

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
 Data File : BF113541.D
 Acq On : 3 Apr 2019 11:31
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 14:14:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 03 14:08:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	137546	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	540063	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	263192	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	531310	20.00	ng	0.00
76) Chrysene-d12	13.84	240	443172	20.00	ng	0.00
87) Perylene-d12	15.24	264	370126	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	183458	21.81	ng	0.00
7) Phenol-d6	6.33	99	232703	21.87	ng	-0.01
23) Nitrobenzene-d5	7.25	82	205110	22.54	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	73220	22.52	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	440325	24.53	ng	0.00
79) Terphenyl-d14	12.79	244	503933	25.06	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.33	88	39774	9.319	ng	96
3) Pyridine	3.06	79	91092	8.658	ng	96
4) n-Nitrosodimethylamine	2.96	42	40875	8.739	ng	99
6) Aniline	6.35	93	146560	11.309	ng	# 81
8) 2-Chlorophenol	6.47	128	106295	10.881	ng	96
9) Benzaldehyde	6.23	77	76797	10.754	ng	97
10) Phenol	6.34	94	131561	10.829	ng	89
11) bis(2-Chloroethyl)ether	6.42	93	95251	10.228	ng	96
12) 1,3-Dichlorobenzene	6.62	146	112851	10.717	ng	98
13) 1,4-Dichlorobenzene	6.70	146	114111	11.224	ng	99
14) 1,2-Dichlorobenzene	6.85	146	106983	10.696	ng	100
15) Benzyl Alcohol	6.83	79	80982	11.535	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	156508	11.187	ng	94
17) 2-Methylphenol	6.95	107	82674	10.799	ng	94
18) Hexachloroethane	7.19	117	40583	11.114	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	70918	10.609	ng	94
20) 3+4-Methylphenols	7.11	107	106319	11.090	ng	92
22) Acetophenone	7.09	105	134210	10.897	ng	# 99
24) Nitrobenzene	7.26	77	103691	10.921	ng	95
25) Isophorone	7.50	82	193079	10.950	ng	98
26) 2-Nitrophenol	7.59	139	52944	10.549	ng	96
27) 2,4-Dimethylphenol	7.63	122	82267	11.395	ng	96
28) bis(2-Chloroethoxy)methane	7.72	93	125105	11.266	ng	98
29) 2,4-Dichlorophenol	7.84	162	86677	11.079	ng	98
30) 1,2,4-Trichlorobenzene	7.91	180	94310	11.173	ng	99
31) Naphthalene	7.99	128	305859	11.589	ng	99
32) Benzoic acid	7.74	122	22402	3.855	ng	94
33) 4-Chloroaniline	8.04	127	121986	11.853	ng	98
34) Hexachlorobutadiene	8.11	225	57344	11.430	ng	98
35) Caprolactam	8.39	113	26252	10.455	ng	98
36) 4-Chloro-3-methylphenol	8.54	107	86027	10.932	ng	94
37) 2-Methylnaphthalene	8.68	142	201208	12.219	ng	98
38) 1-Methylnaphthalene	8.78	142	194730	12.294	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	97287	11.515	ng	99

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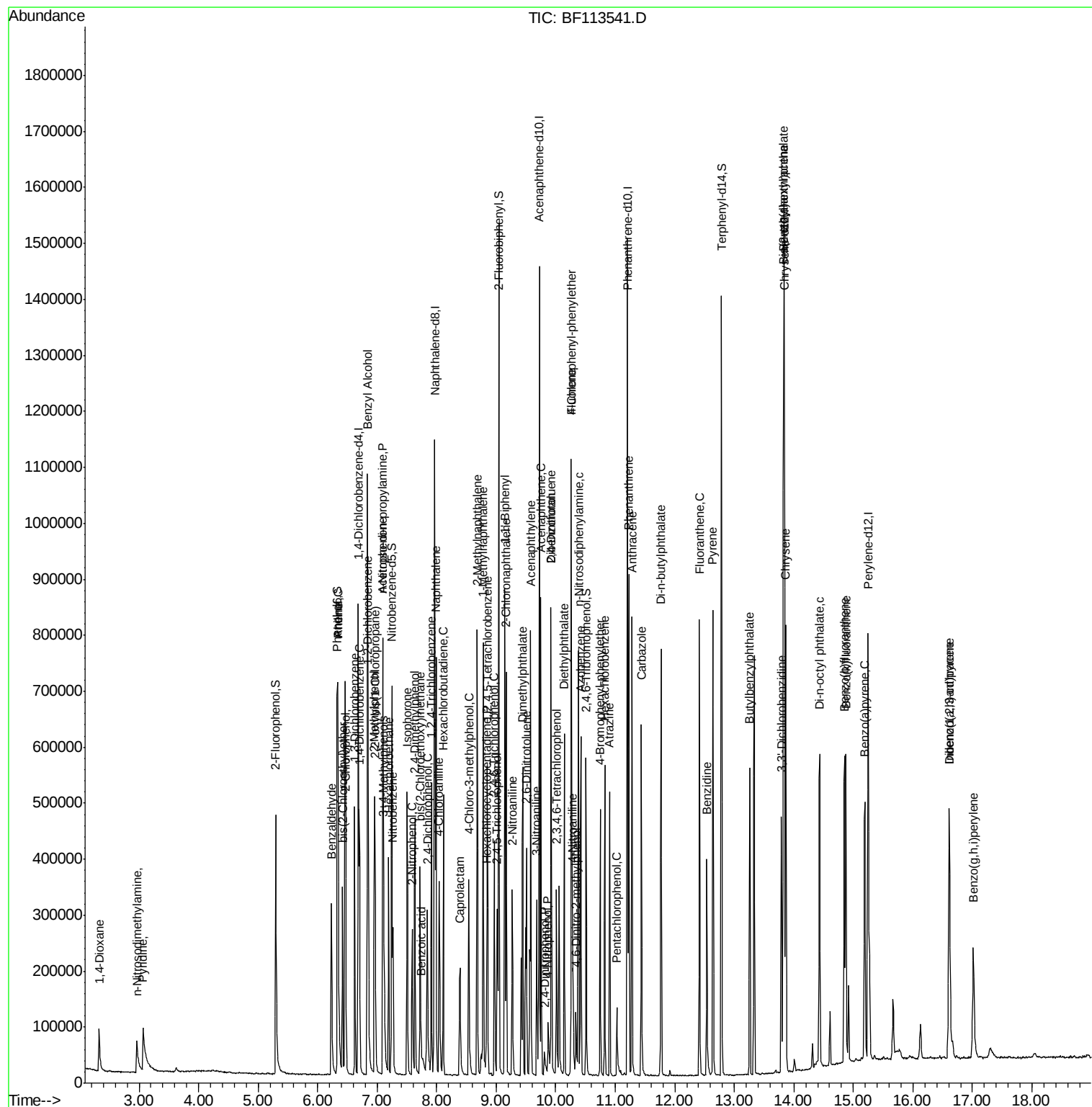
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	6950	1.944	ng	97
43) 2,4,6-Trichlorophenol	8.97	196	57101	10.379	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	60818	9.989	ng	99
46) 1,1'-Biphenyl	9.15	154	257308	11.706	ng	98
47) 2-Chloronaphthalene	9.17	162	187754	11.093	ng	100
48) 2-Nitroaniline	9.27	65	53878	10.144	ng	98
49) Acenaphthylene	9.58	152	321453	11.747	ng	99
50) Dimethylphthalate	9.45	163	214832	11.014	ng	98
51) 2,6-Dinitrotoluene	9.51	165	45941	10.441	ng	92
52) Acenaphthene	9.75	154	181450	11.774	ng	99
53) 3-Nitroaniline	9.68	138	54066	10.896	ng	96
54) 2,4-Dinitrophenol	9.81	184	14370	6.566	ng	92
55) Dibenzofuran	9.93	168	277273	11.968	ng	96
56) 4-Nitrophenol	9.87	139	24084	6.808	ng	90
57) 2,4-Dinitrotoluene	9.92	165	60553	10.821	ng	97
58) Fluorene	10.27	166	218801	12.157	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.01	232	47868	9.297	ng	91
60) Diethylphthalate	10.15	149	215486	11.262	ng	98
61) 4-Chlorophenyl-phenylether	10.26	204	105559	12.034	ng	97
62) 4-Nitroaniline	10.29	138	54404	10.649	ng	98
63) Azobenzene	10.42	77	202367	11.236	ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	22699	7.810	ng	94
66) n-Nitrosodiphenylamine	10.38	169	186708	11.452	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	67010	11.572	ng	# 92
68) Hexachlorobenzene	10.82	284	77005	11.456	ng	98
69) Atrazine	10.91	200	59266	11.517	ng	97
70) Pentachlorophenol	11.03	266	28501	8.138	ng	98
71) Phenanthrene	11.23	178	314922	11.936	ng	98
72) Anthracene	11.28	178	320974	11.977	ng	99
73) Carbazole	11.44	167	301520	11.791	ng	98
74) Di-n-butylphthalate	11.77	149	350967	11.835	ng	99
75) Fluoranthene	12.42	202	346999	11.633	ng	96
77) Benzidine	12.53	184	183963	10.840	ng	98
78) Pyrene	12.64	202	354493	11.543	ng	99
80) Butylbenzylphthalate	13.26	149	139942	10.340	ng	95
81) Benzo(a)anthracene	13.83	228	286032	11.275	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	113713	11.174	ng	98
83) Chrysene	13.86	228	291092	11.297	ng	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	174235	10.501	ng	99
85) Di-n-octyl phthalate	14.43	149	273405	9.708	ng	# 91
86) Indeno(1,2,3-cd)pyrene	16.61	276	219567	9.929	ng	99
88) Benzo(b)fluoranthene	14.85	252	254819	11.083	ng	98
89) Benzo(k)fluoranthene	14.87	252	230229	11.402	ng	98
90) Benzo(a)pyrene	15.19	252	219460	10.767	ng	97
91) Dibenzo(a,h)anthracene	16.62	278	182232	10.340	ng	98
92) Benzo(g,h,i)perylene	17.02	276	175164	9.857	ng	99

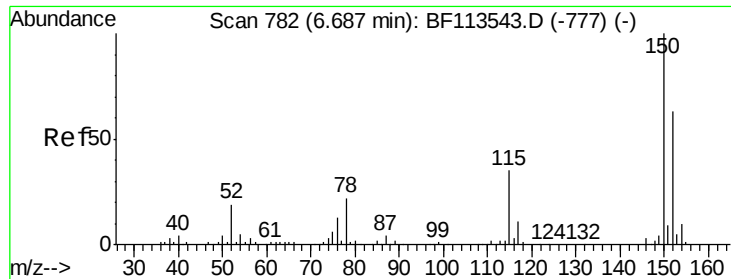
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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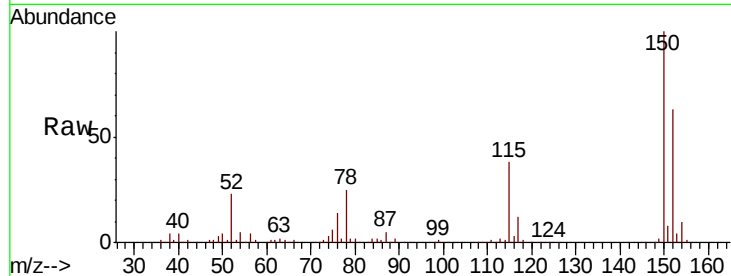


#1

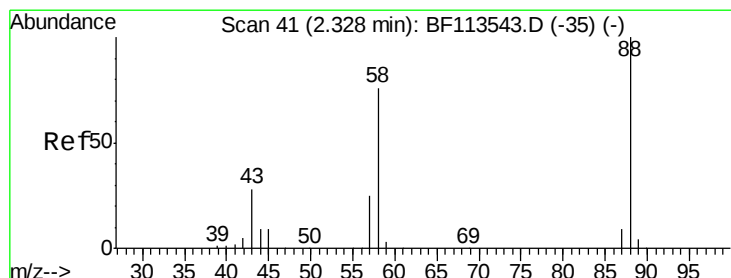
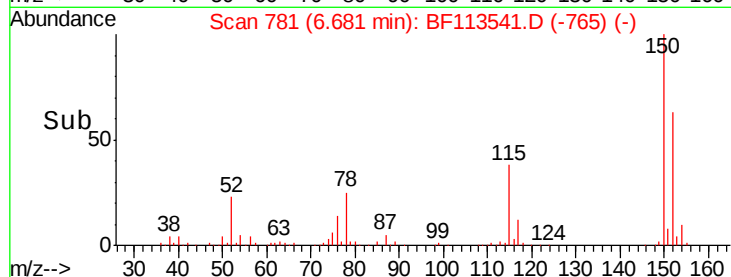
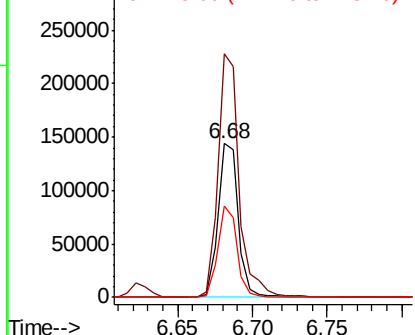
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137546
Ion Ratio Lower Upper
152 100
150 158.4 126.7 190.1
115 59.8 44.2 66.2



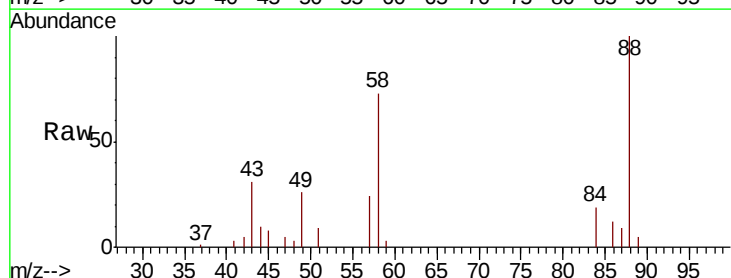
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



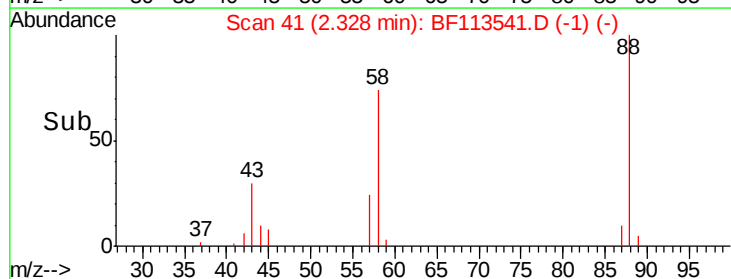
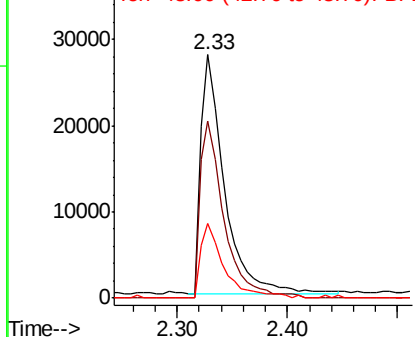
#2

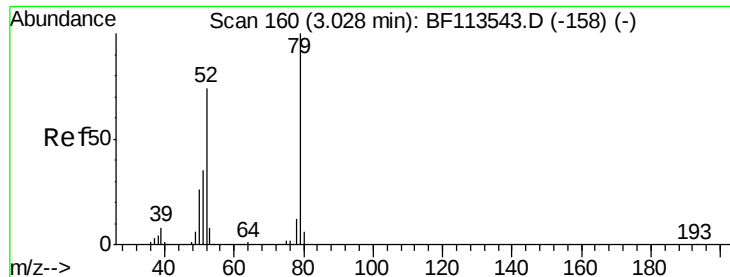
1,4-Dioxane
Concen: 9.319 ng
RT: 2.33 min Scan# 41
Delta R.T. 0.00 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Tgt Ion: 88 Resp: 39774
Ion Ratio Lower Upper
88 100
58 74.8 62.9 94.3
43 31.5 23.4 35.0



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: 8.658 ng

RT: 3.06 min Scan# 166

Delta R.T. 0.04 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Instrument :

BNA_F

ClientSampleId :

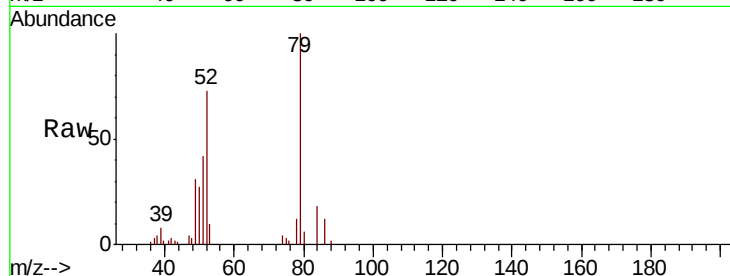
Tot Ion: 79 Resp: 91092

Ion Ratio Lower Upper

79 100

52 73.4 59.5 89.3

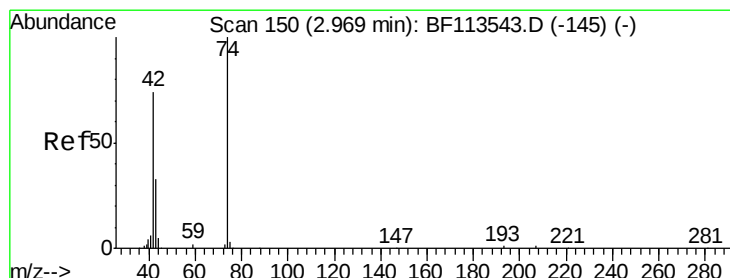
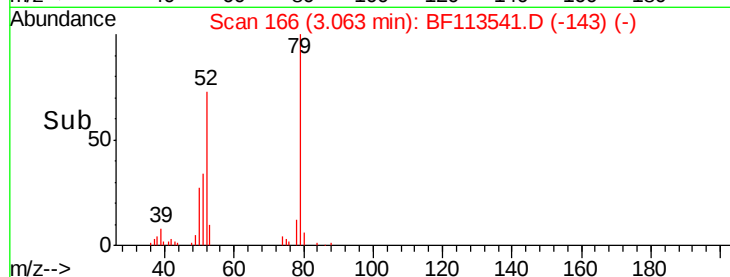
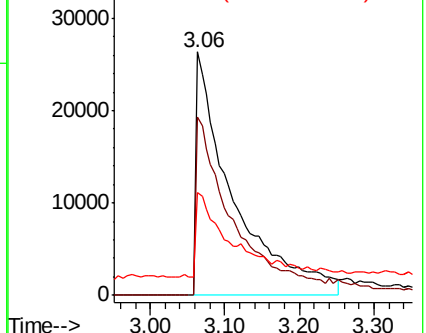
51 42.2 28.8 43.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 8.739 ng

RT: 2.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

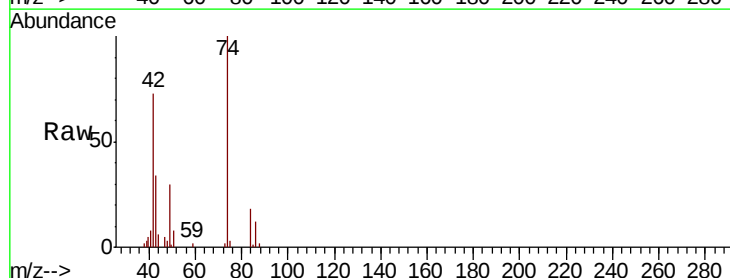
Tgt Ion: 42 Resp: 40875

Ion Ratio Lower Upper

42 100

74 136.7 108.6 162.8

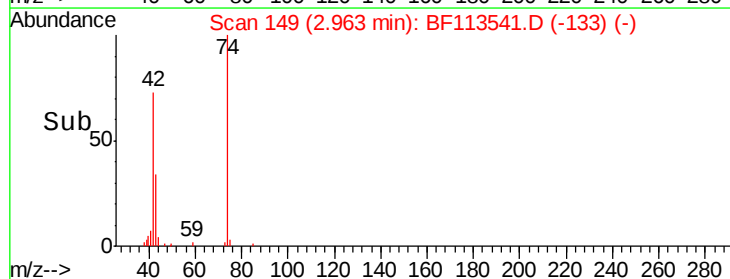
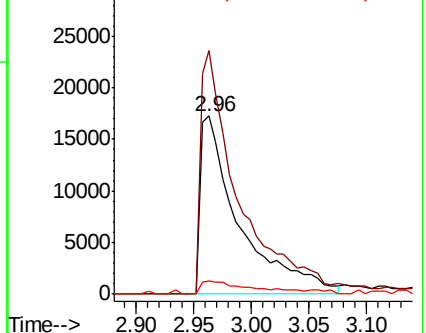
44 7.6 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 21.809 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Instrument :
BNA_F
ClientSampleId :

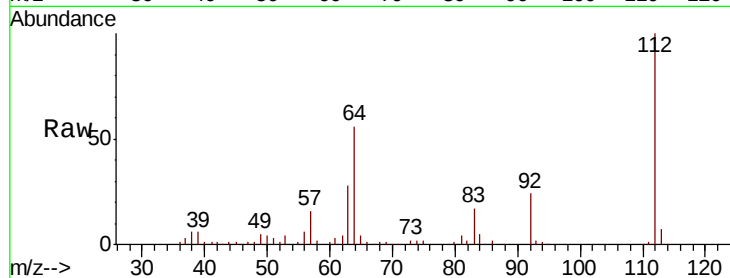
Tot Ion:112 Resp: 183458

Ion Ratio Lower Upper

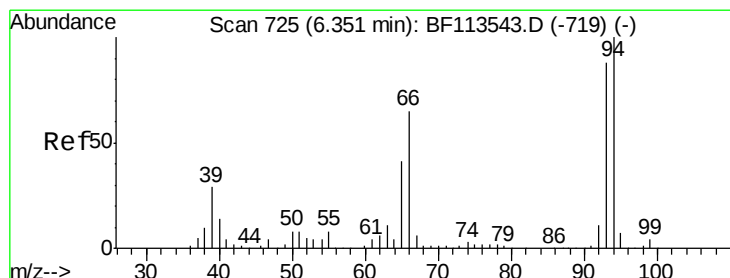
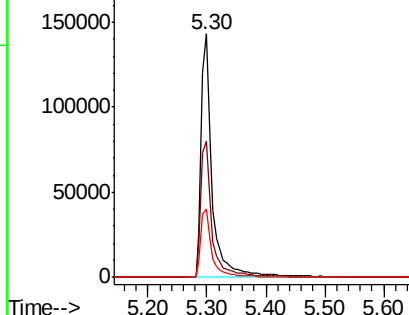
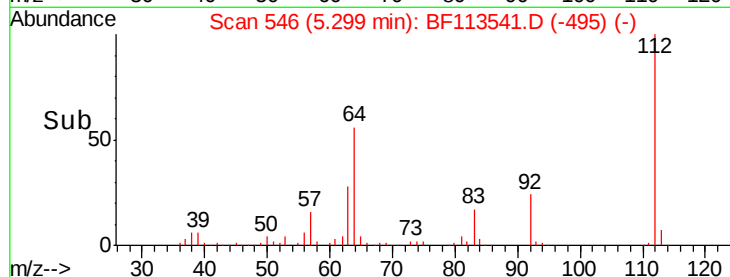
112 100

64 55.7 45.8 68.6

63 27.9 23.1 34.7



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



#6

Aniline

Concen: 11.309 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

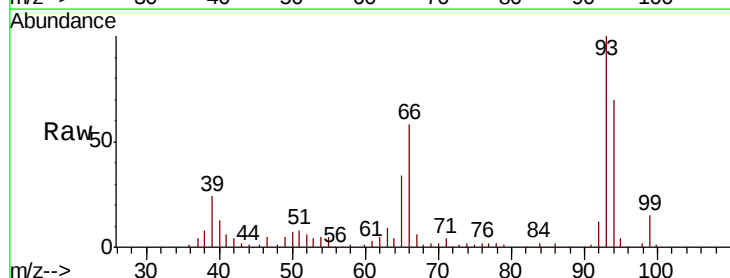
Tgt Ion: 93 Resp: 146560

Ion Ratio Lower Upper

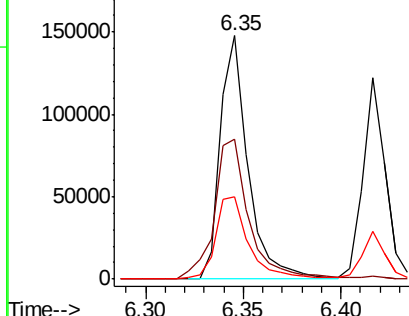
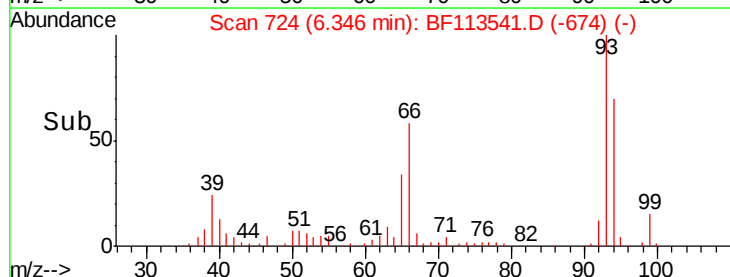
93 100

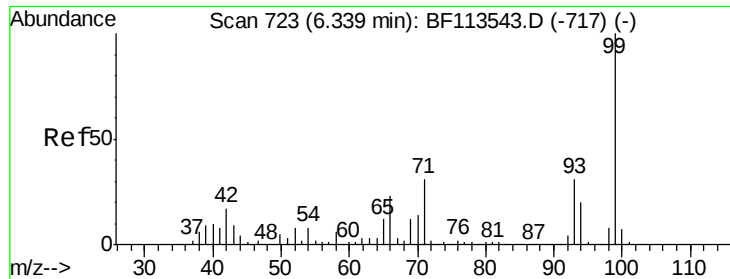
66 57.6 59.0 88.4#

65 33.8 37.4 56.0#



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





#7

Phenol-d6

Concen: 21.867 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

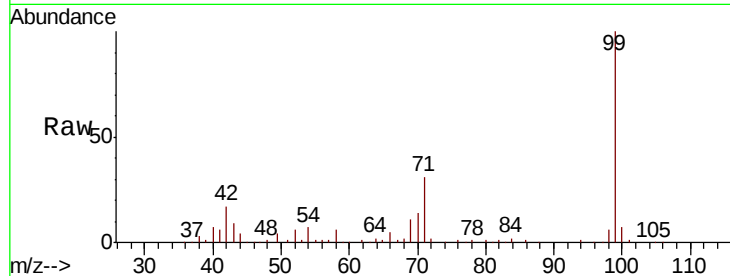
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 232703

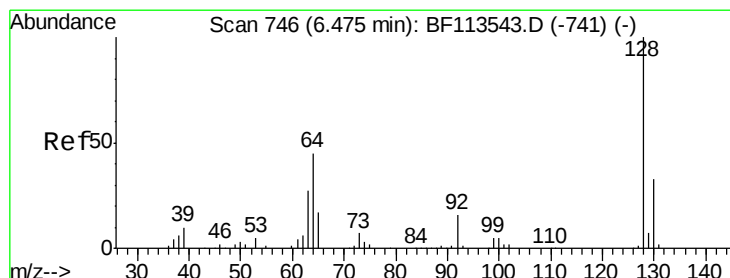
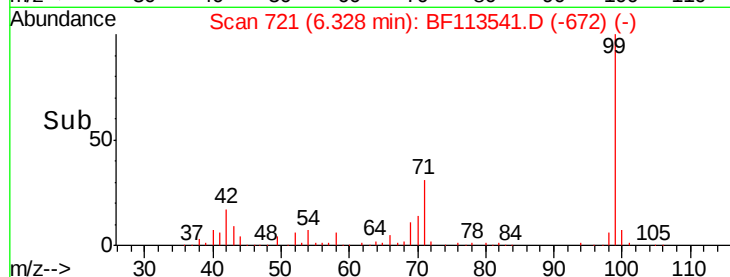
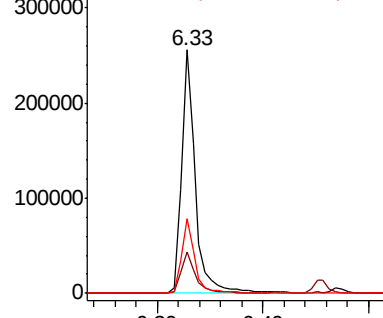
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.9	20.9
71	30.5	24.4	36.6



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: 10.881 ng

RT: 6.47 min Scan# 745

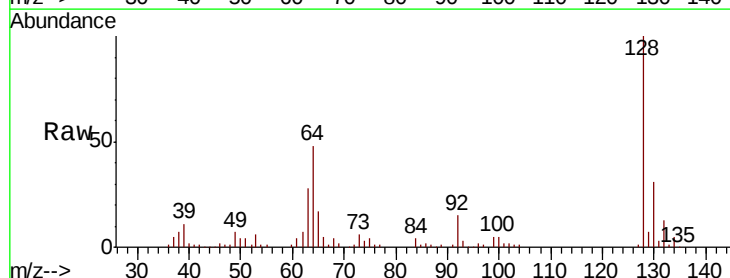
Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Tgt Ion: 128 Resp: 106295

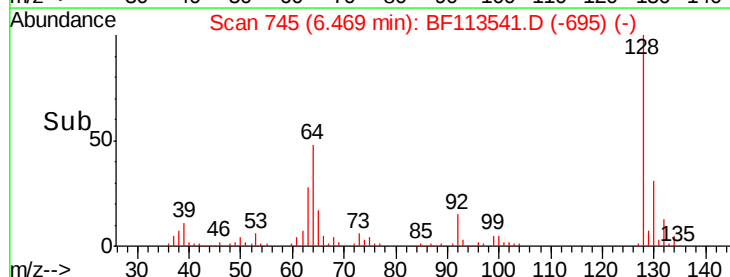
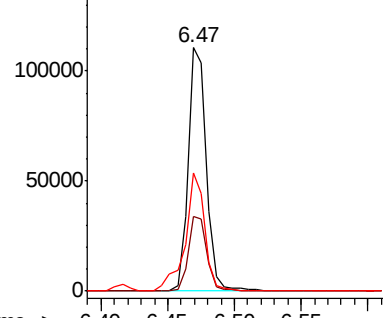
Ion	Ratio	Lower	Upper
128	100		
130	30.9	13.0	53.0
64	48.3	25.8	65.8

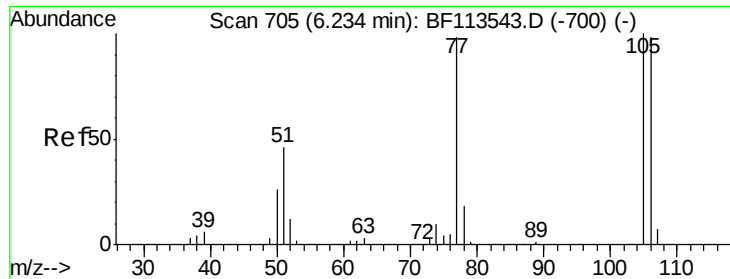


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 10.754 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

