

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103532.D
 Acq On : 8 Mar 2018 22:15
 Operator : SJ/JU
 Sample : J1824-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 23:55:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	122811	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	493467	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	187740	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	282594	20.00	ng	0.00
75) Chrysene-d12	14.06	240	194897	20.00	ng	0.00
86) Perylene-d12	15.57	264	153806	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	898328	110.63	ng	0.01
7) Phenol-d6	6.51	99	1039145	104.58	ng	0.00
23) Nitrobenzene-d5	7.43	82	636773	73.69	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	133809	84.20	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	894446	81.19	ng	0.00
78) Terphenyl-d14	12.99	244	652887	80.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	119312	27.820	ng	95
3) Pyridine	3.50	79	252789	22.078	ng	98
4) n-Nitrosodimethylamine	3.42	42	145956	31.608	ng	90
6) Aniline	6.53	93	338490	23.604	ng	# 73
8) 2-Chlorophenol	6.66	128	283805	33.644	ng	94
9) Benzaldehyde	6.42	77	184509	28.026	ng	90
10) Phenol	6.52	94	372135	32.262	ng	92
11) bis(2-Chloroethyl)ether	6.60	93	293821	33.562	ng	92
12) 1,3-Dichlorobenzene	6.80	146	294993	30.601	ng	97
13) 1,4-Dichlorobenzene	6.88	146	310174	32.093	ng	99
14) 1,2-Dichlorobenzene	7.03	146	276191	30.992	ng	99
15) Benzyl Alcohol	7.02	79	222176	29.673	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	450952	29.996	ng	61
17) 2-Methylphenol	7.13	107	232754	30.362	ng	# 86
18) Hexachloroethane	7.37	117	71635	20.360	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	208671	33.744	ng	95
20) 3+4-Methylphenols	7.29	107	309591	33.130	ng	# 72
22) Acetophenone	7.27	105	403489	35.030	ng	# 91
24) Nitrobenzene	7.45	77	317551	33.379	ng	94
25) Isophorone	7.69	82	583975	34.315	ng	96
26) 2-Nitrophenol	7.77	139	110284	24.624	ng	92
27) 2,4-Dimethylphenol	7.80	122	238670	34.864	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	354390	35.419	ng	98
29) 2,4-Dichlorophenol	8.02	162	217986	33.259	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	210023	30.091	ng	99
31) Naphthalene	8.17	128	782298	32.381	ng	99
32) Benzoic acid	7.93	122	81206	20.600	ng	96
33) 4-Chloroaniline	8.23	127	227617	21.833	ng	97
34) Hexachlorobutadiene	8.27	225	106265	29.238	ng	98
35) Caprolactam	8.60	113	68058	29.545	ng	# 84
36) 4-Chloro-3-methylphenol	8.72	107	238185	32.219	ng	99
37) 2-Methylnaphthalene	8.86	142	481075	30.811	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	180260	35.122	ng	99
40) Hexachlorocyclopentadiene	8.92	237	125	8.943	ng	# 26

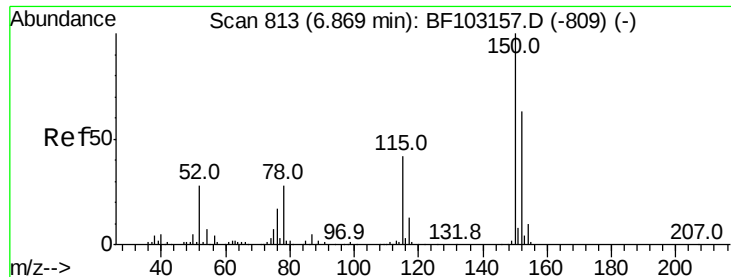
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
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 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	119240	34.527	nq	100
43) 2,4,5-Trichlorophenol	9.20	196	121627	30.621	nq	96
45) 1,1'-Biphenyl	9.33	154	551307	35.044	nq	98
46) 2-Chloronaphthalene	9.36	162	429359	34.498	nq	99
47) 2-Nitroaniline	9.46	65	181024	39.266	nq	89
48) Acenaphthylene	9.77	152	608907	31.798	nq	100
49) Dimethylphthalate	9.62	163	551875	36.643	nq	99
50) 2,6-Dinitrotoluene	9.70	165	86011	27.214	nq	# 89
51) Acenaphthene	9.94	154	352980	31.612	nq	98
52) 3-Nitroaniline	9.87	138	130070	32.437	nq	96
54) Dibenzofuran	10.12	168	512946	33.464	nq	94
55) 4-Nitrophenol	10.06	139	86252	34.706	nq	# 86
56) 2,4-Dinitrotoluene	10.12	165	95668	23.933	nq	# 58
57) Fluorene	10.46	166	391031	29.947	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	79571	29.821	nq	93
59) Diethylphthalate	10.32	149	455360	31.613	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	175555	31.704	nq	100
61) 4-Nitroaniline	10.49	138	127213	31.762	nq	95
62) Azobenzene	10.60	77	475119	32.405	nq	94
64) 4,6-Dinitro-2-methylphenol	10.70	198	263	5.083	nq	# 1
65) n-Nitrosodiphenylamine	10.57	169	343500	34.910	nq	98
66) 4-Bromophenyl-phenylether	10.93	248	95543	32.456	nq	93
67) Hexachlorobenzene	11.01	284	95930	30.023	nq	94
68) Atrazine	11.09	200	89125	30.136	nq	97
69) Pentachlorophenol	11.22	266	60844	39.383	nq	98
70) Phenanthrene	11.43	178	483639	31.098	nq	98
71) Anthracene	11.48	178	516971	32.417	nq	100
72) Carbazole	11.64	167	505004	31.799	nq	99
73) Di-n-butylphthalate	11.95	149	668427	33.636	nq	99
74) Fluoranthene	12.62	202	502545	32.157	nq	99
76) Benzidine	12.75	184	435076	59.712	nq	97
77) Pyrene	12.86	202	510862	33.620	nq	99
79) Butylbenzylphthalate	13.45	149	268763	33.477	nq	92
80) Benzo(a)anthracene	14.05	228	393475	31.115	nq	98
81) 3,3'-Dichlorobenzidine	14.00	252	157560	34.913	nq	98
82) Chrysene	14.09	228	380826	31.015	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	346140	31.950	nq	# 98
84) Di-n-octyl phthalate	14.62	149	628190	35.888	nq	96
85) Indeno(1,2,3-cd)pyrene	17.12	276	273396	28.125	nq	95
87) Benzo(b)fluoranthene	15.12	252	301864	29.850	nq	97
88) Benzo(k)fluoranthene	15.15	252	319165	33.516	nq	100
89) Benzo(a)pyrene	15.50	252	286658	31.743	nq	# 97
90) Dibenzo(a,h)anthracene	17.12	278	234670	33.630	nq	98
91) Benzo(g,h,i)perylene	17.58	276	222516	32.627	nq	97

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

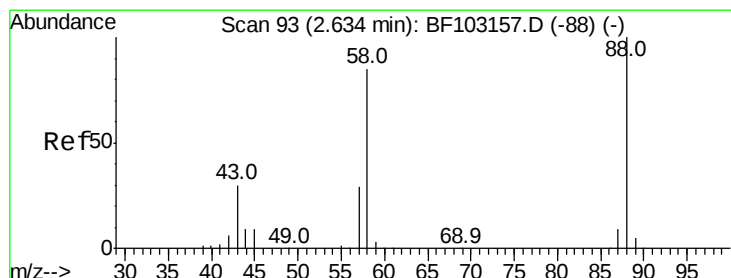
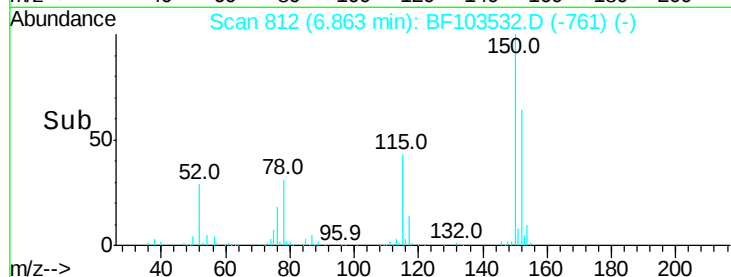
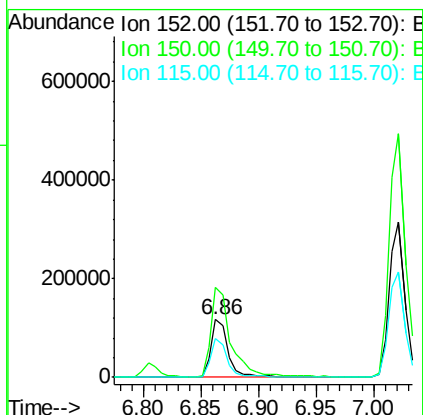
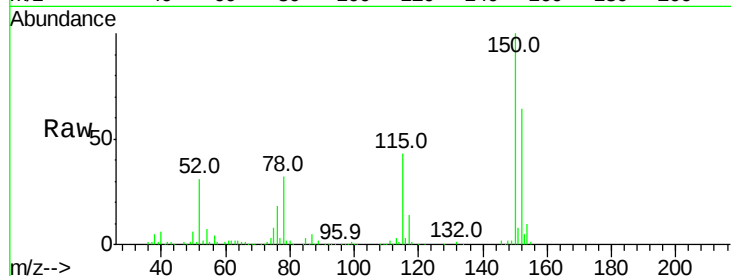


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

Instrument :
BNA_F
ClientSampleId :

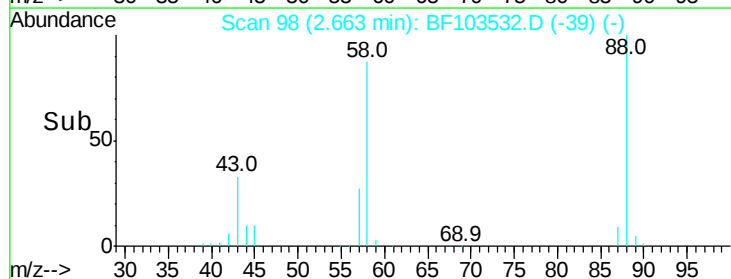
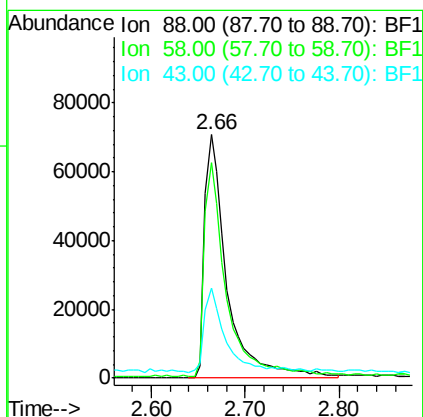
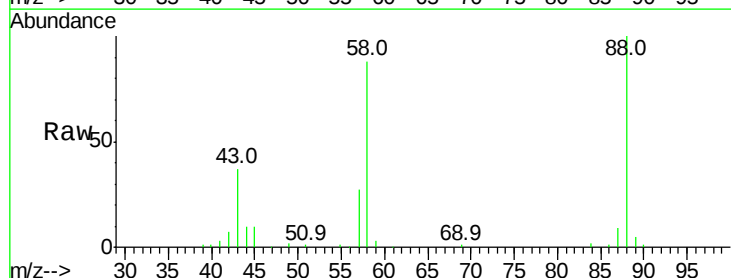
Tot Ion:152 Resp: 122811
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 66.1 50.1 75.1

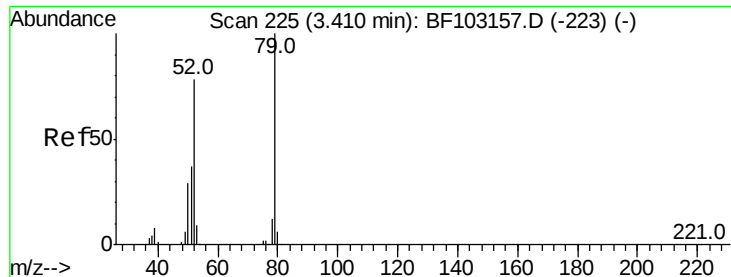


#2

1,4-Dioxane
Concen: 27.820 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.05 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

Tgt Ion: 88 Resp: 119312
Ion Ratio Lower Upper
88 100
58 82.7 62.6 93.8
43 32.5 24.6 37.0





#3

Pvridine

Concen: 22.078 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.08 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampleId :

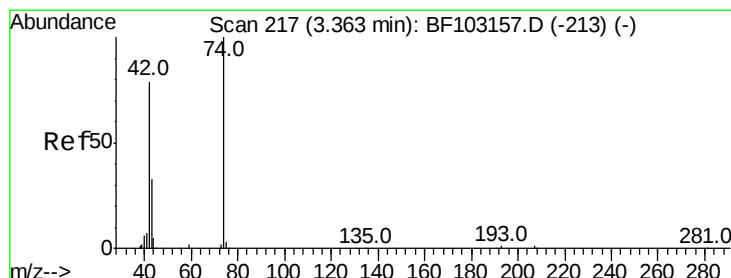
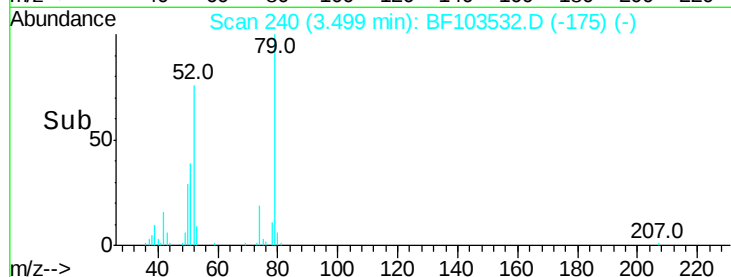
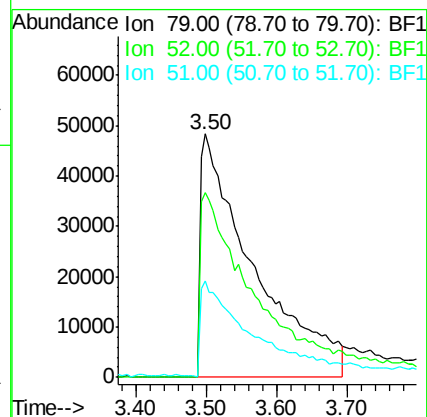
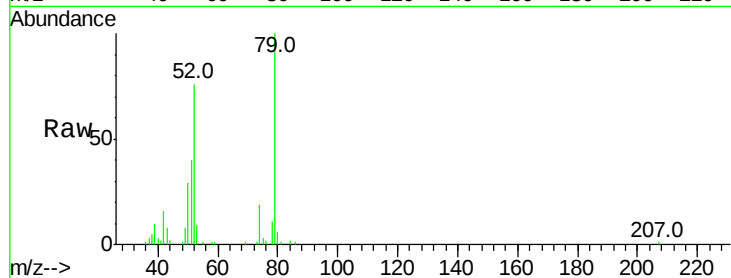
Tot Ion: 79 Resp: 252789

Ion Ratio Lower Upper

79 100

52 75.9 59.8 89.6

51 39.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 31.608 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.05 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

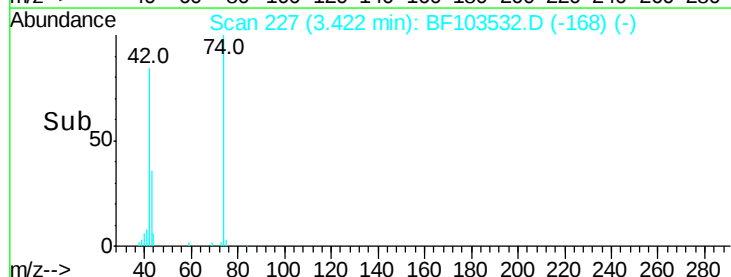
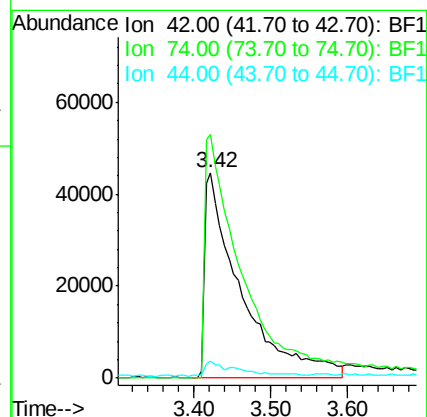
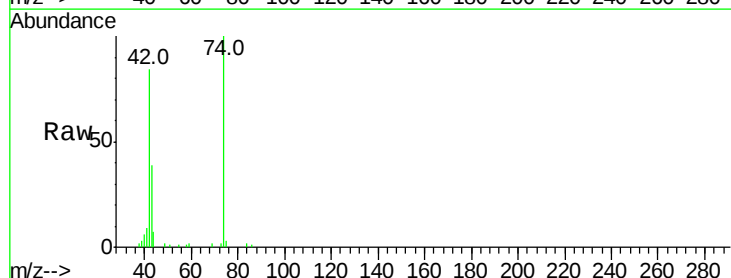
Tgt Ion: 42 Resp: 145956

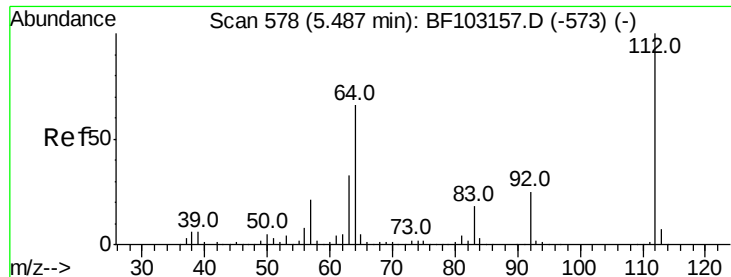
Ion Ratio Lower Upper

42 100

74 118.5 104.9 157.3

44 8.3 6.9 10.3





#5

2-Fluorophenol

Concen: 110.630 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampled :

