

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040819\
 Data File : BF113641.D
 Acq On : 8 Apr 2019 15:53
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 08 16:48:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	138281	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	543964	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	263337	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	512073	20.00	ng	0.00
76) Chrysene-d12	13.83	240	321434	20.00	ng	-0.01
87) Perylene-d12	15.24	264	282132	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	659186	81.29	ng	0.00
7) Phenol-d6	6.34	99	798402	79.88	ng	0.00
23) Nitrobenzene-d5	7.26	82	738564	79.53	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	260712	82.42	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1339192	81.87	ng	0.00
79) Terphenyl-d14	12.78	244	1364569	86.43	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.32	88	145744	37.947	ng	99
3) Pyridine	3.02	79	391686	38.969	ng	99
4) n-Nitrosodimethylamine	2.97	42	166062	38.885	ng	96
6) Aniline	6.35	93	494706	40.835	ng	92
8) 2-Chlorophenol	6.47	128	384887	41.023	ng	97
9) Benzaldehyde	6.23	77	241911	40.706	ng	100
10) Phenol	6.36	94	466234	40.844	ng	81
11) bis(2-Chloroethyl)ether	6.42	93	355080	39.989	ng	99
12) 1,3-Dichlorobenzene	6.63	146	404926	40.076	ng	98
13) 1,4-Dichlorobenzene	6.70	146	412226	40.373	ng	98
14) 1,2-Dichlorobenzene	6.86	146	377143	40.922	ng	98
15) Benzyl Alcohol	6.84	79	252639	37.384	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	544017	39.361	ng	63
17) 2-Methylphenol	6.96	107	307044	42.229	ng	93
18) Hexachloroethane	7.19	117	148505	39.959	ng	97
19) n-Nitroso-di-n-propylamine	7.11	70	249532	40.488	ng	98
20) 3+4-Methylphenols	7.12	107	379359	43.061	ng	93
22) Acetophenone	7.10	105	482177	40.359	ng	98
24) Nitrobenzene	7.27	77	386551	40.419	ng	99
25) Isophorone	7.52	82	710819	39.734	ng	99
26) 2-Nitrophenol	7.59	139	210209	40.840	ng	91
27) 2,4-Dimethylphenol	7.64	122	291885	39.666	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	451095	39.884	ng	99
29) 2,4-Dichlorophenol	7.84	162	325197	41.305	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	339579	39.718	ng	97
31) Naphthalene	7.99	128	1053697	39.979	ng	99
32) Benzoic acid	7.80	122	170473	29.918	ng	99
33) 4-Chloroaniline	8.05	127	441454	42.241	ng	98
34) Hexachlorobutadiene	8.11	225	214640	41.177	ng	98
35) Caprolactam	8.43	113	81435	32.584	ng	99
36) 4-Chloro-3-methylphenol	8.55	107	327070	41.384	ng	98
37) 2-Methylnaphthalene	8.68	142	695546	40.125	ng	100
38) 1-Methylnaphthalene	8.78	142	671002	40.144	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	342912	40.264	ng	99

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 Misc :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
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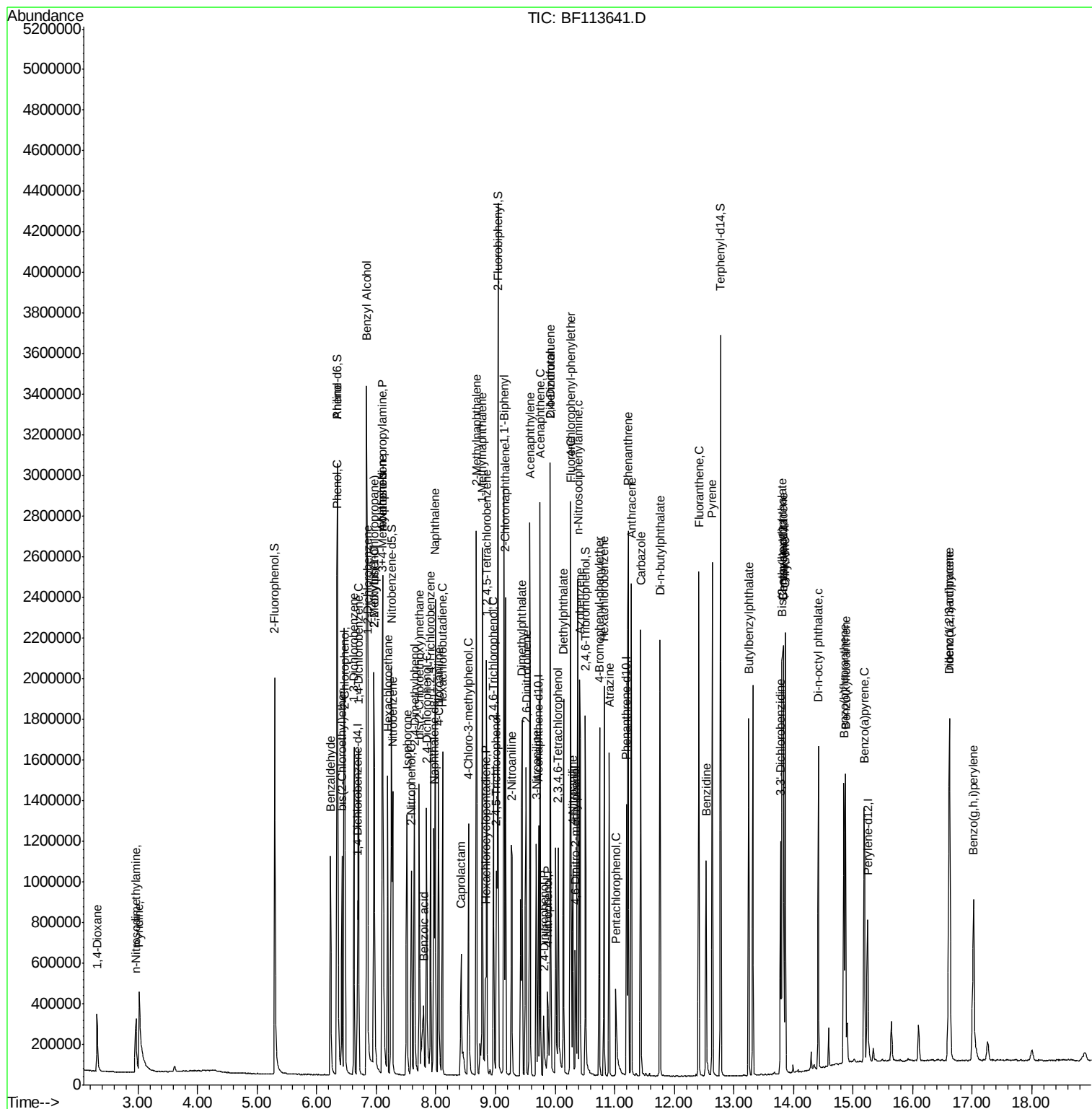
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	88377	38.070	ng	98
43) 2,4,6-Trichlorophenol	8.97	196	211132	39.274	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	234333	40.602	ng	100
46) 1,1'-Biphenyl	9.15	154	870092	40.041	ng	99
47) 2-Chloronaphthalene	9.17	162	659319	40.073	ng	98
48) 2-Nitroaniline	9.27	65	204159	40.553	ng	96
49) Acenaphthylene	9.58	152	1075834	40.212	ng	99
50) Dimethylphthalate	9.45	163	762559	39.284	ng	100
51) 2,6-Dinitrotoluene	9.52	165	171857	40.164	ng	96
52) Acenaphthene	9.75	154	615944	40.219	ng	100
53) 3-Nitroaniline	9.69	138	196967	40.488	ng	97
54) 2,4-Dinitrophenol	9.81	184	68858	34.397	ng	# 88
55) Dibenzofuran	9.92	168	899464	40.038	ng	99
56) 4-Nitrophenol	9.87	139	105174	34.852	ng	92
57) 2,4-Dinitrotoluene	9.93	165	209898	40.561	ng	96
58) Fluorene	10.27	166	721090	40.583	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	206862	41.408	ng	99
60) Diethylphthalate	10.15	149	753609	40.267	ng	98
61) 4-Chlorophenyl-phenylether	10.26	204	360973	41.303	ng	95
62) 4-Nitroaniline	10.30	138	196136	39.648	ng	98
63) Azobenzene	10.42	77	714189	40.303	ng	96
65) 4,6-Dinitro-2-methylphenol	10.35	198	103037	38.221	ng	97
66) n-Nitrosodiphenylamine	10.38	169	644429	40.993	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	237260	41.312	ng	95
68) Hexachlorobenzene	10.82	284	267873	40.707	ng	96
69) Atrazine	10.91	200	200856	40.536	ng	96
70) Pentachlorophenol	11.02	266	102989	33.213	ng	99
71) Phenanthrene	11.23	178	1021324	40.138	ng	99
72) Anthracene	11.28	178	1050547	40.580	ng	99
73) Carbazole	11.43	167	981295	40.527	ng	99
74) Di-n-butylphthalate	11.76	149	1136368	39.452	ng	99
75) Fluoranthene	12.41	202	1070265	39.252	ng	100
77) Benzidine	12.53	184	484874	40.565	ng	98
78) Pyrene	12.64	202	1062484	43.442	ng	99
80) Butylbenzylphthalate	13.25	149	403991	40.579	ng	96
81) Benzo(a)anthracene	13.83	228	769953	41.525	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	287920	40.315	ng	99
83) Chrysene	13.86	228	734658	39.085	ng	99
84) Bis(2-ethylhexyl)phthalate	13.81	149	496117	41.216	ng	99
85) Di-n-octyl phthalate	14.42	149	743658	38.008	ng	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	801455	46.182	ng	99
88) Benzo(b)fluoranthene	14.84	252	642746	37.218	ng	99
89) Benzo(k)fluoranthene	14.87	252	617539	39.843	ng	99
90) Benzo(a)pyrene	15.19	252	612506	39.913	ng	99
91) Dibenzo(a,h)anthracene	16.62	278	663004	46.199	ng	100
92) Benzo(g,h,i)perylene	17.02	276	694452	47.410	ng	99

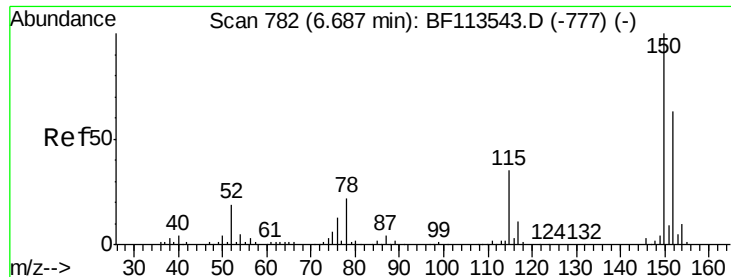
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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BNA_F
ClientSampleId :

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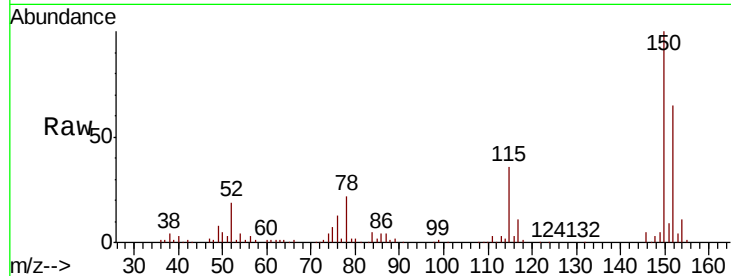


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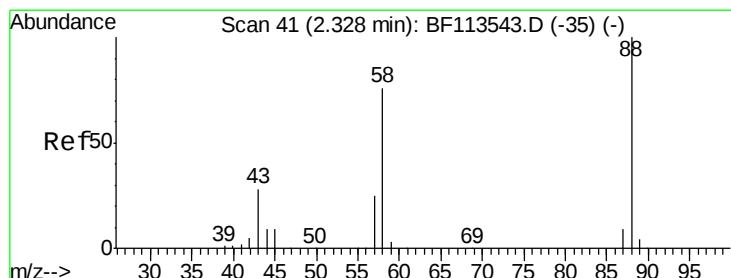
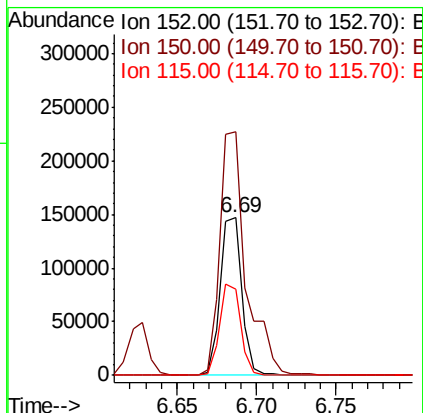
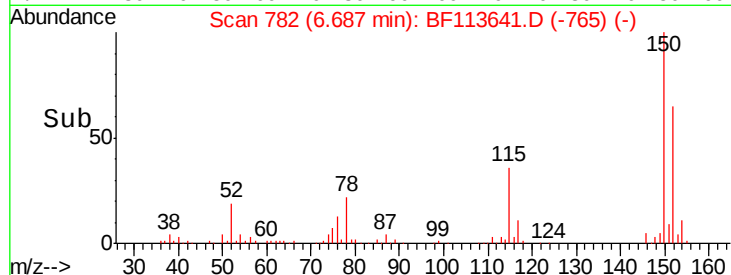
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.7	187.1
115	54.9	46.0	69.0



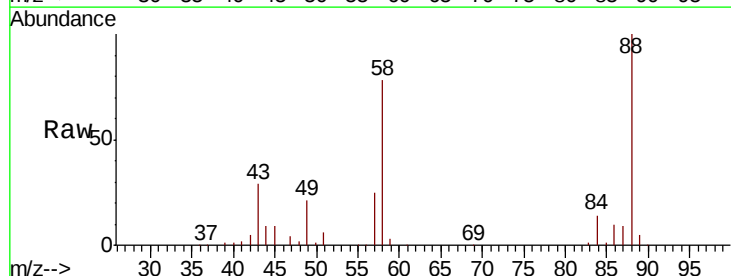
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



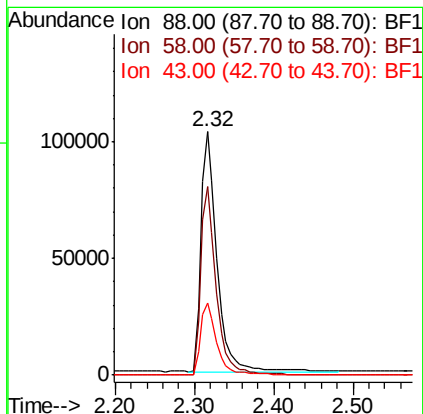
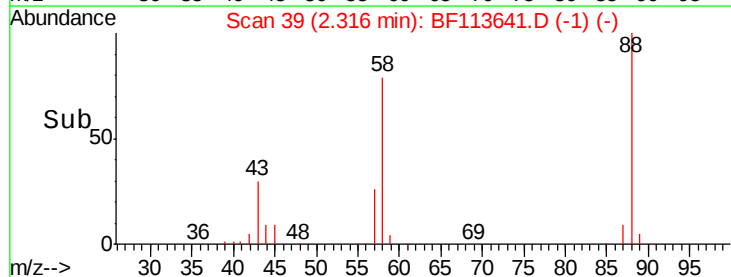
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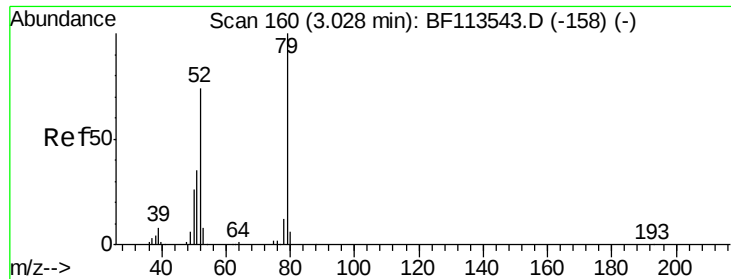
1,4-Dioxane
 Concen: 37.947 ng
 RT: 2.32 min Scan# 39
 Delta R.T. -0.01 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.4	61.9	92.9
43	30.9	24.2	36.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.969 ng

RT: 3.02 min Scan# 159

Delta R.T. -0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

Instrument :

BNA_F

ClientSampleId :

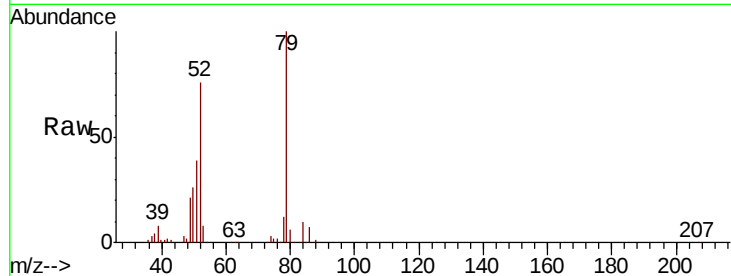
Tot Ion: 79 Resp: 391686

Ion Ratio Lower Upper

79 100

52 76.2 61.0 91.4

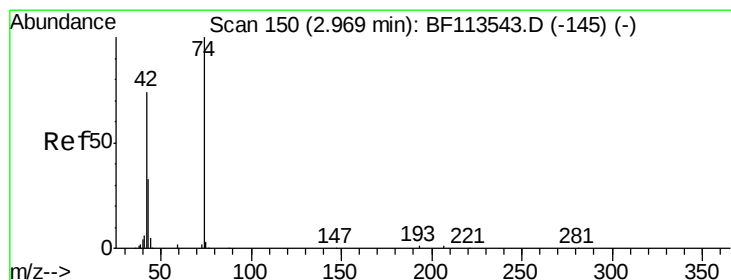
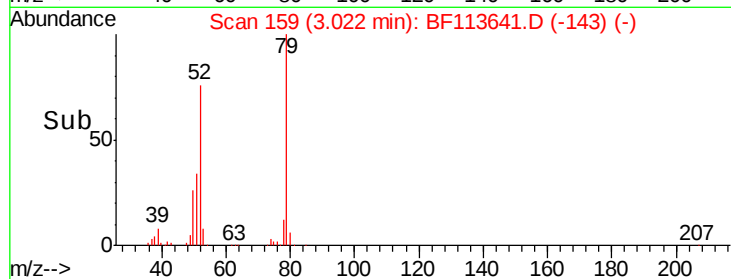
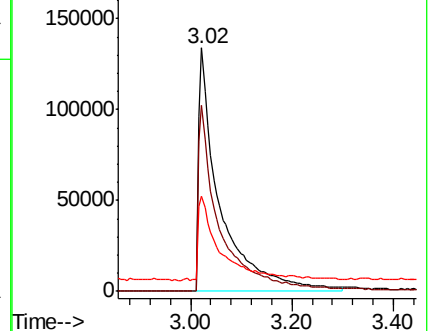
51 39.1 30.6 45.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.885 ng

RT: 2.97 min Scan# 150

Delta R.T. 0.00 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

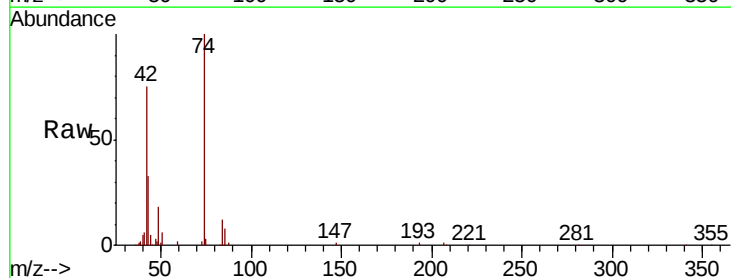
Tgt Ion: 42 Resp: 166062

Ion Ratio Lower Upper

42 100

74 133.0 102.4 153.6

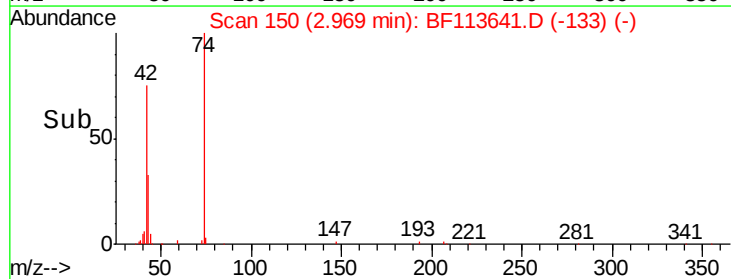
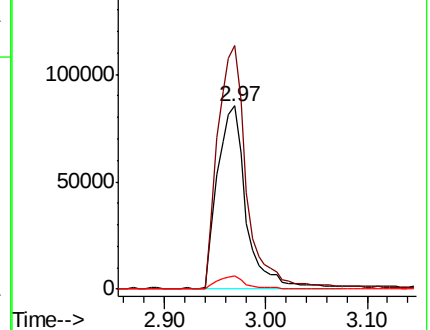
44 6.9 5.5 8.3

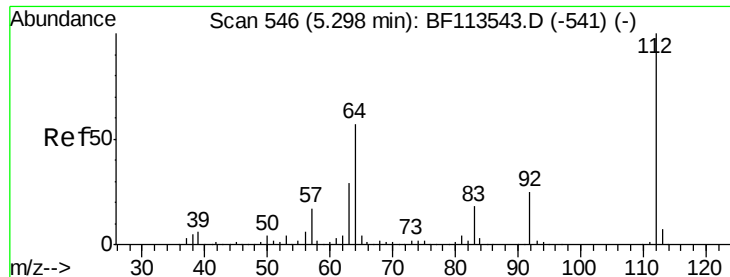


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.288 ng

RT: 5.30 min Scan# 546

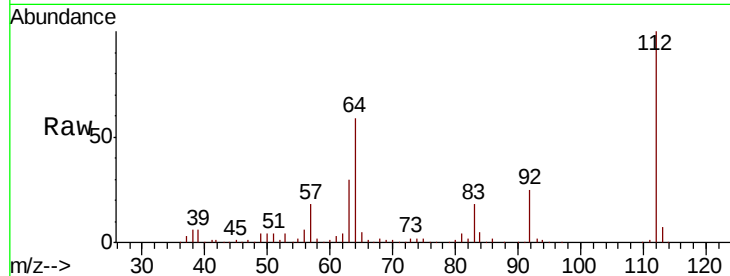
Delta R.T. 0.00 min

Lab File: BF113641.D

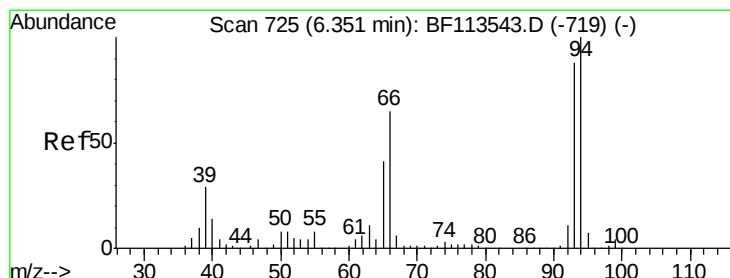
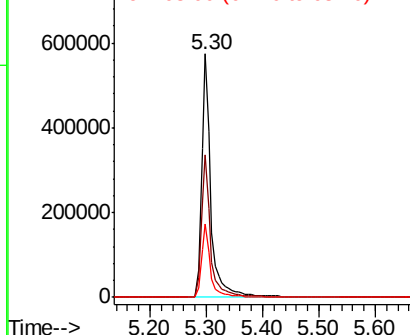
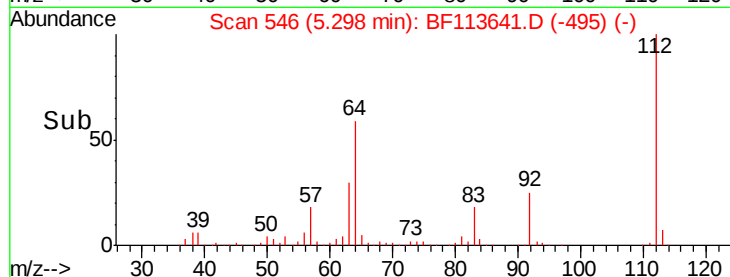
Acq: 8 Apr 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:112	Resp:	659186
Ion Ratio	Lower	Upper
112 100		
64 58.8	49.2	73.8
63 30.4	24.9	37.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.835 ng

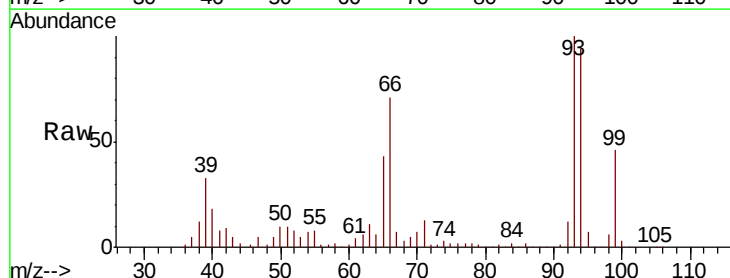
RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

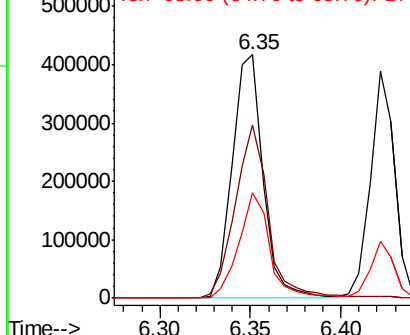
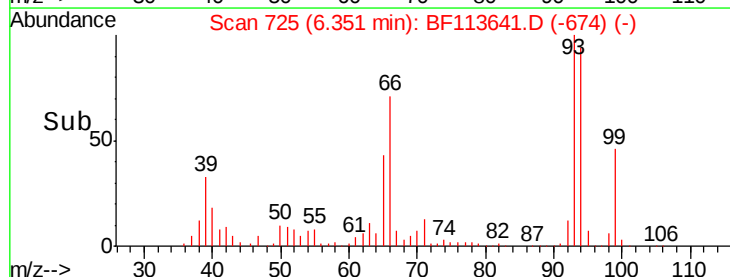
Lab File: BF113641.D

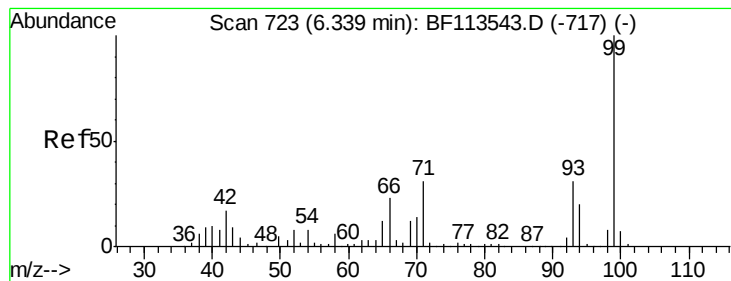
Acq: 8 Apr 2019 15:53

Tgt Ion: 93	Resp:	494706
Ion Ratio	Lower	Upper
93 100		
66 71.2	62.1	93.1
65 43.0	38.7	58.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.883 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

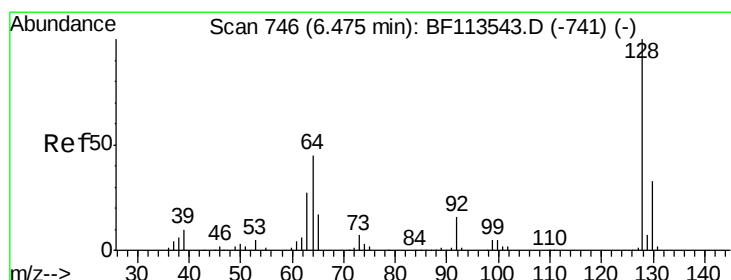
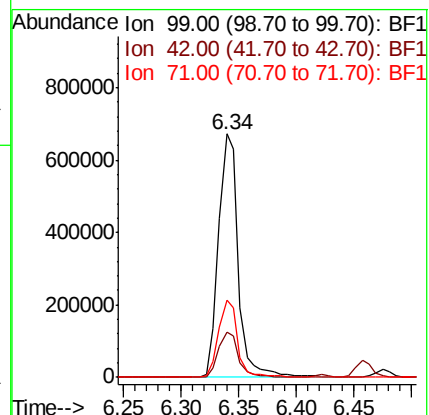
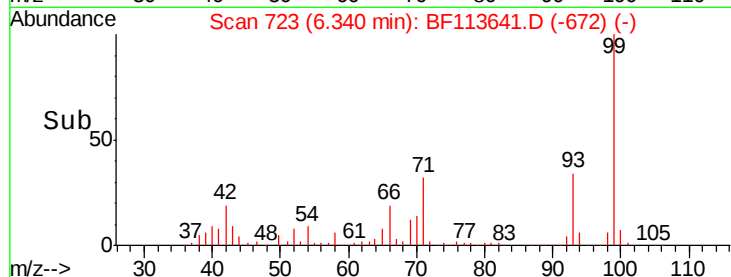
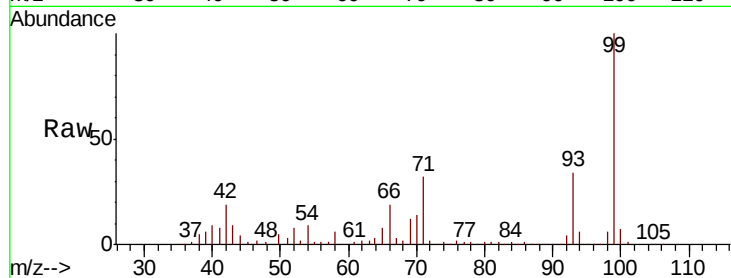
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 798402

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.8	22.2
71	31.9	24.9	37.3



#8

2-Chlorophenol

Concen: 41.023 ng

RT: 6.47 min Scan# 746

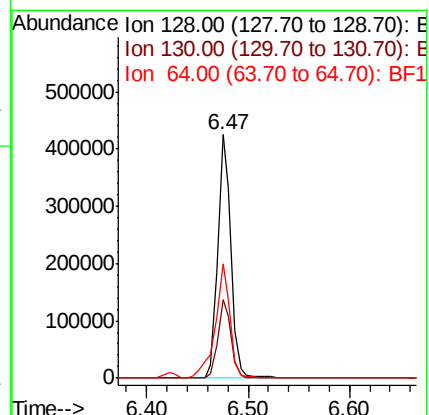
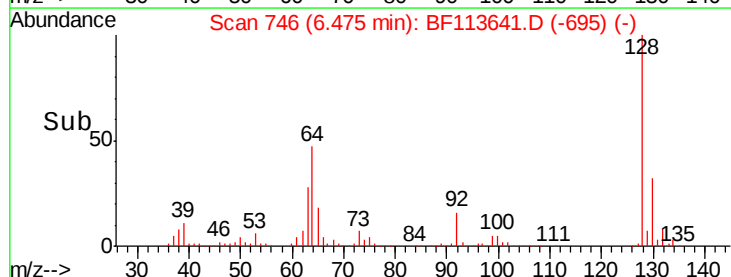
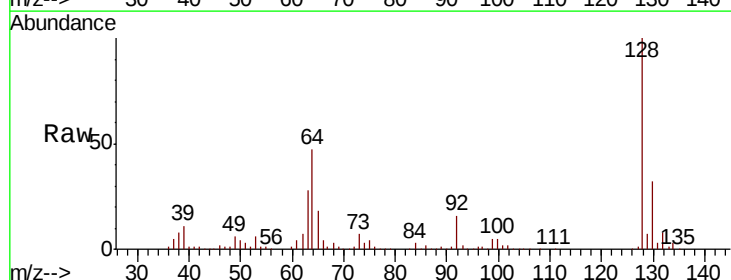
Delta R.T. 0.00 min

