

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
 Data File : BF113730.D
 Acq On : 11 Apr 2019 19:58
 Operator : JU/SJ
 Sample : K2343-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 01:02:07 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	6.67	152	108917	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	402072	20.00	ng	-0.02
39) Acenaphthene-d10	9.70	164	193507	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	382607	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	270652	20.00	ng	-0.02
87) Perylene-d12	15.23	264	269995	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	788462	123.44	ng	0.00
7) Phenol-d6	6.33	99	1004799	127.64	ng	0.00
23) Nitrobenzene-d5	7.24	82	600330	87.46	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	291017	125.20	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1105720	91.99	ng	-0.02
79) Terphenyl-d14	12.76	244	1209066	90.95	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.34	88	108027	35.710	ng	97
3) Pyridine	3.08	79	229979	29.049	ng	94
4) n-Nitrosodimethylamine	2.98	42	124723	37.079	ng	94
6) Aniline	6.36	93	126863	13.295	ng	# 78
8) 2-Chlorophenol	6.46	128	292200	39.540	ng	99
9) Benzaldehyde	6.23	77	115376	24.648	ng	98
10) Phenol	6.35	94	348499	38.761	ng	# 68
11) bis(2-Chloroethyl)ether	6.41	93	337138	48.204	ng	99
12) 1,3-Dichlorobenzene	6.61	146	310727	39.044	ng	98
13) 1,4-Dichlorobenzene	6.69	146	318076	39.551	ng	99
14) 1,2-Dichlorobenzene	6.85	146	291925	40.215	ng	96
15) Benzyl Alcohol	6.83	79	165640	31.118	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	419208	38.508	ng	# 43
17) 2-Methylphenol	6.95	107	225339	39.347	ng	# 91
18) Hexachloroethane	7.18	117	109716	37.481	ng	94
19) n-Nitroso-di-n-propylamine	7.09	70	196800	40.541	ng	97
20) 3+4-Methylphenols	7.11	107	311944	44.954	ng	89
22) Acetophenone	7.09	105	392893	44.491	ng	97
24) Nitrobenzene	7.26	77	292037	41.312	ng	95
25) Isophorone	7.50	82	533566	40.351	ng	100
26) 2-Nitrophenol	7.58	139	156987	41.263	ng	92
27) 2,4-Dimethylphenol	7.63	122	246005	45.230	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	340903	40.778	ng	99
29) 2,4-Dichlorophenol	7.85	162	253705	43.596	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	265593	42.027	ng	99
31) Naphthalene	7.97	128	834835	42.853	ng	99
32) Benzoic acid	7.63	122	246005	58.410	ng	# 14
33) 4-Chloroaniline	8.08	127	48981	6.341	ng	97
34) Hexachlorobutadiene	8.09	225	156776	40.690	ng	99
35) Caprolactam	8.41	113	41722	22.585	ng	99
36) 4-Chloro-3-methylphenol	8.55	107	243782	41.731	ng	98
37) 2-Methylnaphthalene	8.67	142	563216	43.957	ng	99
38) 1-Methylnaphthalene	8.77	142	527096	42.663	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	269190	43.014	ng	99

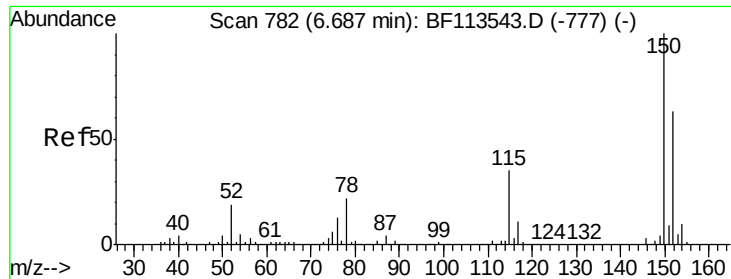
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
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 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	120170	59.090	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	166503	42.149	ng	97
44) 2,4,5-Trichlorophenol	9.02	196	156610	36.927	ng	98
46) 1,1'-Biphenyl	9.13	154	689090	43.155	ng	98
47) 2-Chloronaphthalene	9.16	162	520461	43.049	ng	98
48) 2-Nitroaniline	9.26	65	155957	42.157	ng	99
49) Acenaphthylene	9.57	152	829545	42.195	ng	99
50) Dimethylphthalate	9.43	163	696037	48.797	ng	99
51) 2,6-Dinitrotoluene	9.50	165	132104	42.015	ng	91
52) Acenaphthene	9.74	154	490781	43.611	ng	99
53) 3-Nitroaniline	9.68	138	94145	26.336	ng	93
54) 2,4-Dinitrophenol	9.81	184	21520	14.629	ng	93
55) Dibenzofuran	9.91	168	728533	44.132	ng	99
56) 4-Nitrophenol	9.87	139	66465	29.973	ng	90
57) 2,4-Dinitrotoluene	9.92	165	166530	43.793	ng	97
58) Fluorene	10.25	166	577032	44.195	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.05	232	155633	42.395	ng	96
60) Diethylphthalate	10.13	149	586576	42.652	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	288228	44.881	ng	90
62) 4-Nitroaniline	10.29	138	124294	34.192	ng	99
63) Azobenzene	10.40	77	540633	41.518	ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	49176	24.414	ng	90
66) n-Nitrosodiphenylamine	10.36	169	512578	43.639	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	181061	42.195	ng	98
68) Hexachlorobenzene	10.80	284	208501	42.406	ng	# 92
69) Atrazine	10.90	200	145783	39.377	ng	97
70) Pentachlorophenol	11.01	266	101460	43.792	ng	98
71) Phenanthrene	11.21	178	852366	44.833	ng	99
72) Anthracene	11.26	178	872564	45.109	ng	100
73) Carbazole	11.43	167	803376	44.406	ng	99
74) Di-n-butylphthalate	11.75	149	921359	42.811	ng	99
75) Fluoranthene	12.40	202	929555	45.627	ng	98
77) Benzidine	12.54	184	136625	13.575	ng	97
78) Pyrene	12.62	202	918257	44.589	ng	100
80) Butylbenzylphthalate	13.24	149	361502	43.124	ng	95
81) Benzo(a)anthracene	13.81	228	663117	42.473	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	231411	38.482	ng	98
83) Chrysene	13.84	228	672775	42.508	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	480135	47.373	ng	# 99
85) Di-n-octyl phthalate	14.40	149	760768	46.178	ng	100
86) Indeno(1,2,3-cd)pyrene	16.59	276	831792	56.923	ng	99
88) Benzo(b)fluoranthene	14.83	252	692130	41.879	ng	99
89) Benzo(k)fluoranthene	14.86	252	596367	40.206	ng	99
90) Benzo(a)pyrene	15.17	252	650858	44.318	ng	100
91) Dibenzo(a,h)anthracene	16.59	278	683267	49.752	ng	100
92) Benzo(g,h,i)perylene	16.99	276	737945	52.644	ng	98

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

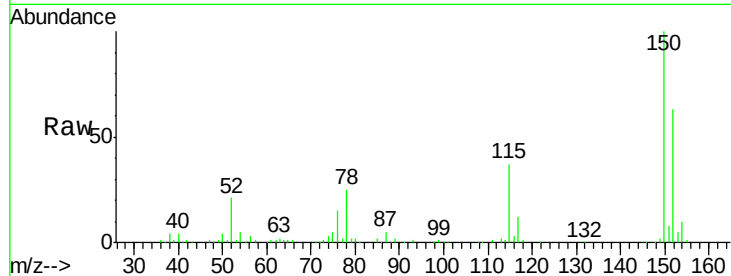


#1

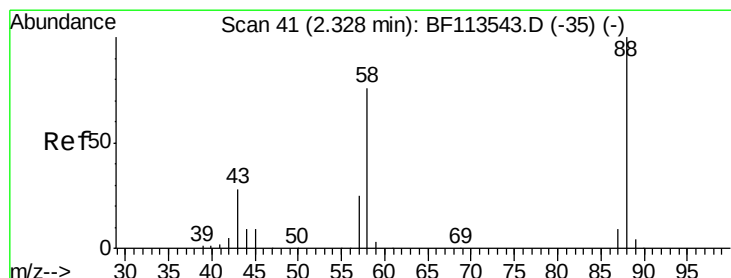
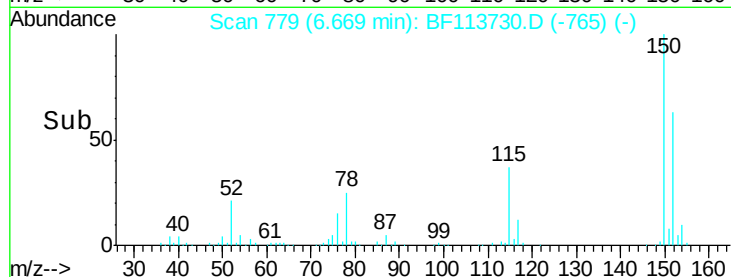
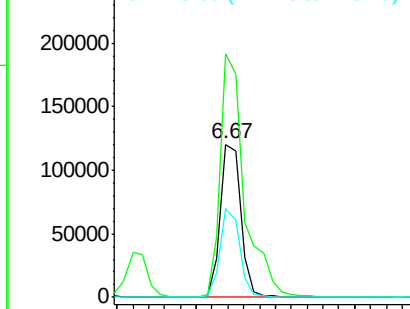
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	152	Resp	108917
Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.7	187.1
115	58.2	46.0	69.0



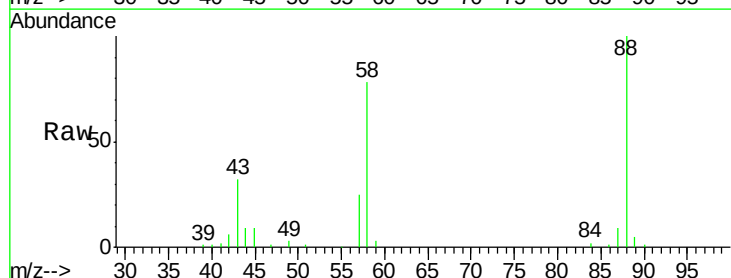
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



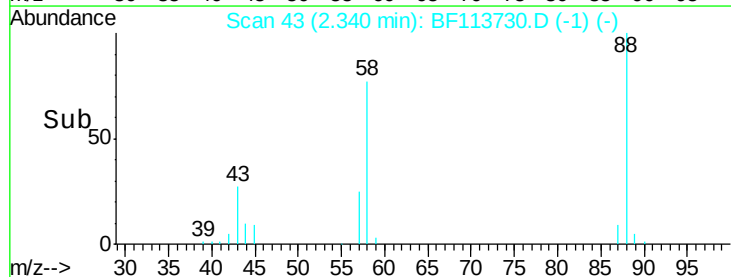
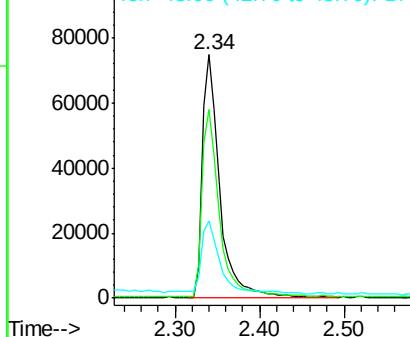
#2

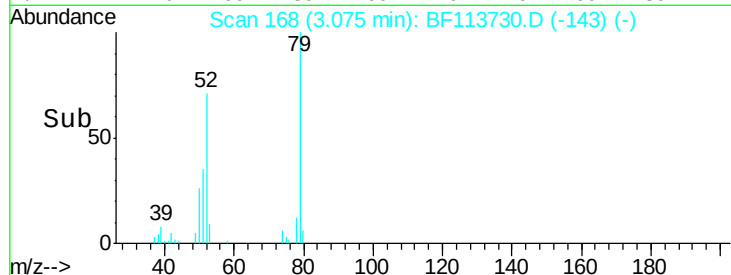
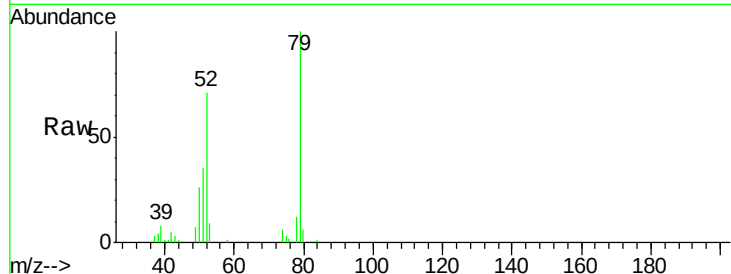
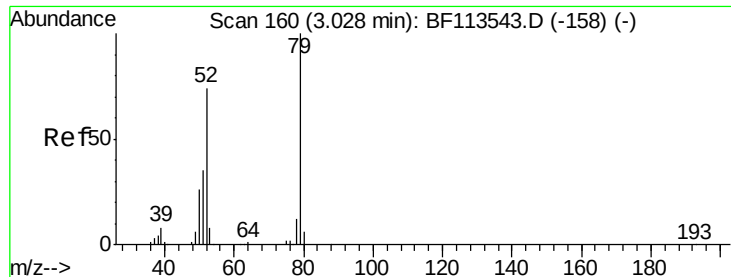
1,4-Dioxane
Concen: 35.710 ng
RT: 2.34 min Scan# 43
Delta R.T. 0.01 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Tgt Ion	88	Resp	108027
Ion	Ratio	Lower	Upper
88	100		
58	75.1	61.9	92.9
43	28.0	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

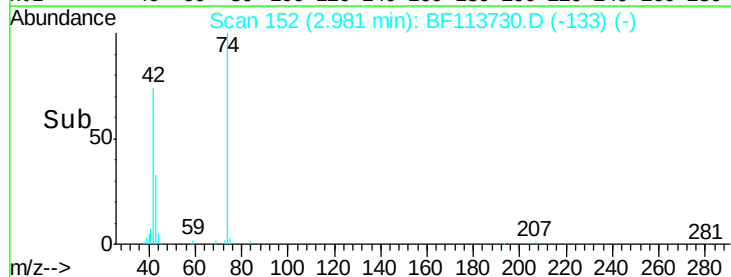
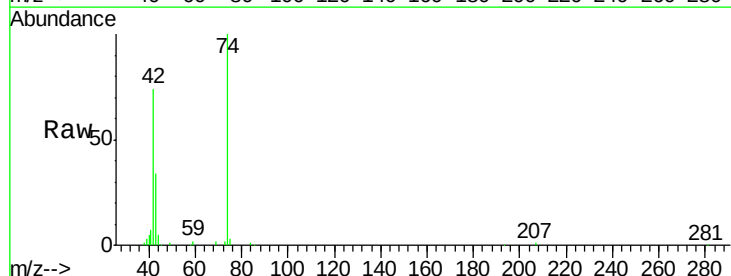
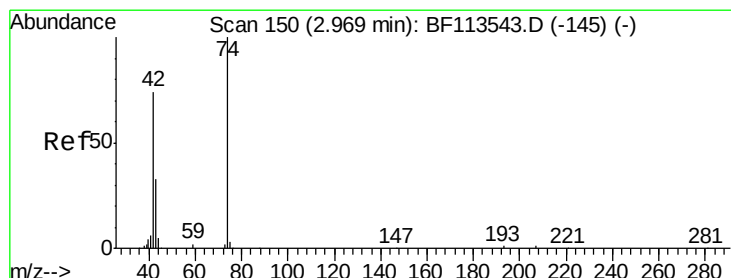
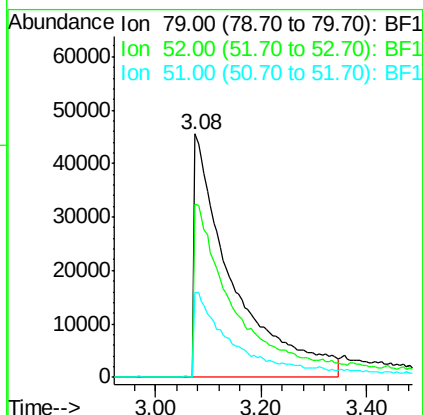




#3
 Pvridine
 Concen: 29.049 ng
 RT: 3.08 min Scan# 168
 Delta R.T. 0.05 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

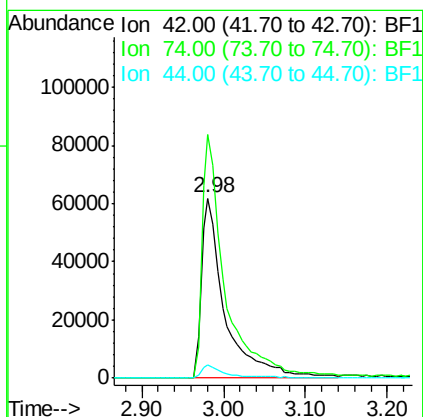
Instrument :
 BNA_F
 ClientSampleId :

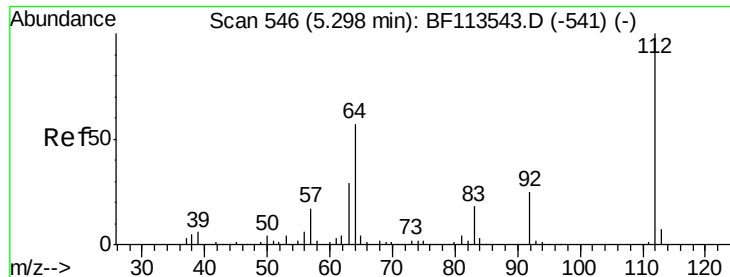
Tot Ion:	79	Resp:	229979
Ion	Ratio	Lower	Upper
79	100		
52	71.4	61.0	91.4
51	34.8	30.6	45.8



#4
 n-Nitrosodimethylamine
 Concen: 37.079 ng
 RT: 2.98 min Scan# 152
 Delta R.T. 0.01 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

Tgt Ion:	42	Resp:	124723
Ion	Ratio	Lower	Upper
42	100		
74	135.3	102.4	153.6
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 123.443 ng

RT: 5.29 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF113730.D

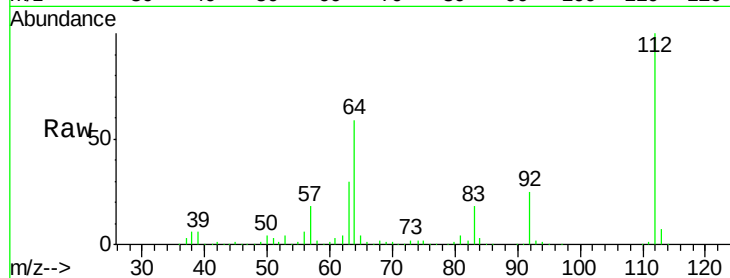
Acq: 11 Apr 2019 19:58

Instrument :

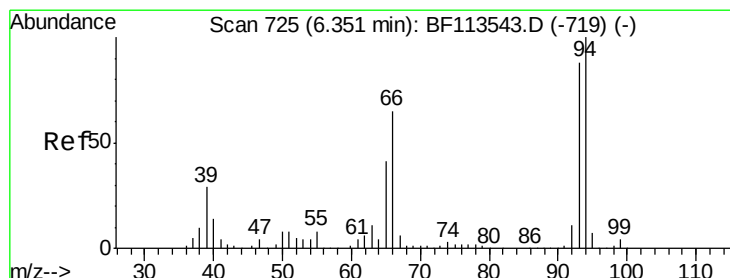
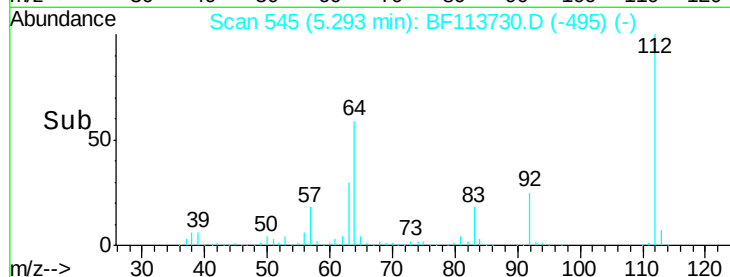
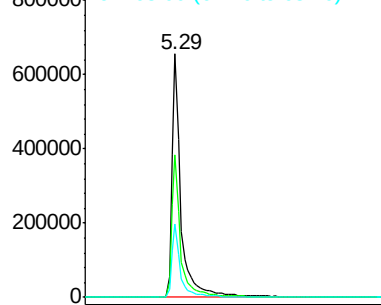
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	788462
Ion	Ratio	Lower	Upper
112	100		
64	58.6	49.2	73.8
63	30.1	24.9	37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1



#6

Aniline

Concen: 13.295 ng

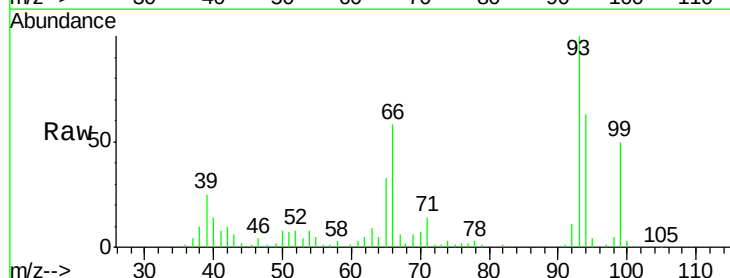
RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

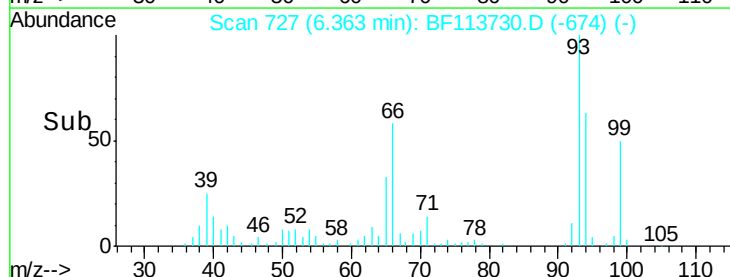
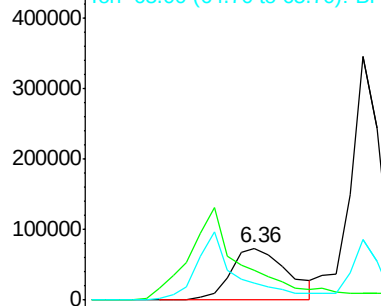
Lab File: BF113730.D

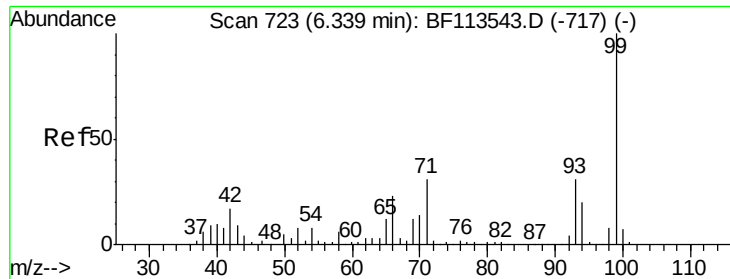
Acq: 11 Apr 2019 19:58

Tgt Ion:	93	Resp:	126863
Ion	Ratio	Lower	Upper
93	100		
66	58.5	62.1	93.1#
65	32.9	38.7	58.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 127.637 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

Instrument :

BNA_F

ClientSampled :

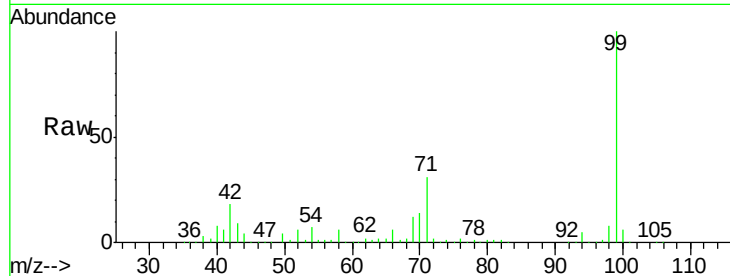
Tot Ion: 99 Resp: 1004799

Ion Ratio Lower Upper

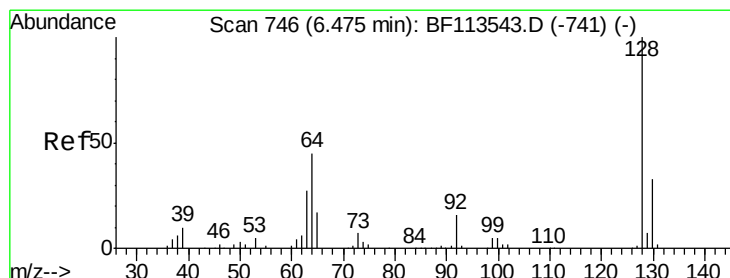
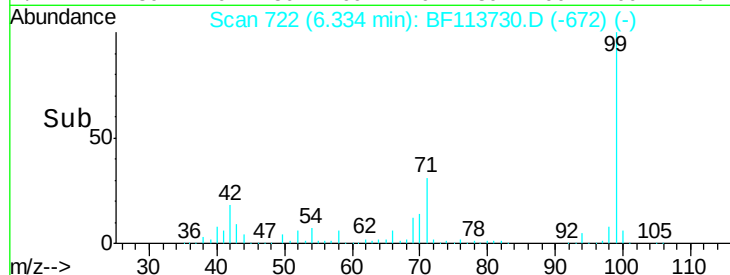
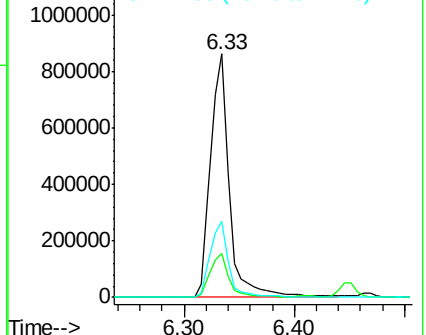
99 100

42 17.8 14.8 22.2

71 31.1 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.540 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

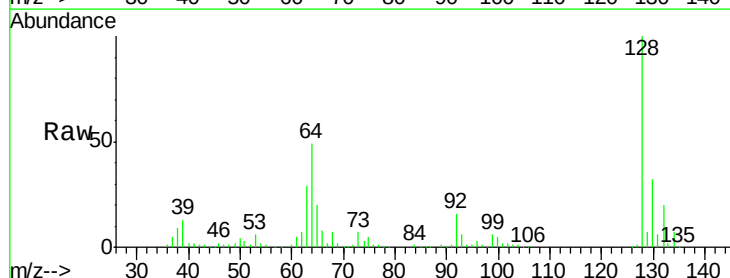
Tgt Ion:128 Resp: 292200

Ion Ratio Lower Upper

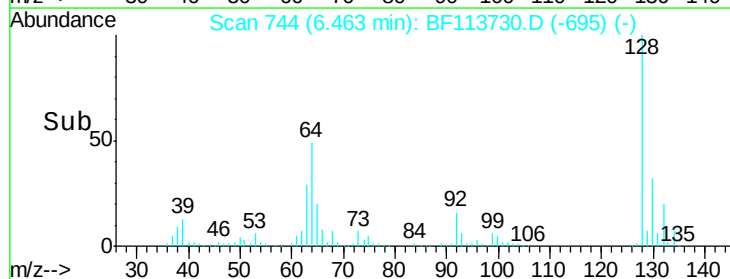
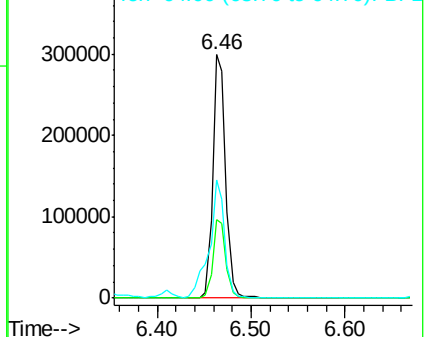
128 100

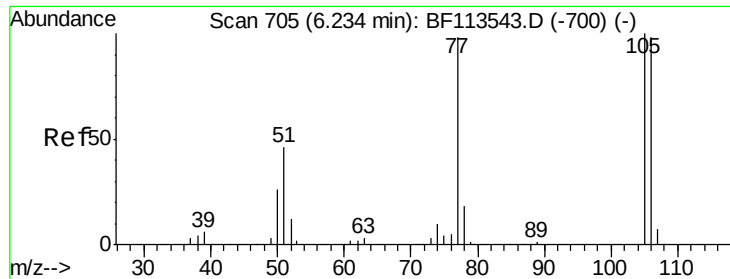
130 32.4 12.6 52.6

64 48.7 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

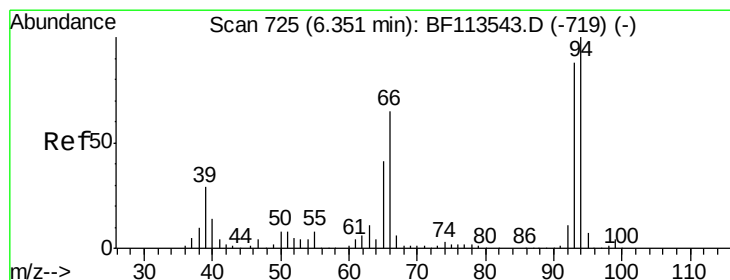
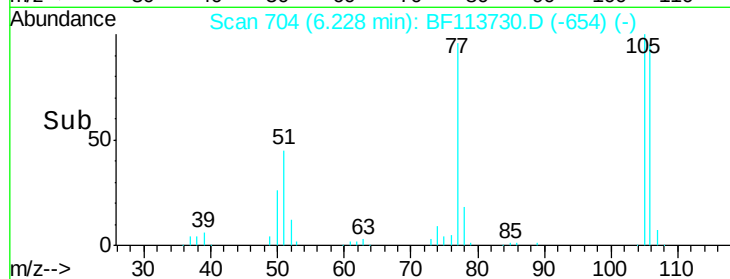
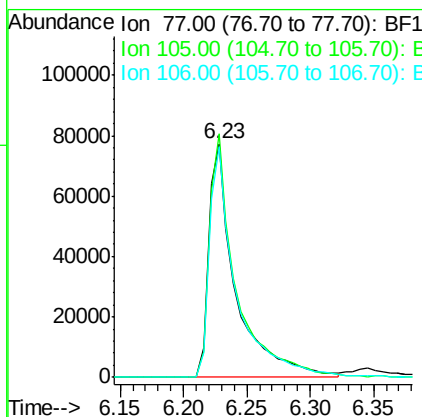
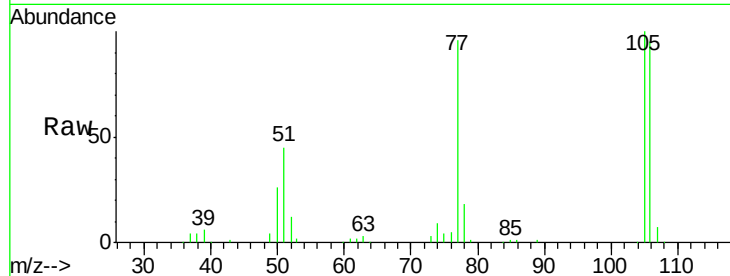




#9
Benzaldehyde
Concen: 24.648 ng
RT: 6.23 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