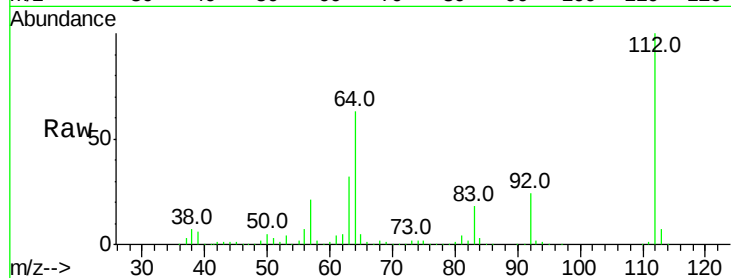
Tot Ion:112 Resp: 898328

Ion Ratio Lower Upper

112 100

64 63.1 47.9 71.9

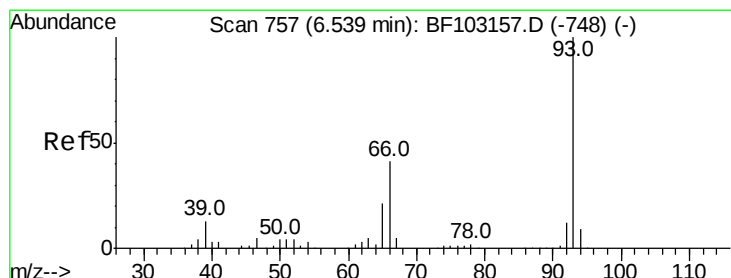
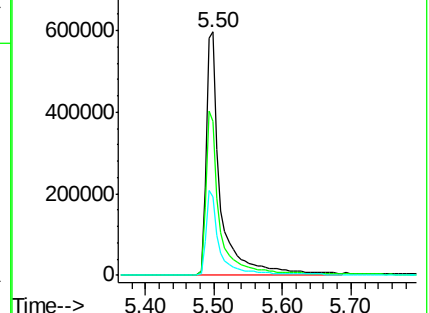
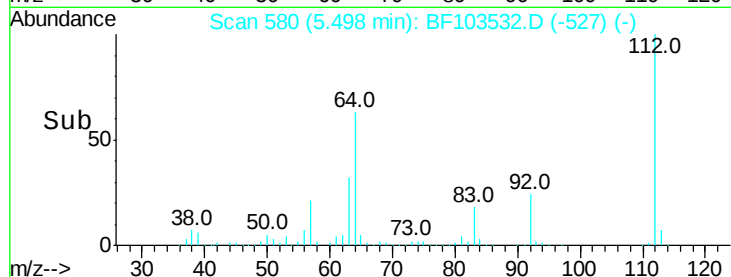
63 32.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.604 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

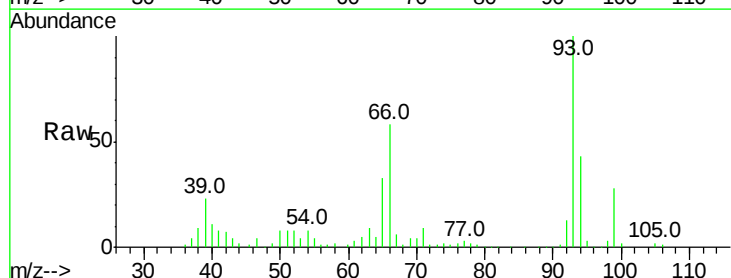
Tgt Ion: 93 Resp: 338490

Ion Ratio Lower Upper

93 100

66 57.6 32.2 48.2#

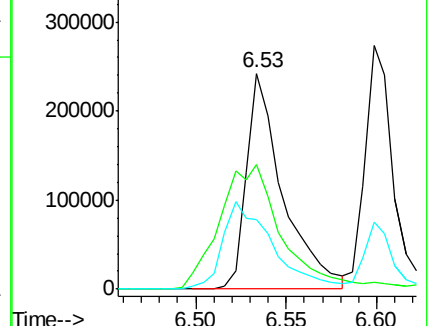
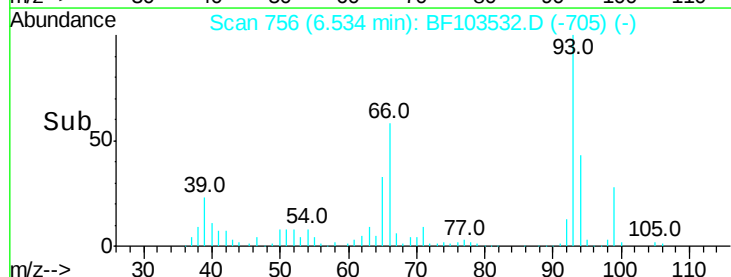
65 32.5 16.4 24.6#

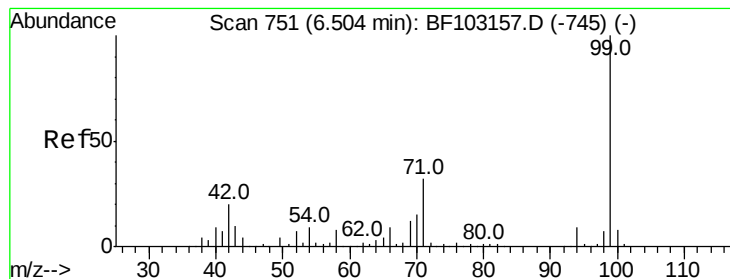


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.582 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampled :

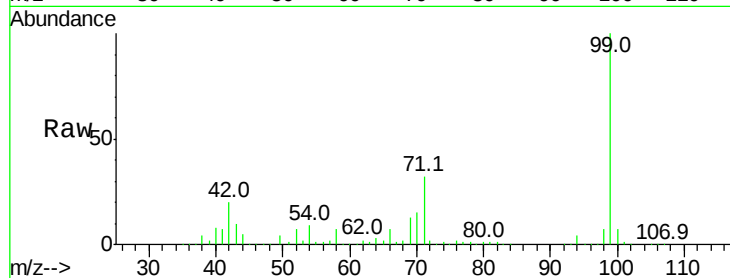
Tot Ion: 99 Resp: 1039145

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

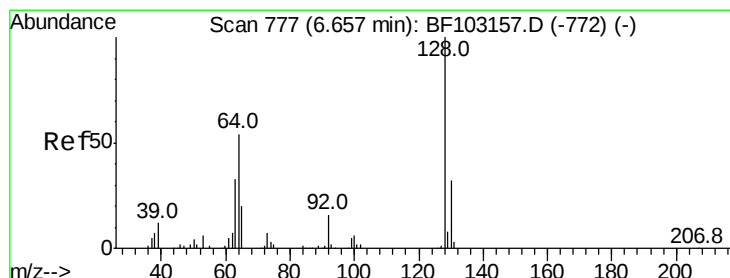
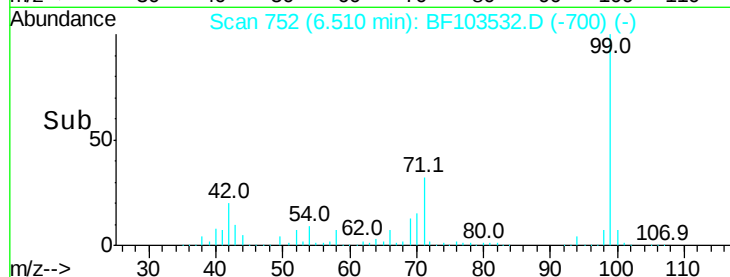
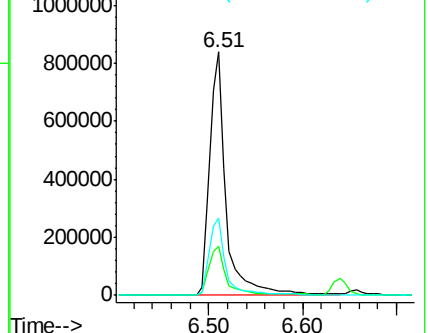
71 31.7 25.4 38.0



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: 33.644 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

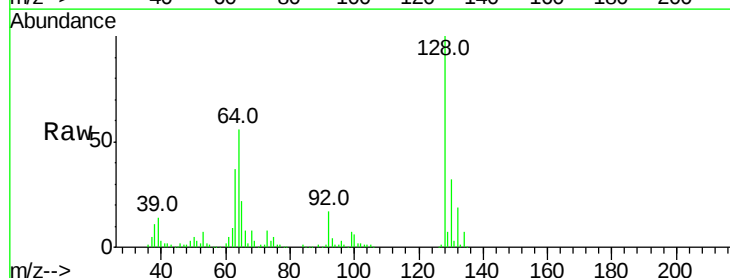
Tgt Ion:128 Resp: 283805

Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

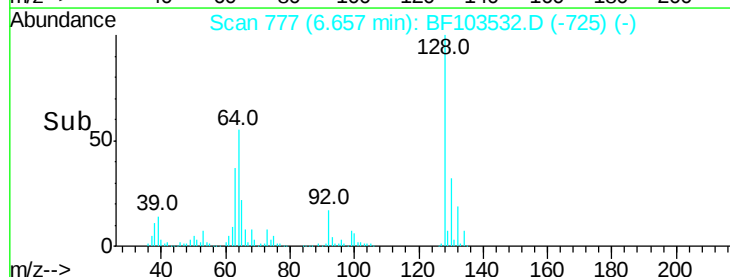
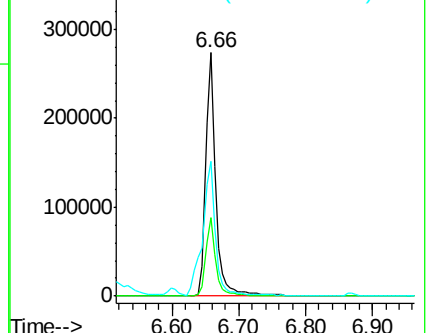
64 55.6 29.4 69.4

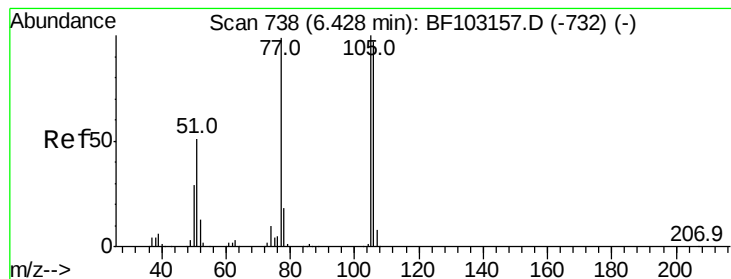


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.026 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampled :

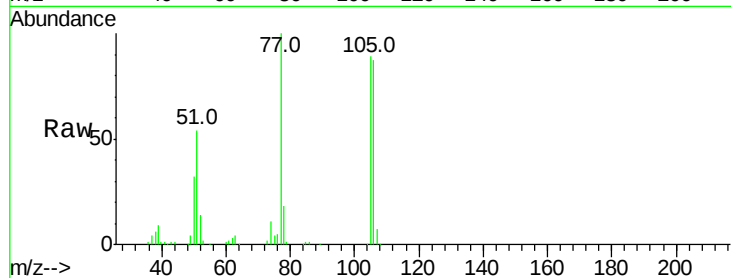
Tot Ion: 77 Resp: 184509

Ion Ratio Lower Upper

77 100

105 88.9 81.1 121.1

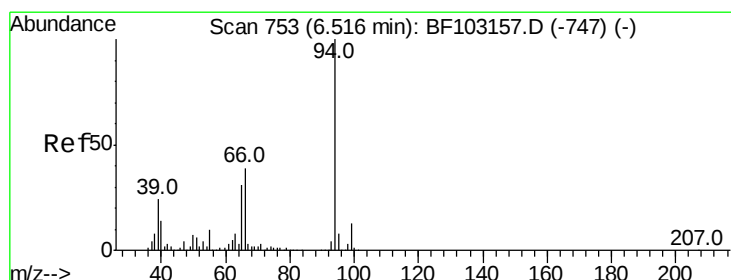
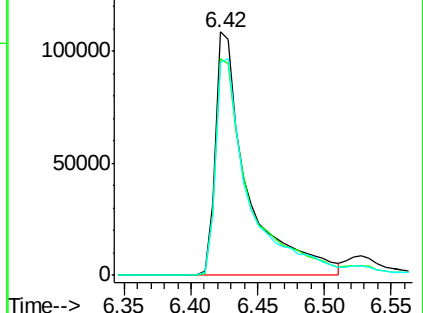
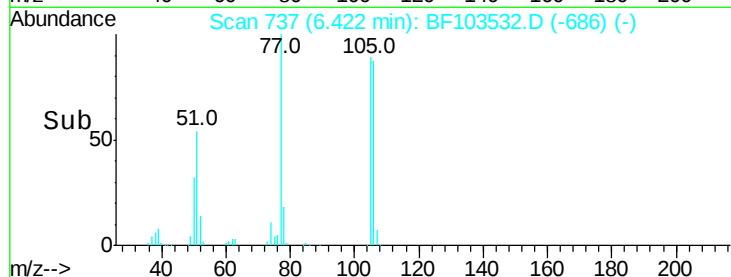
106 87.3 74.5 114.5



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: 32.262 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

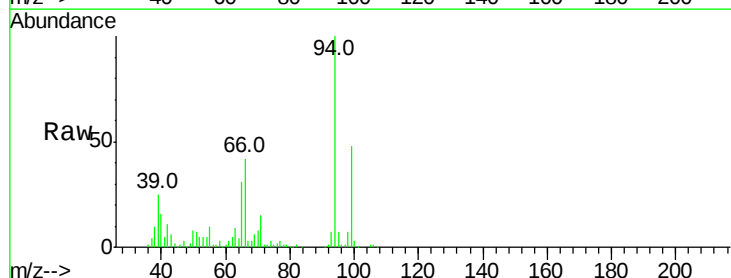
Tgt Ion: 94 Resp: 372135

Ion Ratio Lower Upper

94 100

65 31.0 7.9 47.9

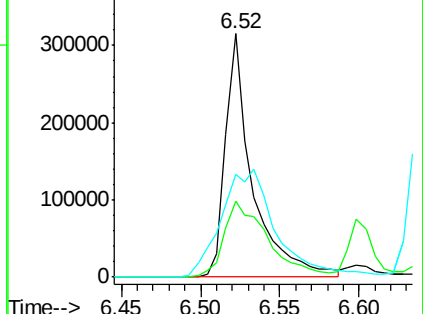
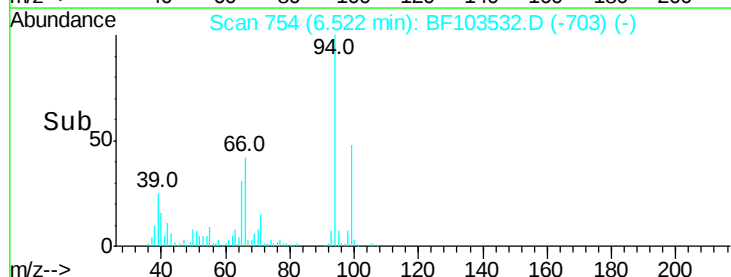
66 42.2 16.2 56.2

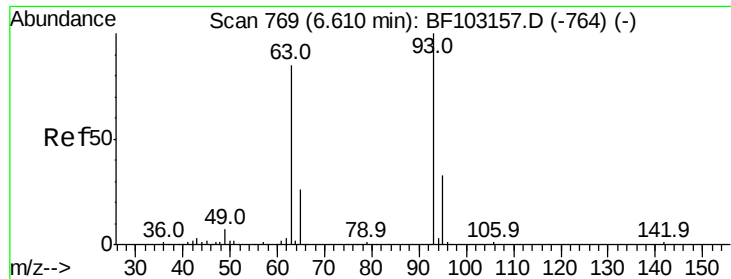


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 33.562 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampleId :

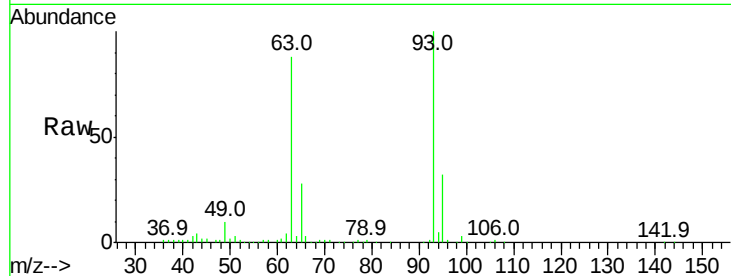
Tot Ion: 93 Resp: 293821

Ion Ratio Lower Upper

93 100

63 88.1 58.6 98.6

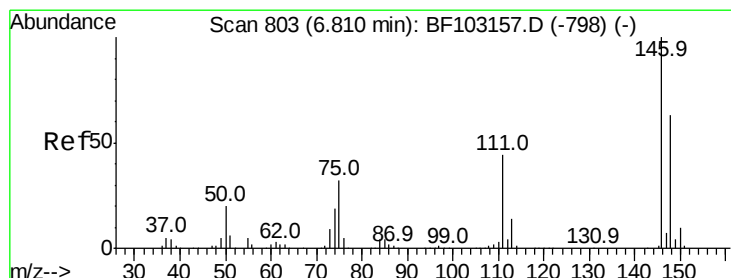
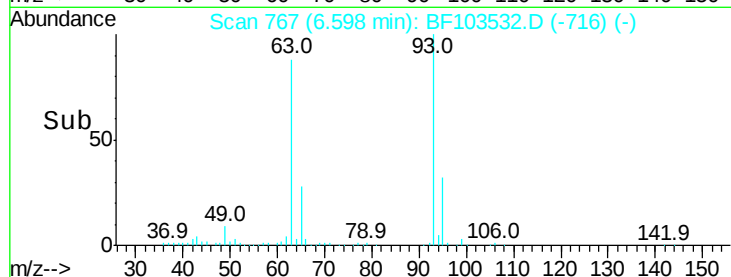
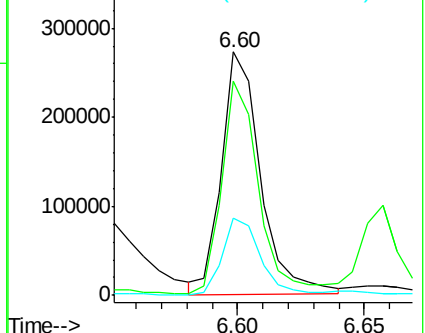
95 31.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 30.601 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