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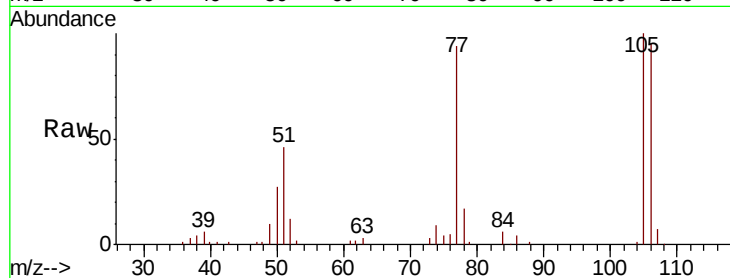
Tot Ion: 77 Resp: 76797

Ion Ratio Lower Upper

77 100

105 106.0 82.2 122.2

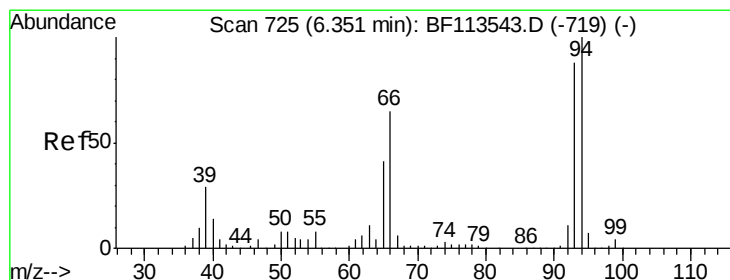
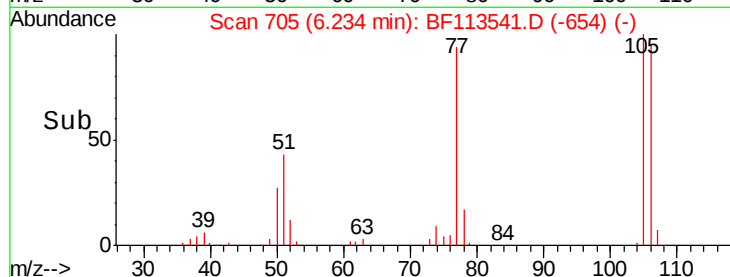
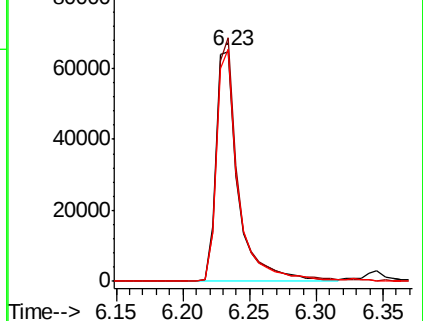
106 101.0 79.8 119.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 10.829 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

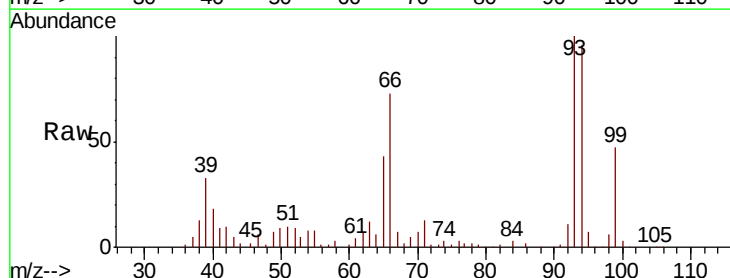
Tgt Ion: 94 Resp: 131561

Ion Ratio Lower Upper

94 100

65 45.3 21.1 61.1

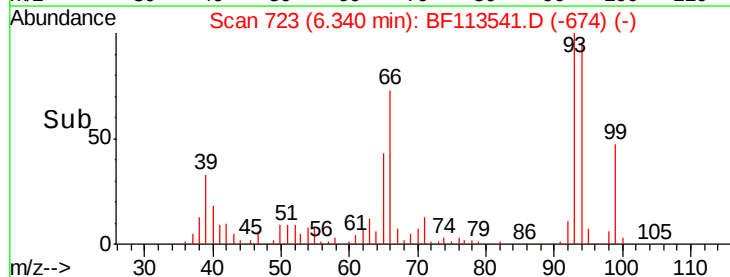
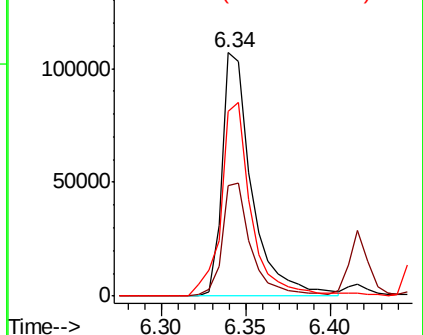
66 75.9 44.9 84.9



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 10.228 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Instrument :

BNA_F

ClientSampleId :

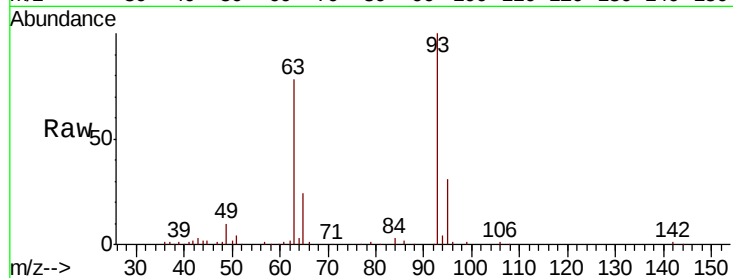
Tot Ion: 93 Resp: 95251

Ion Ratio Lower Upper

93 100

63 77.5 53.9 93.9

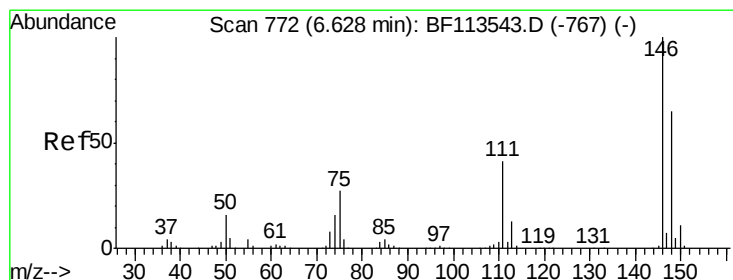
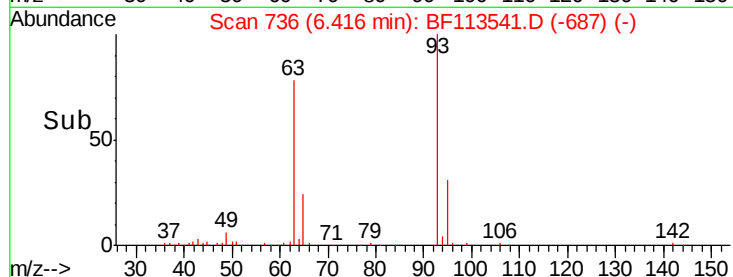
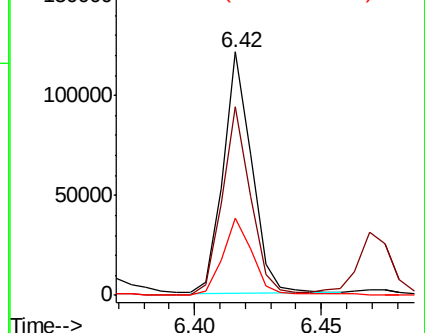
95 31.5 13.3 53.3



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: 10.717 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

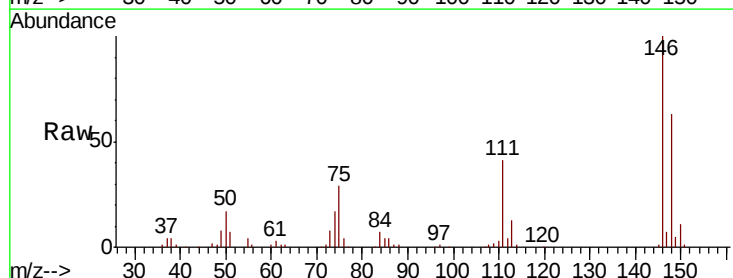
Tgt Ion: 146 Resp: 112851

Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.6

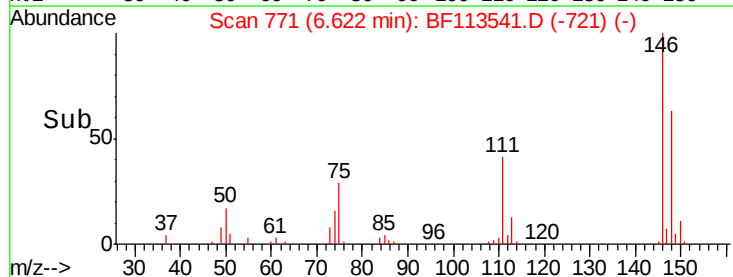
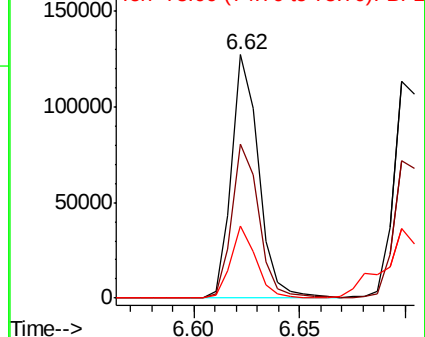
75 29.4 22.0 33.0

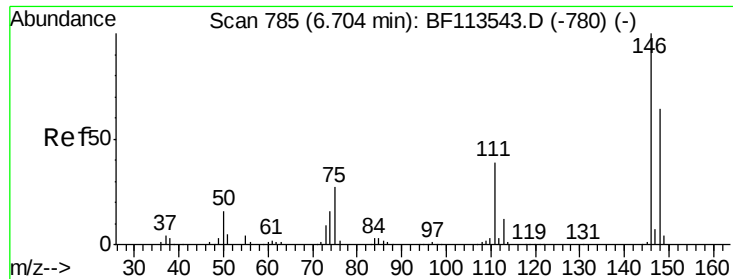


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

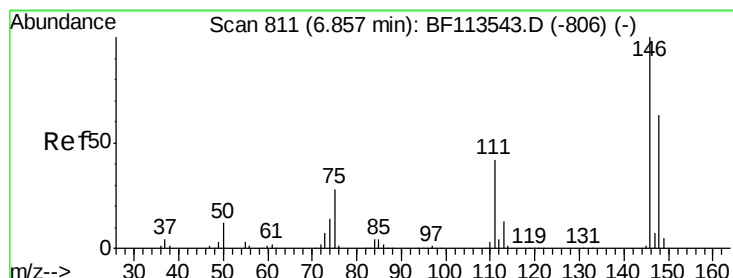
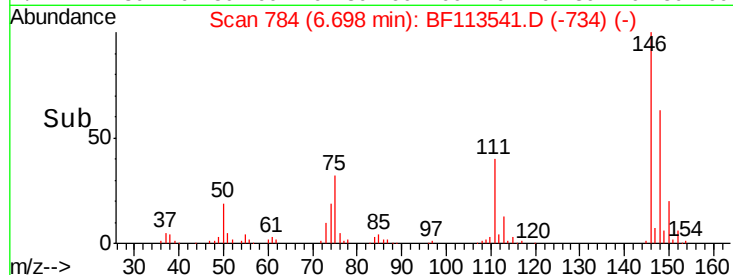
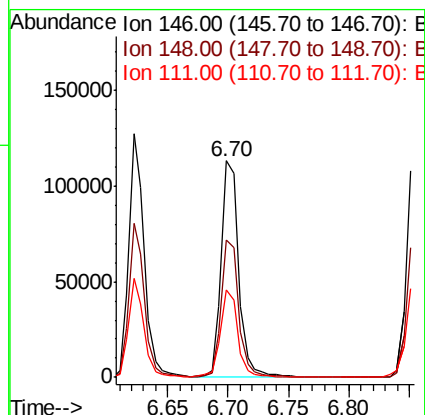
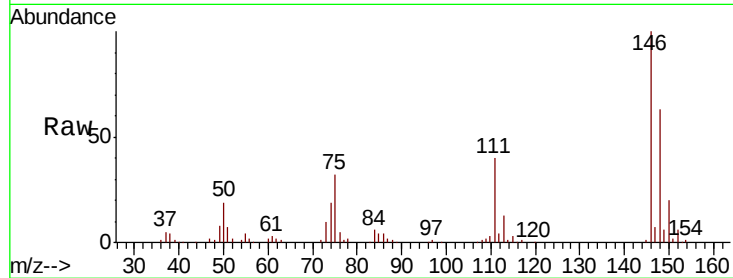




#13
 1,4-Dichlorobenzene
 Concen: 11.224 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113541.D
 Acq: 3 Apr 2019 11:31

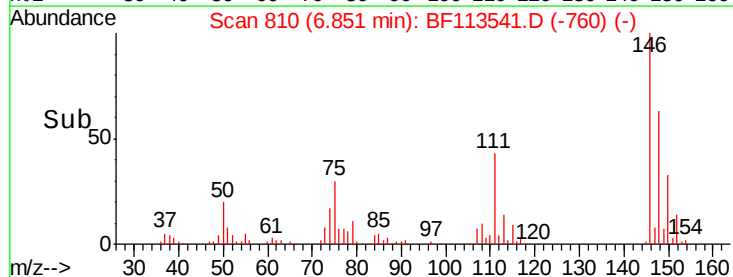
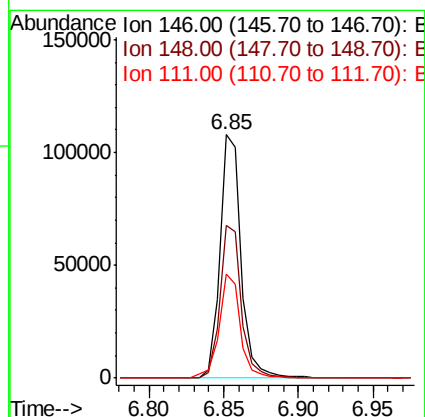
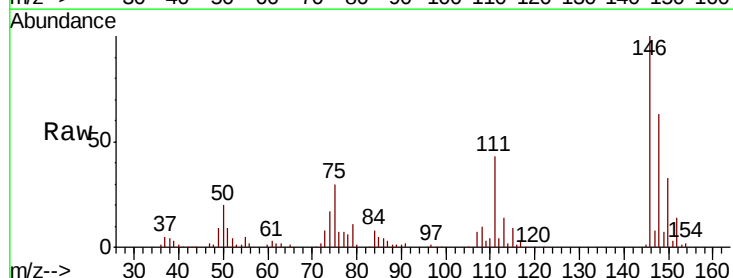
Instrument :
 BNA_F
 ClientSampleId :

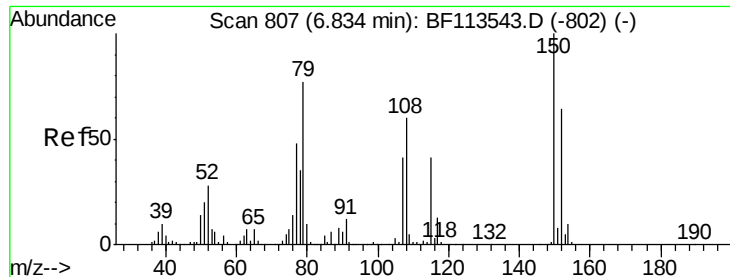
Tot Ion:146 Resp: 114111
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.9 76.3
 111 40.2 31.0 46.6



#14
 1,2-Dichlorobenzene
 Concen: 10.696 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF113541.D
 Acq: 3 Apr 2019 11:31

Tgt Ion:146 Resp: 106983
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.3 75.5
 111 42.9 34.0 51.0





#15

Benzyl Alcohol

Concen: 11.535 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Instrument :

BNA_F

ClientSampleId :

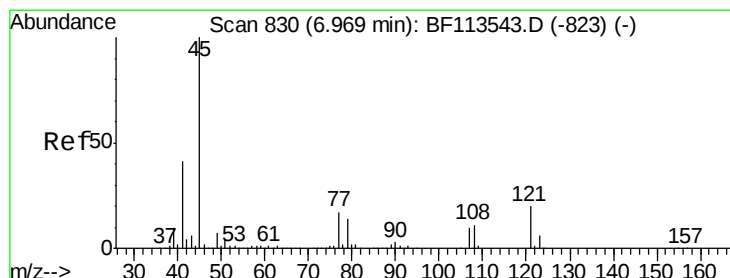
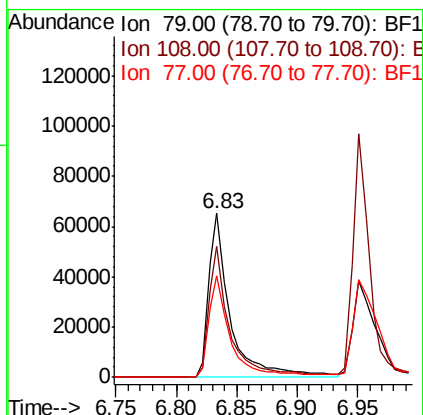
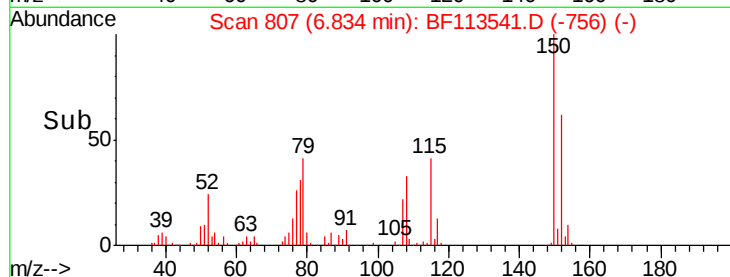
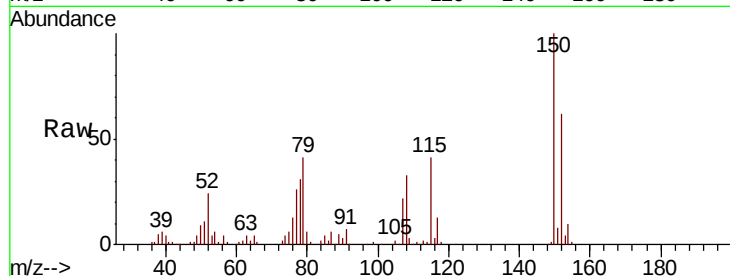
Tot Ion: 79 Resp: 80982

Ion Ratio Lower Upper

79 100

108 80.2 62.8 94.2

77 62.4 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 11.187 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

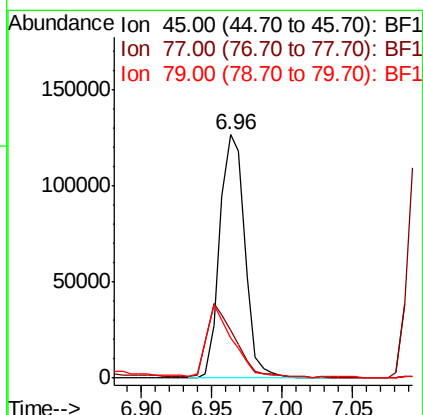
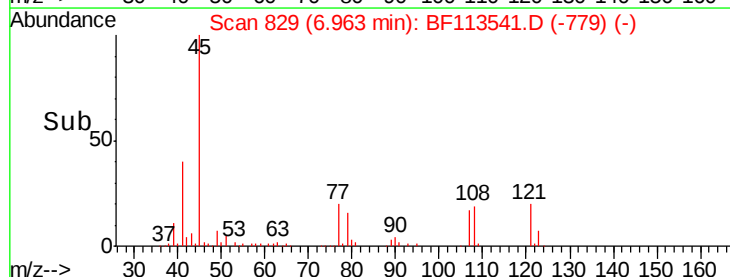
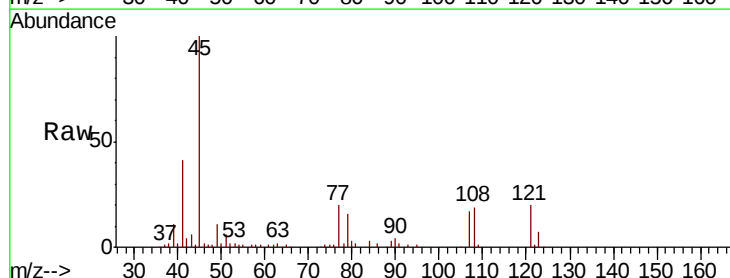
Tgt Ion: 45 Resp: 156508

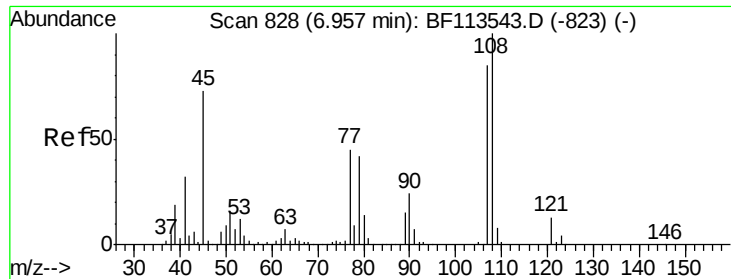
Ion Ratio Lower Upper

45 100

77 19.9 0.0 36.9

79 16.5 0.0 34.2

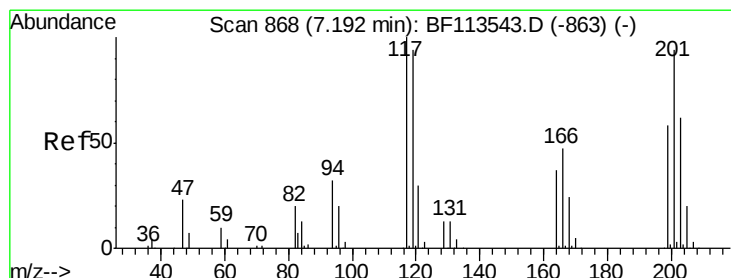
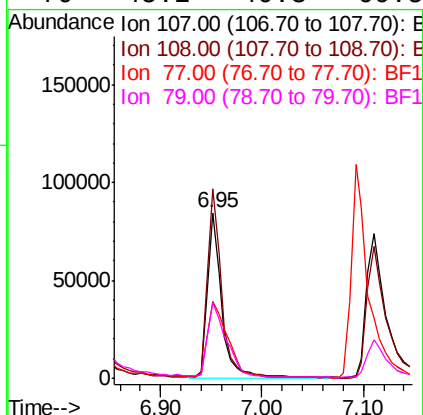
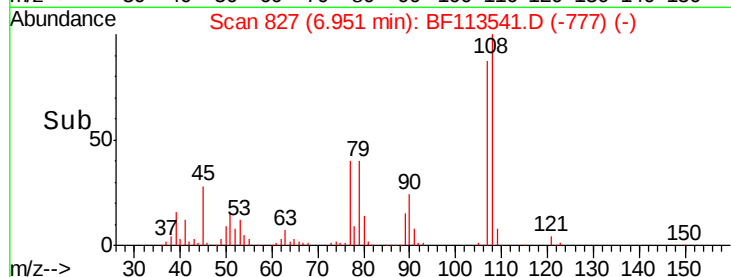
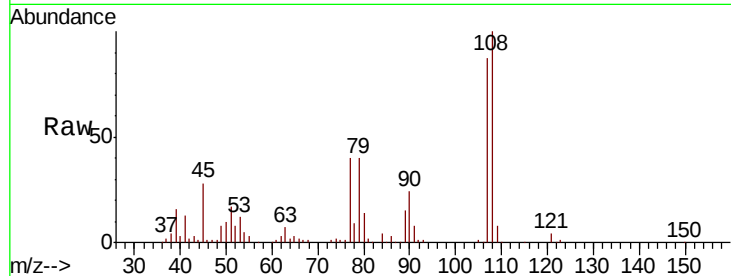




#17
2-Methylphenol
Concen: 10.799 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

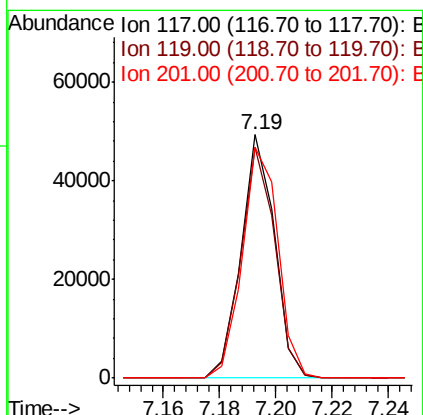
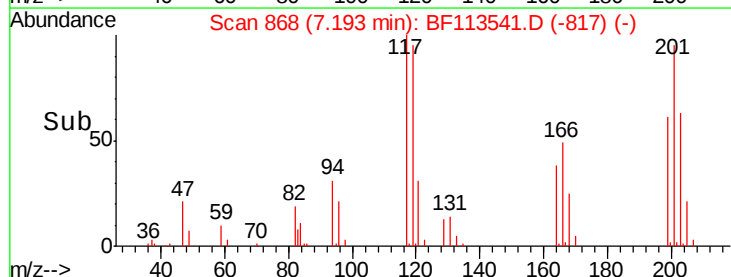
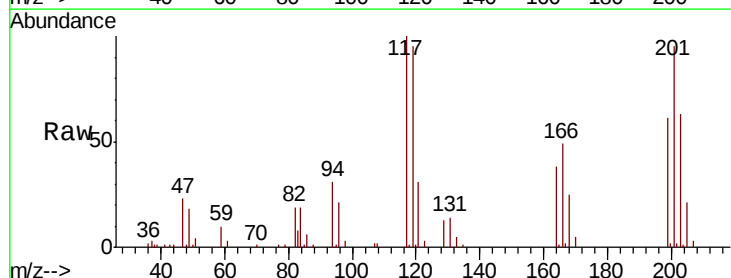
Instrument :
BNA_F
ClientSampleId :

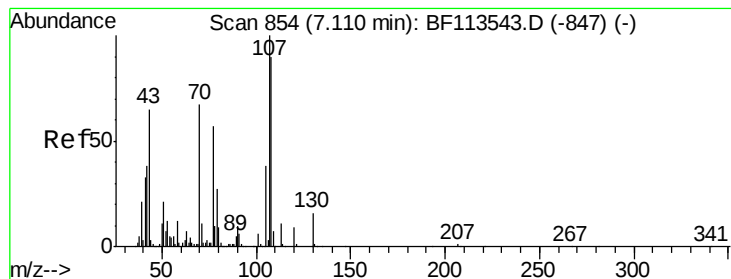
Tot Ion:107 Resp: 82674
Ion Ratio Lower Upper
107 100
108 114.4 94.2 141.4
77 46.2 42.7 64.1
79 45.2 40.3 60.5



#18
Hexachloroethane
Concen: 11.114 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Tgt Ion:117 Resp: 40583
Ion Ratio Lower Upper
117 100
119 94.8 75.4 113.0
201 97.2 75.1 112.7





#19

n-Nitroso-di-n-propylamine

Concen: 10.609 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 70918

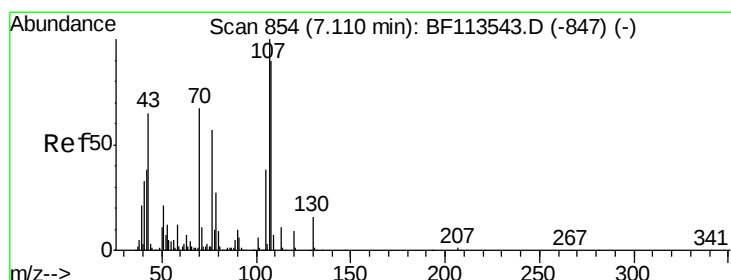
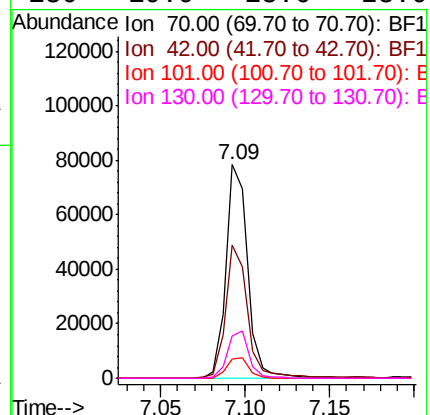
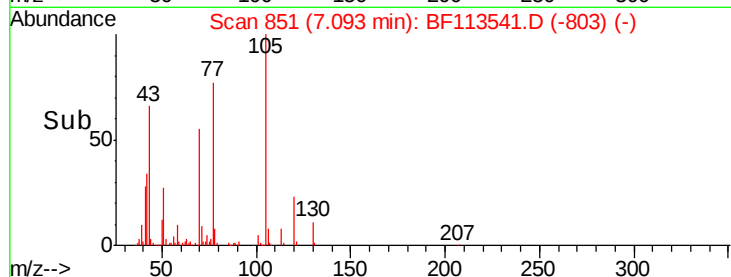
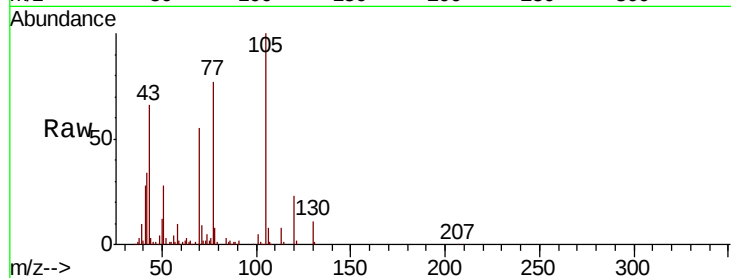
Ion Ratio Lower Upper

70 100

42 62.1 46.2 69.2

101 9.2 7.6 11.4

130 19.9 18.6 28.0



#20

3+4-Methylphenols

Concen: 11.090 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Tgt Ion: 107 Resp: 106319

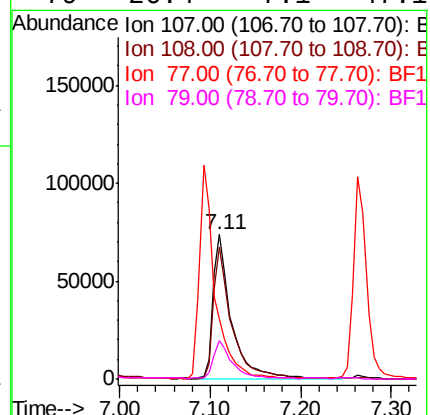
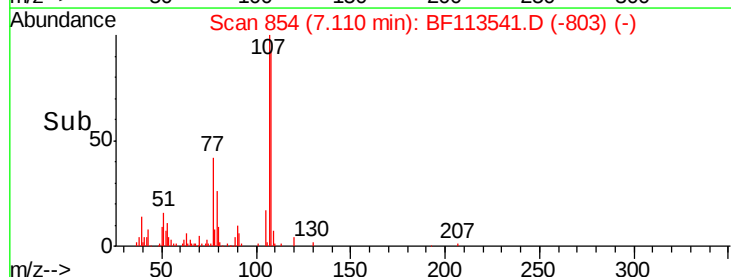
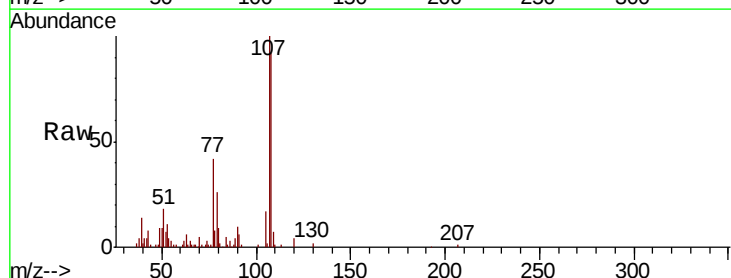
Ion Ratio Lower Upper