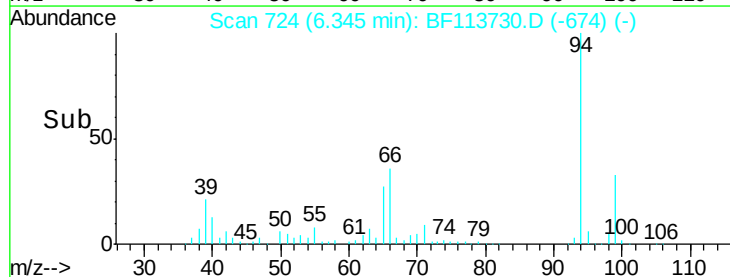
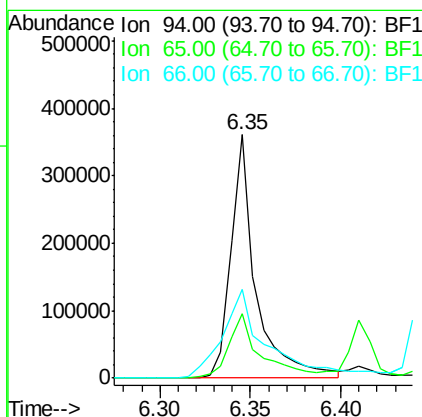
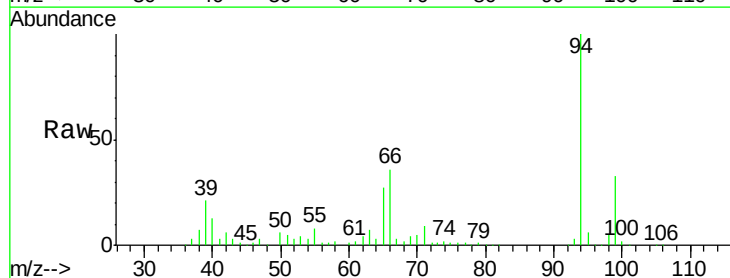
Instrument :
BNA_F
ClientSampled :

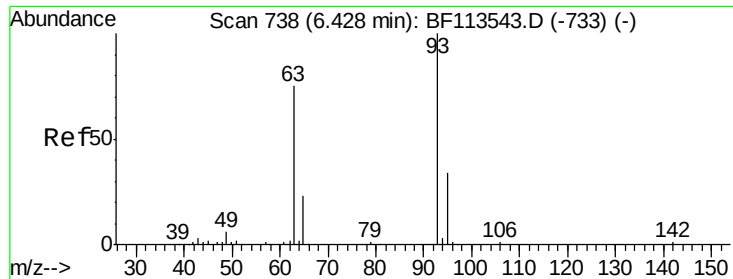
Tot Ion: 77 Resp: 115376
Ion Ratio Lower Upper
77 100
105 104.2 80.9 120.9
106 98.5 77.8 117.8



#10
Phenol
Concen: 38.761 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Tgt Ion: 94 Resp: 348499
Ion Ratio Lower Upper
94 100
65 26.6 21.4 61.4
66 36.2 46.4 86.4#





#11

bis(2-Chloroethyl)ether

Concen: 48.204 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

Instrument :

BNA_F

ClientSampleId :

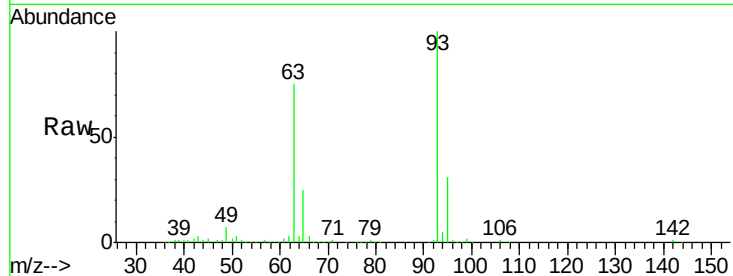
Tot Ion: 93 Resp: 337138

Ion Ratio Lower Upper

93 100

63 75.4 56.1 96.1

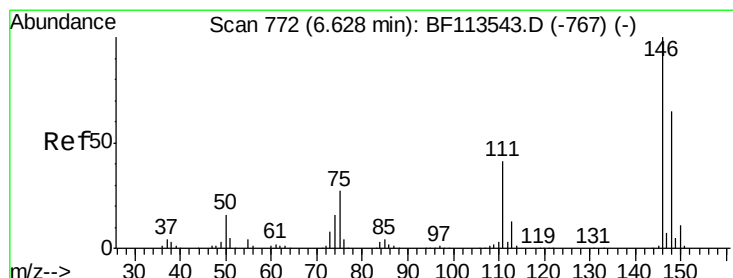
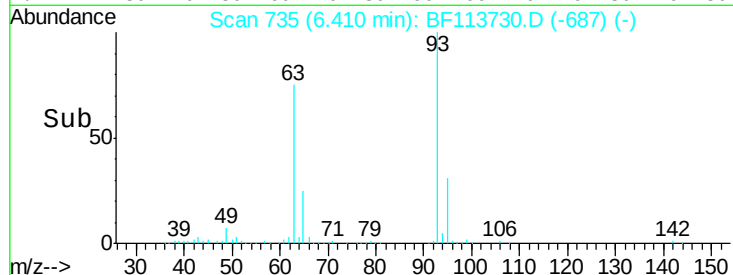
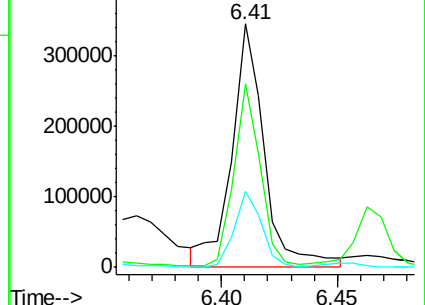
95 31.2 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.044 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

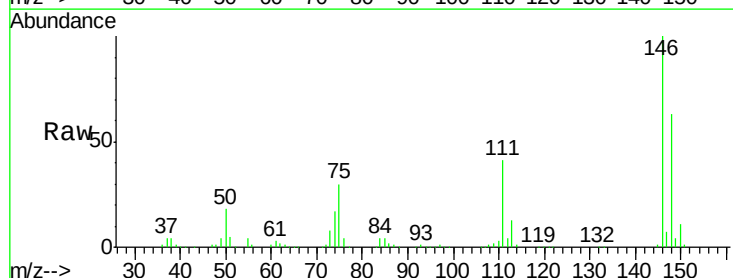
Tgt Ion: 146 Resp: 310727

Ion Ratio Lower Upper

146 100

148 62.7 51.4 77.0

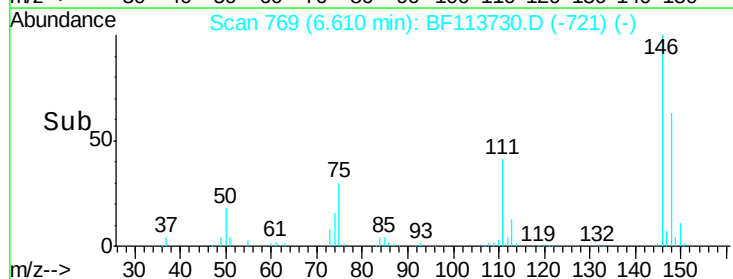
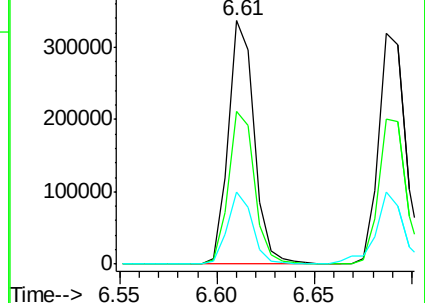
75 29.9 24.8 37.2

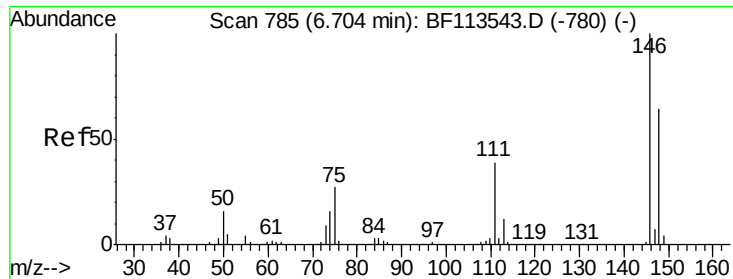


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

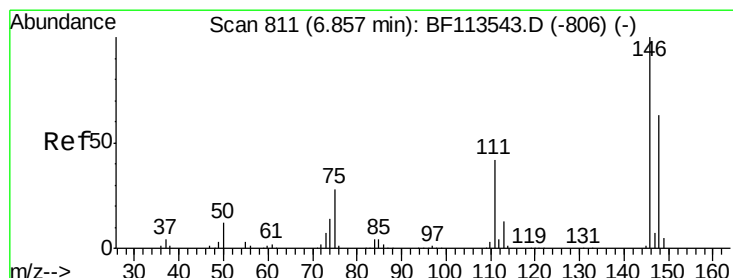
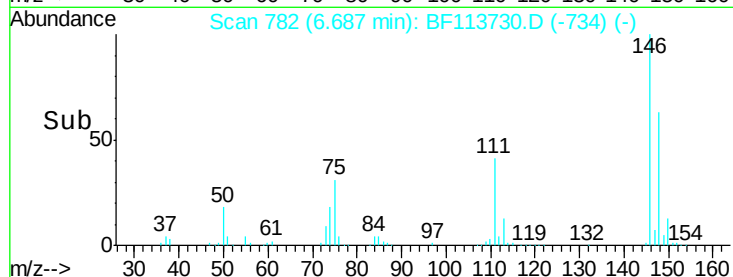
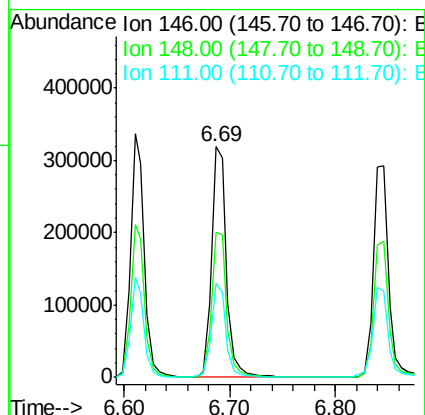
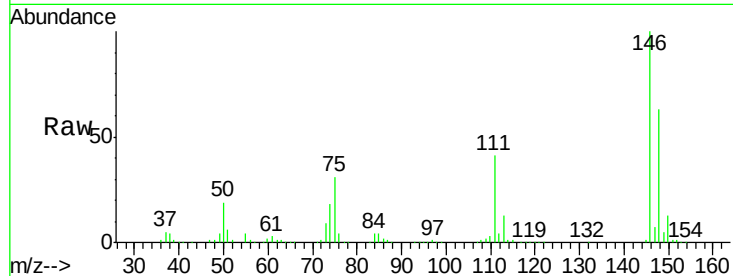




#13
 1,4-Dichlorobenzene
 Concen: 39.551 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

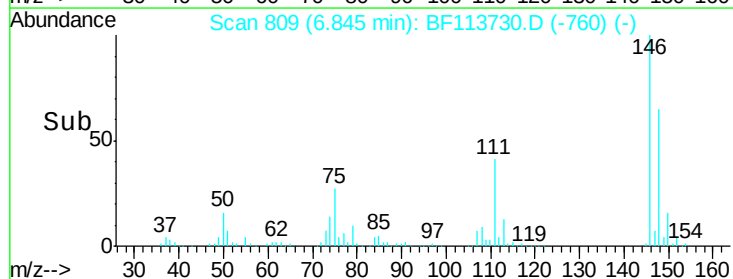
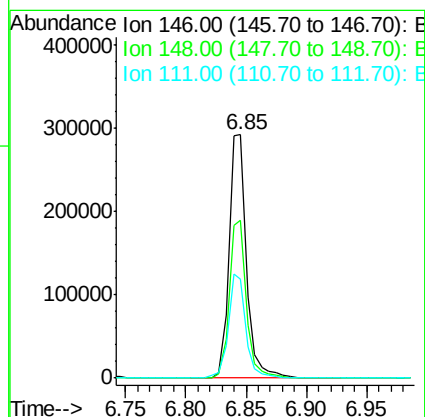
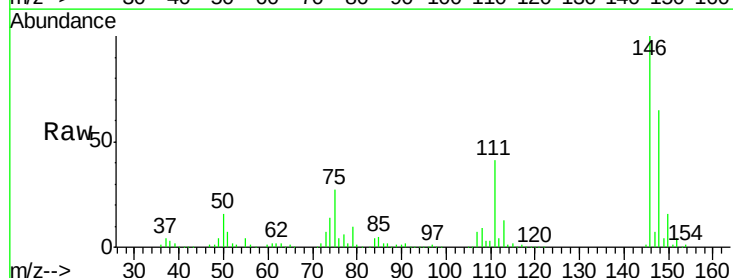
Instrument :
 BNA_F
 ClientSampleId :

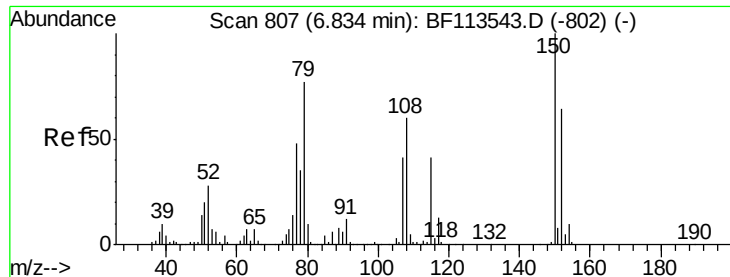
Tot Ion:146 Resp: 318076
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.1 76.7
 111 40.9 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 40.215 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

Tgt Ion:146 Resp: 291925
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.2 75.4
 111 40.6 35.4 53.2





#15

Benzyl Alcohol

Concen: 31.118 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

Instrument :

BNA_F

ClientSampled :

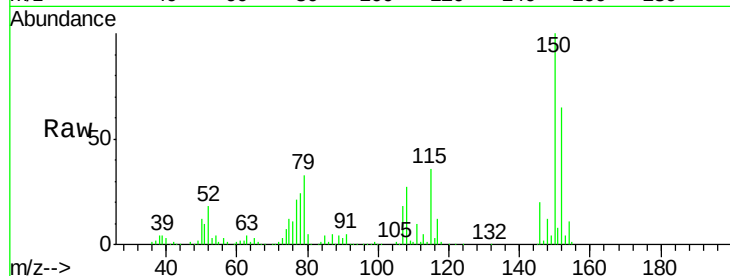
Tot Ion: 79 Resp: 165640

Ion Ratio Lower Upper

79 100

108 82.1 62.0 93.0

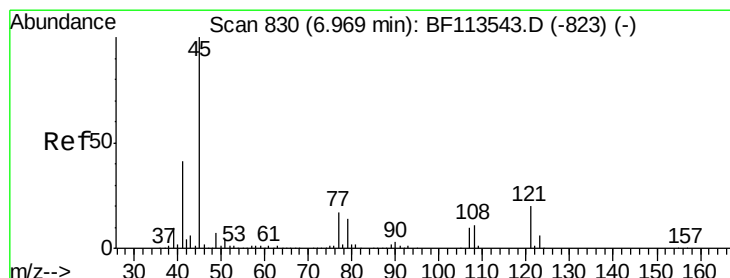
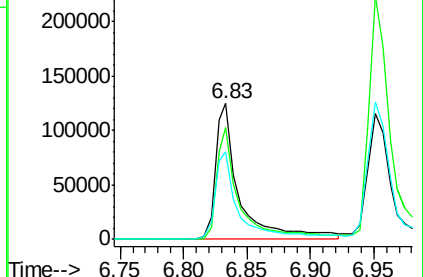
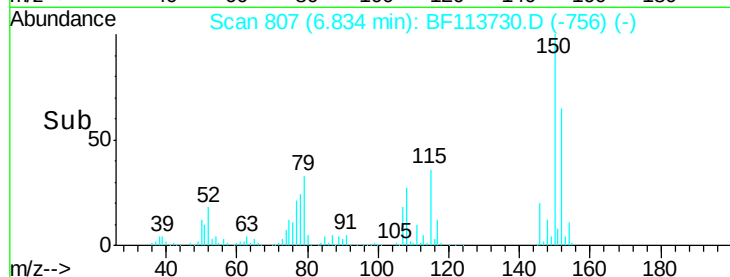
77 64.5 49.9 74.9



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: 38.508 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

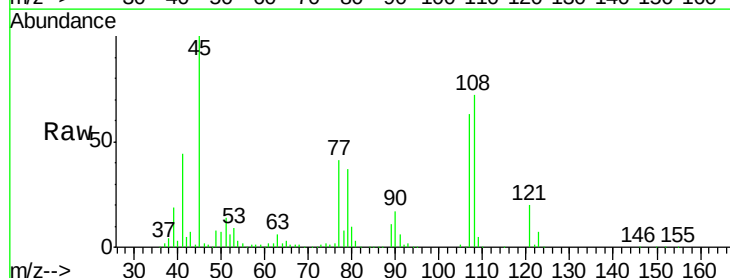
Tgt Ion: 45 Resp: 419208

Ion Ratio Lower Upper

45 100

77 40.6 0.0 36.6#

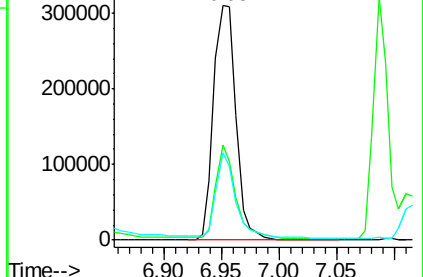
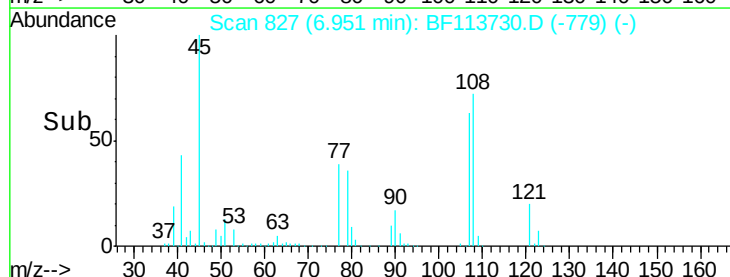
79 37.3 0.0 34.0#

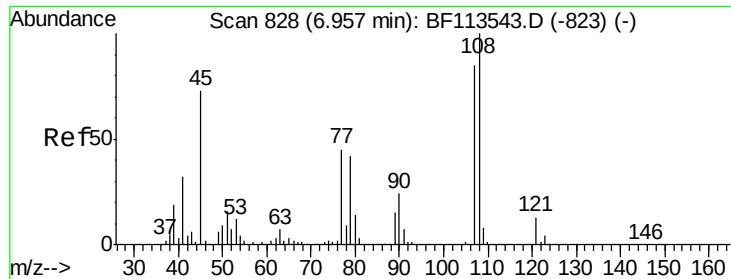


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

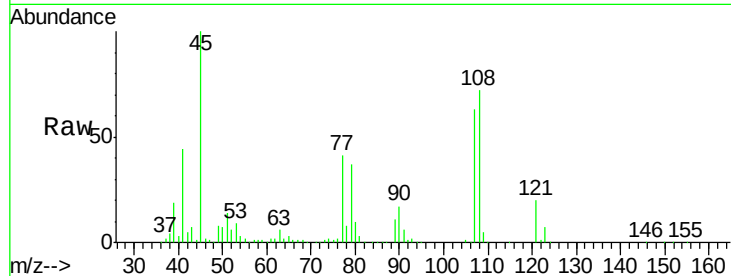




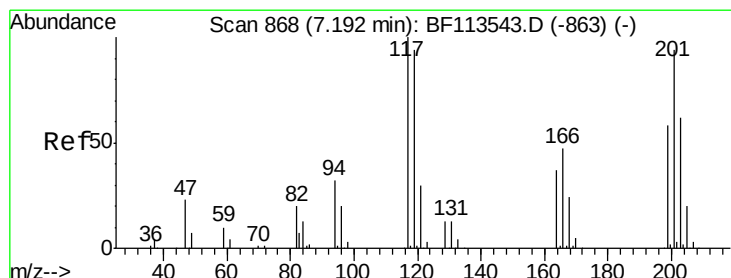
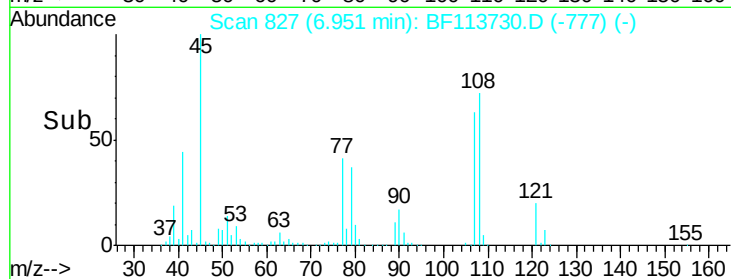
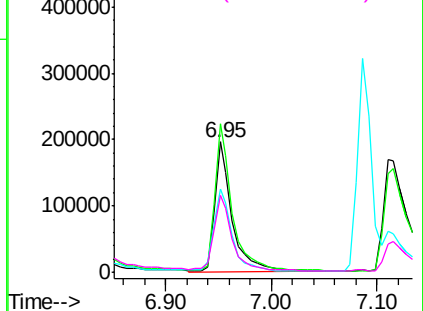
#17
2-Methylphenol
Concen: 39.347 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	225339
Ion	Ratio	Lower	Upper
107	100		
108	114.0	93.4	140.0
77	64.2	41.2	61.8#
79	59.0	40.1	60.1

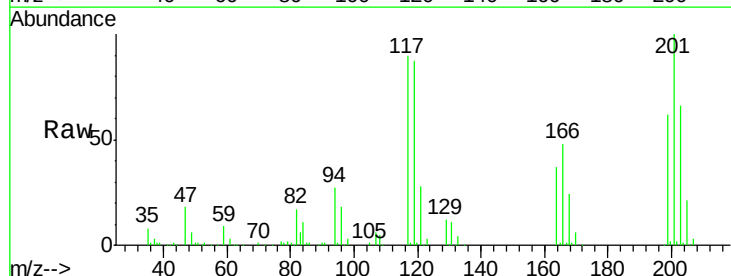


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

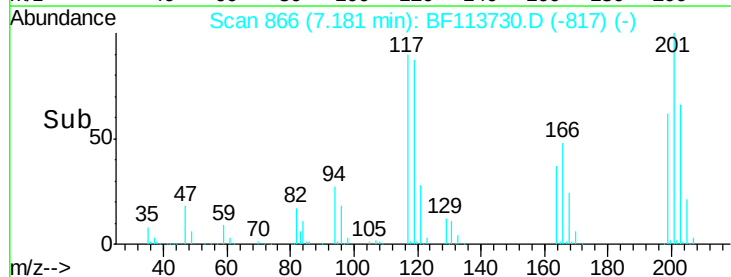
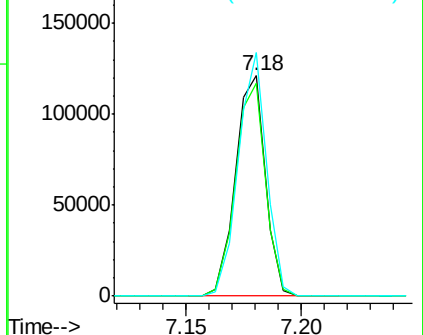


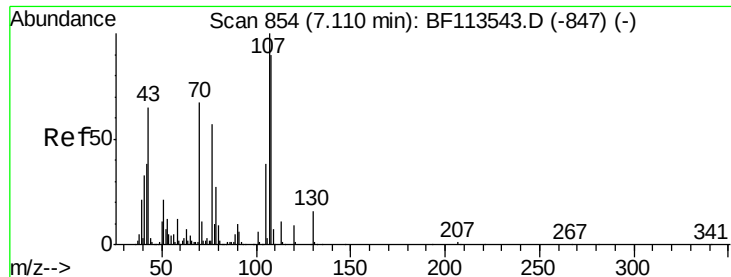
#18
Hexachloroethane
Concen: 37.481 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Tgt Ion:	117	Resp:	109716
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.9	115.3
201	110.6	78.7	118.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

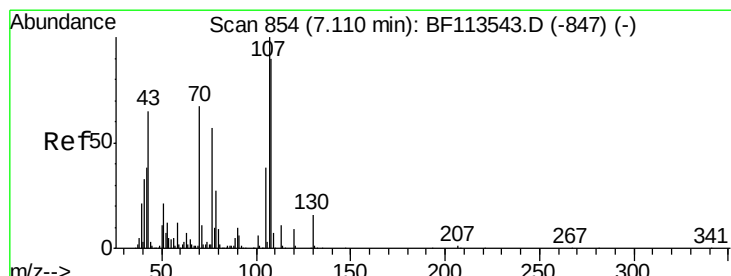
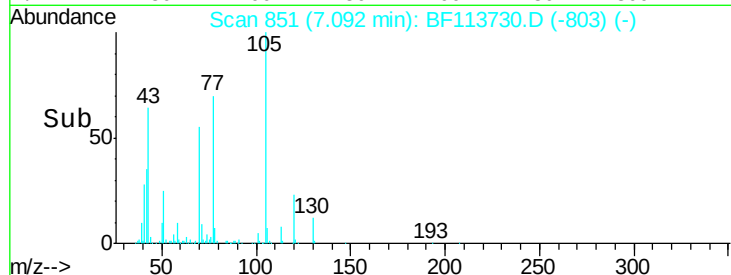
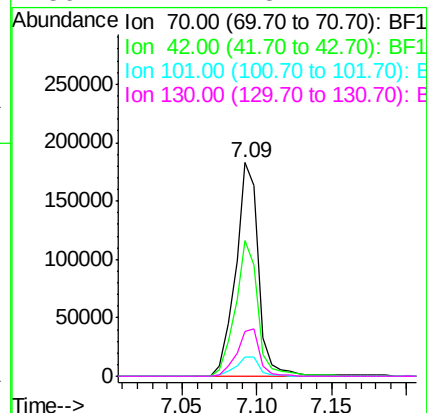
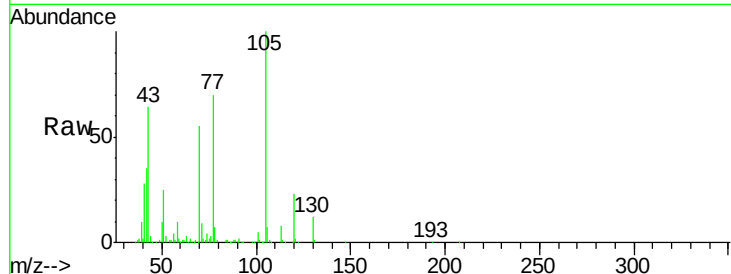




#19
n-Nitroso-di-n-propylamine
Concen: 40.541 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

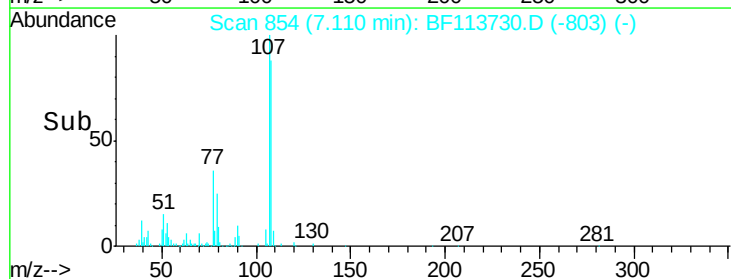
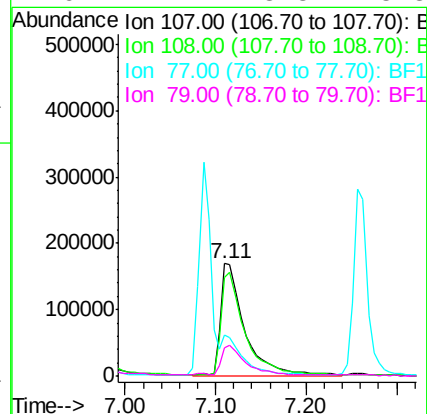
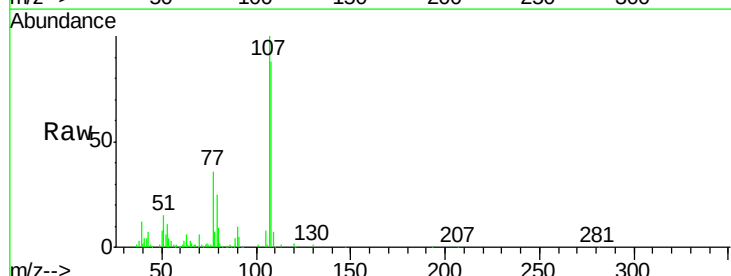
Instrument :
BNA_F
ClientSampleId :

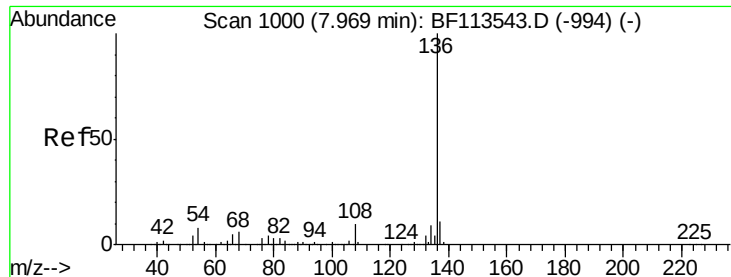
Tot Ion:	70	Resp:	196800
Ion	Ratio	Lower	Upper
70	100		
42	63.3	48.4	72.6
101	9.3	7.8	11.8
130	21.1	18.2	27.4



#20
3+4-Methylphenols
Concen: 44.954 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Tgt Ion:	107	Resp:	311944
Ion	Ratio	Lower	Upper
107	100		
108	87.8	71.4	111.4
77	36.0	33.5	73.5
79	24.7	8.3	48.3

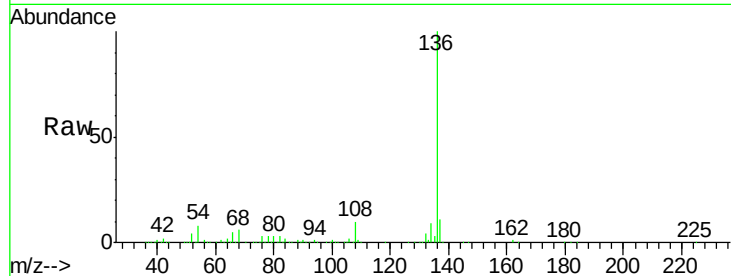




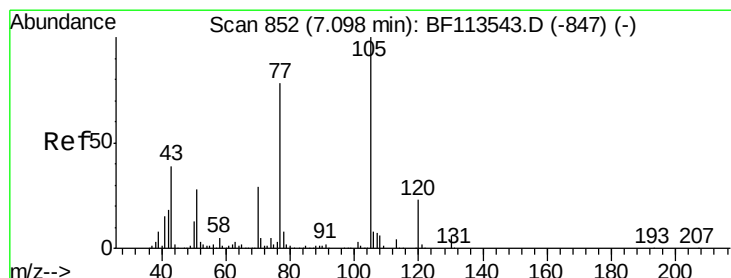
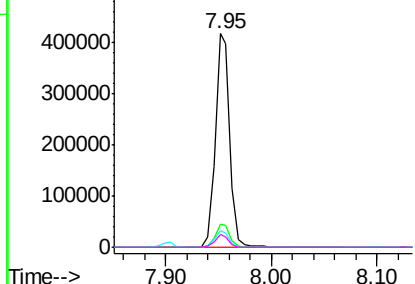
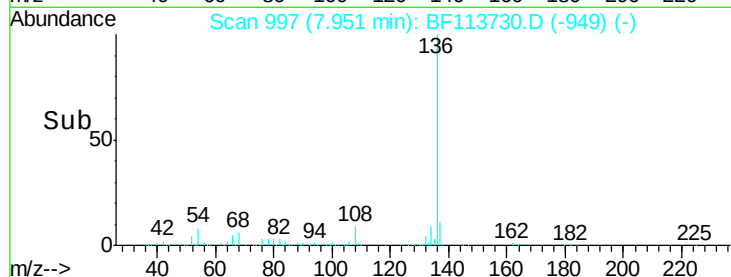
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	402072
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	8.0	7.0 10.6
68	6.0	4.8 7.2