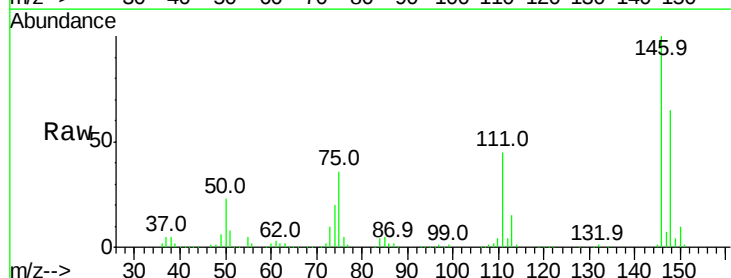
Tgt Ion: 146 Resp: 294993

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

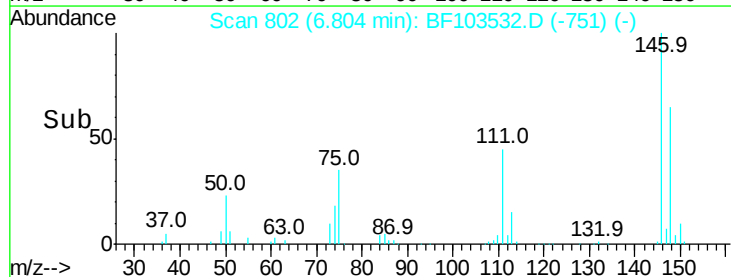
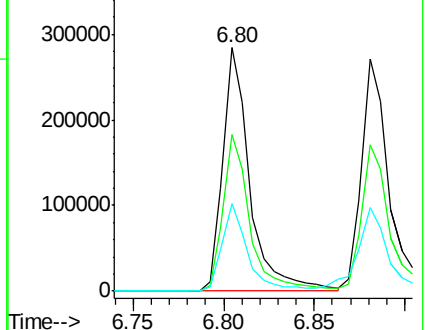
75 35.7 24.2 36.4

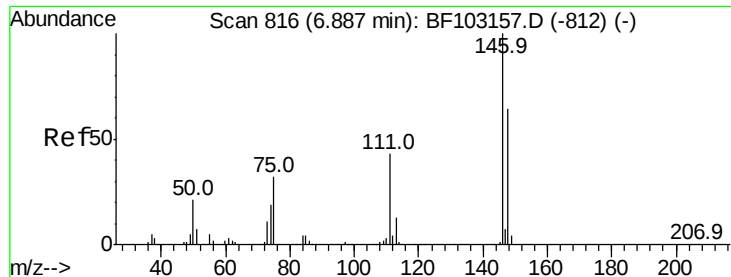


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

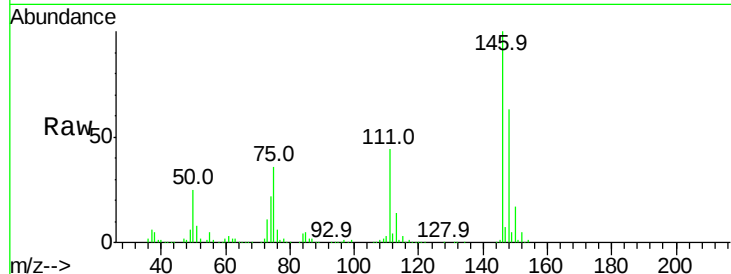




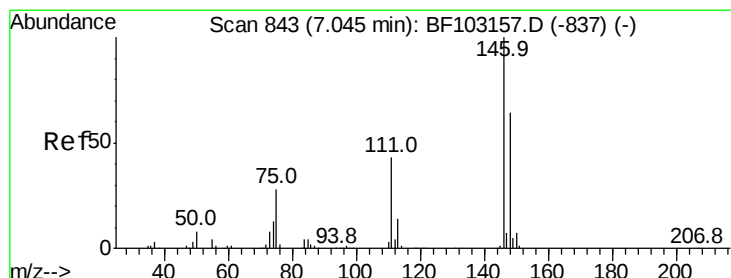
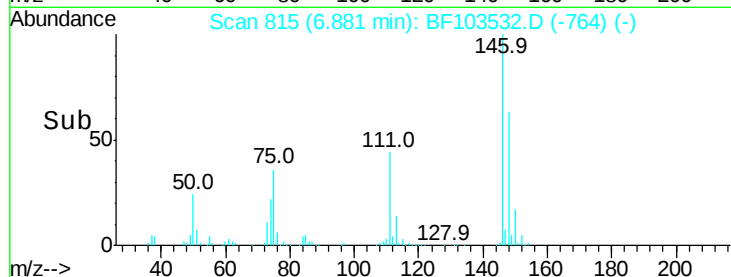
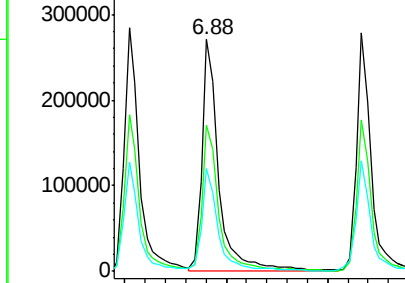
#13
1,4-Dichlorobenzene
Concen: 32.093 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 310174
Ion Ratio Lower Upper
146 100
148 63.1 50.8 76.2
111 44.1 34.2 51.2

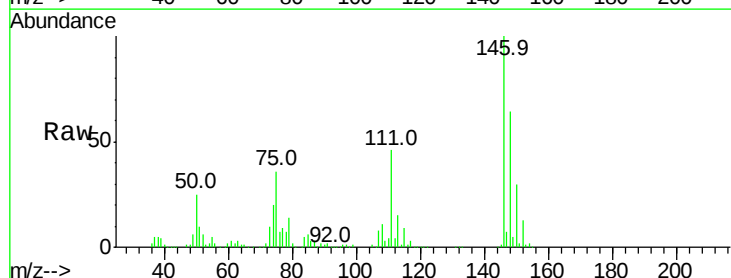


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

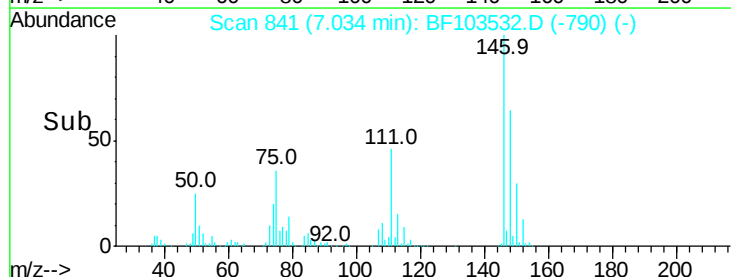
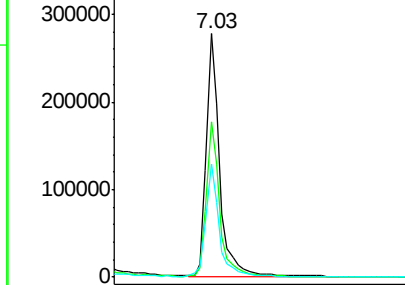


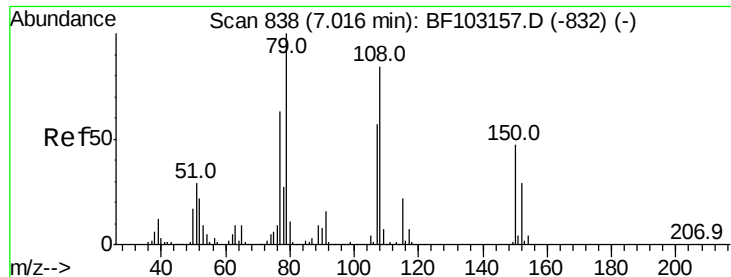
#14
1,2-Dichlorobenzene
Concen: 30.992 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

Tgt Ion:146 Resp: 276191
Ion Ratio Lower Upper
146 100
148 63.8 50.6 75.8
111 46.4 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.673 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampled :

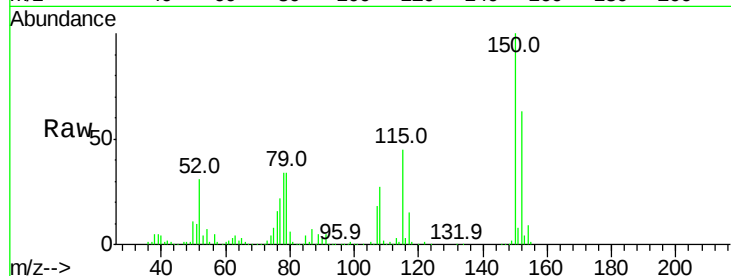
Tot Ion: 79 Resp: 222176

Ion Ratio Lower Upper

79 100

108 80.2 65.1 97.7

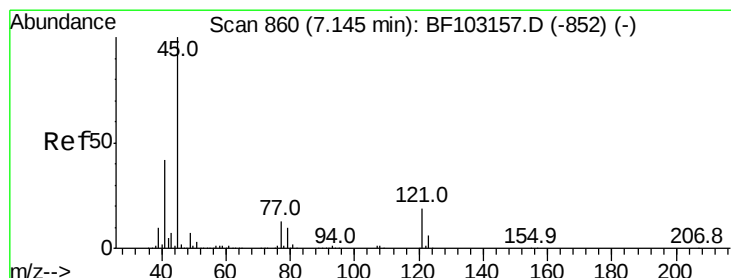
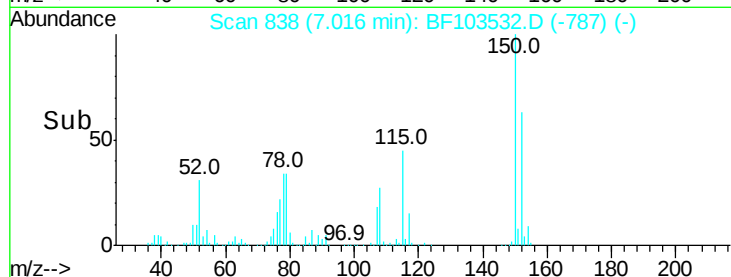
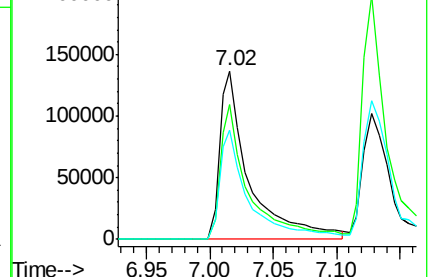
77 65.0 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.996 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

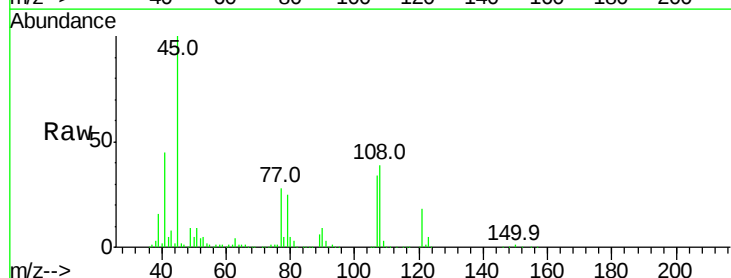
Tgt Ion: 45 Resp: 450952

Ion Ratio Lower Upper

45 100

77 28.0 0.0 32.9

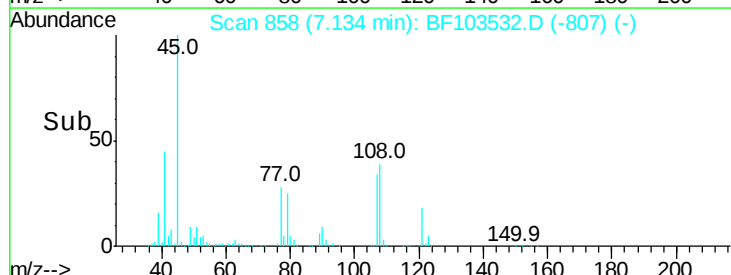
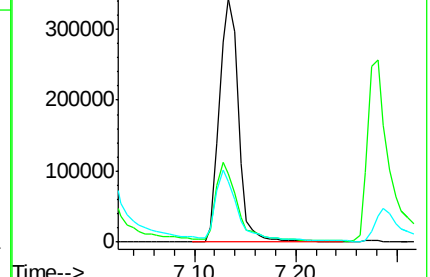
79 24.6 0.0 29.6

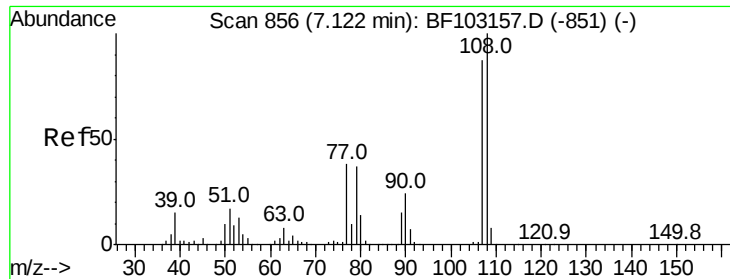


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 30.362 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 232754

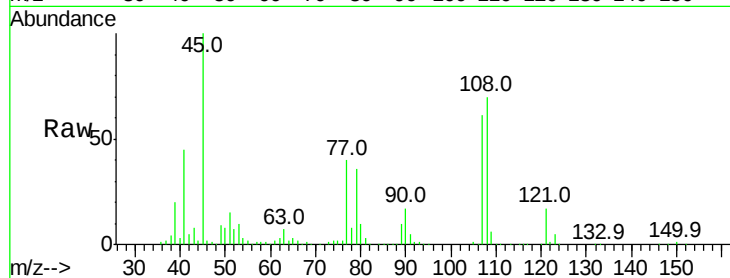
Ion Ratio Lower Upper

107 100

108 114.9 91.7 137.5

77 65.2 33.8 50.8#

79 59.4 33.8 50.8#

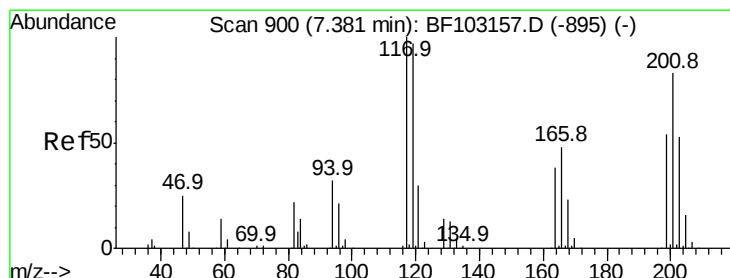
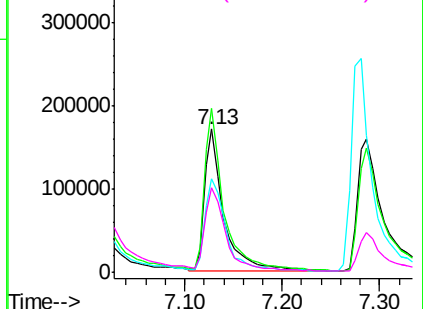
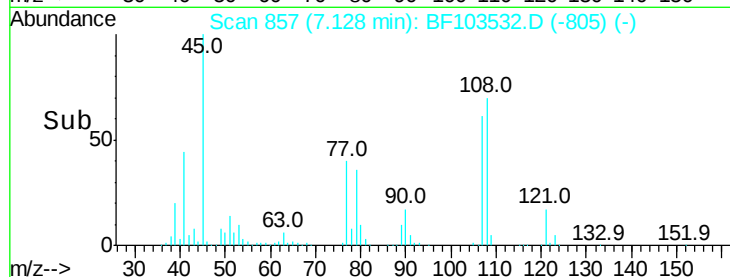


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 20.360 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

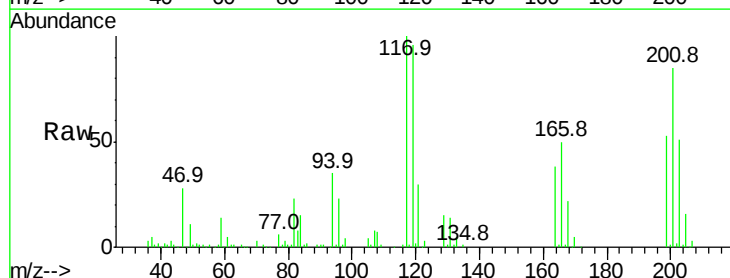
Tgt Ion:117 Resp: 71635

Ion Ratio Lower Upper

117 100

119 96.3 75.8 113.8

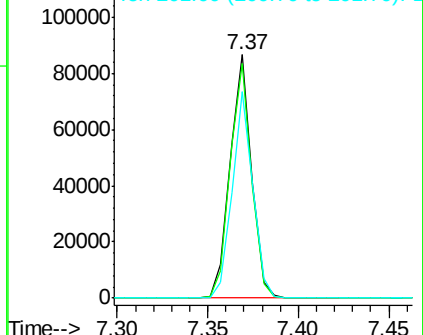
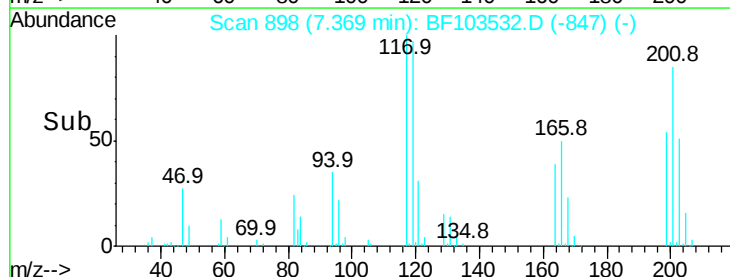
201 84.6 75.7 113.5