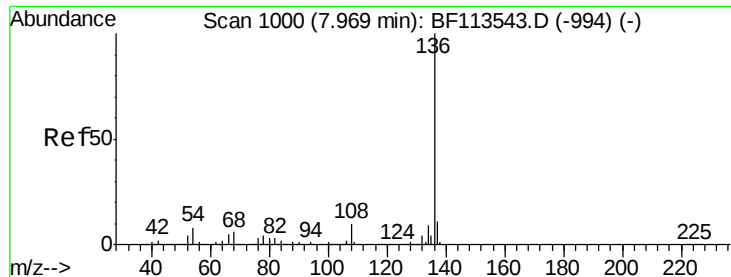
107 100

108 91.5 69.9 109.9

77 42.1 37.4 77.4

79 26.4 7.1 47.1

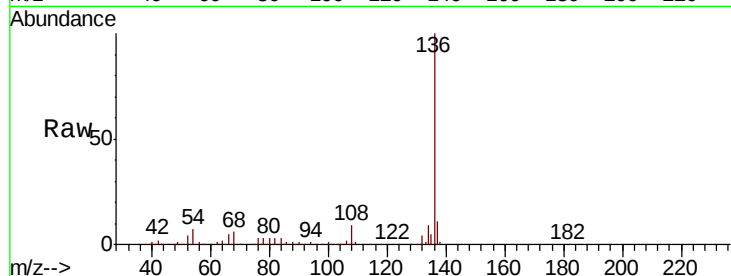




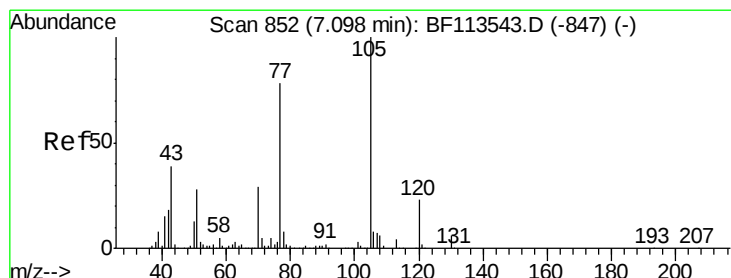
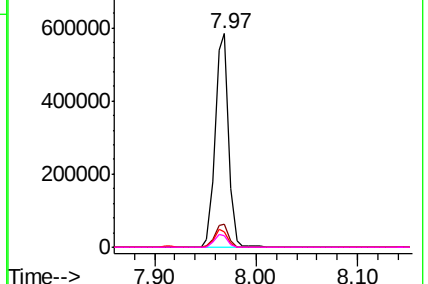
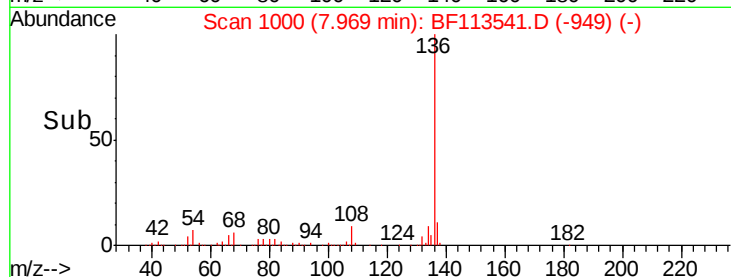
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	540063
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	7.5	6.2 9.2
68	5.5	4.7 7.1

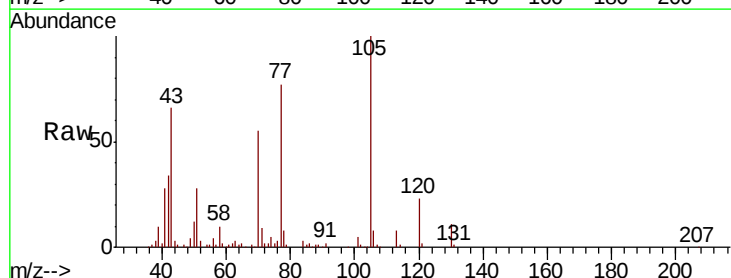


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

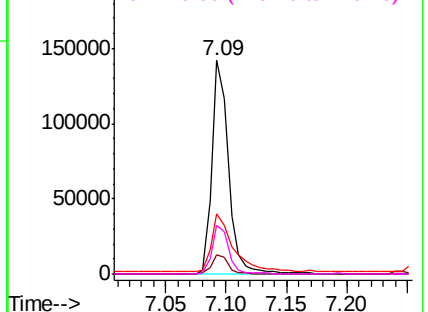
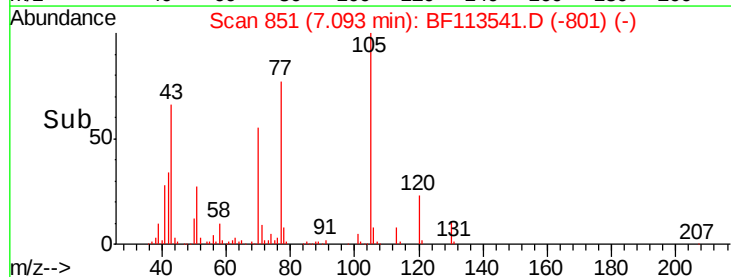


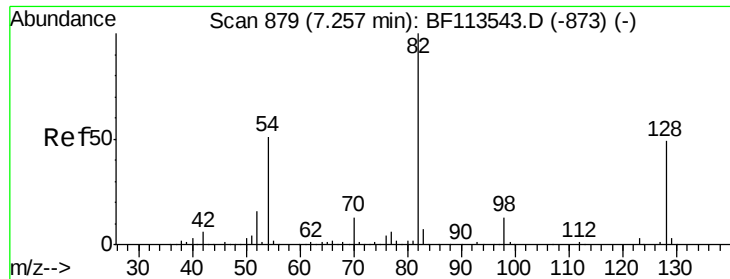
#22
Acetophenone
Concen: 10.897 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Tgt Ion:105	Resp:	134210
Ion	Ratio	Lower Upper
105	100	
71	8.7	3.7 5.5#
51	28.3	22.9 34.3
120	22.8	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

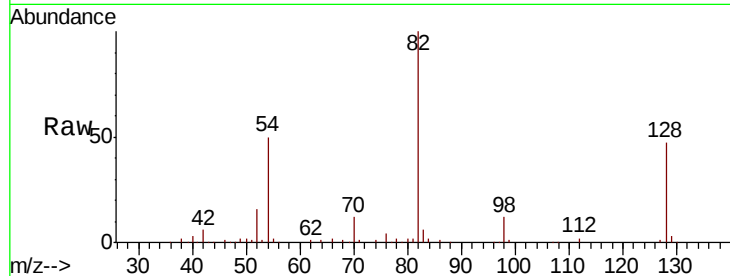




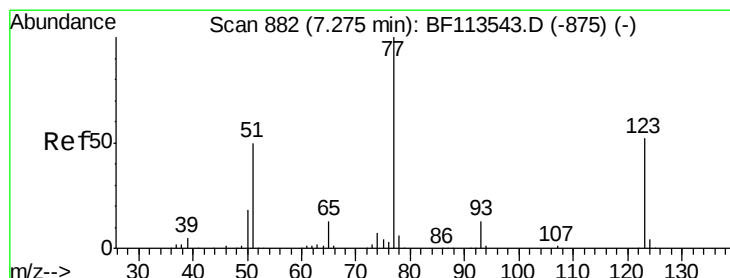
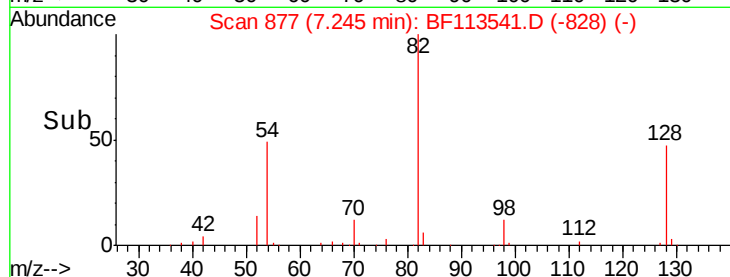
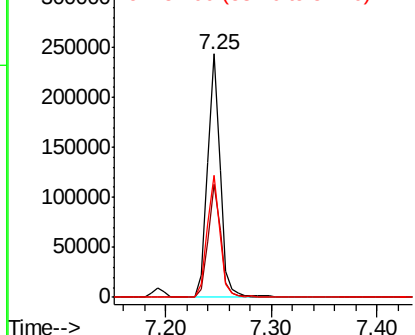
#23
Nitrobenzene-d5
Concen: 22.542 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	205110
Ion Ratio	Lower	Upper	
82	100		
128	46.5	39.1	58.7
54	50.1	41.0	61.4

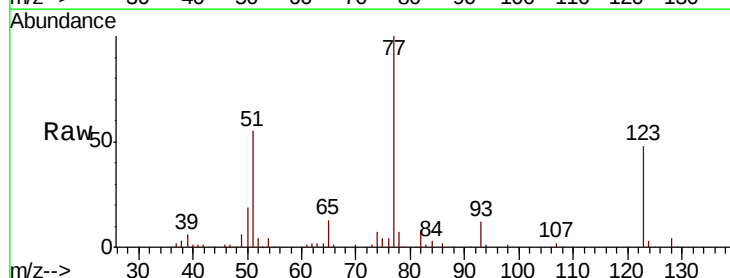


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

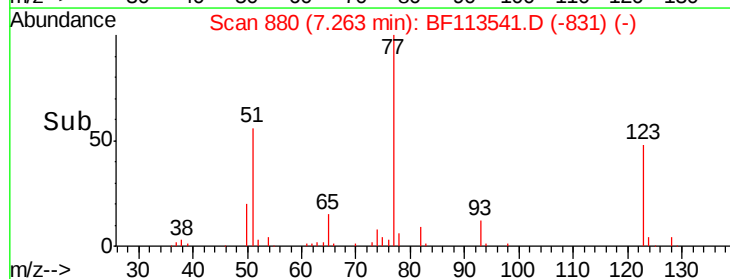
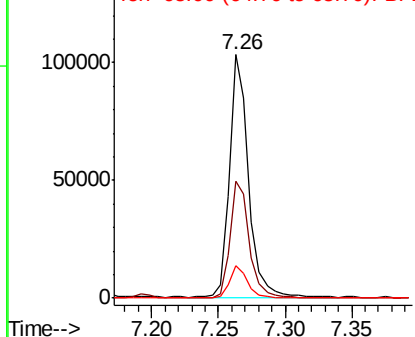


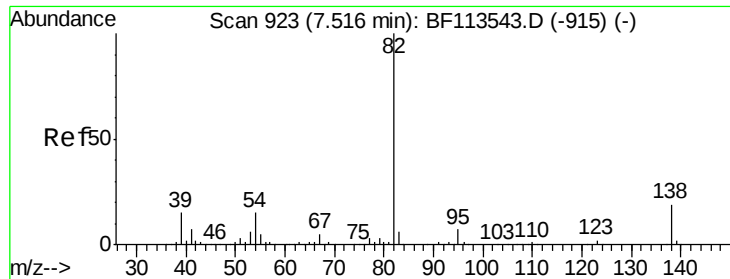
#24
Nitrobenzene
Concen: 10.921 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Tgt Ion	77	Resp	103691
Ion Ratio	Lower	Upper	
77	100		
123	47.8	41.2	61.8
65	13.5	10.2	15.4



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





#25

Isophorone

Concen: 10.950 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Instrument :

BNA_F

ClientSampleId :

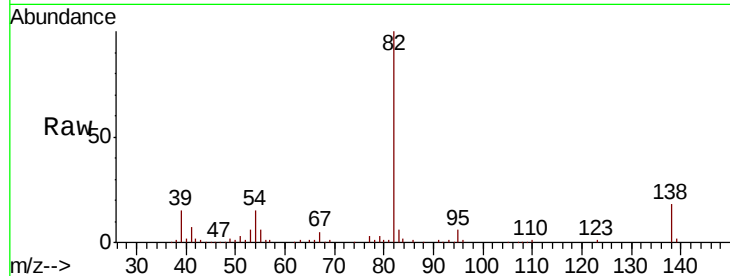
Tot Ion: 82 Resp: 193079

Ion Ratio Lower Upper

82 100

95 6.3 5.4 8.0

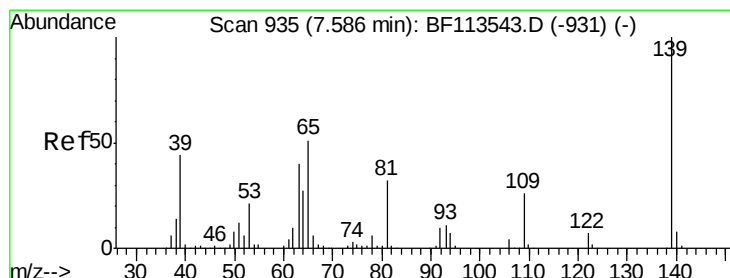
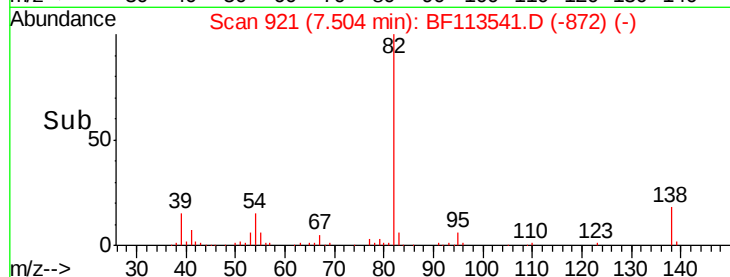
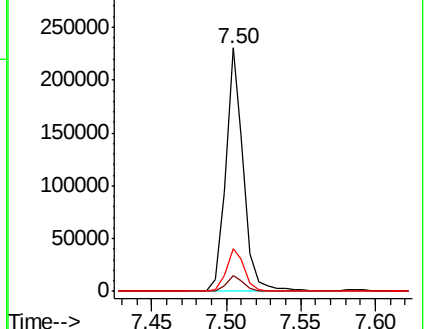
138 17.6 14.9 22.3



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: 10.549 ng

RT: 7.59 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

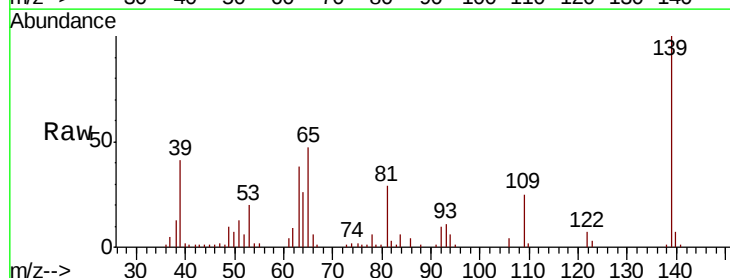
Tgt Ion:139 Resp: 52944

Ion Ratio Lower Upper

139 100

109 25.2 20.9 31.3

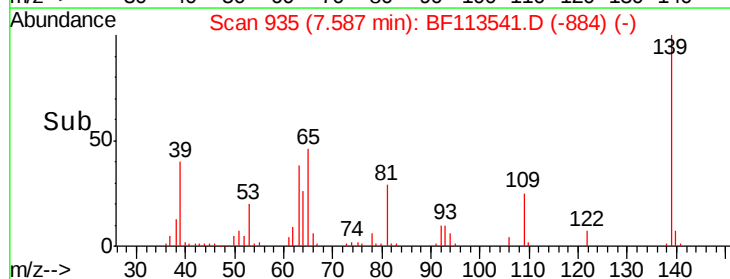
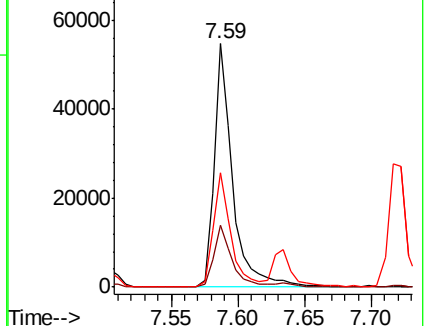
65 47.0 40.5 60.7

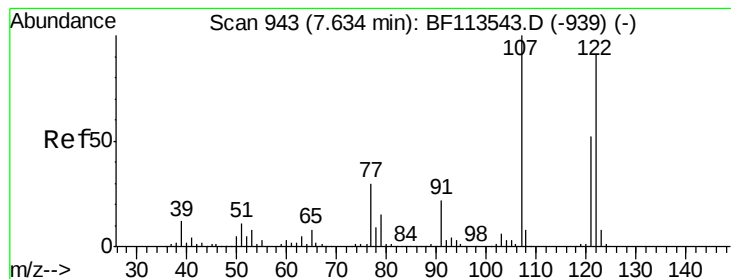


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 11.395 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Instrument :

BNA_F

ClientSampled :

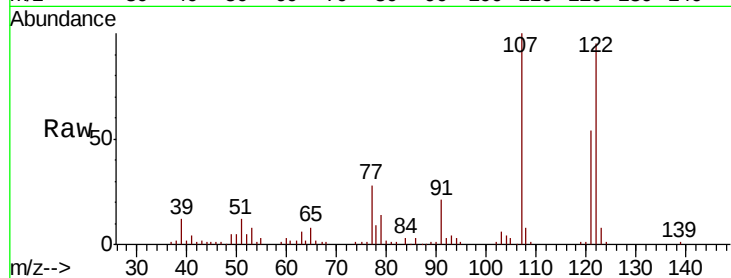
Tot Ion:122 Resp: 82267

Ion Ratio Lower Upper

122 100

107 104.9 88.2 132.4

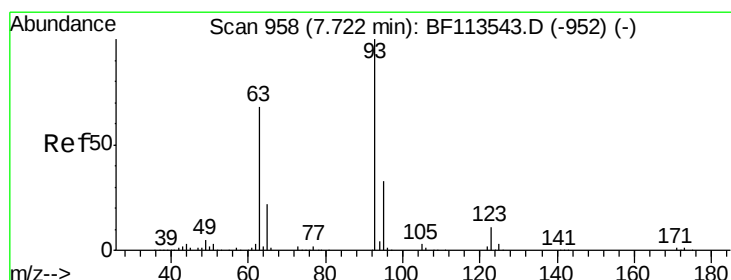
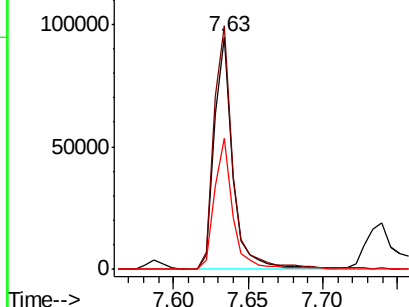
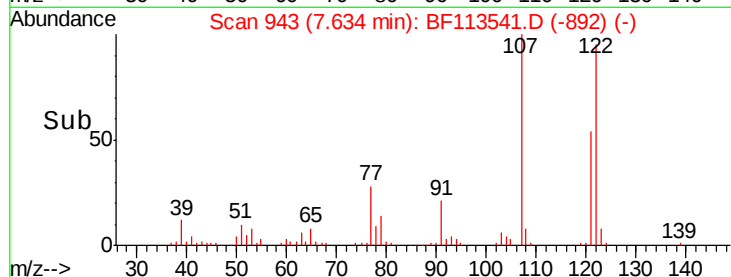
121 56.2 45.7 68.5



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: 11.266 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

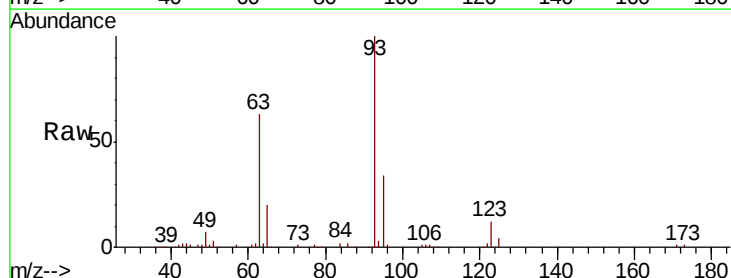
Tgt Ion: 93 Resp: 125105

Ion Ratio Lower Upper

93 100

95 34.4 26.5 39.7

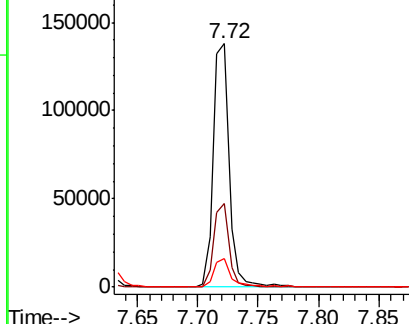
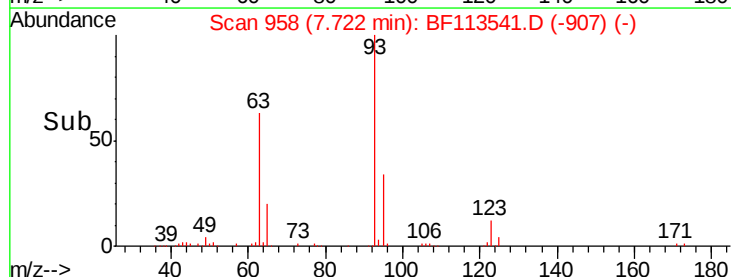
123 11.8 9.1 13.7

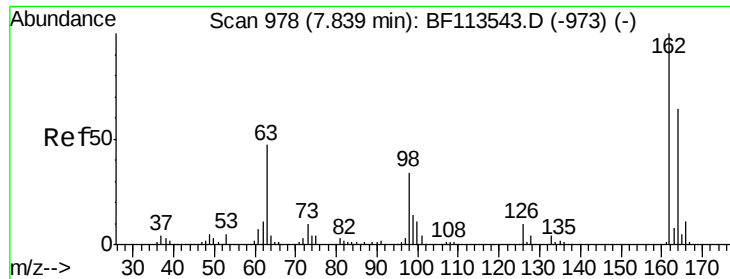


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

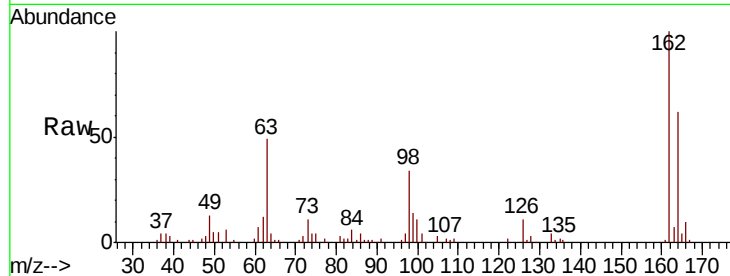




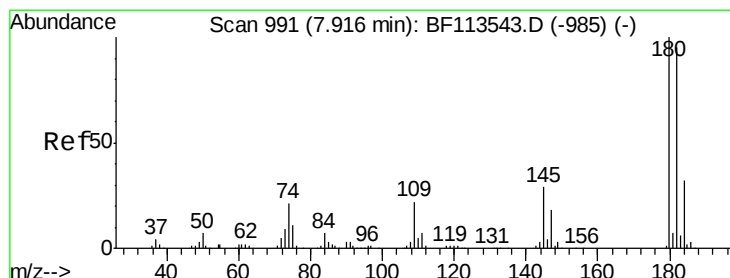
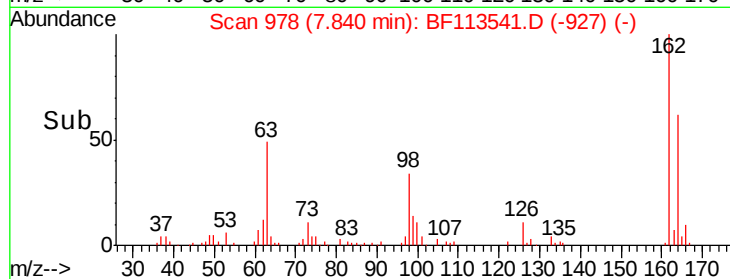
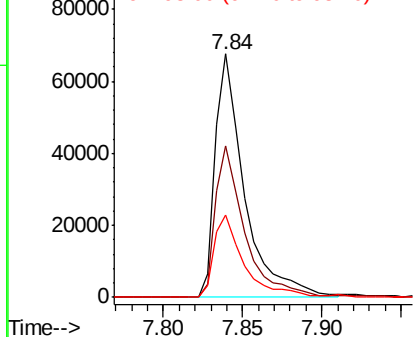
#29
 2,4-Dichlorophenol
 Concen: 11.079 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF113541.D
 Acq: 3 Apr 2019 11:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	162	Resp	86677
Ion Ratio	Lower	Upper	
162	100		
164	62.3	44.3	84.3
98	34.1	14.0	54.0

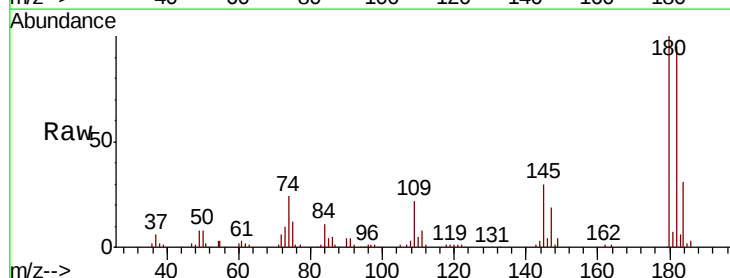


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

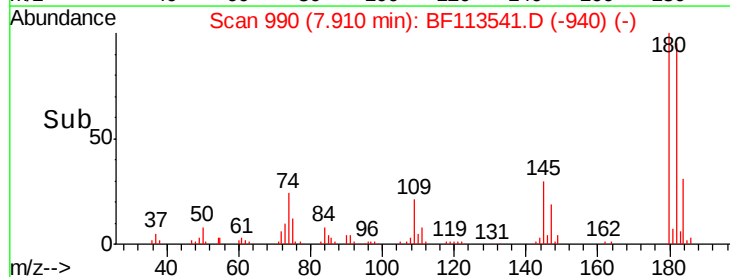
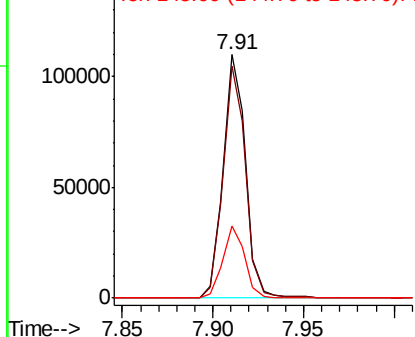


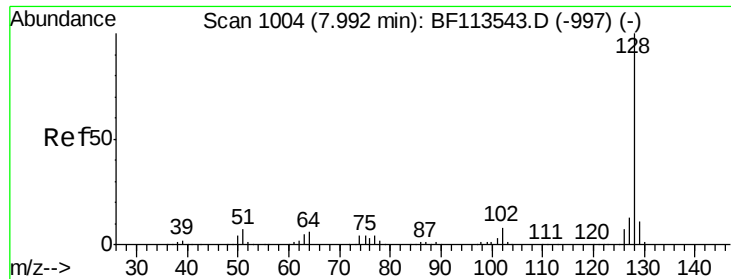
#30
 1,2,4-Trichlorobenzene
 Concen: 11.173 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF113541.D
 Acq: 3 Apr 2019 11:31

Tgt Ion	180	Resp	94310
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.8	113.6
145	29.8	22.9	34.3



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

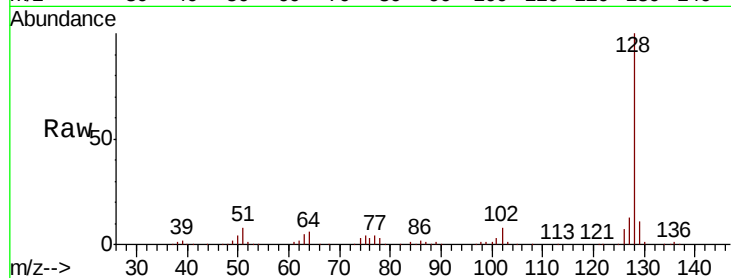




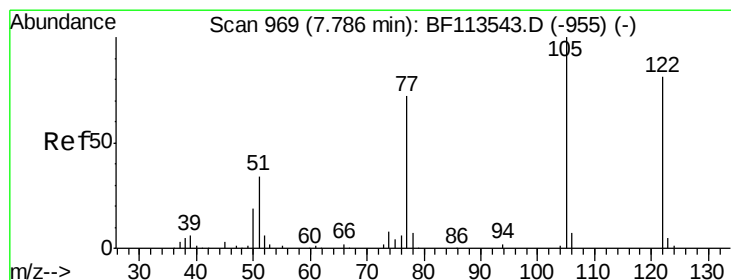
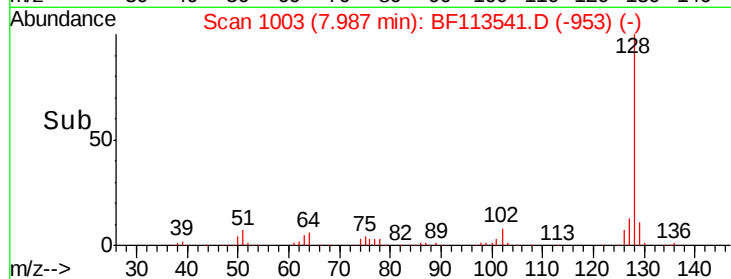
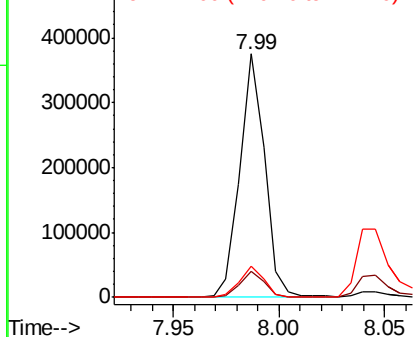
#31
Naphthalene
Concen: 11.589 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 305859
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.8 10.7 16.1

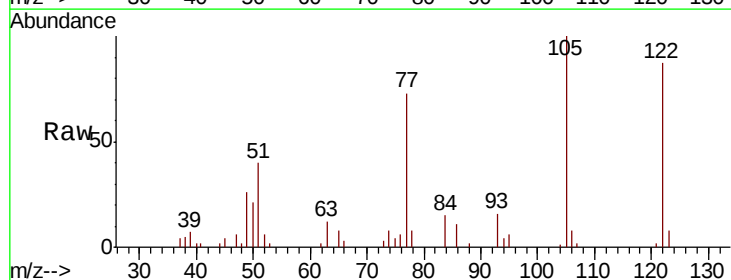


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

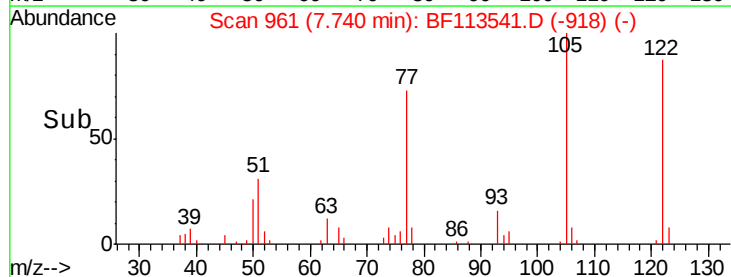
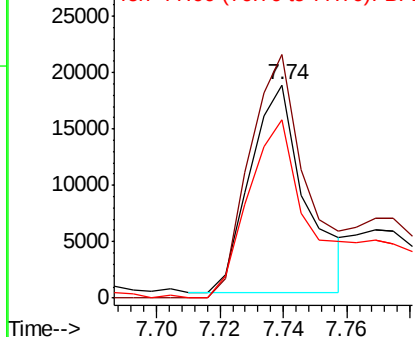