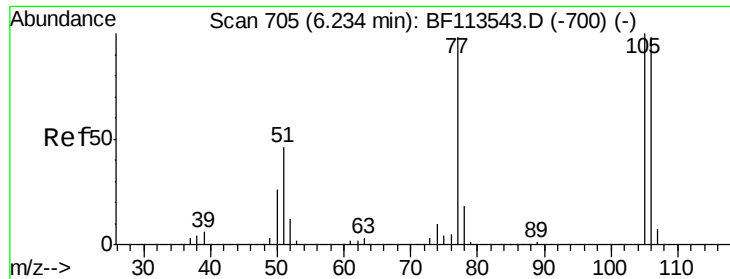
Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

Tgt Ion: 128 Resp: 384887

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	46.8	29.4	69.4





#9

Benzaldehyde

Concen: 40.706 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF113641.D

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Instrument :

BNA_F

ClientSampleId :

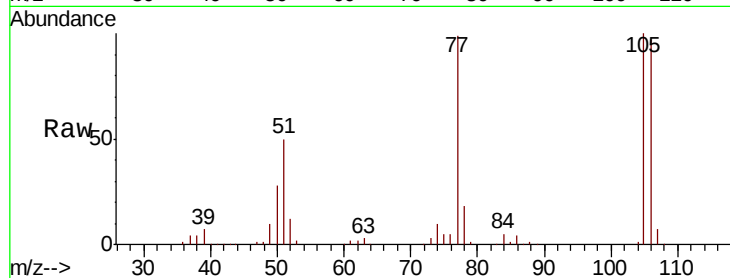
Tot Ion: 77 Resp: 241911

Ion Ratio Lower Upper

77 100

105 100.7 80.9 120.9

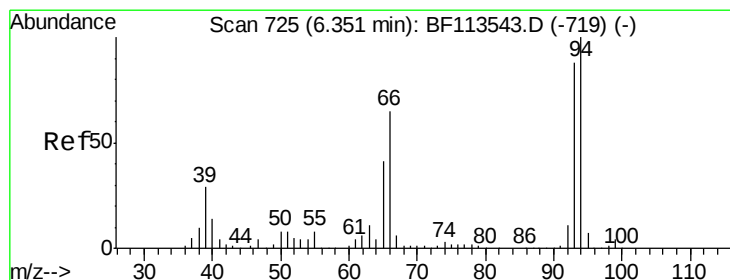
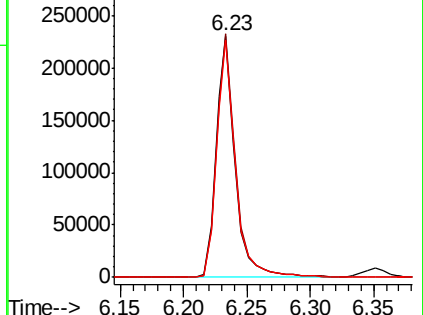
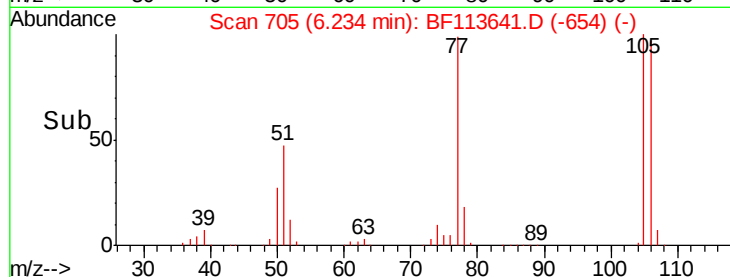
106 98.0 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.844 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

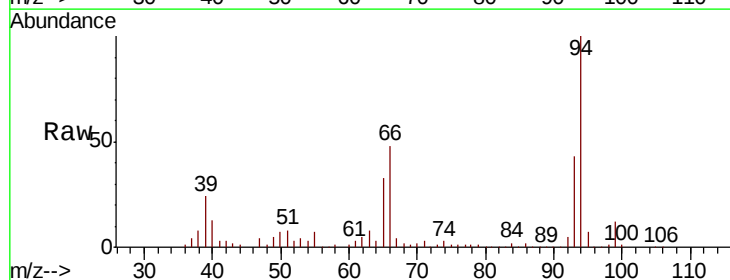
Tgt Ion: 94 Resp: 466234

Ion Ratio Lower Upper

94 100

65 33.0 21.4 61.4

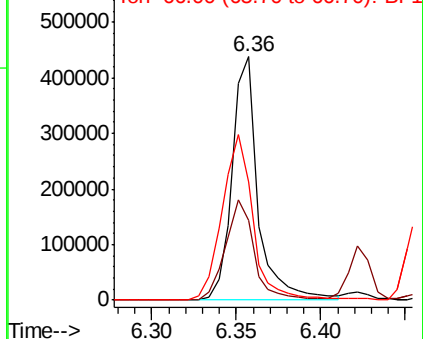
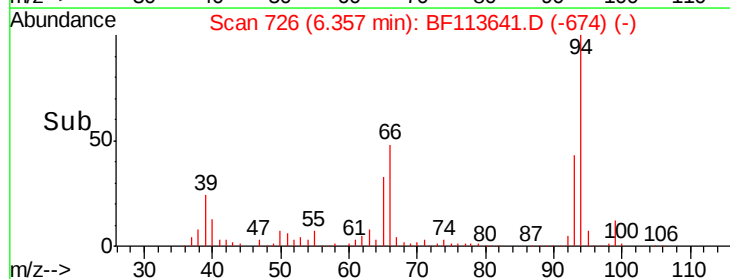
66 48.3 46.4 86.4

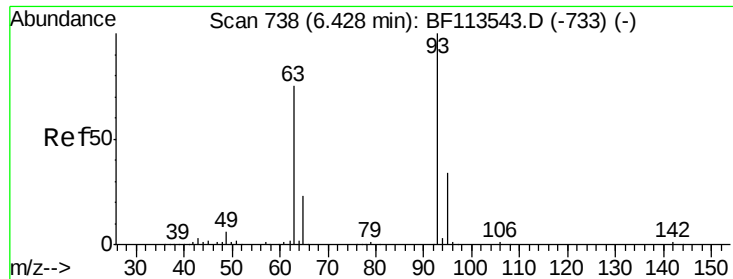


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

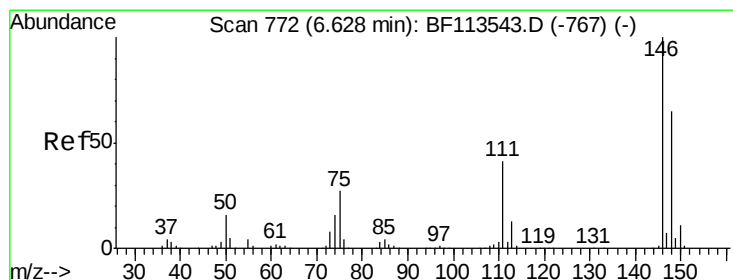
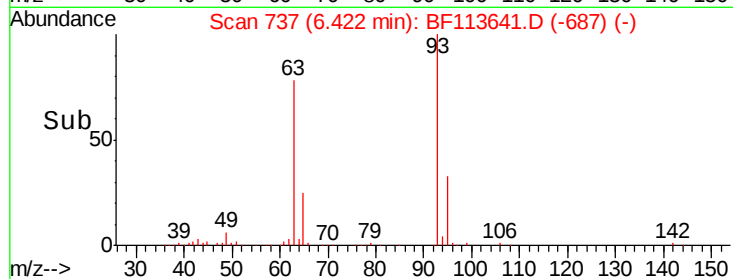
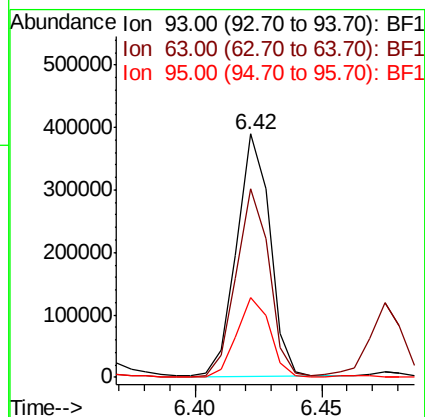
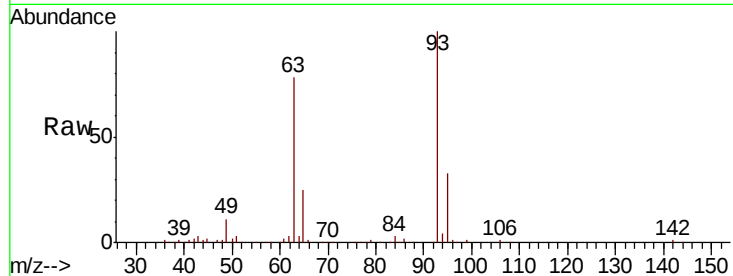




#11
bis(2-Chloroethyl)ether
Concen: 39.989 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

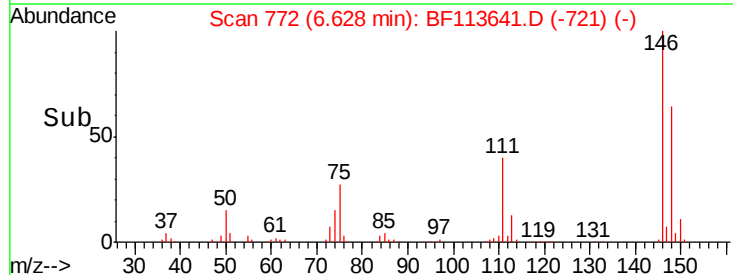
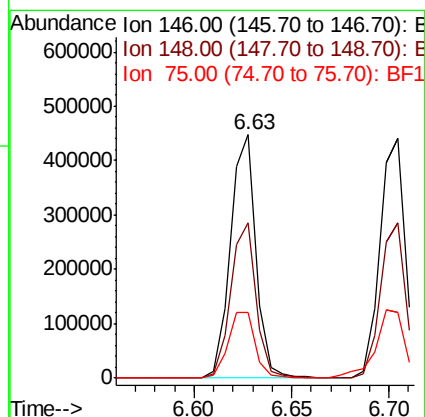
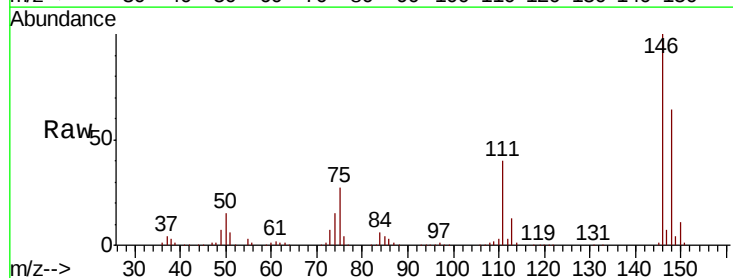
Instrument :
BNA_F
ClientSampled :

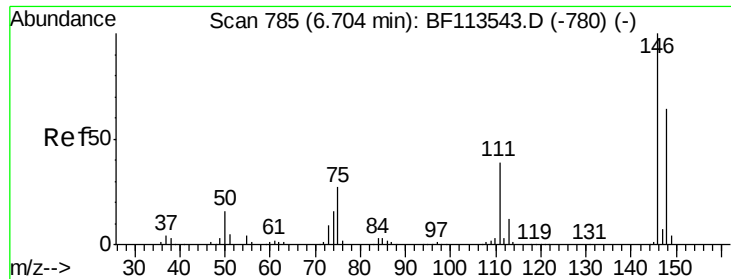
Tot Ion: 93 Resp: 355080
Ion Ratio Lower Upper
93 100
63 77.7 56.1 96.1
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.076 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Tgt Ion: 146 Resp: 404926
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
75 27.0 24.8 37.2

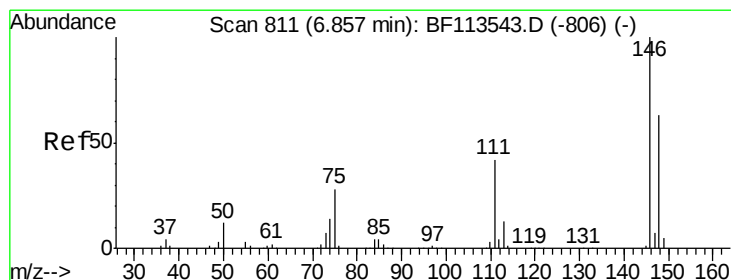
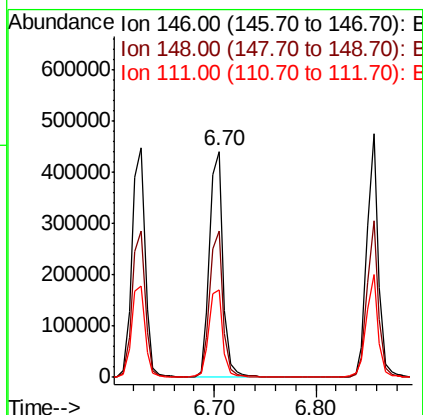
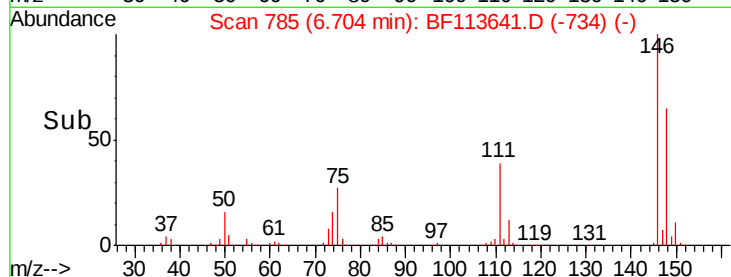
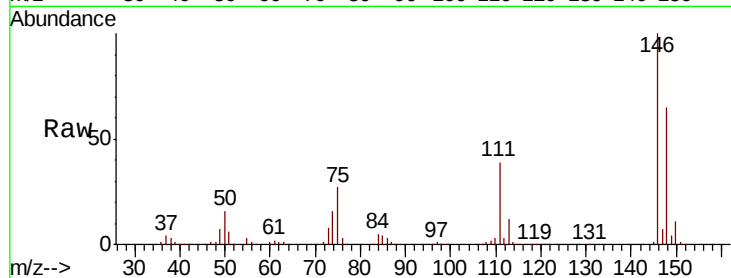




#13
 1,4-Dichlorobenzene
 Concen: 40.373 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

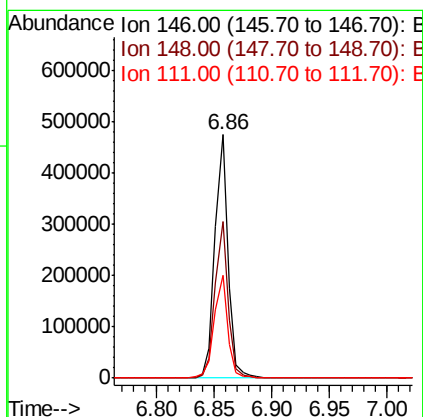
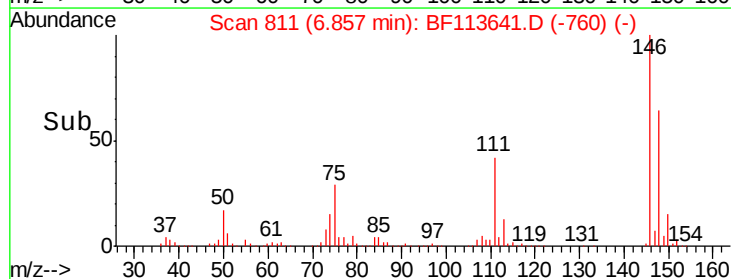
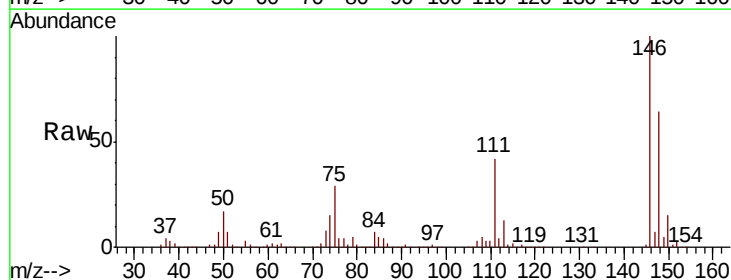
Instrument :
 BNA_F
 ClientSampleId :

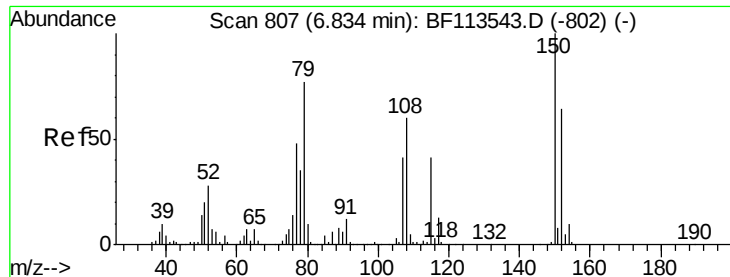
Tot Ion:146 Resp: 412226
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.1 76.7
 111 38.8 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 40.922 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Tgt Ion:146 Resp: 377143
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.2 75.4
 111 42.1 35.4 53.2





#15

Benzyl Alcohol

Concen: 37.384 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

Instrument :
BNA_F
ClientSampleId :

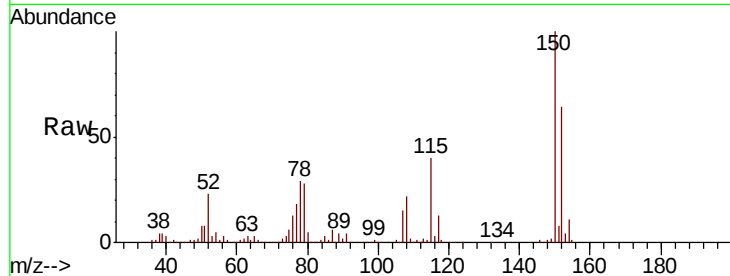
Tot Ion: 79 Resp: 252639

Ion Ratio Lower Upper

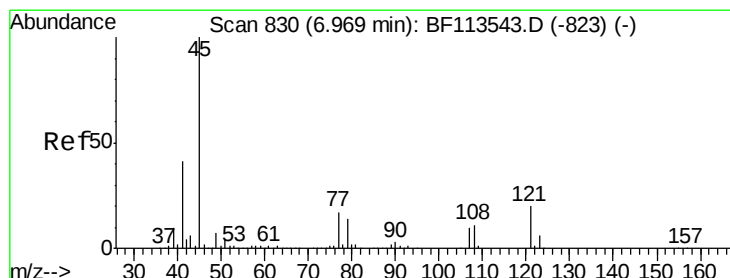
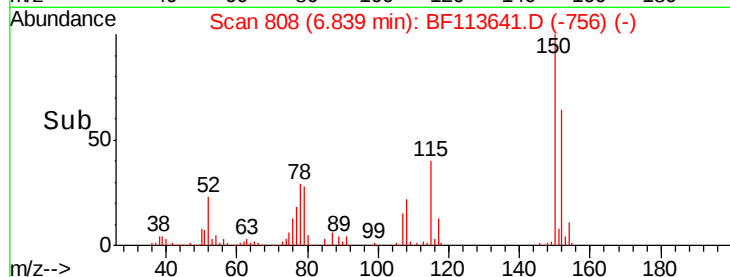
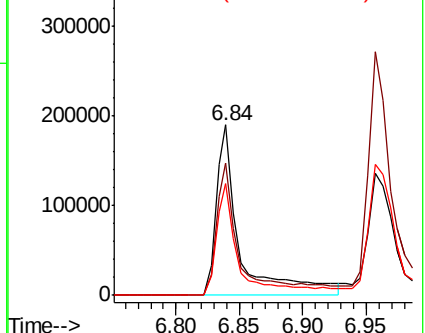
79 100

108 78.1 62.0 93.0

77 65.4 49.9 74.9



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.361 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

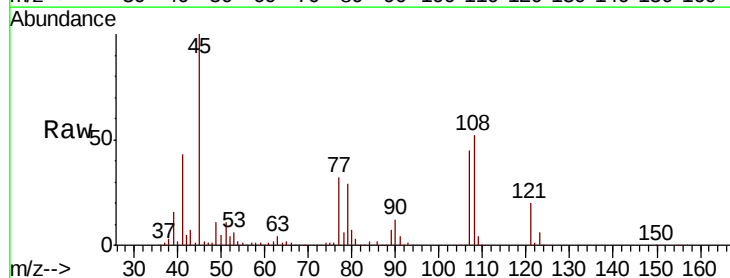
Tgt Ion: 45 Resp: 544017

Ion Ratio Lower Upper

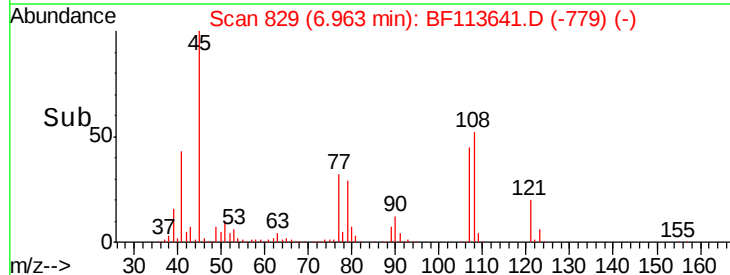
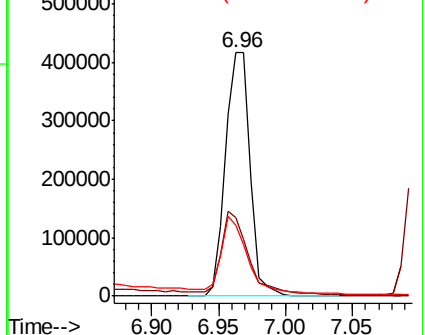
45 100

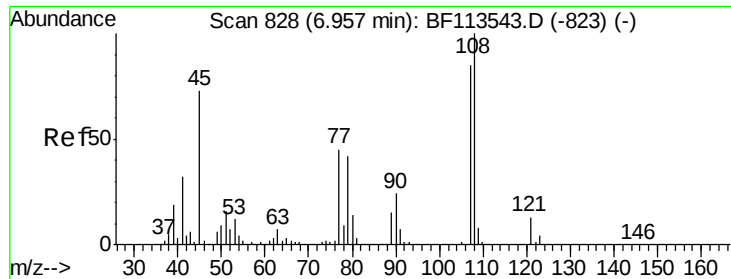
77 32.4 0.0 36.6

79 29.2 0.0 34.0



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

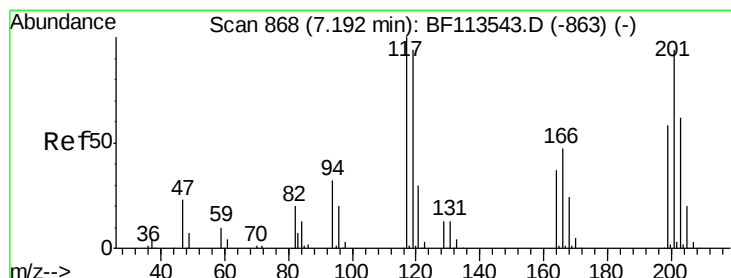
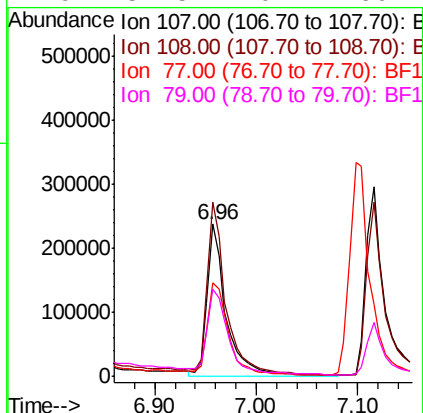
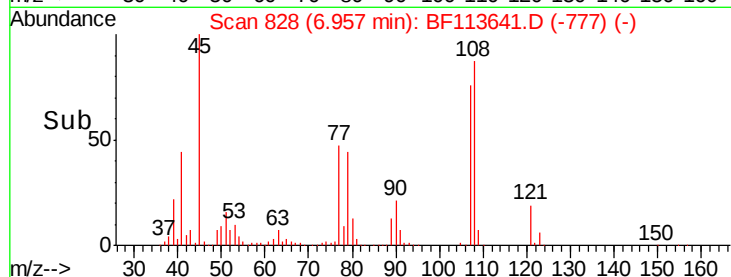
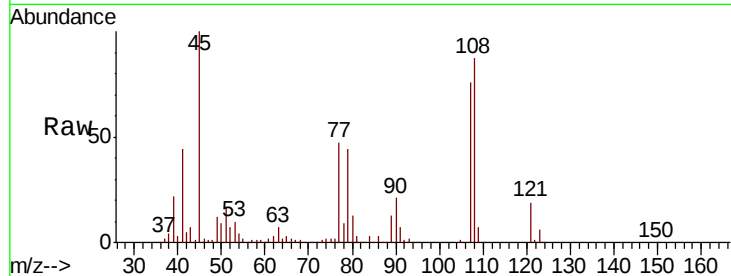




#17
2-Methylphenol
Concen: 42.229 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

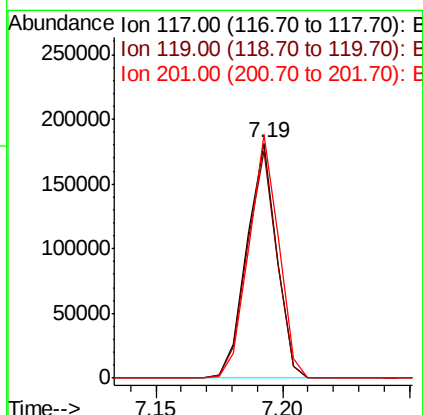
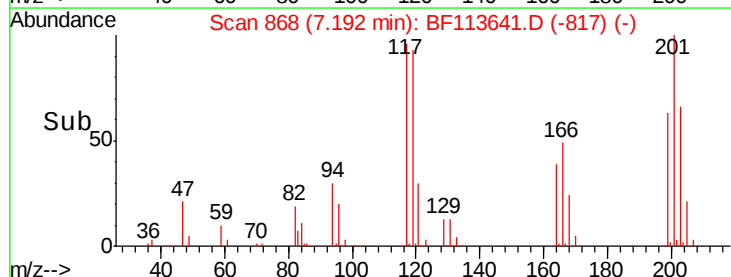
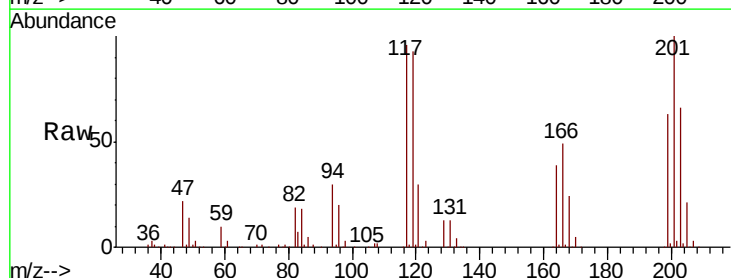
Instrument :
BNA_F
ClientSampleId :

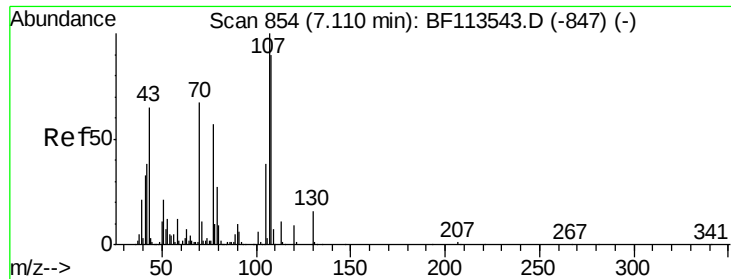
Tot Ion:107 Resp: 307044
Ion Ratio Lower Upper
107 100
108 114.7 93.4 140.0
77 61.6 41.2 61.8
79 57.5 40.1 60.1



#18
Hexachloroethane
Concen: 39.959 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Tgt Ion:117 Resp: 148505
Ion Ratio Lower Upper
117 100
119 96.7 76.9 115.3
201 103.7 78.7 118.1

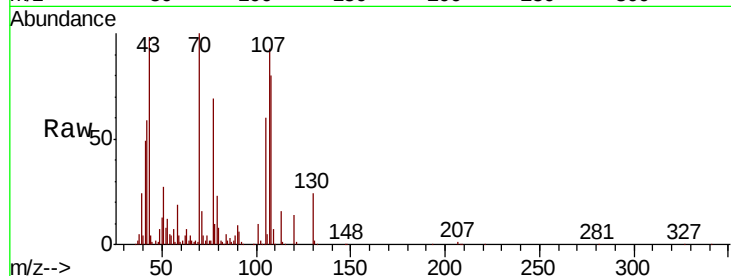




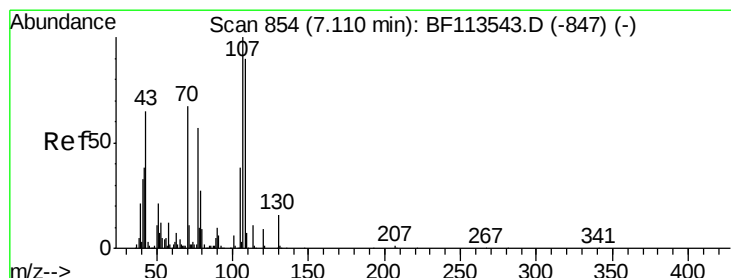
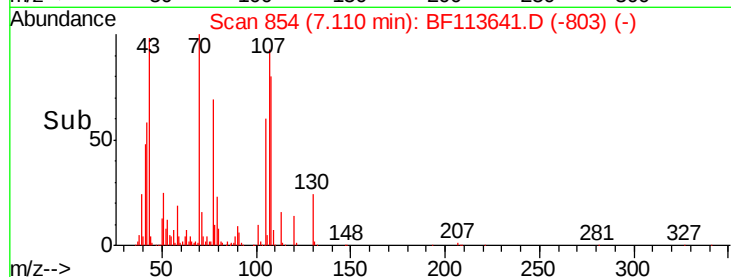
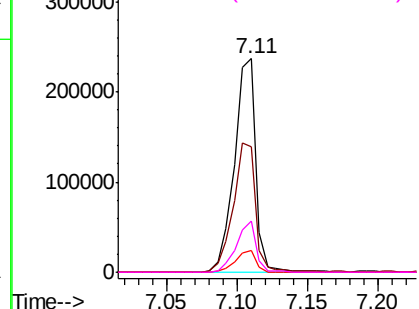
#19
n-Nitroso-di-n-propylamine
Concen: 40.488 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	249532
Ion	Ratio	Lower	Upper
70	100		
42	58.5	48.4	72.6
101	10.3	7.8	11.8
130	23.8	18.2	27.4