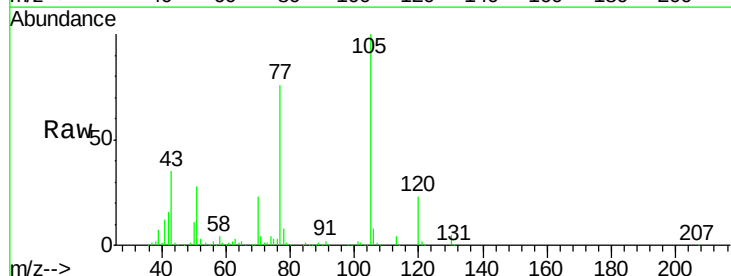


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

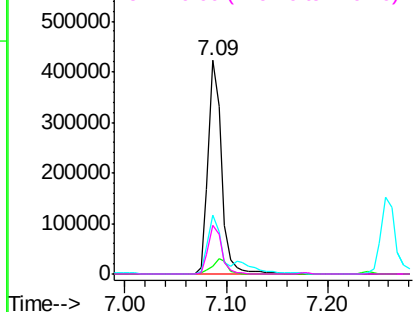
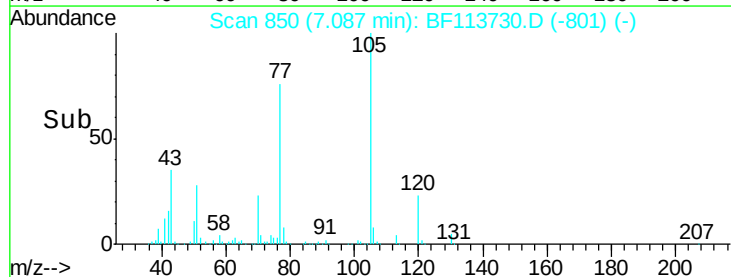


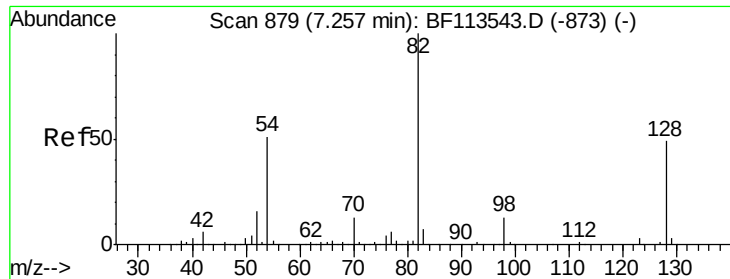
#22
Acetophenone
Concen: 44.491 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Tgt Ion:105	Resp:	392893
Ion	Ratio	Lower Upper
105	100	
71	3.9	3.3 4.9
51	27.8	24.2 36.2
120	22.9	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

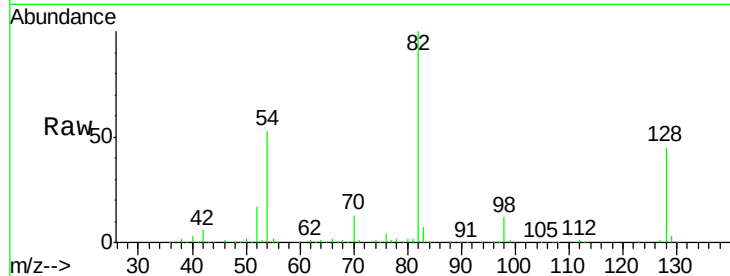




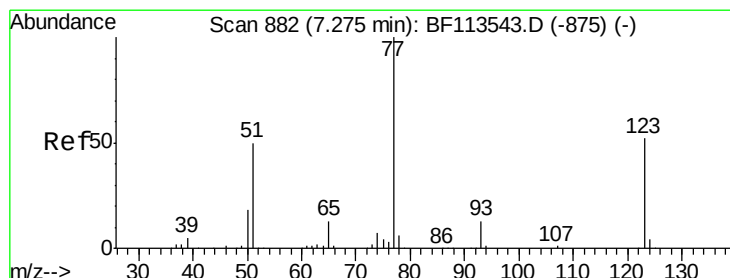
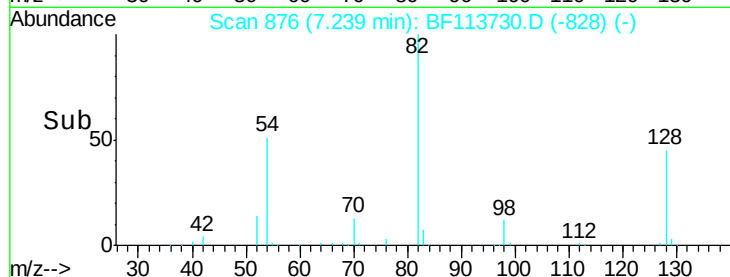
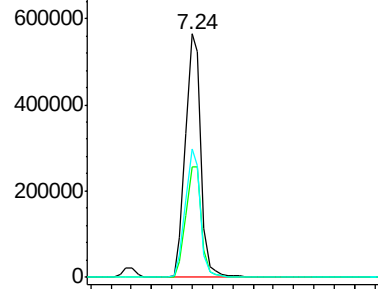
#23
Nitrobenzene-d5
Concen: 87.458 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 600330
Ion Ratio Lower Upper
82 100
128 45.4 36.5 54.7
54 52.6 42.2 63.2

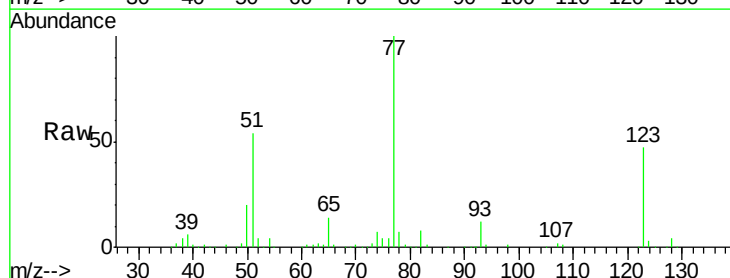


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

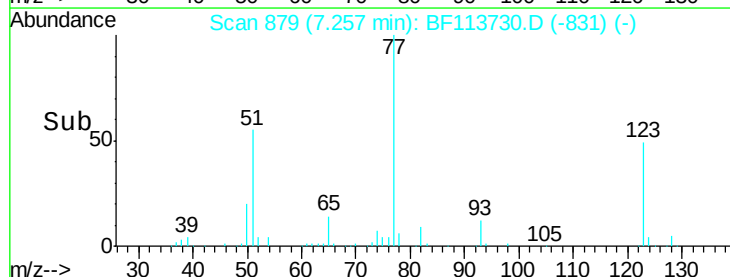
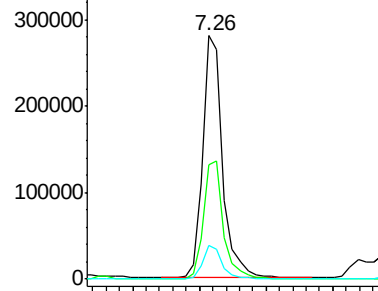


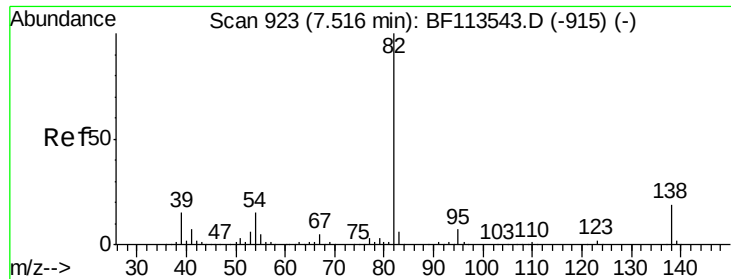
#24
Nitrobenzene
Concen: 41.312 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Tgt Ion: 77 Resp: 292037
Ion Ratio Lower Upper
77 100
123 46.8 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: 40.351 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

Instrument :

BNA_F

ClientSampleId :

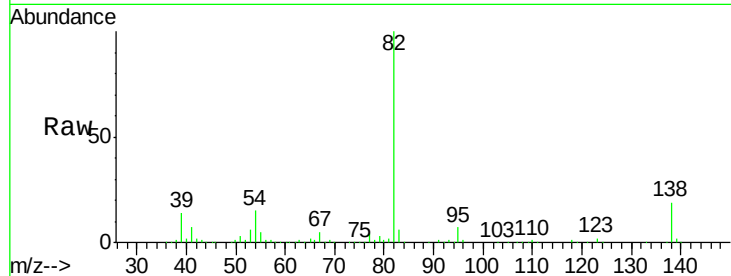
Tot Ion: 82 Resp: 533566

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

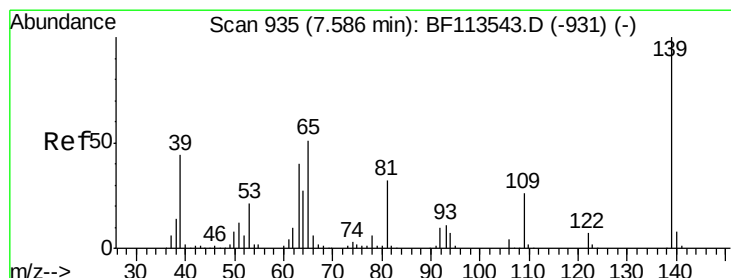
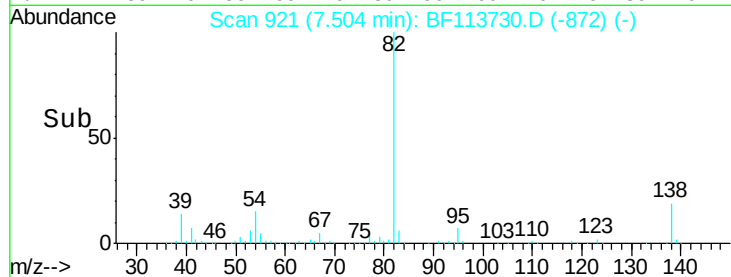
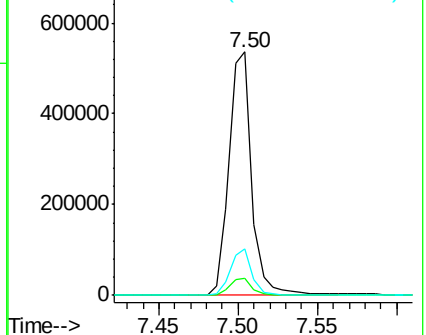
138 19.2 15.2 22.8



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: 41.263 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

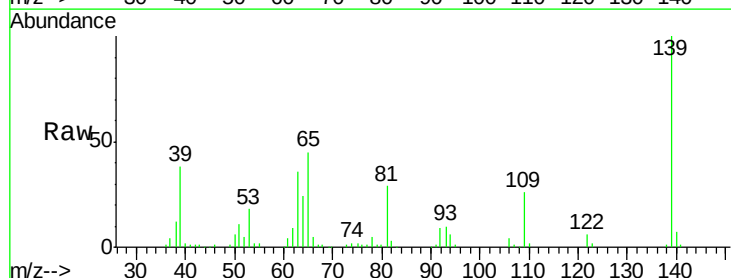
Tgt Ion: 139 Resp: 156987

Ion Ratio Lower Upper

139 100

109 25.5 21.7 32.5

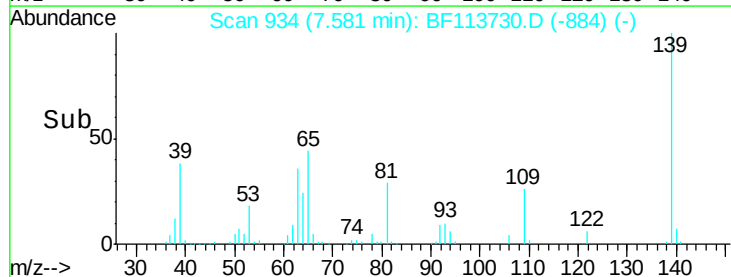
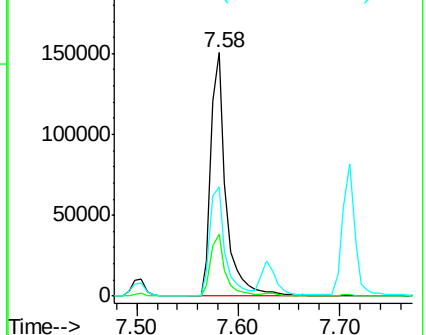
65 45.1 41.6 62.4

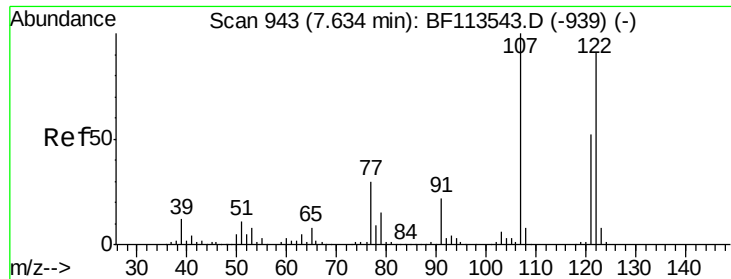


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 45.230 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

Instrument :

BNA_F

ClientSampleId :

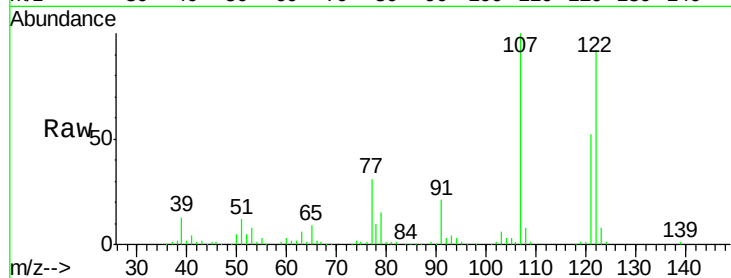
Tot Ion:122 Resp: 246005

Ion Ratio Lower Upper

122 100

107 109.0 88.8 133.2

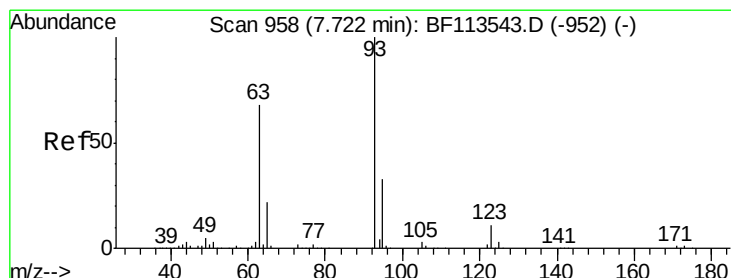
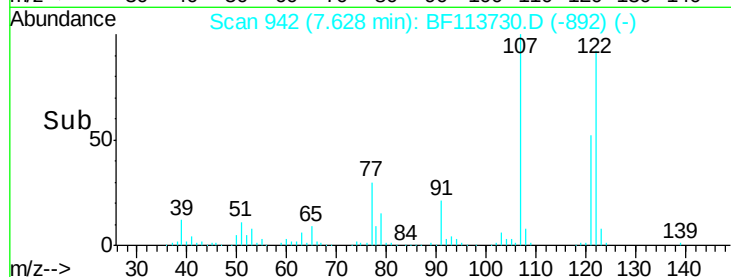
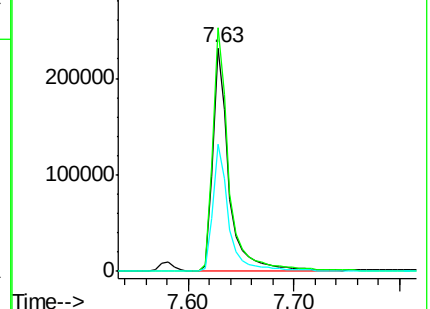
121 57.0 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.778 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

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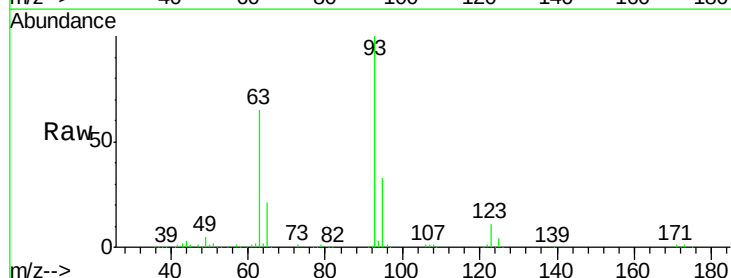
Tgt Ion: 93 Resp: 340903

Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

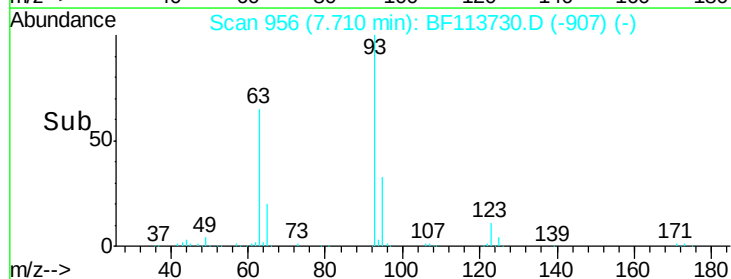
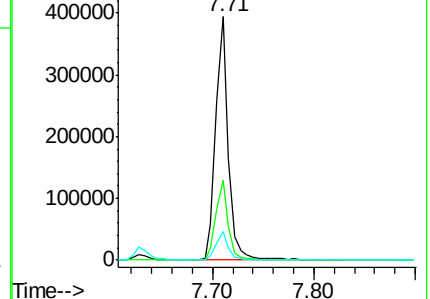
123 11.5 9.1 13.7

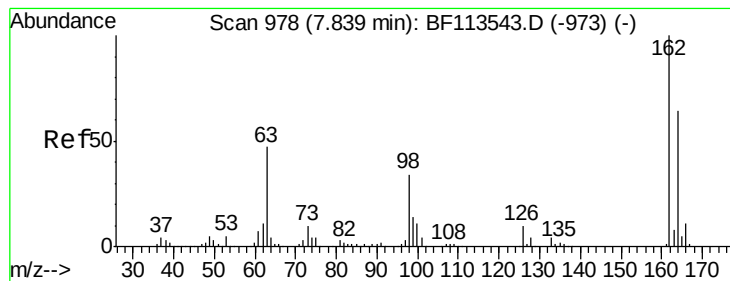


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

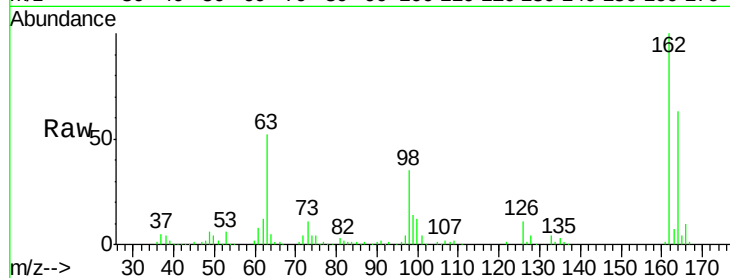




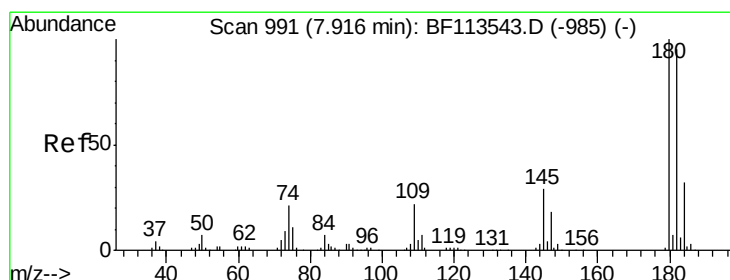
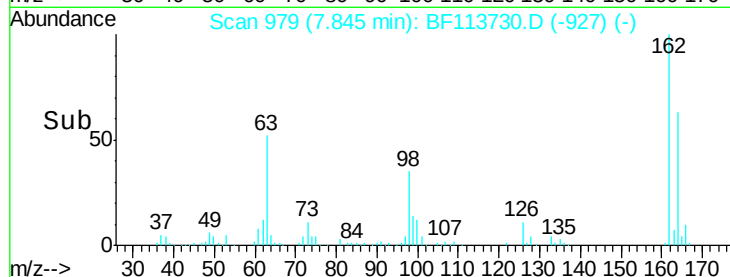
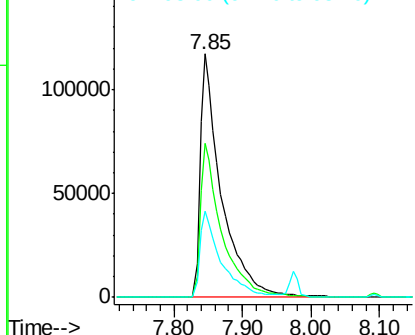
#29
 2,4-Dichlorophenol
 Concen: 43.596 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	35.4	15.6	55.6

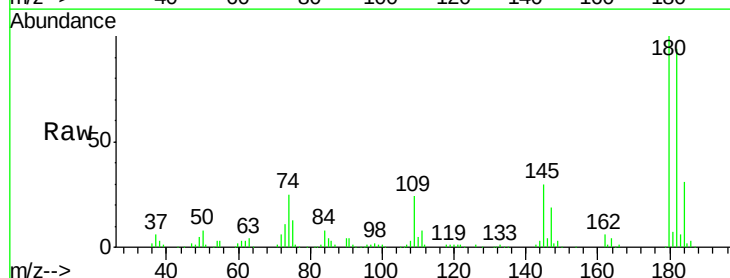


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

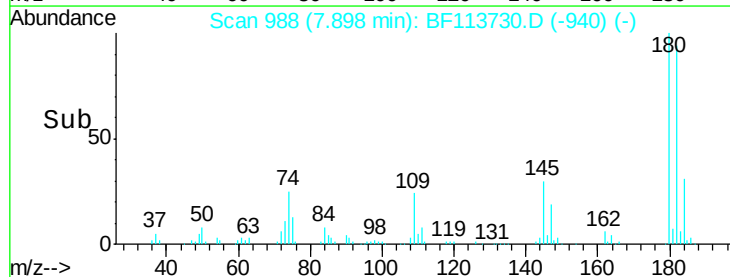
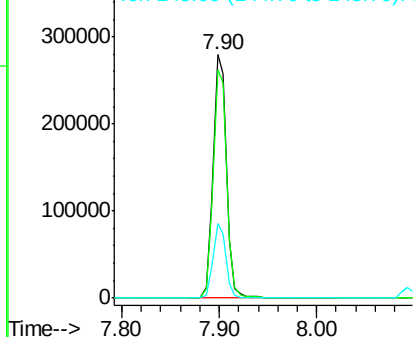


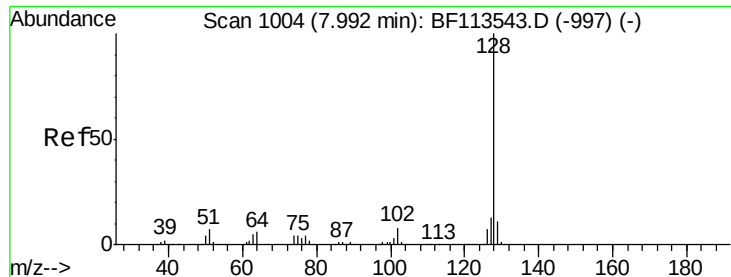
#30
 1,2,4-Trichlorobenzene
 Concen: 42.027 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.02 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	74.6	111.8
145	30.4	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

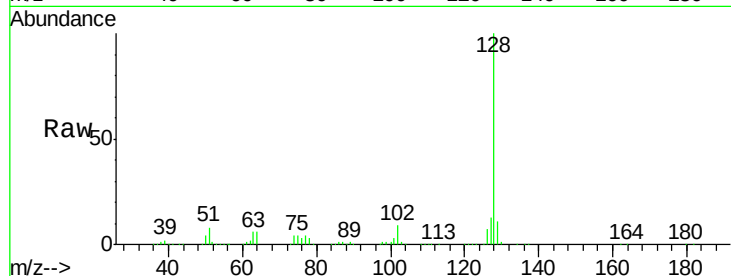




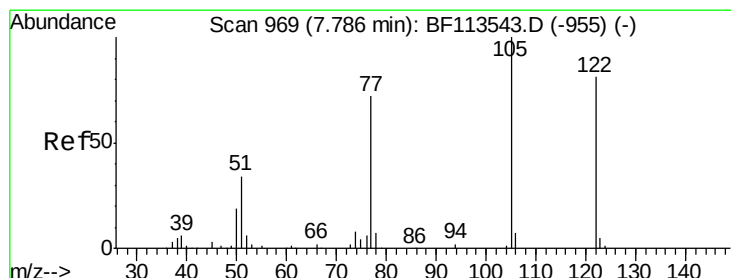
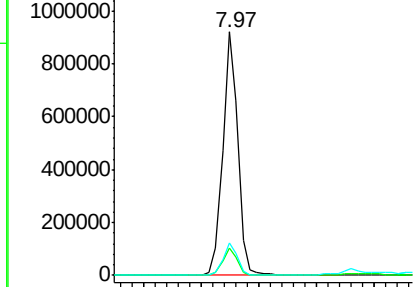
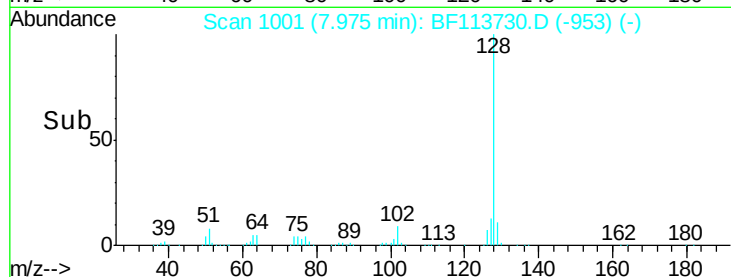
#31
Naphthalene
Concen: 42.853 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 834835
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.3 10.9 16.3

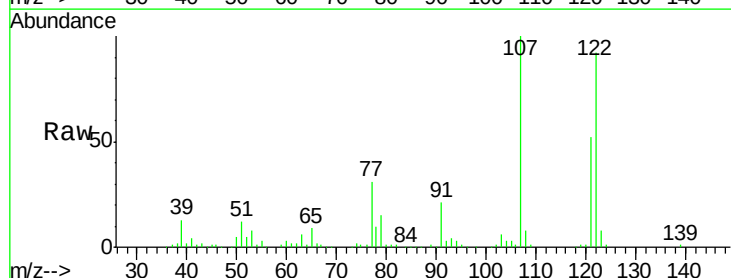


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

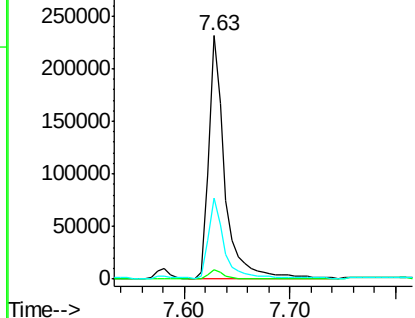
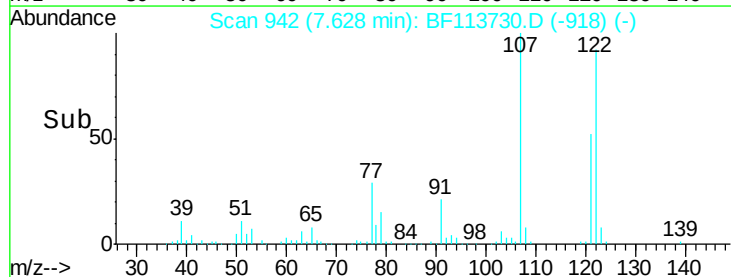


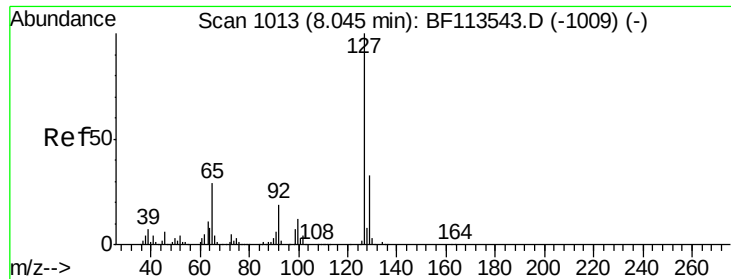
#32
Benzoic acid
Concen: 58.410 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.16 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Tgt Ion:122 Resp: 246005
Ion Ratio Lower Upper
122 100
105 3.6 100.4 140.4#
77 33.3 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

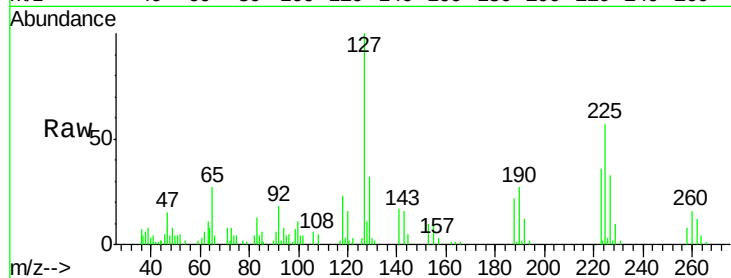




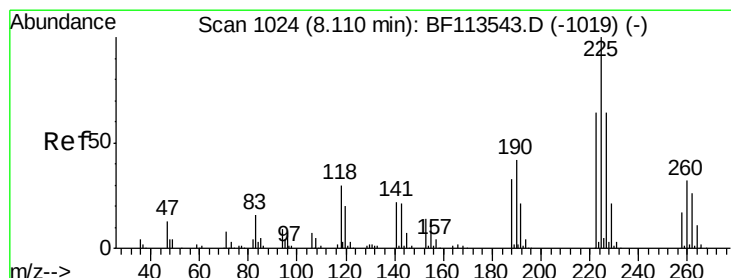
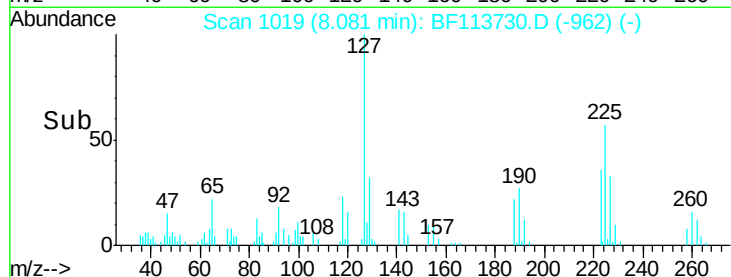
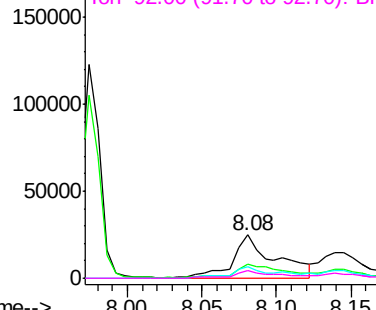
#33
4-Chloroaniline
Concen: 6.341 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.04 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	48981
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	26.5	24.2	36.4
92	18.4	15.0	22.6