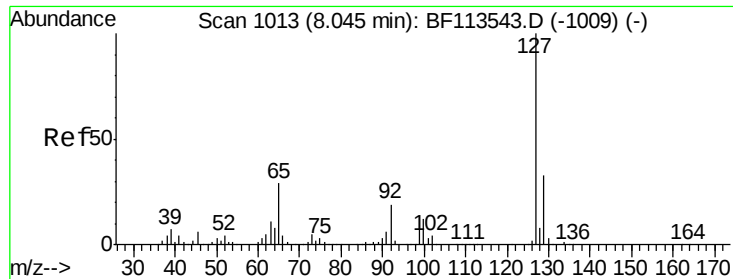
#32
Benzoic acid
Concen: 3.855 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.05 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Tgt Ion:122 Resp: 22402
Ion Ratio Lower Upper
122 100
105 114.4 101.5 141.5
77 83.7 68.7 108.7



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

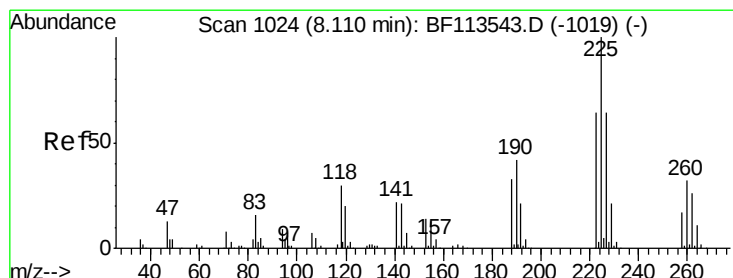
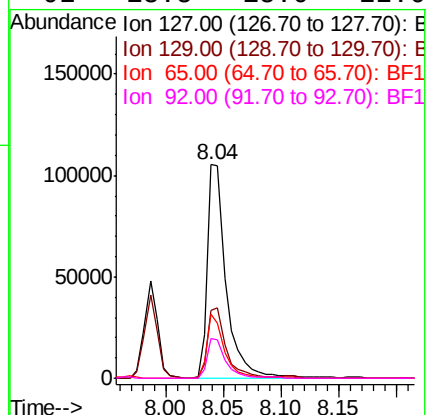
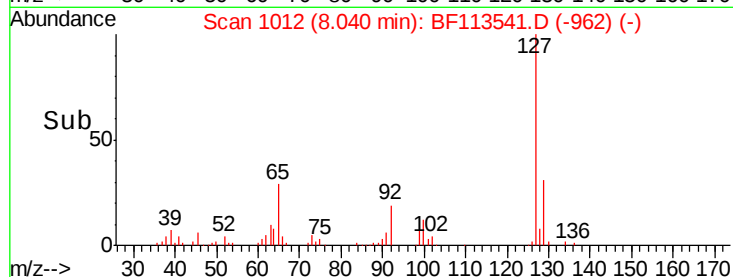
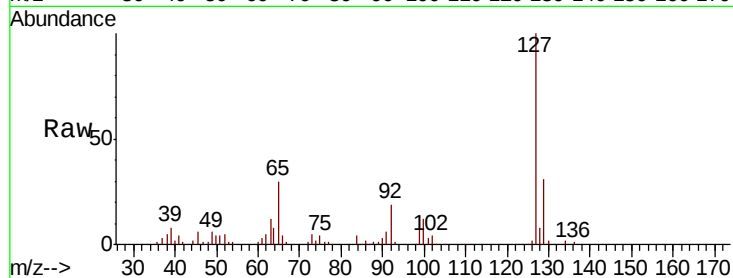




#33
4-Chloroaniline
Concen: 11.853 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

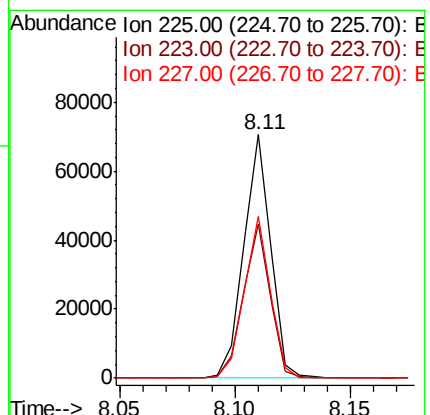
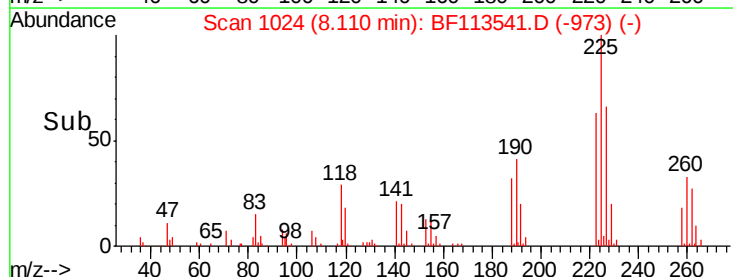
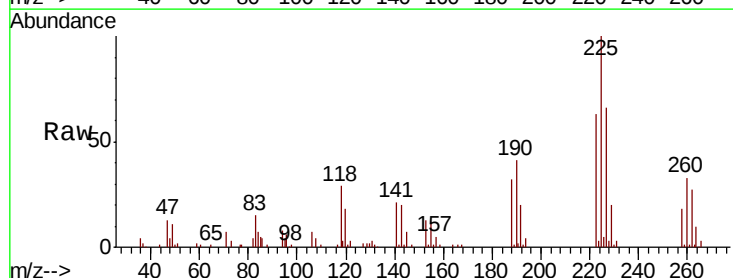
Instrument :
BNA_F
ClientSampleId :

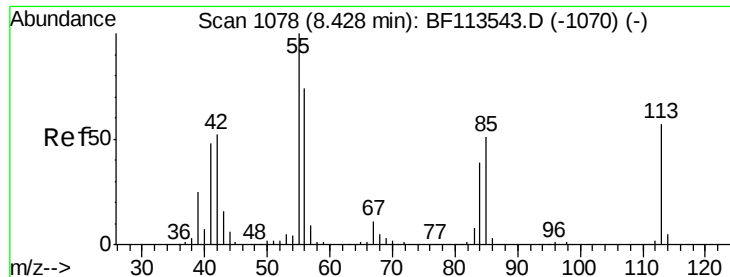
Tot Ion:	127	Resp:	121986
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.2
65	29.8	23.1	34.7
92	18.5	15.0	22.6



#34
Hexachlorobutadiene
Concen: 11.430 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Tgt Ion:	225	Resp:	57344
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.4	77.0
227	66.3	51.4	77.2

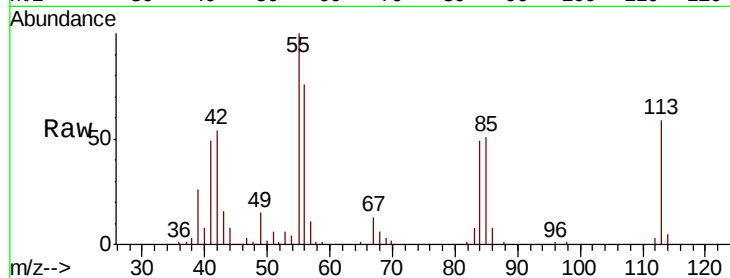




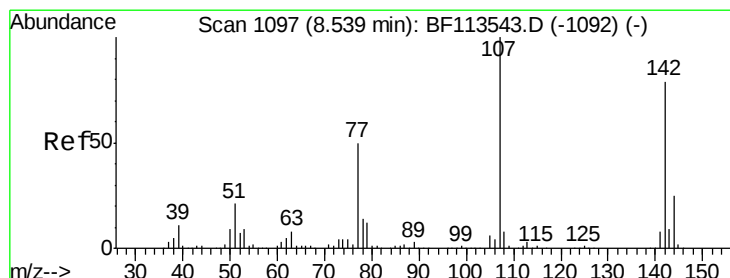
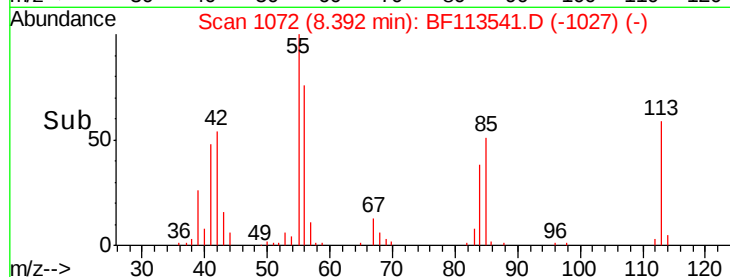
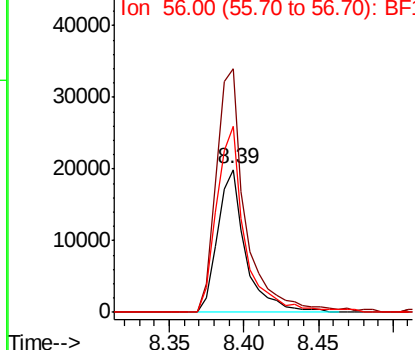
#35
Caprolactam
Concen: 10.455 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.04 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 26252
Ion Ratio Lower Upper
113 100
55 170.5 154.8 194.8
56 130.1 108.9 148.9

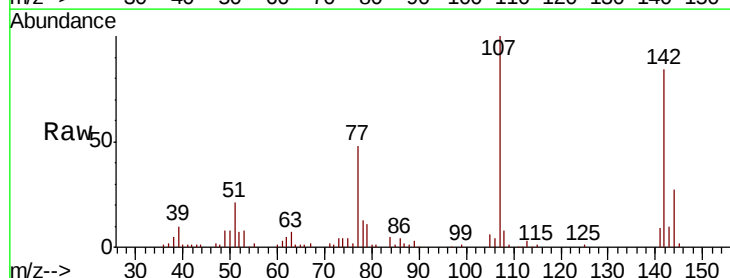


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

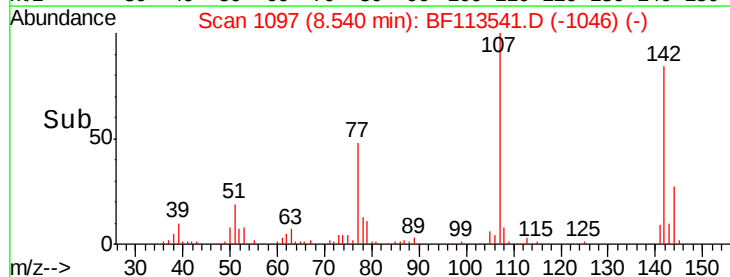
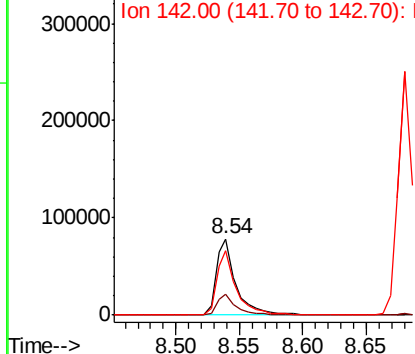


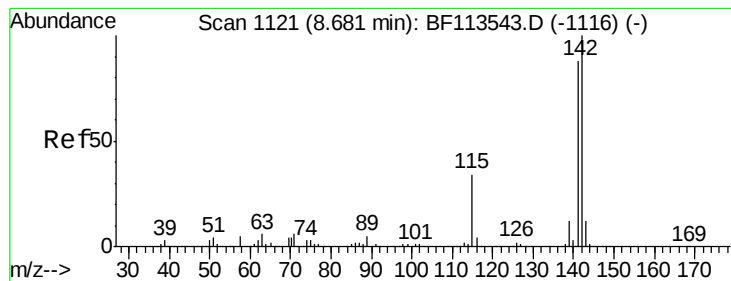
#36
4-Chloro-3-methylphenol
Concen: 10.932 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Tgt Ion:107 Resp: 86027
Ion Ratio Lower Upper
107 100
144 27.5 20.0 30.0
142 84.3 62.9 94.3



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

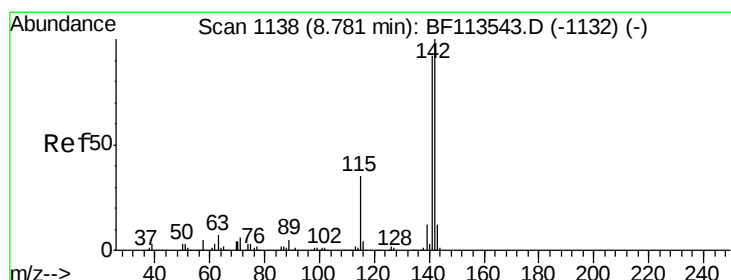
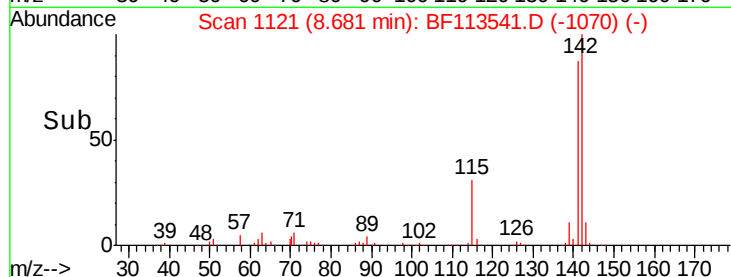
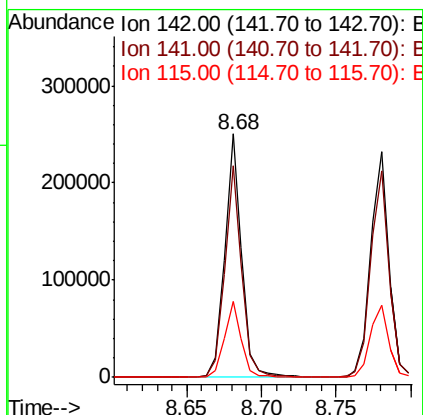
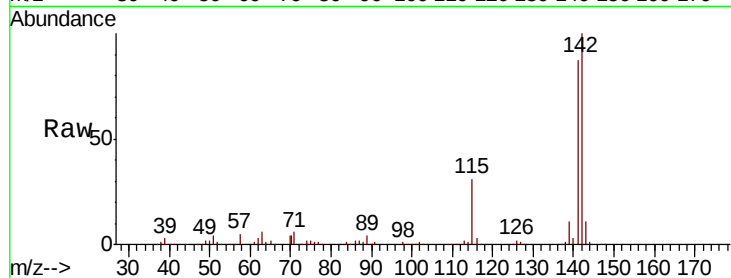




#37
2-Methylnaphthalene
Concen: 12.219 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

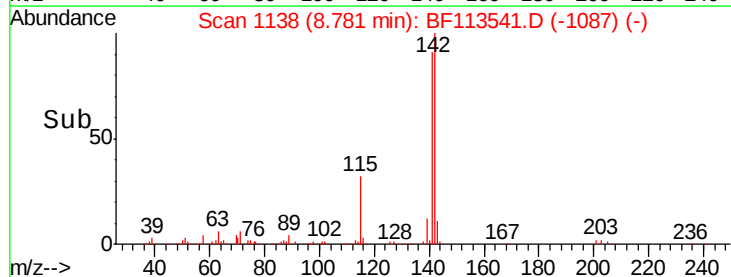
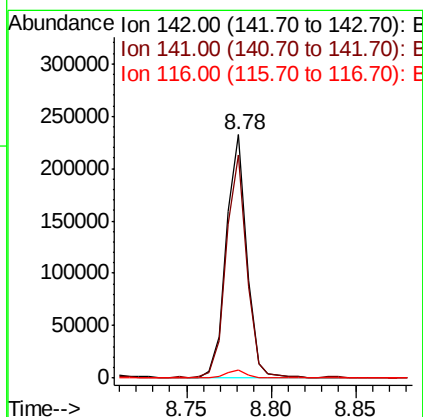
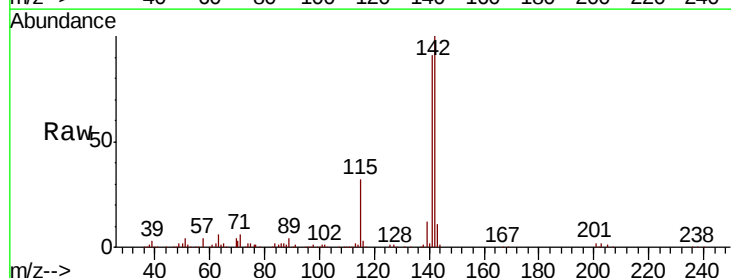
Instrument :
BNA_F
ClientSampleId :

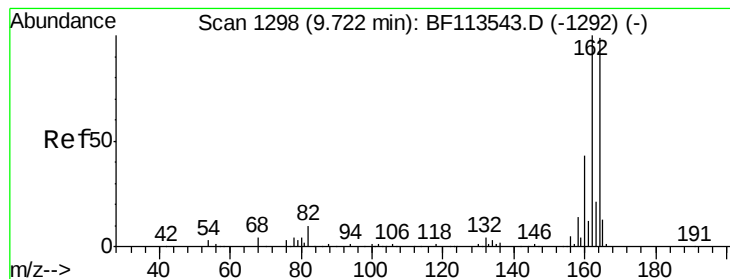
Tot Ion:142 Resp: 201208
Ion Ratio Lower Upper
142 100
141 86.9 70.6 105.8
115 31.2 26.9 40.3



#38
1-Methylnaphthalene
Concen: 12.294 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Tgt Ion:142 Resp: 194730
Ion Ratio Lower Upper
142 100
141 91.4 73.8 110.6
116 3.4 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Instrument :

BNA_F

ClientSampleId :

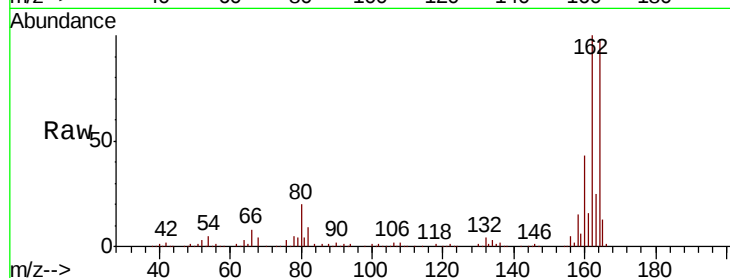
Tot Ion:164 Resp: 263192

Ion Ratio Lower Upper

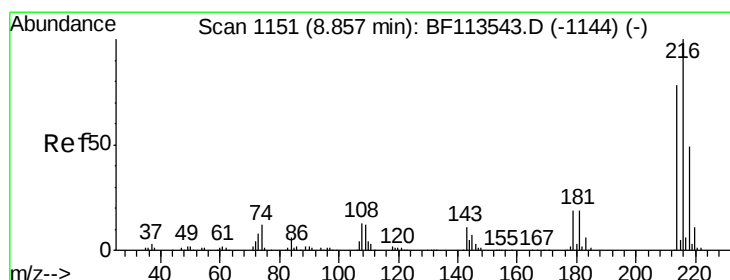
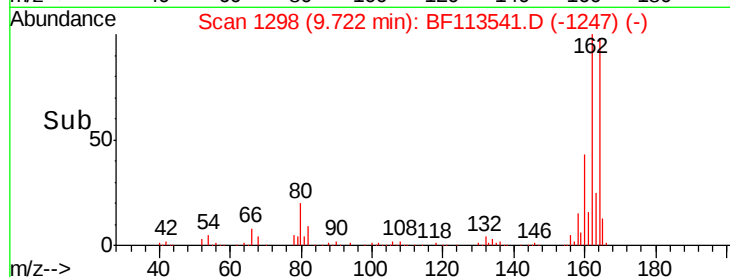
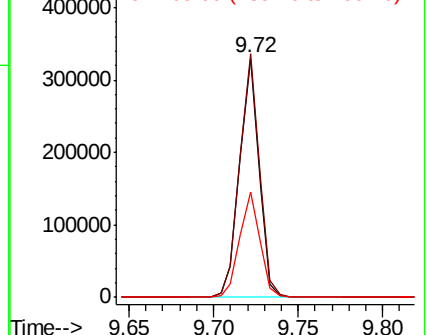
164 100

162 102.0 80.5 120.7

160 44.1 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 11.515 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Tgt Ion:216 Resp: 97287

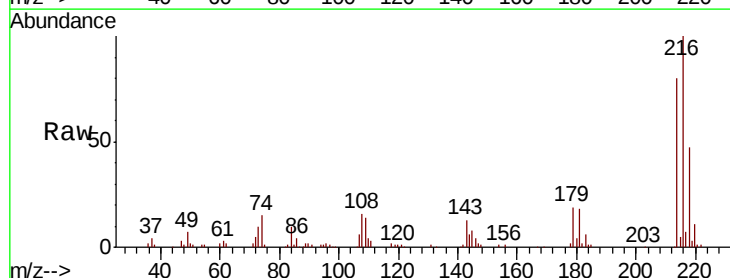
Ion Ratio Lower Upper

216 100

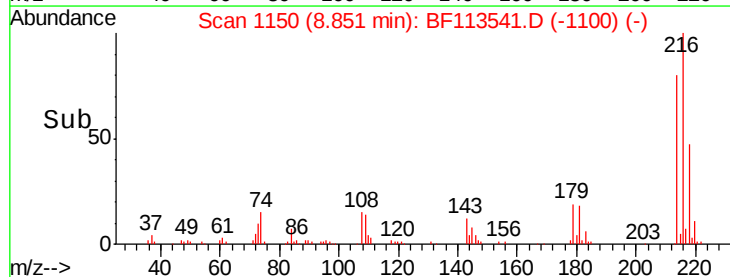
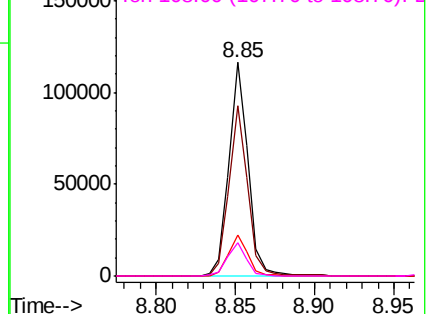
214 78.3 62.7 94.1

179 19.3 16.1 24.1

108 15.7 13.4 20.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 1.944 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Instrument :

BNA_F

ClientSampleId :

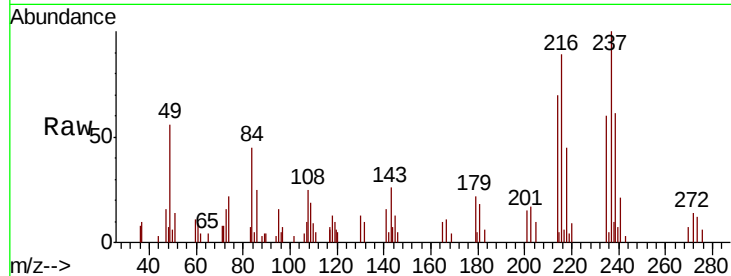
Tot Ion:237 Resp: 6950

Ion Ratio Lower Upper

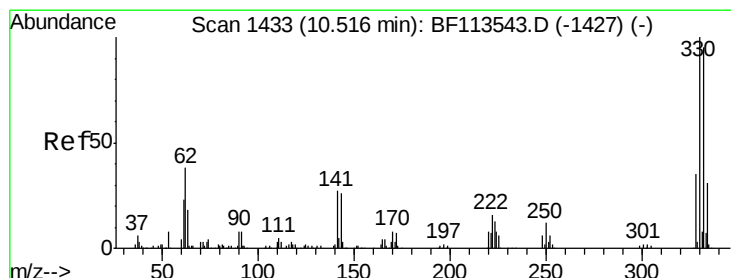
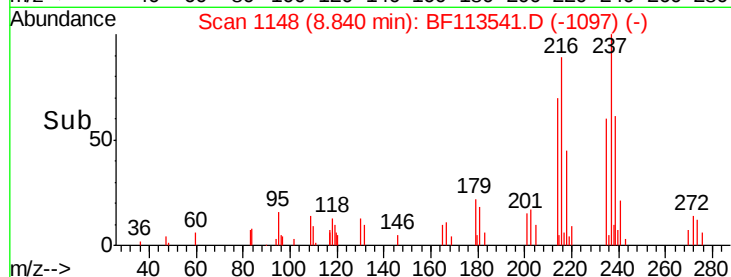
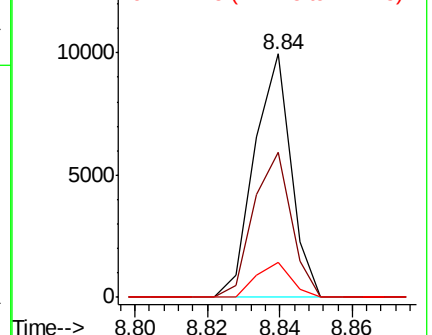
237 100

235 59.7 42.0 82.0

272 14.4 0.0 33.8



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



#42

2,4,6-Tribromophenol

Concen: 22.522 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

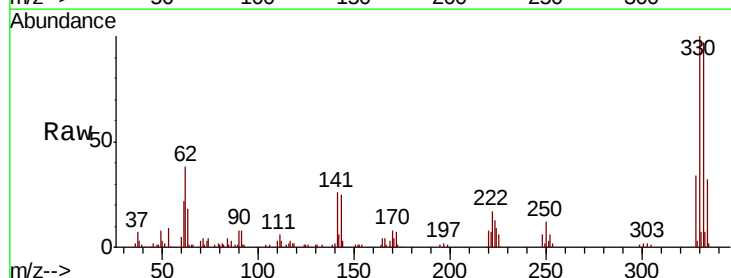
Tgt Ion:330 Resp: 73220

Ion Ratio Lower Upper

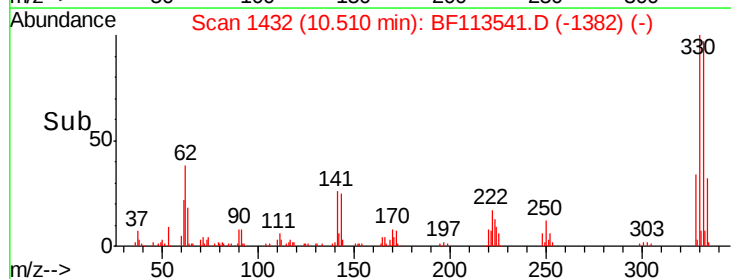
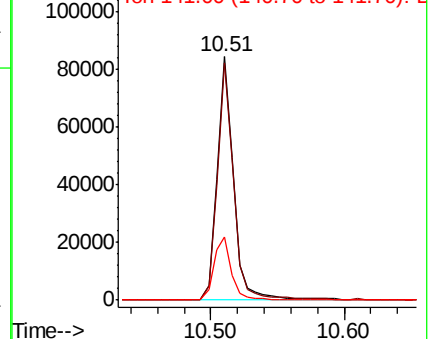
330 100

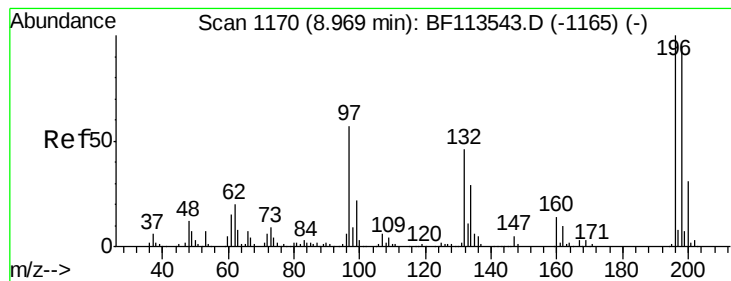
332 96.7 76.4 114.6

141 27.1 21.6 32.4



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





#43

2,4,6-Trichlorophenol

Concen: 10.379 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Instrument :

BNA_F

ClientSampled :

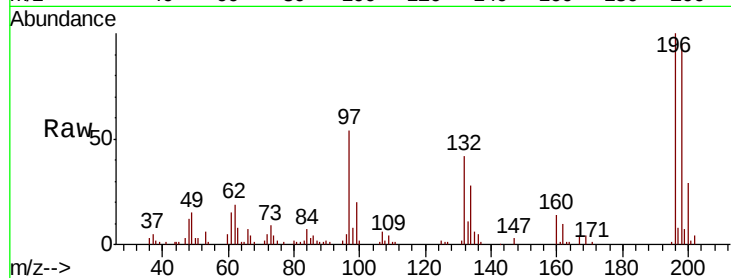
Tot Ion:196 Resp: 57101

Ion Ratio Lower Upper

196 100

198 94.7 76.1 114.1

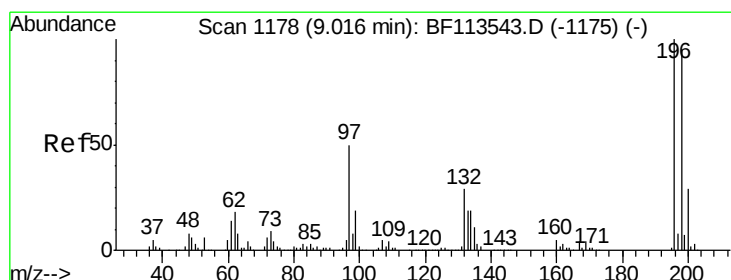
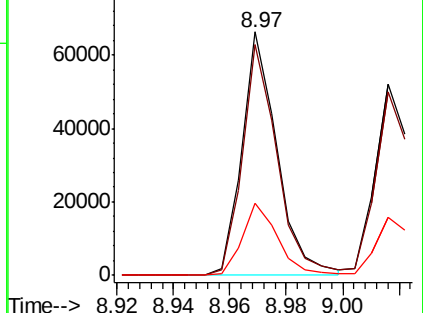
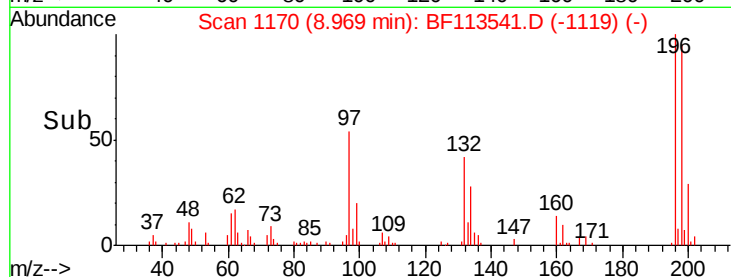
200 29.5 24.4 36.6



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 9.989 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Tgt Ion:196 Resp: 60818