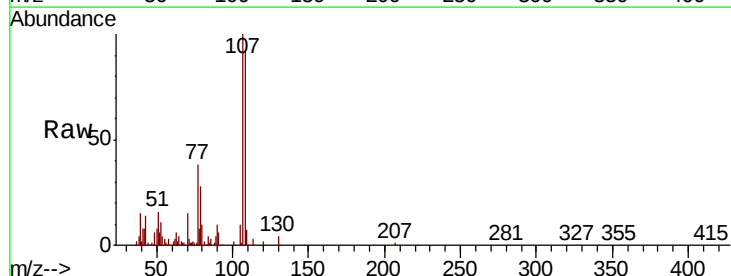


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

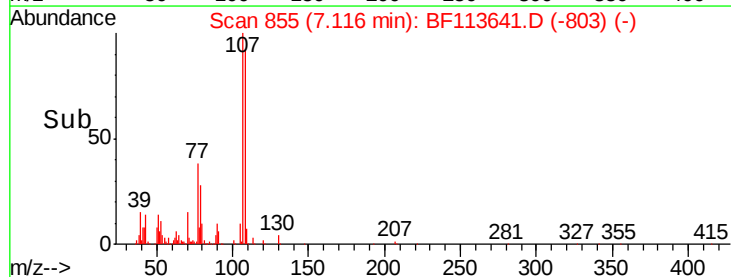
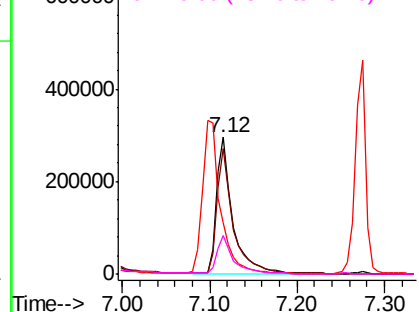


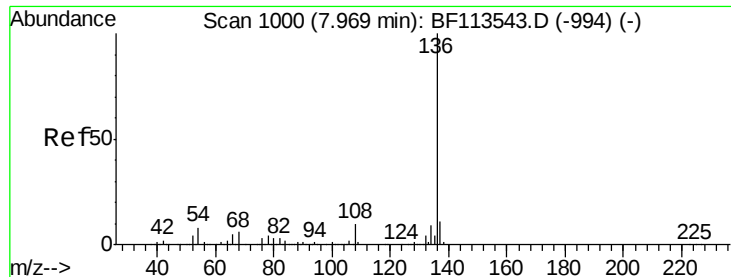
#20
3+4-Methylphenols
Concen: 43.061 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Tgt Ion:	107	Resp:	379359
Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.4	111.4
77	37.7	33.5	73.5
79	28.5	8.3	48.3



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

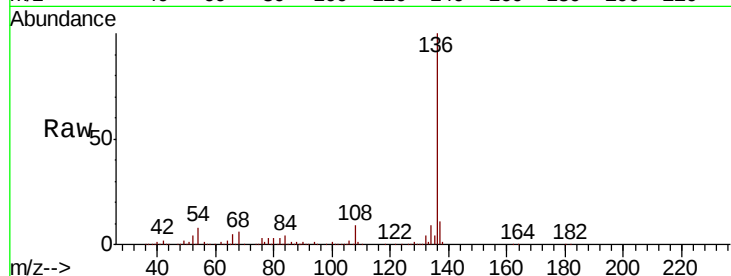




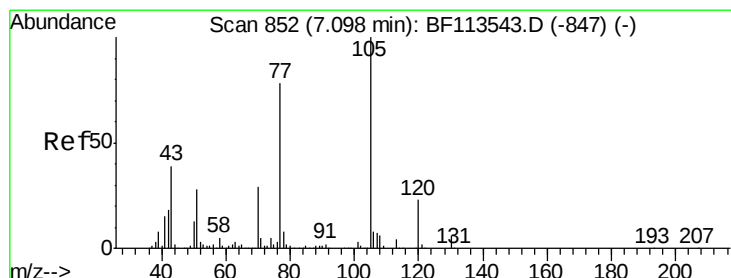
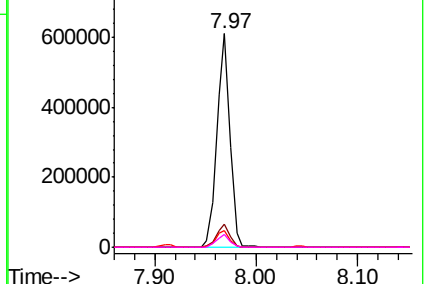
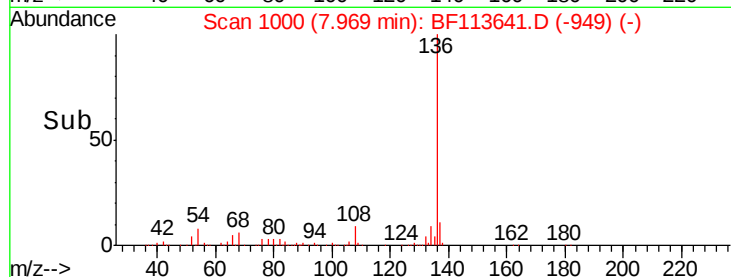
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	543964
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.9	13.3
54 7.7	7.0	10.6
68 5.8	4.8	7.2

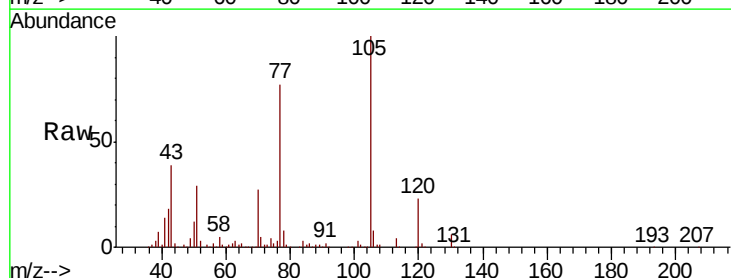


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

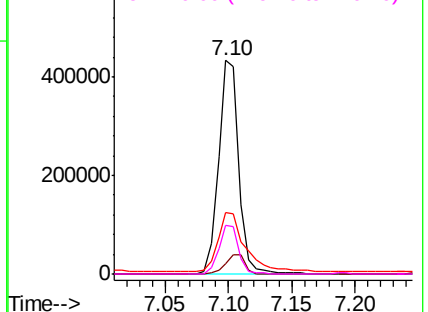
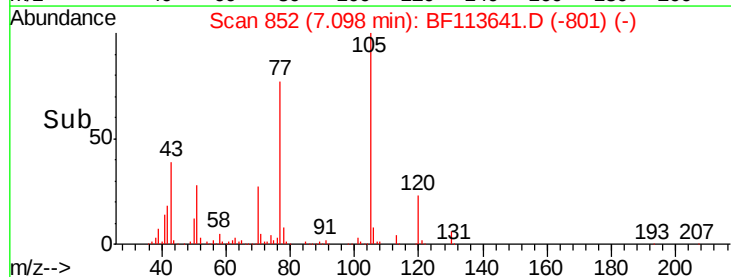


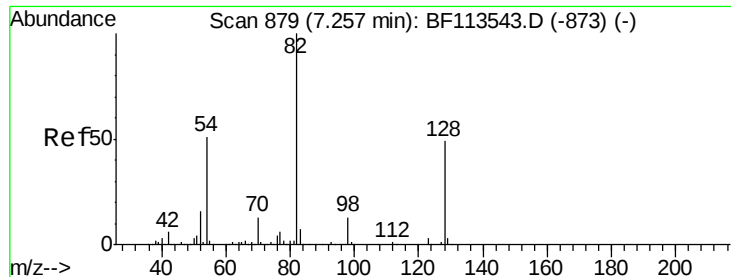
#22
Acetophenone
Concen: 40.359 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Tgt	Ion:105	Resp:	482177
Ion	Ratio	Lower	Upper
105	100		
71	4.5	3.3	4.9
51	28.9	24.2	36.2
120	23.1	18.1	27.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

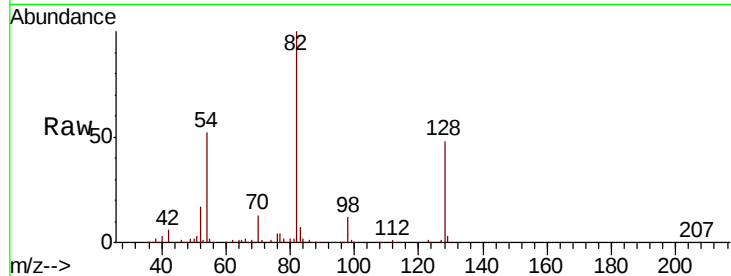




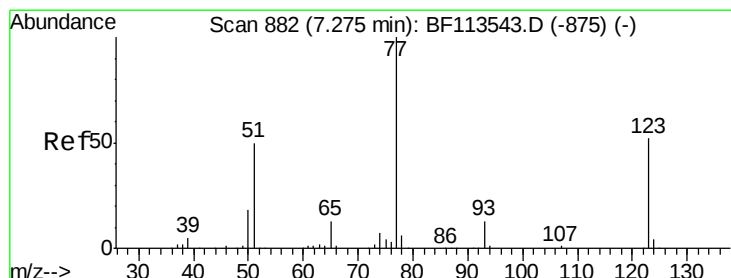
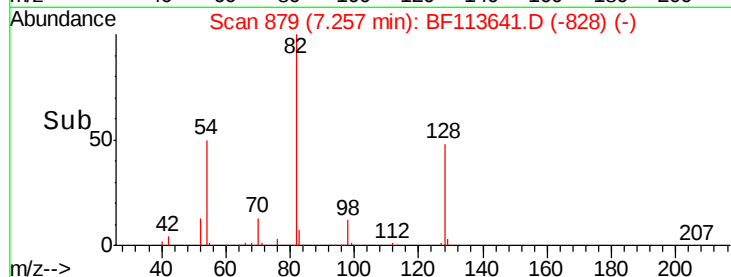
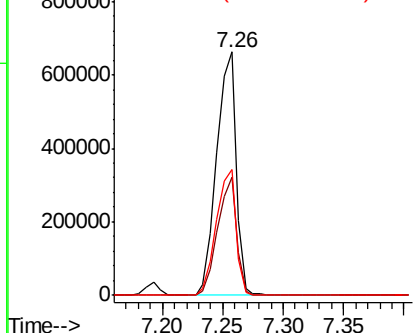
#23
Nitrobenzene-d5
Concen: 79.530 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	738564
Ion Ratio	100		
Lower			
Upper			
128	48.3	36.5	54.7
54	51.6	42.2	63.2

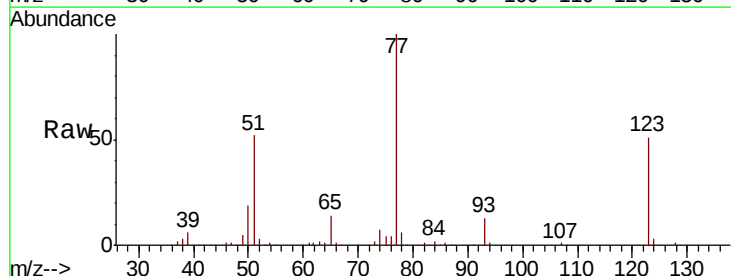


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

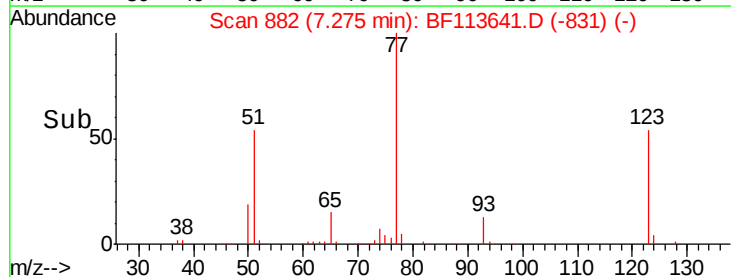
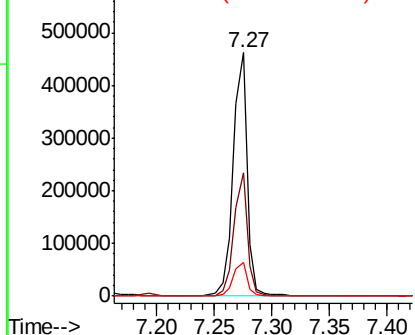


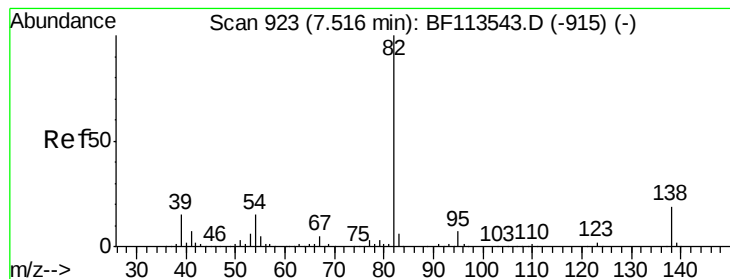
#24
Nitrobenzene
Concen: 40.419 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Tgt Ion	77	Resp	386551
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
123	50.6	40.8	61.2
65	13.6	10.6	16.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.734 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

Instrument :

BNA_F

ClientSampleId :

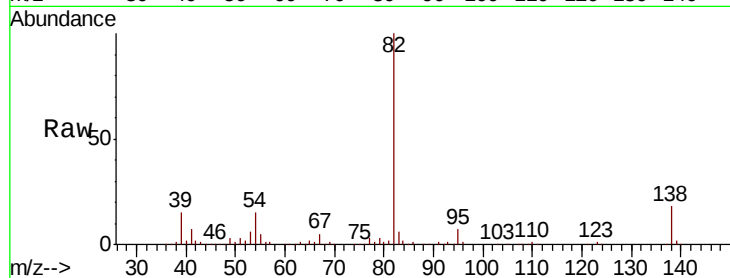
Tot Ion: 82 Resp: 710819

Ion Ratio Lower Upper

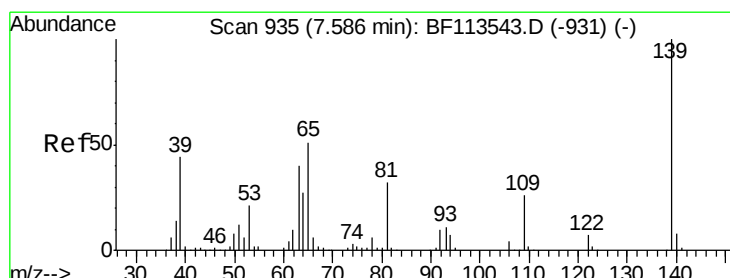
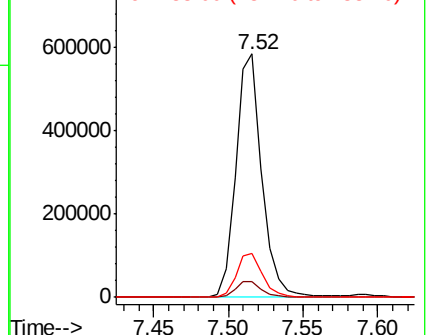
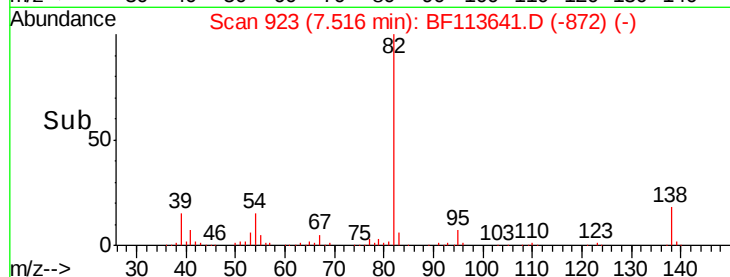
82 100

95 6.6 5.5 8.3

138 18.2 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.840 ng

RT: 7.59 min Scan# 936

Delta R.T. 0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

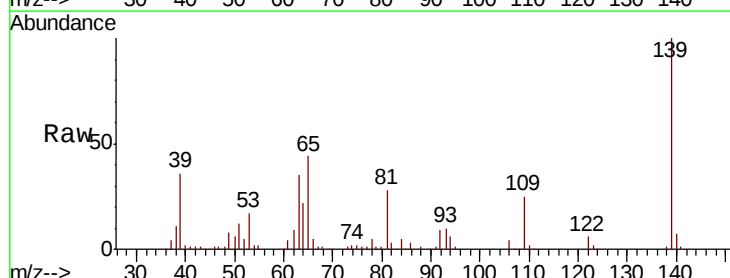
Tgt Ion: 139 Resp: 210209

Ion Ratio Lower Upper

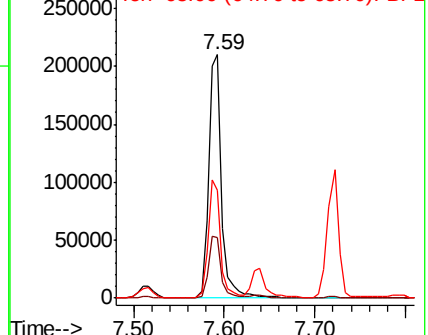
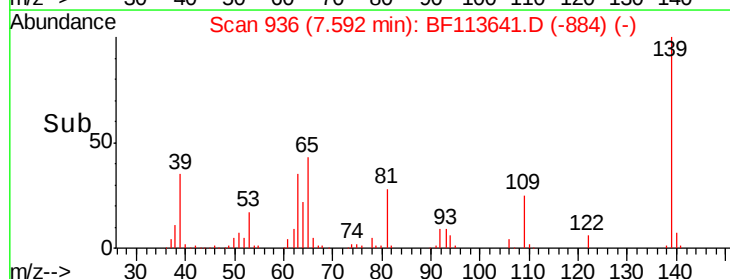
139 100

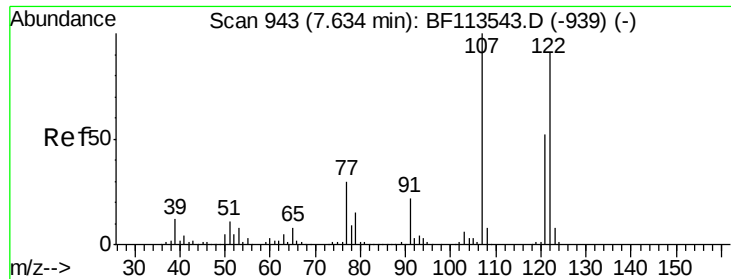
109 24.8 21.7 32.5

65 44.3 41.6 62.4



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

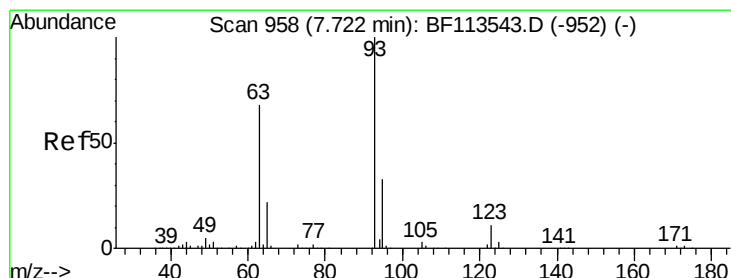
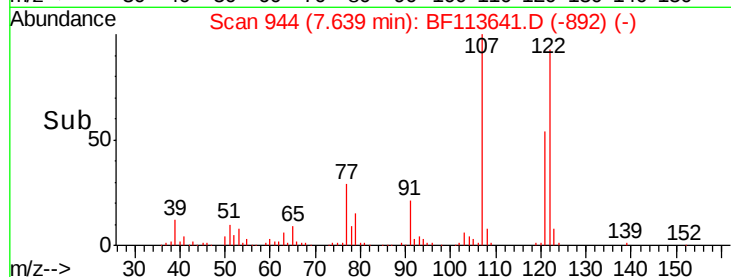
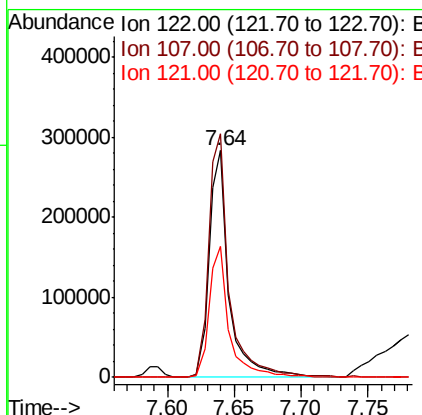
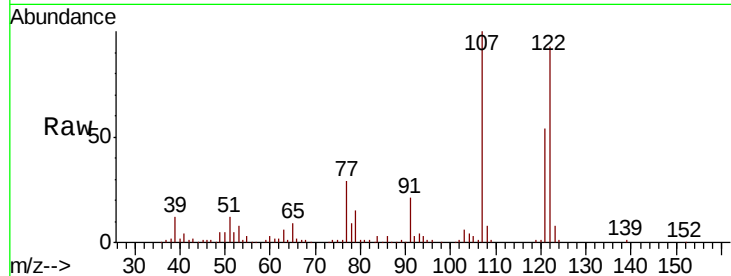




#27
 2,4-Dimethylphenol
 Concen: 39.666 ng
 RT: 7.64 min Scan# 944
 Delta R.T. 0.01 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

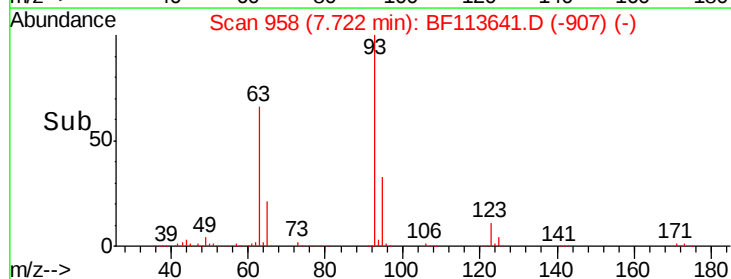
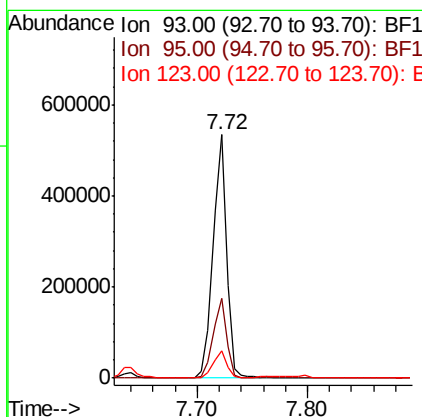
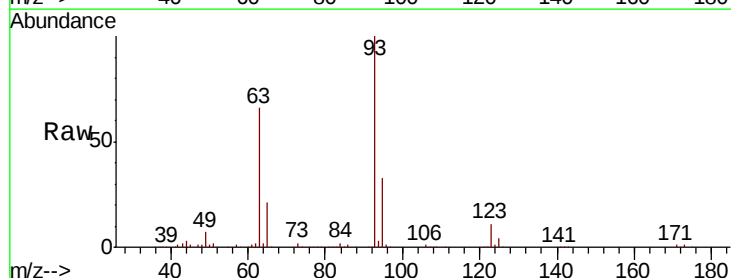
Instrument :
 BNA_F
 ClientSampleId :

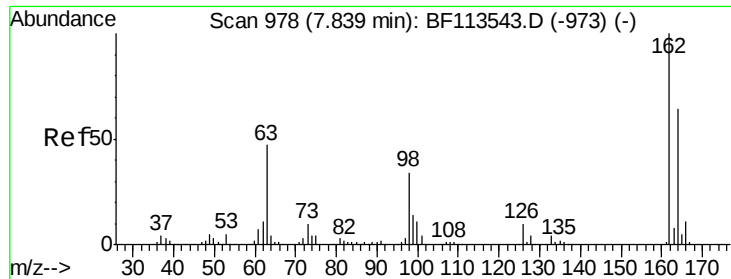
Tot Ion	Ratio	Lower	Upper
122	100		
107	107.6	88.8	133.2
121	57.7	45.5	68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.884 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.0	39.0
123	11.3	9.1	13.7

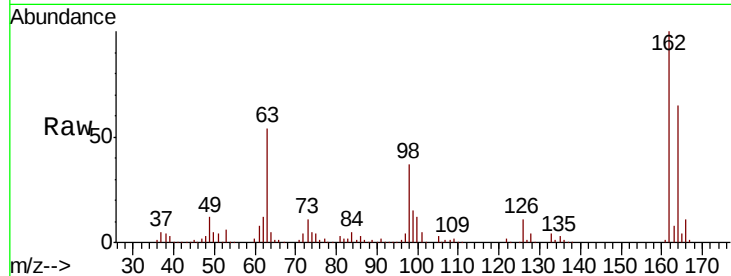




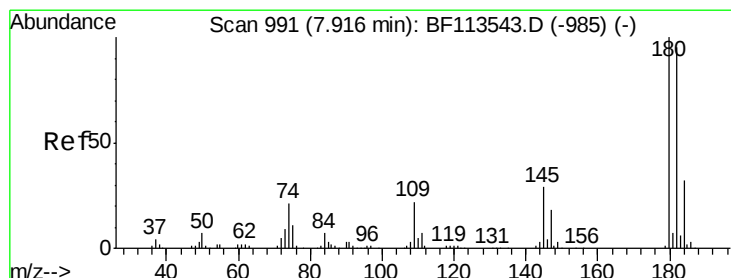
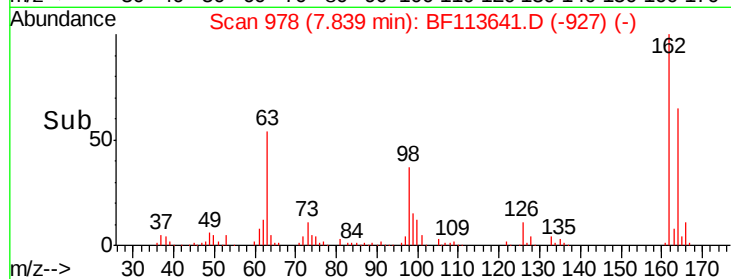
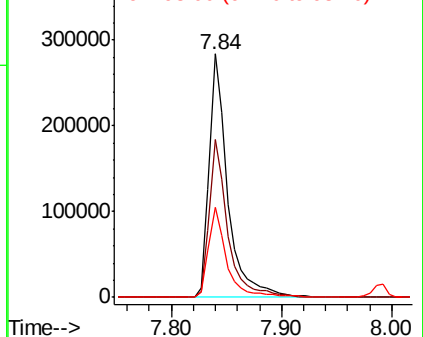
#29
 2,4-Dichlorophenol
 Concen: 41.305 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.6	84.6
98	37.0	15.6	55.6

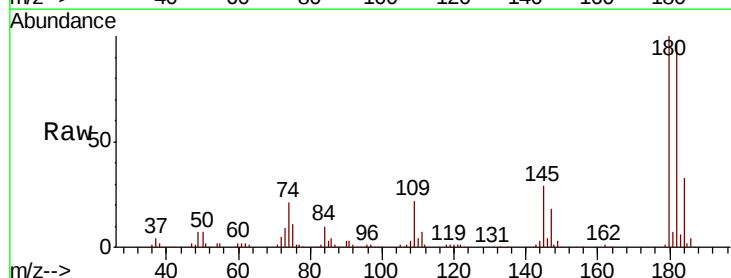


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

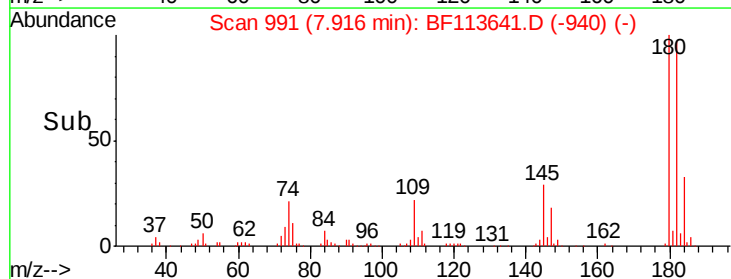
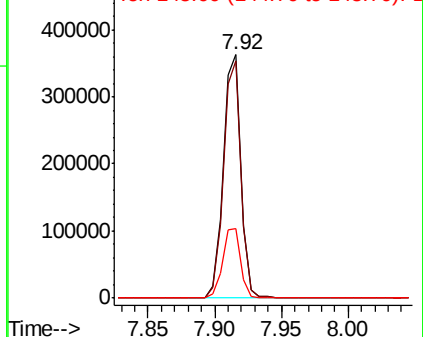


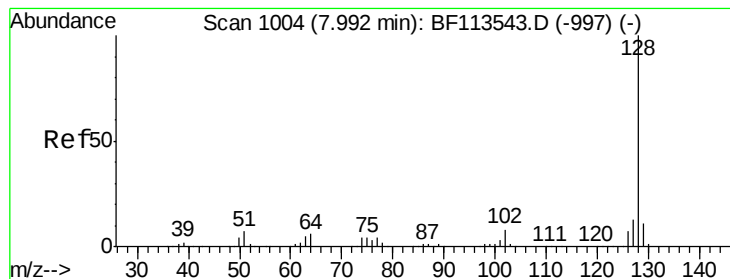
#30
 1,2,4-Trichlorobenzene
 Concen: 39.718 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	74.6	111.8
145	28.6	23.4	35.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.979 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

Instrument :

BNA_F

ClientSampleId :

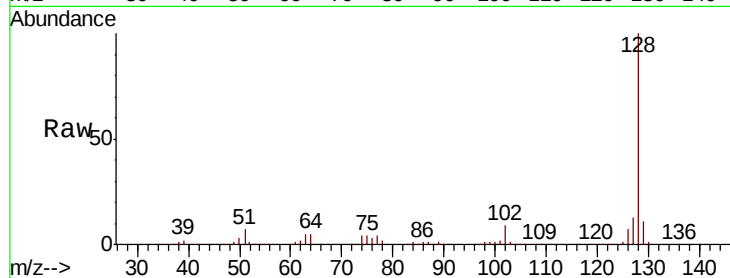
Tot Ion:128 Resp: 1053697

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

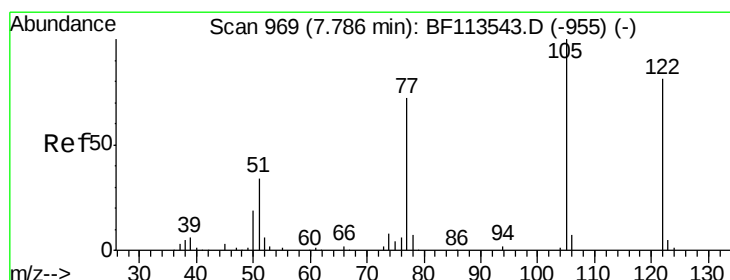
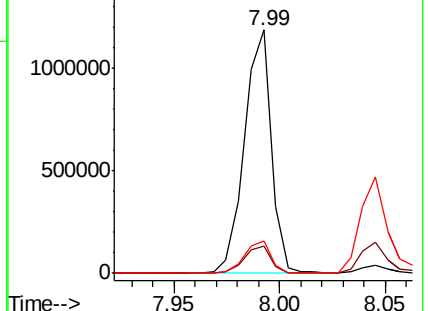
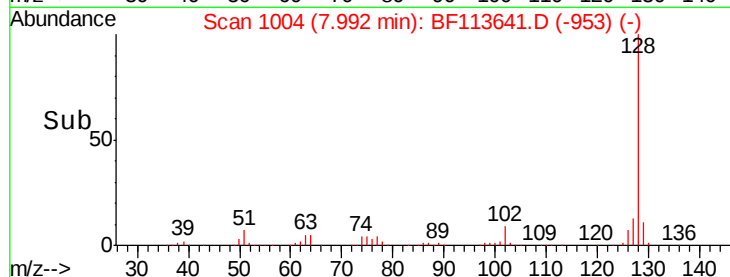
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.918 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