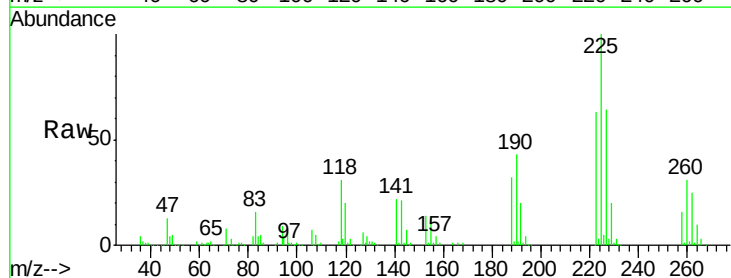


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

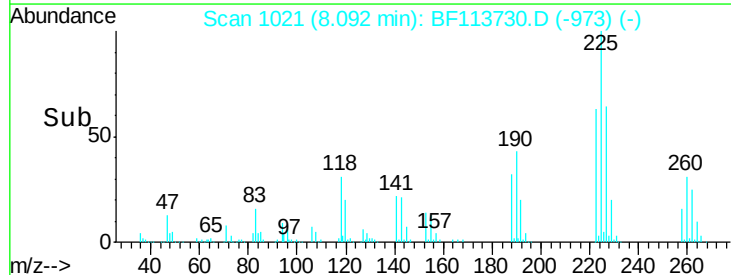
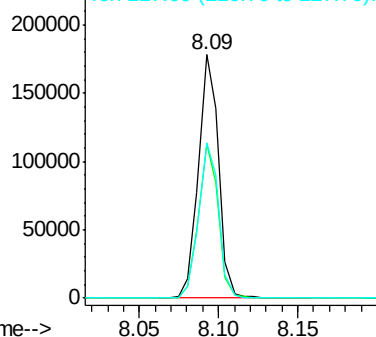


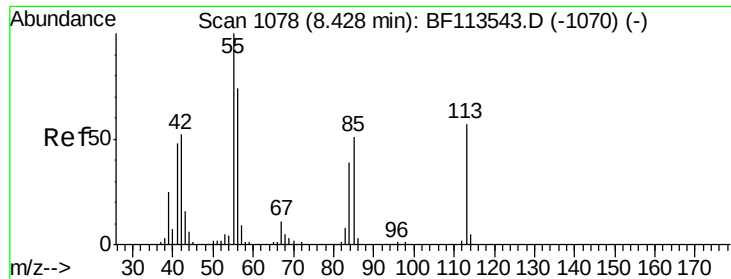
#34
Hexachlorobutadiene
Concen: 40.690 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Tgt Ion:	225	Resp:	156776
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.4	77.2
227	64.0	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

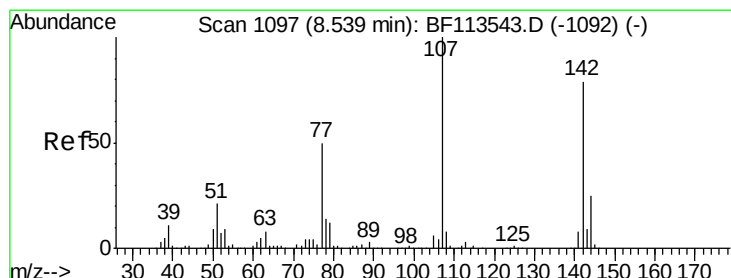
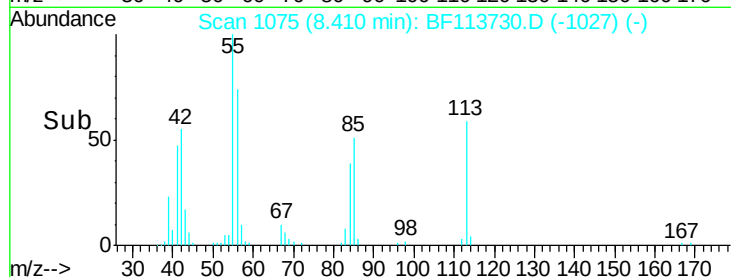
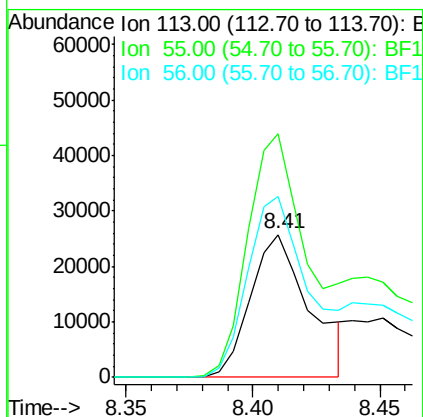
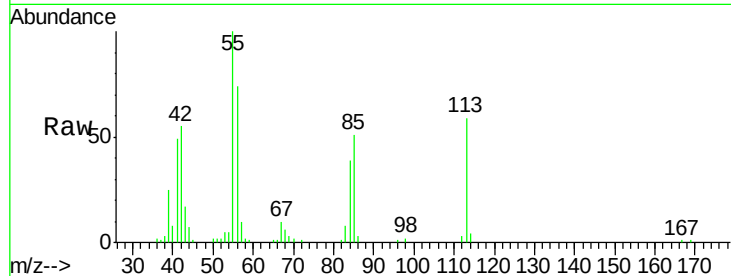




#35
 Caprolactam
 Concen: 22.585 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

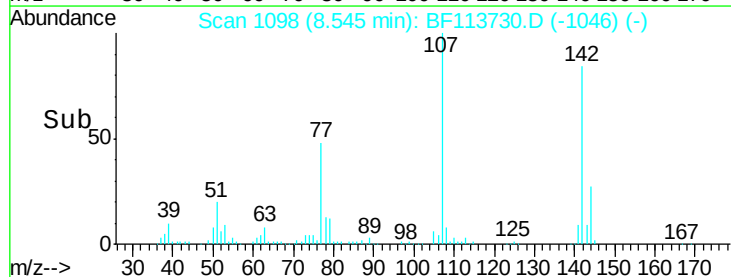
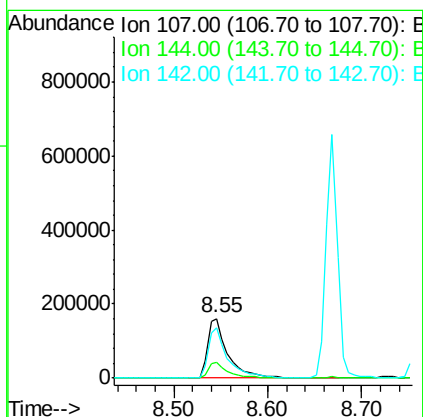
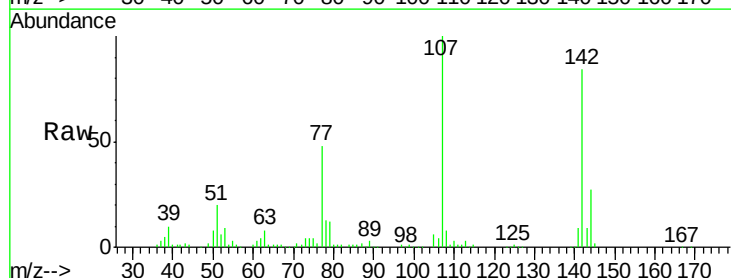
Instrument :
 BNA_F
 ClientSampled :

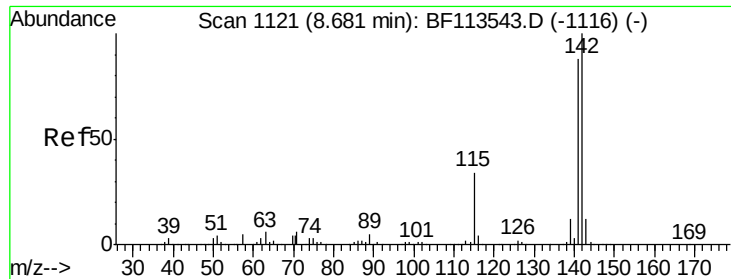
Tot Ion:113 Resp: 41722
 Ion Ratio Lower Upper
 113 100
 55 170.7 152.7 192.7
 56 127.0 108.3 148.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.731 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

Tgt Ion:107 Resp: 243782
 Ion Ratio Lower Upper
 107 100
 144 27.2 21.4 32.0
 142 83.8 65.6 98.4

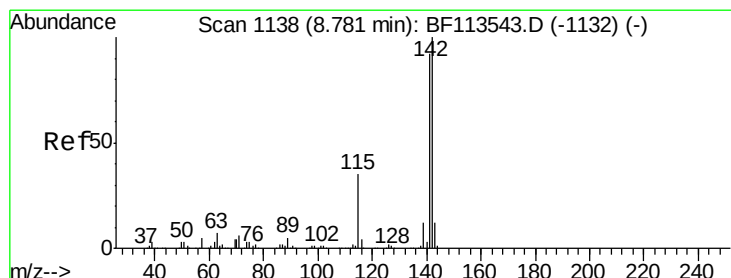
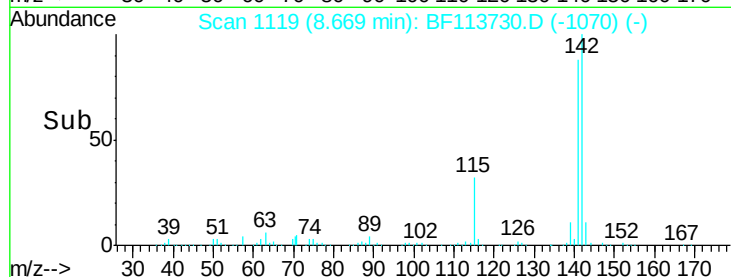
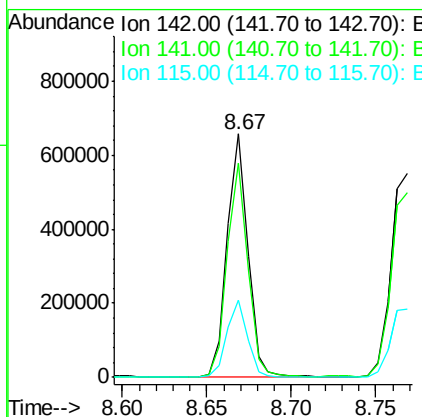
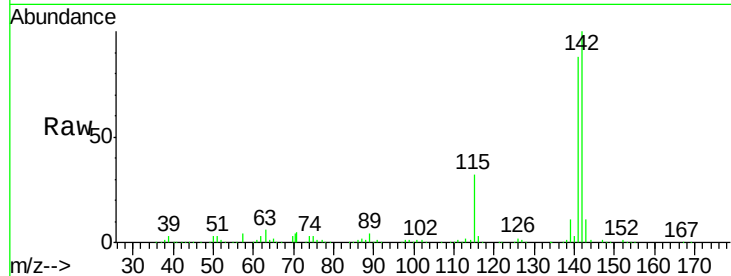




#37
2-Methylnaphthalene
Concen: 43.957 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

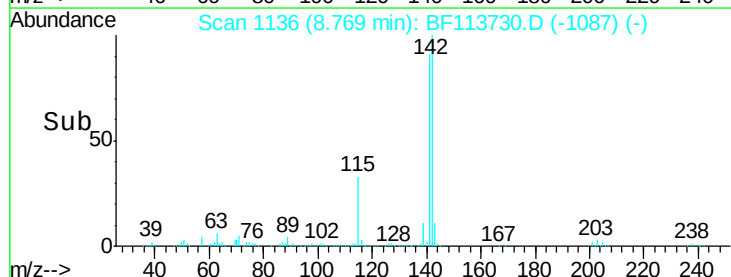
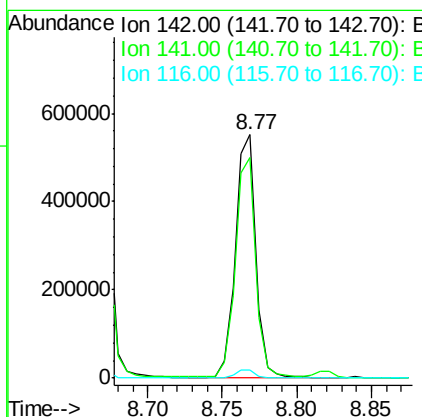
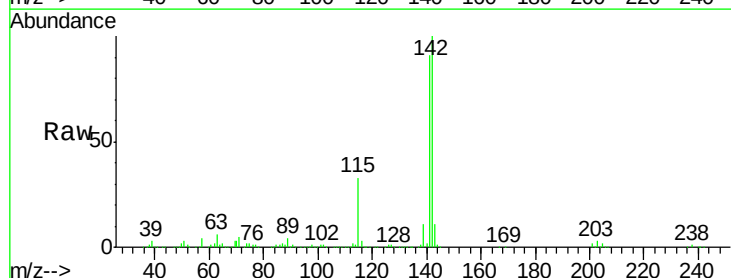
Instrument :
BNA_F
ClientSampleId :

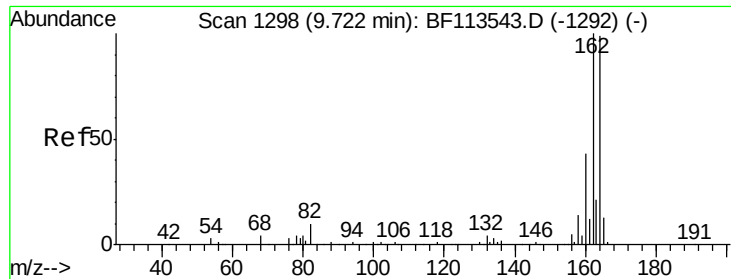
Tot Ion:142 Resp: 563216
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.6
115 31.9 26.6 39.8



#38
1-Methylnaphthalene
Concen: 42.663 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Tgt Ion:142 Resp: 527096
Ion Ratio Lower Upper
142 100
141 90.7 73.2 109.8
116 3.5 3.0 4.4

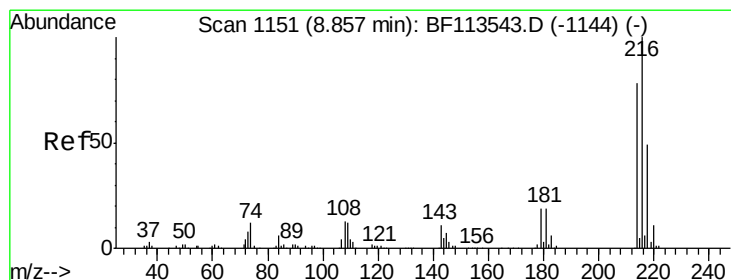
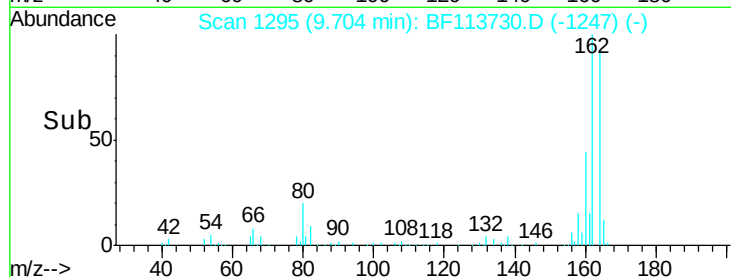
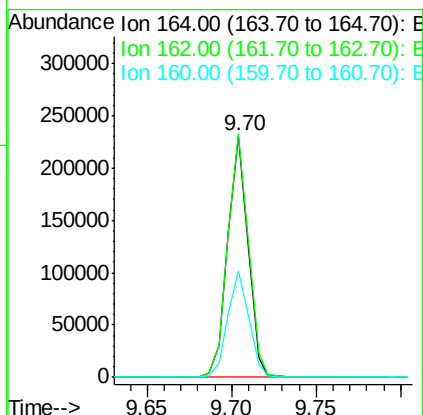
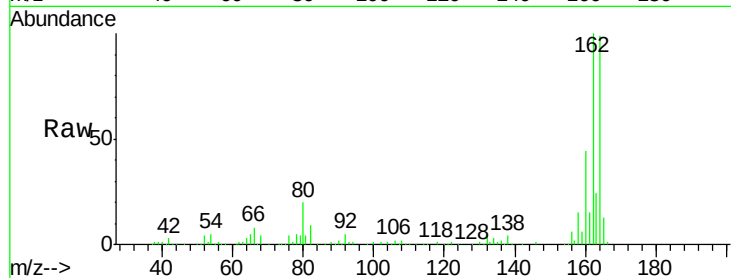




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

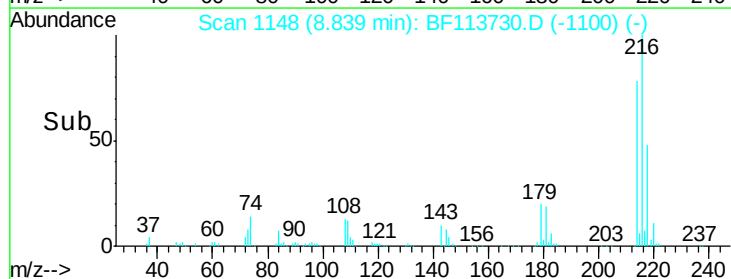
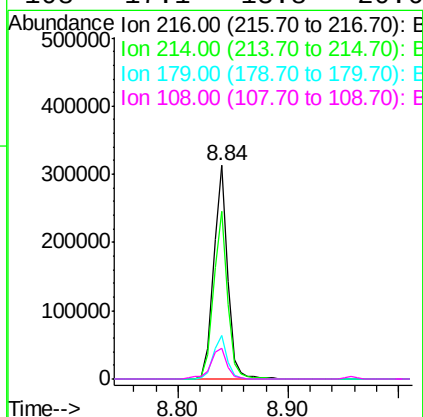
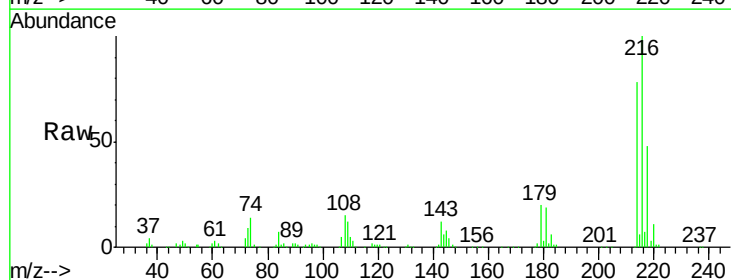
Instrument :
 BNA_F
 ClientSampleId :

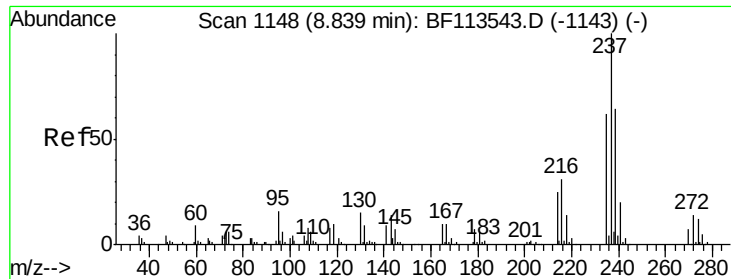
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.8	122.6
160	44.0	36.4	54.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.014 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.6
179	20.0	16.8	25.2
108	17.1	13.8	20.6

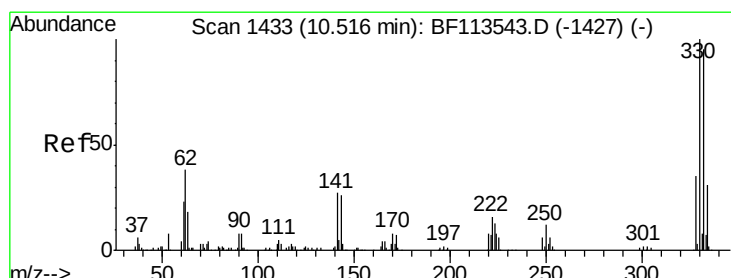
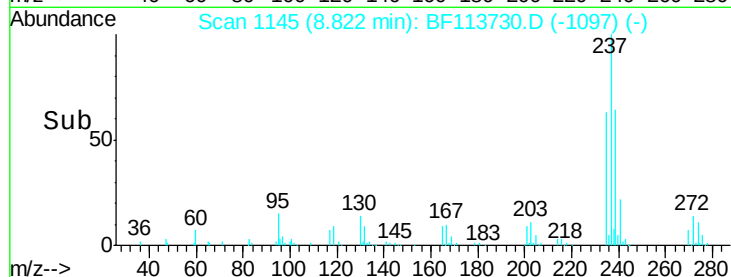
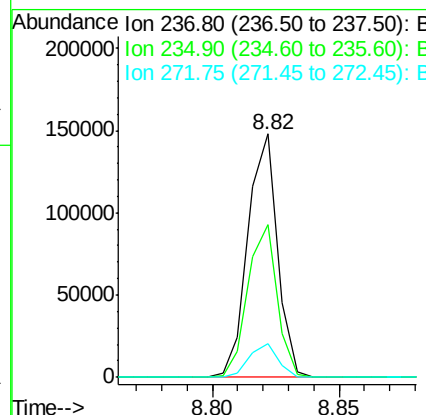
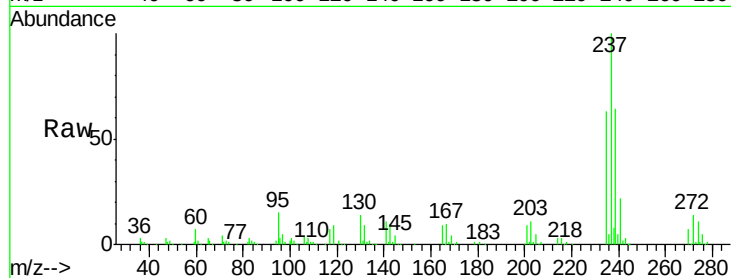




#41
Hexachlorocyclopentadiene
Concen: 59.090 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

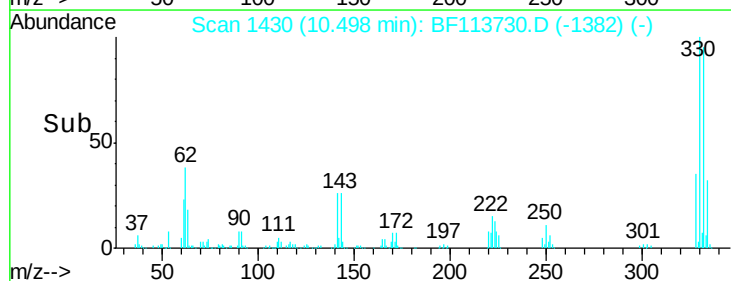
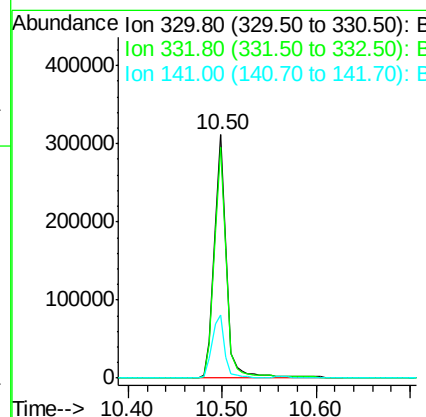
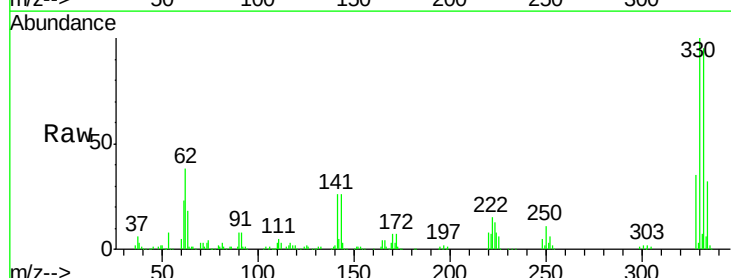
Instrument :
BNA_F
ClientSampleId :

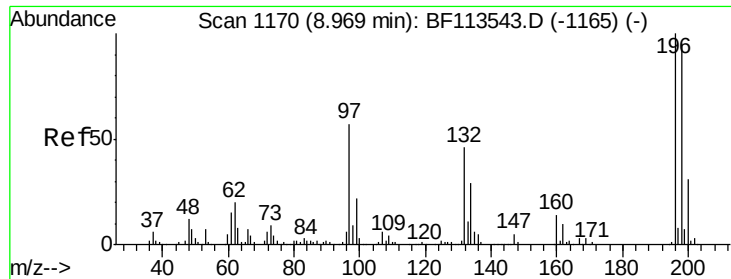
Tot Ion:	237	Resp:	120170
Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.4	83.4
272	13.8	0.0	33.7



#42
2,4,6-Tribromophenol
Concen: 125.196 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Tgt Ion:	330	Resp:	291017
Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.6
141	27.0	22.7	34.1

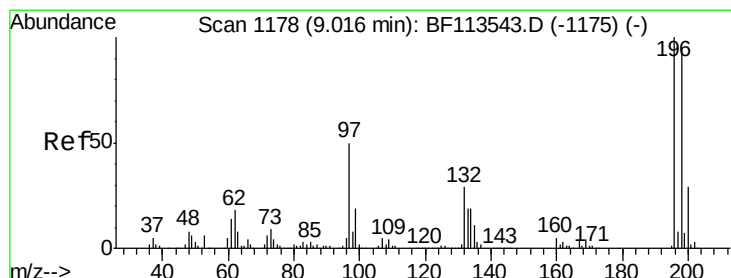
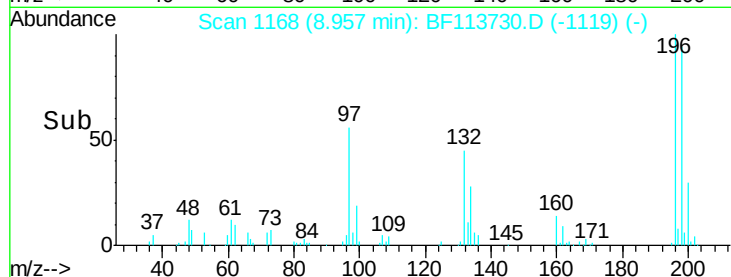
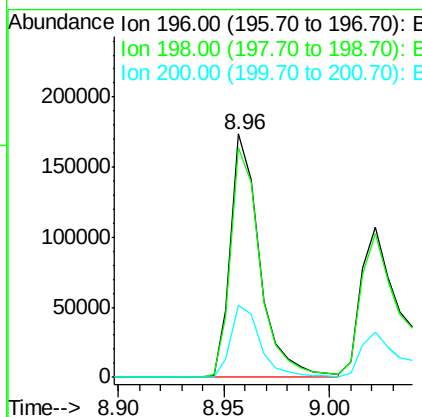
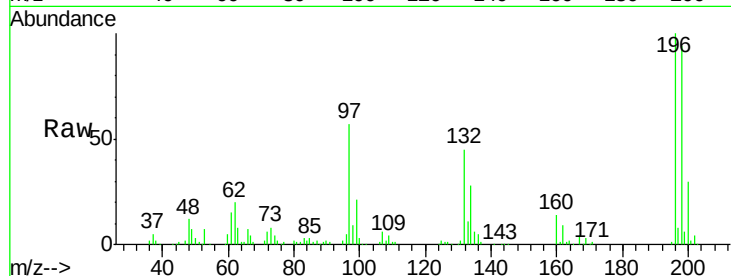




#43
 2,4,6-Trichlorophenol
 Concen: 42.149 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

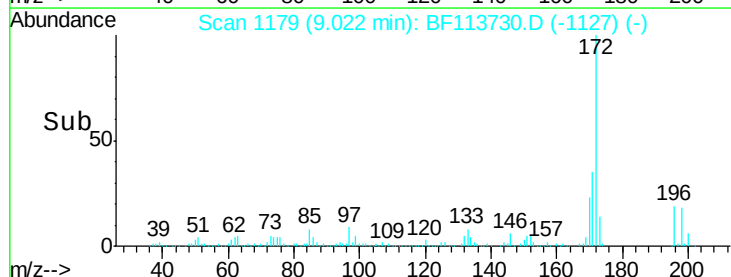
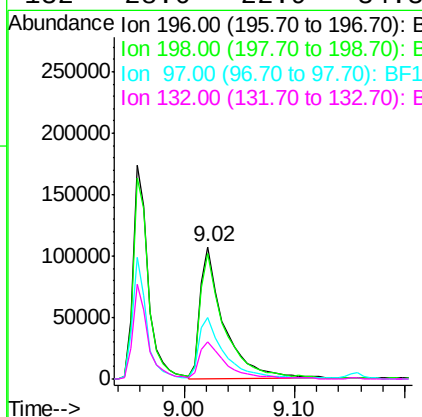
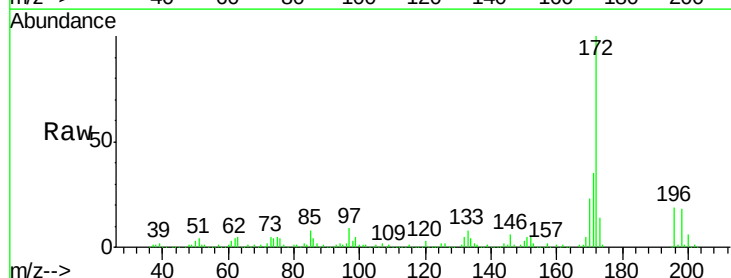
Instrument :
 BNA_F
 ClientSampled :

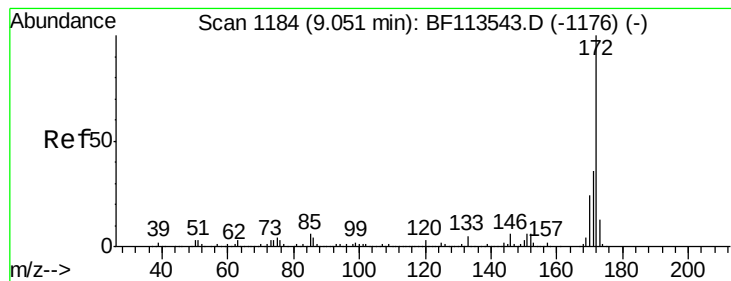
Tot Ion:196 Resp: 166503
 Ion Ratio Lower Upper
 196 100
 198 94.0 77.7 116.5
 200 29.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 36.927 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

Tgt Ion:196 Resp: 156610
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.4 113.2
 97 46.1 38.6 58.0
 132 28.6 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 91.991 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

Instrument :

BNA_F

ClientSampled :