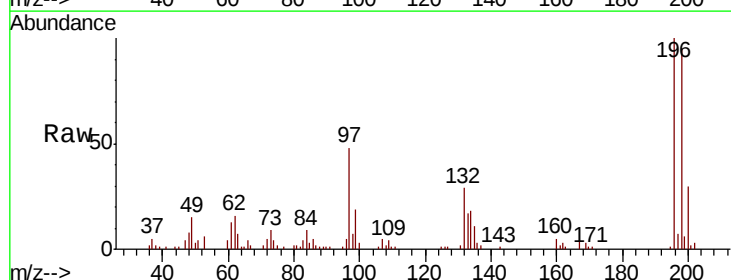
Ion Ratio Lower Upper

196 100

198 95.5 76.0 114.0

97 47.8 40.2 60.4

132 28.8 23.5 35.3

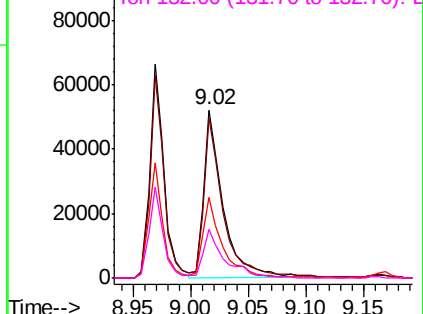
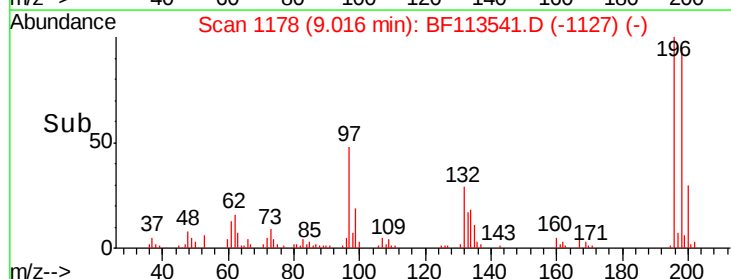


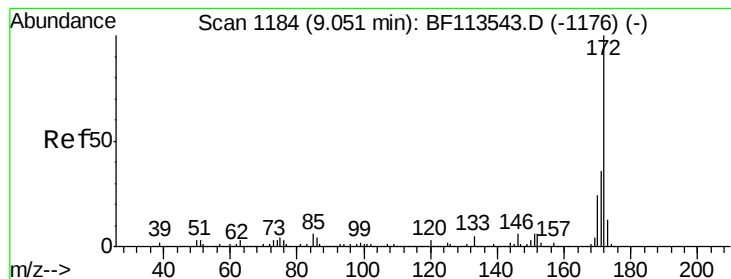
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

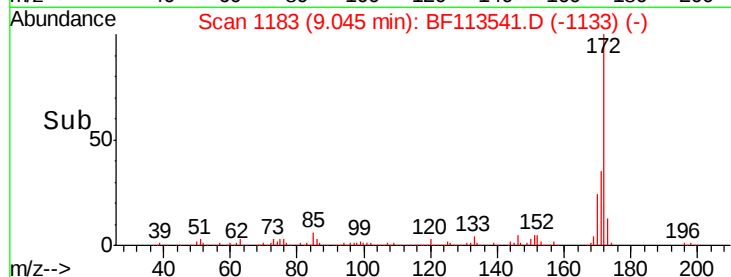
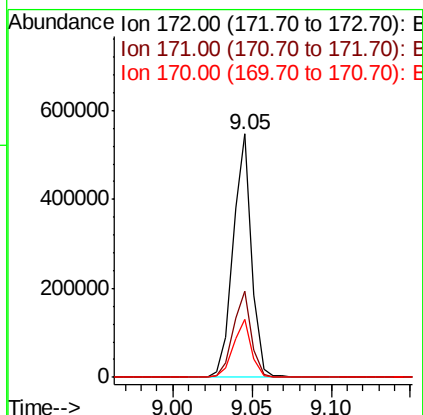
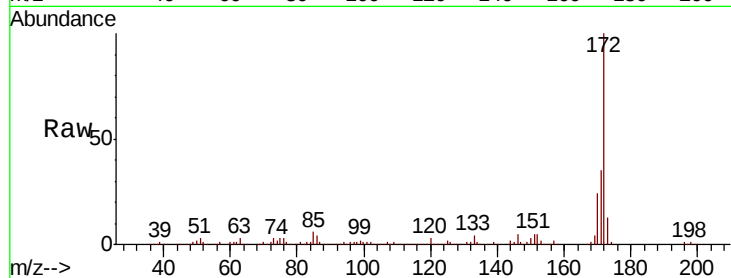




#45
2-Fluorobiphenyl
Concen: 24.533 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

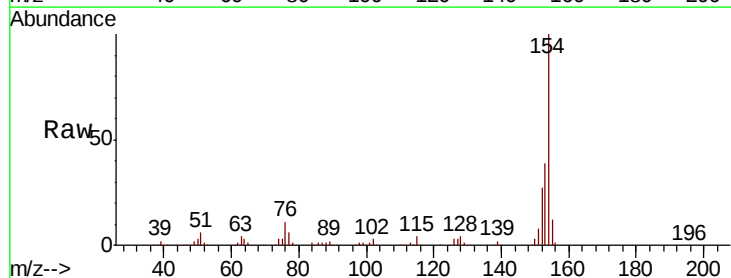
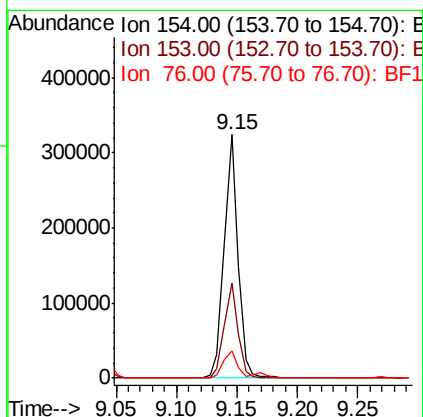
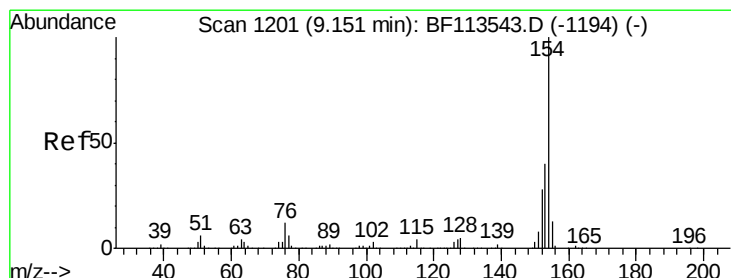
Instrument :
BNA_F
ClientSampleId :

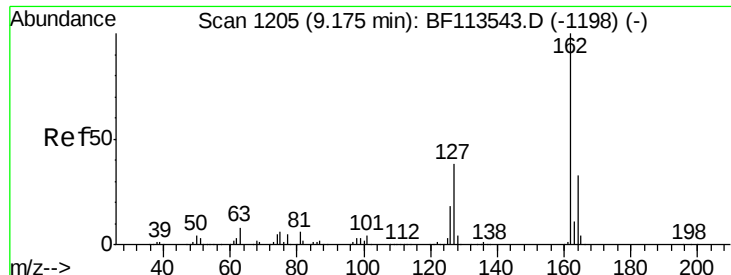
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.6
170	23.7	19.5	29.3



#46
1,1'-Biphenyl
Concen: 11.706 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.9	20.2	60.2
76	11.4	0.0	31.7

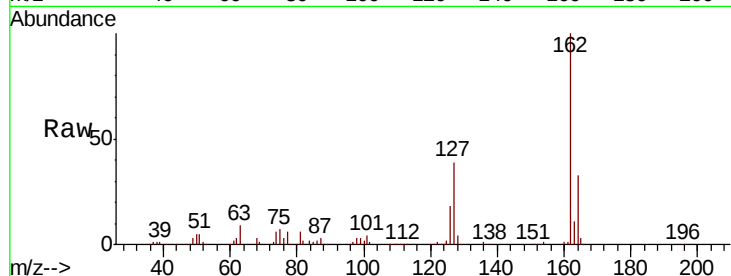




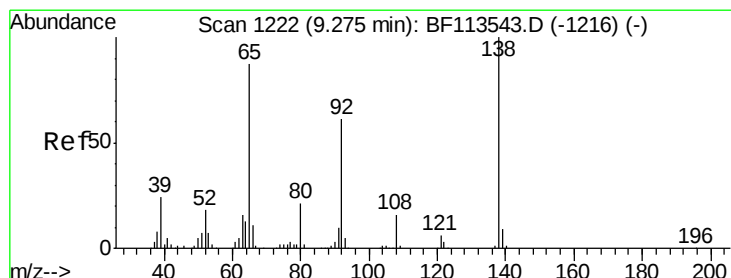
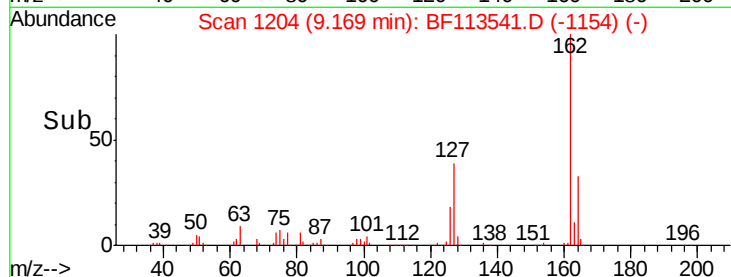
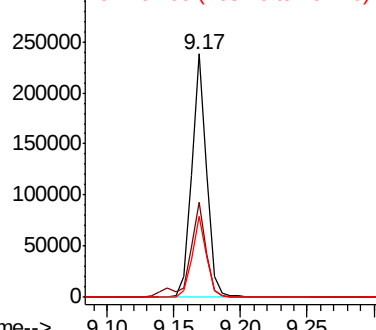
#47
2-Chloronaphthalene
Concen: 11.093 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 187754
Ion Ratio Lower Upper
162 100
127 39.1 31.0 46.4
164 33.3 26.6 40.0

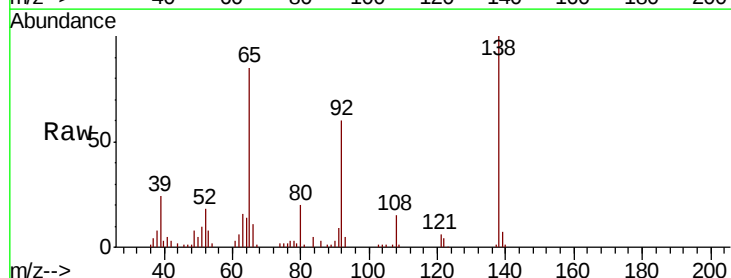


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

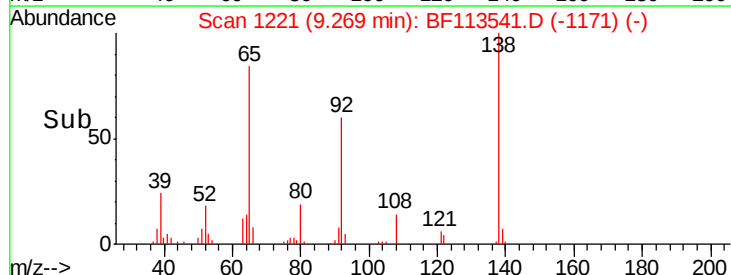
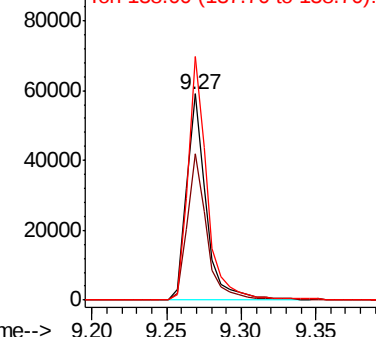


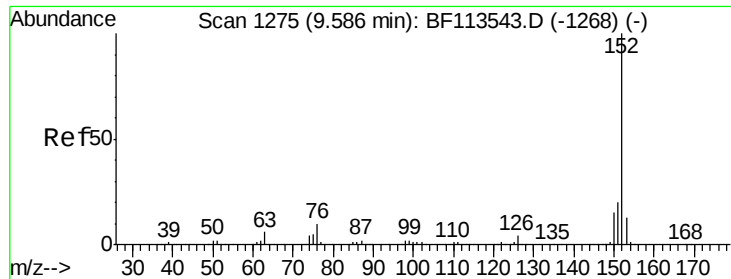
#48
2-Nitroaniline
Concen: 10.144 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Tgt Ion: 65 Resp: 53878
Ion Ratio Lower Upper
65 100
92 71.3 56.0 84.0
138 118.2 92.1 138.1



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: 11.747 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Instrument :

BNA_F

ClientSampled :

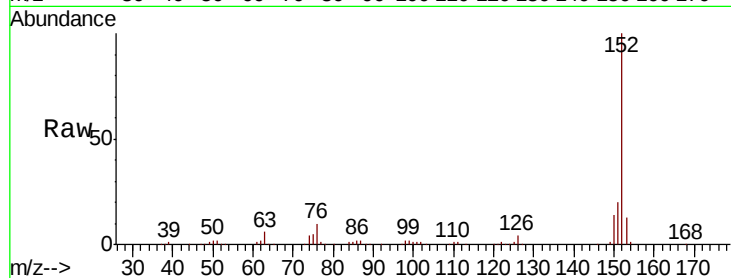
Tot Ion:152 Resp: 321453

Ion Ratio Lower Upper

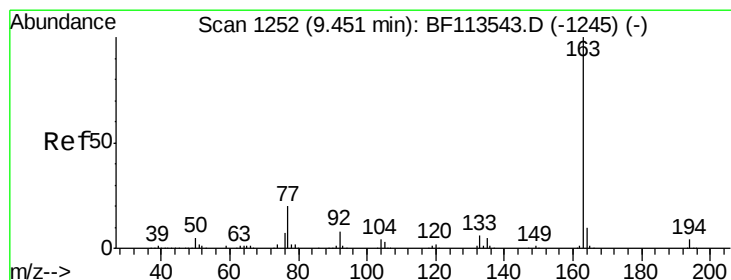
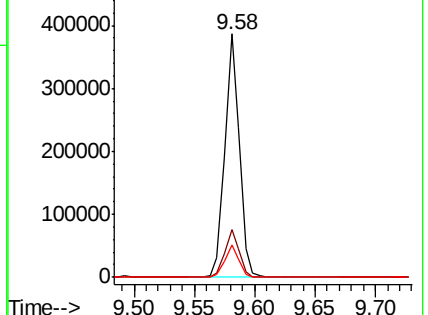
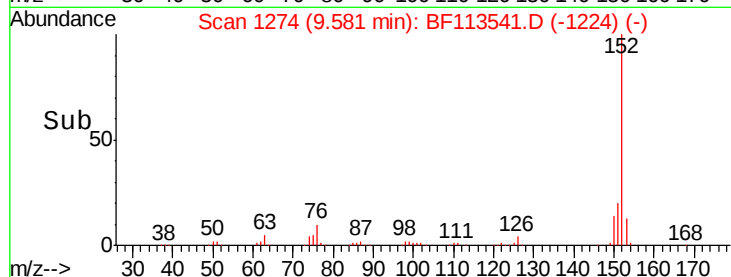
152 100

151 19.6 16.3 24.5

153 13.1 10.8 16.2



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: 11.014 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

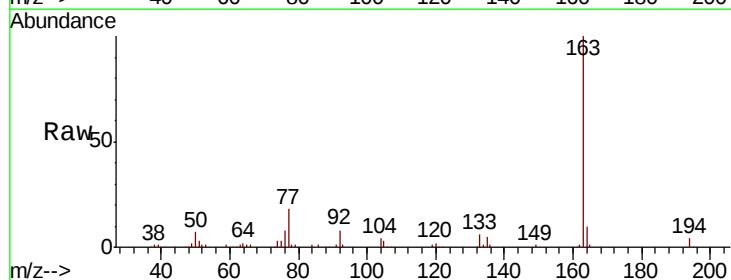
Tgt Ion:163 Resp: 214832

Ion Ratio Lower Upper

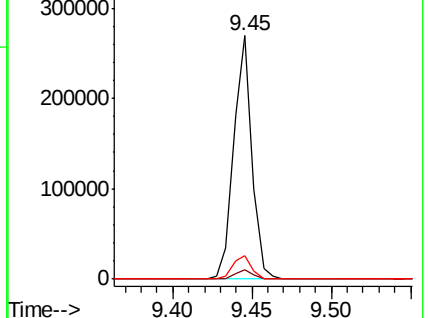
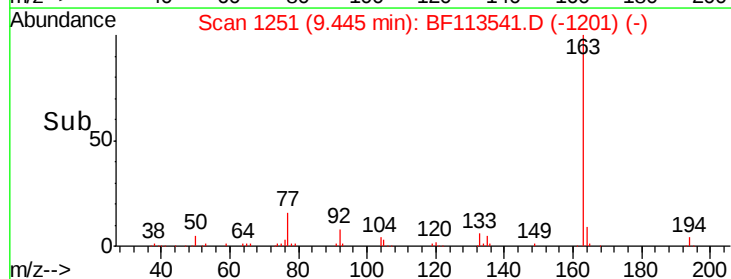
163 100

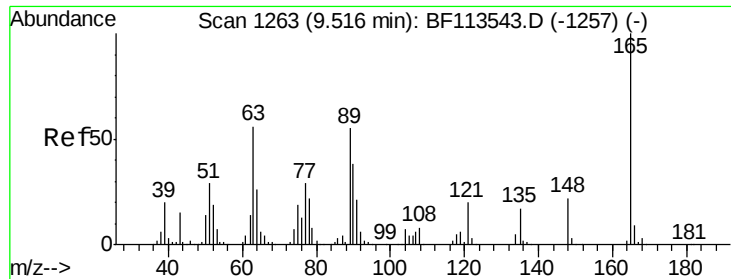
194 3.9 3.1 4.7

164 9.5 8.2 12.4



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

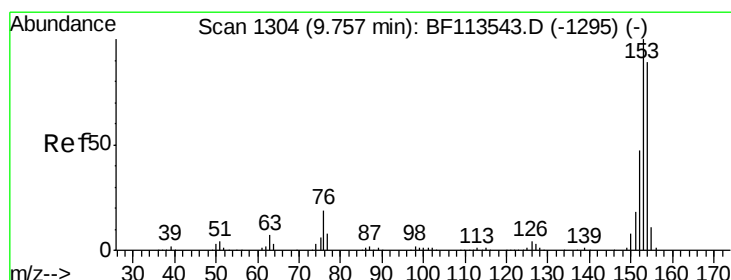
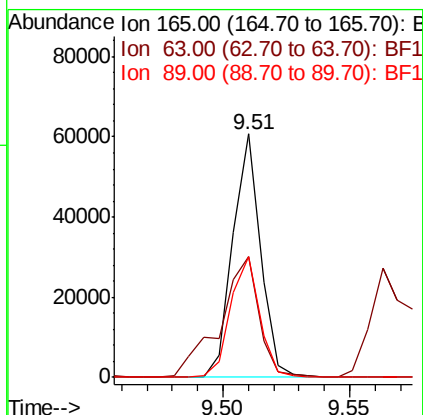
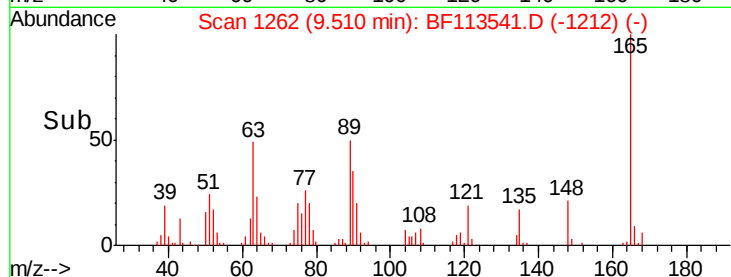
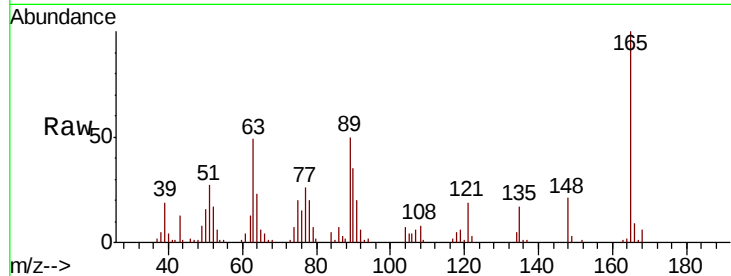




#51
2,6-Dinitrotoluene
Concen: 10.441 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

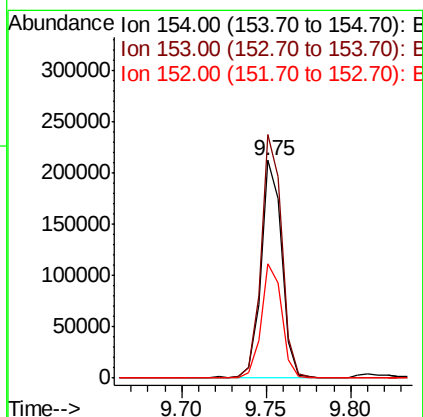
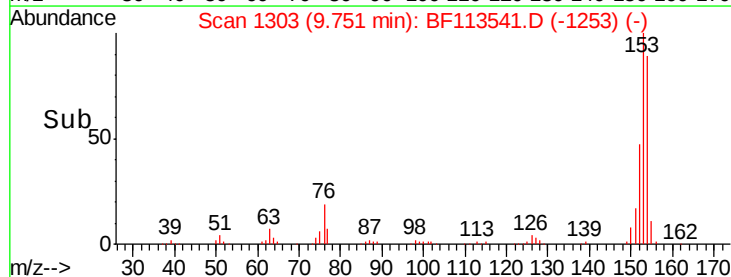
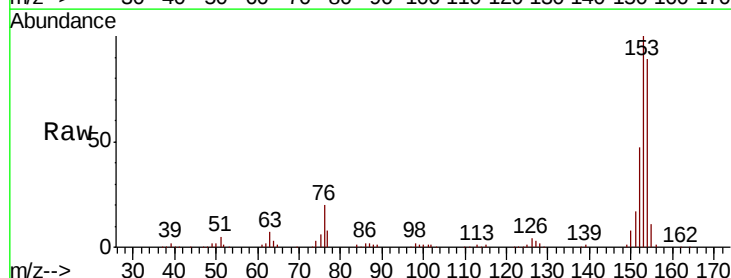
Instrument :
BNA_F
ClientSampled :

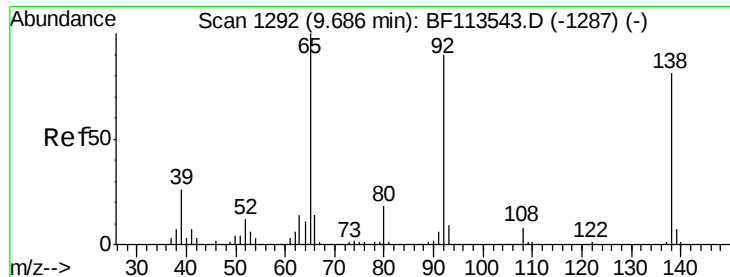
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.5	45.1	67.7
89	49.8	43.9	65.9



#52
Acenaphthene
Concen: 11.774 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.8	134.8
152	52.6	42.5	63.7

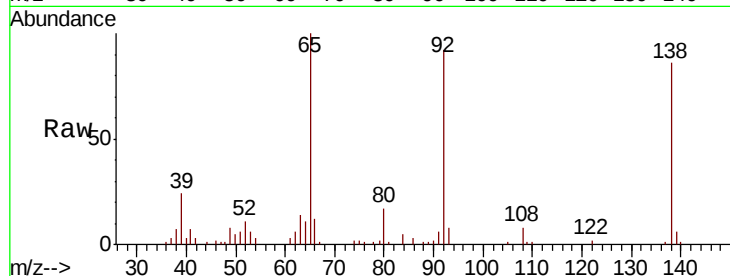




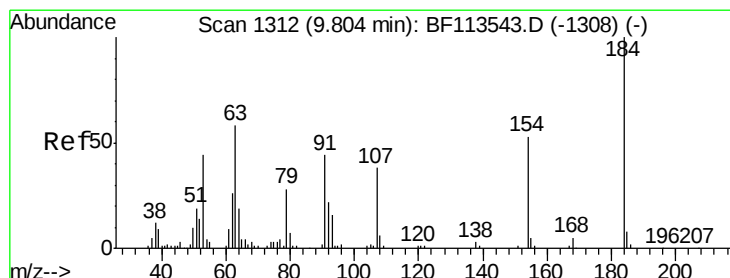
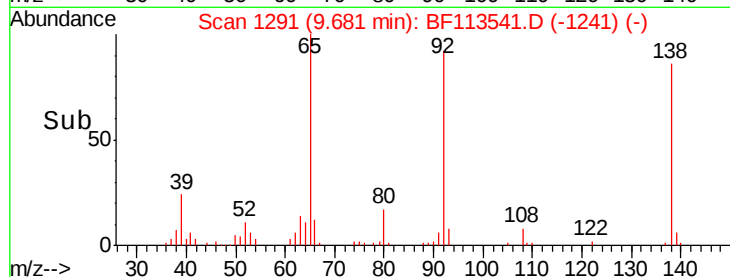
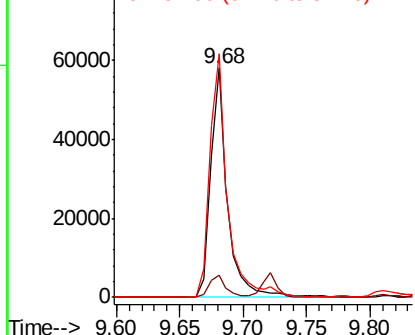
#53
3-Nitroaniline
Concen: 10.896 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 54066
Ion Ratio Lower Upper
138 100
108 9.5 7.6 11.4
92 106.3 89.0 133.6

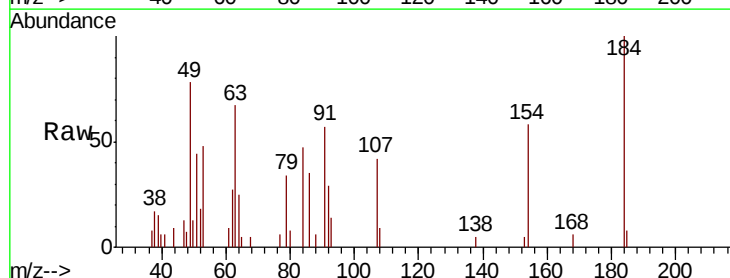


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

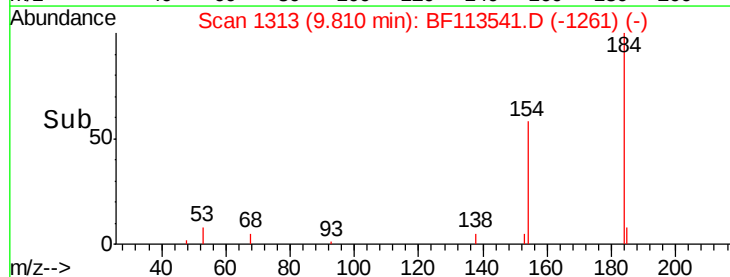
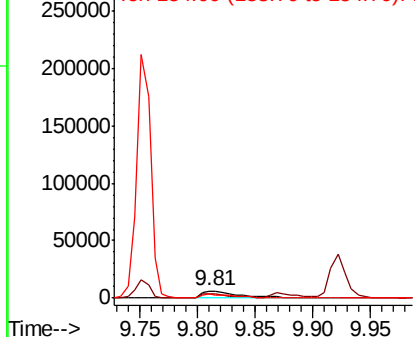


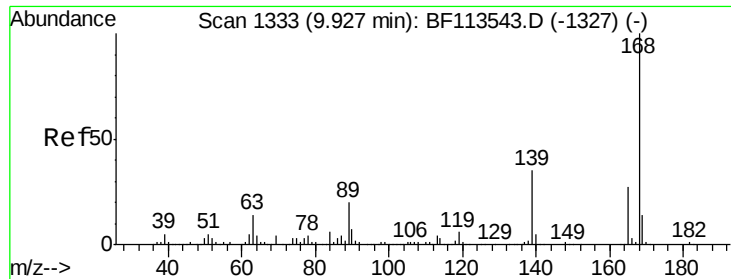
#54
2,4-Dinitrophenol
Concen: 6.566 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Tgt Ion:184 Resp: 14370
Ion Ratio Lower Upper
184 100
63 66.6 46.4 69.6
154 58.0 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

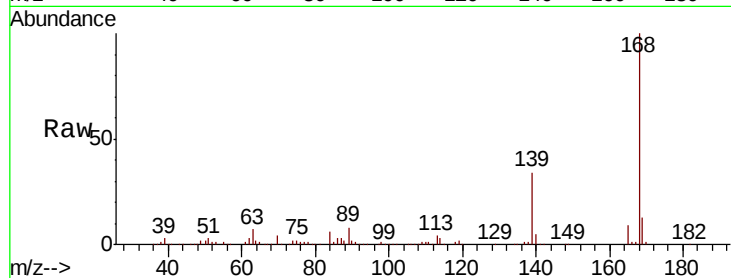




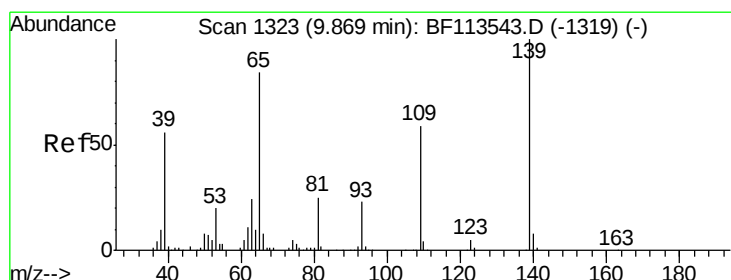
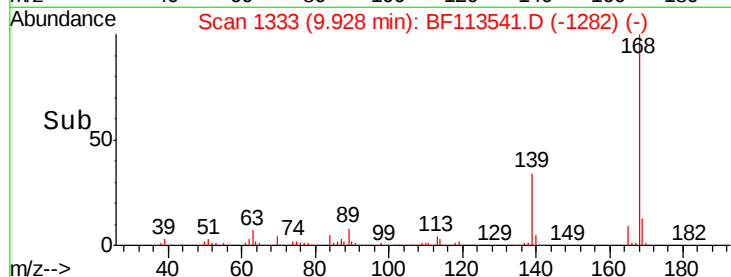
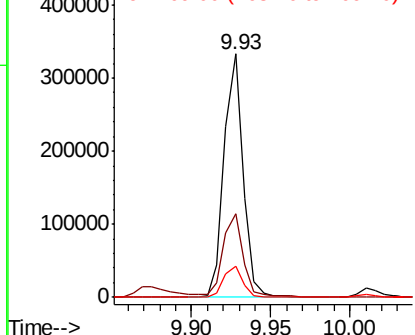
#55
Dibenzenofuran
Concen: 11.968 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 277273
Ion Ratio Lower Upper
168 100
139 34.3 29.3 43.9
169 12.9 11.1 16.7