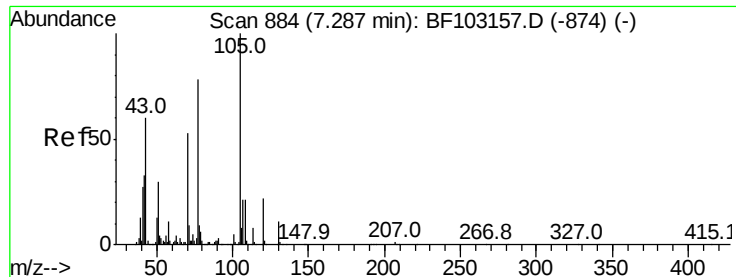


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

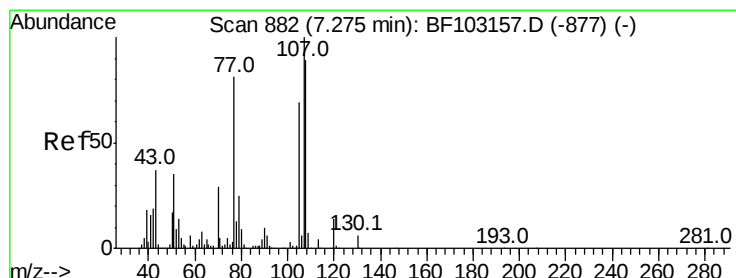
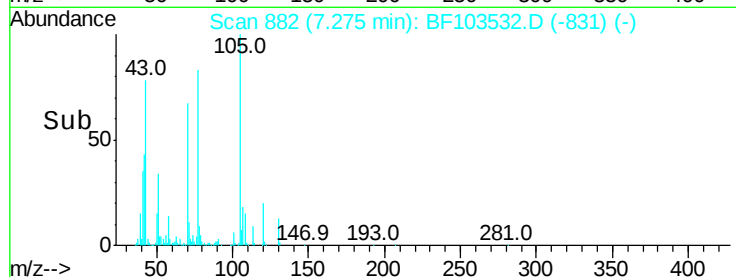
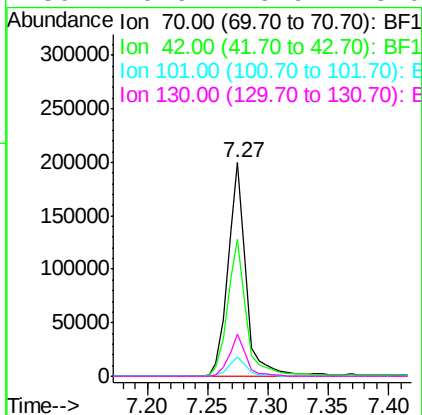
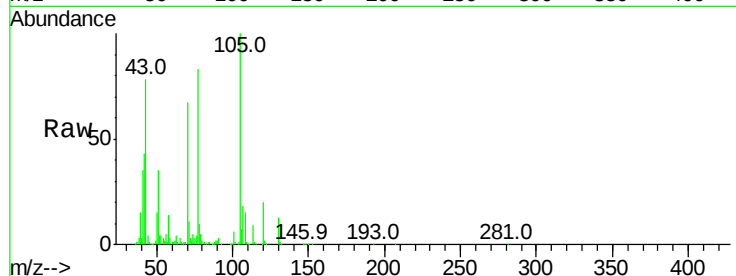




#19
n-Nitroso-di-n-propylamine
Concen: 33.744 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

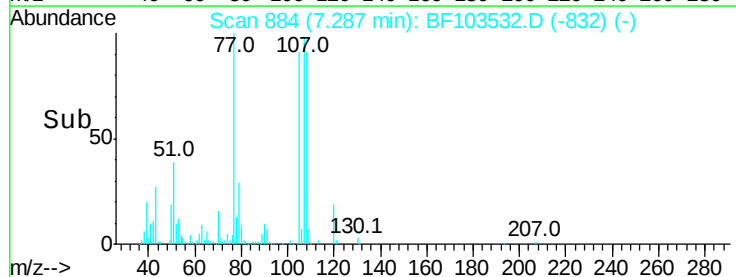
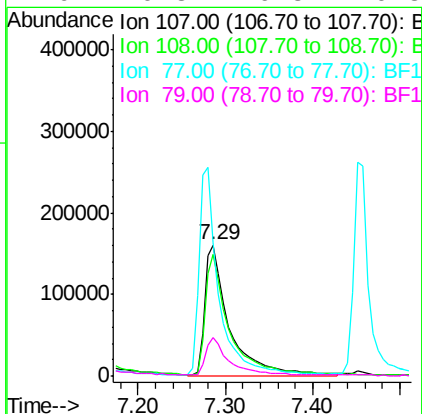
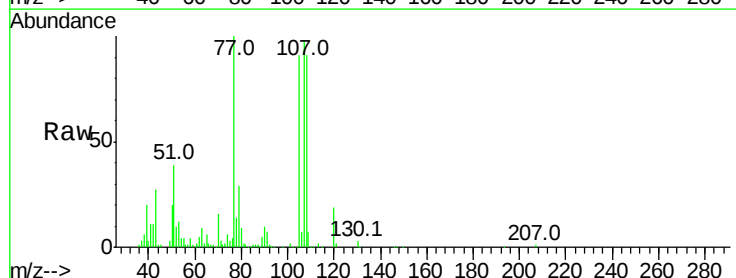
Instrument :
BNA_F
ClientSampleId :

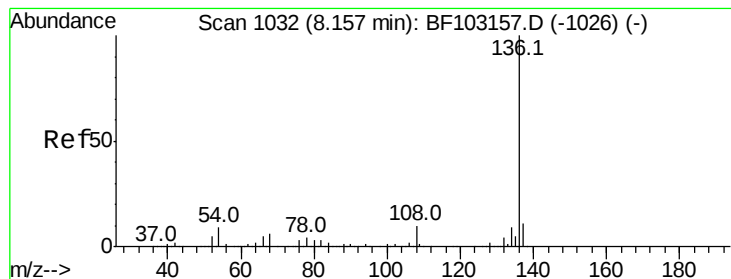
Tot Ion: 70 Resp: 208671
Ion Ratio Lower Upper
70 100
42 64.4 47.5 71.3
101 8.7 7.4 11.2
130 19.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 33.130 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

Tgt Ion: 107 Resp: 309591
Ion Ratio Lower Upper
107 100
108 92.6 68.2 108.2
77 102.2 26.7 66.7#
79 29.3 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 493467

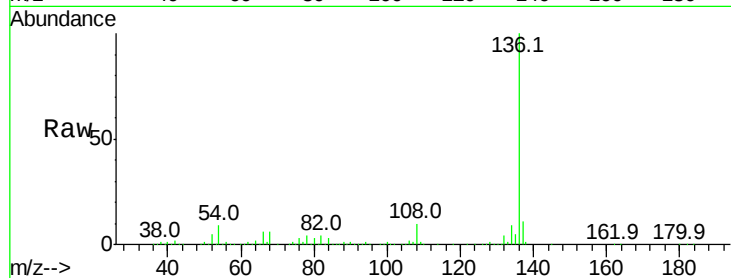
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.6 6.6 9.8

68 6.0 5.0 7.4

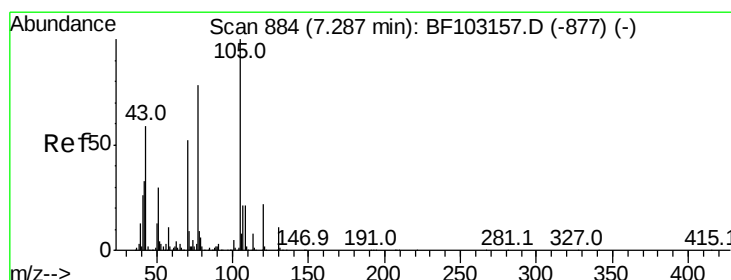
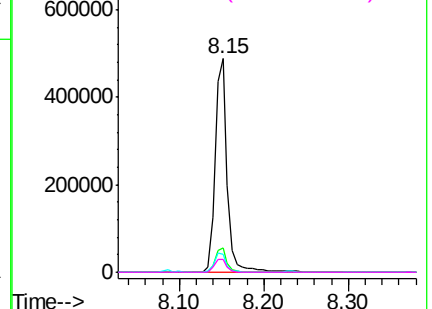
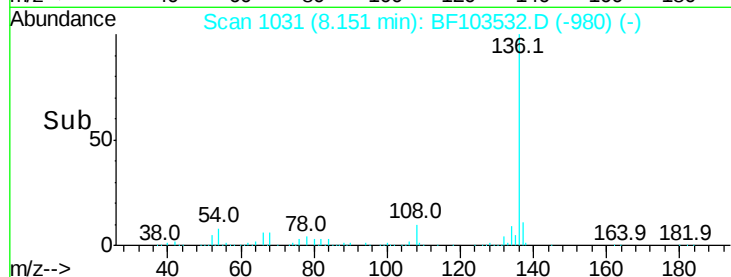


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.030 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Tgt Ion:105 Resp: 403489

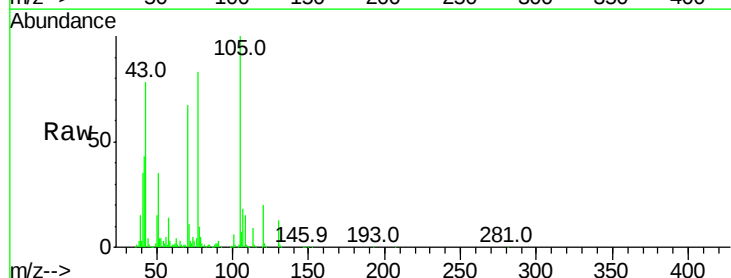
Ion Ratio Lower Upper

105 100

71 11.0 4.4 6.6#

51 34.5 22.3 33.5#

120 20.4 16.9 25.3

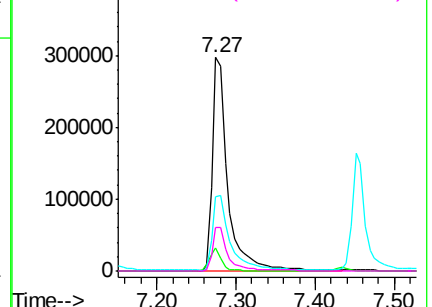
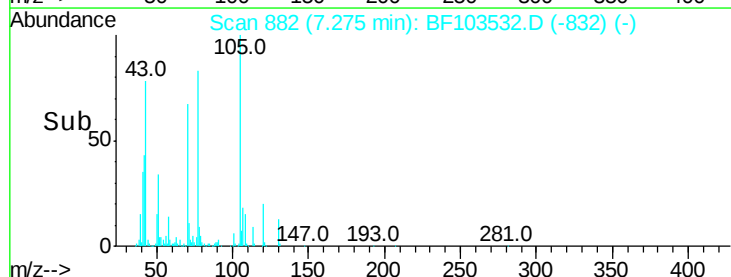


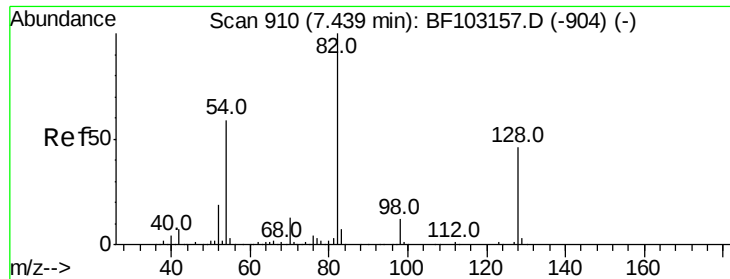
Abundance Ion 105.00 (104.70 to 105.70): E

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

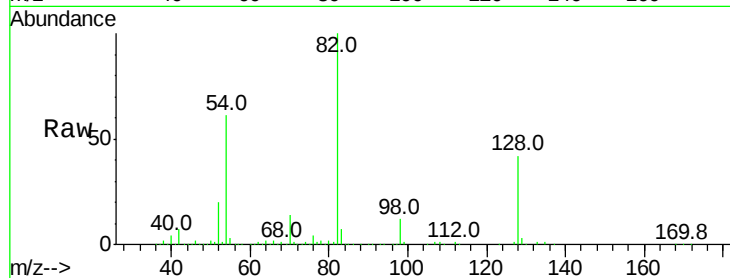




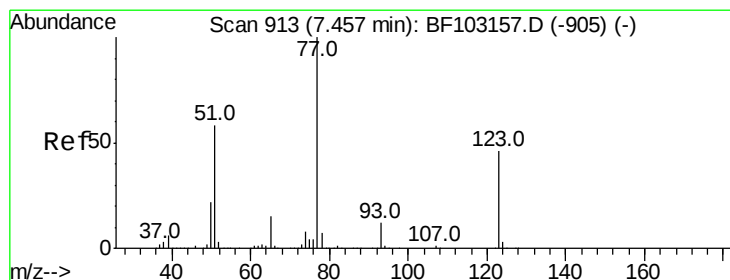
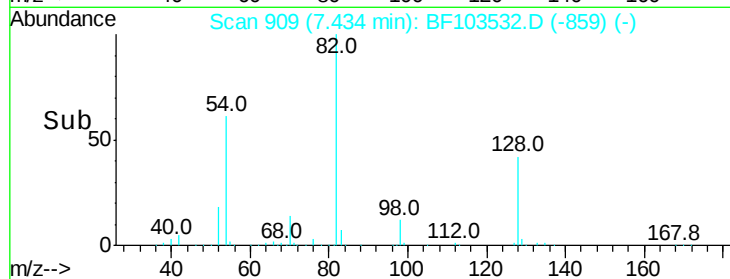
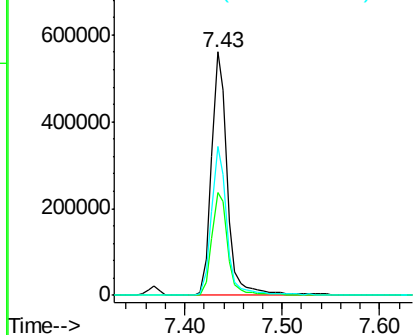
#23
 Nitrobenzene-d5
 Concen: 73.693 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103532.D
 Acq: 8 Mar 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 636773
 Ion Ratio Lower Upper
 82 100
 128 42.4 36.1 54.1
 54 61.0 41.4 62.2

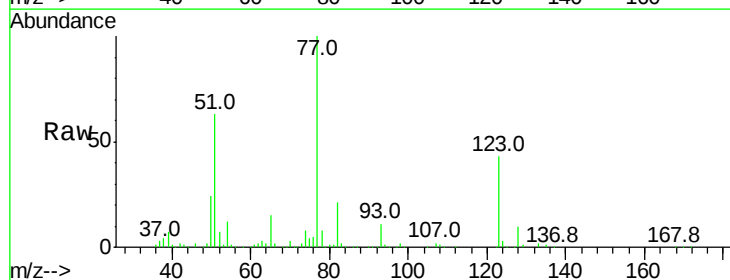


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

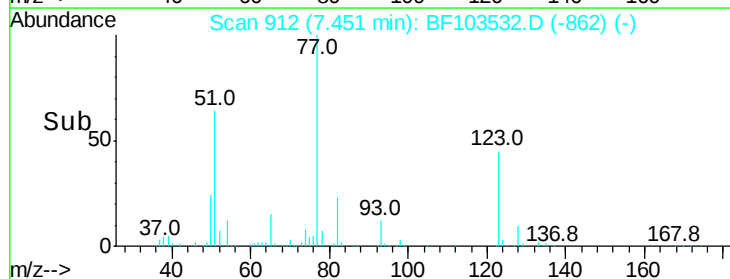
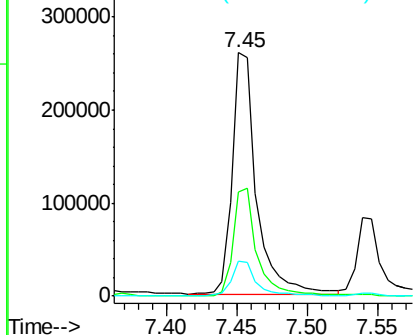


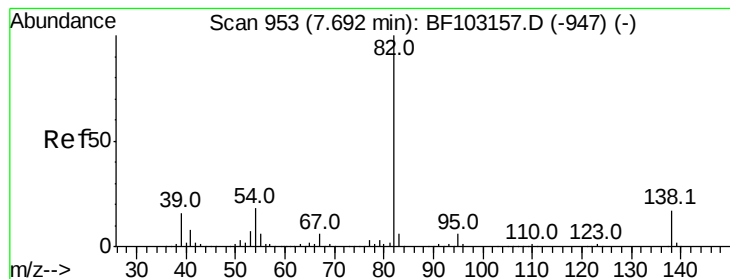
#24
 Nitrobenzene
 Concen: 33.379 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF103532.D
 Acq: 8 Mar 2018 22:15

Tgt Ion: 77 Resp: 317551
 Ion Ratio Lower Upper
 77 100
 123 42.9 37.9 56.9
 65 14.5 11.0 16.4



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





#25

Isophorone

Concen: 34.315 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampleId :

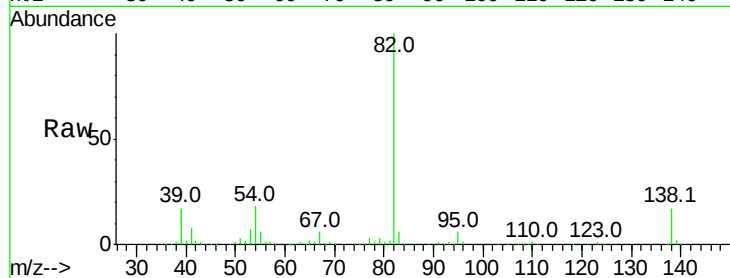
Tot Ion: 82 Resp: 583975

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

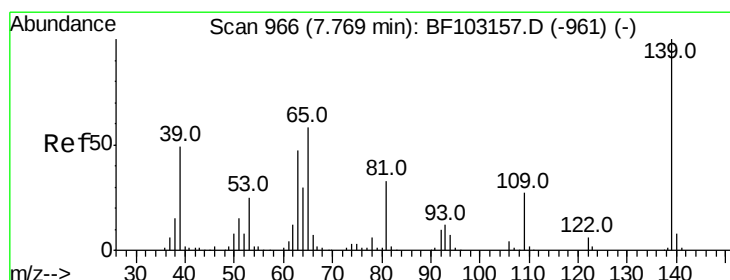
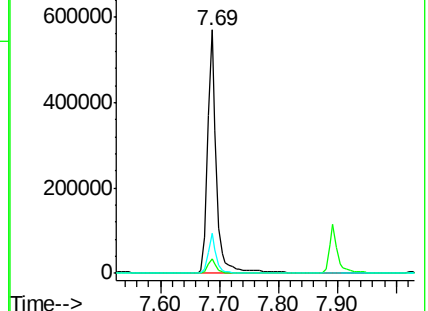
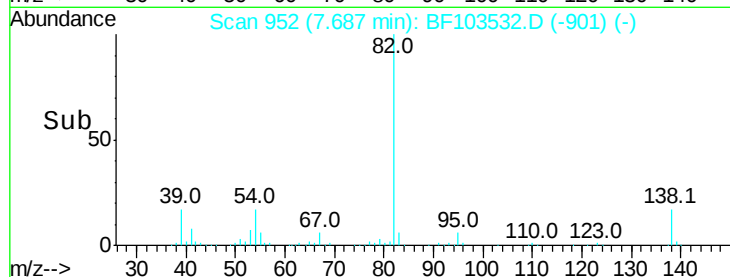
138 16.5 14.9 22.3