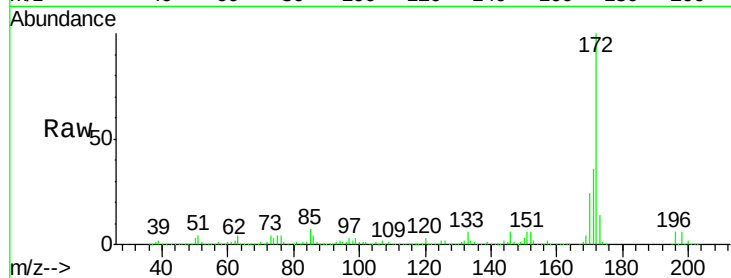
Tot Ion:172 Resp: 1105720

Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.6

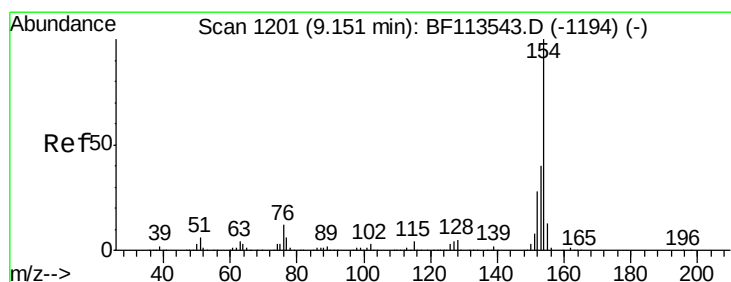
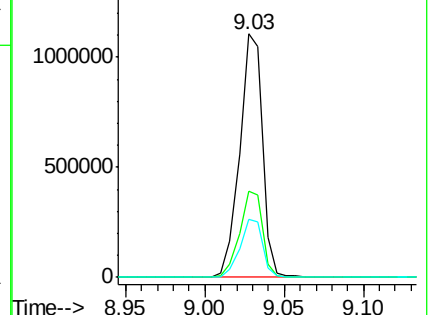
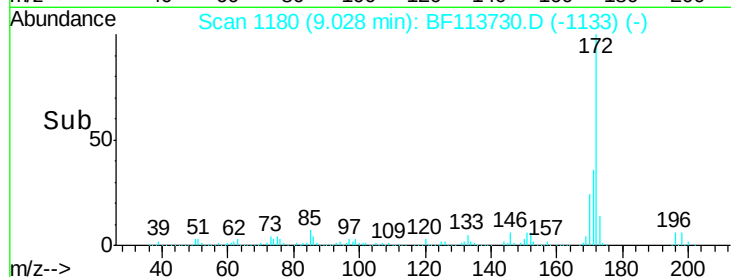
170 24.0 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 43.155 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

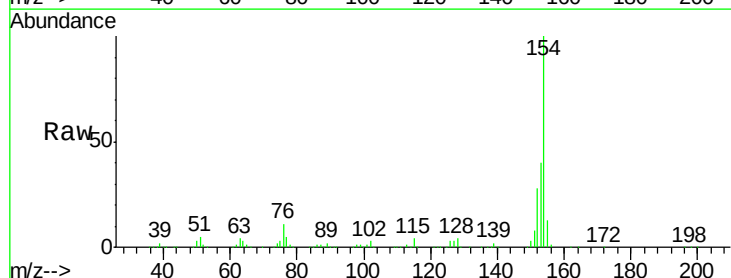
Tgt Ion:154 Resp: 689090

Ion Ratio Lower Upper

154 100

153 40.2 20.8 60.8

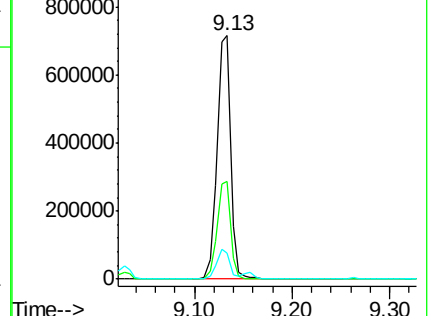
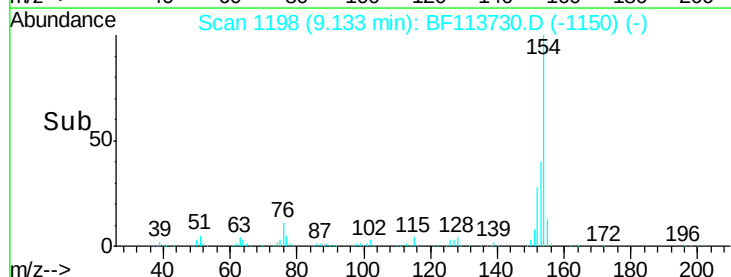
76 10.6 0.0 31.9

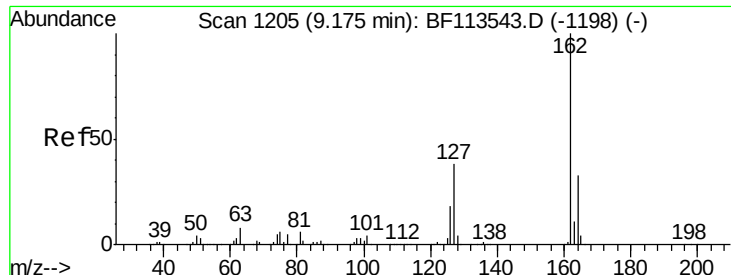


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

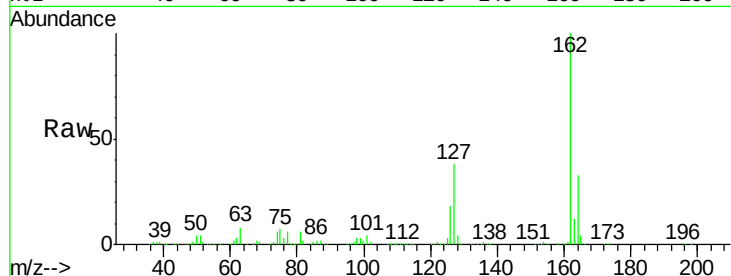




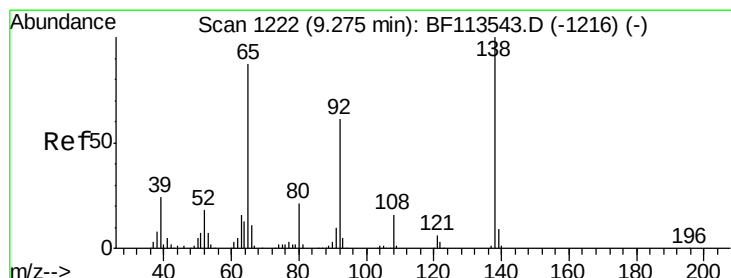
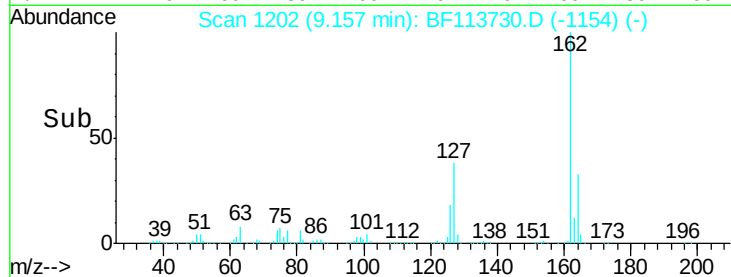
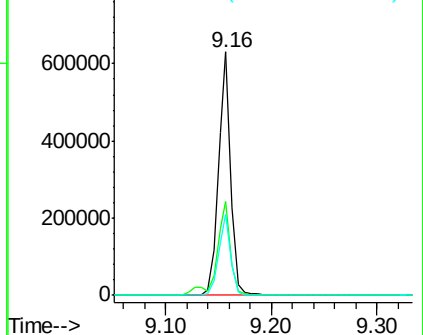
#47
 2-Chloronaphthalene
 Concen: 43.049 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	32.6	49.0
164	33.2	26.6	39.8

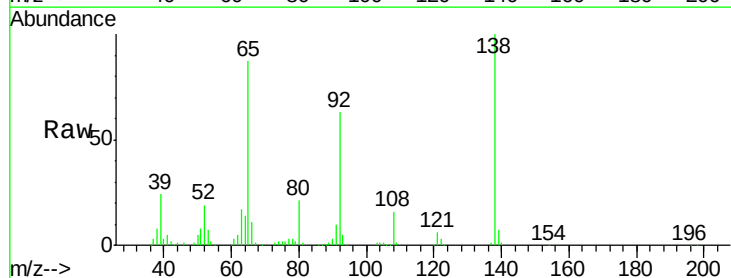


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

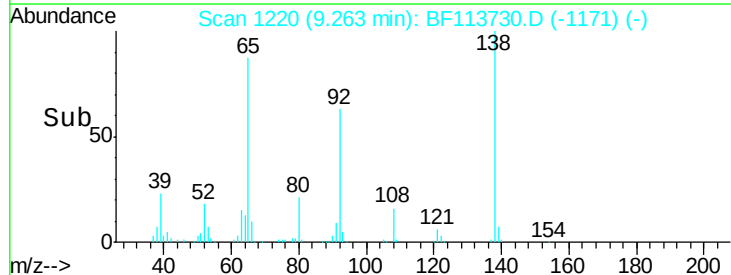
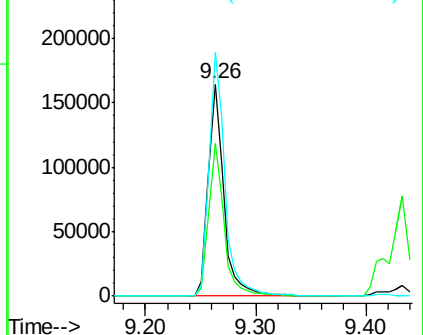


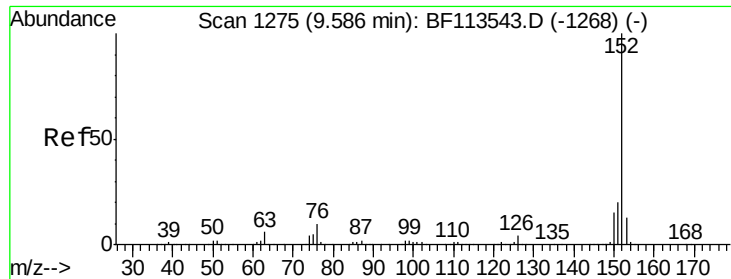
#48
 2-Nitroaniline
 Concen: 42.157 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	56.8	85.2
138	114.9	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: 42.195 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

Instrument :

BNA_F

ClientSampleId :

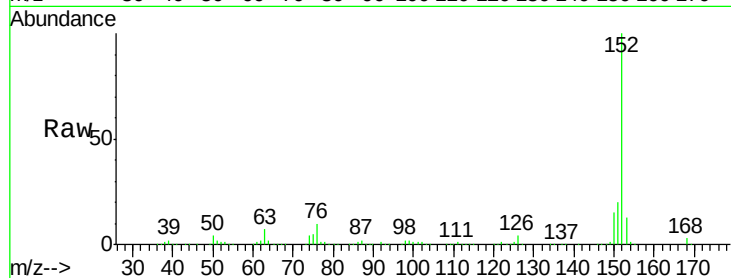
Tot Ion:152 Resp: 829545

Ion Ratio Lower Upper

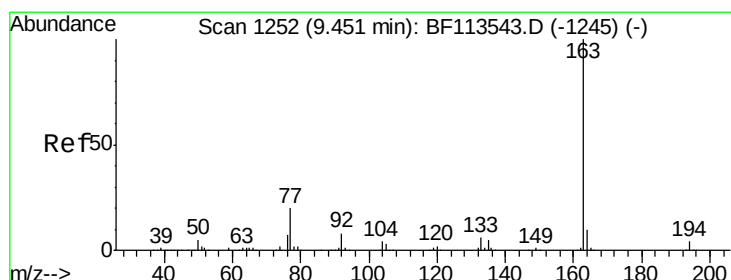
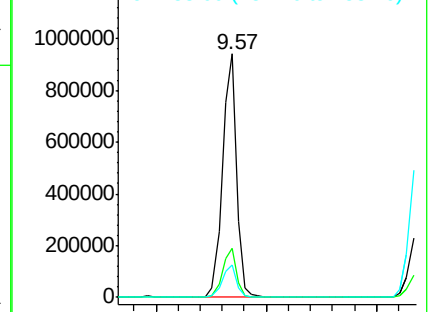
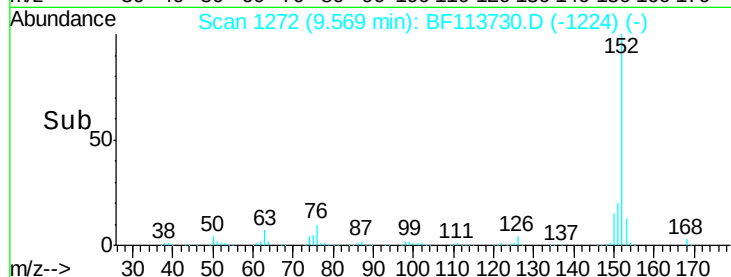
152 100

151 19.9 16.2 24.4

153 13.2 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: 48.797 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

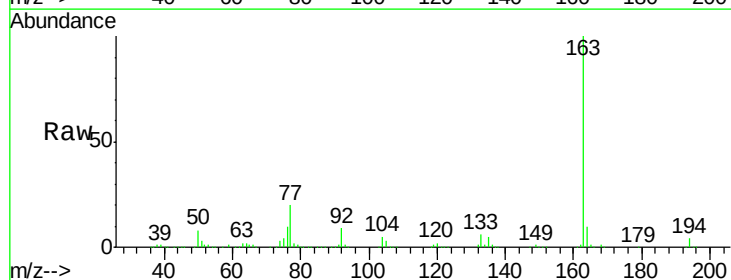
Tgt Ion:163 Resp: 696037

Ion Ratio Lower Upper

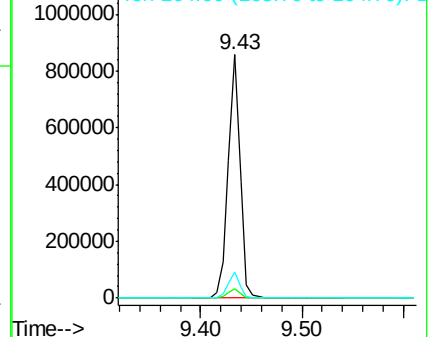
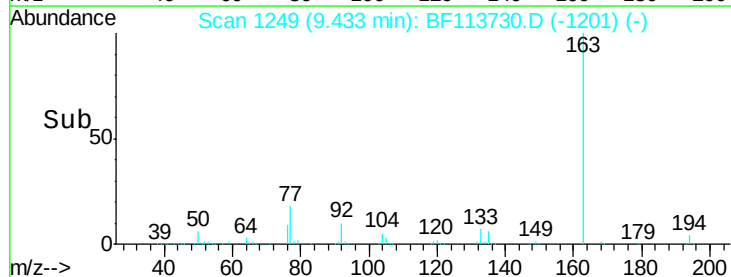
163 100

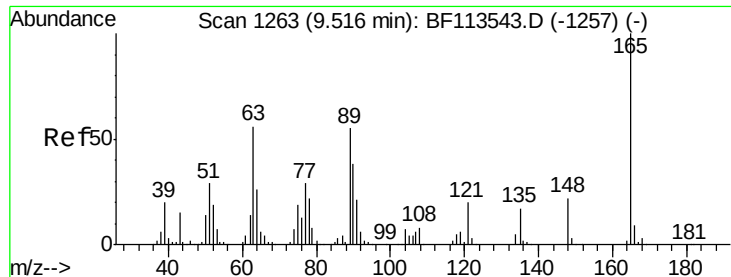
194 4.1 3.0 4.6

164 10.5 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

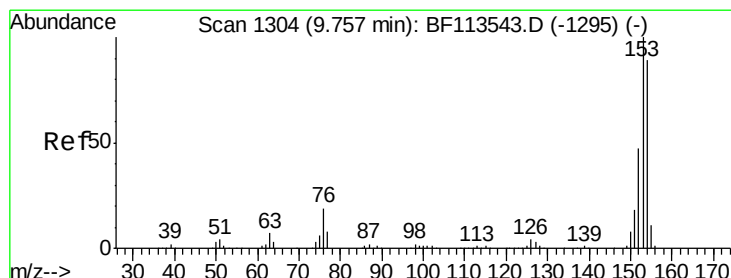
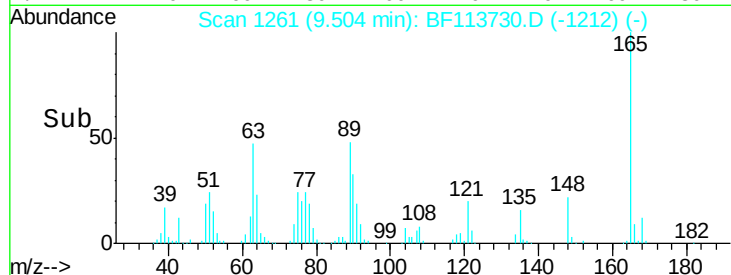
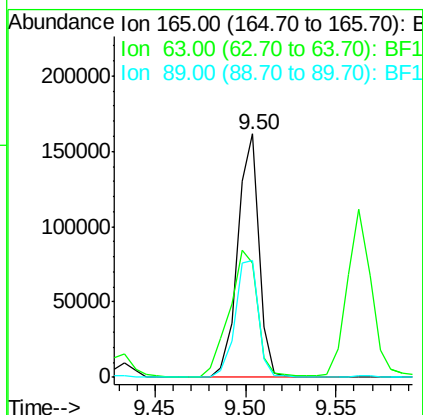
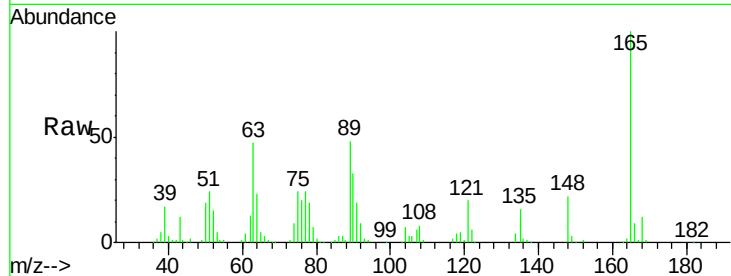




#51
 2,6-Dinitrotoluene
 Concen: 42.015 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

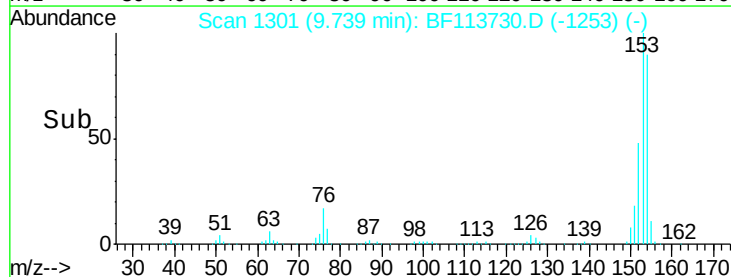
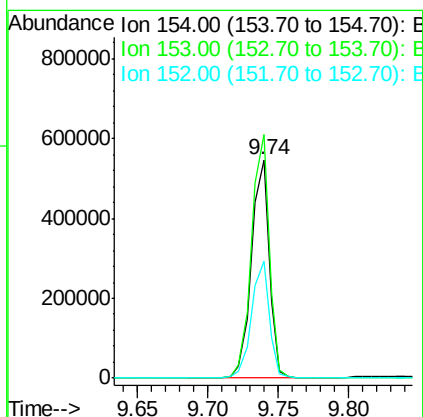
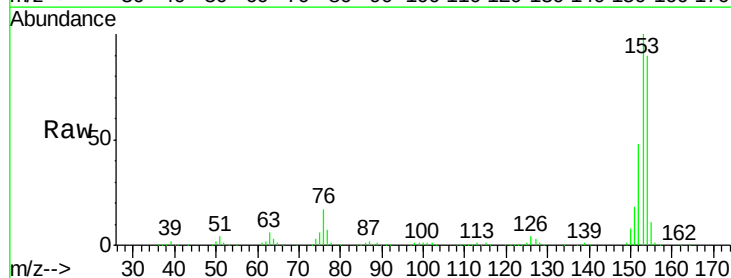
Instrument :
 BNA_F
 ClientSampled :

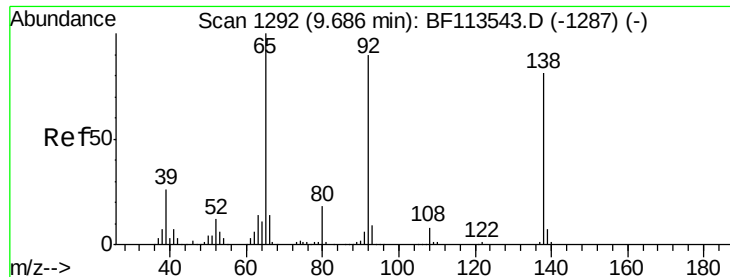
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.1	43.4	65.0
89	48.2	43.1	64.7



#52
 Acenaphthene
 Concen: 43.611 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.5	134.3
152	53.3	43.3	64.9

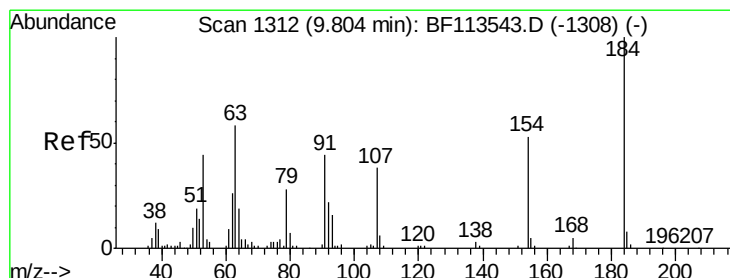
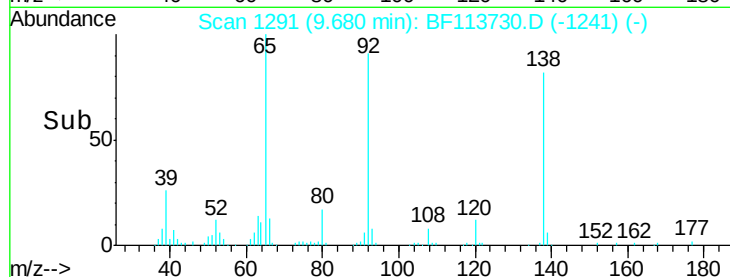
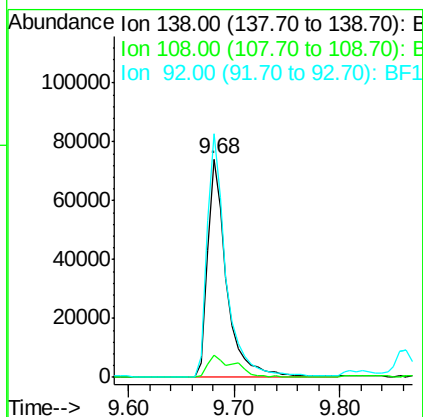
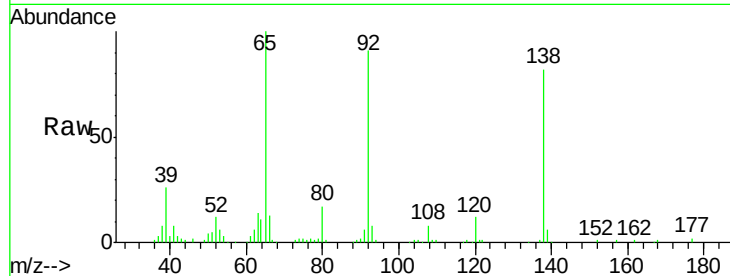




#53
 3-Nitroaniline
 Concen: 26.336 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

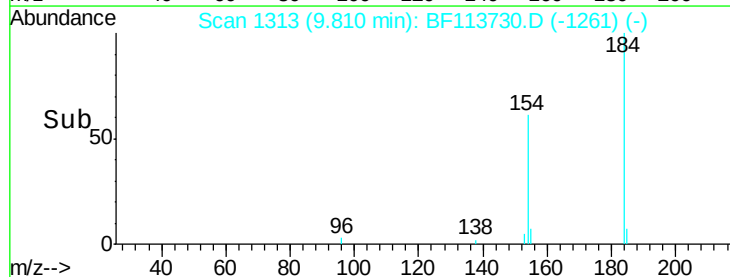
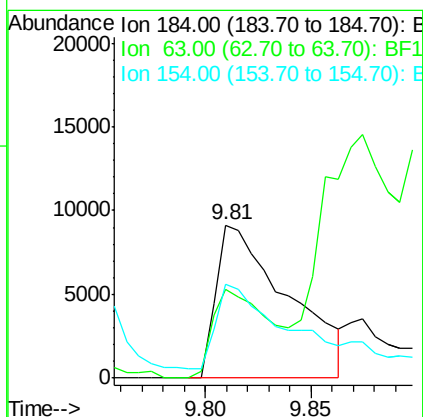
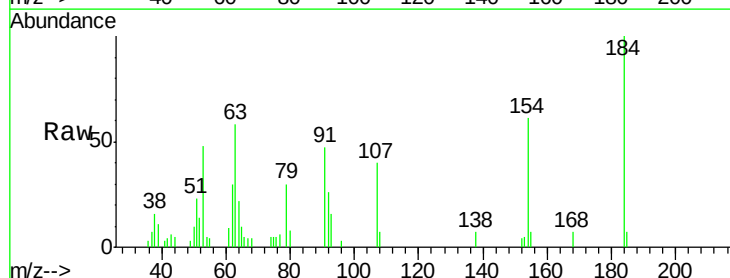
Instrument :
 BNA_F
 ClientSampleId :

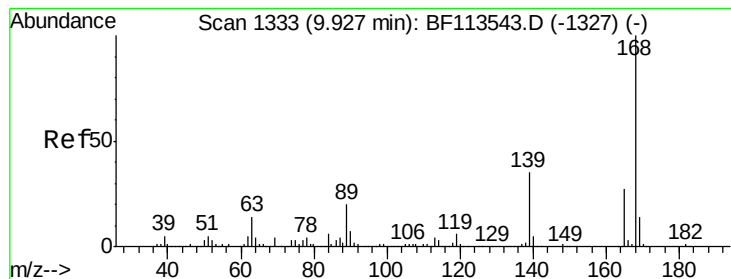
Tot Ion:138 Resp: 94145
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.8 11.6
 92 111.4 82.6 124.0



#54
 2,4-Dinitrophenol
 Concen: 14.629 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

Tgt Ion:184 Resp: 21520
 Ion Ratio Lower Upper
 184 100
 63 57.9 54.3 81.5
 154 61.0 48.4 72.6





#55

Dibenzenofuran

Concen: 44.132 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

Instrument :

BNA_F

ClientSampled :

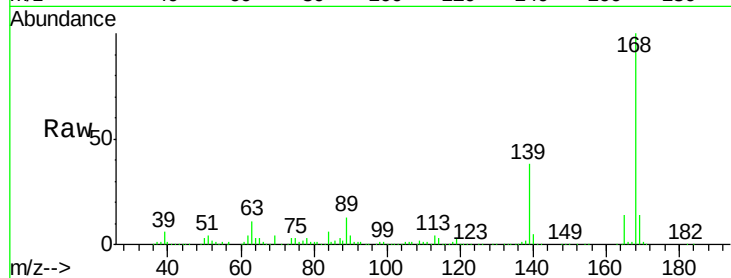
Tot Ion:168 Resp: 728533

Ion Ratio Lower Upper

168 100

139 38.1 29.7 44.5

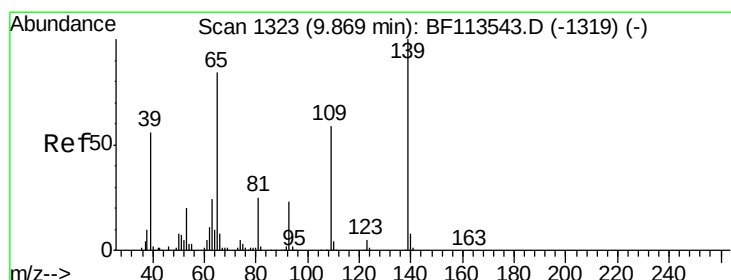
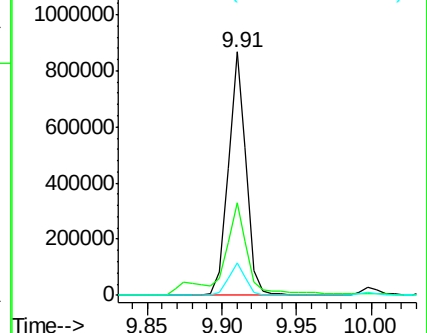
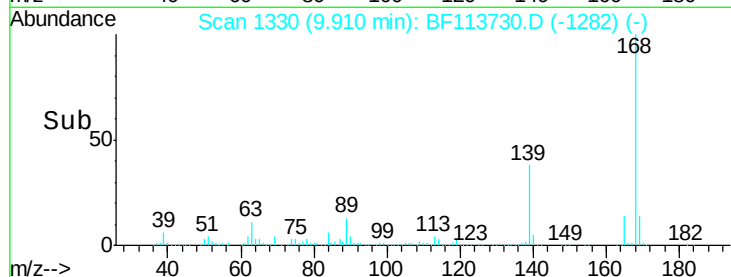
169 13.6 10.7 16.1



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: 29.973 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

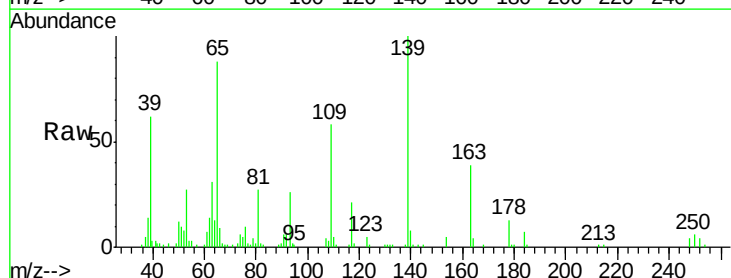
Tgt Ion:139 Resp: 66465

Ion Ratio Lower Upper

139 100

109 58.1 46.9 86.9

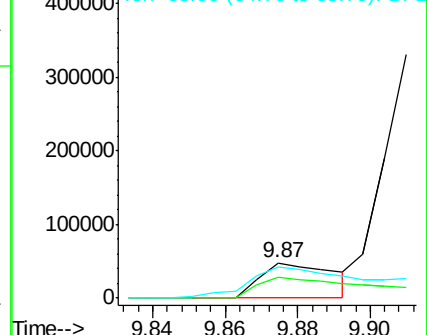
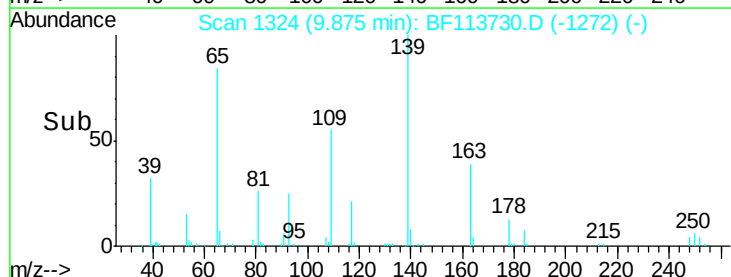
65 87.8 77.2 117.2

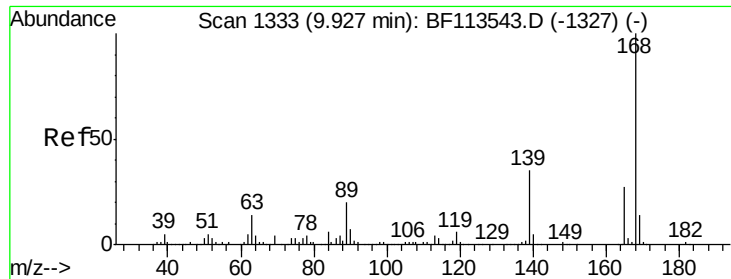


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 43.793 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 166530