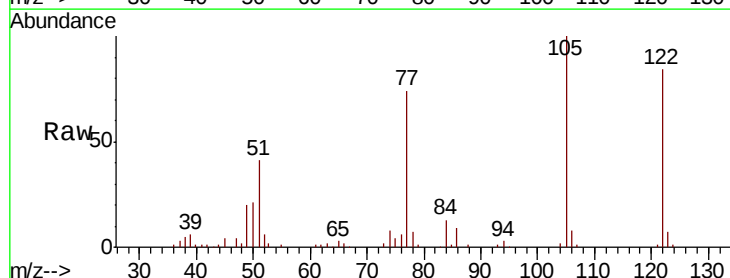
Tgt Ion:122 Resp: 170473

Ion Ratio Lower Upper

122 100

105 118.7 100.4 140.4

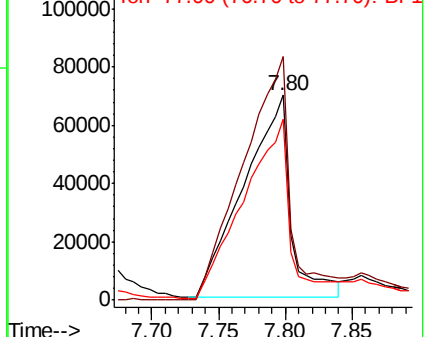
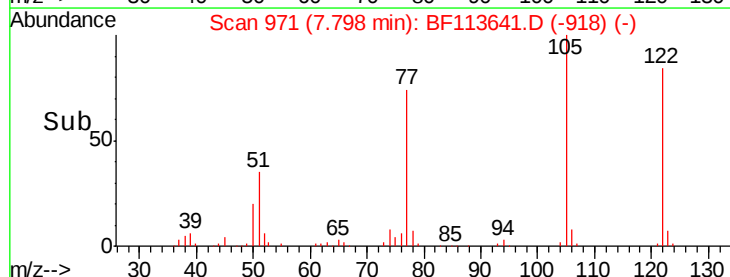
77 88.4 69.0 109.0

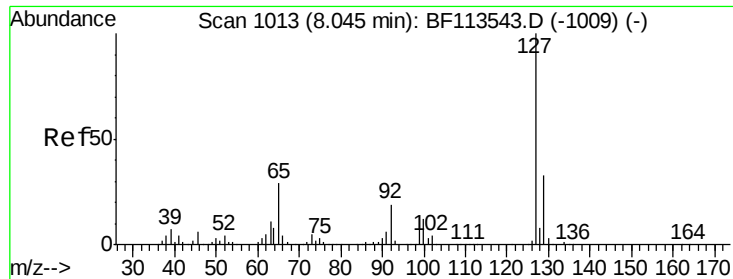


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

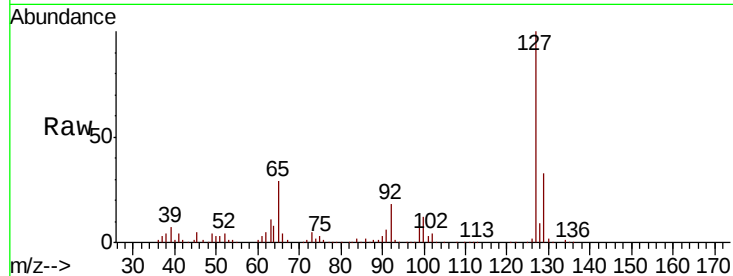




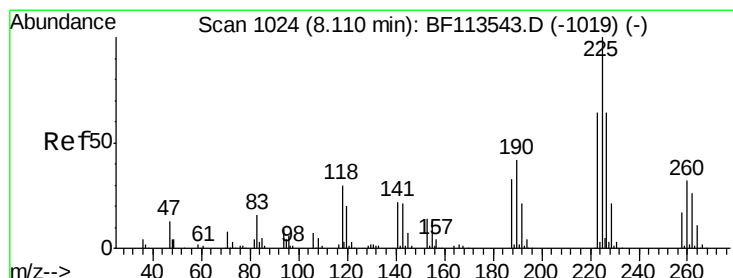
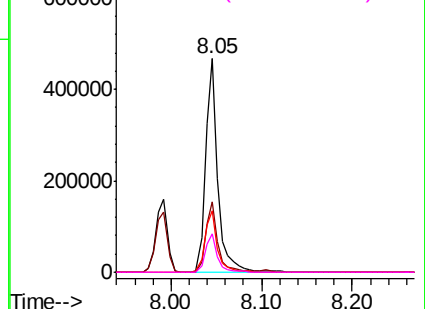
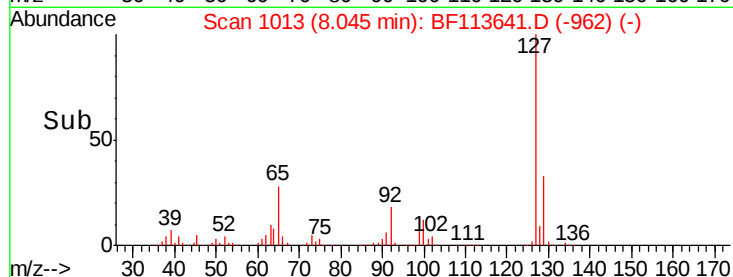
#33
4-Chloroaniline
Concen: 42.241 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	441454
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	28.6	24.2	36.4
92	18.1	15.0	22.6

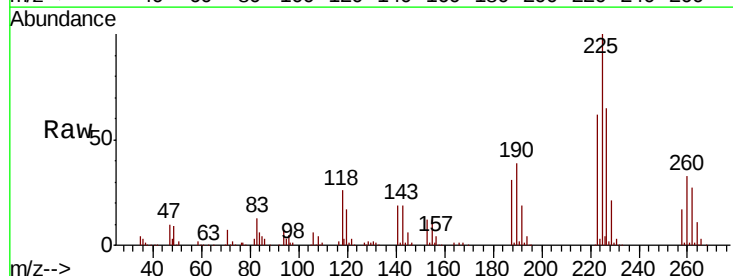


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

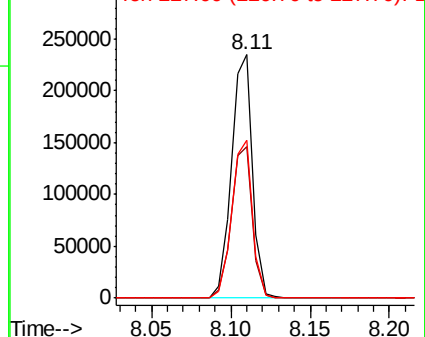
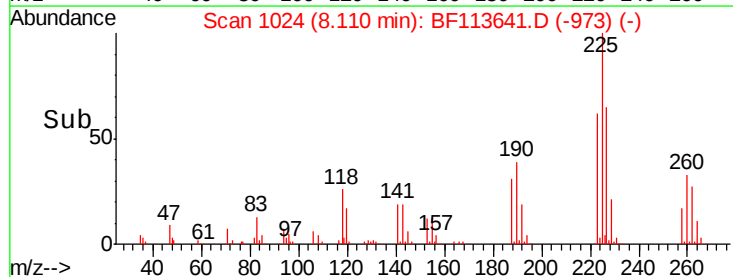


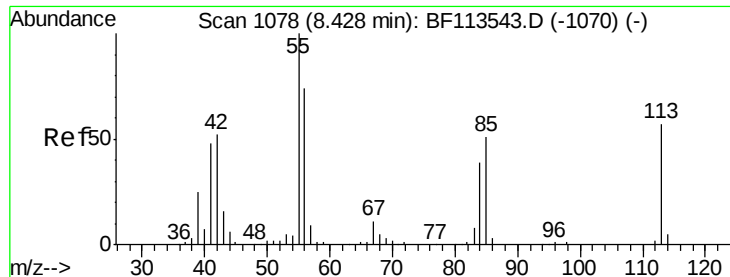
#34
Hexachlorobutadiene
Concen: 41.177 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Tgt Ion:	225	Resp:	214640
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.4	77.2
227	64.7	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

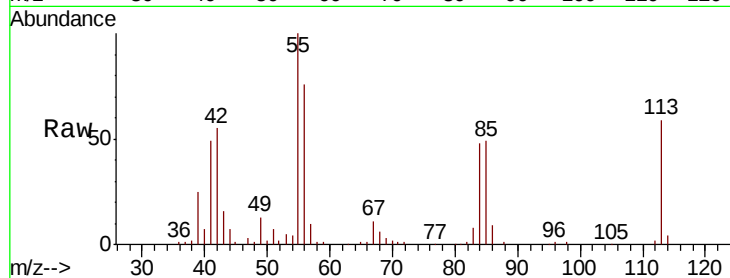




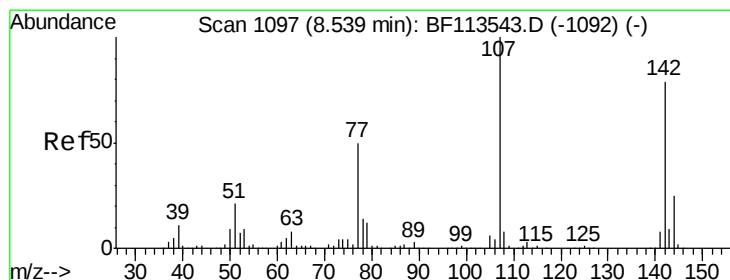
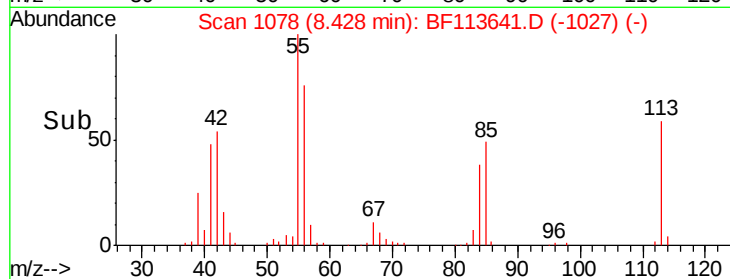
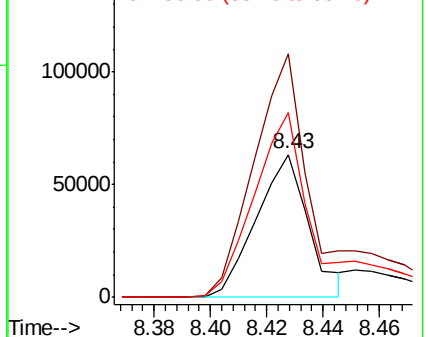
#35
 Caprolactam
 Concen: 32.584 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 81435
 Ion Ratio Lower Upper
 113 100
 55 170.7 152.7 192.7
 56 129.6 108.3 148.3

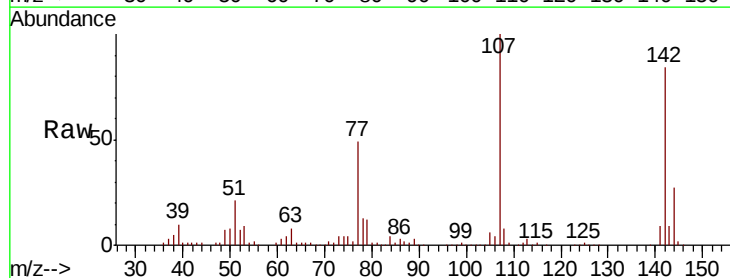


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

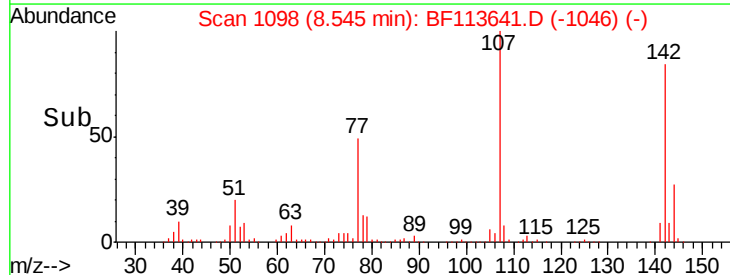
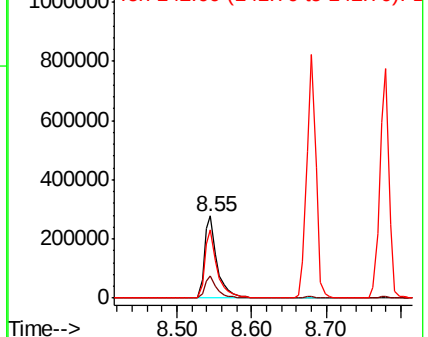


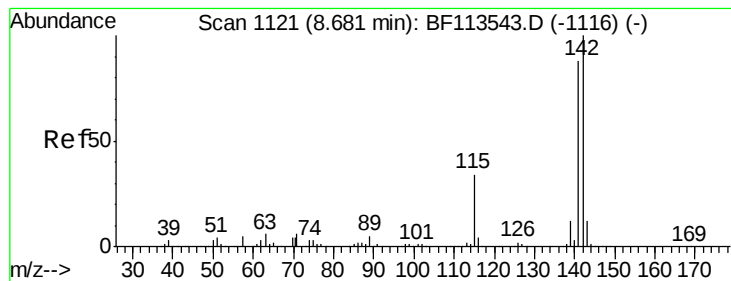
#36
 4-Chloro-3-methylphenol
 Concen: 41.384 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Tgt Ion:107 Resp: 327070
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.4 32.0
 142 84.0 65.6 98.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

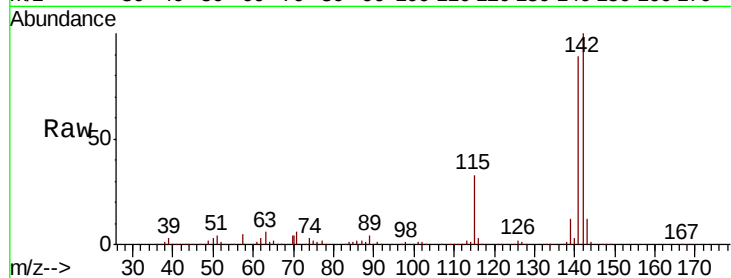




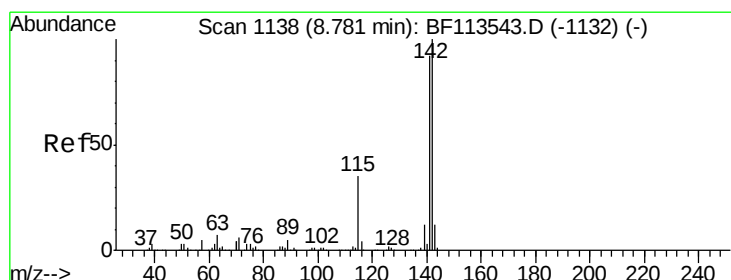
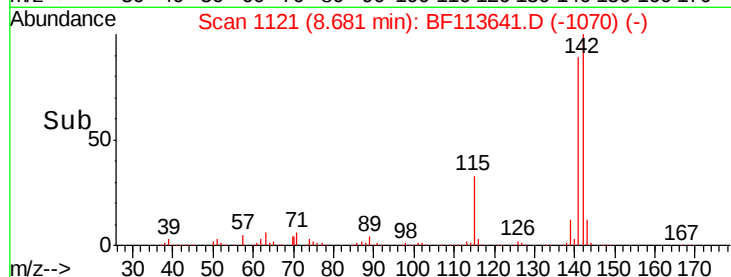
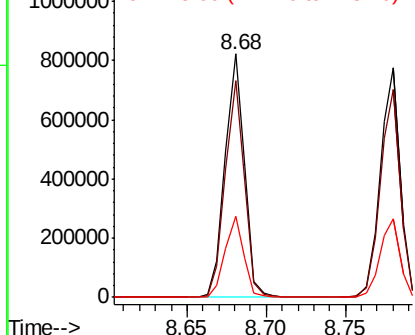
#37
2-Methylnaphthalene
Concen: 40.125 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 695546
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.6
115 33.4 26.6 39.8

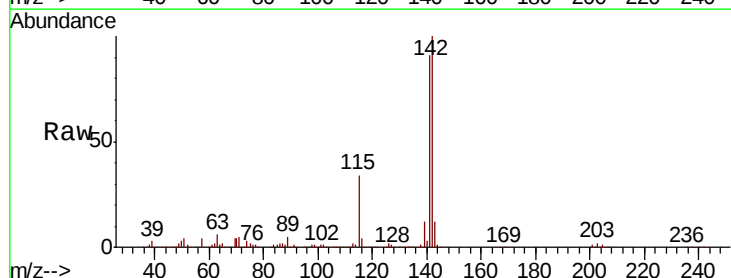


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

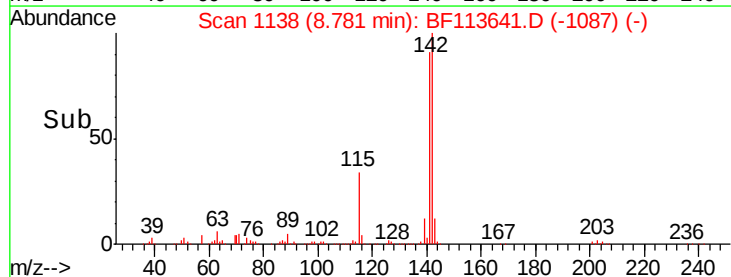
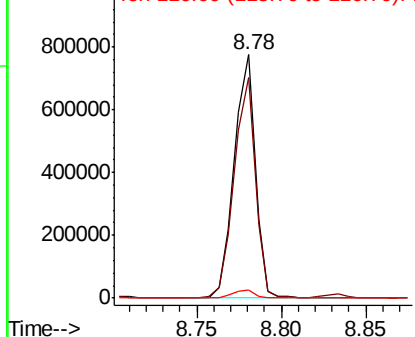


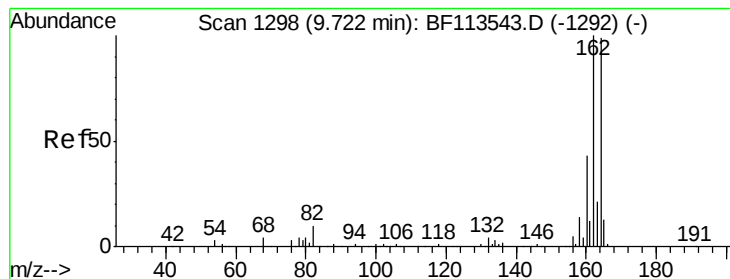
#38
1-Methylnaphthalene
Concen: 40.144 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Tgt Ion:142 Resp: 671002
Ion Ratio Lower Upper
142 100
141 90.5 73.2 109.8
116 3.6 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

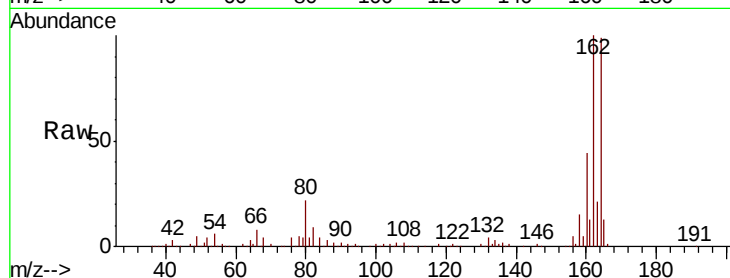
Instrument :

BNA_F

ClientSampleId :

Tot Ion:164 Resp: 263337

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.8	122.6
160	44.1	36.4	54.6

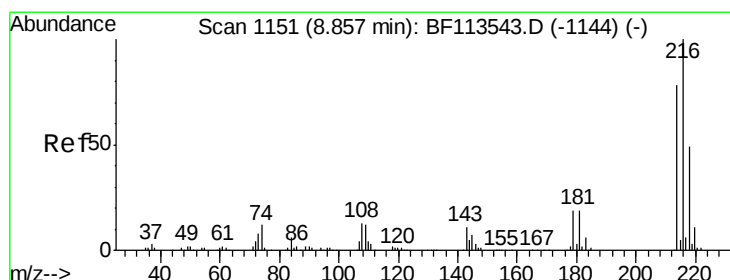
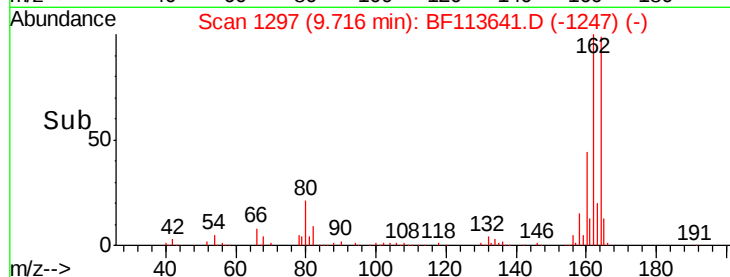
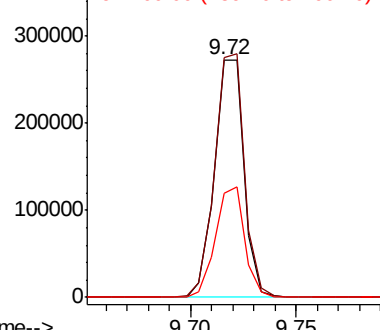


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.264 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

Tgt Ion:216 Resp: 342912

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.6
179	20.2	16.8	25.2
108	16.2	13.8	20.6

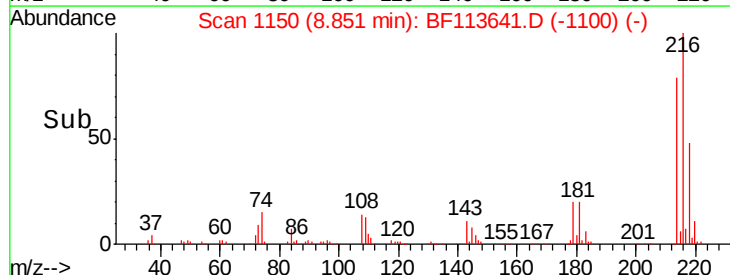
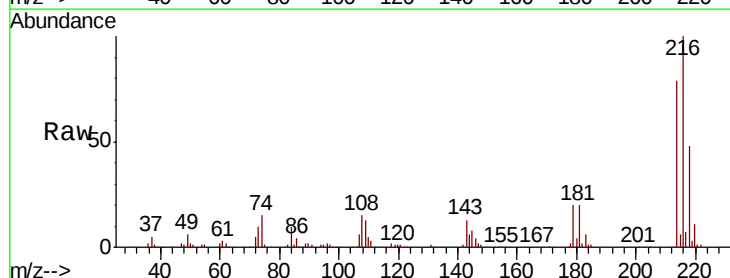
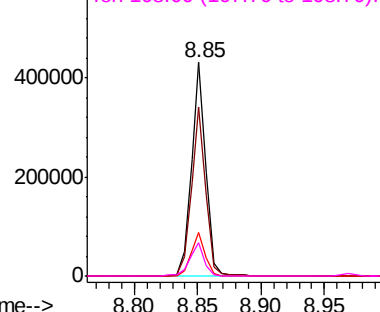
Abundance

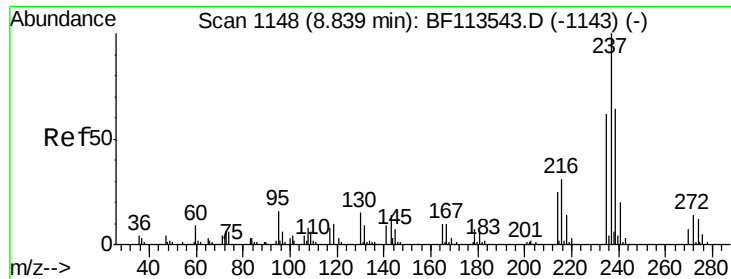
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.070 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

Instrument :

BNA_F

ClientSampleId :

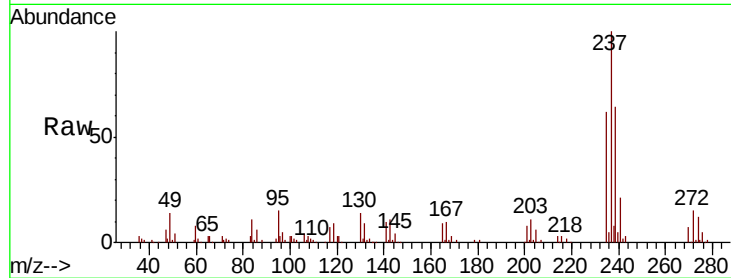
Tot Ion:237 Resp: 88377

Ion Ratio Lower Upper

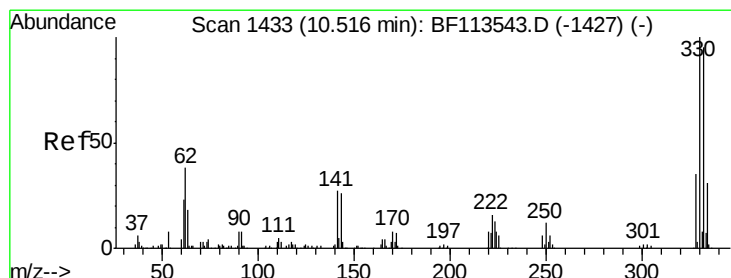
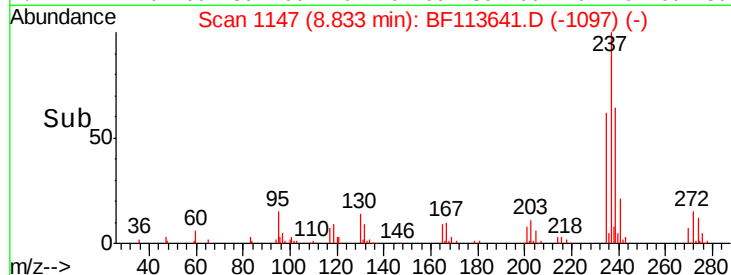
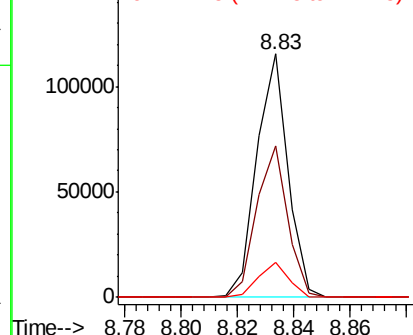
237 100

235 62.2 43.4 83.4

272 14.6 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 82.417 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

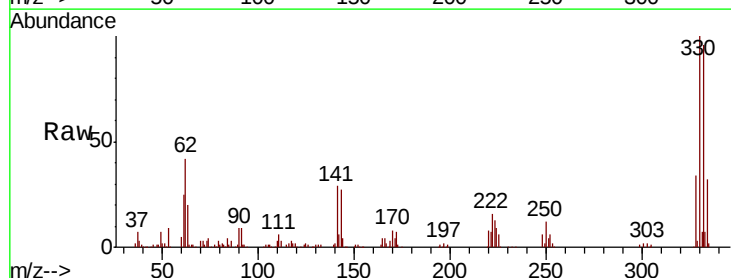
Tgt Ion:330 Resp: 260712

Ion Ratio Lower Upper

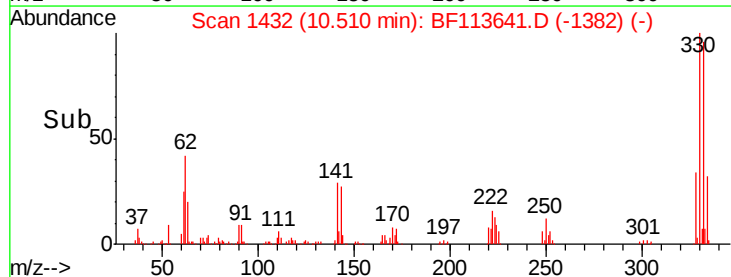
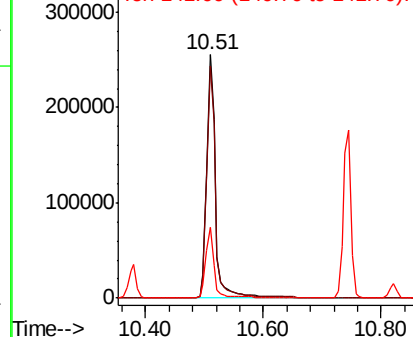
330 100

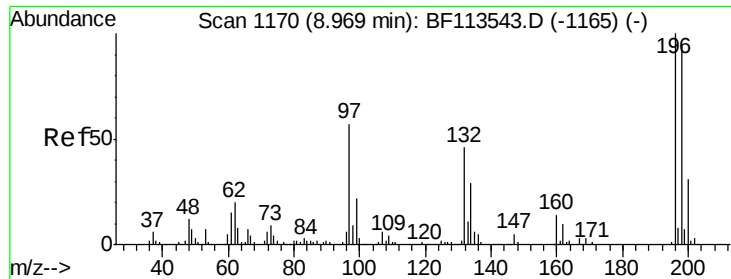
332 96.1 77.8 116.6

141 26.4 22.7 34.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

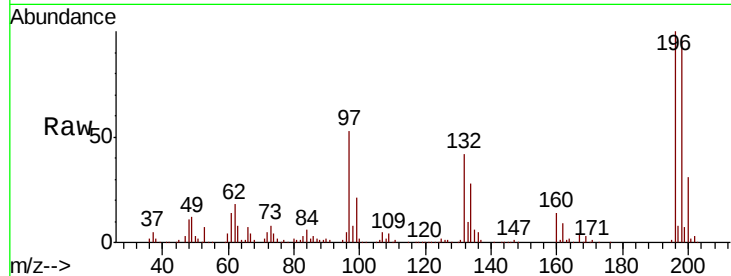




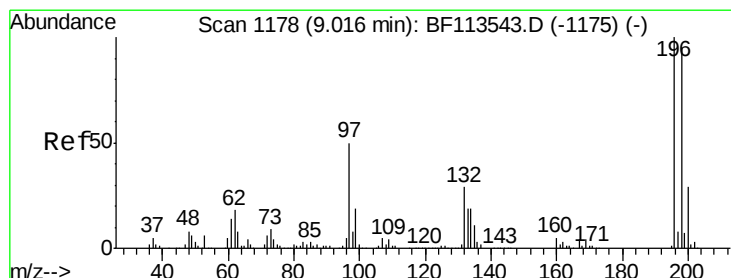
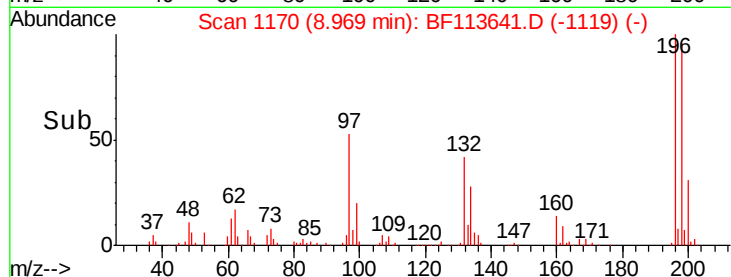
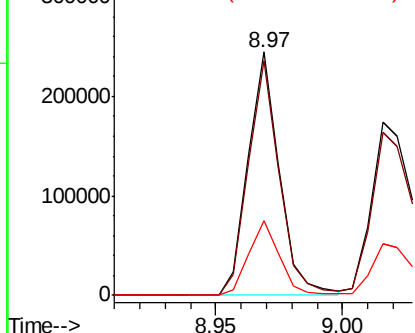
#43
 2,4,6-Trichlorophenol
 Concen: 39.274 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 211132
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.7 116.5
 200 30.6 24.9 37.3