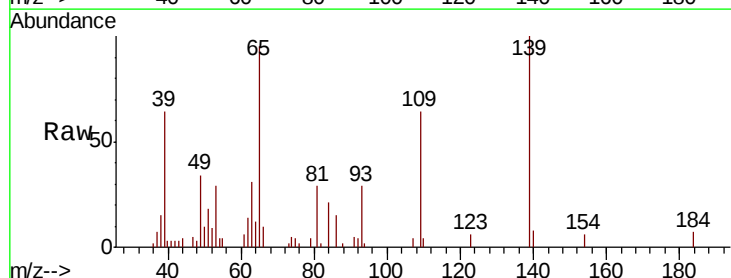


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

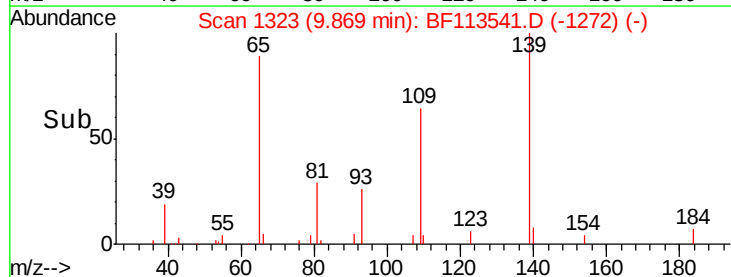
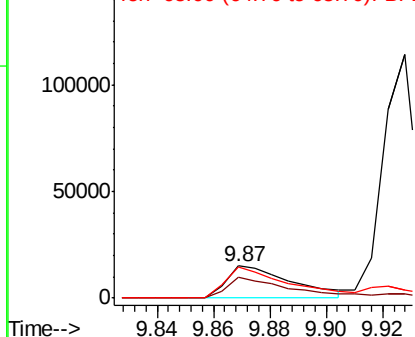


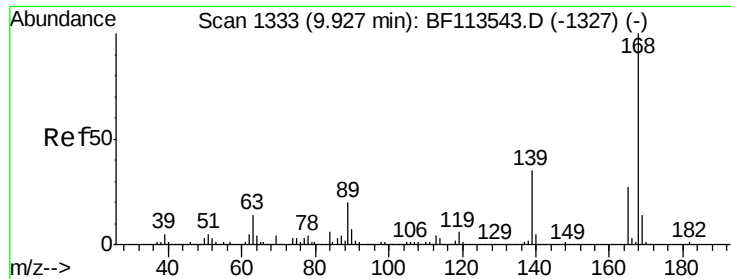
#56
4-Nitrophenol
Concen: 6.808 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Tgt Ion:139 Resp: 24084
Ion Ratio Lower Upper
139 100
109 64.4 38.9 78.9
65 94.7 64.4 104.4



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

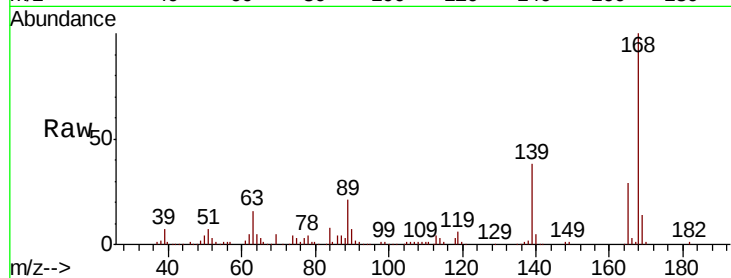




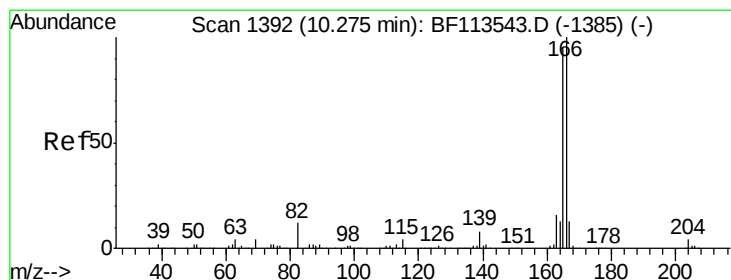
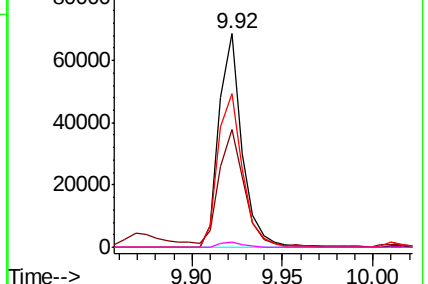
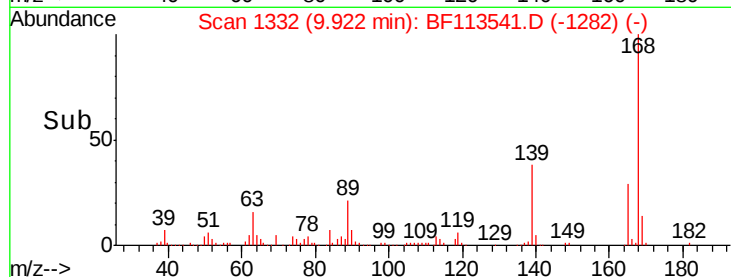
#57
2,4-Dinitrotoluene
Concen: 10.821 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 60553
Ion Ratio Lower Upper
165 100
63 55.2 44.7 67.1
89 72.0 60.4 90.6
182 2.4 1.9 2.9

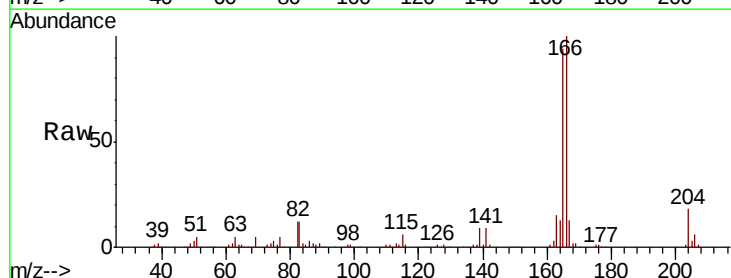


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

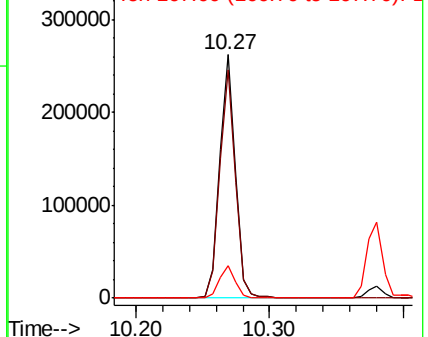
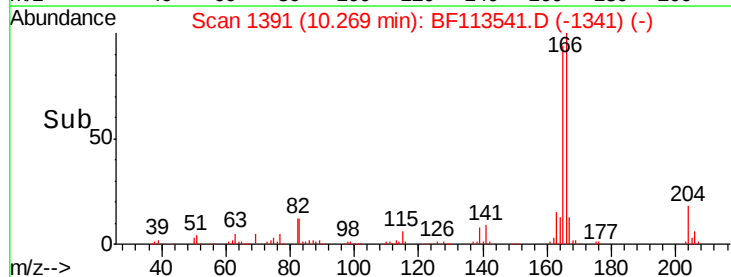


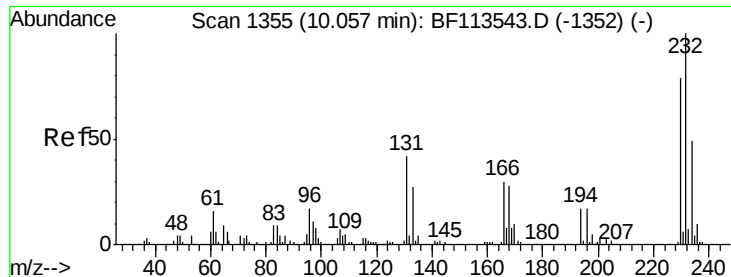
#58
Fluorene
Concen: 12.157 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Tgt Ion:166 Resp: 218801
Ion Ratio Lower Upper
166 100
165 94.0 75.9 113.9
167 13.4 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

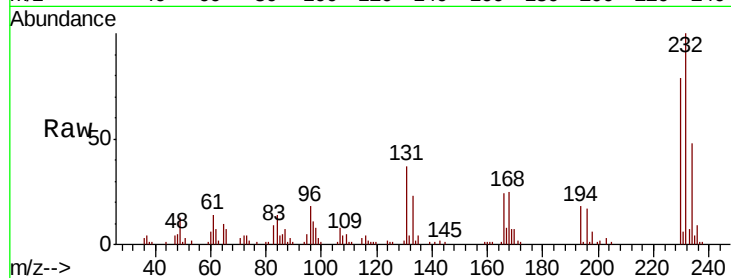




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.297 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.05 min
 Lab File: BF113541.D
 Acq: 3 Apr 2019 11:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.8	33.6	50.4
130	1.5	1.4	2.2
166	23.5	22.4	33.6



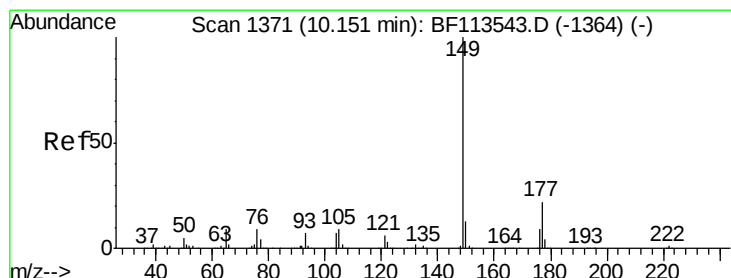
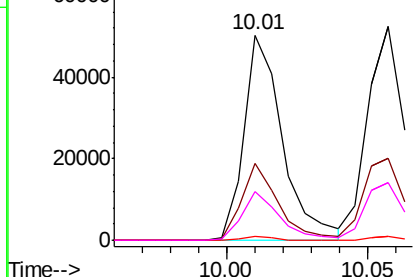
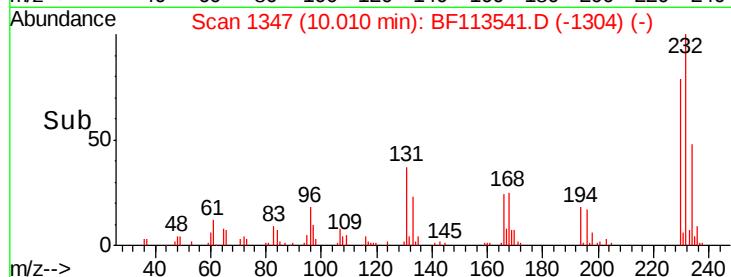
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

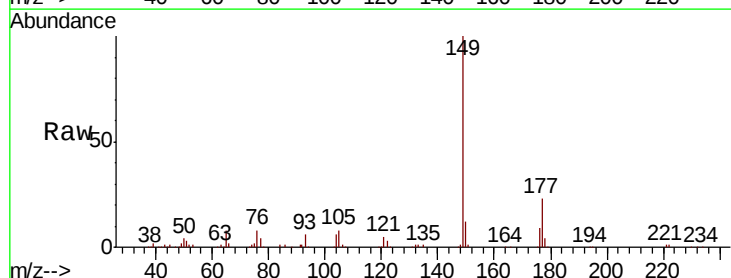
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 11.262 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF113541.D
 Acq: 3 Apr 2019 11:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.5	26.3
150	11.9	10.1	15.1

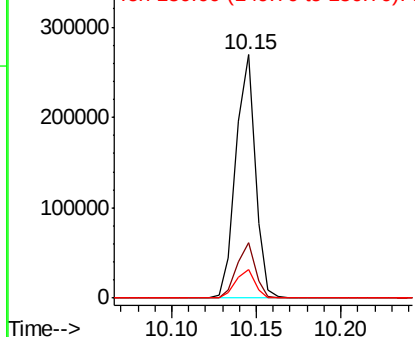
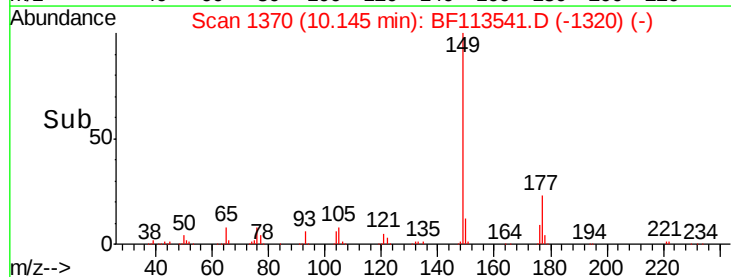


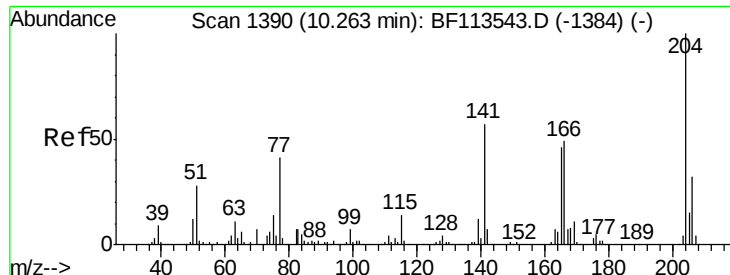
Abundance

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

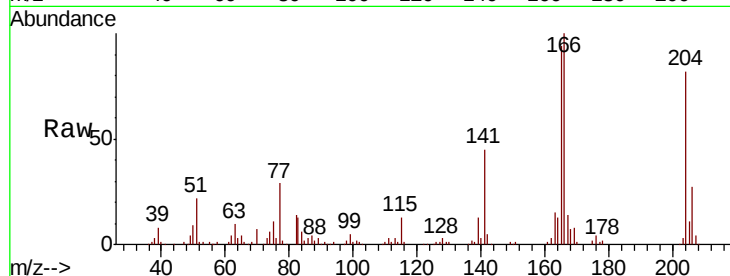




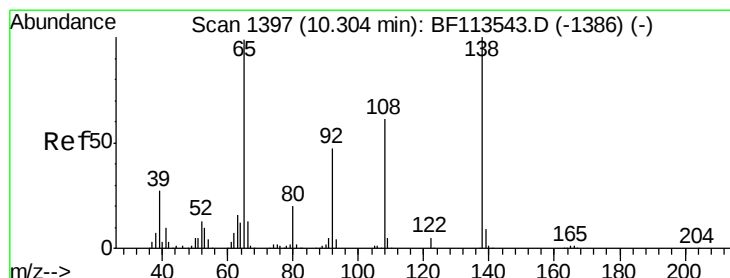
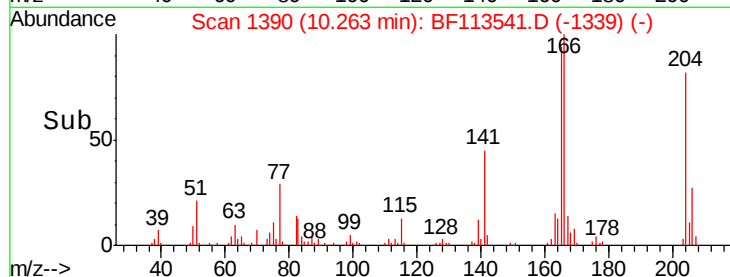
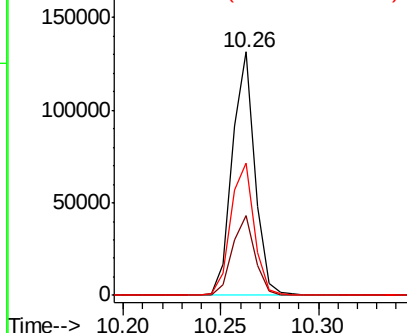
#61
4-Chlorophenyl-phenylether
Concen: 12.034 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 105559
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 54.4 45.6 68.4

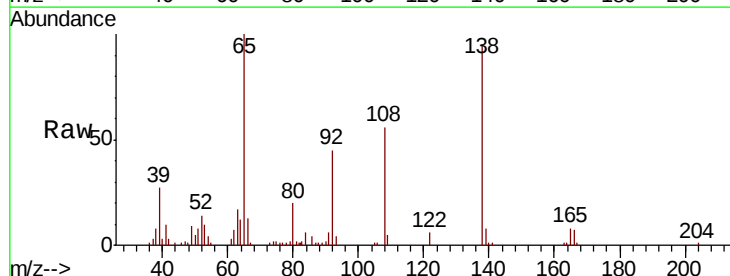


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

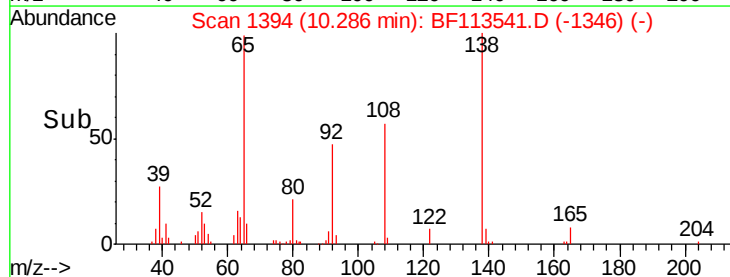
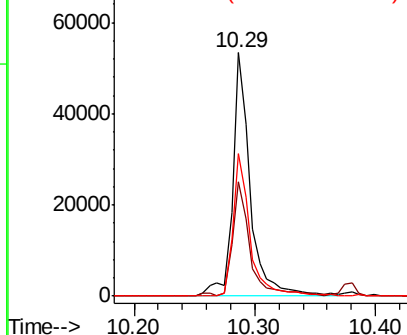


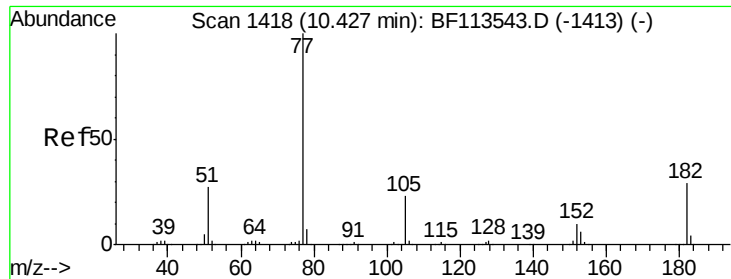
#62
4-Nitroaniline
Concen: 10.649 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Tgt Ion:138 Resp: 54404
Ion Ratio Lower Upper
138 100
92 47.1 26.8 66.8
108 58.4 40.8 80.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 11.236 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 202367

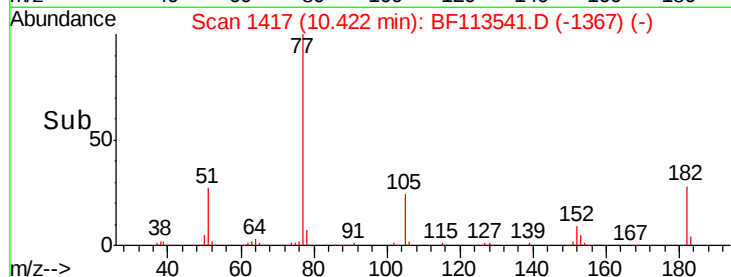
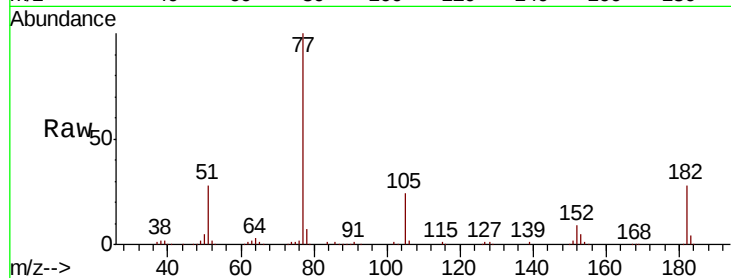
Ion Ratio Lower Upper

77 100

182 27.8 9.1 49.1

105 24.4 3.4 43.4

51 28.1 7.7 47.7

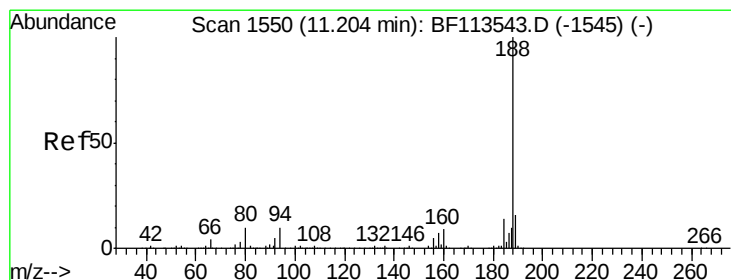
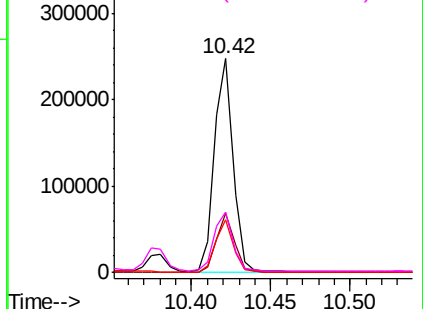


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

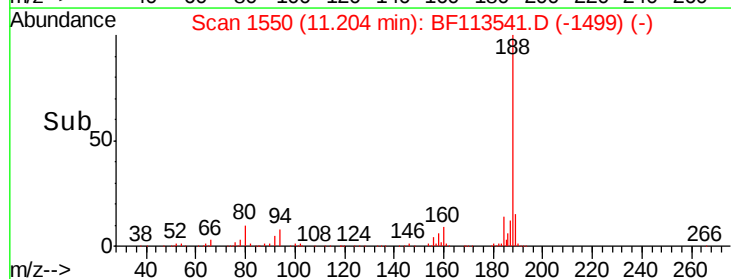
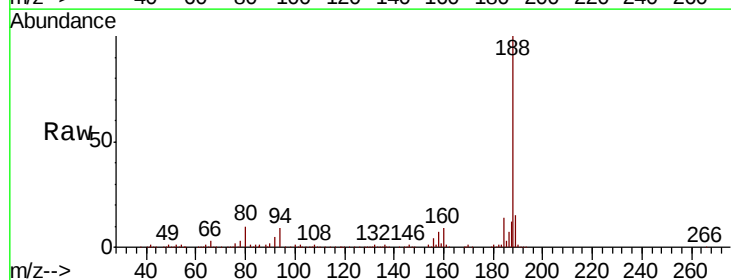
Tgt Ion: 188 Resp: 531310

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

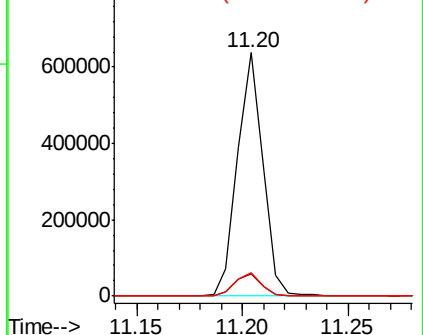
80 9.6 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

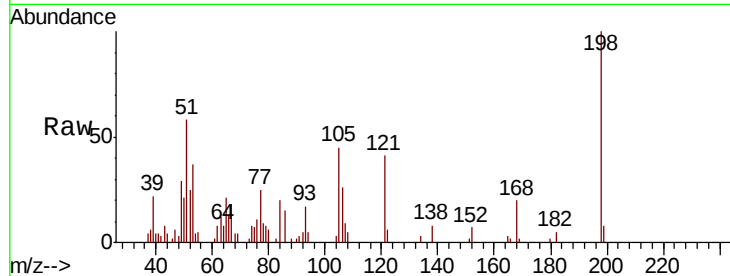




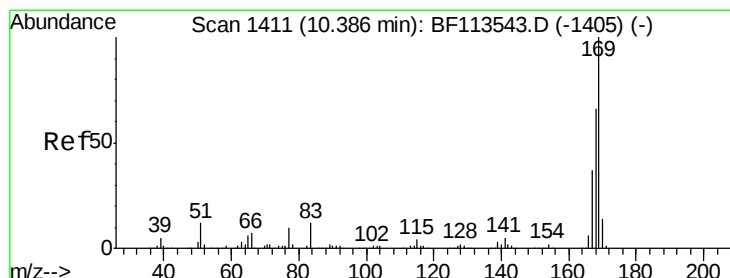
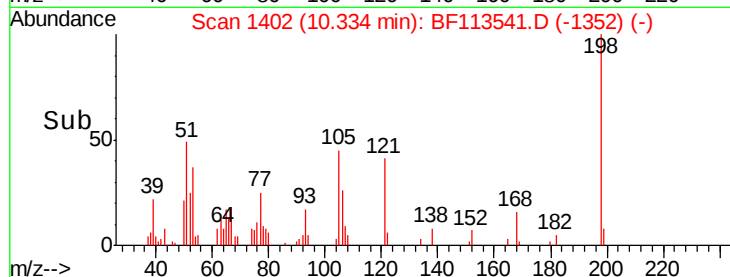
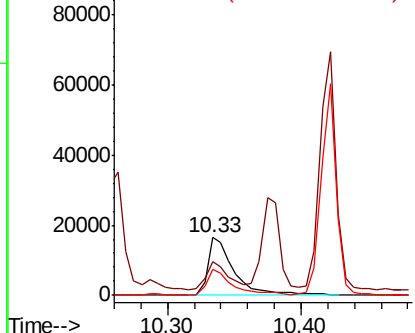
#65
4,6-Dinitro-2-methylphenol
Concen: 7.810 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 22699
Ion Ratio Lower Upper
198 100
51 57.8 31.0 71.0
105 44.7 26.1 66.1

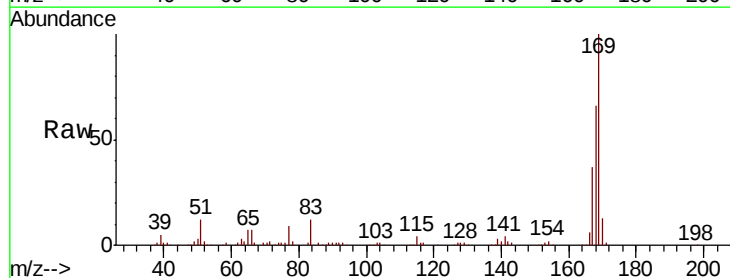


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

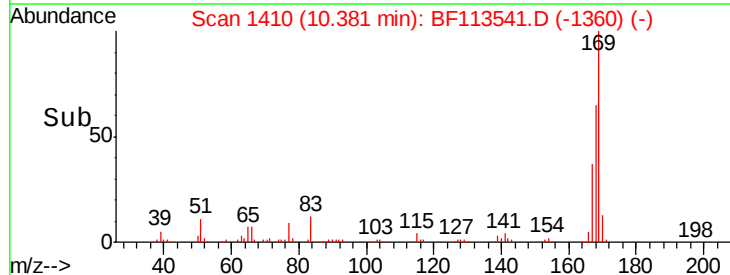
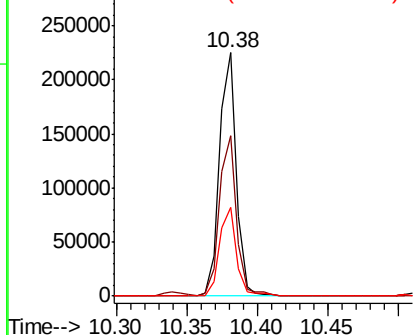


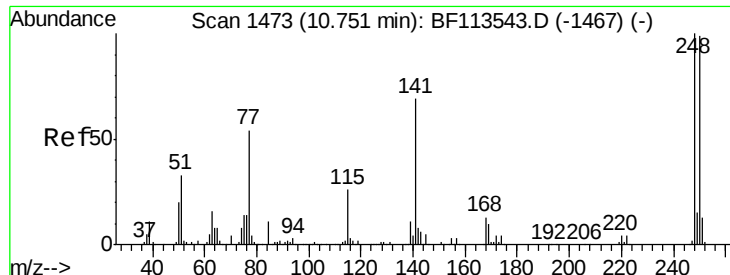
#66
n-Nitrosodiphenylamine
Concen: 11.452 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Tgt Ion:169 Resp: 186708
Ion Ratio Lower Upper
169 100
168 65.8 53.7 80.5
167 36.5 29.6 44.4



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

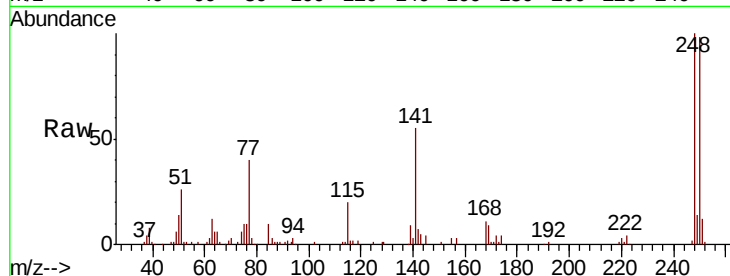




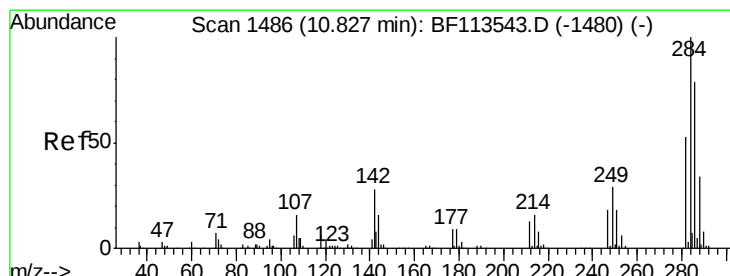
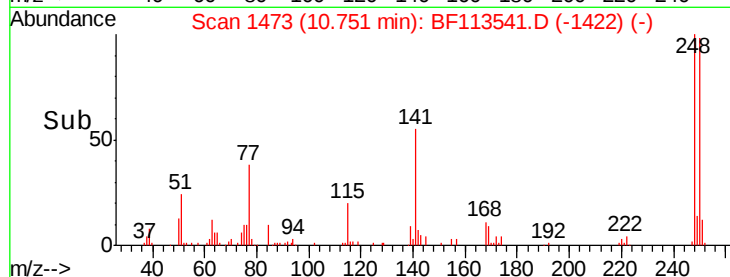
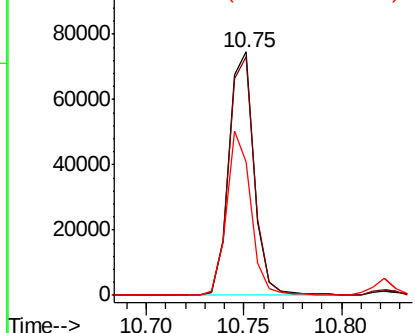
#67
 4-Bromophenyl-phenylether
 Concen: 11.572 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF113541.D
 Acq: 3 Apr 2019 11:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 67010
 Ion Ratio Lower Upper
 248 100
 250 97.8 78.9 118.3
 141 54.8 55.0 82.4#