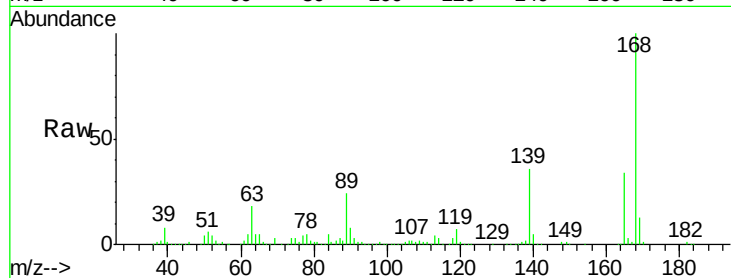
Ion Ratio Lower Upper

165 100

63 52.1 37.5 56.3

89 71.3 57.4 86.2

182 2.3 2.0 3.0

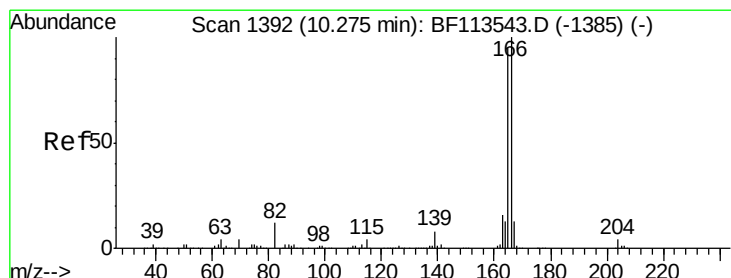
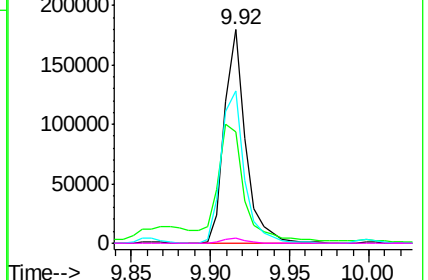
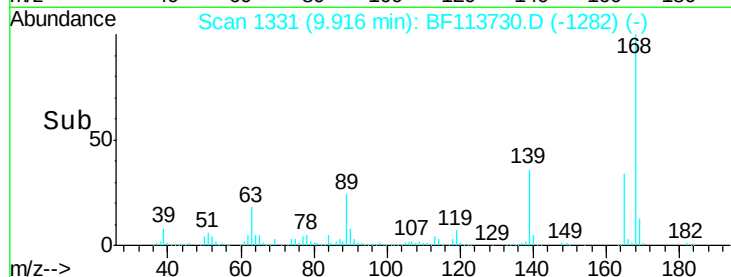


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.195 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.02 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

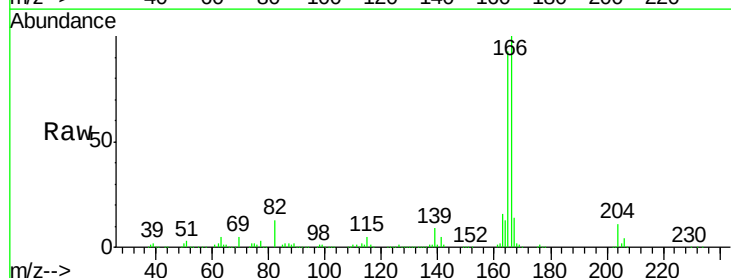
Tgt Ion:166 Resp: 577032

Ion Ratio Lower Upper

166 100

165 93.0 76.2 114.2

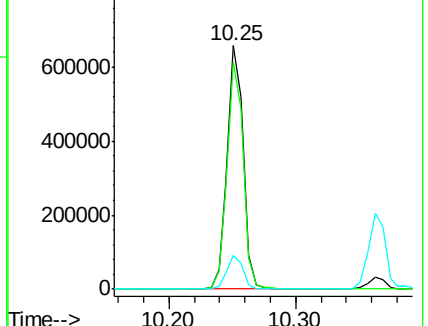
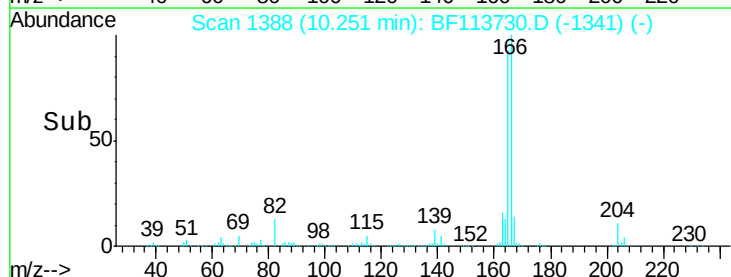
167 13.9 10.7 16.1

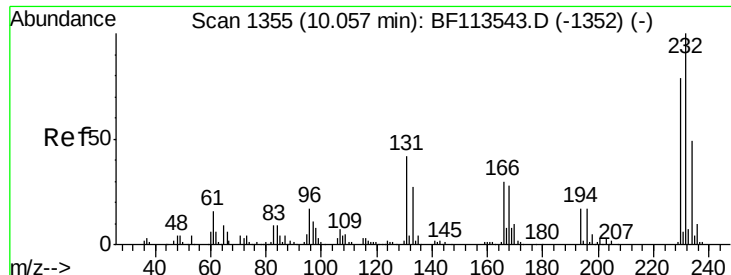


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

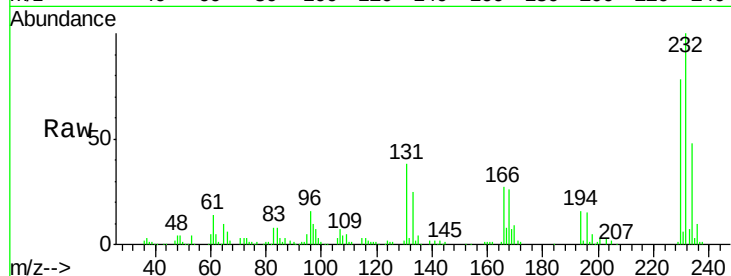




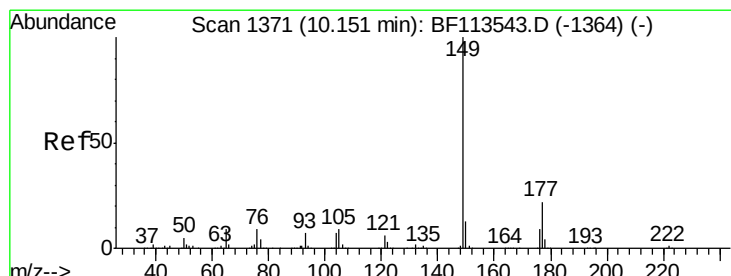
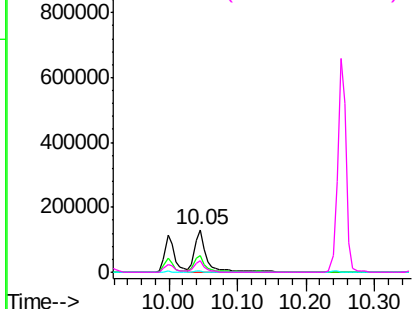
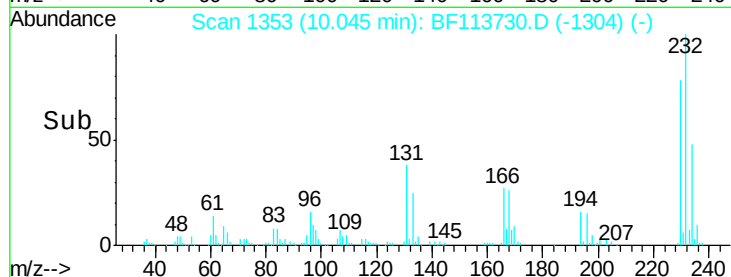
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.395 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	155633
Ion	Ratio	Lower	Upper
232	100		
131	38.8	33.2	49.8
130	1.8	1.6	2.4
166	24.5	21.0	31.6

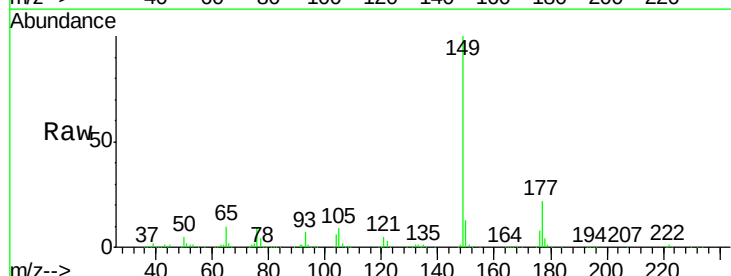


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

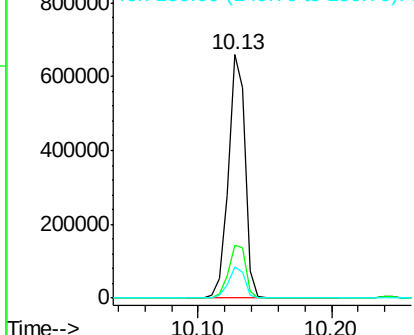
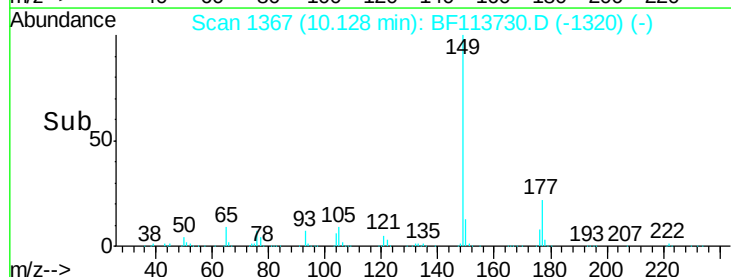


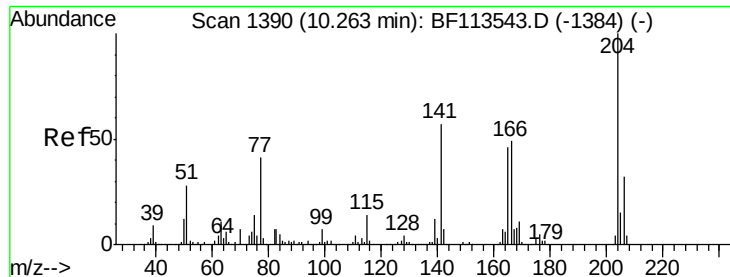
#60
 Diethylphthalate
 Concen: 42.652 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.02 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

Tgt Ion:	149	Resp:	586576
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.0
150	12.9	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

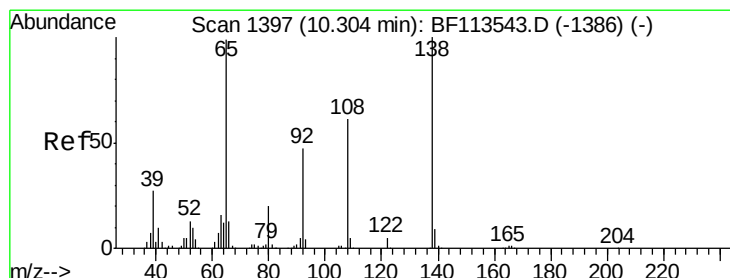
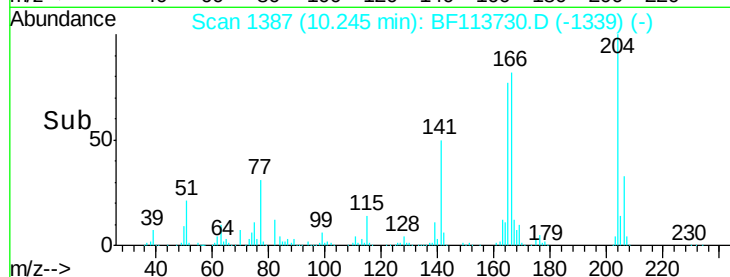
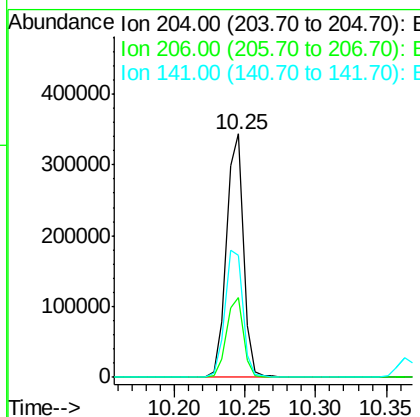
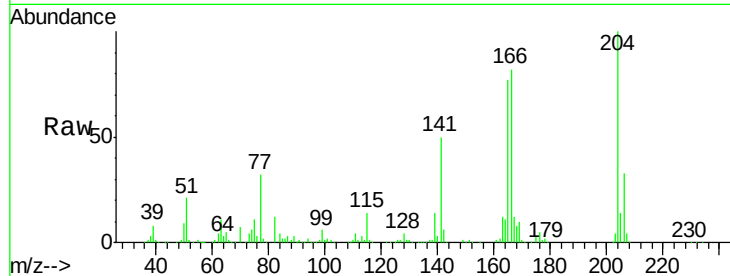




#61
4-Chlorophenyl-phenylether
Concen: 44.881 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

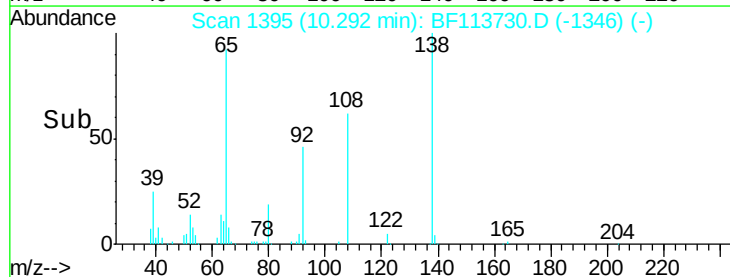
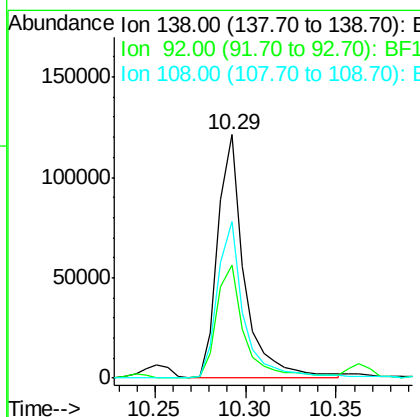
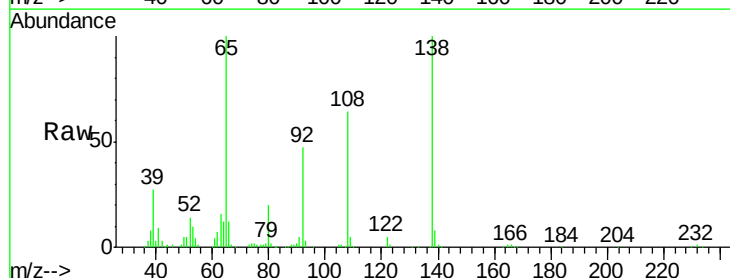
Instrument :
BNA_F
ClientSampleId :

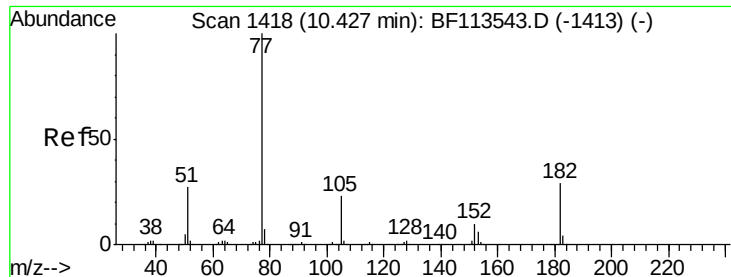
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.9	40.3
141	50.1	48.8	73.2



#62
4-Nitroaniline
Concen: 34.192 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.5	25.8	65.8
108	64.5	44.0	84.0

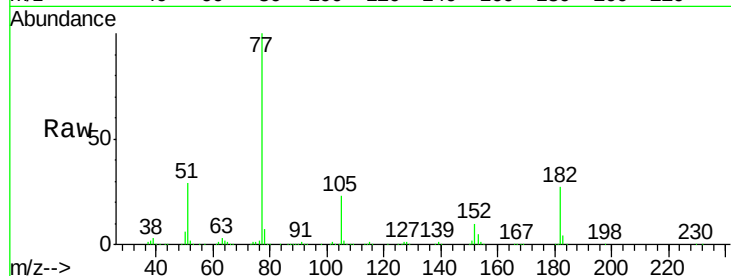




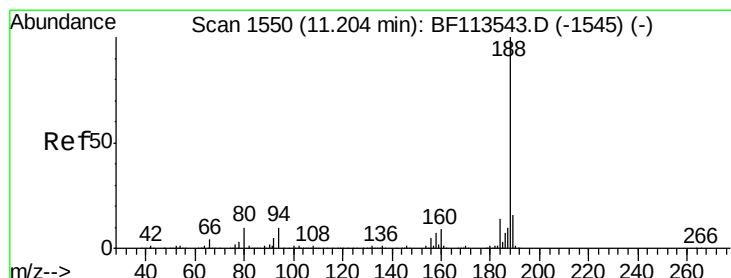
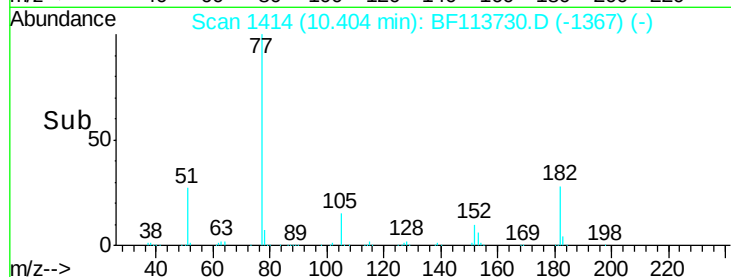
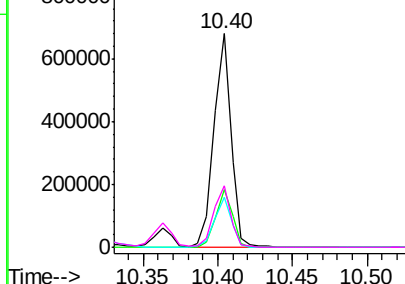
#63
Azobenzene
Concen: 41.518 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	540633
Ion	Ratio	Lower	Upper
77	100		
182	26.8	8.7	48.7
105	23.1	2.9	42.9
51	28.5	8.8	48.8

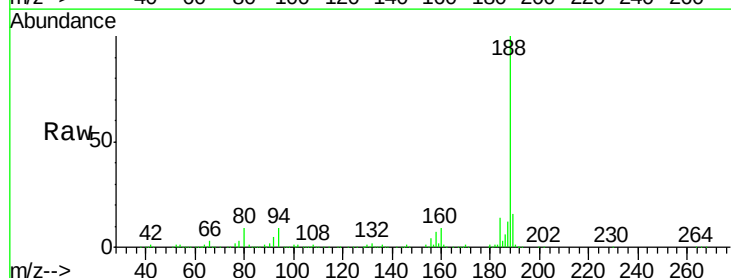


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

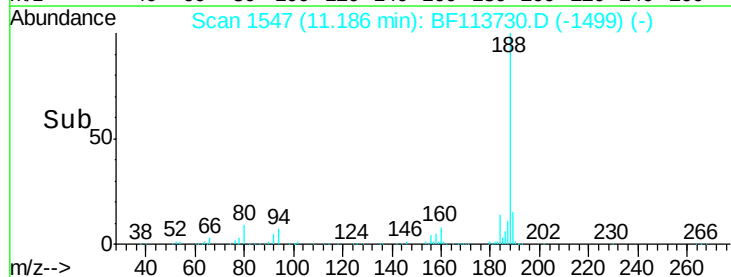
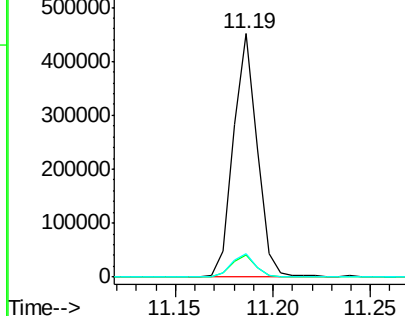


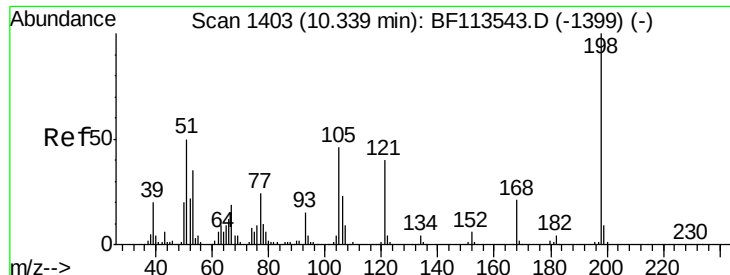
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Tgt Ion:	188	Resp:	382607
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.6
80	9.5	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

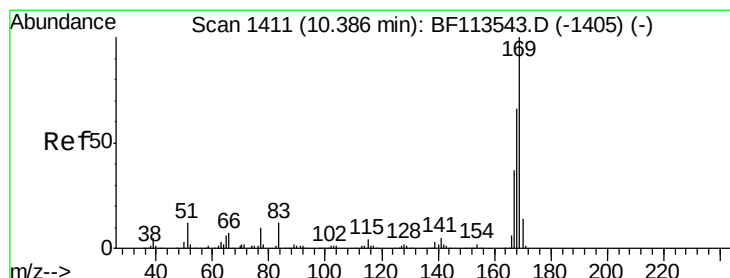
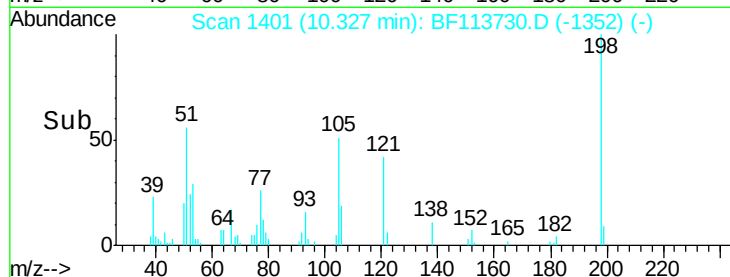
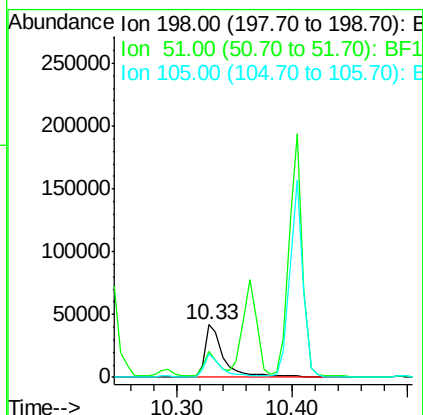
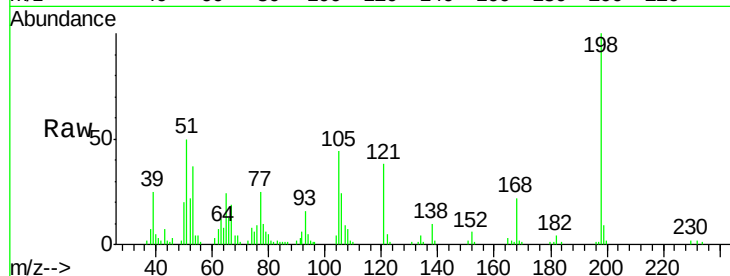




#65
 4,6-Dinitro-2-methylphenol
 Concen: 24.414 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

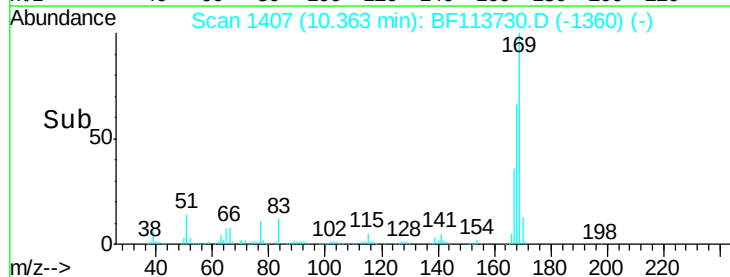
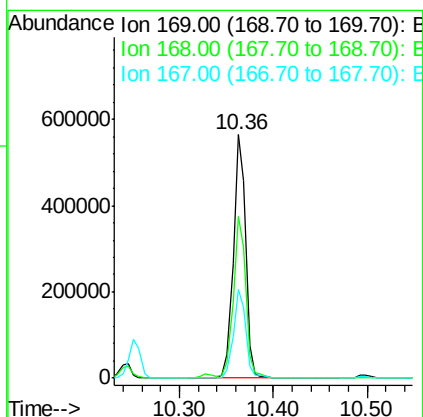
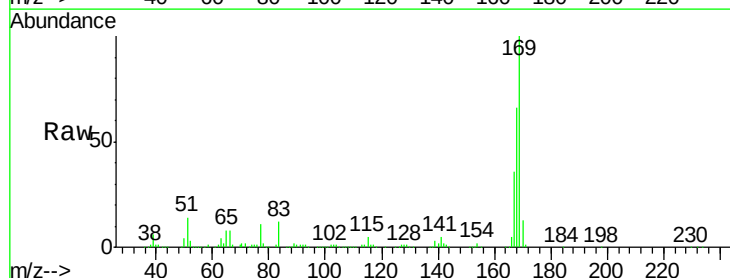
Instrument :
 BNA_F
 ClientSampleId :

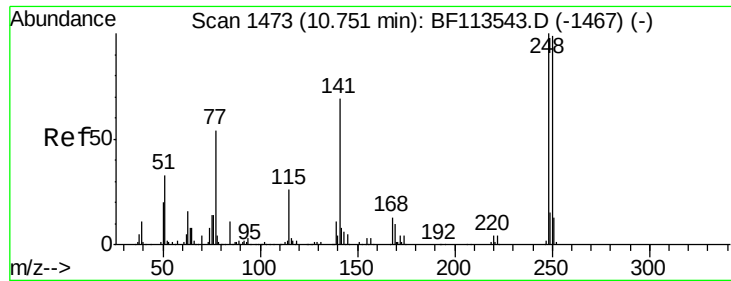
Tot Ion:198 Resp: 49176
 Ion Ratio Lower Upper
 198 100
 51 49.9 21.6 61.6
 105 44.2 20.6 60.6



#66
 n-Nitrosodiphenylamine
 Concen: 43.639 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

Tgt Ion:169 Resp: 512578
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.7 80.5
 167 36.4 29.5 44.3

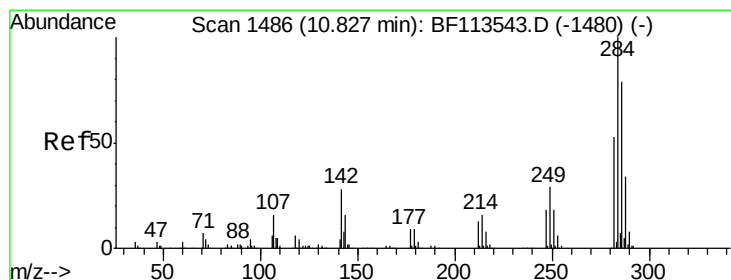
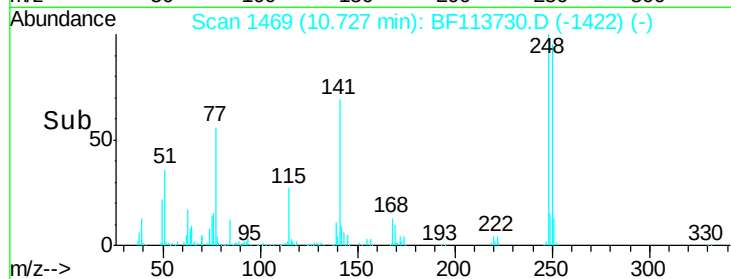
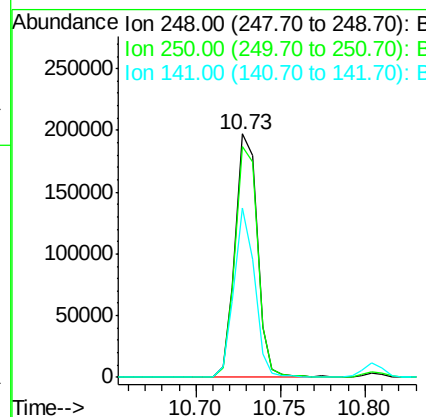
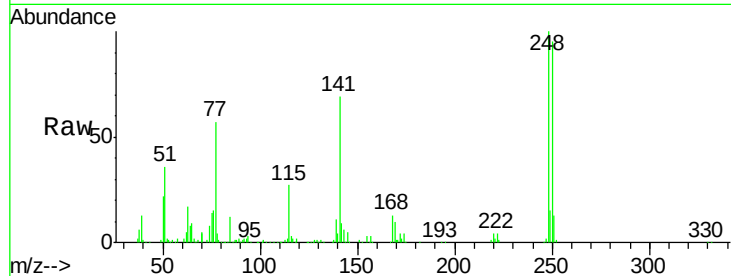




#67
4-Bromophenyl-phenylether
Concen: 42.195 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

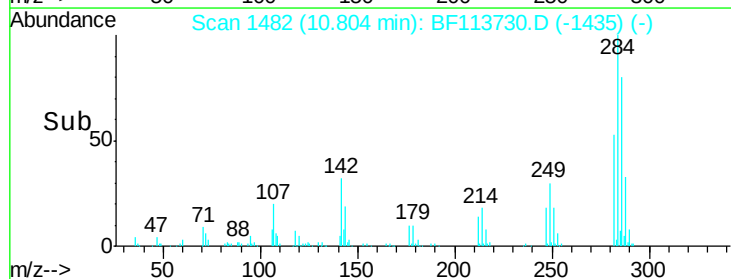
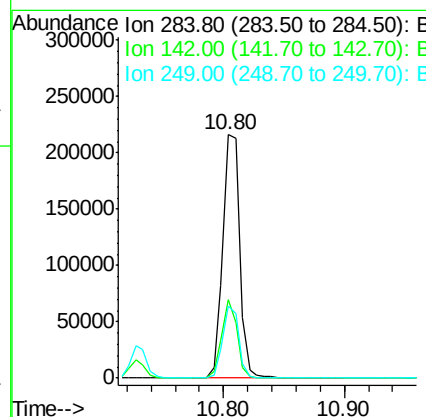
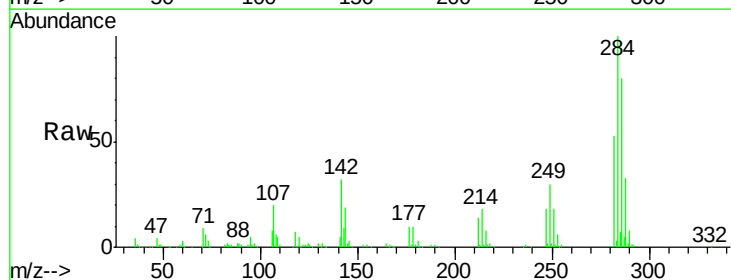
Instrument :
BNA_F
ClientSampled :