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: 24.624 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

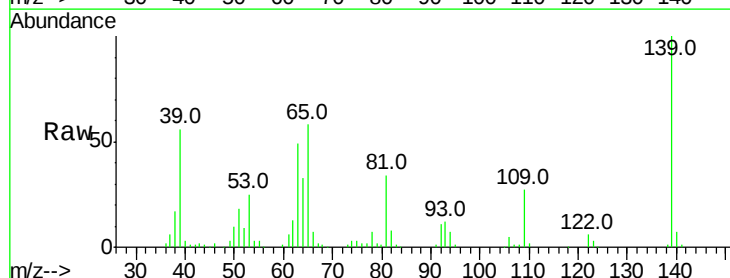
Tgt Ion: 139 Resp: 110284

Ion Ratio Lower Upper

139 100

109 27.5 22.7 34.1

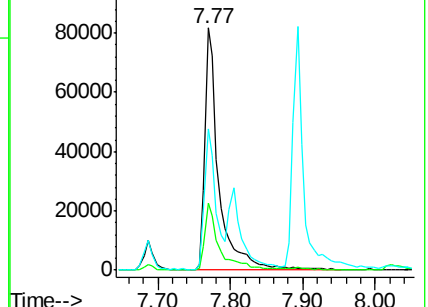
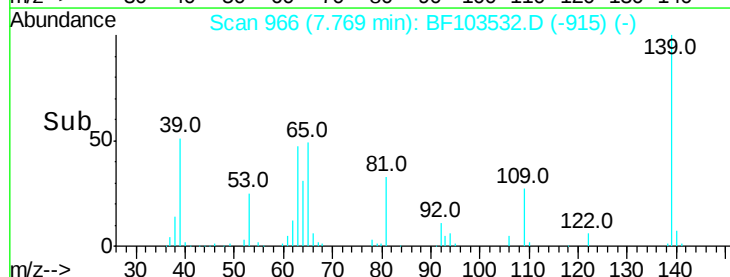
65 58.1 40.5 60.7

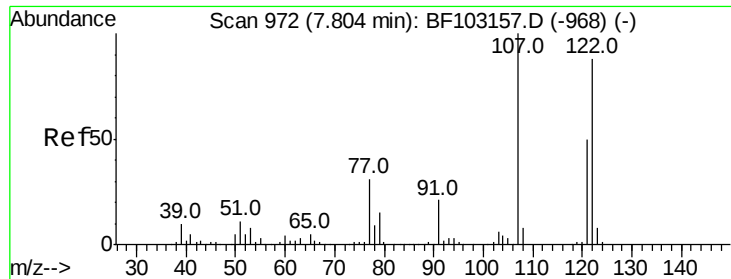


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

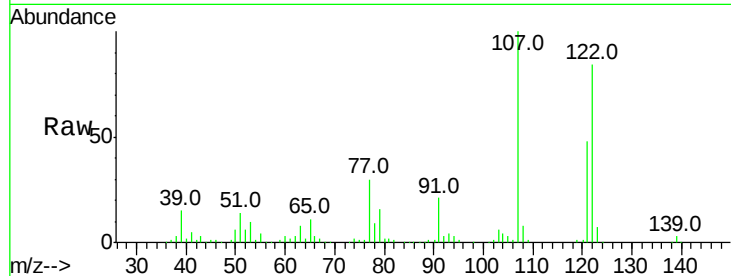




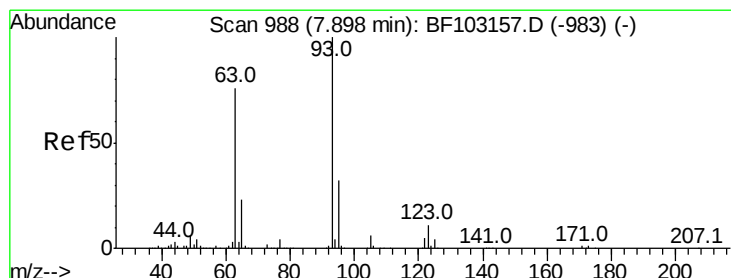
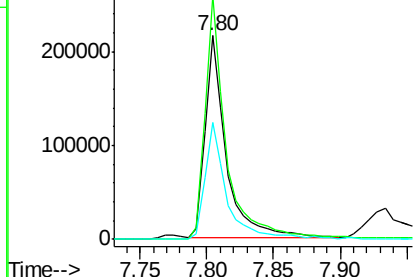
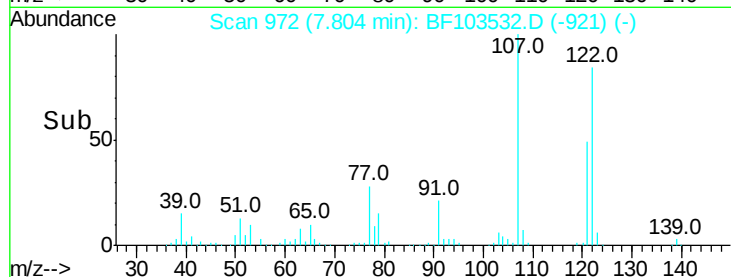
#27
 2,4-Dimethylphenol
 Concen: 34.864 ng
 RT: 7.80 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF103532.D
 Acq: 8 Mar 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 238670
 Ion Ratio Lower Upper
 122 100
 107 119.6 91.2 136.8
 121 57.7 47.2 70.8

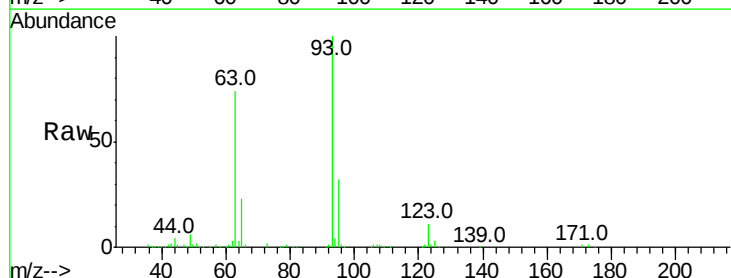


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

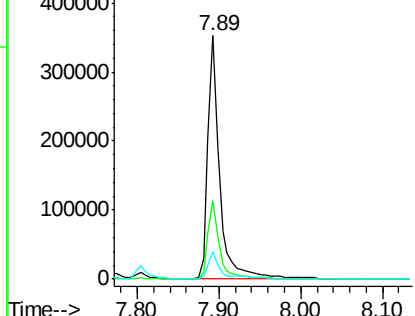
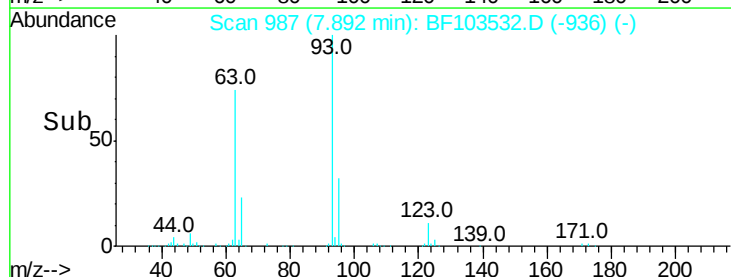


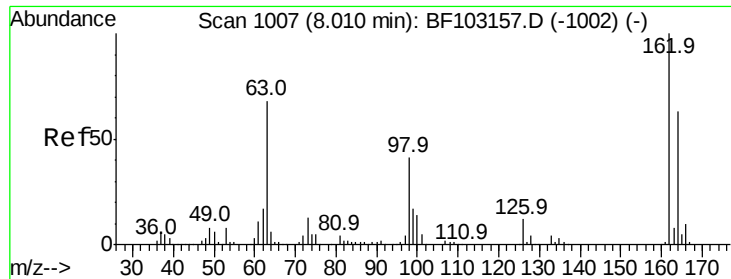
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.419 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF103532.D
 Acq: 8 Mar 2018 22:15

Tgt Ion: 93 Resp: 354390
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.3 39.5
 123 11.0 9.8 14.6



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

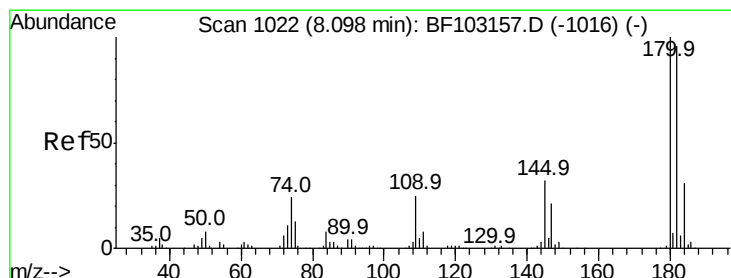
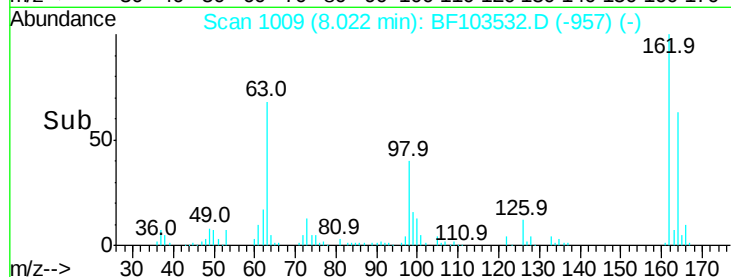
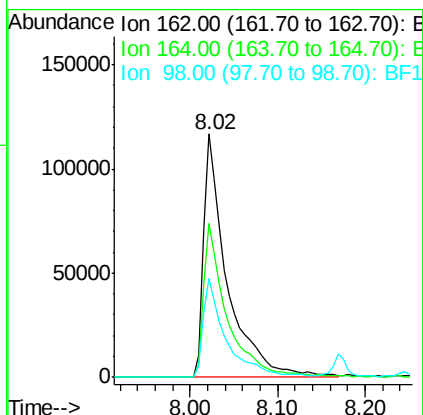
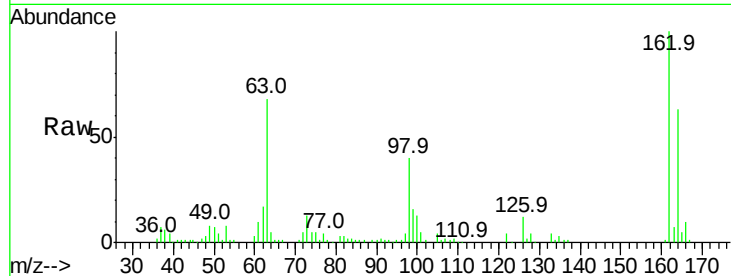




#29
 2,4-Dichlorophenol
 Concen: 33.259 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF103532.D
 Acq: 8 Mar 2018 22:15

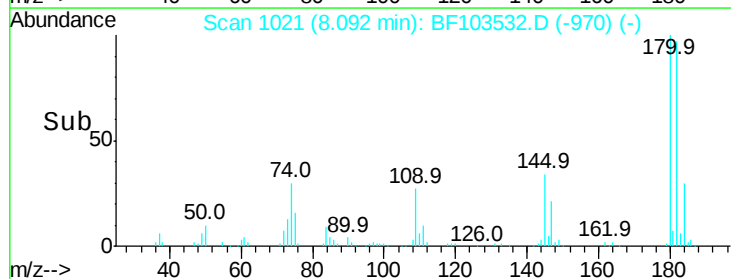
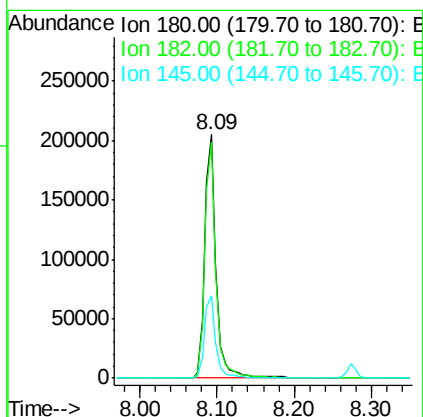
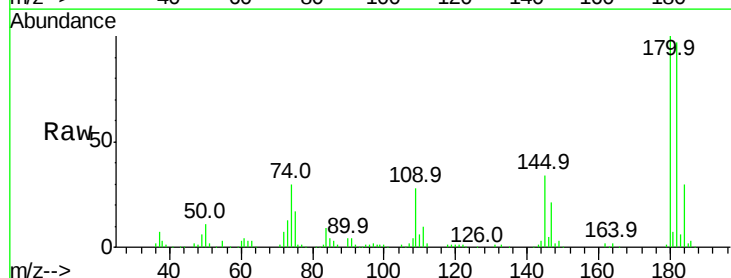
Instrument :
 BNA_F
 ClientSampleId :

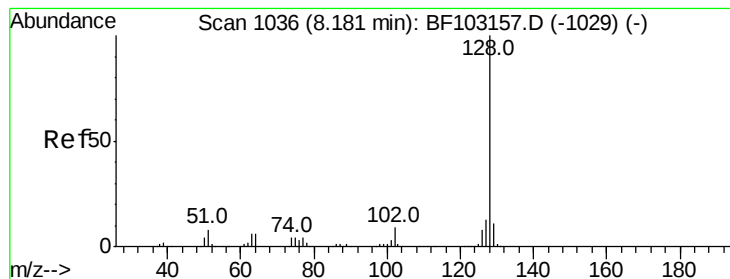
Tot Ion:162 Resp: 217986
 Ion Ratio Lower Upper
 162 100
 164 63.2 42.7 82.7
 98 40.5 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 30.091 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF103532.D
 Acq: 8 Mar 2018 22:15

Tgt Ion:180 Resp: 210023
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.8 115.2
 145 33.7 26.5 39.7





#31

Naphthalene

Concen: 32.381 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampleId :

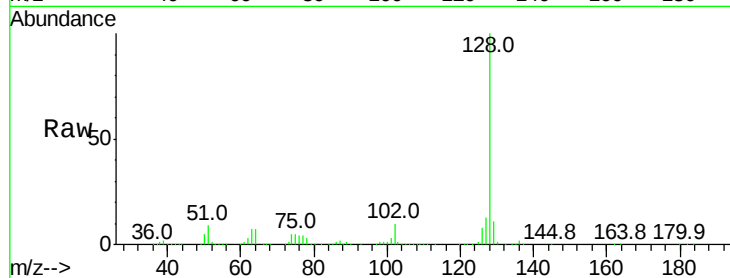
Tot Ion:128 Resp: 782298

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

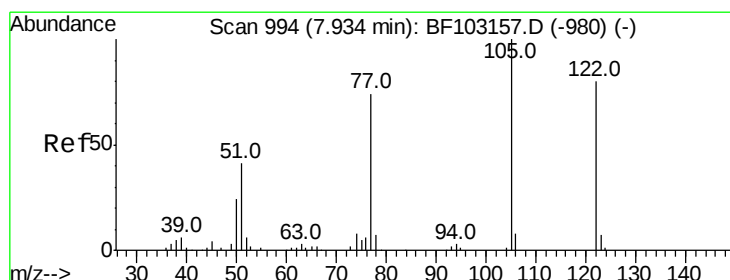
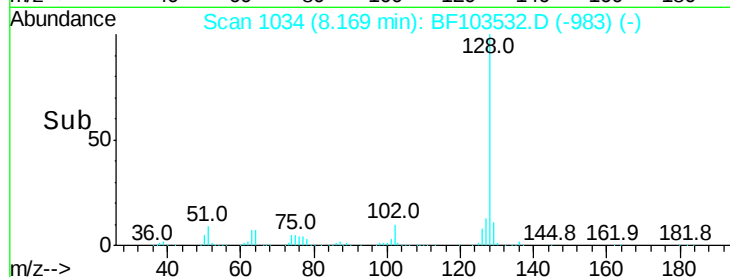
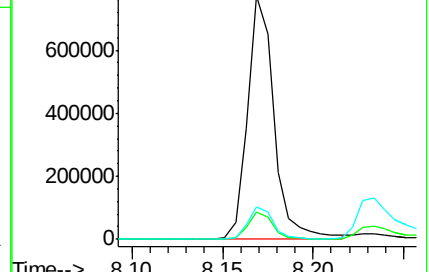
127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.600 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.03 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

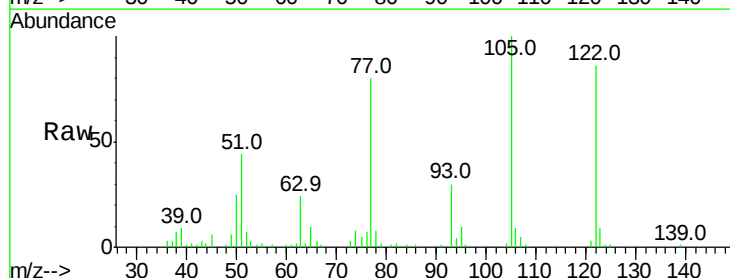
Tgt Ion:122 Resp: 81206

Ion Ratio Lower Upper

122 100

105 116.4 101.1 141.1

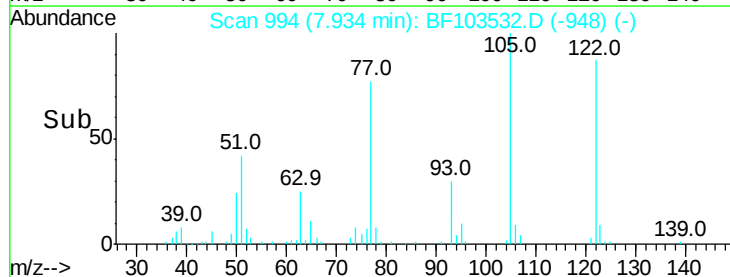
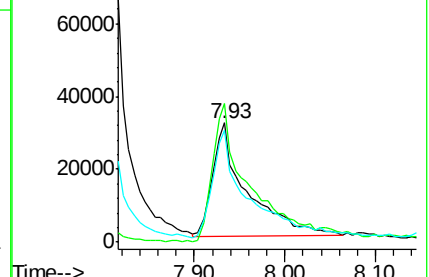
77 93.6 70.7 110.7