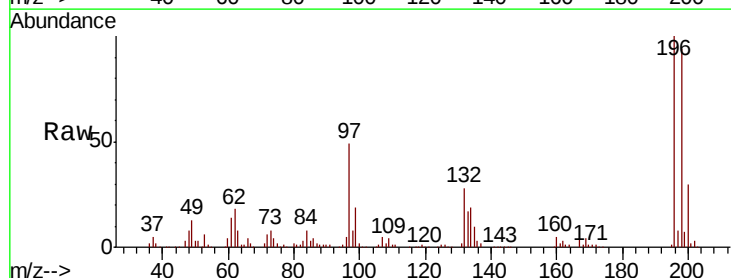


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

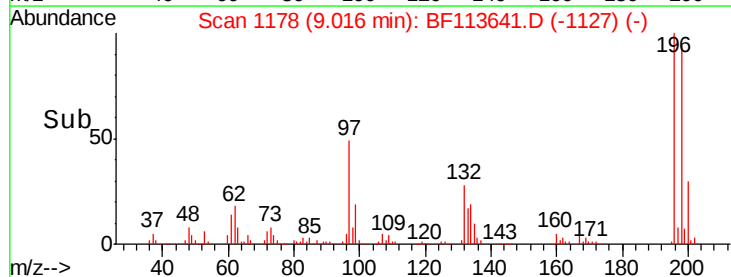
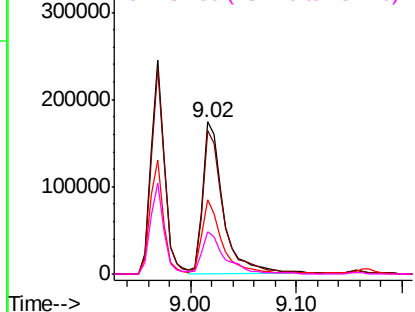


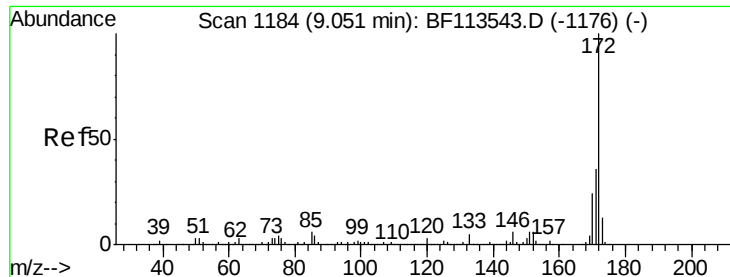
#44
 2,4,5-Trichlorophenol
 Concen: 40.602 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Tgt Ion:196 Resp: 234333
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.4 113.2
 97 48.7 38.6 58.0
 132 28.2 22.9 34.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

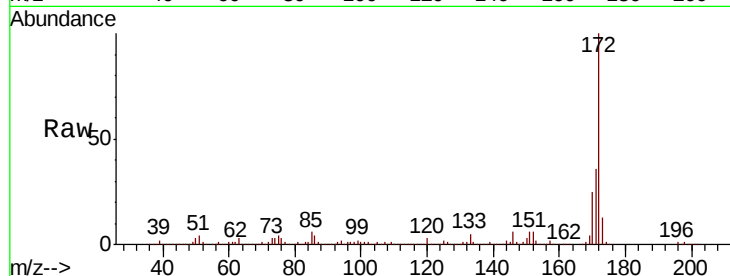




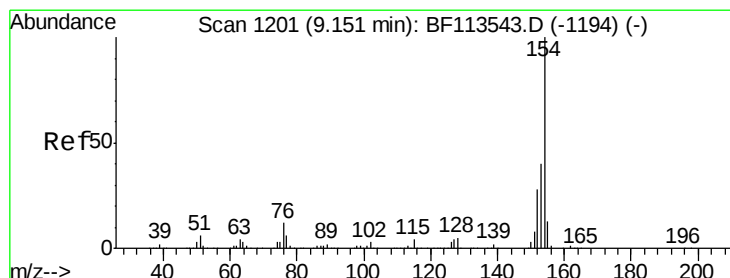
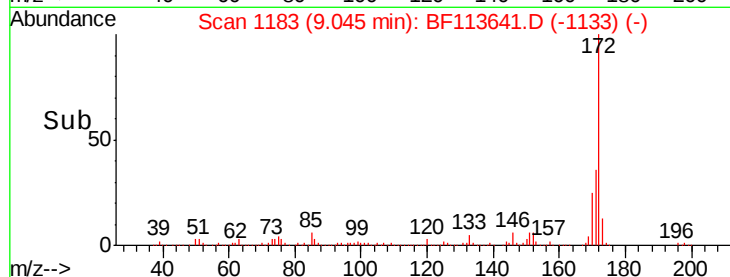
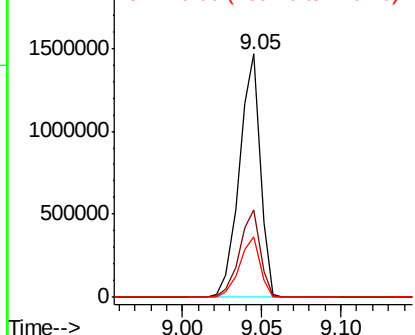
#45
2-Fluorobiphenyl
Concen: 81.871 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1339192
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 24.6 19.5 29.3

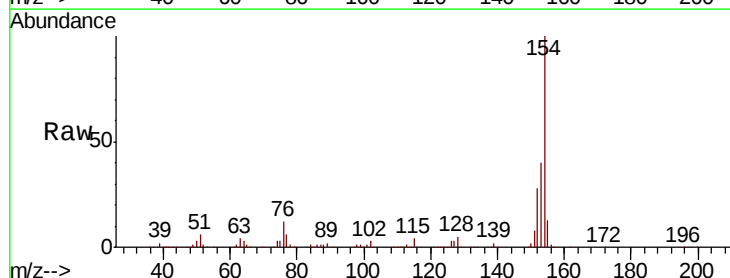


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

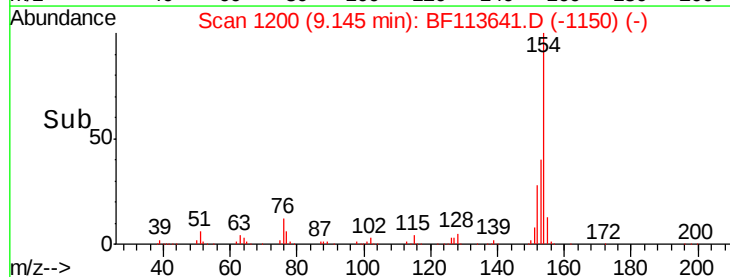
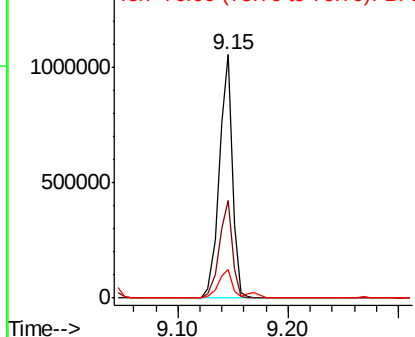


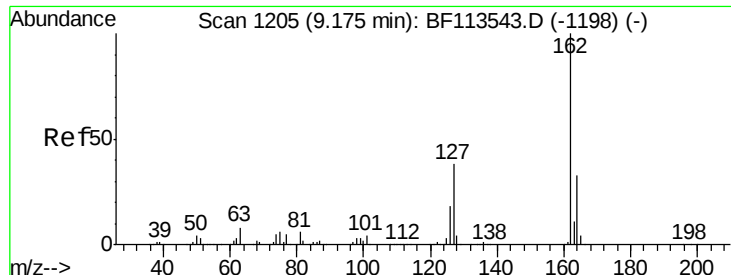
#46
1,1'-Biphenyl
Concen: 40.041 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Tgt Ion:154 Resp: 870092
Ion Ratio Lower Upper
154 100
153 40.3 20.8 60.8
76 11.6 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

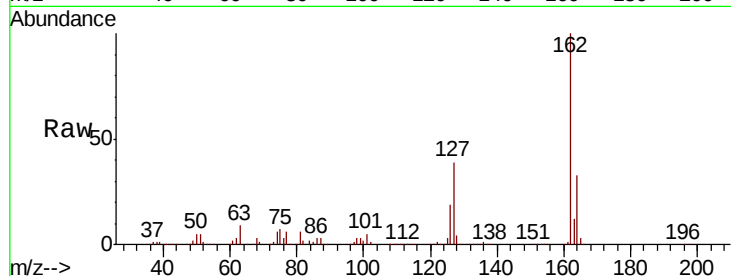




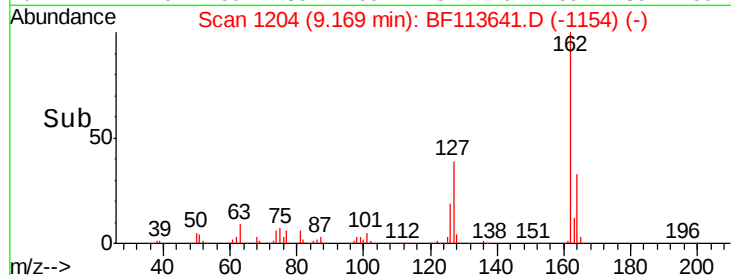
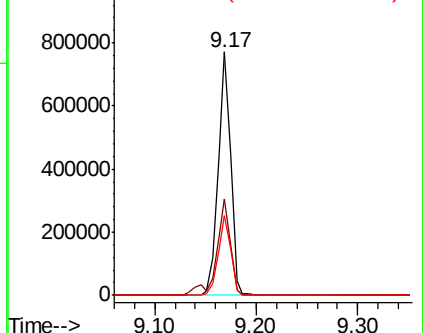
#47
 2-Chloronaphthalene
 Concen: 40.073 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	32.6	49.0
164	32.7	26.6	39.8

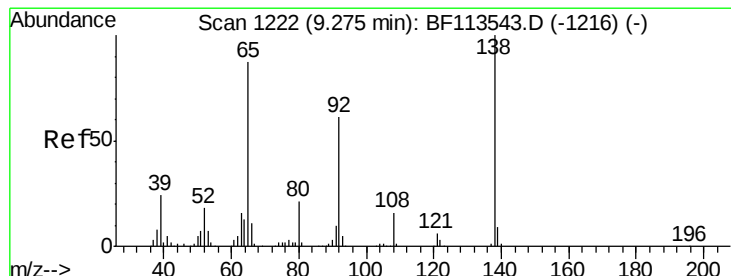


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

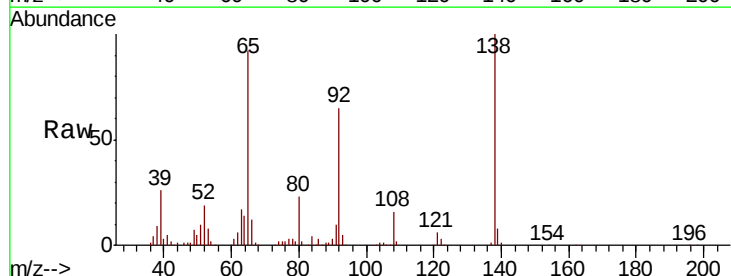
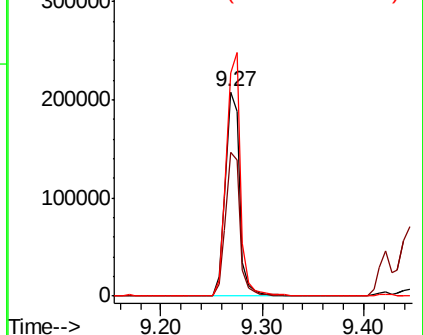


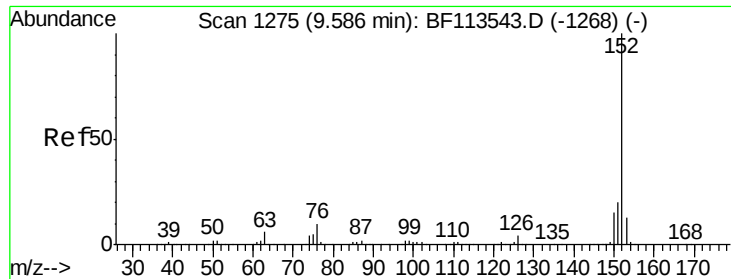
#48
 2-Nitroaniline
 Concen: 40.553 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	56.8	85.2
138	109.2	92.3	138.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.212 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

Instrument :

BNA_F

ClientSampleId :

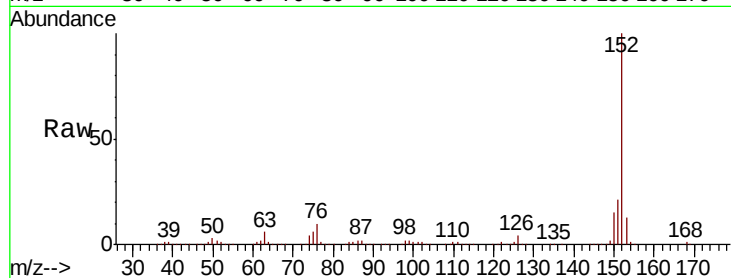
Tot Ion:152 Resp: 1075834

Ion Ratio Lower Upper

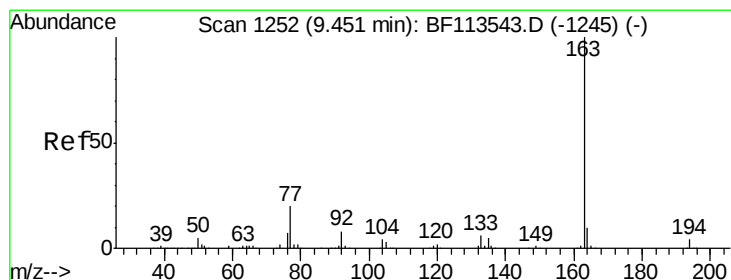
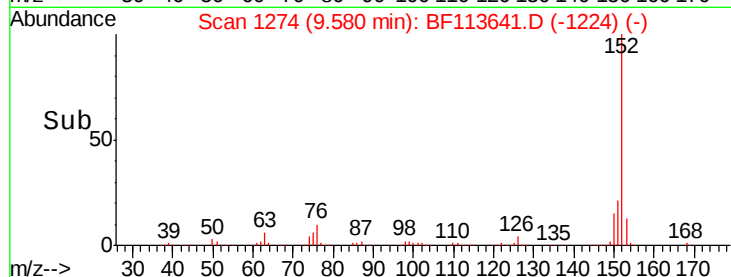
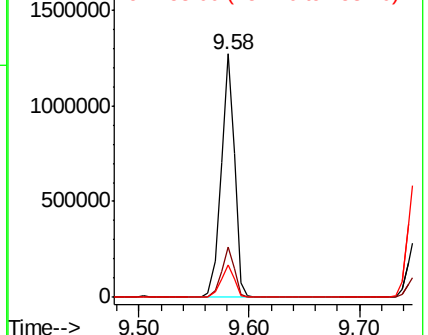
152 100

151 20.6 16.2 24.4

153 13.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.284 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

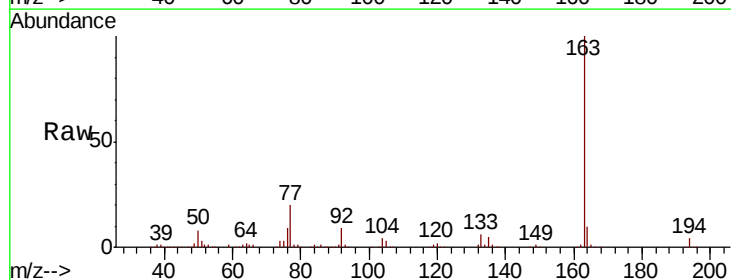
Tgt Ion:163 Resp: 762559

Ion Ratio Lower Upper

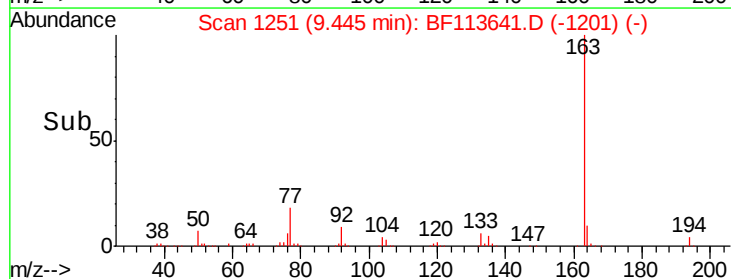
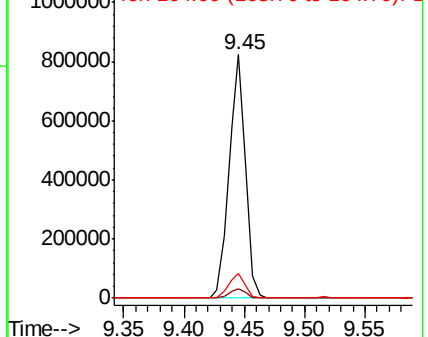
163 100

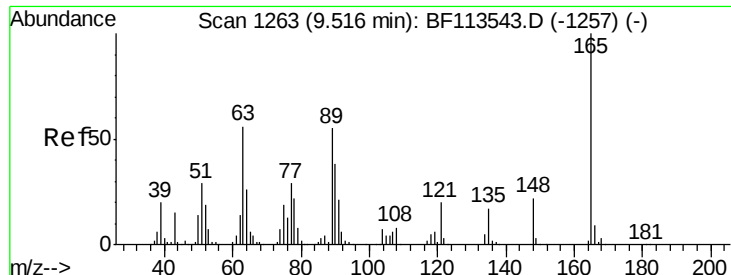
194 4.0 3.0 4.6

164 10.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

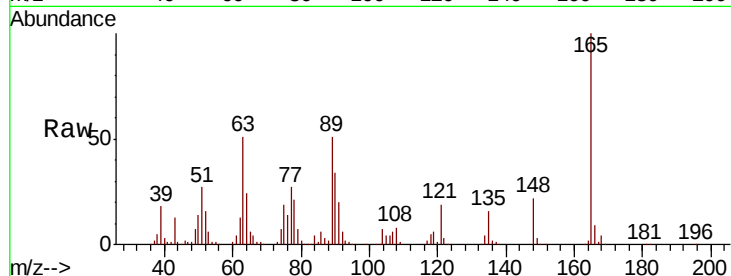




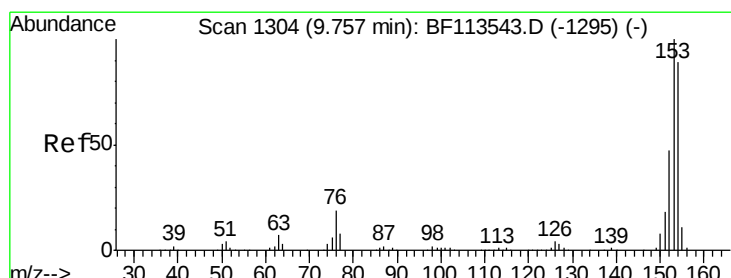
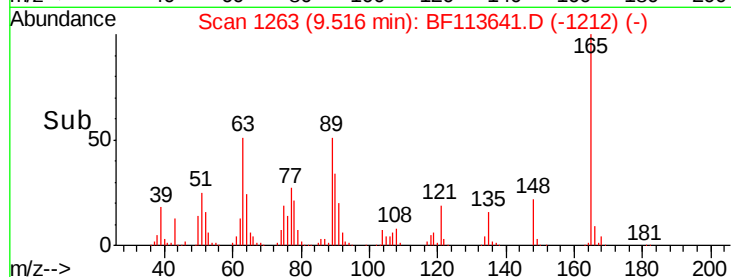
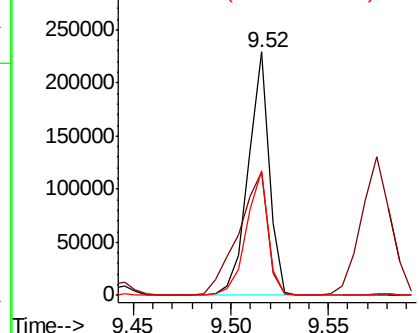
#51
 2,6-Dinitrotoluene
 Concen: 40.164 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 171857
 Ion Ratio Lower Upper
 165 100
 63 50.8 43.4 65.0
 89 51.2 43.1 64.7

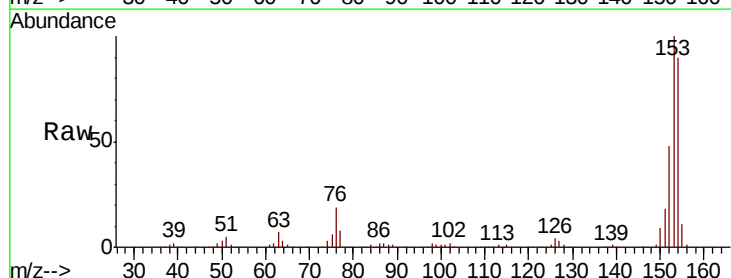


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

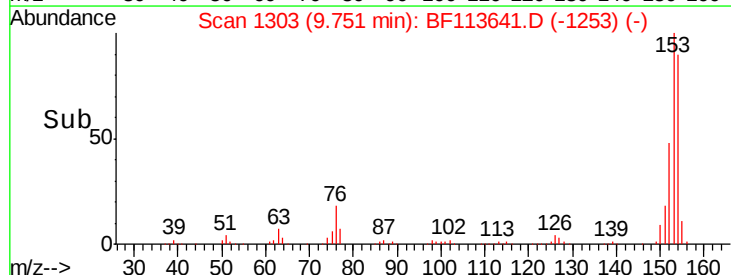
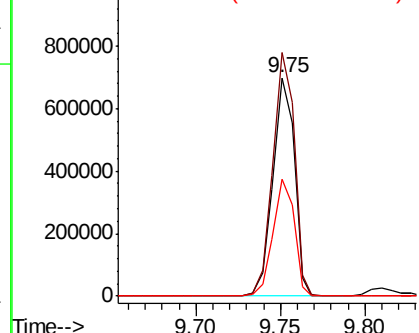


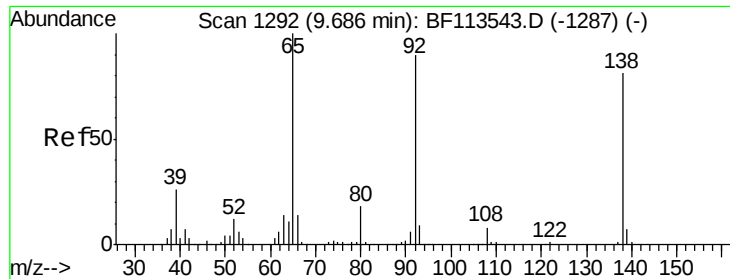
#52
 Acenaphthene
 Concen: 40.219 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Tgt Ion:154 Resp: 615944
 Ion Ratio Lower Upper
 154 100
 153 111.6 89.5 134.3
 152 53.7 43.3 64.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

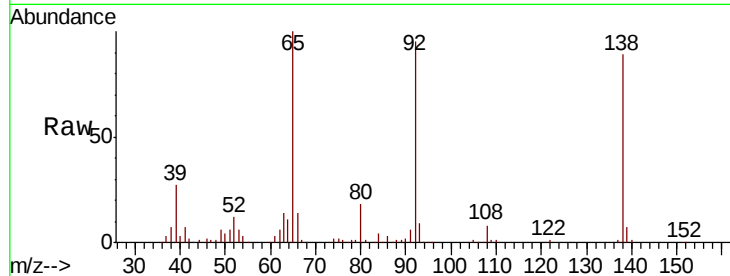




#53
 3-Nitroaniline
 Concen: 40.488 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	7.8	11.6
92	106.7	82.6	124.0

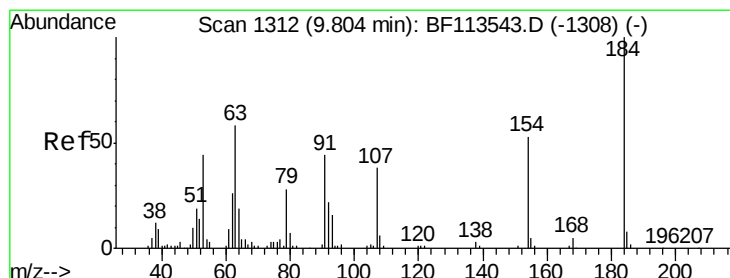
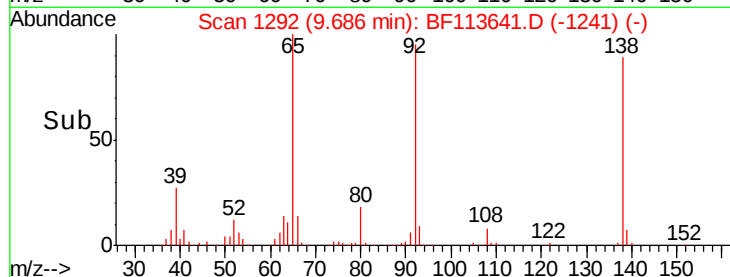
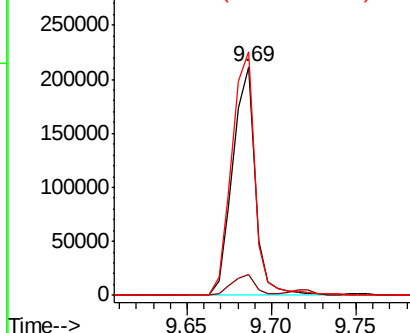


Abundance

Ion 138.00 (137.70 to 138.70): E

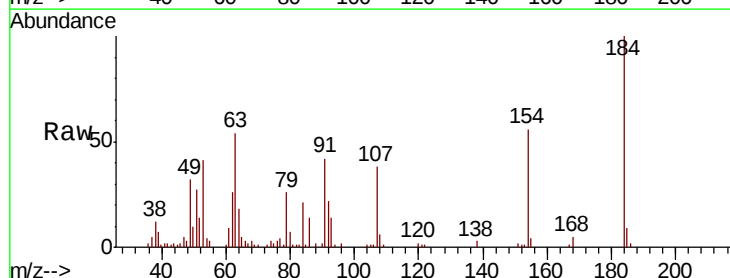
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 34.397 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.6	54.3	81.5#
154	56.3	48.4	72.6

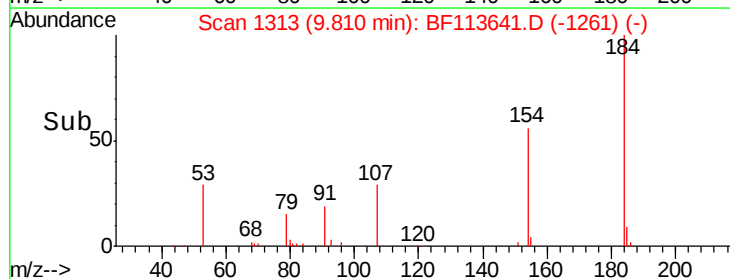
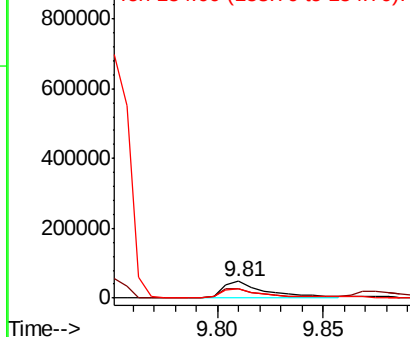


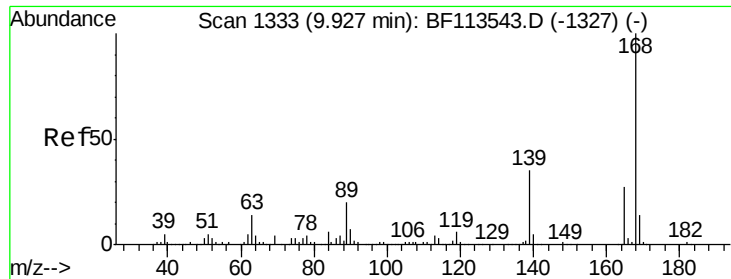
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

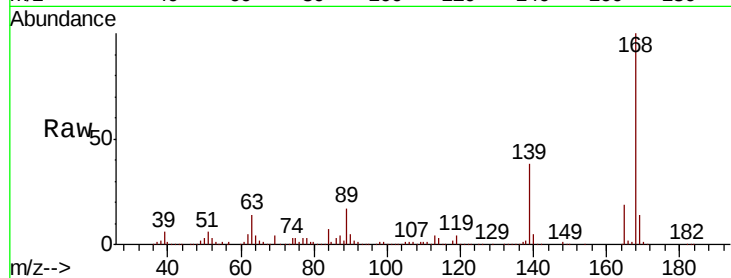




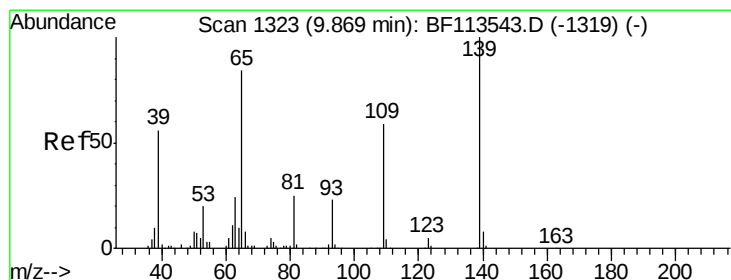
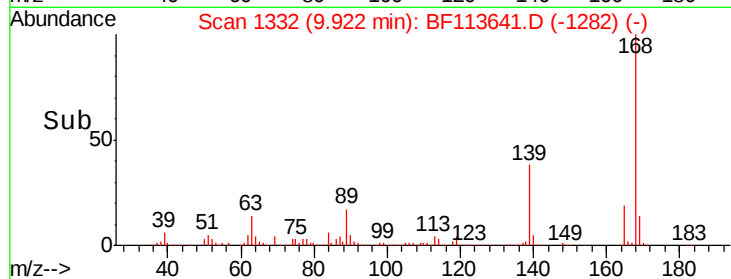
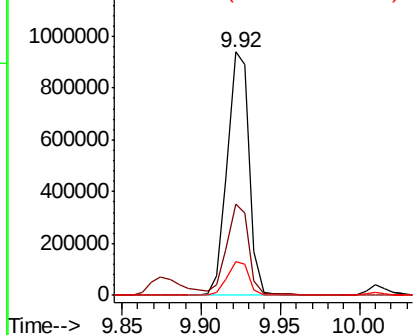
#55
Dibenzofuran
Concen: 40.038 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 899464
Ion Ratio Lower Upper
168 100
139 37.5 29.7 44.5
169 13.9 10.7 16.1