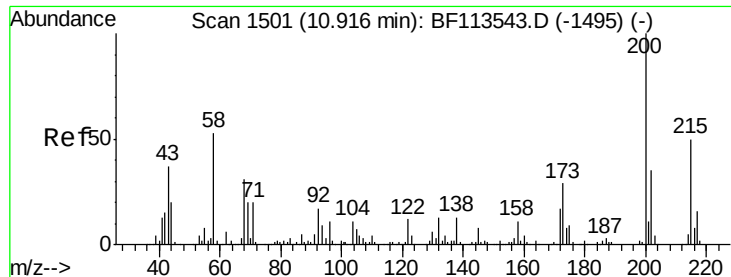
Tot Ion:248 Resp: 181061
Ion Ratio Lower Upper
248 100
250 94.8 78.3 117.5
141 69.4 56.2 84.4



#68
Hexachlorobenzene
Concen: 42.406 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Tgt Ion:284 Resp: 208501
Ion Ratio Lower Upper
284 100
142 32.3 20.1 30.1#
249 29.6 22.7 34.1

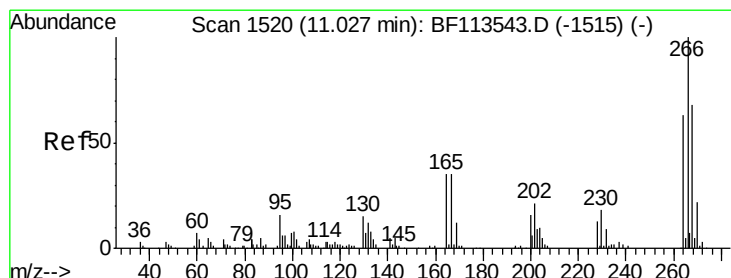
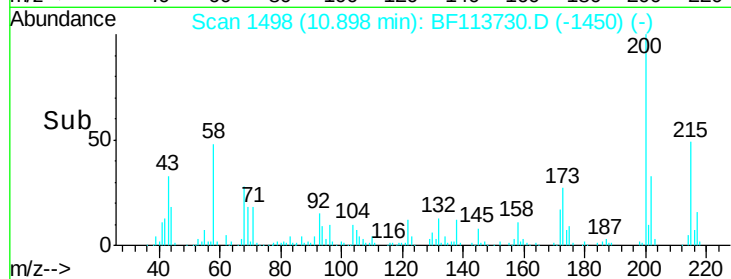
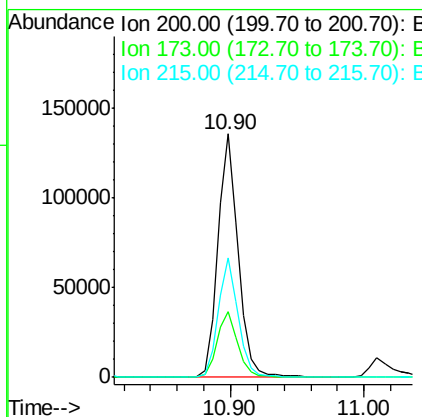
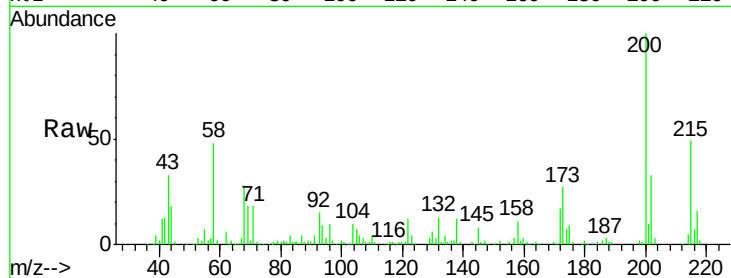




#69
 Atrazine
 Concen: 39.377 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.02 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

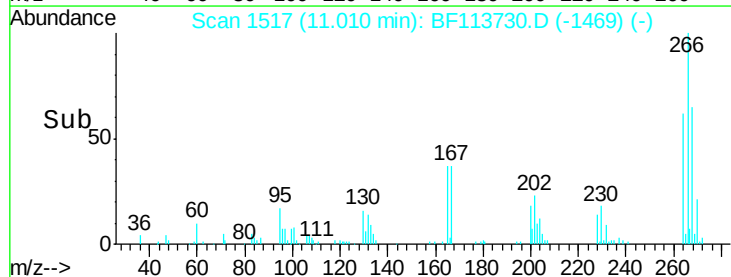
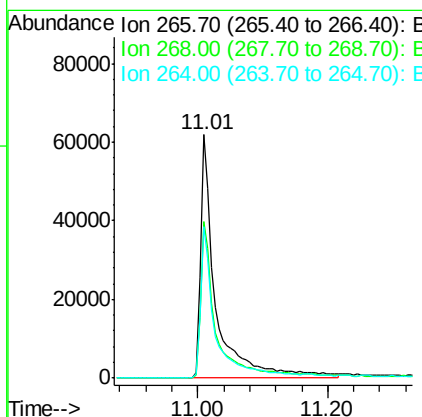
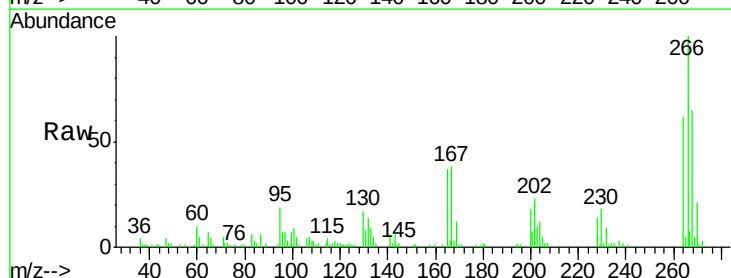
Instrument :
 BNA_F
 ClientSampleId :

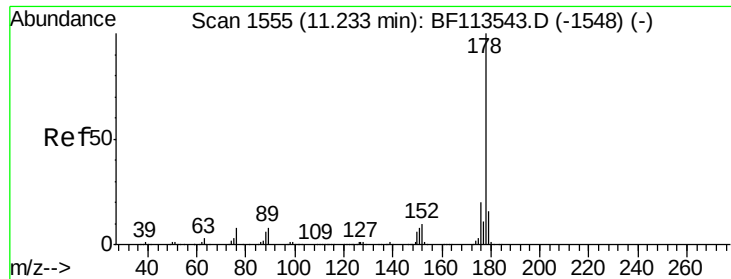
Tot Ion:200 Resp: 145783
 Ion Ratio Lower Upper
 200 100
 173 27.0 6.0 46.0
 215 49.3 31.3 71.3



#70
 Pentachlorophenol
 Concen: 43.792 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.02 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

Tgt Ion:266 Resp: 101460
 Ion Ratio Lower Upper
 266 100
 268 64.5 53.8 80.6
 264 62.1 49.2 73.8

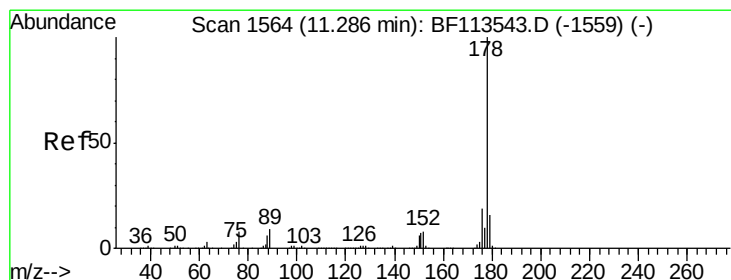
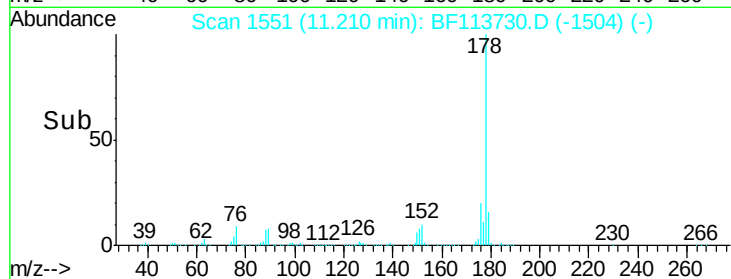
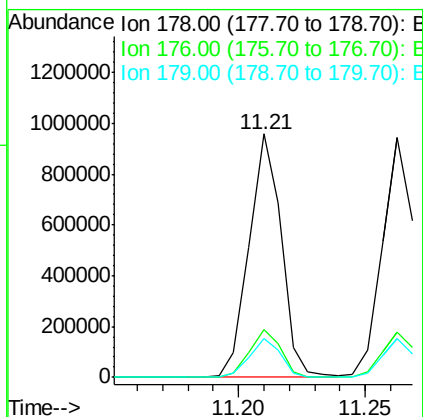
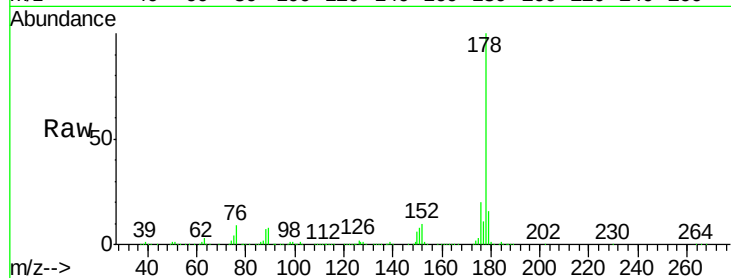




#71
Phenanthrene
Concen: 44.833 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

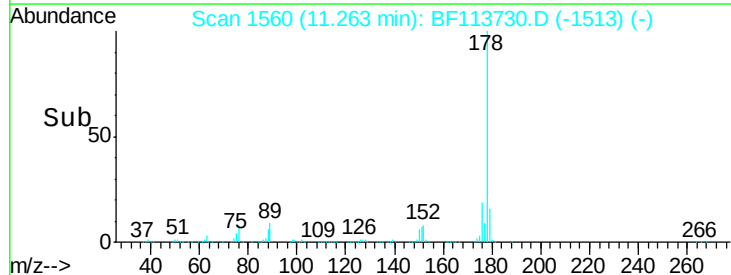
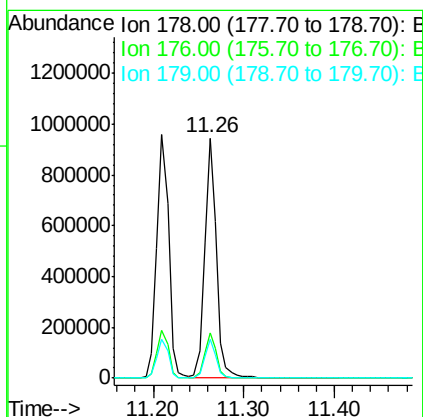
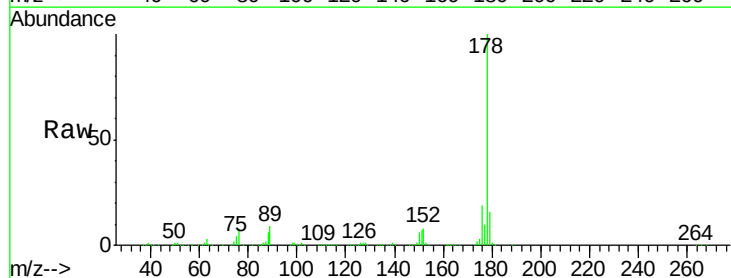
Instrument :
BNA_F
ClientSampleId :

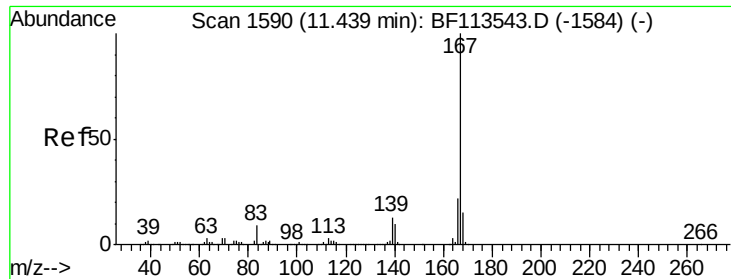
Tot Ion:178 Resp: 852366
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 16.0 12.7 19.1



#72
Anthracene
Concen: 45.109 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Tgt Ion:178 Resp: 872564
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.9 12.8 19.2

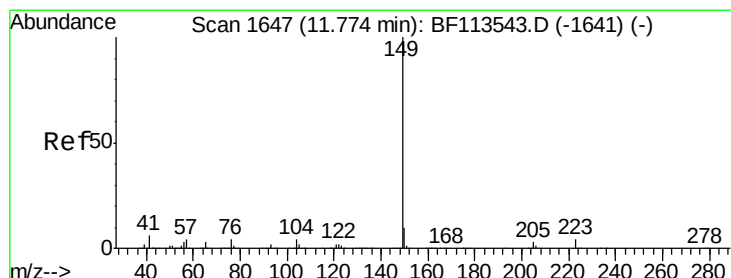
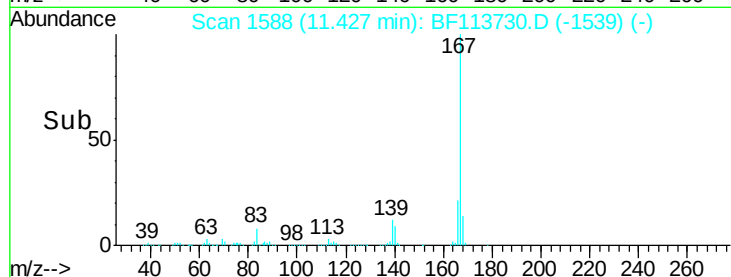
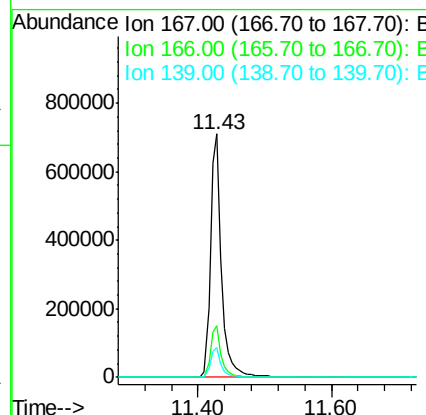
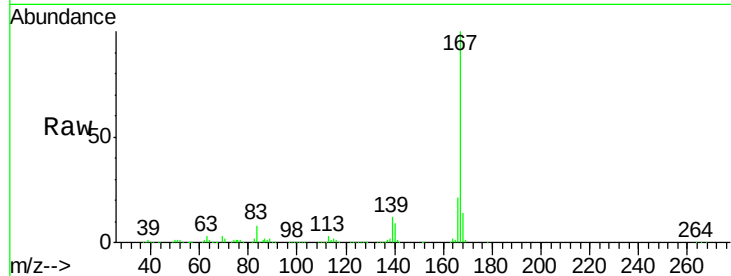




#73
 Carbazole
 Concen: 44.406 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

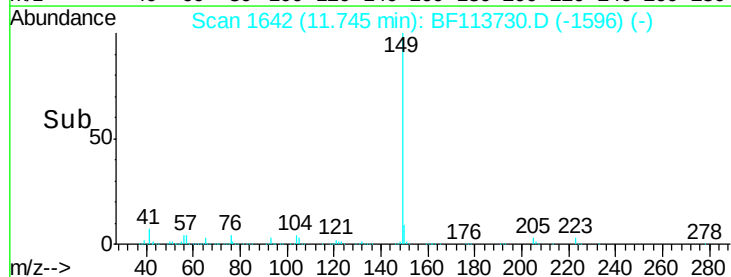
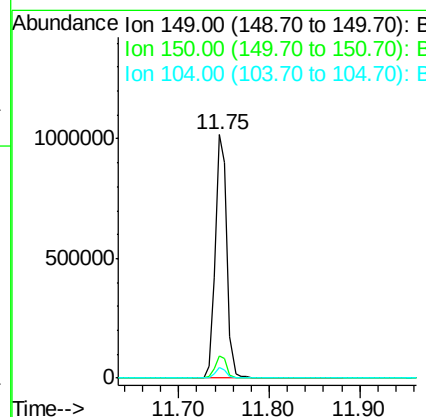
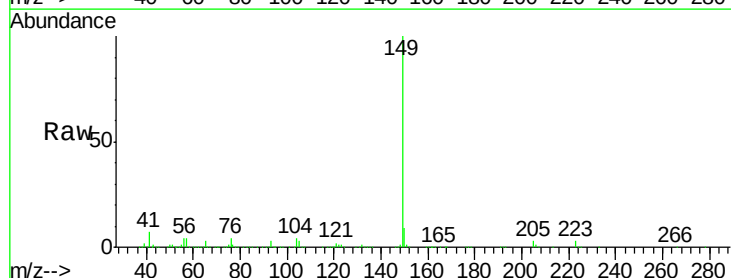
Instrument :
 BNA_F
 ClientSampled :

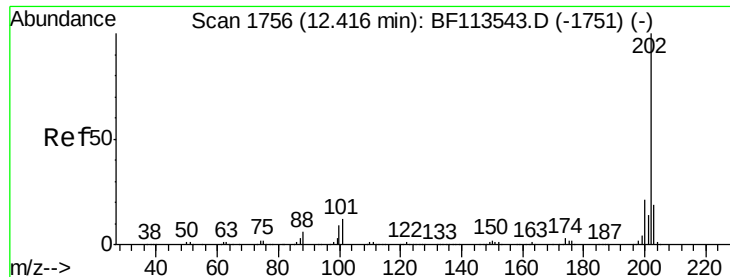
Tot Ion:167 Resp: 803376
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 12.2 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 42.811 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.03 min
 Lab File: BF113730.D
 Acq: 11 Apr 2019 19:58

Tgt Ion:149 Resp: 921359
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.3 3.7 5.5





#75

Fluoranthene

Concen: 45.627 ng

RT: 12.40 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

Instrument :

BNA_F

ClientSampled :

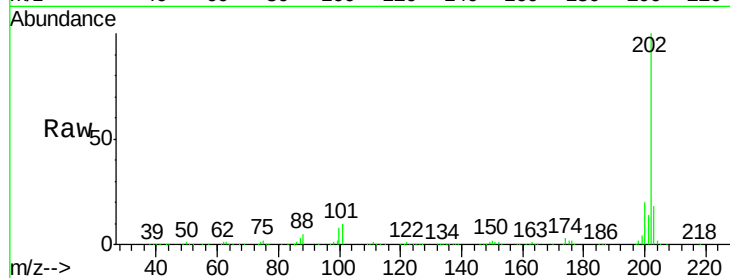
Tot Ion:202 Resp: 929555

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.4

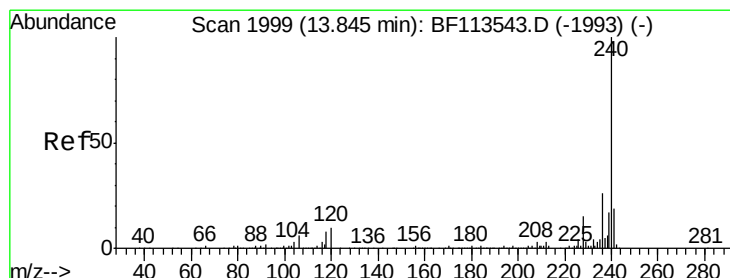
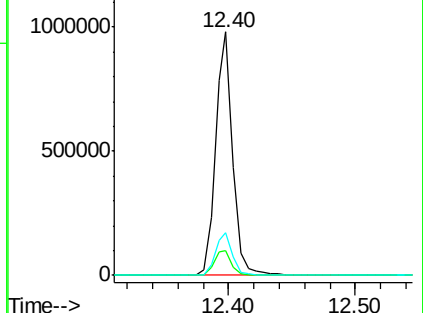
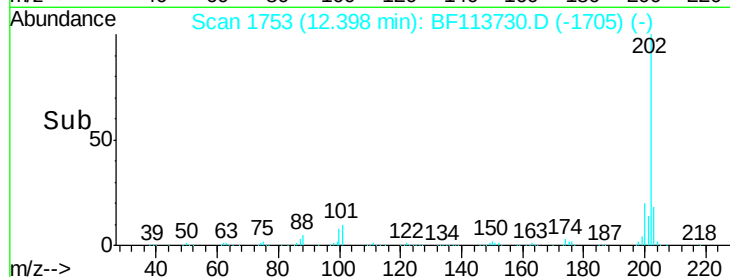
203 17.7 0.0 38.0



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: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

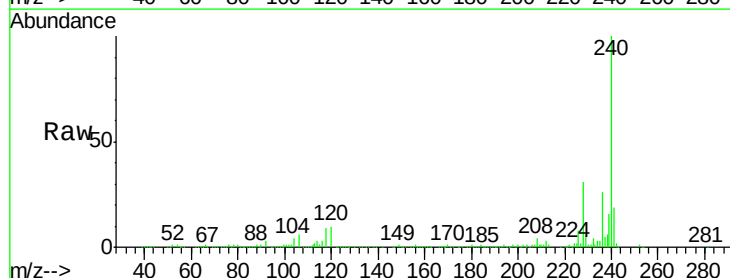
Tgt Ion:240 Resp: 270652

Ion Ratio Lower Upper

240 100

120 10.2 8.8 13.2

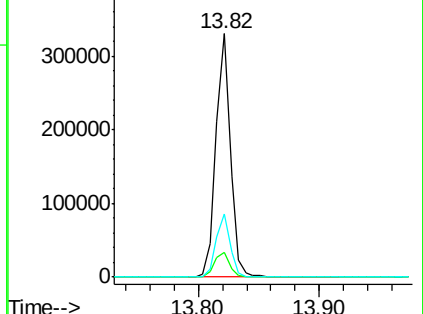
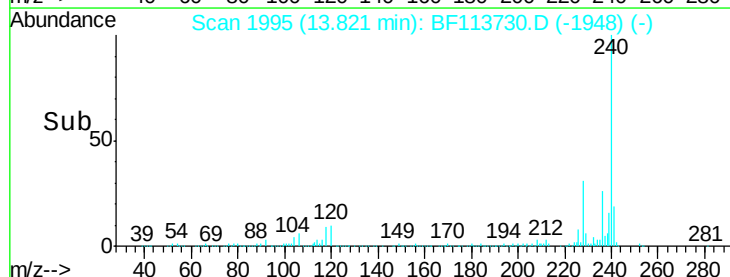
236 25.9 20.9 31.3

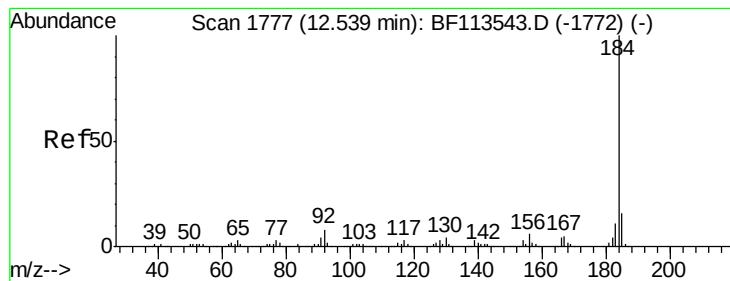


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.575 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

Instrument :

BNA_F

ClientSampled :

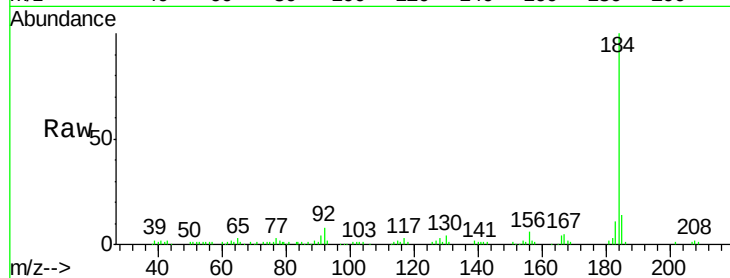
Tot Ion:184 Resp: 136625

Ion Ratio Lower Upper

184 100

185 14.2 13.0 19.6

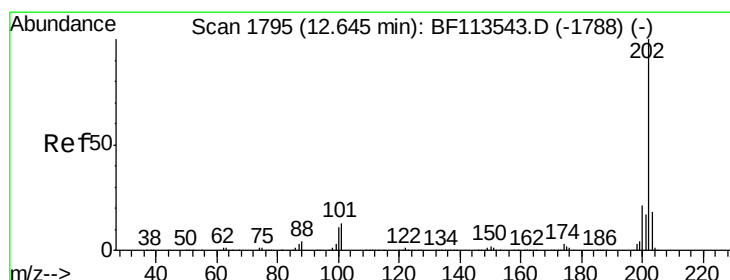
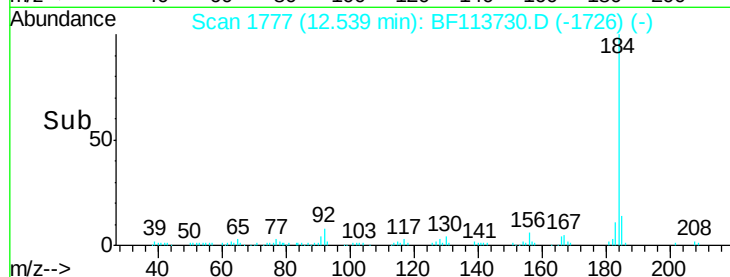
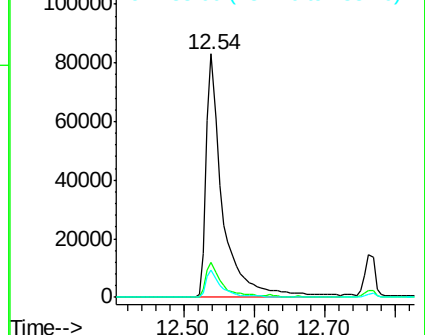
183 11.4 9.0 13.4



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: 44.589 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.02 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

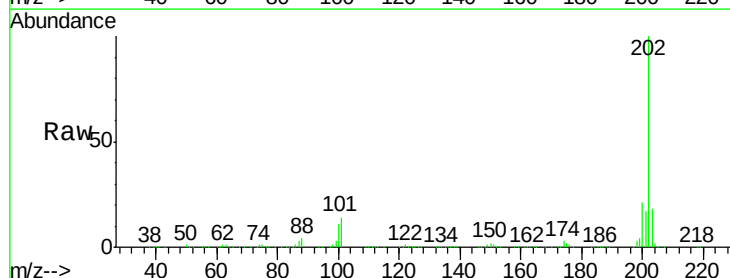
Tgt Ion:202 Resp: 918257

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

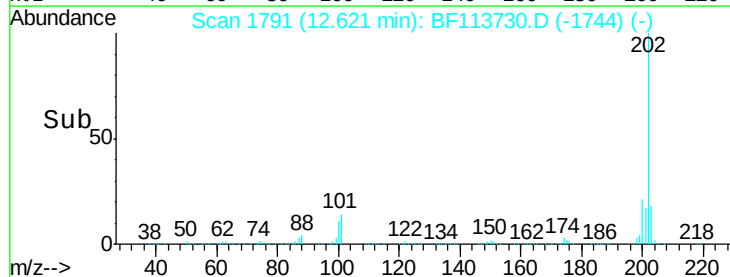
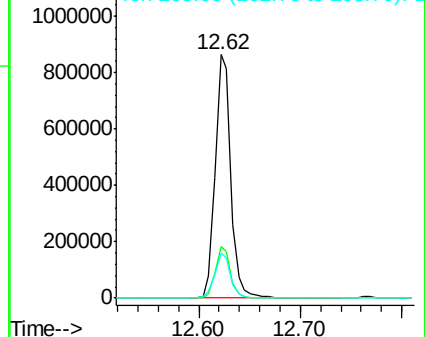
203 18.4 14.4 21.6

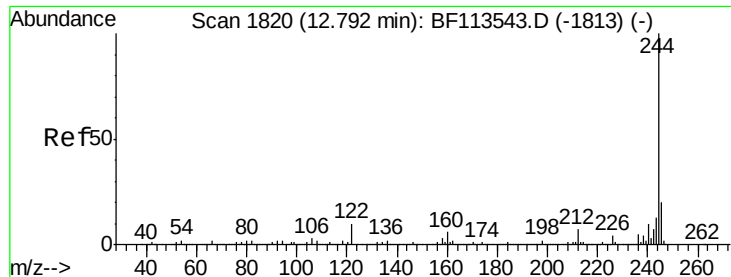


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.954 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

Instrument :

BNA_F

ClientSampleId :

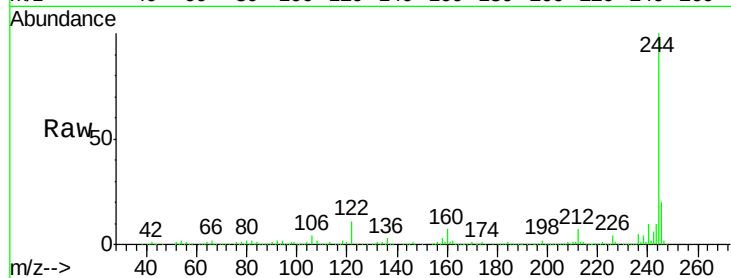
Tot Ion:244 Resp: 1209066

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

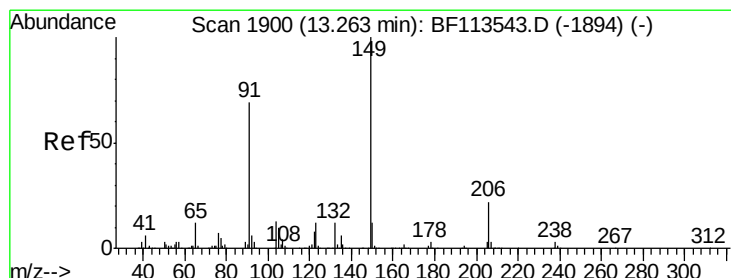
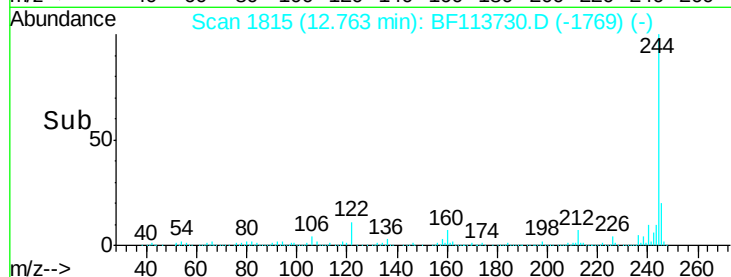
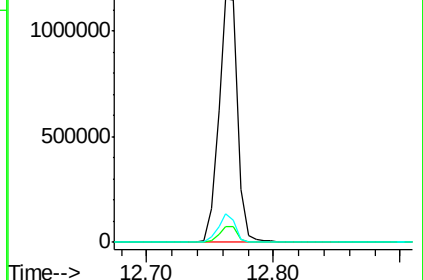
122 11.5 8.6 13.0