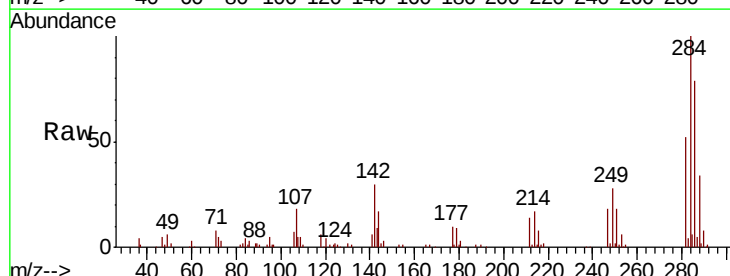


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

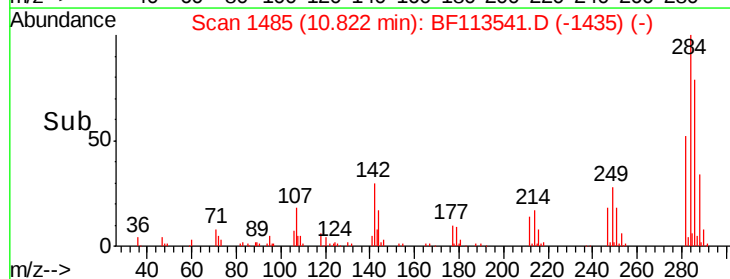
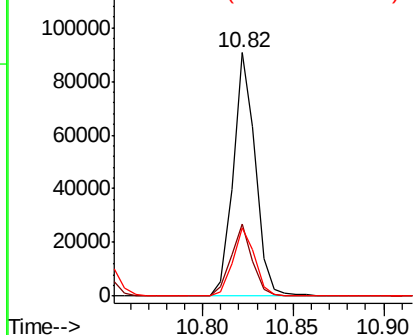


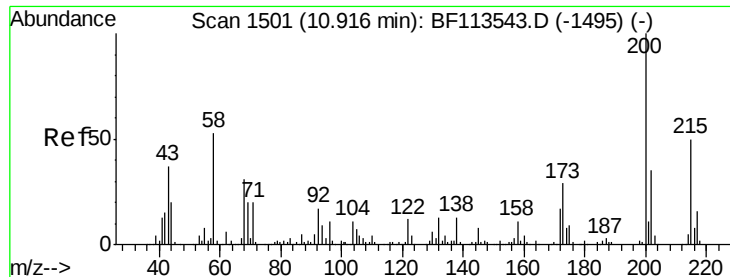
#68
 Hexachlorobenzene
 Concen: 11.456 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF113541.D
 Acq: 3 Apr 2019 11:31

Tgt Ion:284 Resp: 77005
 Ion Ratio Lower Upper
 284 100
 142 29.9 22.5 33.7
 249 28.2 22.9 34.3



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

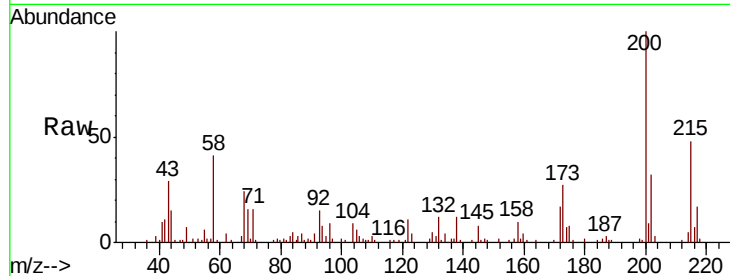




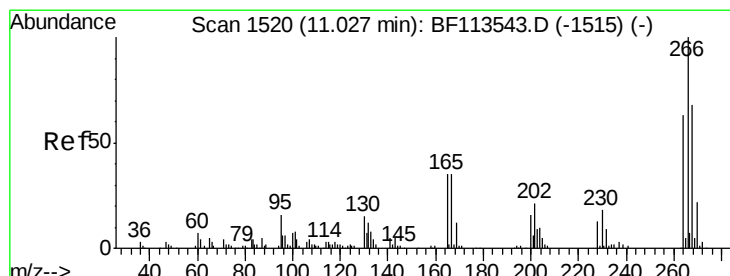
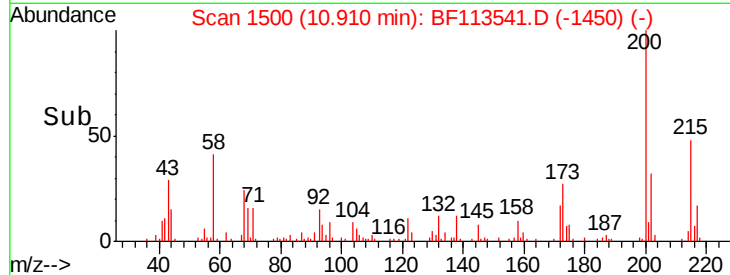
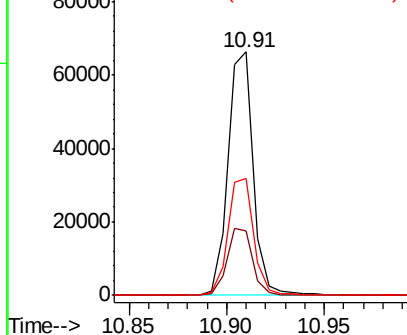
#69
Atrazine
Concen: 11.517 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 59266
Ion Ratio Lower Upper
200 100
173 26.7 8.7 48.7
215 47.8 29.6 69.6

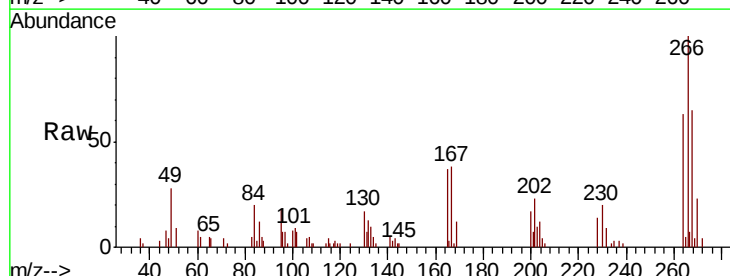


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

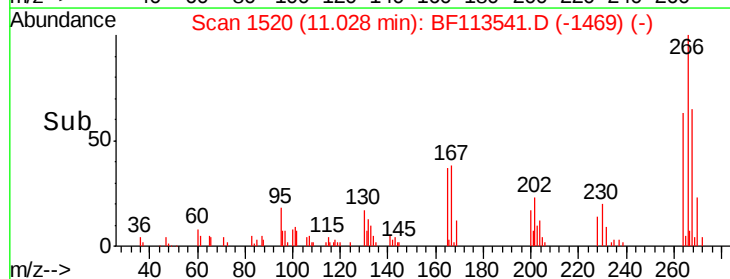
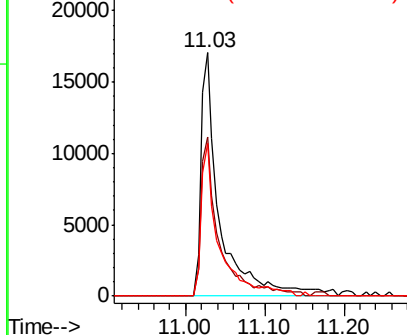


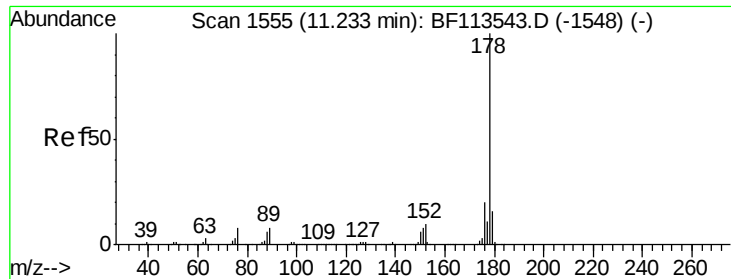
#70
Pentachlorophenol
Concen: 8.138 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Tgt Ion:266 Resp: 28501
Ion Ratio Lower Upper
266 100
268 65.4 54.7 82.1
264 62.9 50.0 75.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 11.936 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Instrument :

BNA_F

ClientSampled :

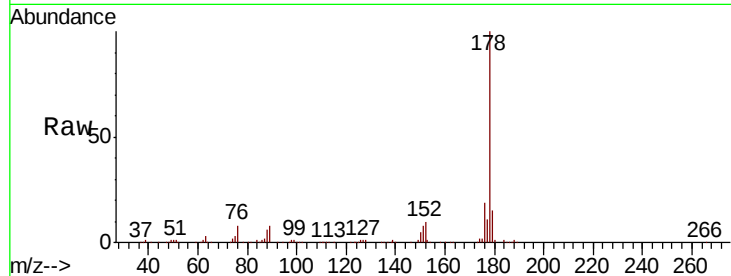
Tot Ion:178 Resp: 314922

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

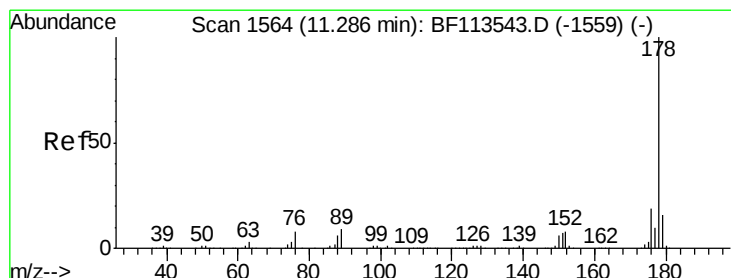
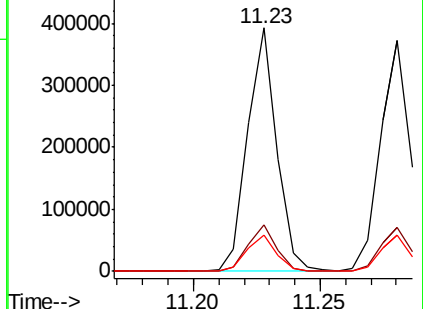
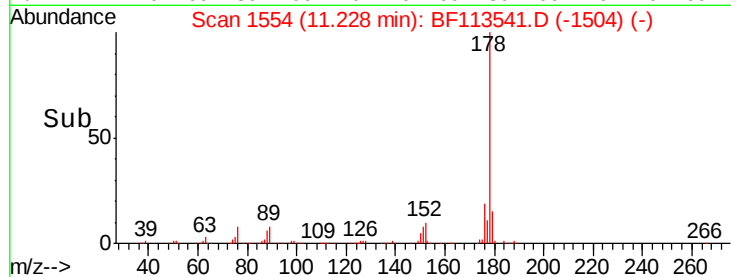
179 15.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 11.977 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

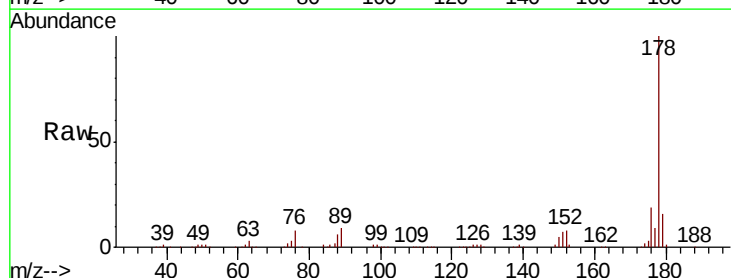
Tgt Ion:178 Resp: 320974

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

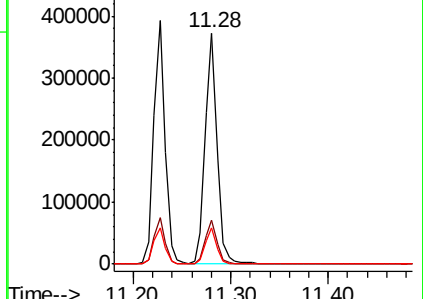
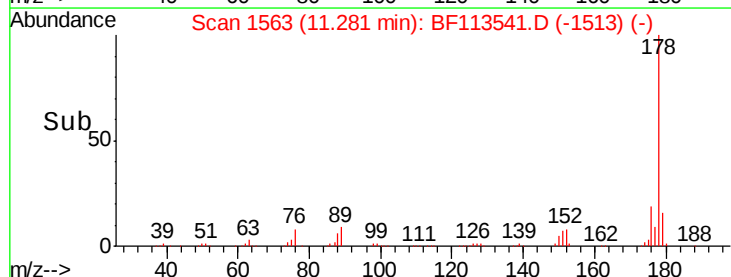
179 15.5 12.5 18.7

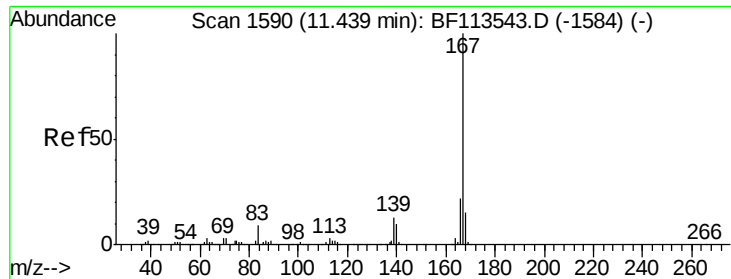


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 11.791 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Instrument :

BNA_F

ClientSampleId :

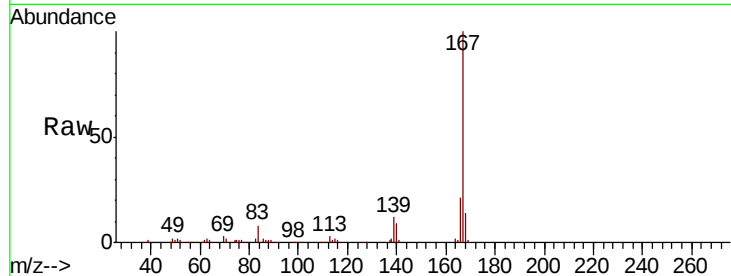
Tot Ion:167 Resp: 301520

Ion Ratio Lower Upper

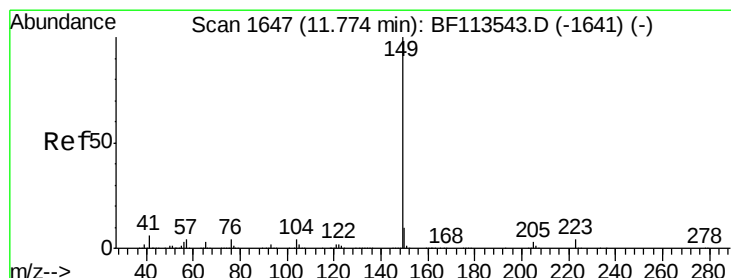
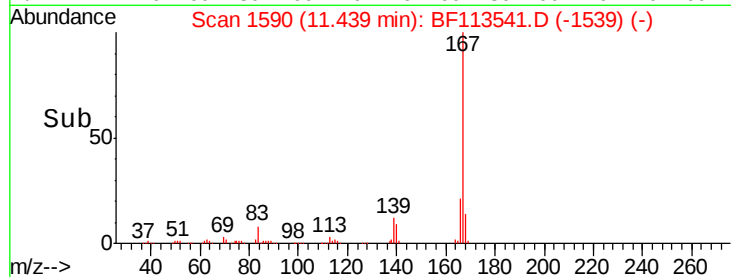
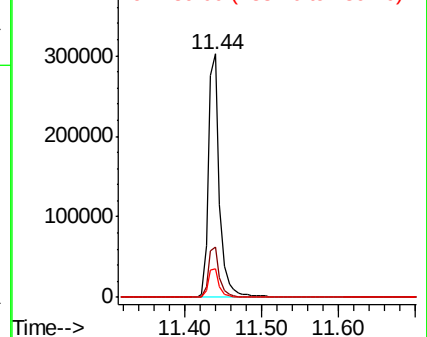
167 100

166 20.9 17.4 26.0

139 11.8 10.3 15.5



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 11.835 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

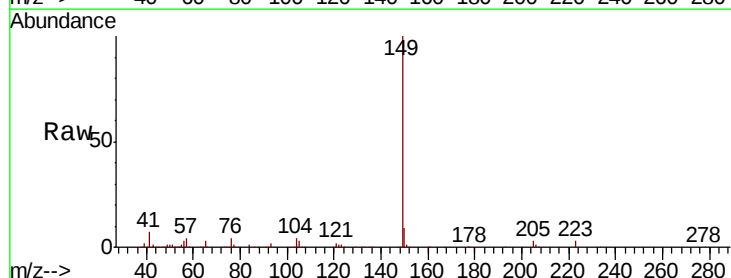
Tgt Ion:149 Resp: 350967

Ion Ratio Lower Upper

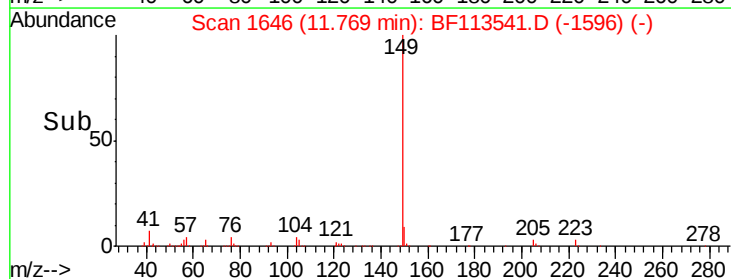
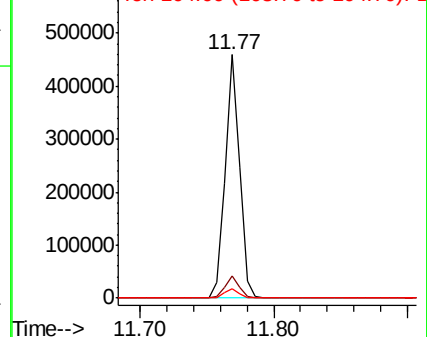
149 100

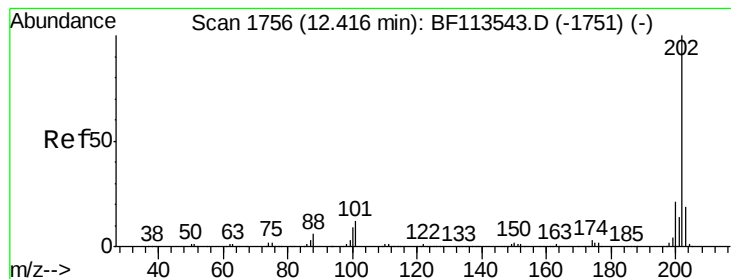
150 9.2 7.6 11.4

104 3.9 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 11.633 ng

RT: 12.42 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Instrument :

BNA_F

ClientSampleId :

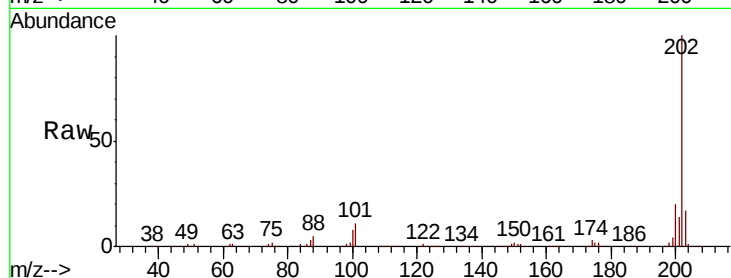
Tot Ion:202 Resp: 346999

Ion Ratio Lower Upper

202 100

101 10.5 0.0 32.2

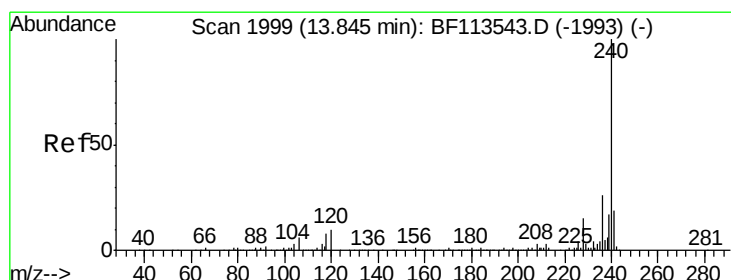
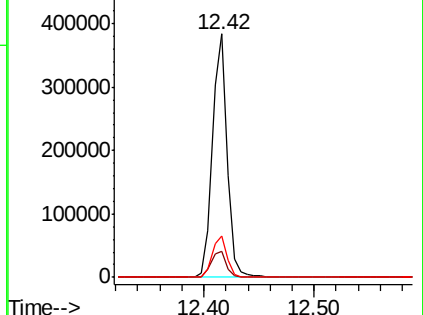
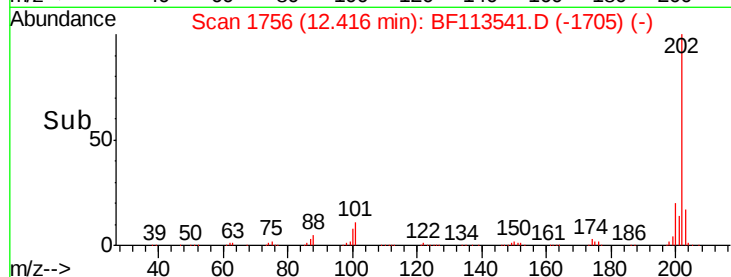
203 17.2 0.0 38.6



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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

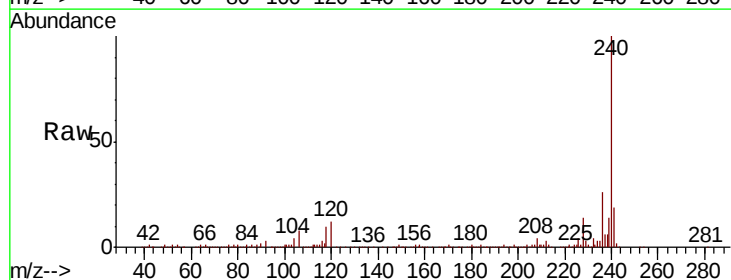
Tgt Ion:240 Resp: 443172

Ion Ratio Lower Upper

240 100

120 11.7 8.0 12.0

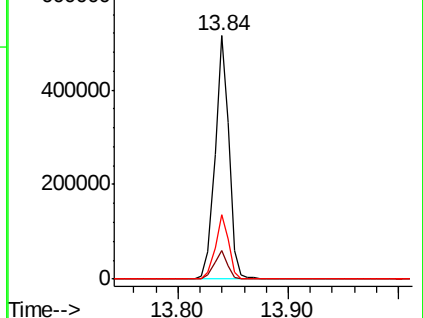
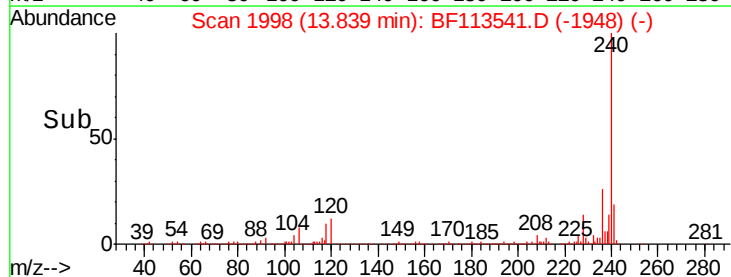
236 26.2 20.9 31.3

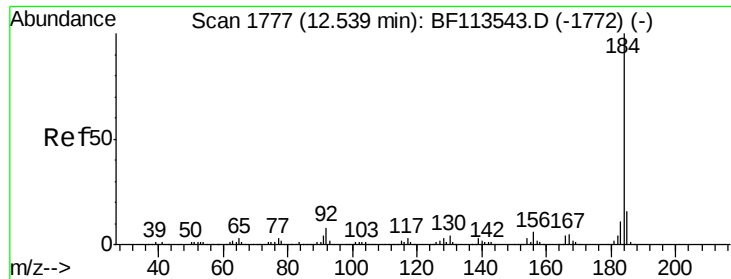


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.840 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Instrument :

BNA_F

ClientSampleId :

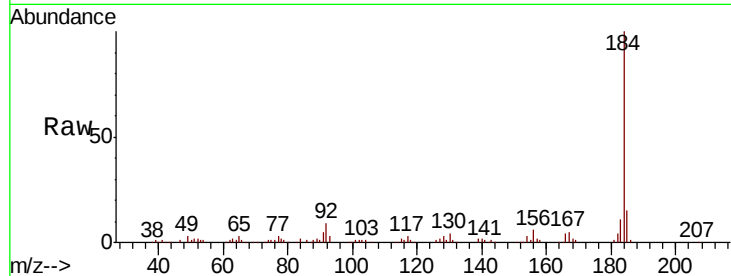
Tot Ion:184 Resp: 183963

Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.6

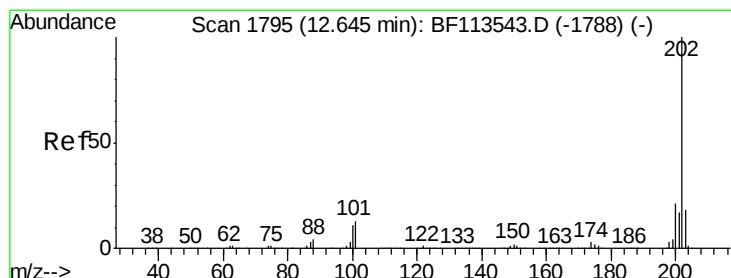
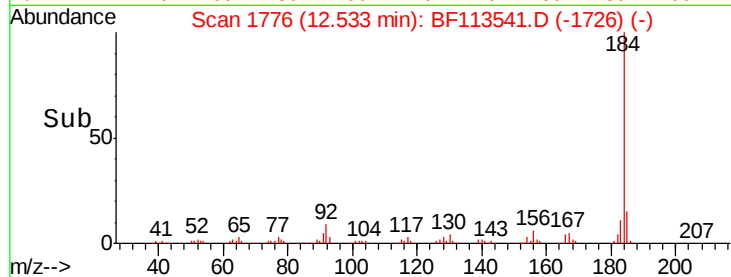
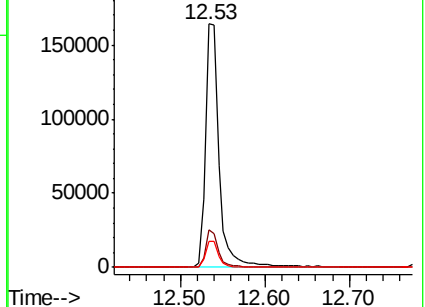
183 10.6 8.7 13.1



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: 11.543 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

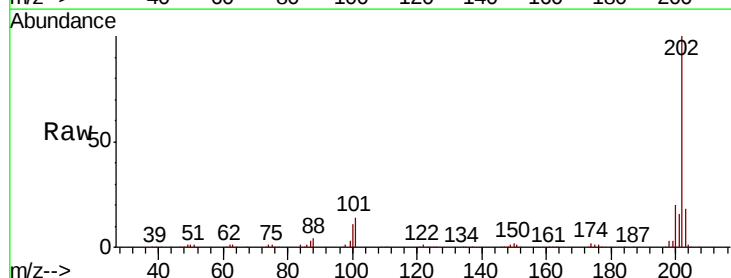
Tgt Ion:202 Resp: 354493

Ion Ratio Lower Upper

202 100

200 20.3 16.8 25.2

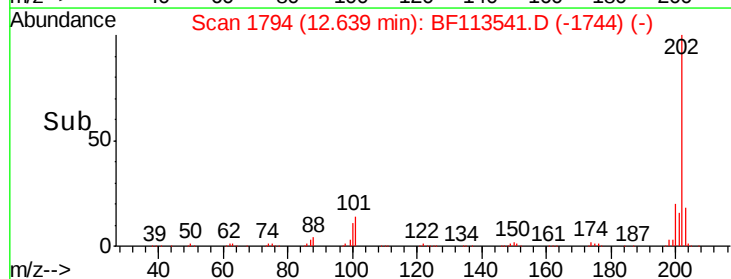
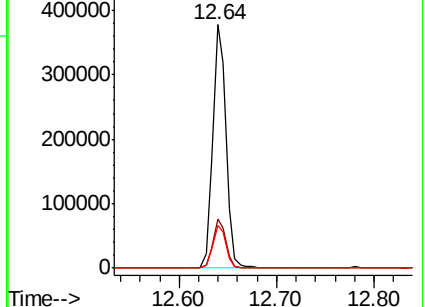
203 17.7 14.6 21.8

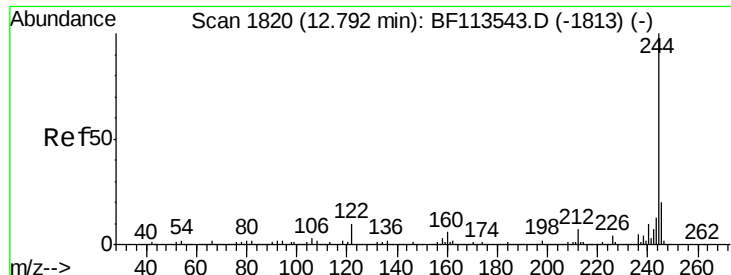


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

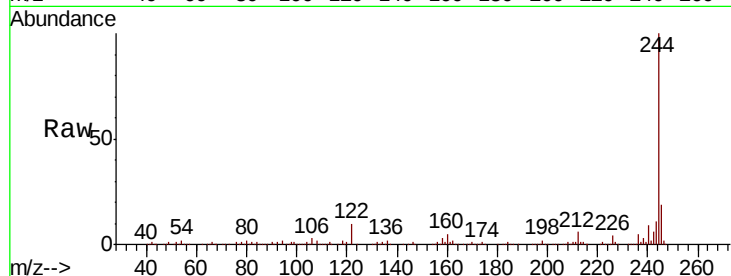




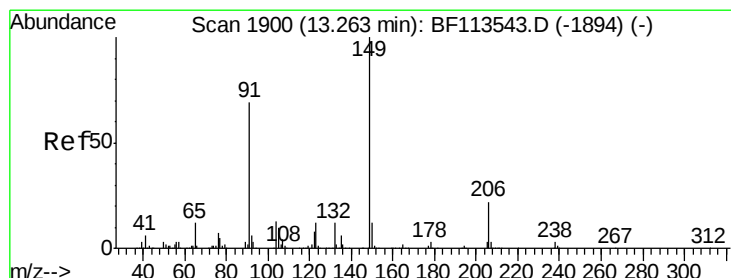
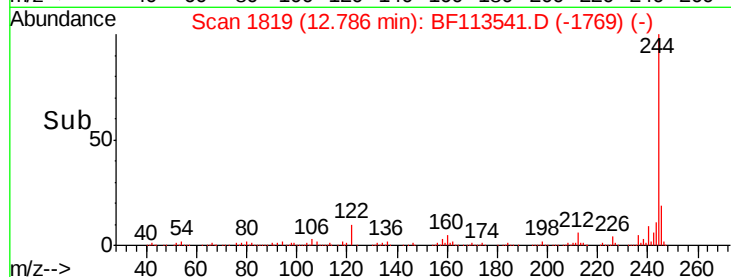
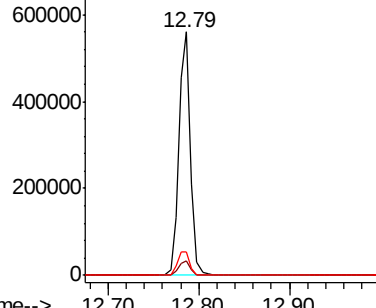
#79
 Terphenyl-d14
 Concen: 25.064 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF113541.D
 Acq: 3 Apr 2019 11:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 503933
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.3 7.9
 122 9.9 8.2 12.4