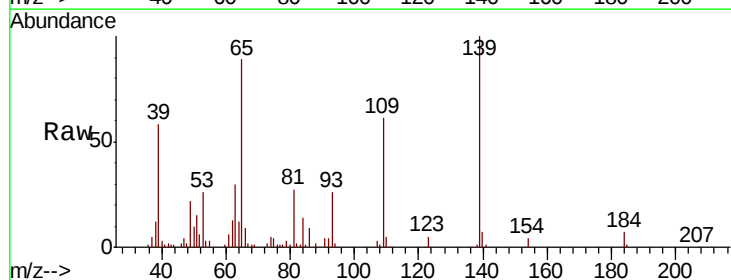


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

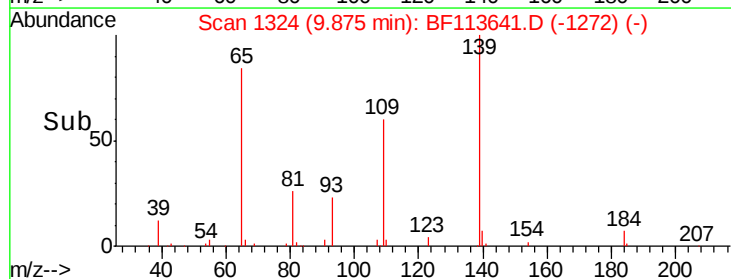
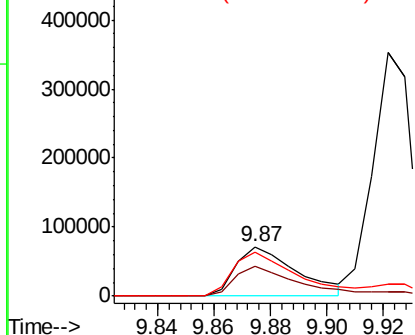


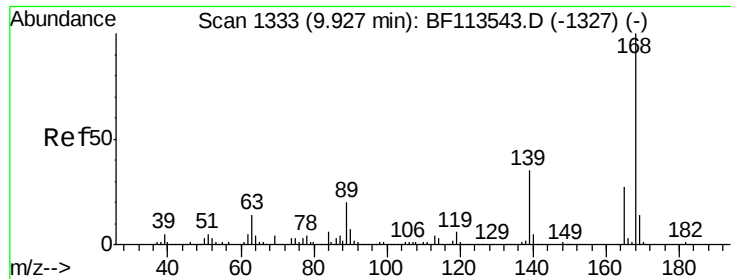
#56
4-Nitrophenol
Concen: 34.852 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Tgt Ion:139 Resp: 105174
Ion Ratio Lower Upper
139 100
109 60.9 46.9 86.9
65 89.1 77.2 117.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

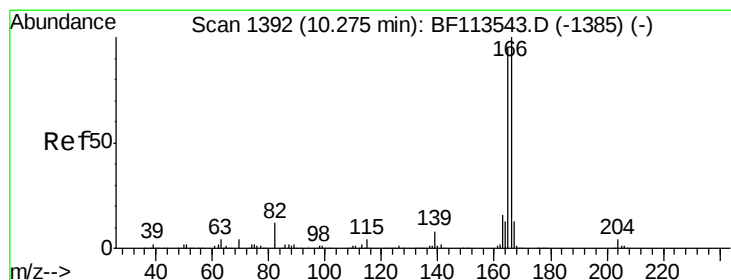
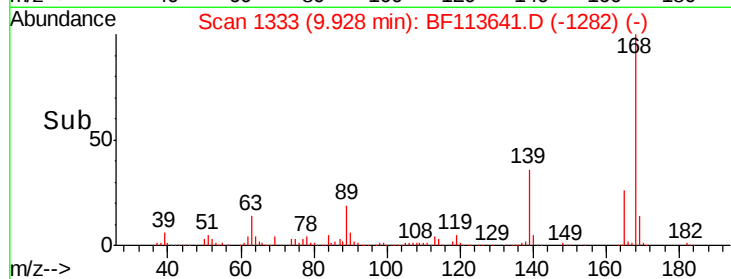
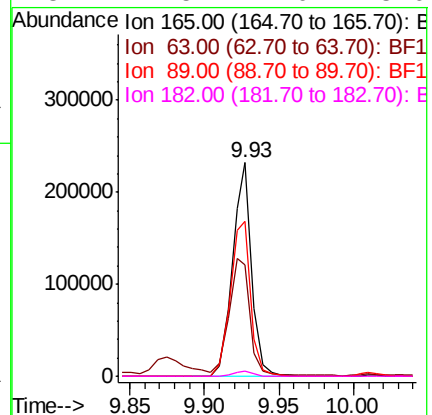
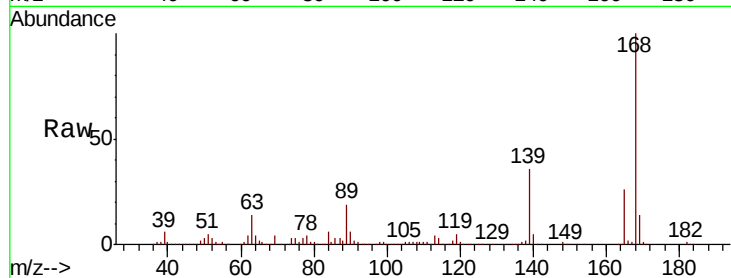




#57
2,4-Dinitrotoluene
Concen: 40.561 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

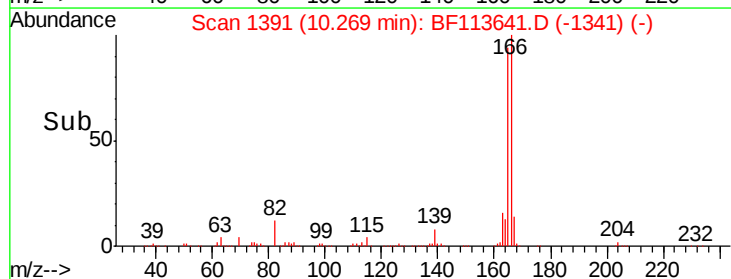
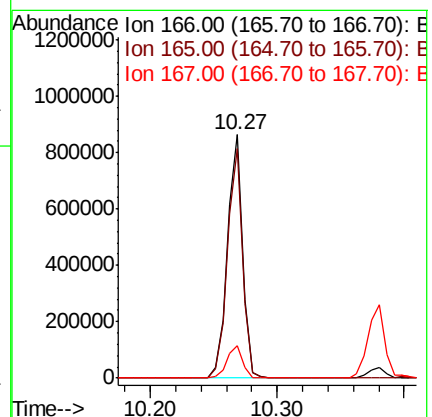
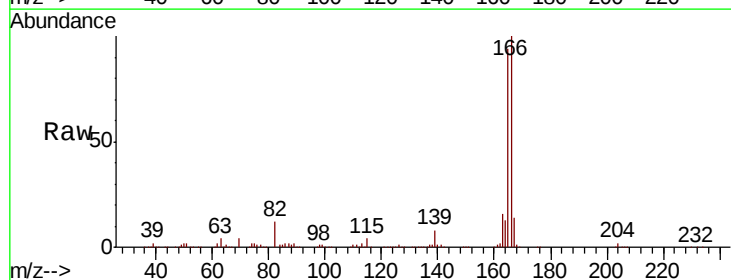
Instrument :
BNA_F
ClientSampleId :

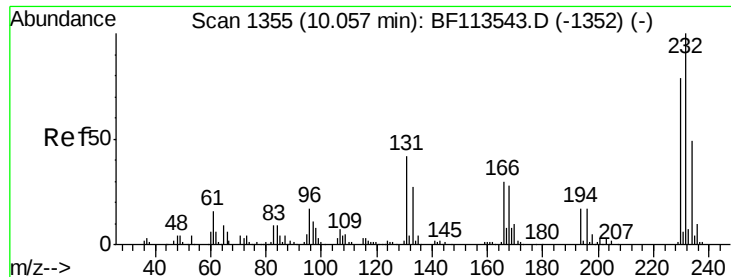
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.2	37.5	56.3
89	72.7	57.4	86.2
182	2.5	2.0	3.0



#58
Fluorene
Concen: 40.583 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.4	76.2	114.2
167	13.6	10.7	16.1

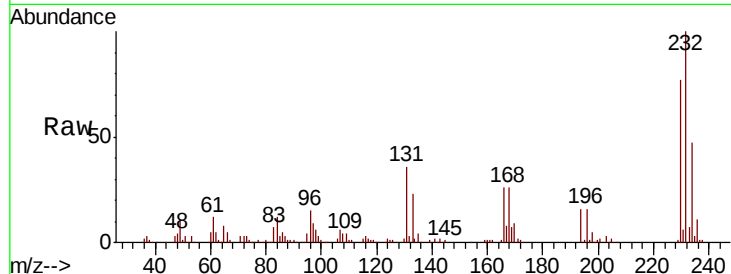




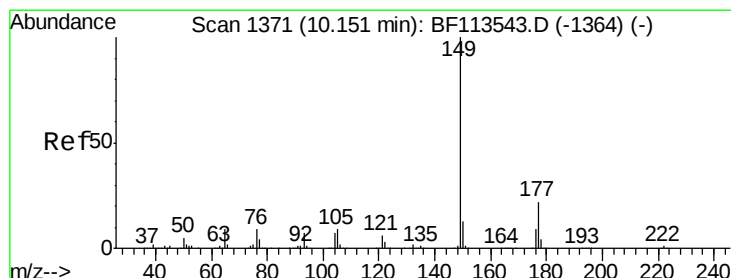
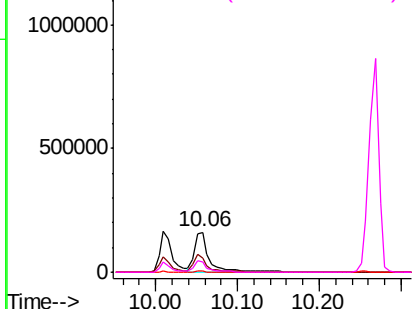
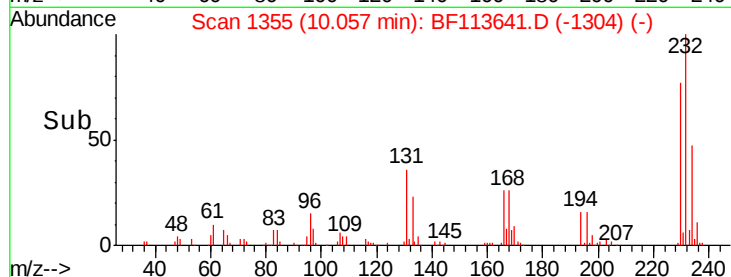
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.408 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	206862
Ion	Ratio	Lower	Upper
232	100		
131	40.4	33.2	49.8
130	1.9	1.6	2.4
166	25.7	21.0	31.6

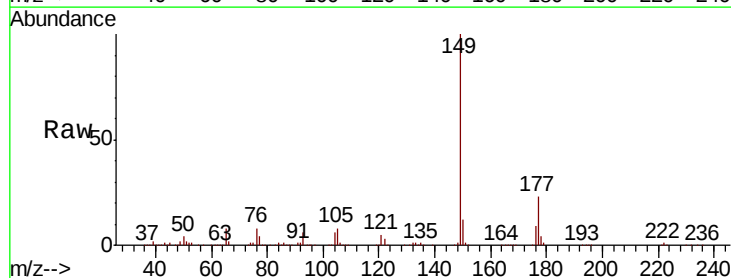


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

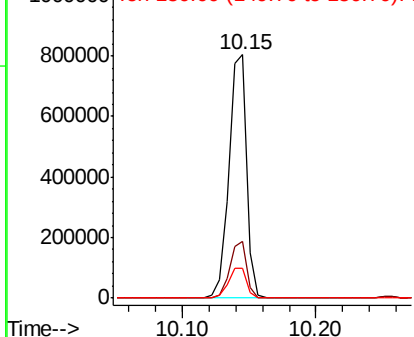
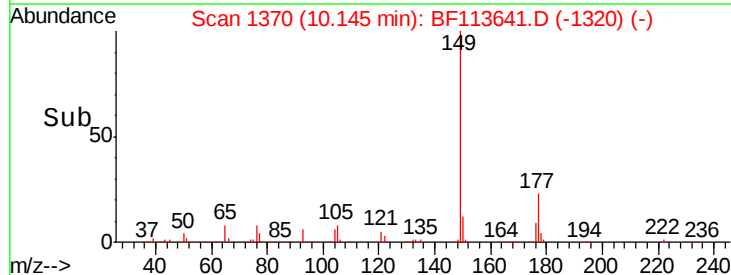


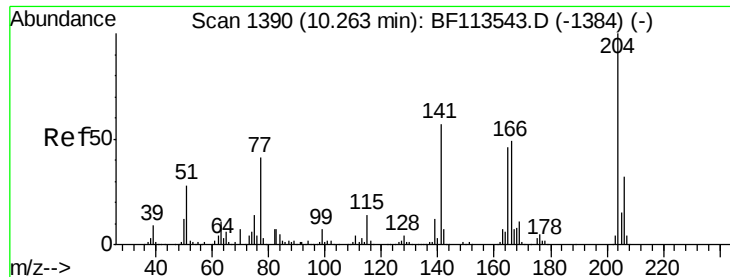
#60
 Diethylphthalate
 Concen: 40.267 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Tgt Ion:	149	Resp:	753609
Ion	Ratio	Lower	Upper
149	100		
177	23.3	17.4	26.0
150	12.4	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

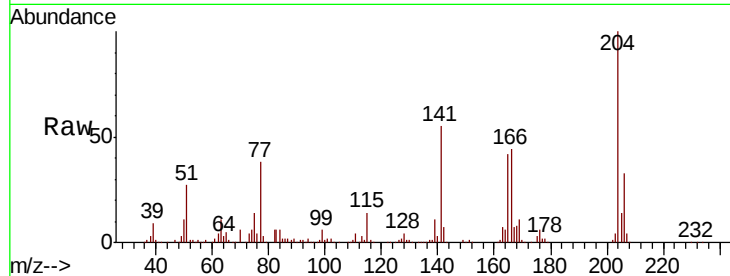




#61
 4-Chlorophenyl-phenylether
 Concen: 41.303 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.9	40.3
141	55.3	48.8	73.2

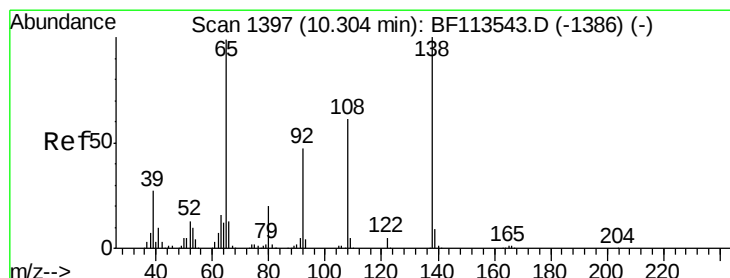
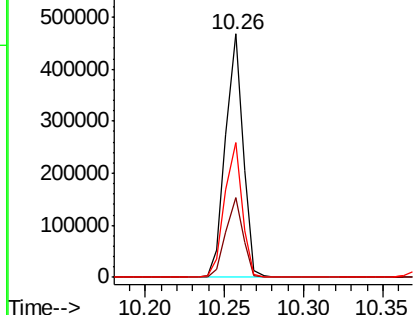
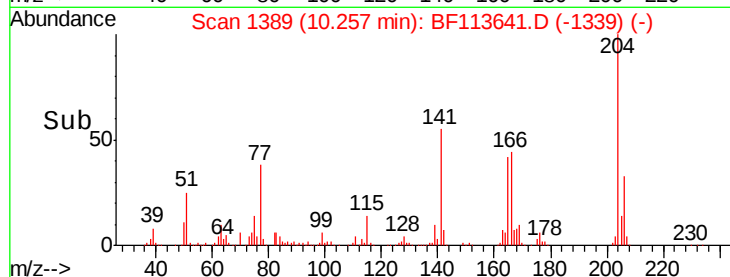


Abundance

Ion 204.00 (203.70 to 204.70): E

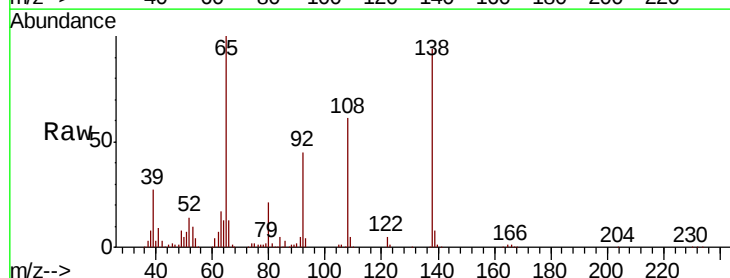
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 39.648 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.0	25.8	65.8
108	65.1	44.0	84.0

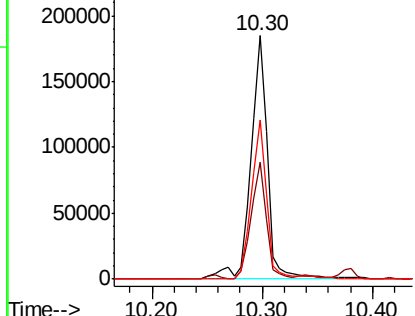
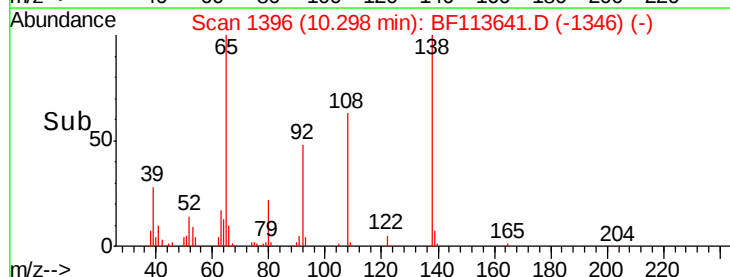


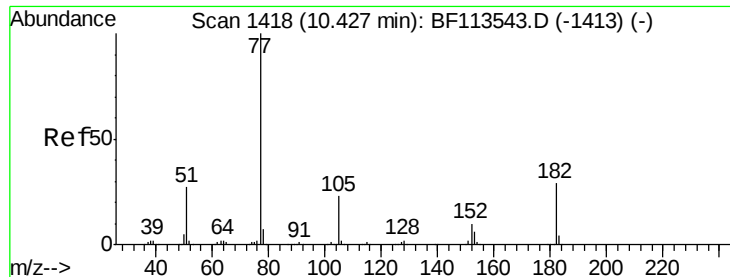
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.303 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 714189

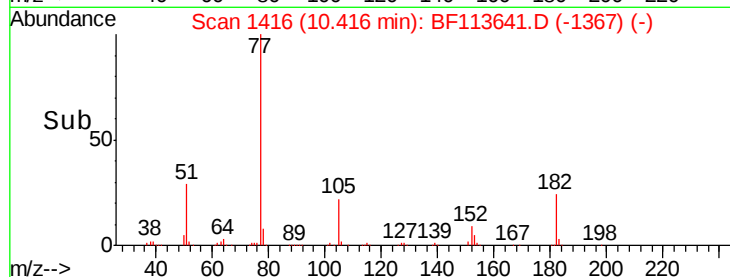
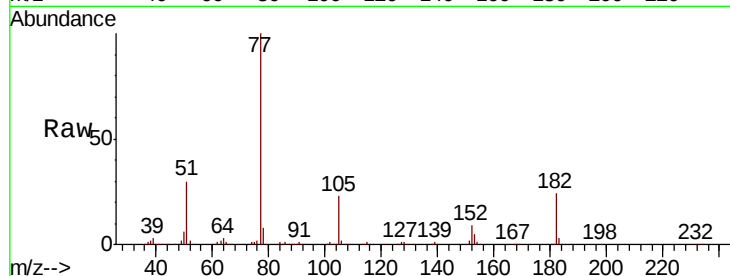
Ion Ratio Lower Upper

77 100

182 24.3 8.7 48.7

105 22.5 2.9 42.9

51 29.6 8.8 48.8

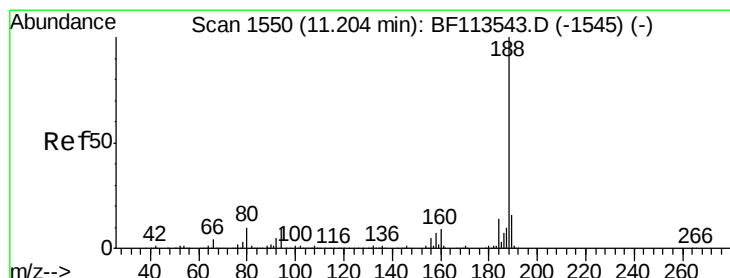
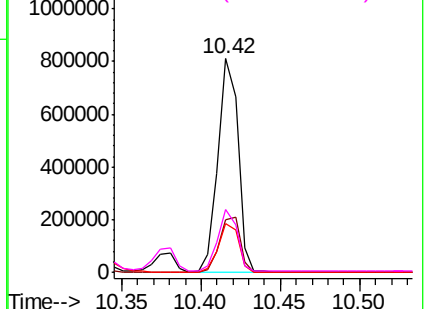


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

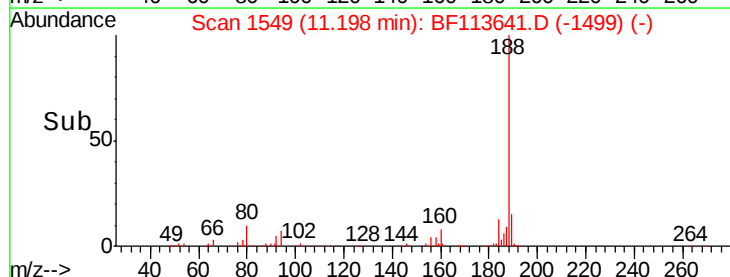
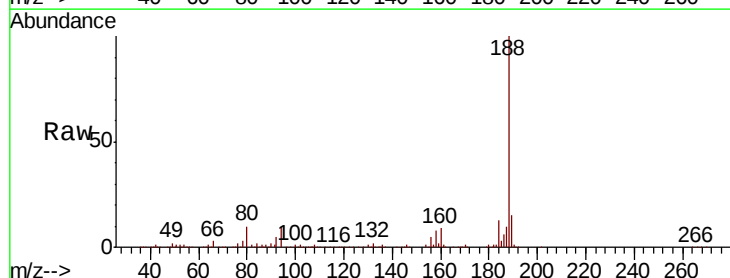
Tgt Ion: 188 Resp: 512073

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.6

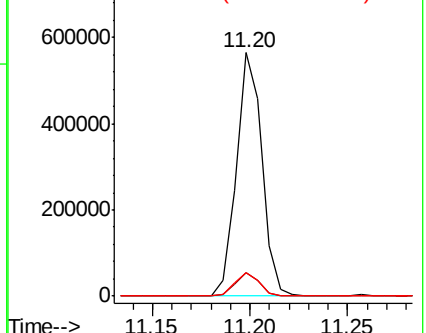
80 9.9 7.7 11.5

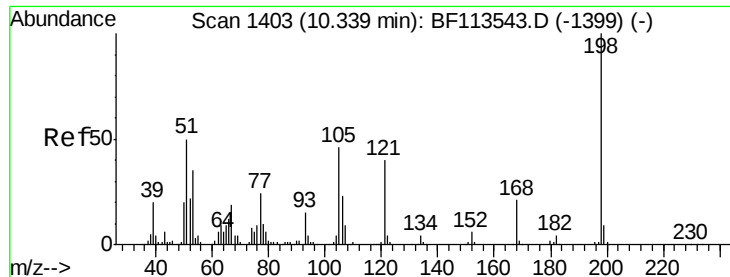


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

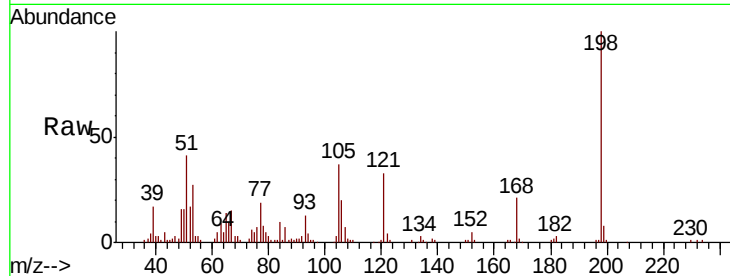




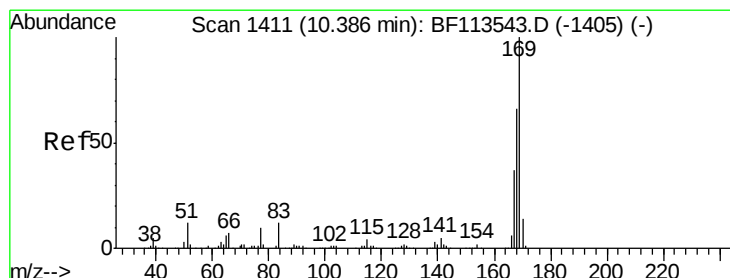
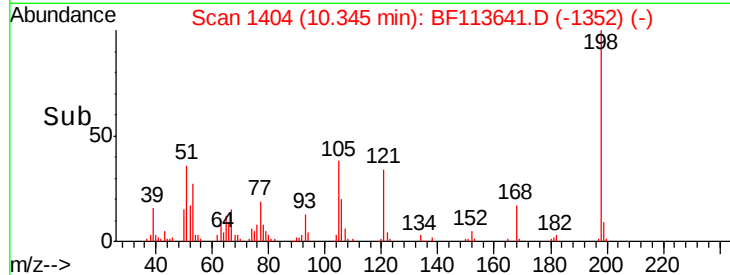
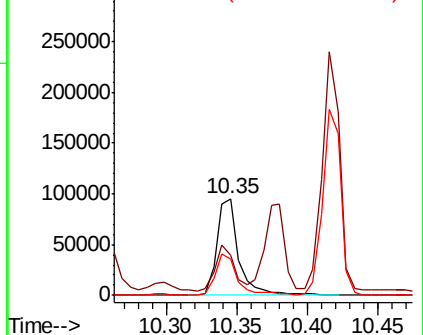
#65
4,6-Dinitro-2-methylphenol
Concen: 38.221 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 103037
Ion Ratio Lower Upper
198 100
51 41.2 21.6 61.6
105 37.2 20.6 60.6

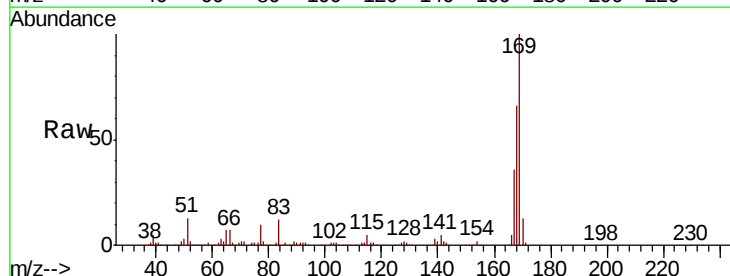


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

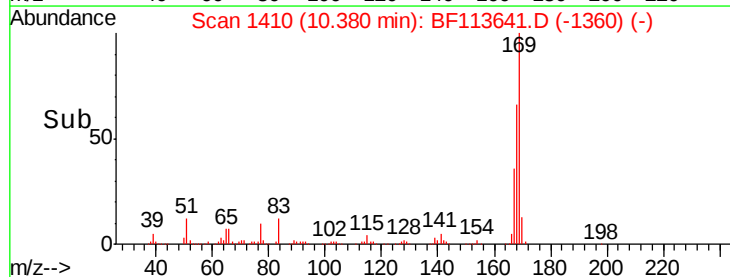
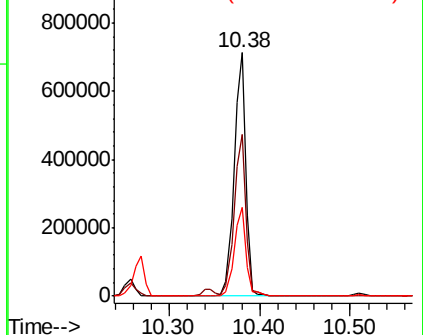


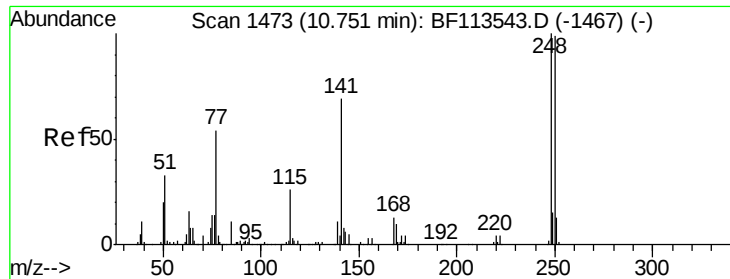
#66
n-Nitrosodiphenylamine
Concen: 40.993 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Tgt Ion:169 Resp: 644429
Ion Ratio Lower Upper
169 100
168 66.2 53.7 80.5
167 36.2 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

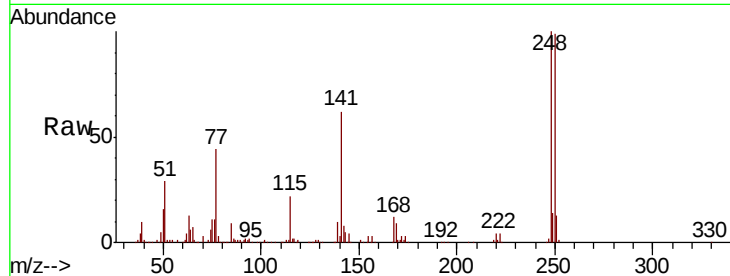




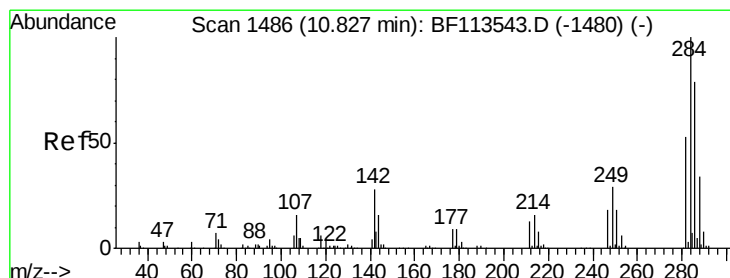
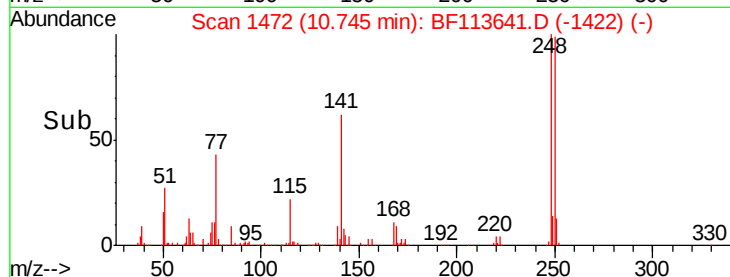
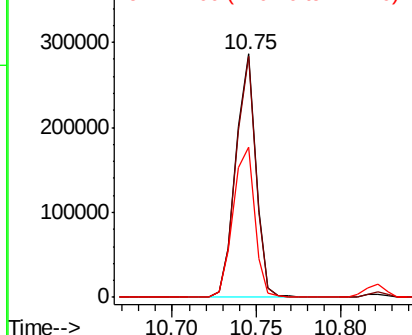
#67
4-Bromophenyl-phenylether
Concen: 41.312 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 237260
Ion Ratio Lower Upper
248 100
250 98.8 78.3 117.5
141 61.7 56.2 84.4