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: 43.124 ng

RT: 13.24 min Scan# 1896

Delta R.T. -0.02 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

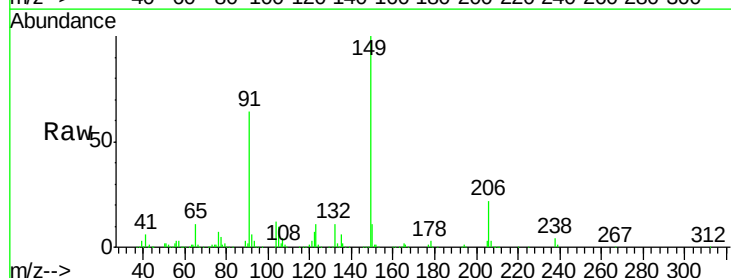
Tgt Ion:149 Resp: 361502

Ion Ratio Lower Upper

149 100

91 64.2 55.2 82.8

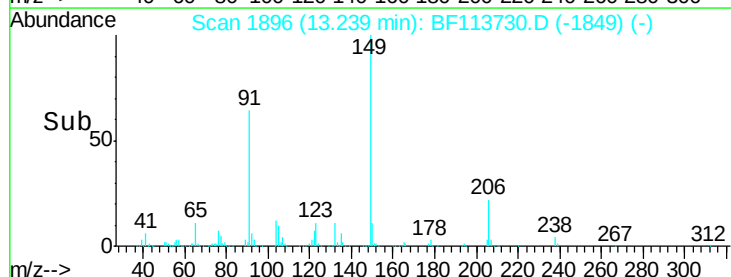
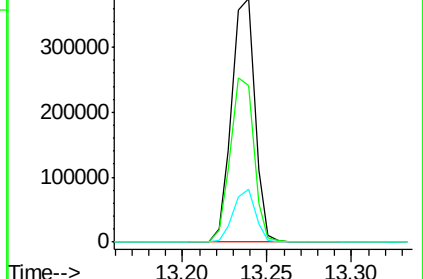
206 21.9 16.1 24.1

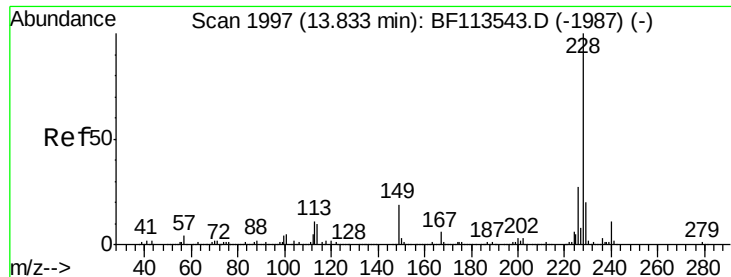


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.473 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

Instrument :

BNA_F

ClientSampled :

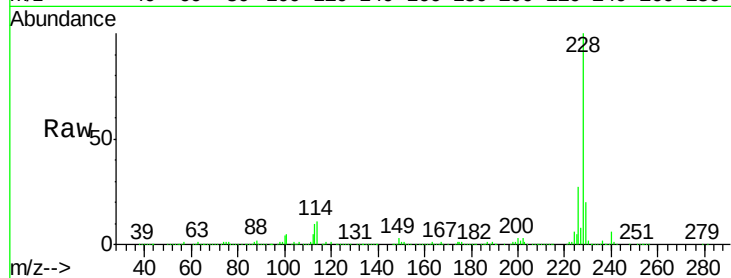
Tot Ion:228 Resp: 663117

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

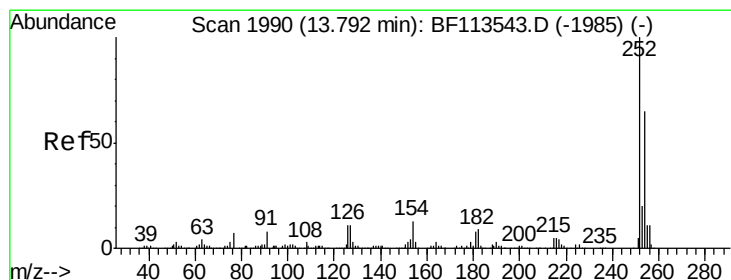
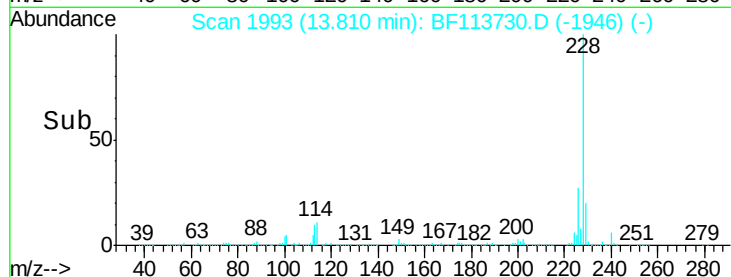
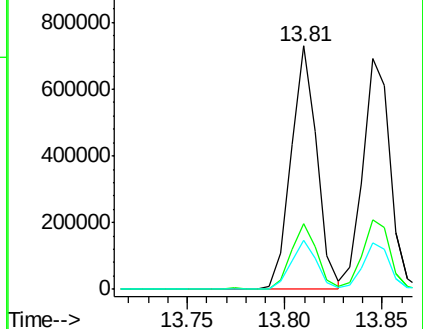
229 20.0 16.2 24.4



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: 38.482 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

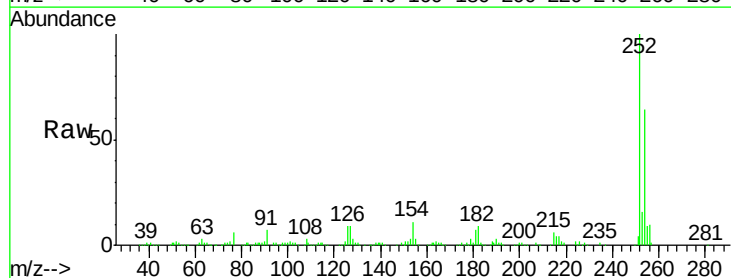
Tgt Ion:252 Resp: 231411

Ion Ratio Lower Upper

252 100

254 63.7 52.2 78.2

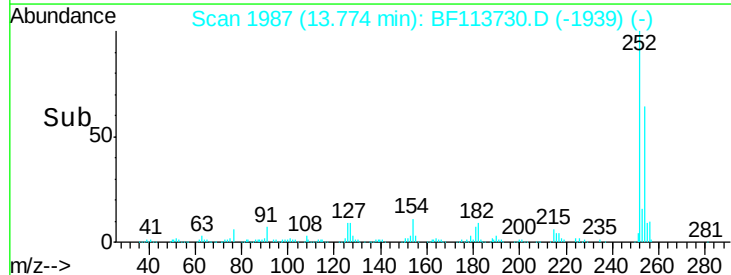
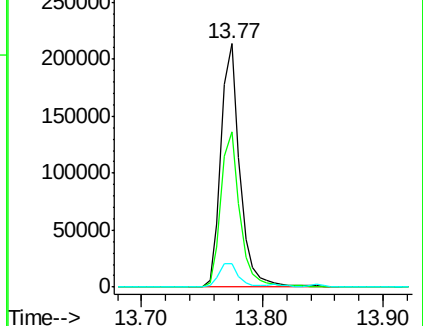
126 9.5 8.5 12.7

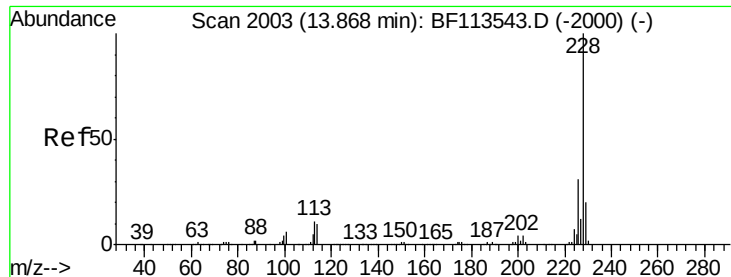


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.508 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

Instrument :

BNA_F

ClientSampled :

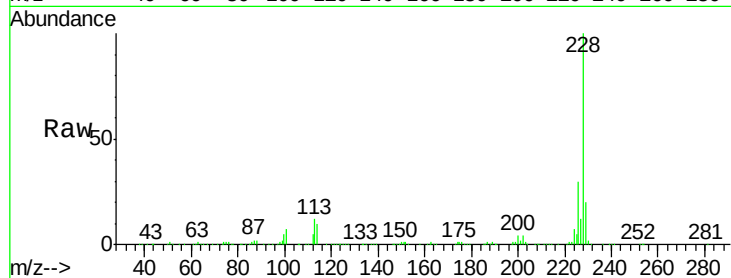
Tot Ion:228 Resp: 672775

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

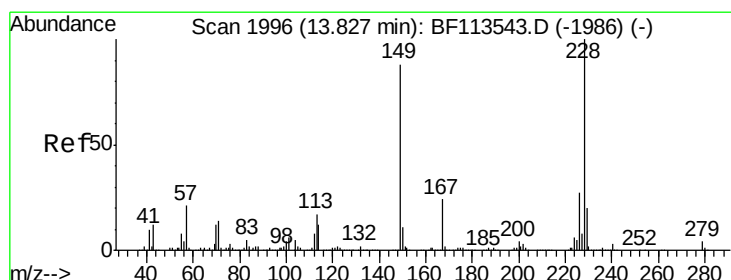
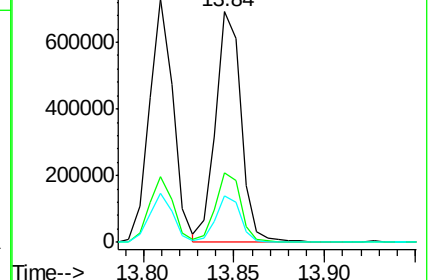
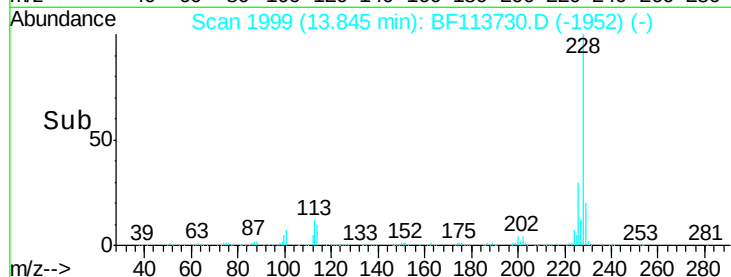
229 20.1 16.3 24.5



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: 47.373 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.03 min

Lab File: BF113730.D

Acq: 11 Apr 2019 19:58

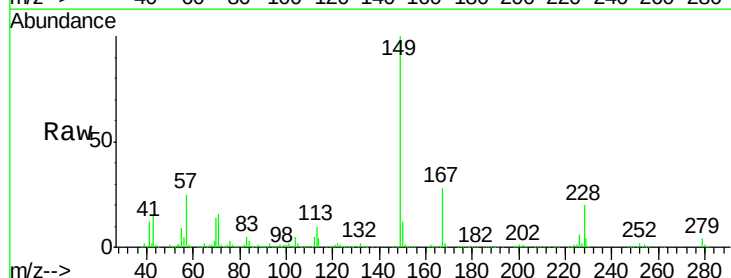
Tgt Ion:149 Resp: 480135

Ion Ratio Lower Upper

149 100

167 28.0 21.8 32.8

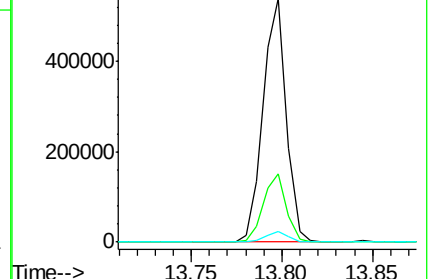
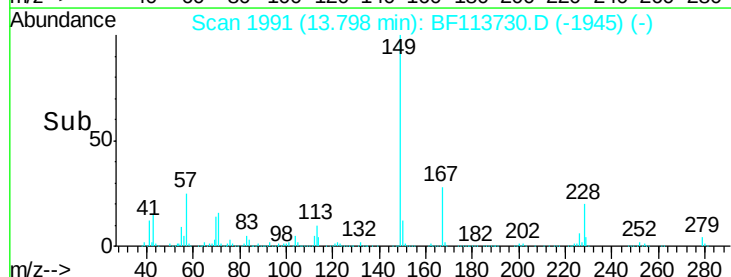
279 4.5 2.9 4.3#

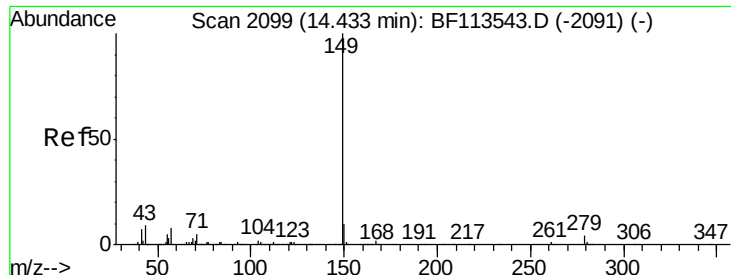


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

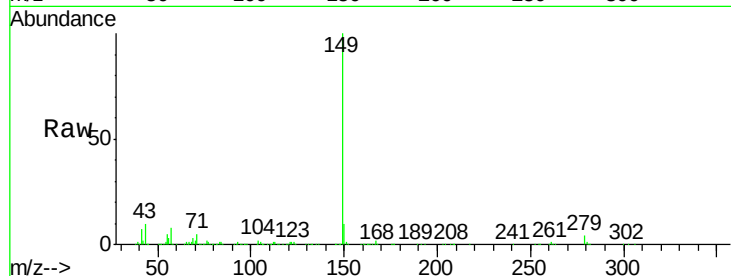




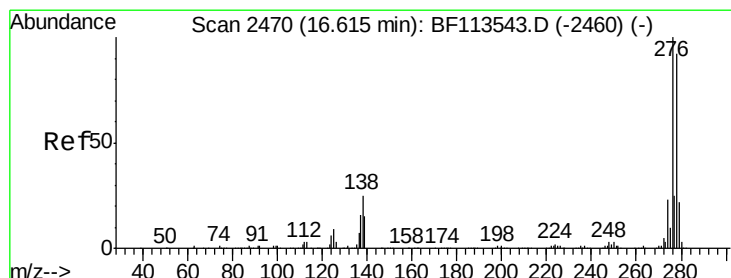
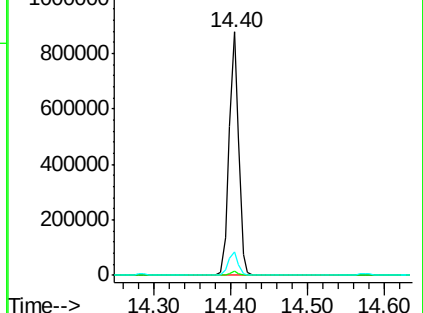
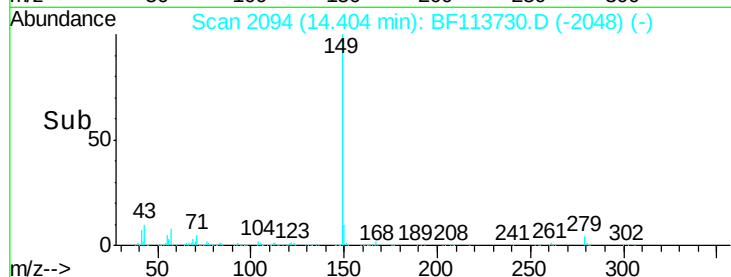
#85
Di-n-octyl phthalate
Concen: 46.178 ng
RT: 14.40 min Scan# 2094
Delta R.T. -0.03 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.4	7.7	11.5

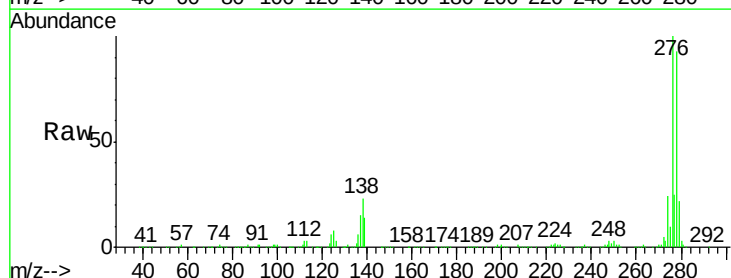


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

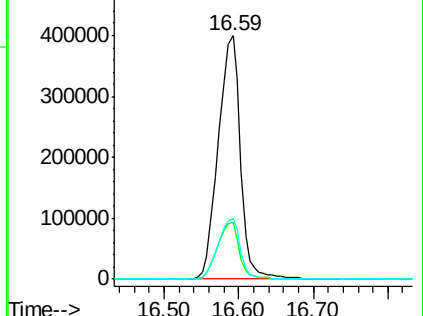
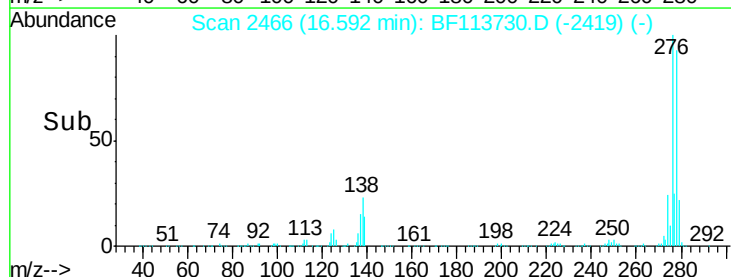


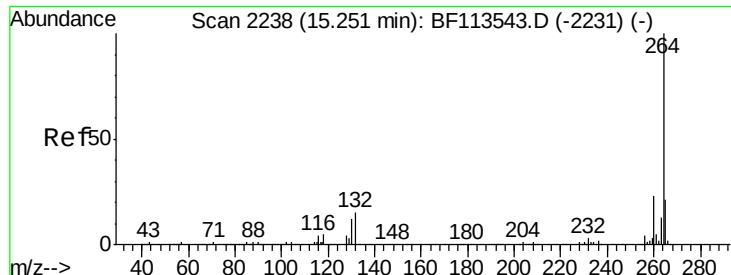
#86
Indeno(1,2,3-cd)pyrene
Concen: 56.923 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.1	27.1
277	25.1	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

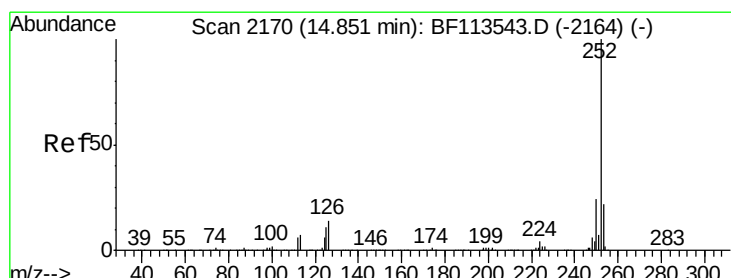
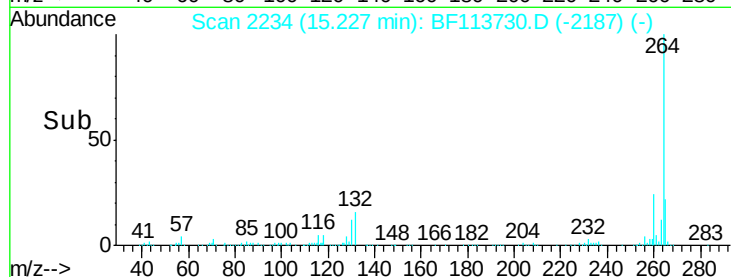
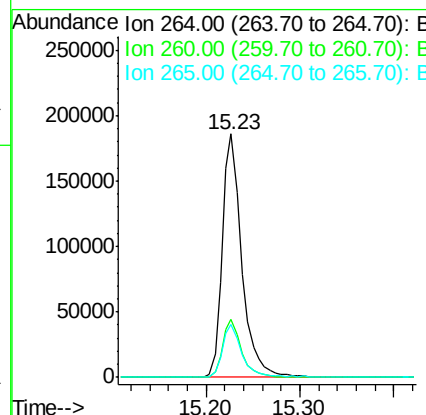
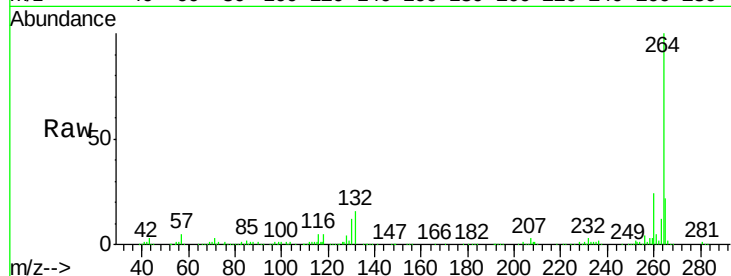




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

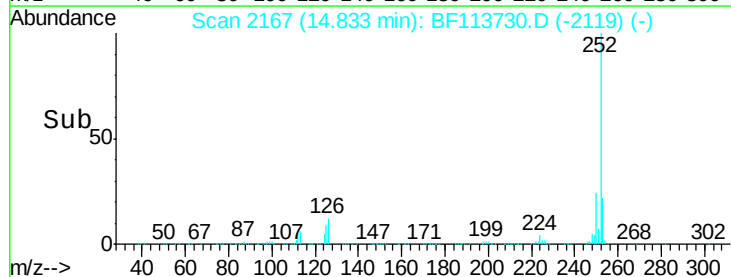
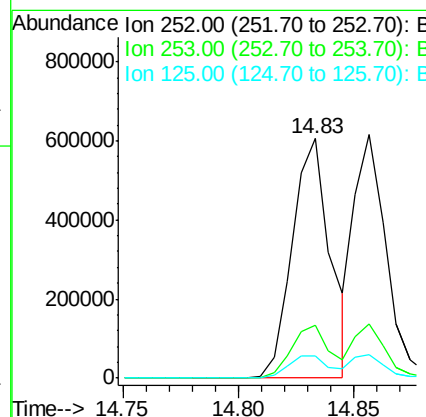
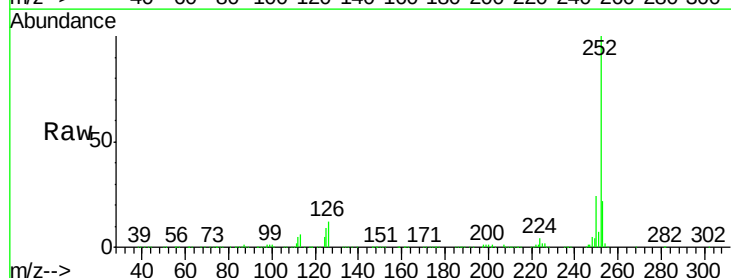
Instrument :
BNA_F
ClientSampled :

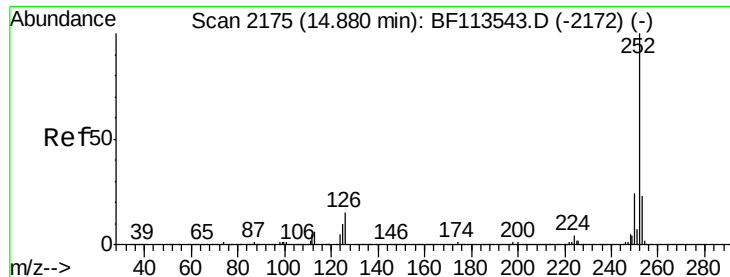
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.6	17.1	25.7



#88
Benzo(b)fluoranthene
Concen: 41.879 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.2	7.6	11.4

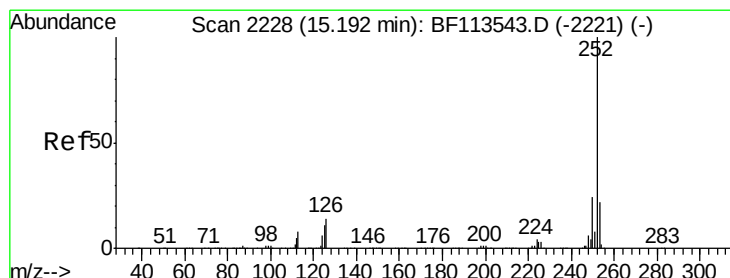
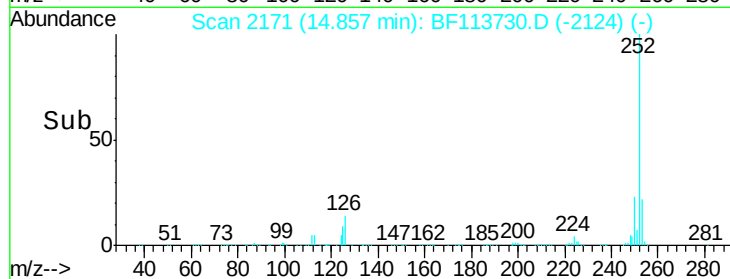
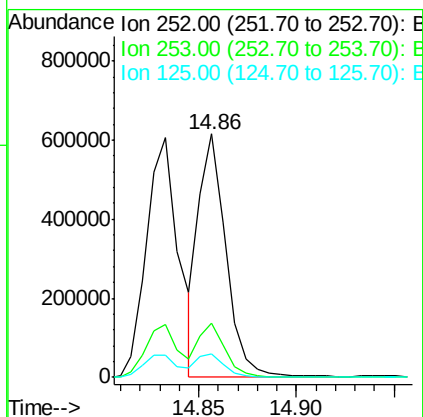
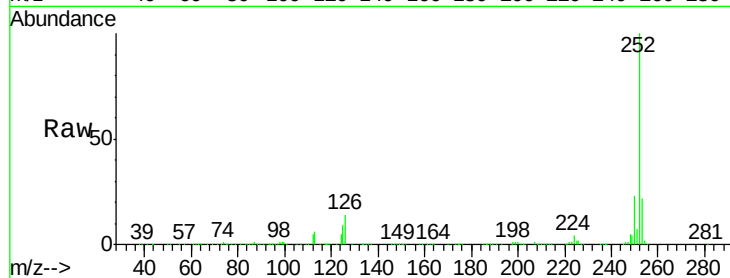




#89
Benzo(k)fluoranthene
Concen: 40.206 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

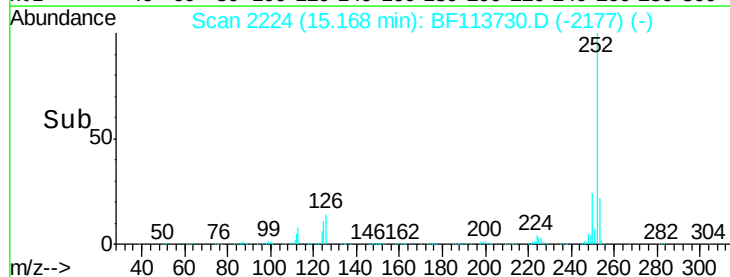
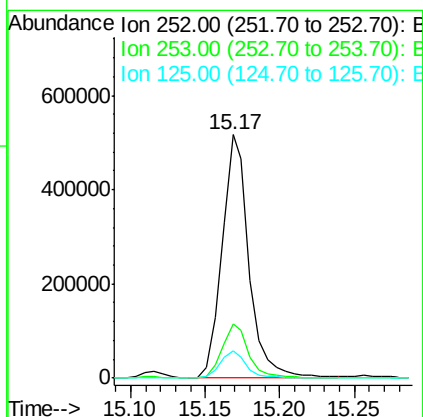
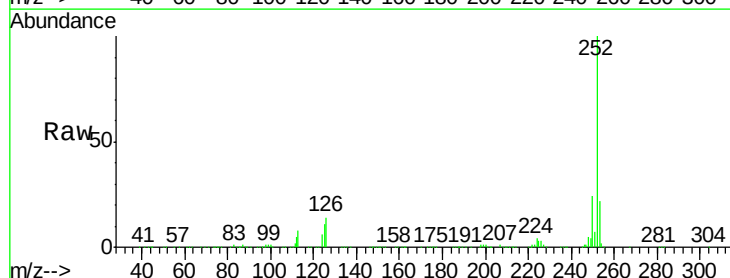
Instrument :
BNA_F
ClientSampleId :

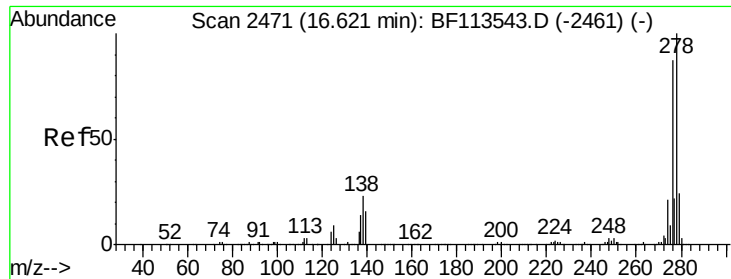
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.5	7.3	10.9



#90
Benzo(a)pyrene
Concen: 44.318 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	11.0	8.8	13.2



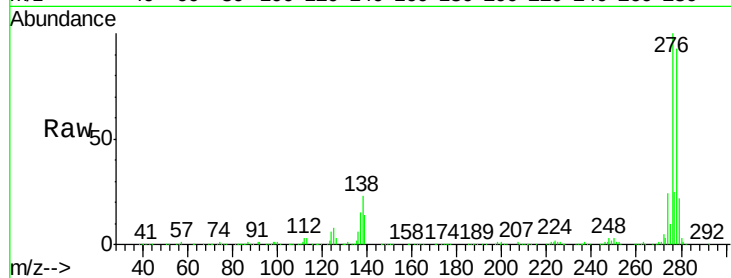


#91
Dibenzo(a,h)anthracene
Concen: 49.752 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.03 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

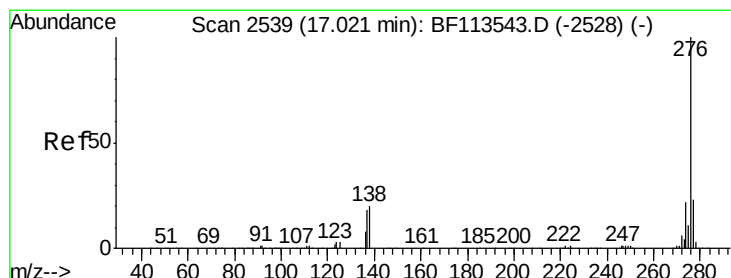
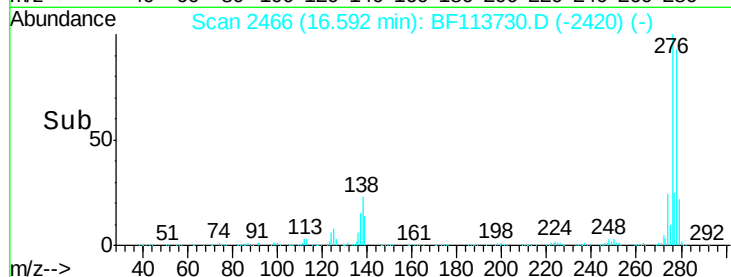
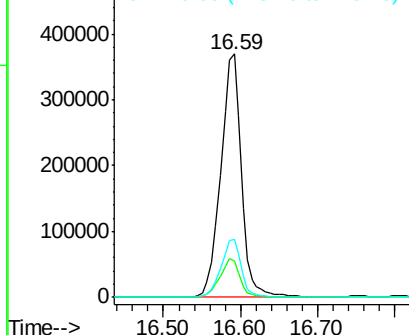
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 683267

Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.0	18.0
279	24.0	19.0	28.6



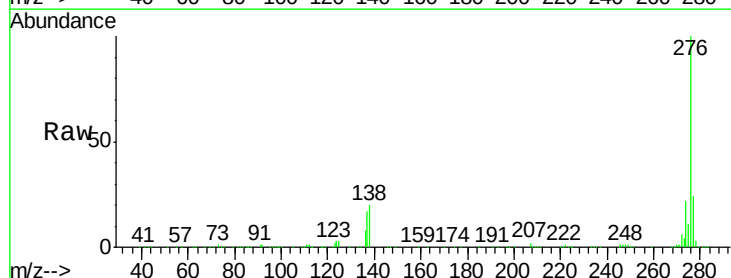
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.644 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.03 min
Lab File: BF113730.D
Acq: 11 Apr 2019 19:58

Tgt Ion:276 Resp: 737945

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	20.3	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