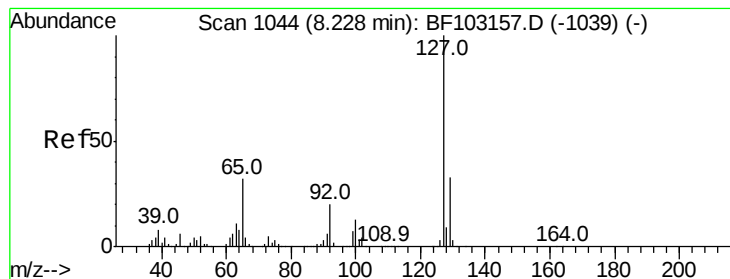


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 21.833 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 227617

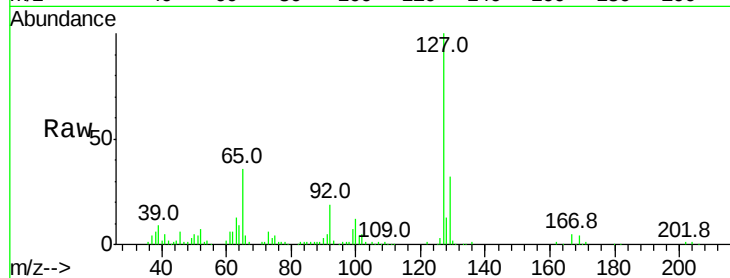
Ion Ratio Lower Upper

127 100

129 32.1 25.9 38.9

65 35.6 25.0 37.4

92 18.7 15.2 22.8

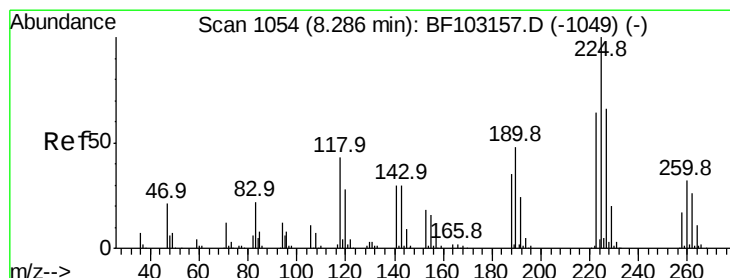
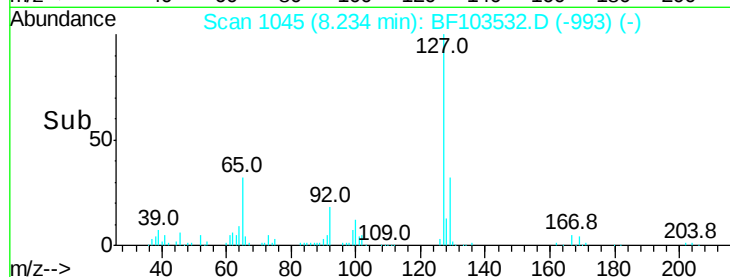
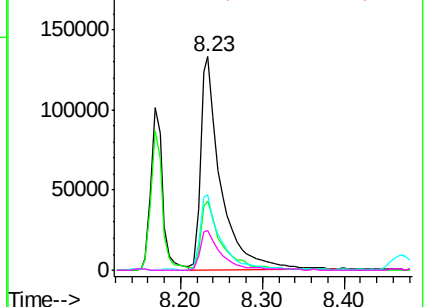


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 29.238 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

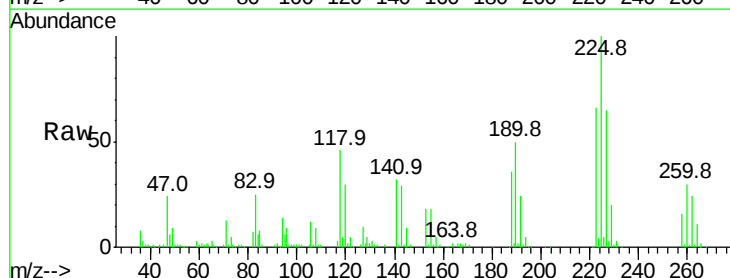
Tgt Ion:225 Resp: 106265

Ion Ratio Lower Upper

225 100

223 65.9 50.6 76.0

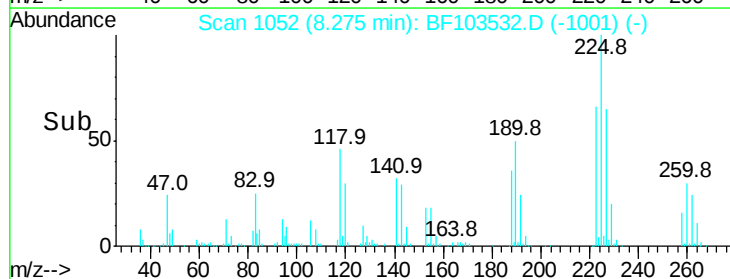
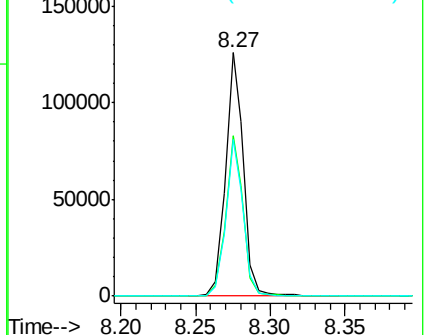
227 64.5 51.9 77.9

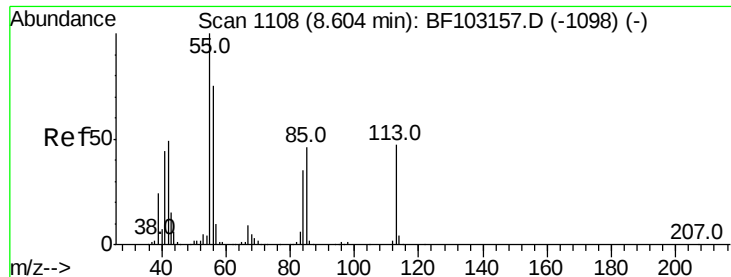


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.545 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampleId :

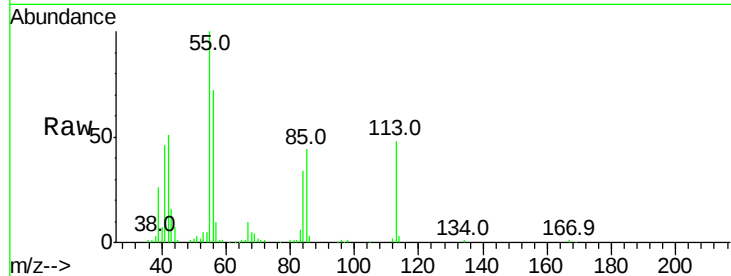
Tot Ion:113 Resp: 68058

Ion Ratio Lower Upper

113 100

55 209.8 163.3 203.3#

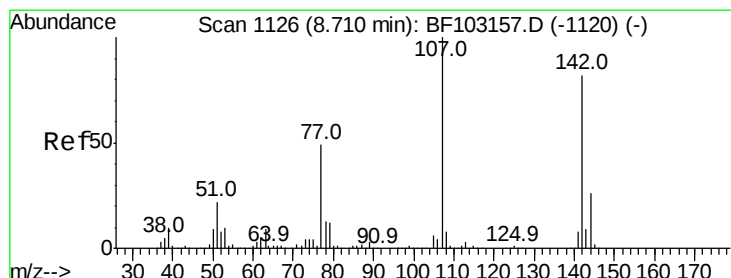
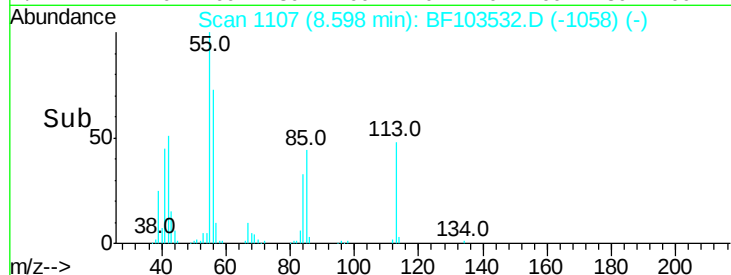
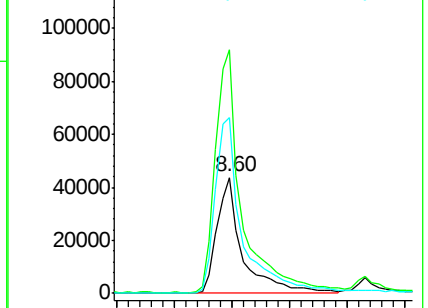
56 151.4 115.7 155.7



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: 32.219 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

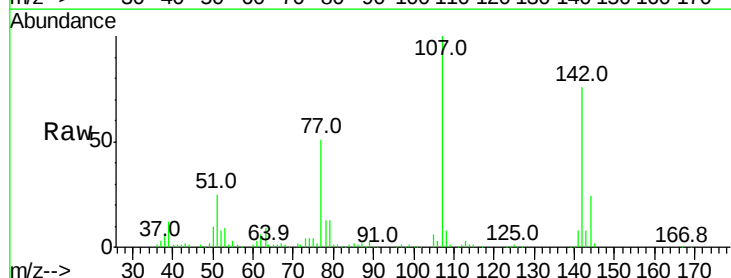
Tgt Ion:107 Resp: 238185

Ion Ratio Lower Upper

107 100

144 24.4 20.5 30.7

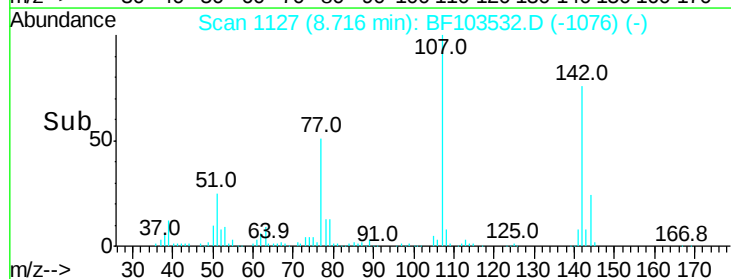
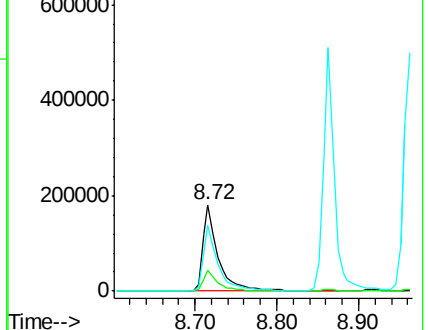
142 76.5 62.0 93.0

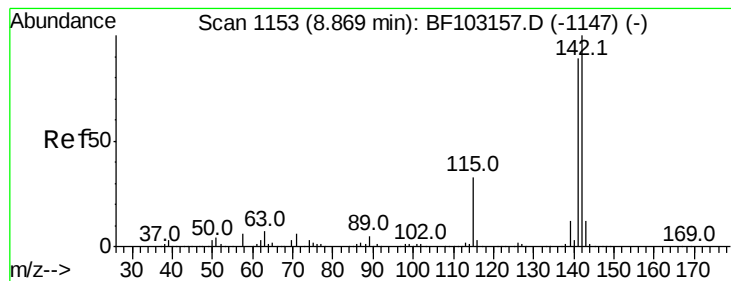


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 30.811 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampleId :

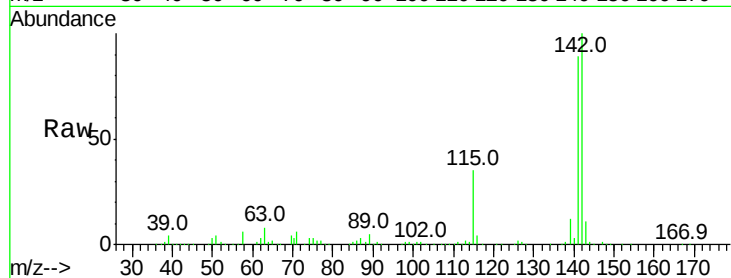
Tot Ion:142 Resp: 481075

Ion Ratio Lower Upper

142 100

141 89.4 70.8 106.2

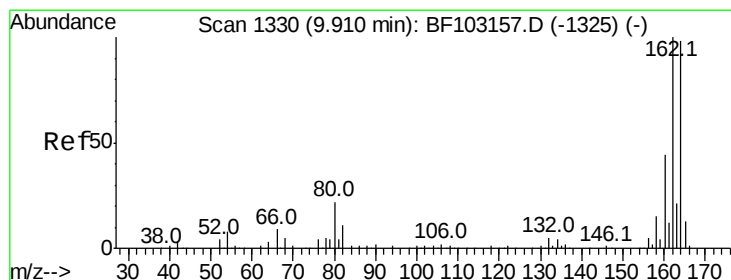
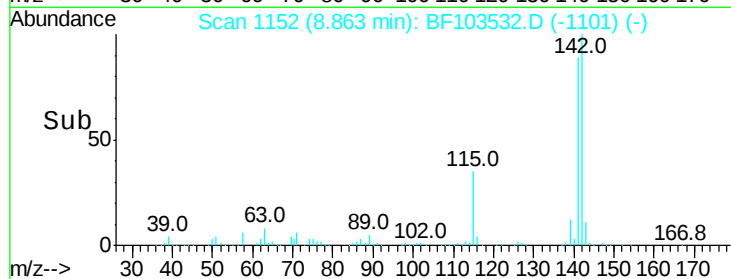
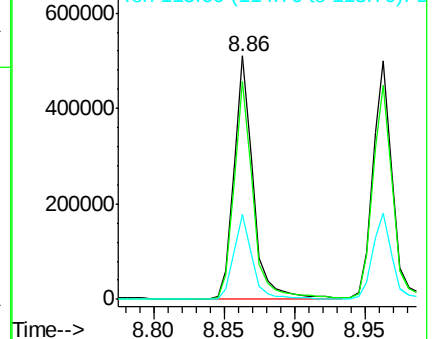
115 34.8 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

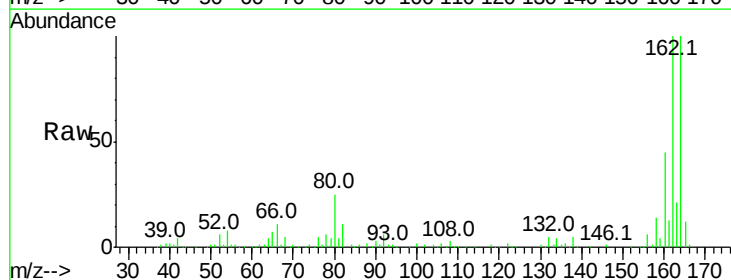
Tgt Ion:164 Resp: 187740

Ion Ratio Lower Upper

164 100

162 100.5 86.1 129.1

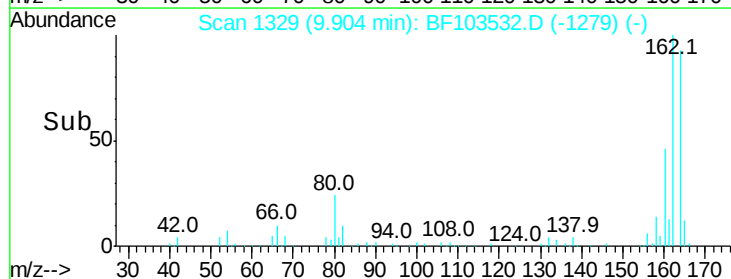
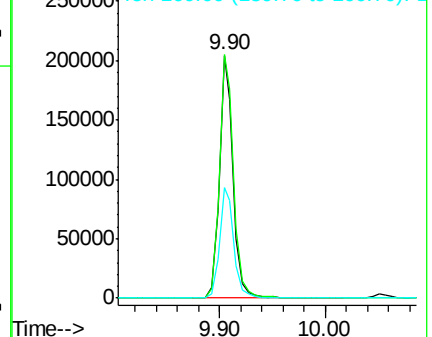
160 45.4 38.3 57.5