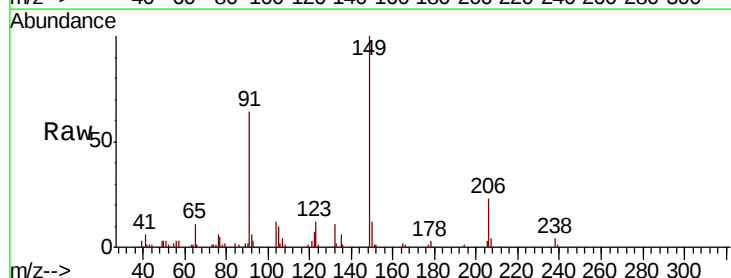


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

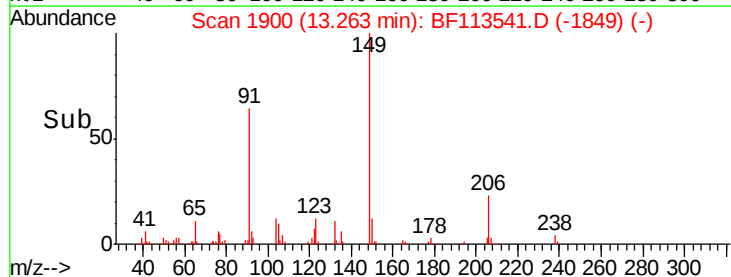
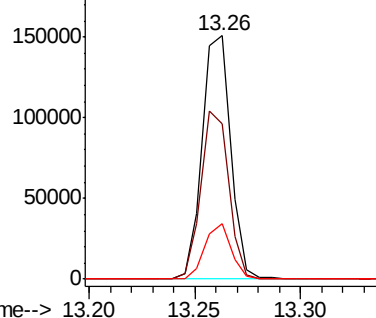


#80
 Butylbenzylphthalate
 Concen: 10.340 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. 0.00 min
 Lab File: BF113541.D
 Acq: 3 Apr 2019 11:31

Tgt Ion:149 Resp: 139942
 Ion Ratio Lower Upper
 149 100
 91 63.6 54.9 82.3
 206 22.8 17.5 26.3



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: 11.275 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Instrument :

BNA_F

ClientSampleId :

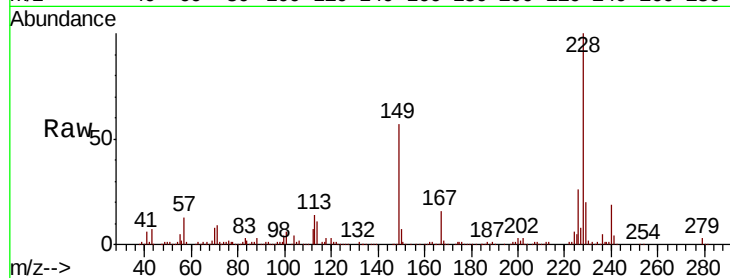
Tot Ion:228 Resp: 286032

Ion Ratio Lower Upper

228 100

226 25.9 21.2 31.8

229 19.9 15.8 23.8

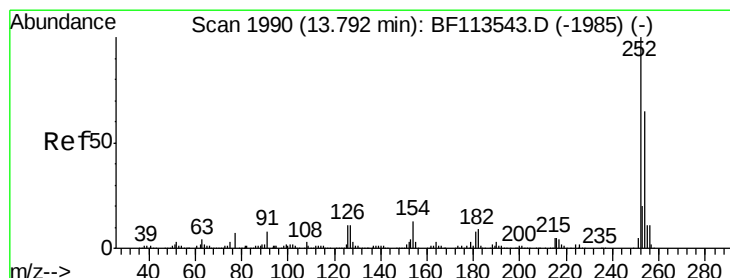
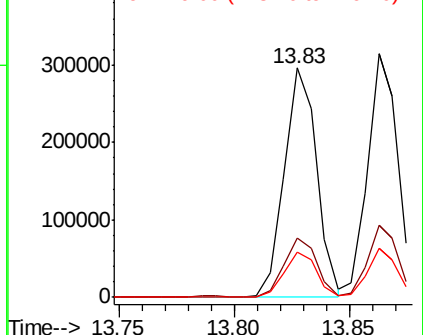
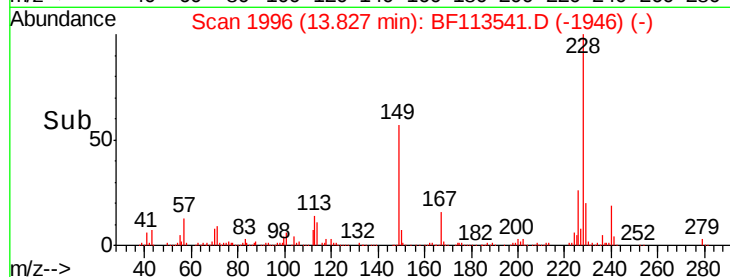


Abundance

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: 11.174 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

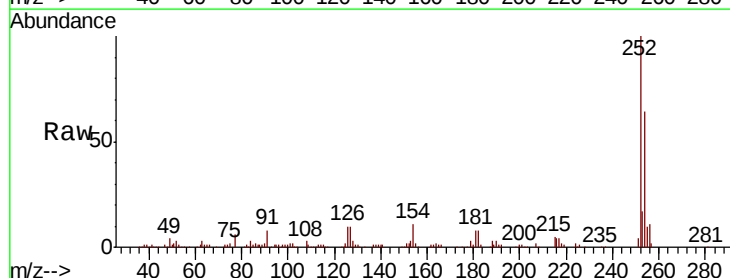
Tgt Ion:252 Resp: 113713

Ion Ratio Lower Upper

252 100

254 63.9 52.1 78.1

126 10.3 8.8 13.2

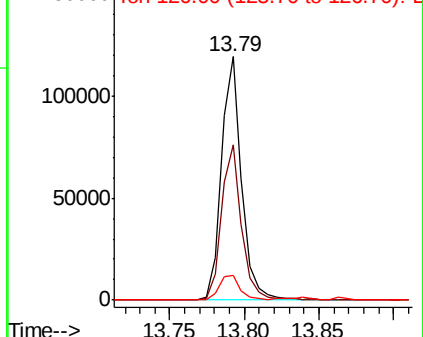
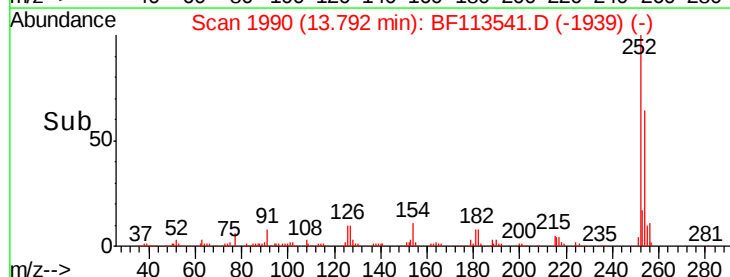


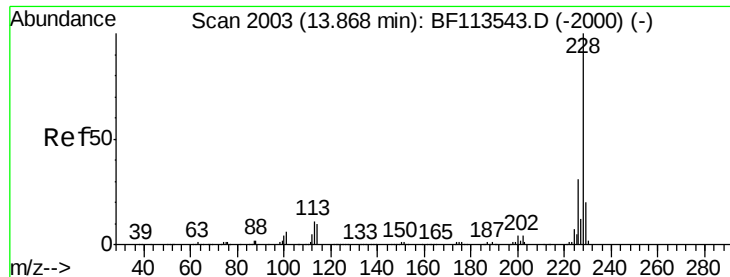
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

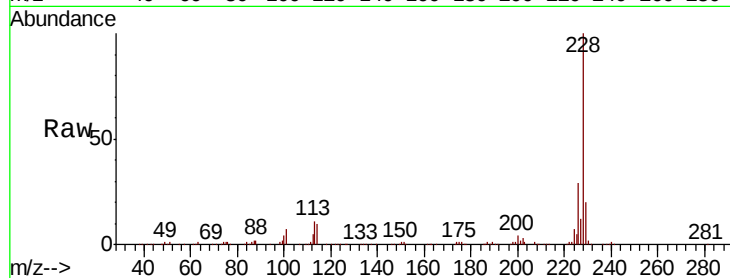




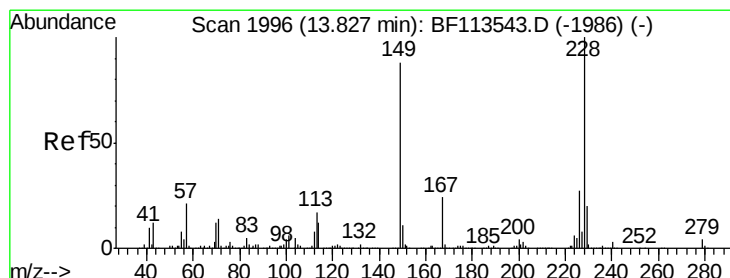
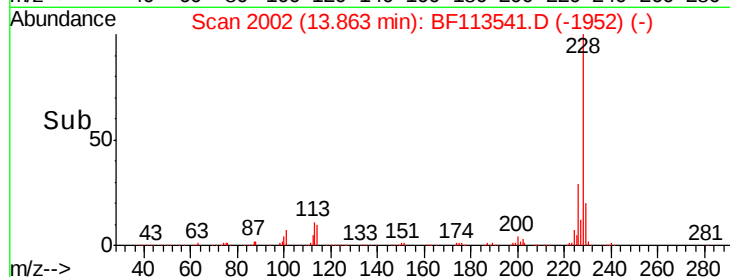
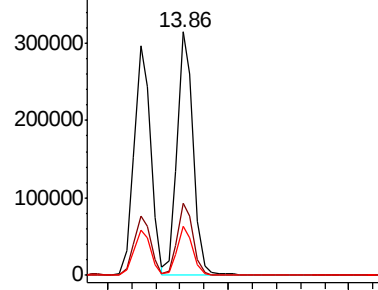
#83
 Chrvsene
 Concen: 11.297 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF113541.D
 Acq: 3 Apr 2019 11:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 291092
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.4 36.6
 229 20.0 16.3 24.5

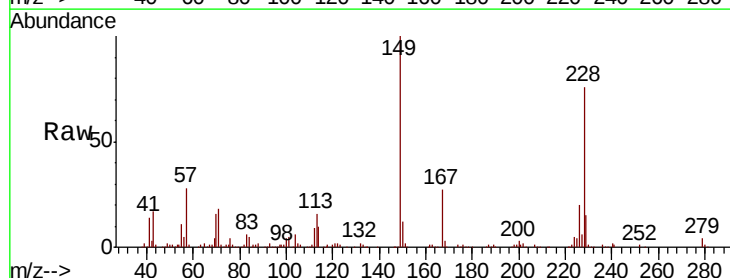


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

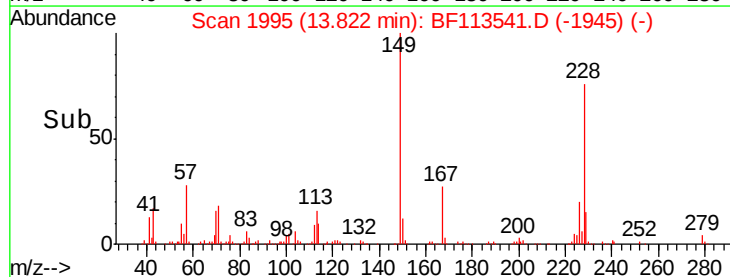
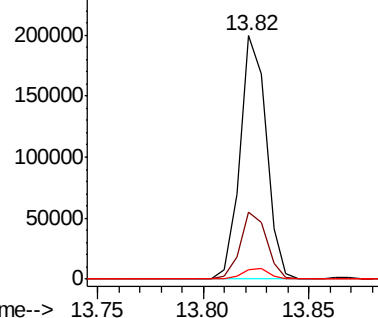


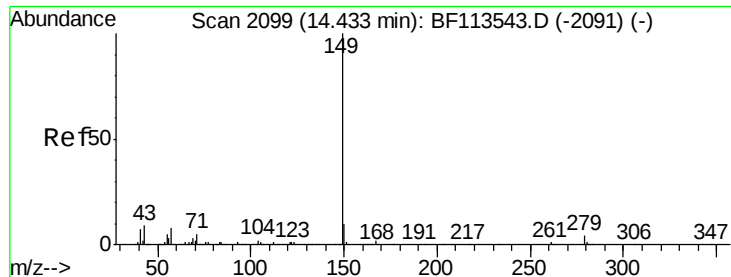
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.501 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF113541.D
 Acq: 3 Apr 2019 11:31

Tgt Ion:149 Resp: 174235
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.1 33.1
 279 3.7 3.6 5.4



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: 9.708 ng

RT: 14.43 min Scan# 2099

Delta R.T. 0.00 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

Instrument :

BNA_F

ClientSampleId :

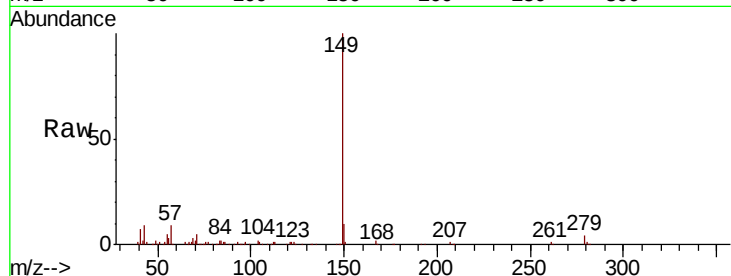
Tot Ion:149 Resp: 273405

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

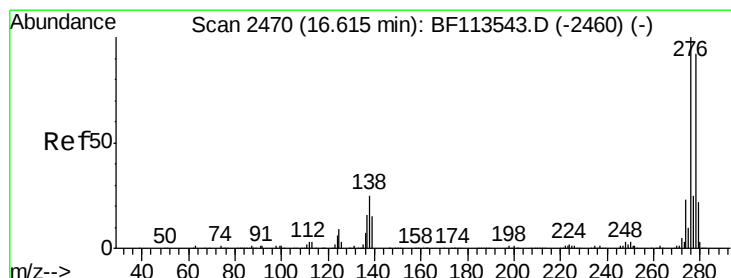
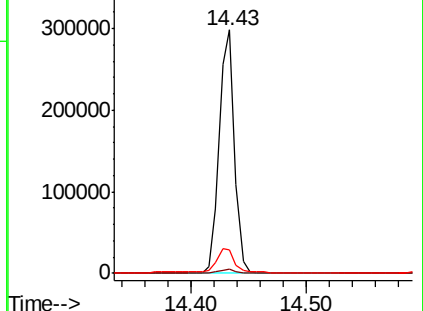
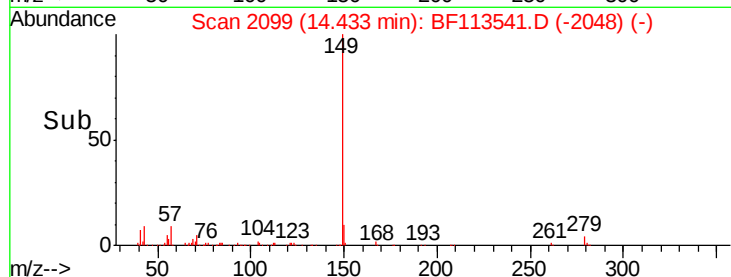
43 13.3 7.7 11.5#



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: 9.929 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.01 min

Lab File: BF113541.D

Acq: 3 Apr 2019 11:31

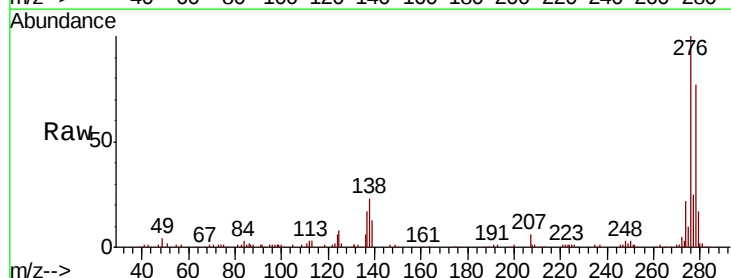
Tgt Ion:276 Resp: 219567

Ion Ratio Lower Upper

276 100

138 23.6 19.2 28.8

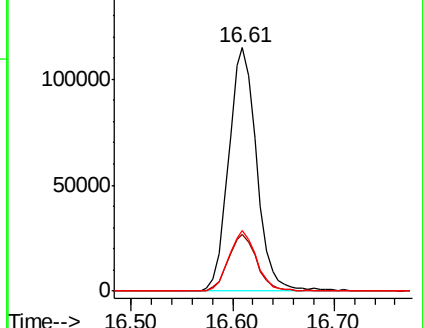
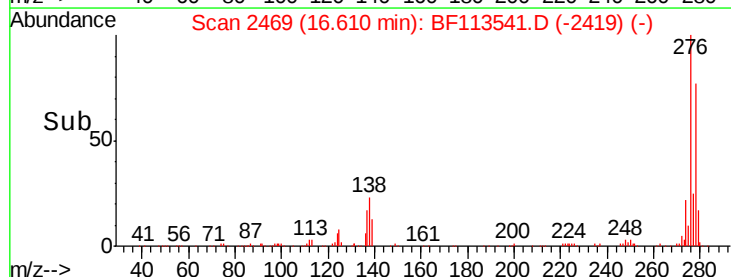
277 24.4 20.0 30.0

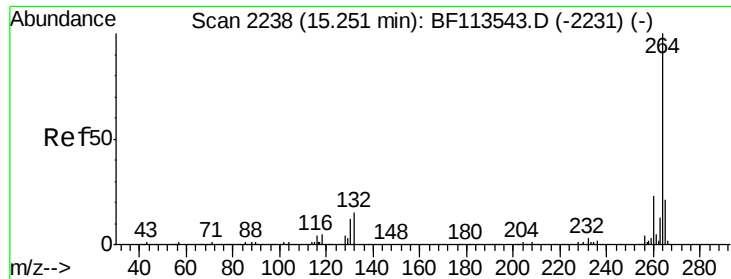


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



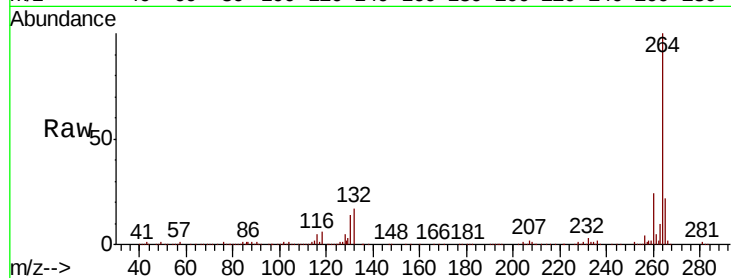


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

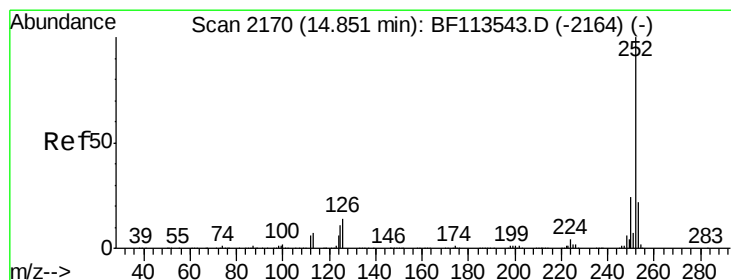
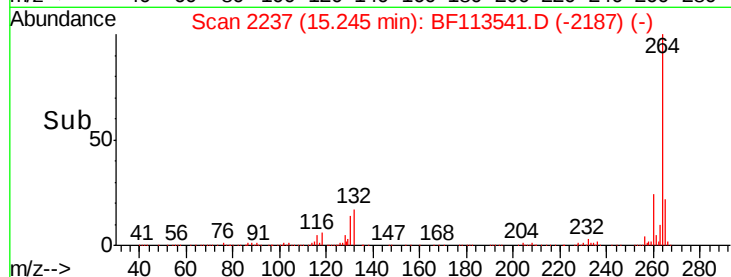
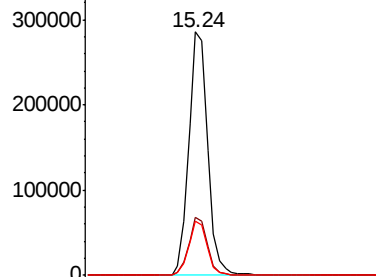
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 370126

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	22.0	16.6	24.8



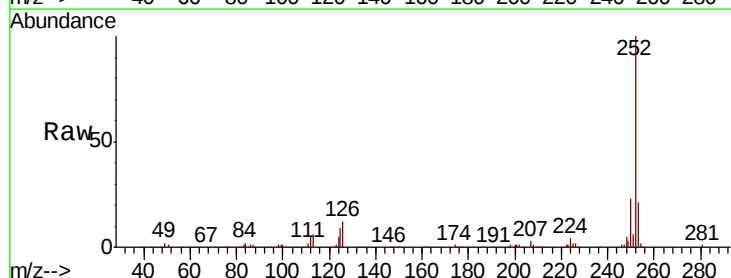
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



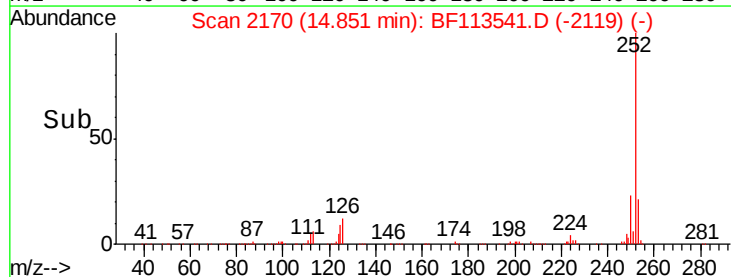
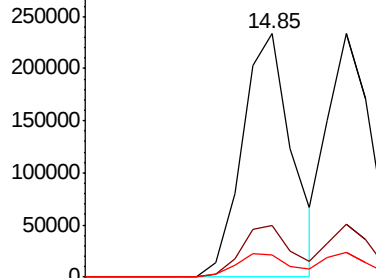
#88
Benzo(b)fluoranthene
Concen: 11.083 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

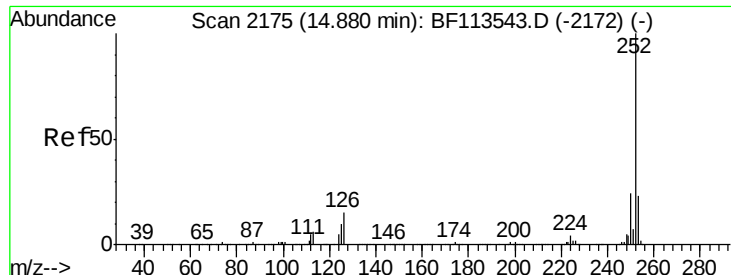
Tgt Ion:252 Resp: 254819

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.7	26.5
125	9.3	8.4	12.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

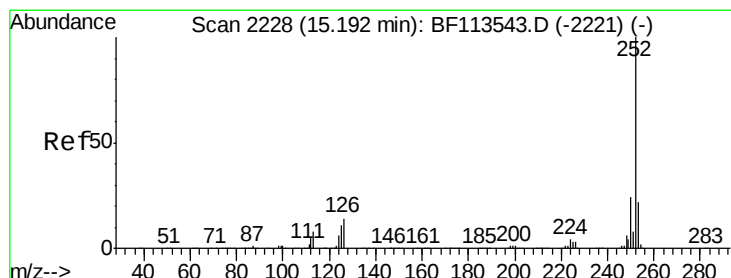
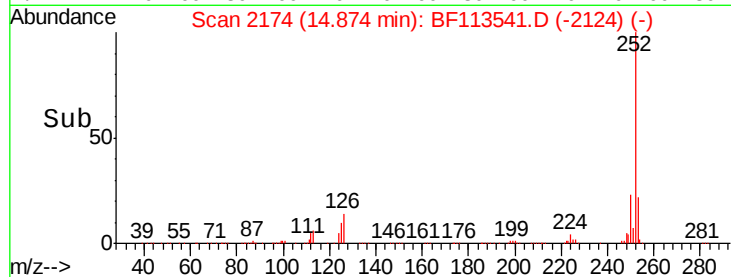
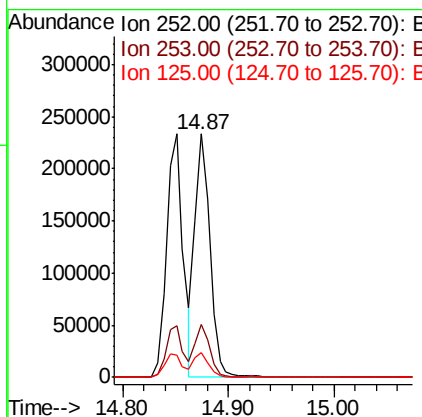
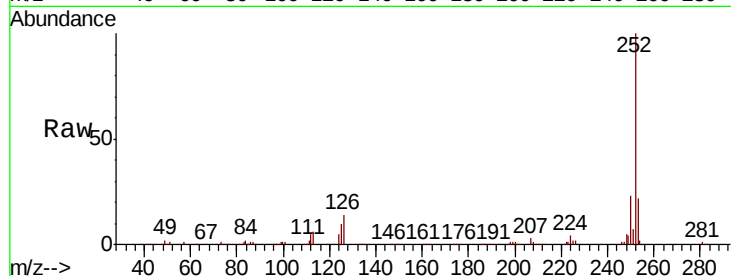




#89
Benzo(k)fluoranthene
Concen: 11.402 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

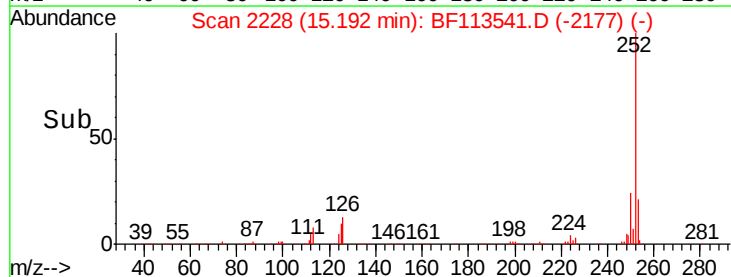
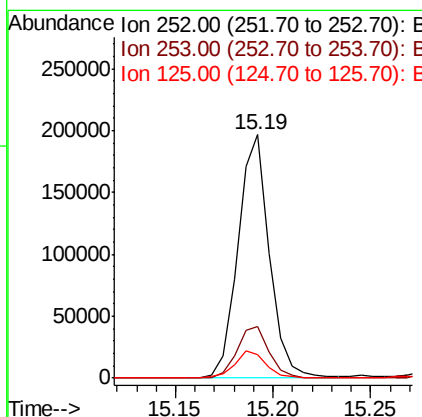
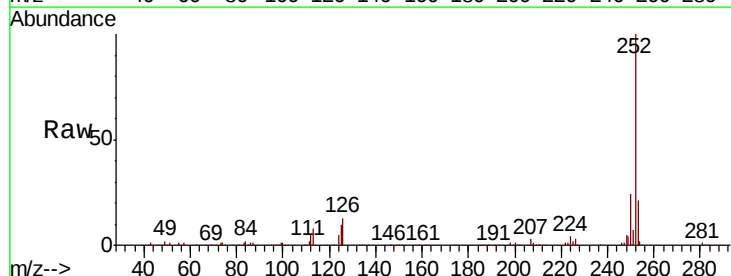
Instrument :
BNA_F
ClientSampleId :

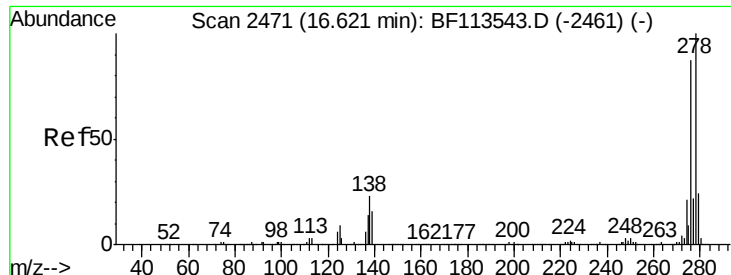
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	10.0	7.7	11.5



#90
Benzo(a)pyrene
Concen: 10.767 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.6
125	9.8	9.0	13.6



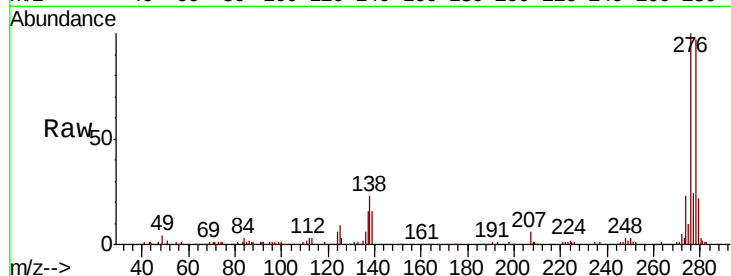


#91
Dibenzo(a,h)anthracene
Concen: 10.340 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

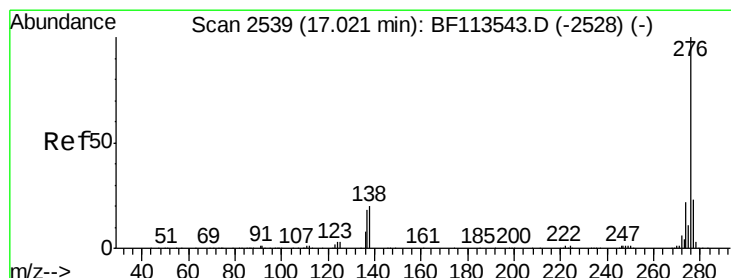
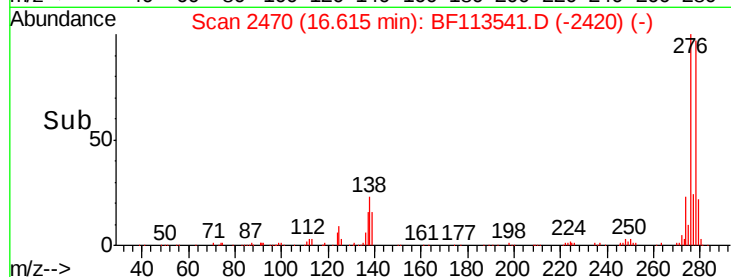
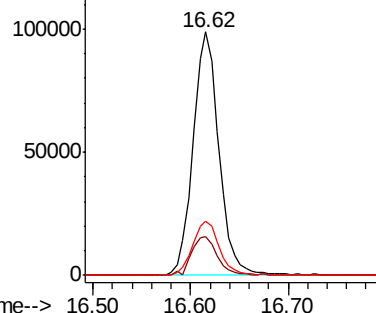
Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 182232

Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	18.8
279	22.5	18.9	28.3



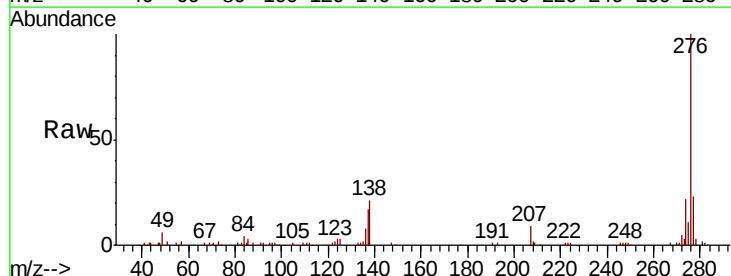
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 9.857 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF113541.D
Acq: 3 Apr 2019 11:31

Tgt Ion:276 Resp: 175164

Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.8	28.2
138	20.6	16.2	24.4



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