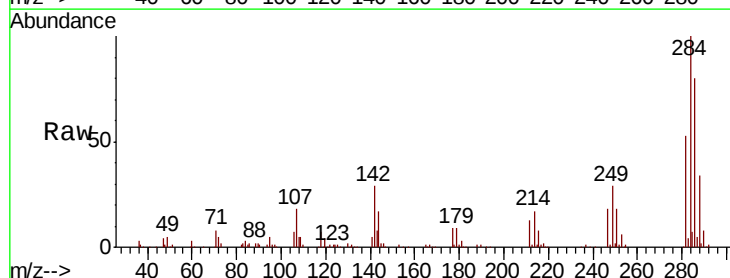


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

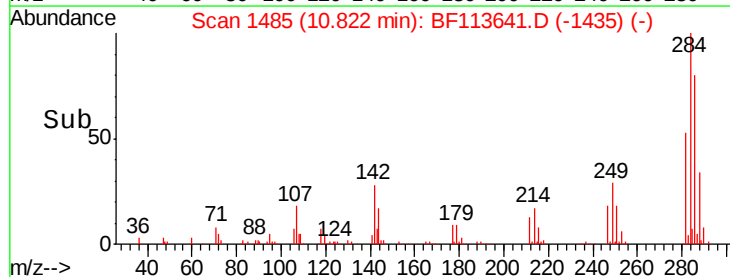
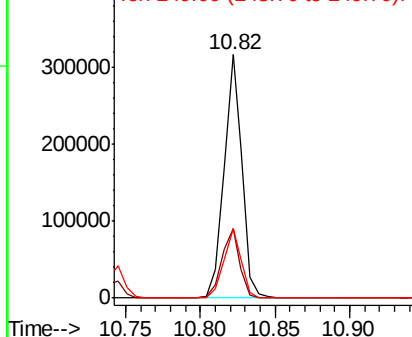


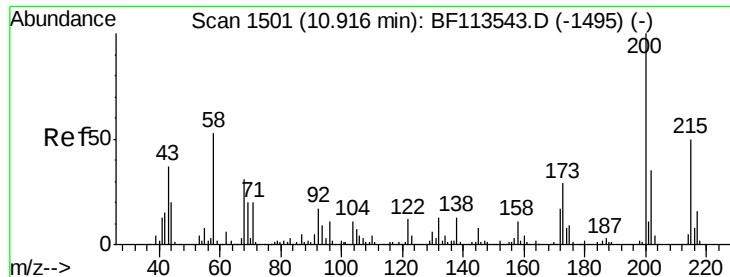
#68
Hexachlorobenzene
Concen: 40.707 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Tgt Ion:284 Resp: 267873
Ion Ratio Lower Upper
284 100
142 28.8 20.1 30.1
249 28.7 22.7 34.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

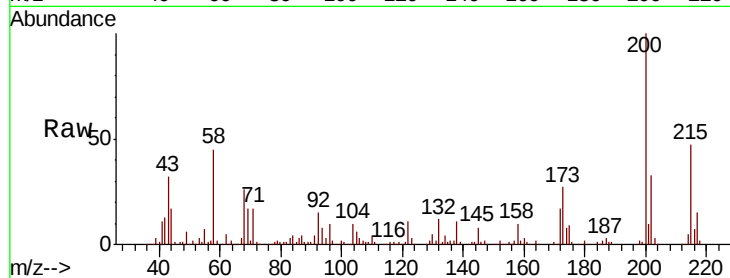




#69
 Atrazine
 Concen: 40.536 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.0	46.0
215	47.3	31.3	71.3

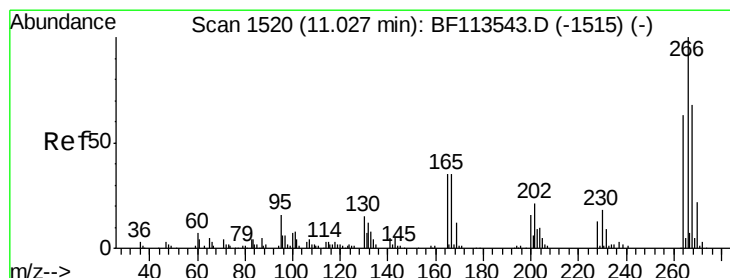
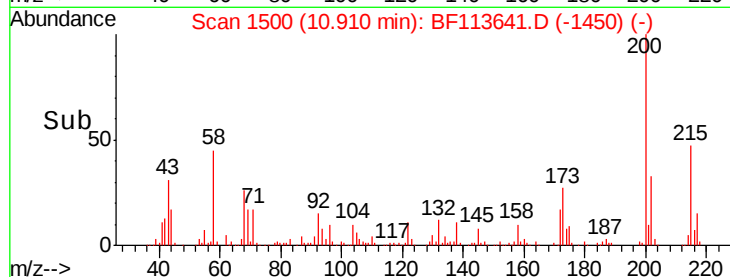
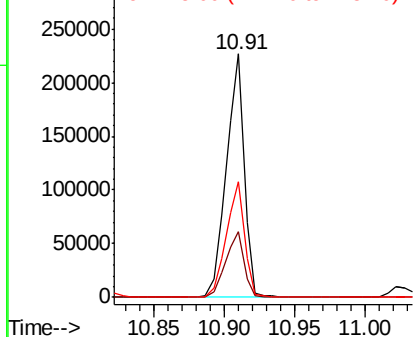


Abundance

Ion 200.00 (199.70 to 200.70): E

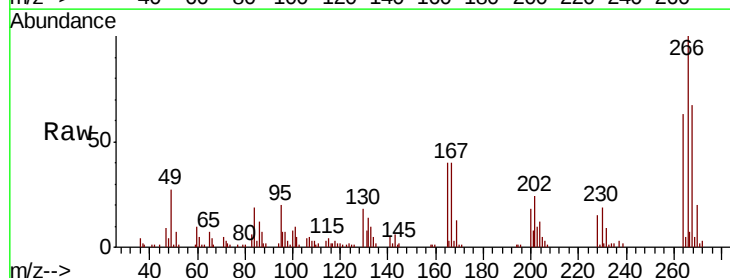
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 33.213 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.5	53.8	80.6
264	62.5	49.2	73.8

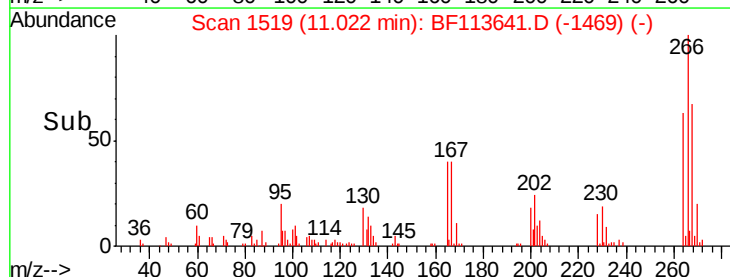
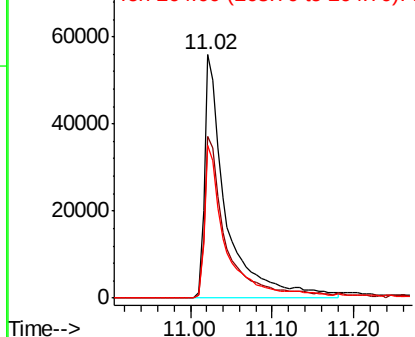


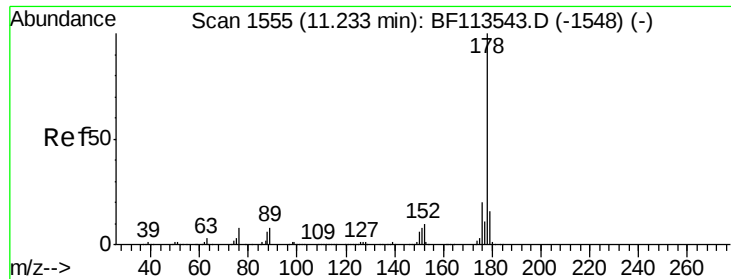
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

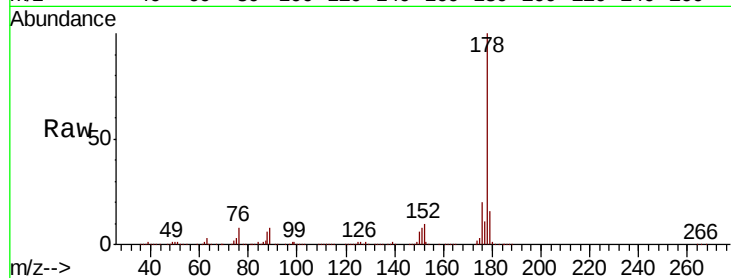




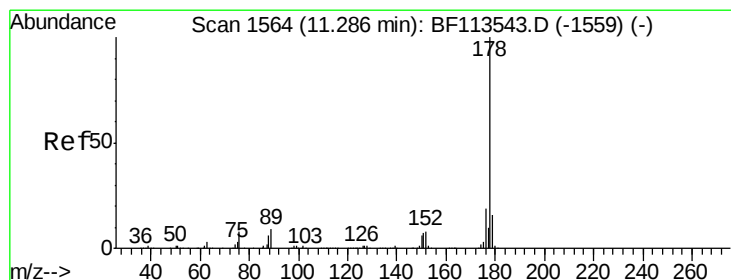
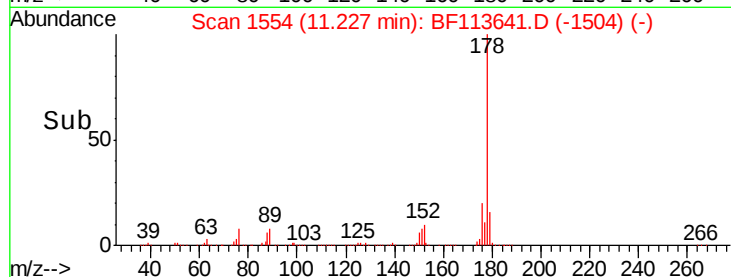
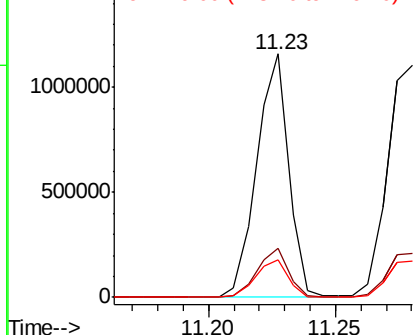
#71
Phenanthrene
Concen: 40.138 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1021324
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 15.6 12.7 19.1

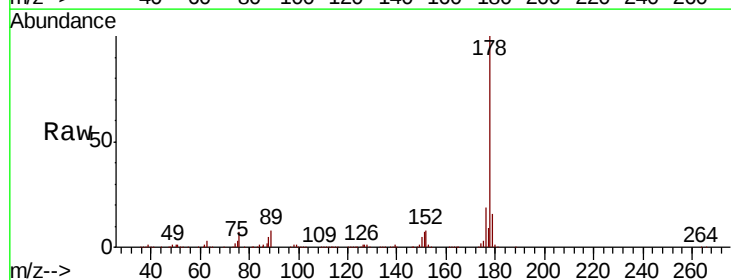


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

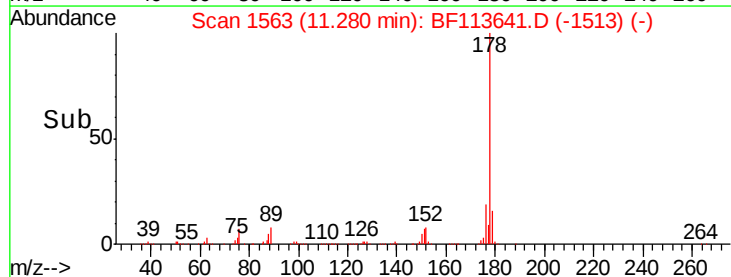
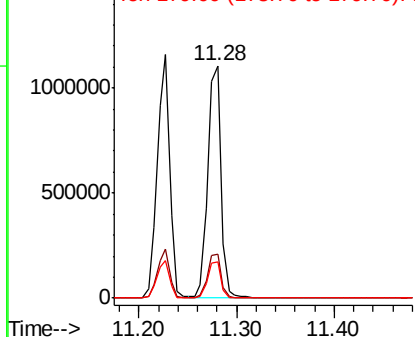


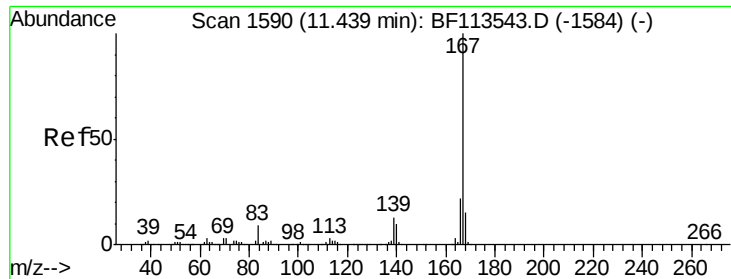
#72
Anthracene
Concen: 40.580 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Tgt Ion:178 Resp: 1050547
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.5 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.527 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

Instrument :

BNA_F

ClientSampleId :

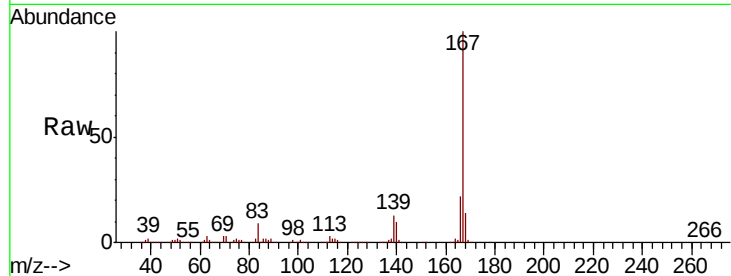
Tot Ion:167 Resp: 981295

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

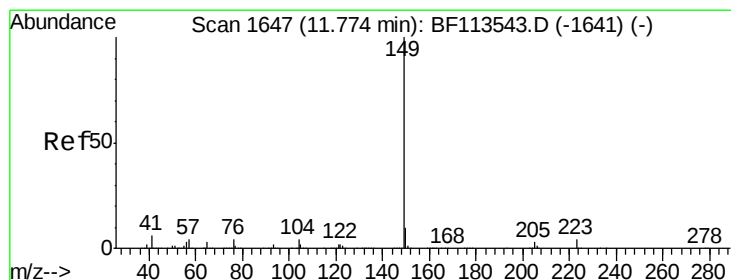
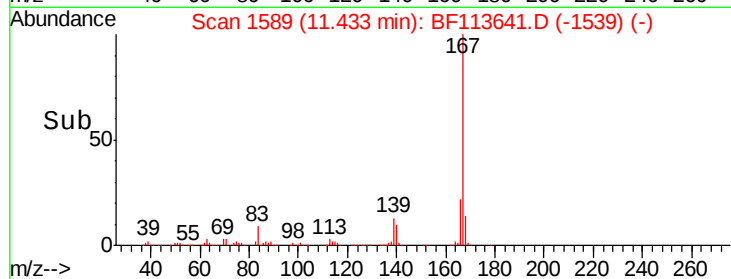
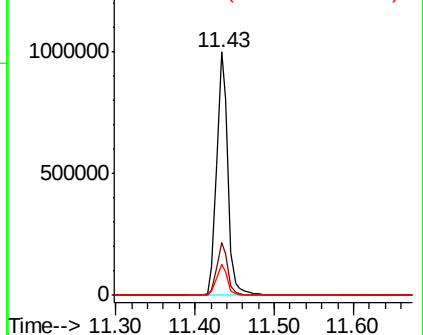
139 12.6 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.452 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

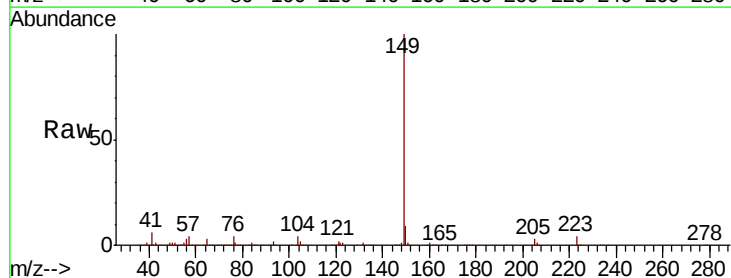
Tgt Ion:149 Resp: 1136368

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

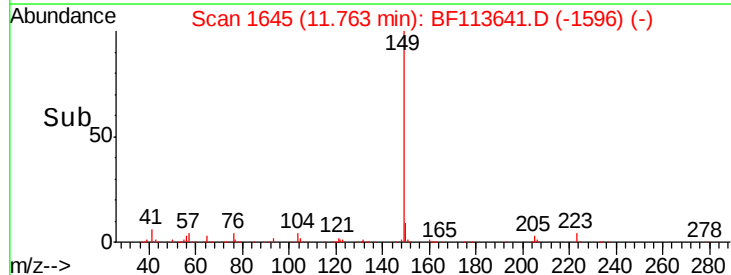
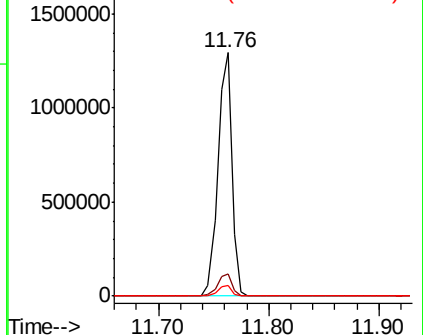
104 4.2 3.7 5.5

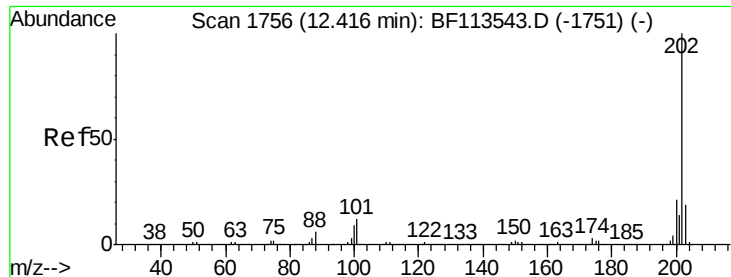


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

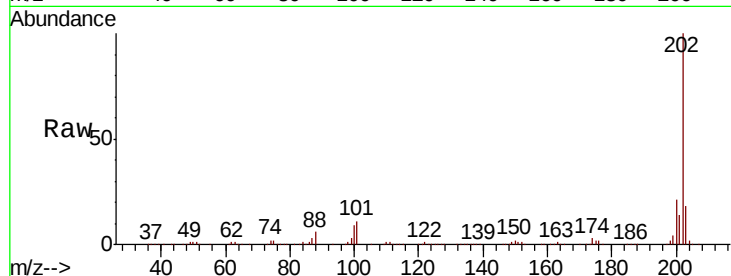




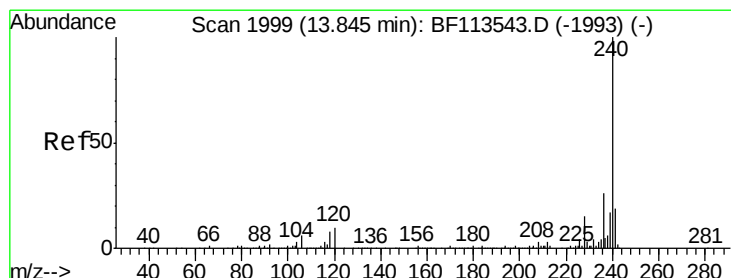
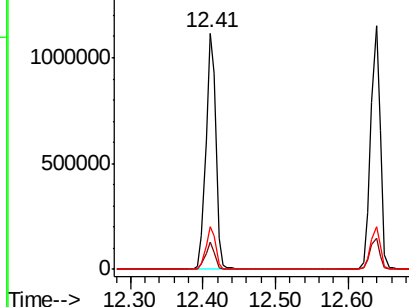
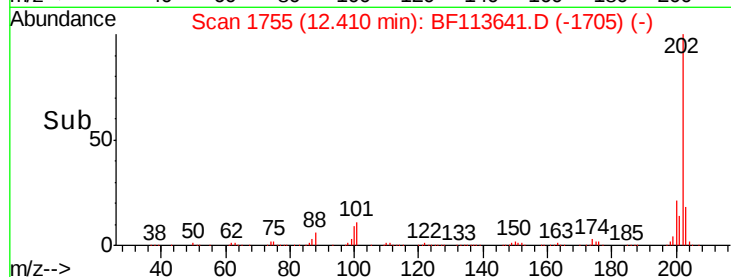
#75
 Fluoranthene
 Concen: 39.252 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1070265
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 31.4
 203 17.9 0.0 38.0

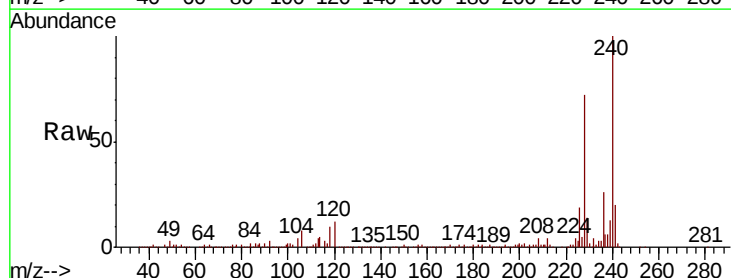


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

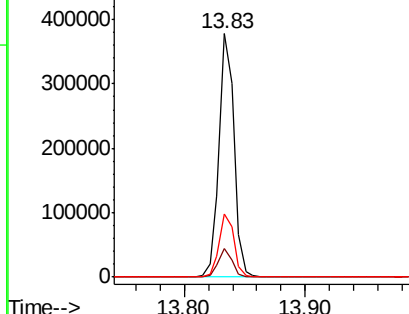
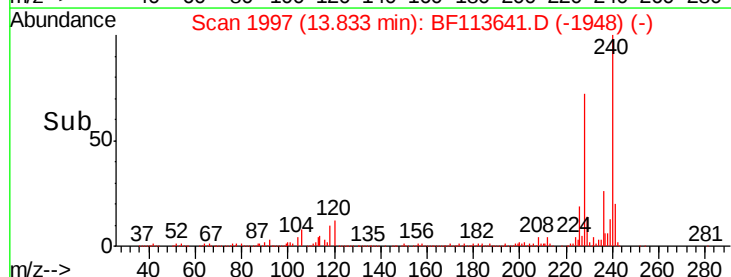


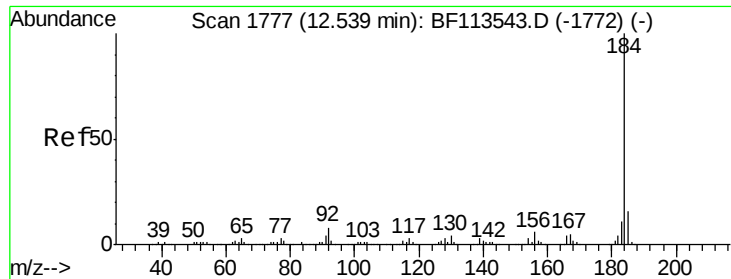
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF113641.D
 Acq: 8 Apr 2019 15:53

Tgt Ion:240 Resp: 321434
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.8 13.2
 236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.565 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

Instrument :

BNA_F

ClientSampleId :

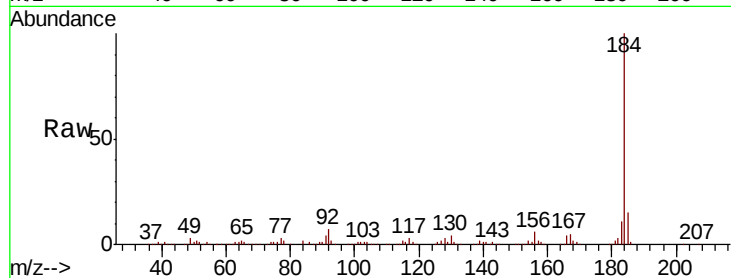
Tot Ion:184 Resp: 484874

Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.6

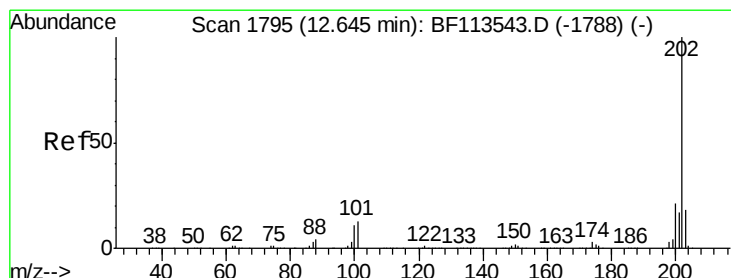
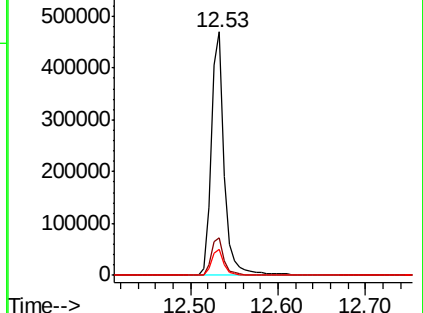
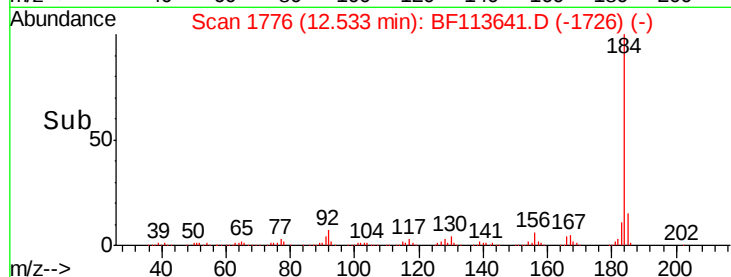
183 10.8 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.442 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

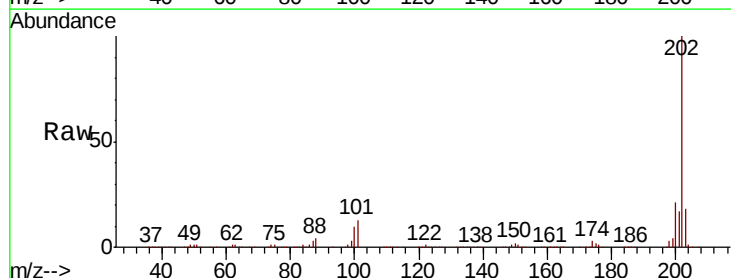
Tgt Ion:202 Resp: 1062484

Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

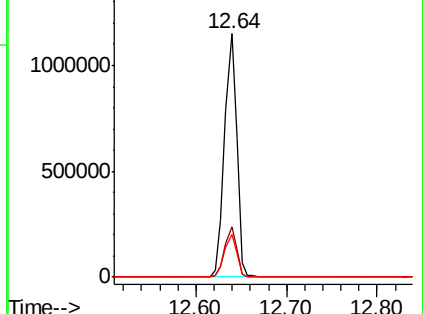
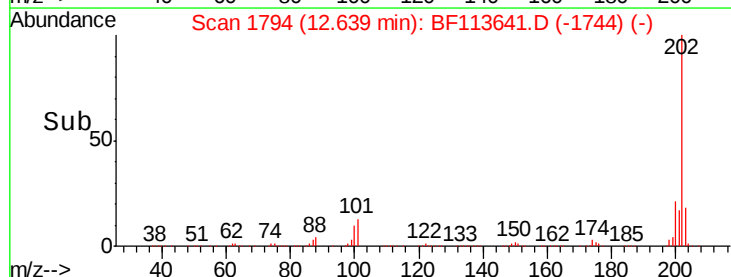
203 17.8 14.4 21.6

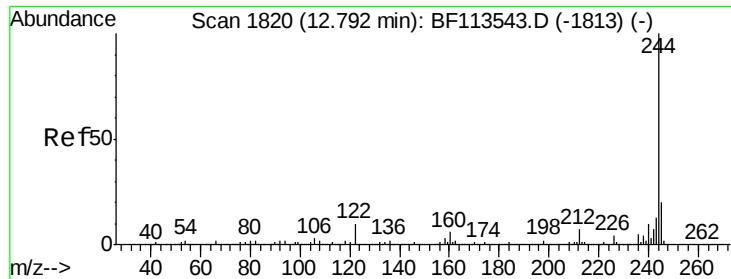


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.434 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

Instrument :

BNA_F

ClientSampleId :

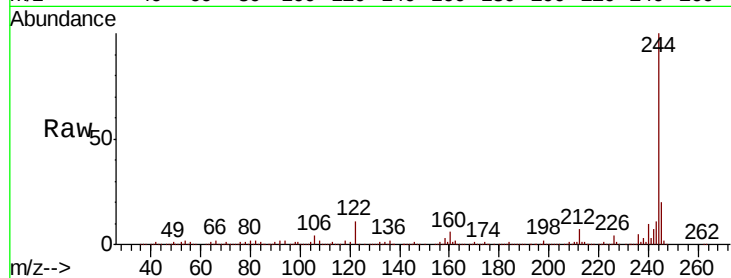
Tot Ion:244 Resp: 1364569

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

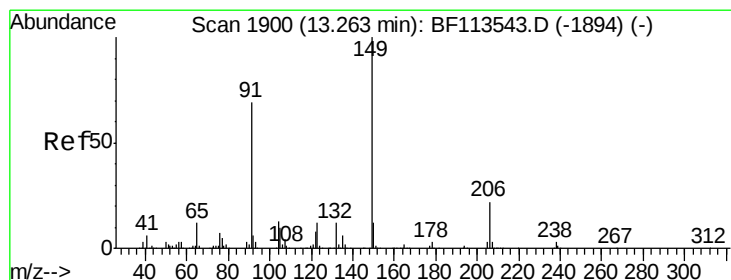
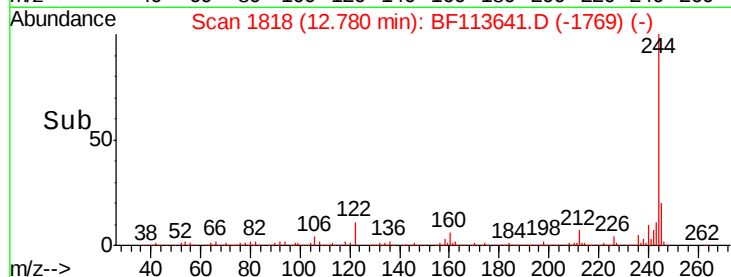
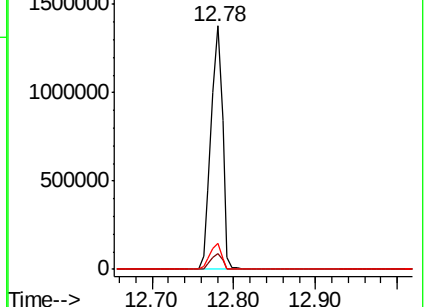
122 10.7 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.579 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