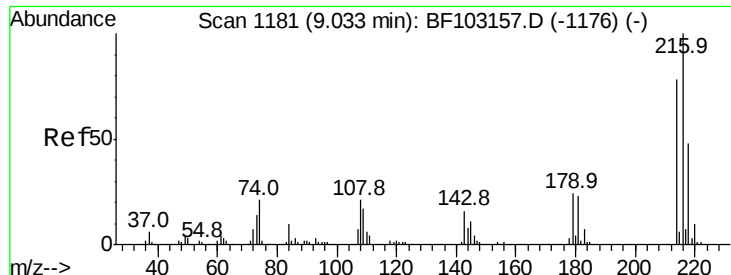


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

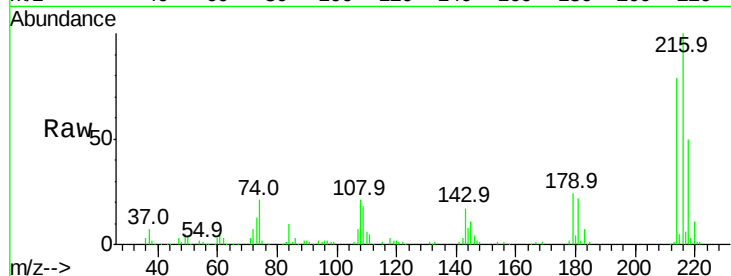




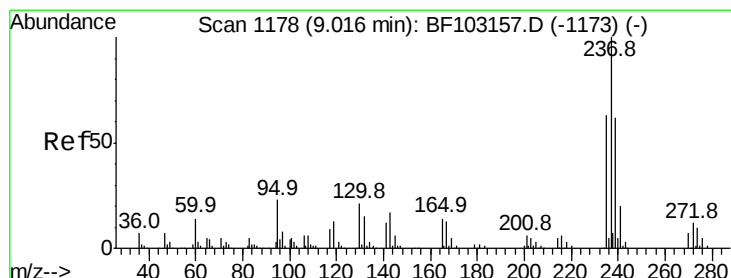
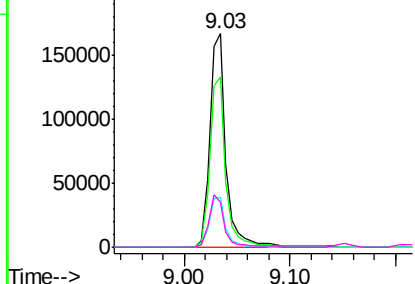
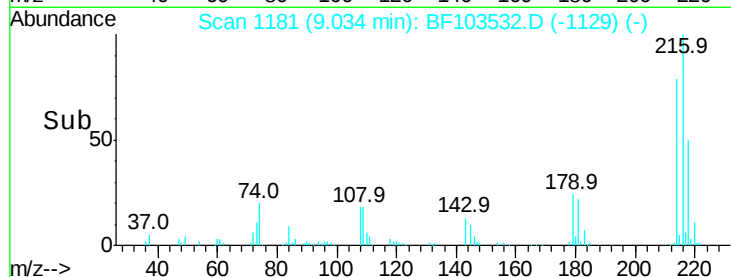
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.122 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF103532.D
 Acq: 8 Mar 2018 22:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	180260
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	23.6	18.1	27.1
108	23.5	17.2	25.8

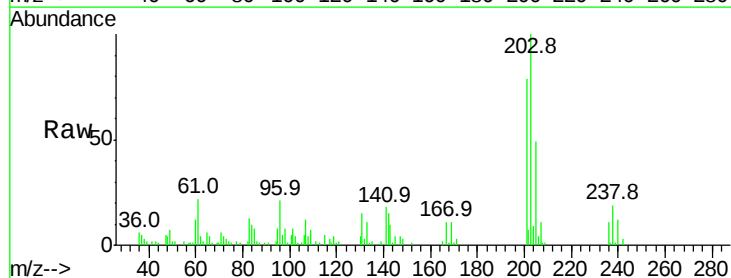


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

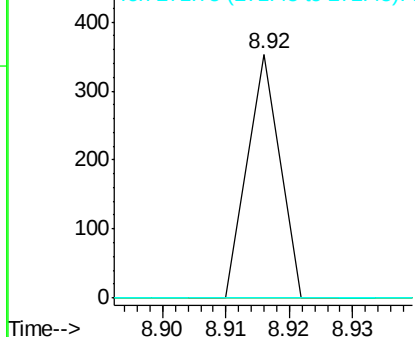
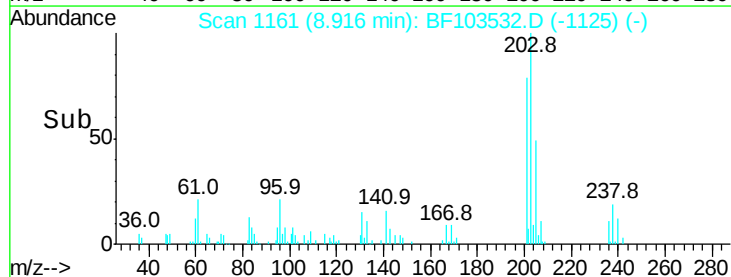


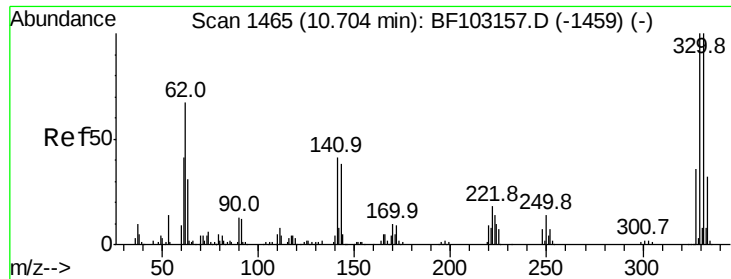
#40
 Hexachlorocyclopentadiene
 Concen: 8.943 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. -0.09 min
 Lab File: BF103532.D
 Acq: 8 Mar 2018 22:15

Tgt Ion:	237	Resp:	125
Ion	Ratio	Lower	Upper
237	100		
235	0.0	44.8	84.8#
272	0.0	0.0	33.3



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

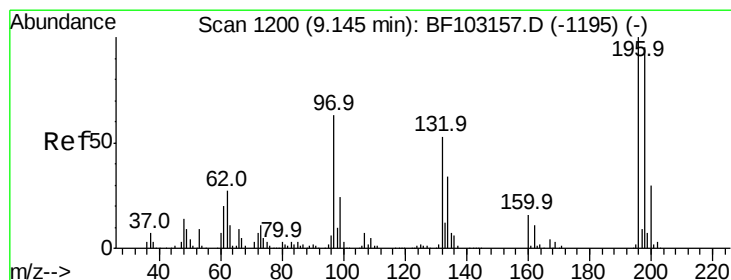
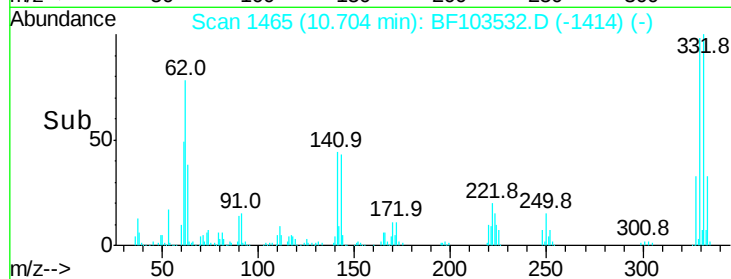
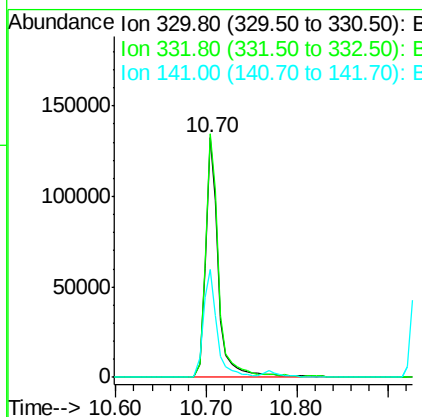
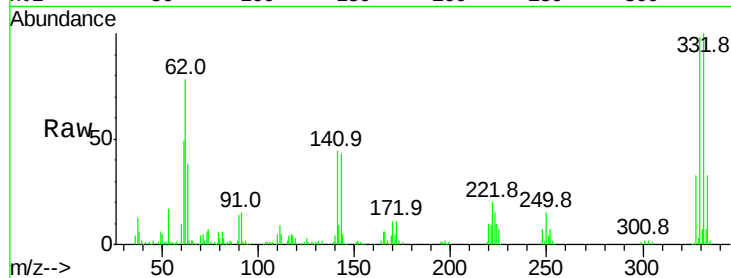




#41
 2,4,6-Tribromophenol
 Concen: 84.203 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103532.D
 Acq: 8 Mar 2018 22:15

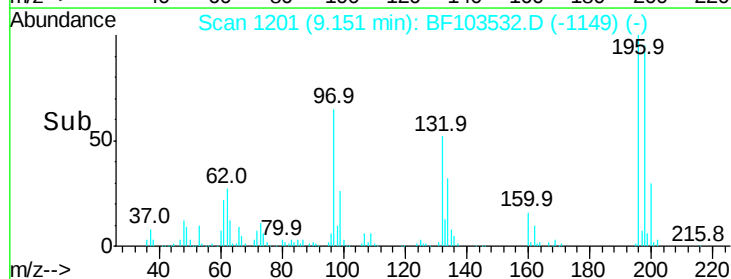
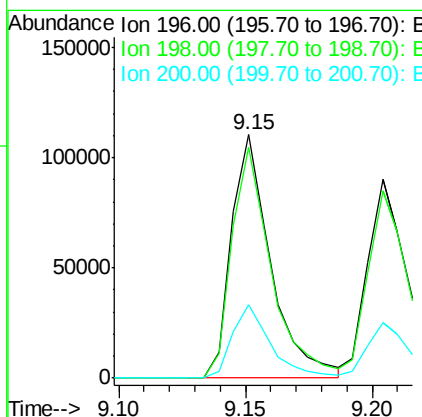
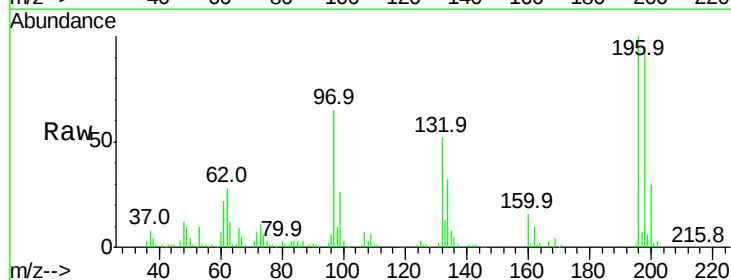
Instrument :
 BNA_F
 ClientSampleId :

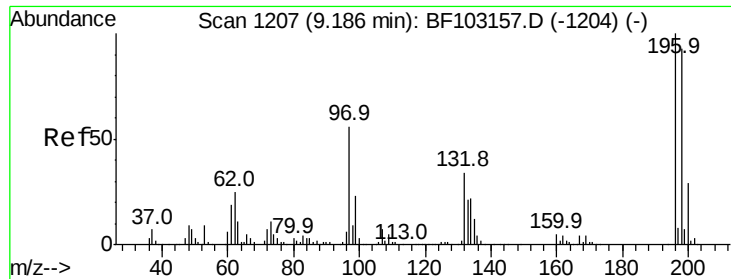
Tot Ion:330 Resp: 133809
 Ion Ratio Lower Upper
 330 100
 332 102.1 77.0 115.6
 141 47.4 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 34.527 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF103532.D
 Acq: 8 Mar 2018 22:15

Tgt Ion:196 Resp: 119240
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.7 113.5
 200 30.2 24.5 36.7

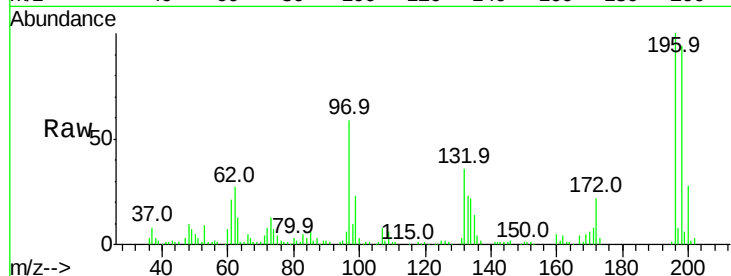




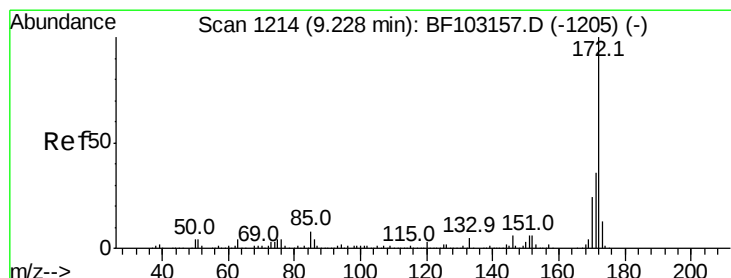
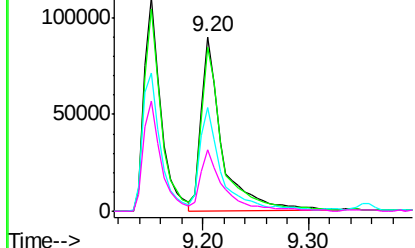
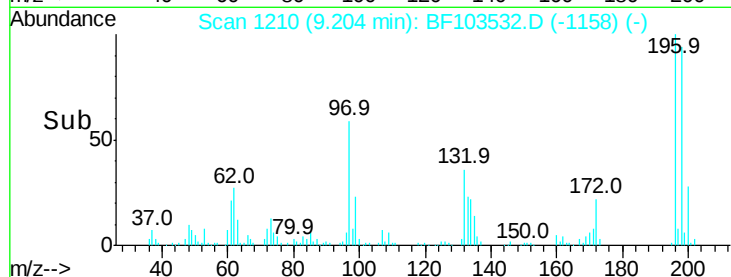
#43
2,4,5-Trichlorophenol
Concen: 30.621 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 121627
Ion Ratio Lower Upper
196 100
198 94.2 74.6 112.0
97 59.3 42.9 64.3
132 35.6 26.3 39.5

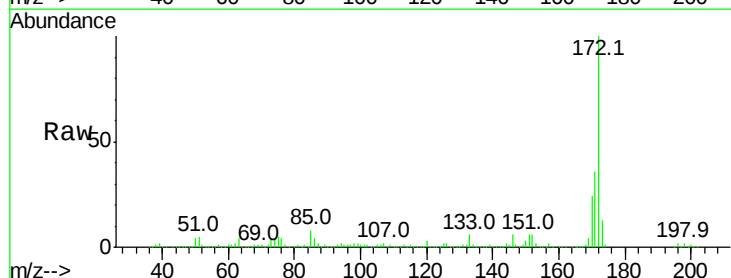


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

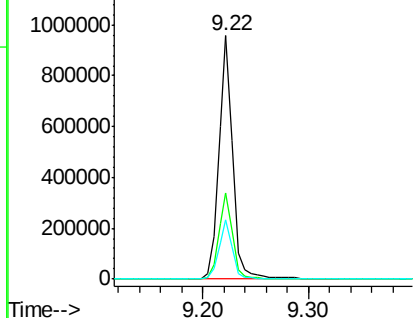
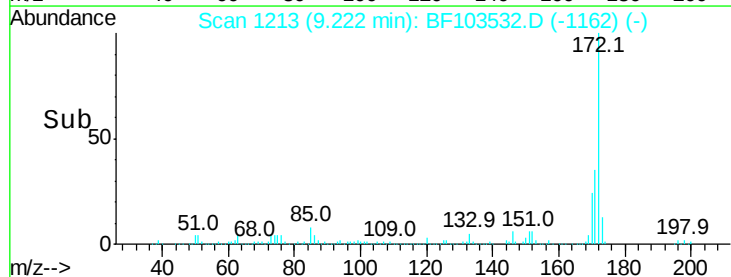


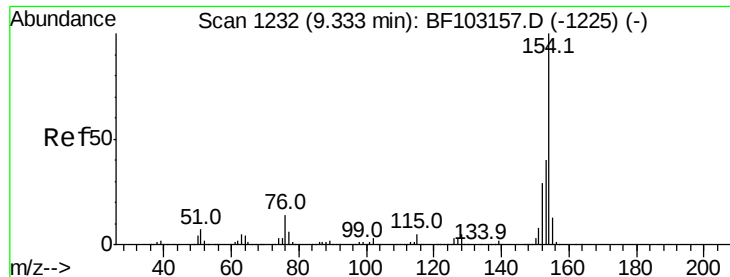
#44
2-Fluorobiphenyl
Concen: 81.190 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

Tgt Ion:172 Resp: 894446
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 24.4 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 35.044 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampleId :

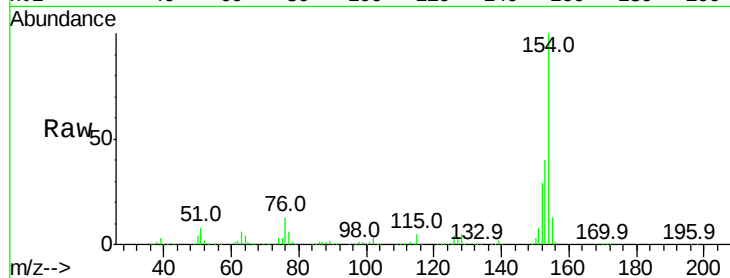
Tot Ion:154 Resp: 551307

Ion Ratio Lower Upper

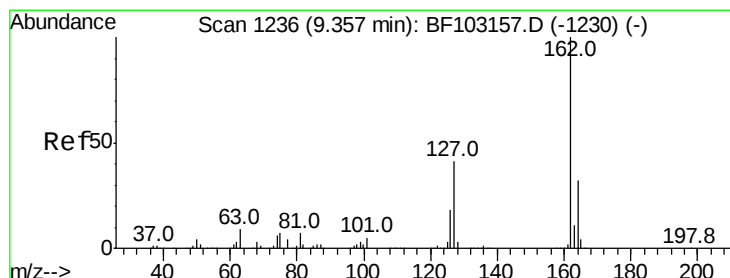
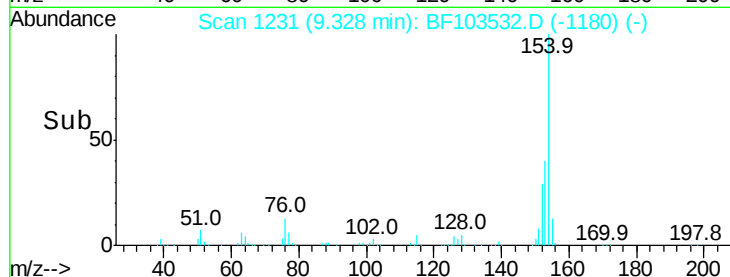
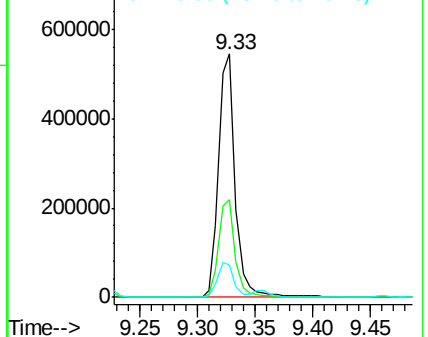
154 100