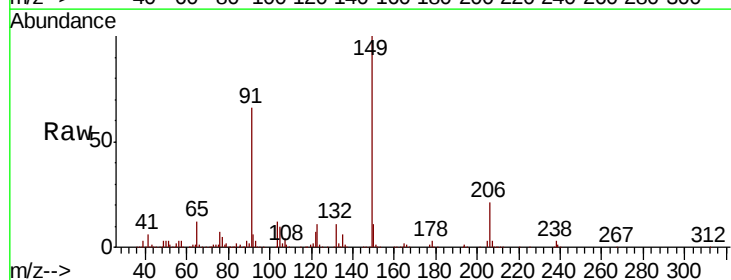
Tgt Ion:149 Resp: 403991

Ion Ratio Lower Upper

149 100

91 65.9 55.2 82.8

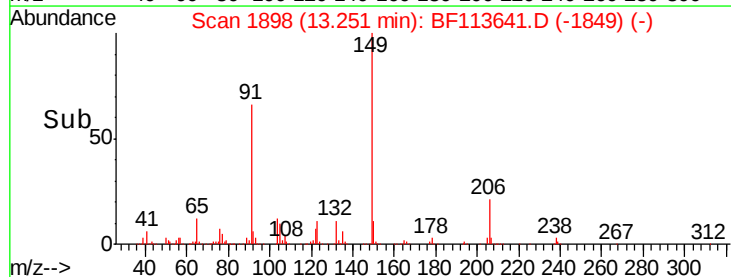
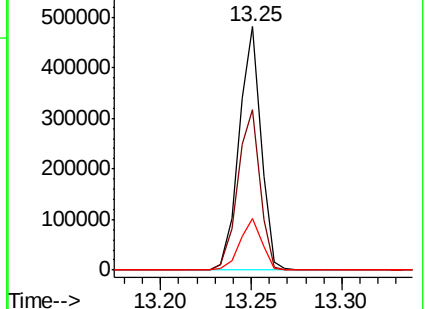
206 21.2 16.1 24.1

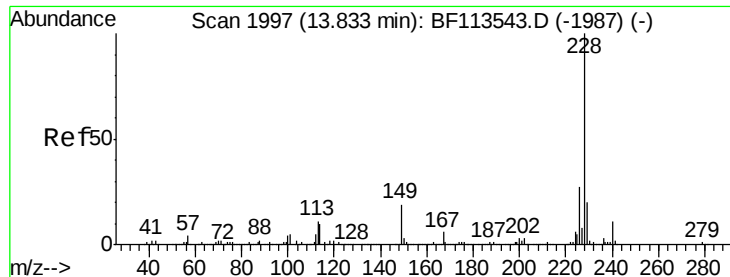


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

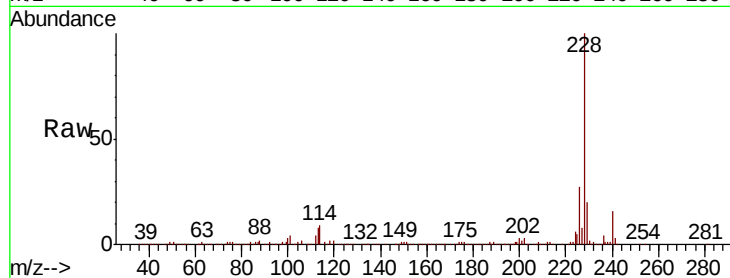




#81
Benzo(a)anthracene
Concen: 41.525 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	19.6	16.2	24.4

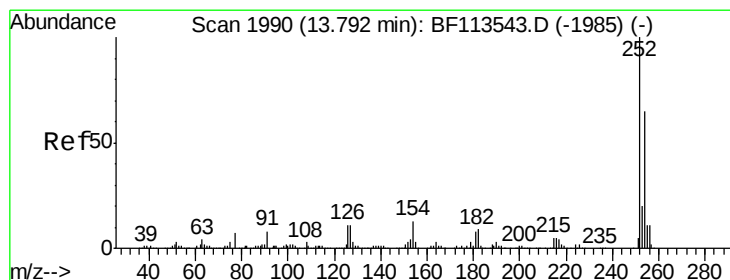
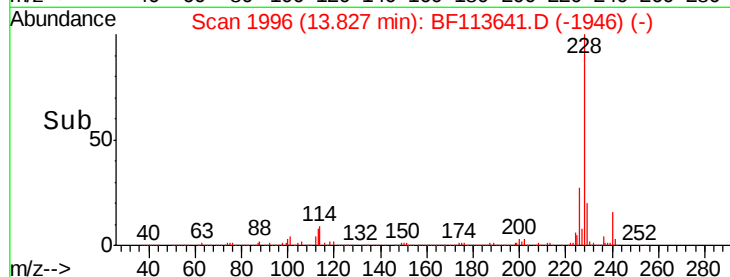
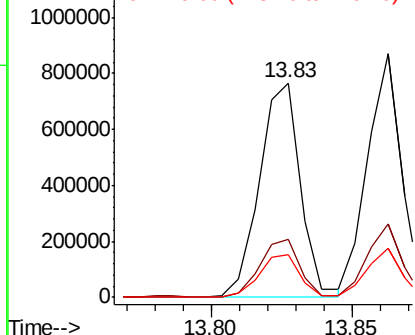


Abundance

Ion 228.00 (227.70 to 228.70): E

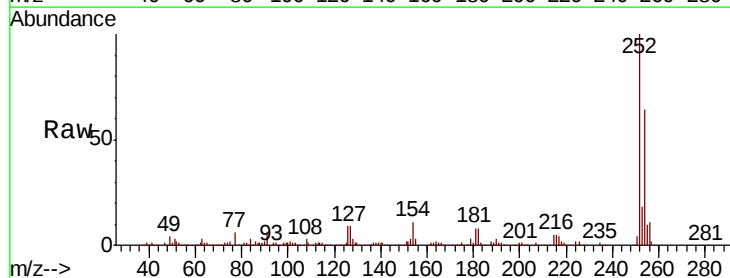
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 40.315 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.2	78.2
126	9.2	8.5	12.7

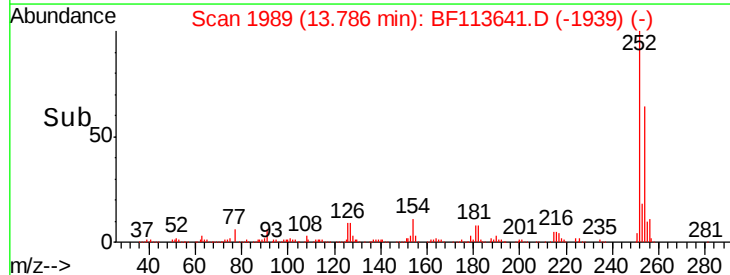
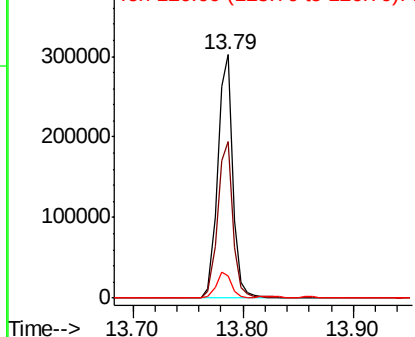


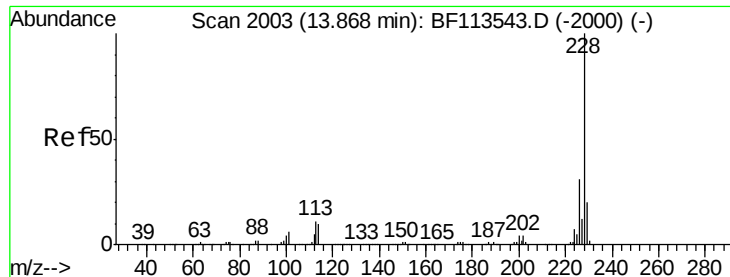
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 39.085 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

Instrument :

BNA_F

ClientSampleId :

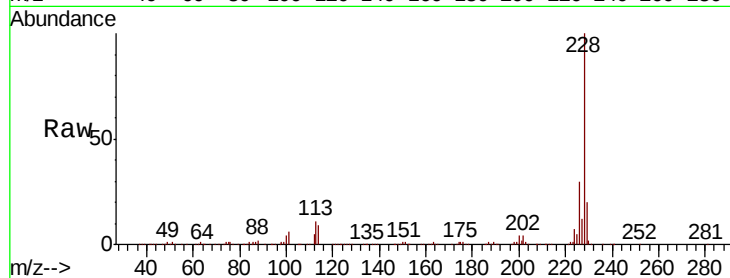
Tot Ion:228 Resp: 734658

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 20.0 16.3 24.5

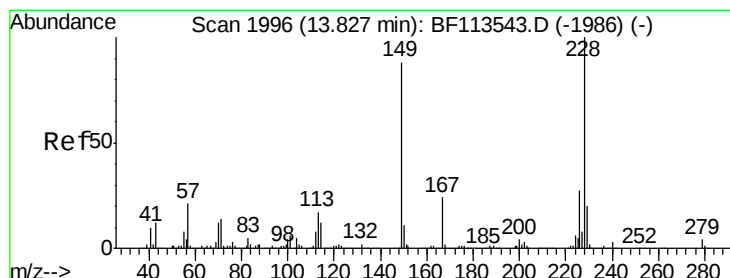
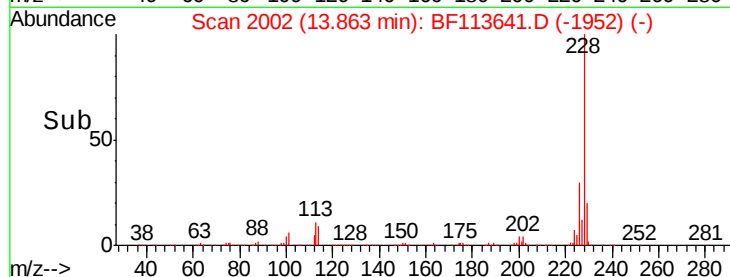
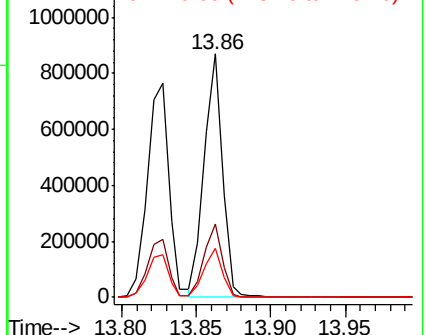


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.216 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

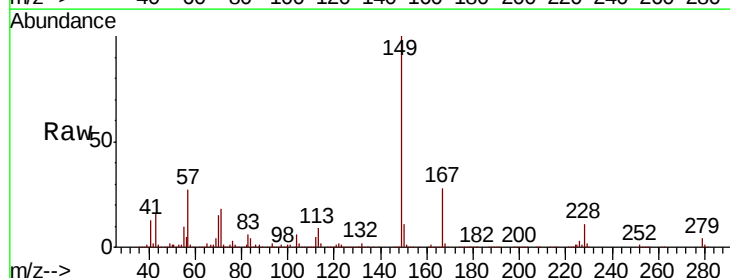
Tgt Ion:149 Resp: 496117

Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.8

279 4.2 2.9 4.3

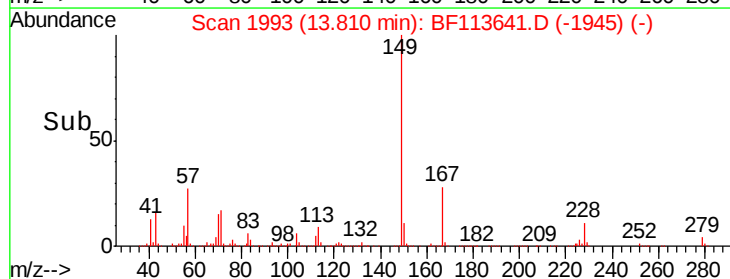
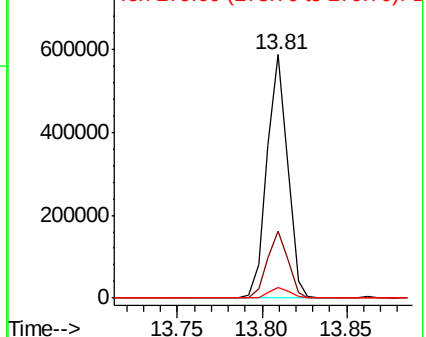


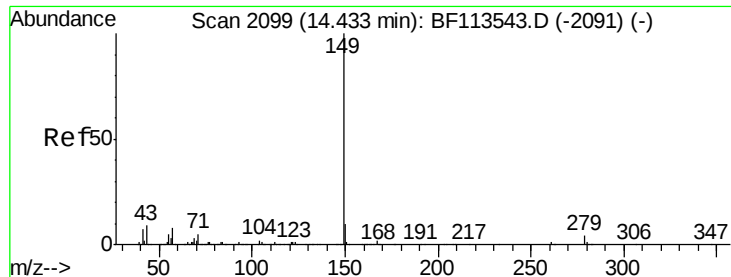
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.008 ng

RT: 14.42 min Scan# 2096

Delta R.T. -0.02 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

Instrument :

BNA_F

ClientSampleId :

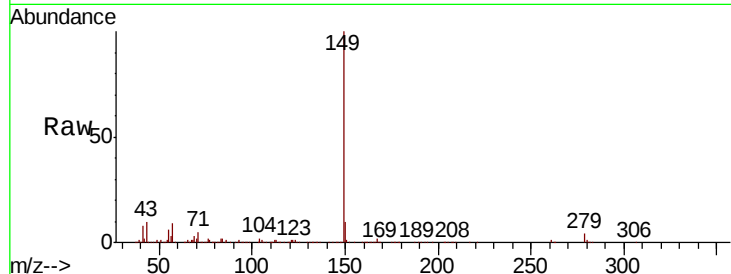
Tot Ion:149 Resp: 743658

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

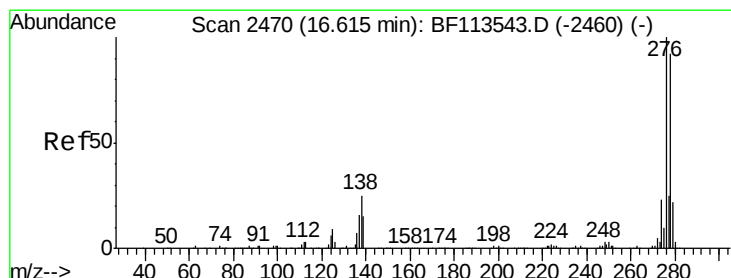
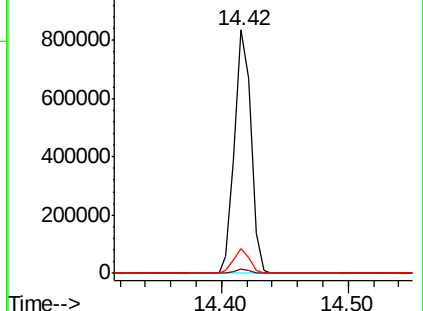
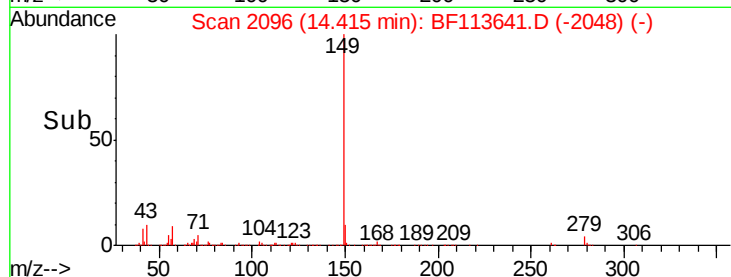
43 9.5 7.7 11.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.182 ng

RT: 16.62 min Scan# 2471

Delta R.T. 0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

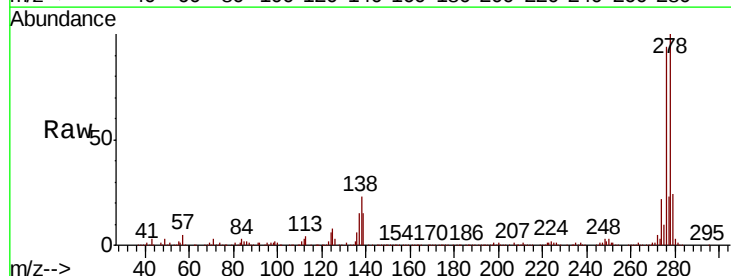
Tgt Ion:276 Resp: 801455

Ion Ratio Lower Upper

276 100

138 23.0 18.1 27.1

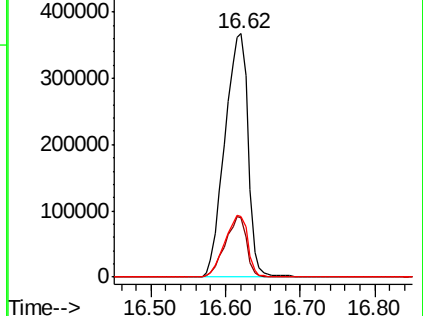
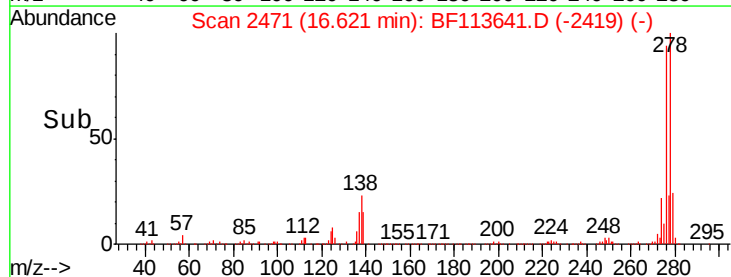
277 25.2 20.2 30.4

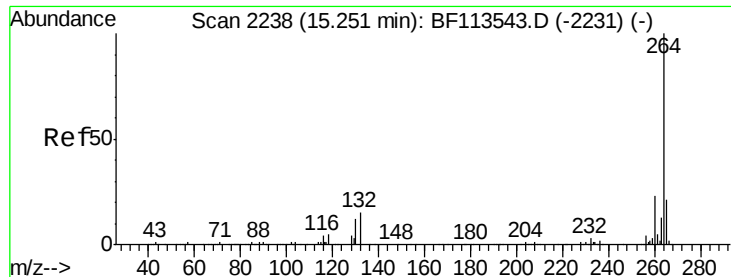


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

Instrument :

BNA_F

ClientSampled :

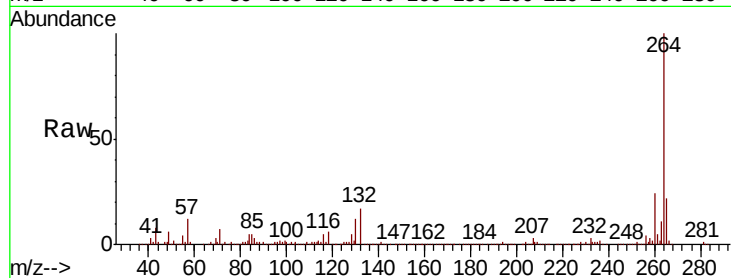
Tot Ion:264 Resp: 282132

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

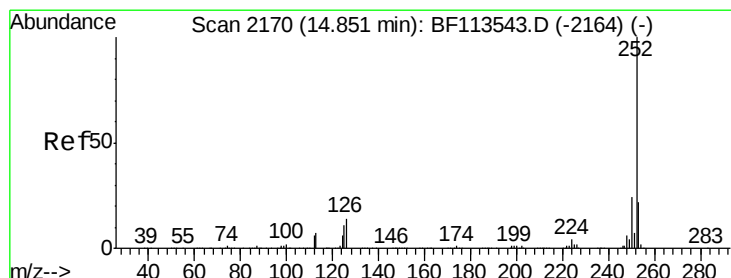
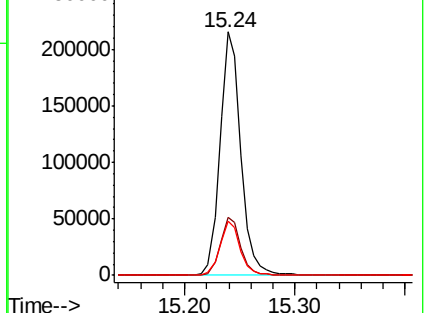
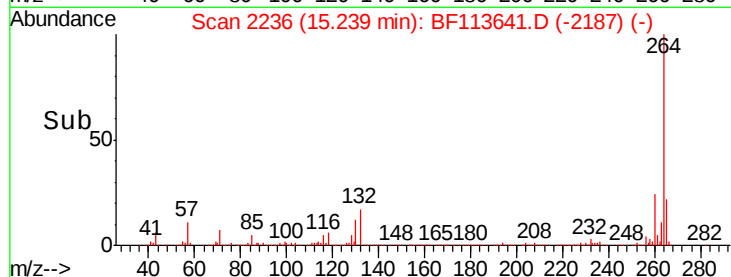
265 22.0 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.218 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF113641.D

Acq: 8 Apr 2019 15:53

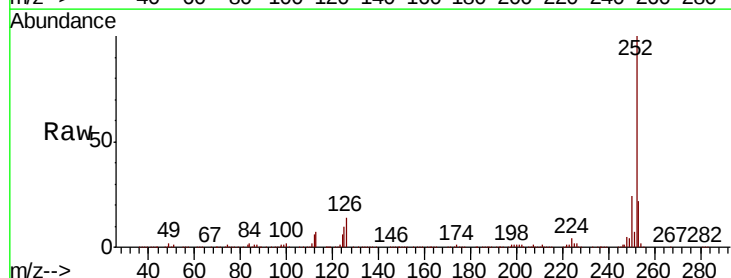
Tgt Ion:252 Resp: 642746

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

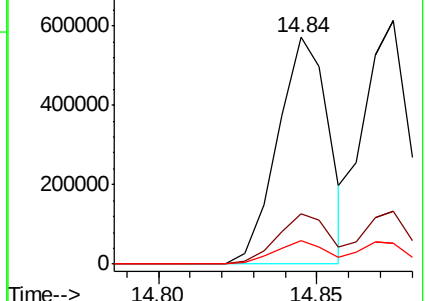
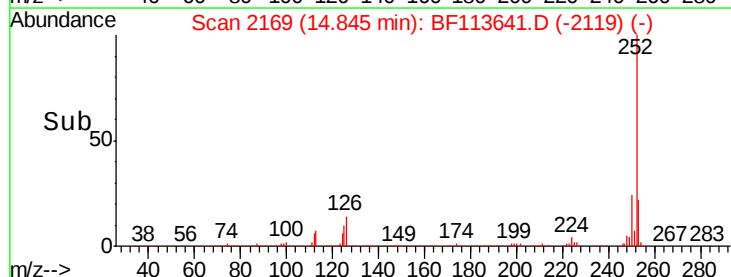
125 10.3 7.6 11.4

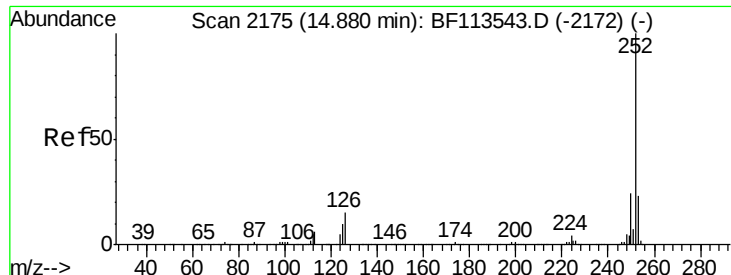


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

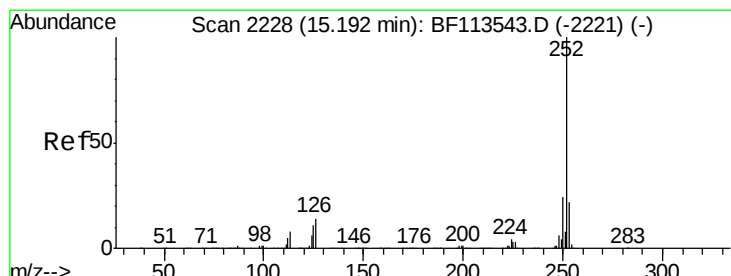
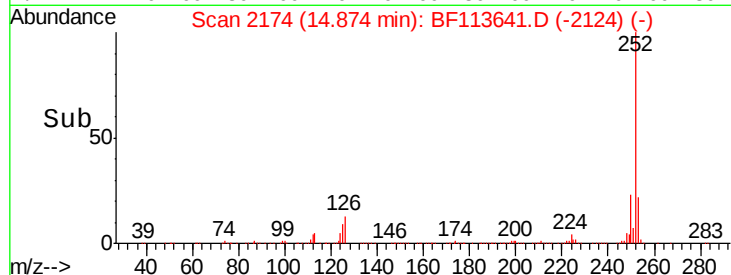
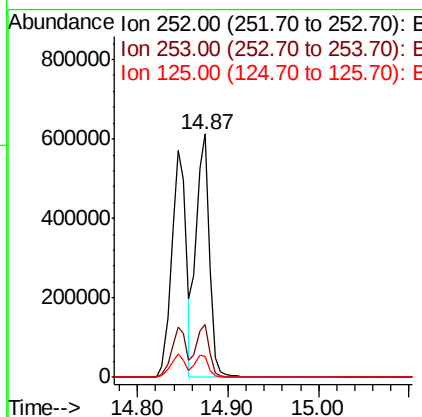
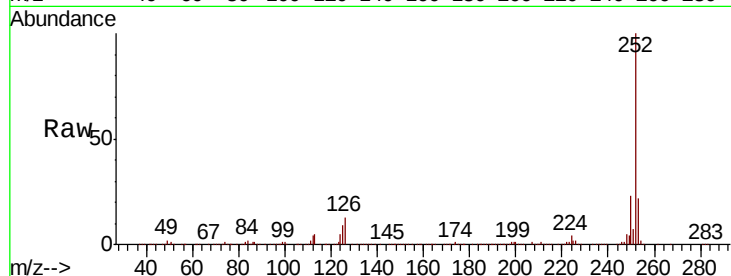




#89
Benzo(k)fluoranthene
Concen: 39.843 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

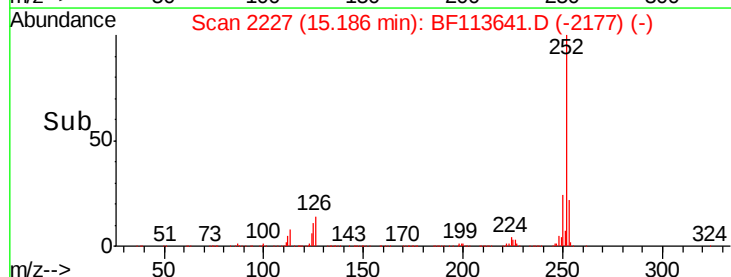
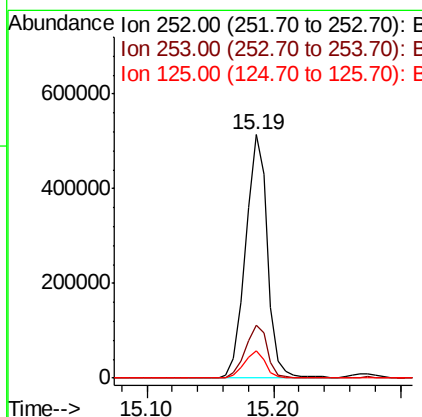
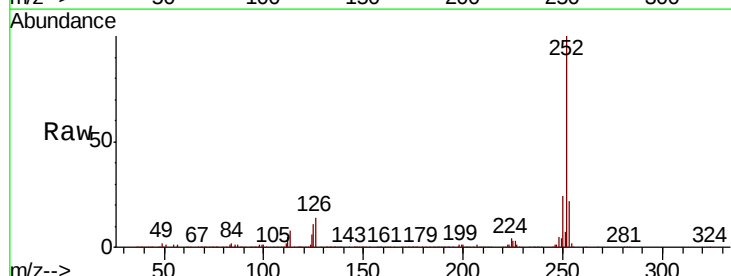
Instrument :
BNA_F
ClientSampleId :

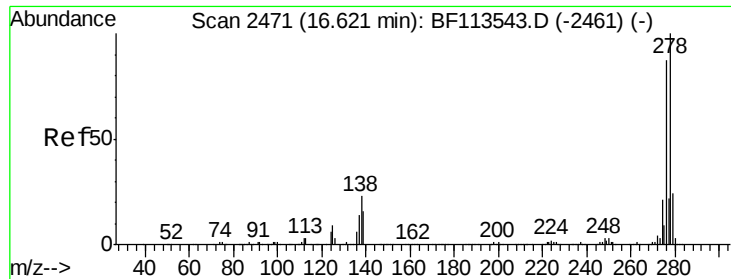
Tot Ion:252 Resp: 617539
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 8.8 7.3 10.9



#90
Benzo(a)pyrene
Concen: 39.913 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Tgt Ion:252 Resp: 612506
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 11.3 8.8 13.2



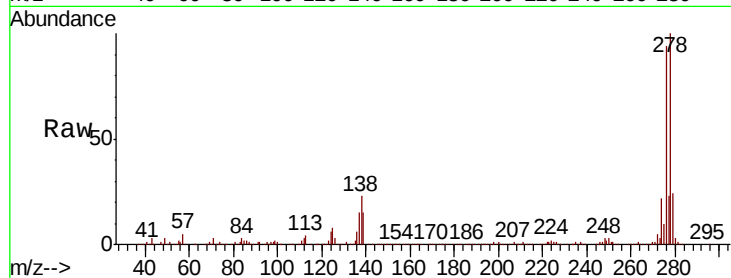


#91
Dibenzo(a,h)anthracene
Concen: 46.199 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

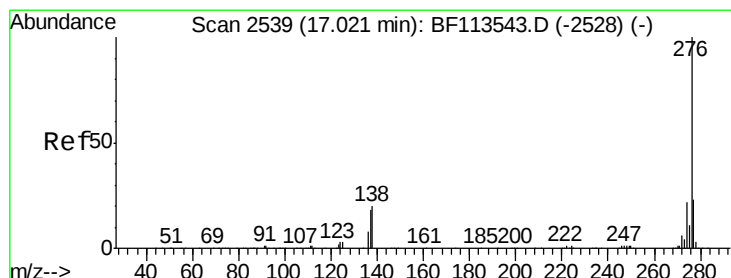
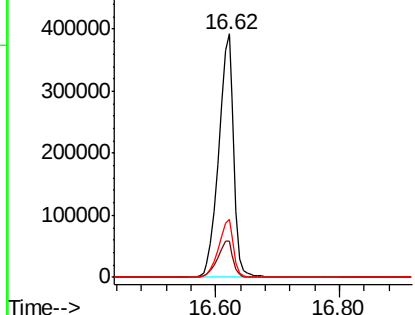
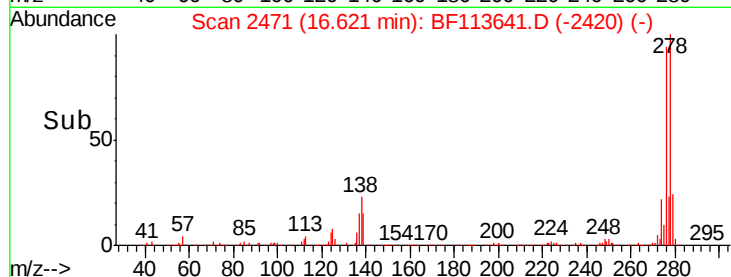
Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 663004

Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.0	18.0
279	23.6	19.0	28.6



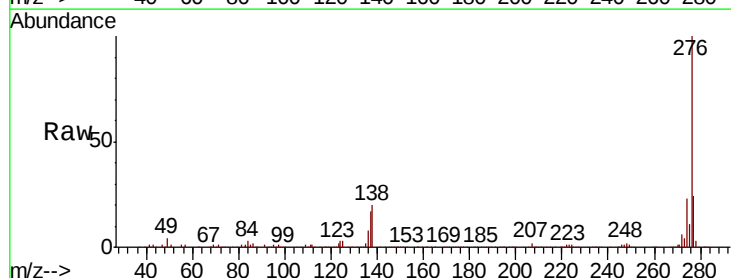
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.410 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF113641.D
Acq: 8 Apr 2019 15:53

Tgt Ion:276 Resp: 694452

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	20.0	15.6	23.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