153 40.0 21.3 61.3

76 13.3 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 34.498 ng

RT: 9.36 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

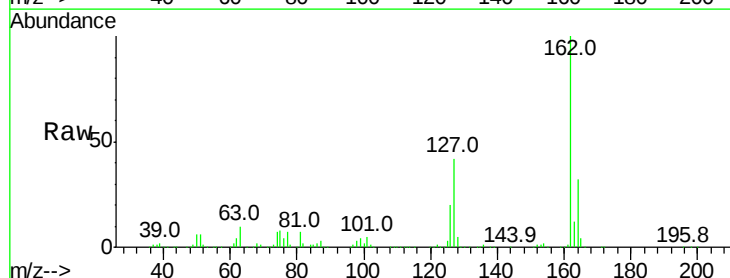
Tgt Ion:162 Resp: 429359

Ion Ratio Lower Upper

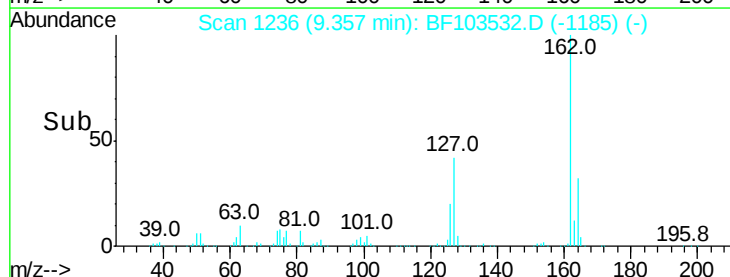
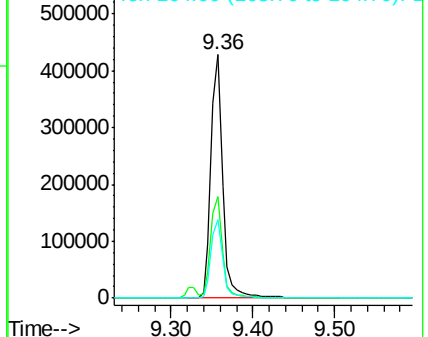
162 100

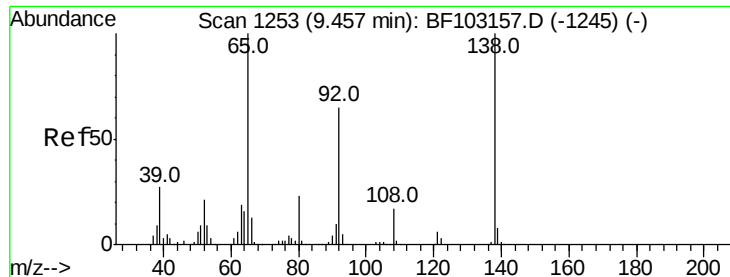
127 41.8 33.9 50.9

164 32.4 26.5 39.7



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





#47

2-Nitroaniline

Concen: 39.266 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampleId :

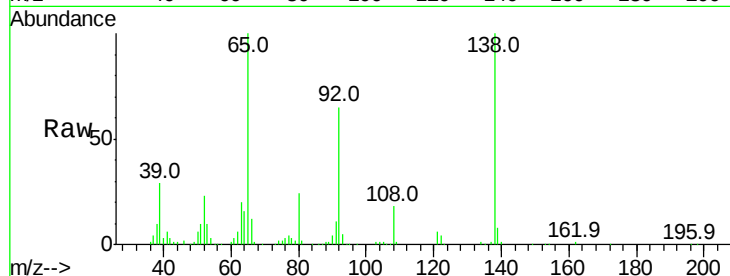
Tot Ion: 65 Resp: 181024

Ion Ratio Lower Upper

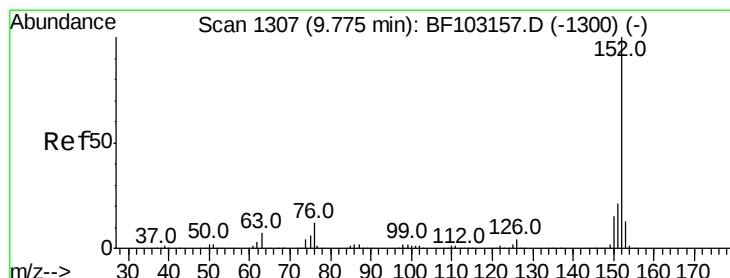
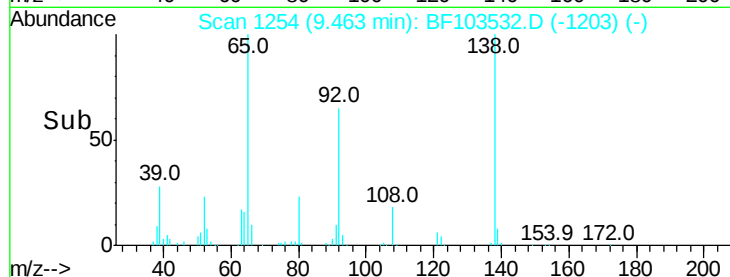
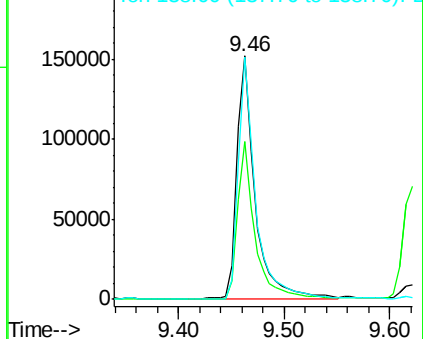
65 100

92 64.7 55.8 83.6

138 99.7 91.2 136.8



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): BF1



#48

Acenaphthylene

Concen: 31.798 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

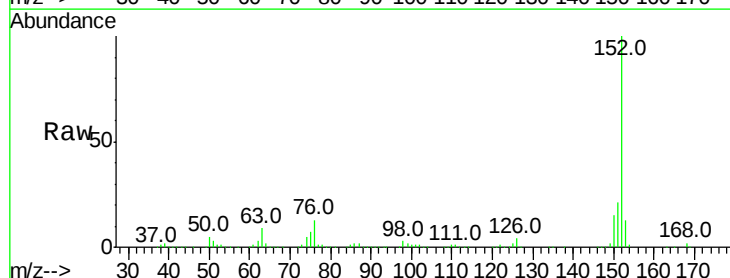
Tgt Ion: 152 Resp: 608907

Ion Ratio Lower Upper

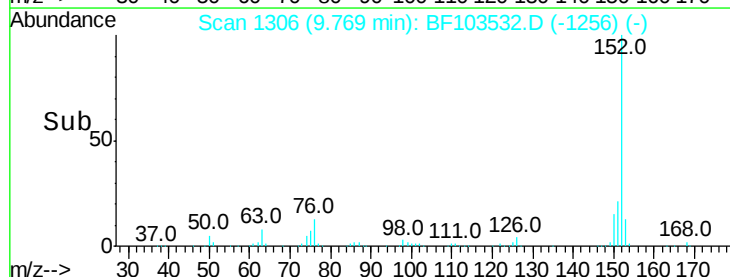
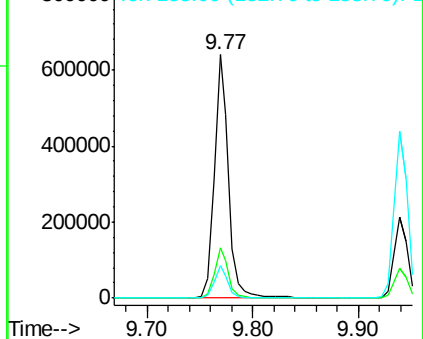
152 100

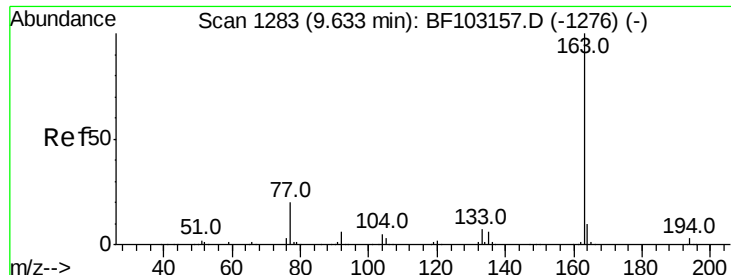
151 20.6 16.3 24.5

153 13.3 10.7 16.1



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

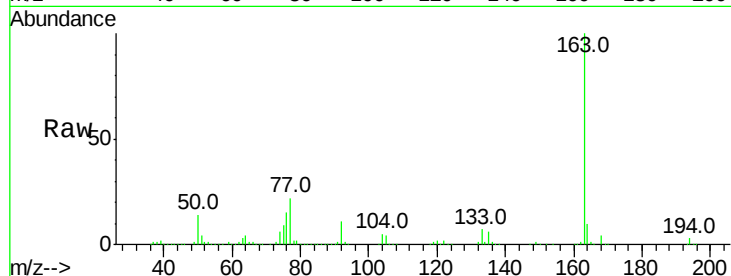




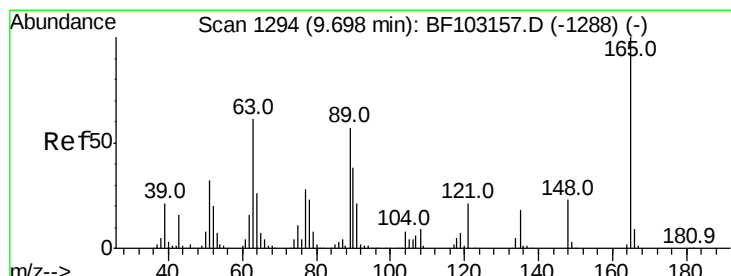
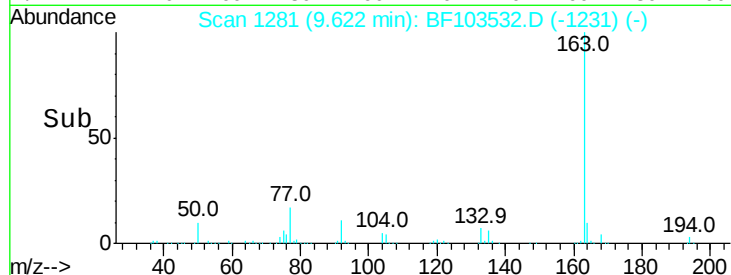
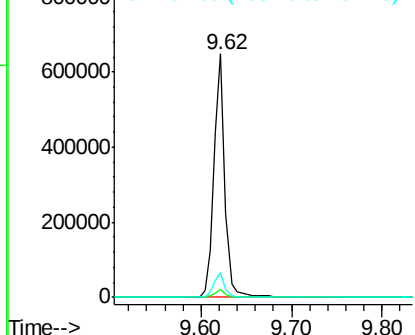
#49
Dimethylphthalate
Concen: 36.643 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 551875
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.0 8.2 12.2

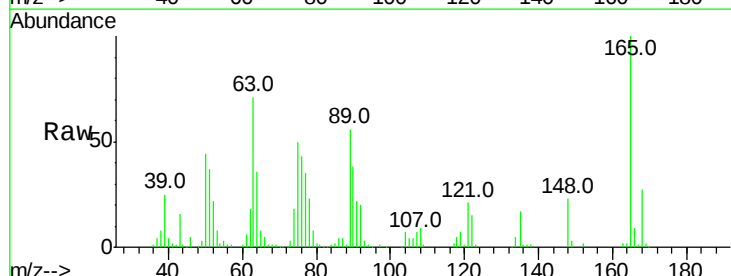


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

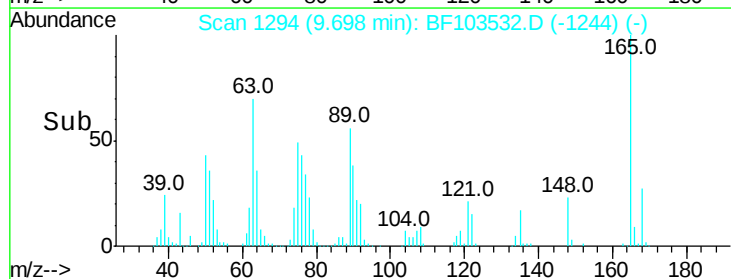
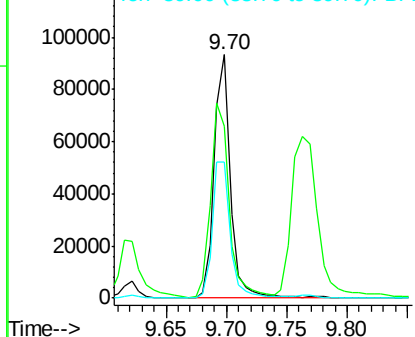


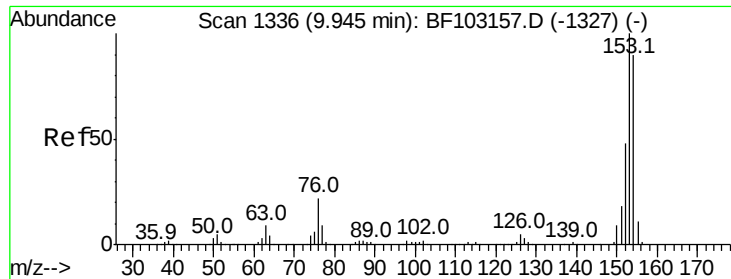
#50
2,6-Dinitrotoluene
Concen: 27.214 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

Tgt Ion:165 Resp: 86011
Ion Ratio Lower Upper
165 100
63 70.6 44.7 67.1#
89 56.2 44.0 66.0



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

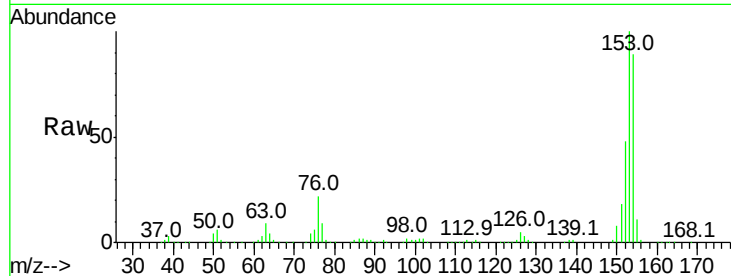




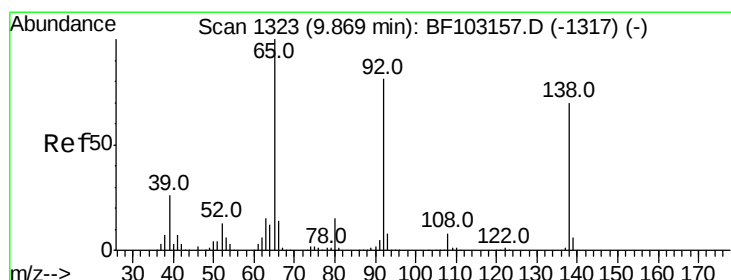
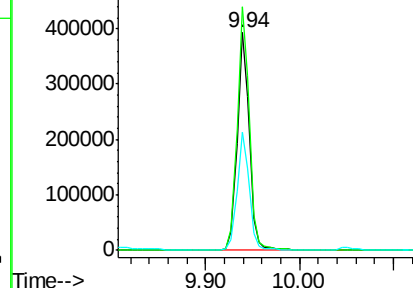
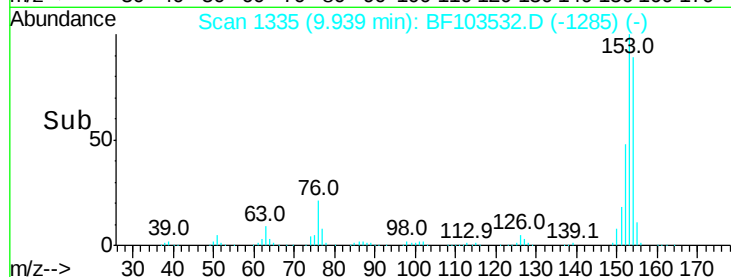
#51
Acenaphthene
Concen: 31.612 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 352980
Ion Ratio Lower Upper
154 100
153 111.9 91.2 136.8
152 54.1 43.8 65.8

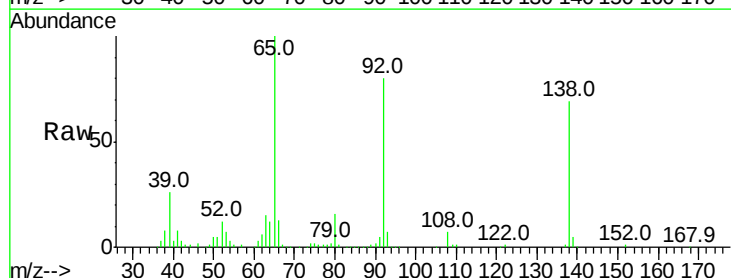


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

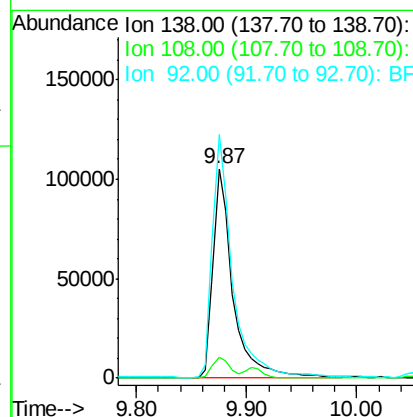
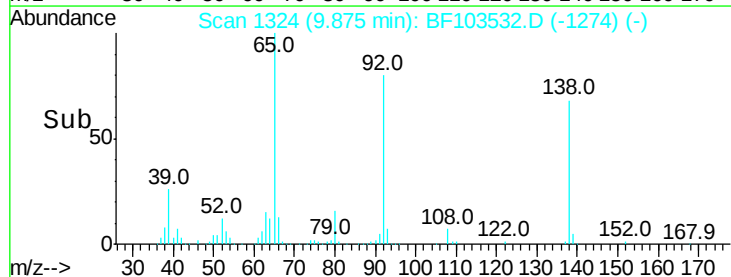


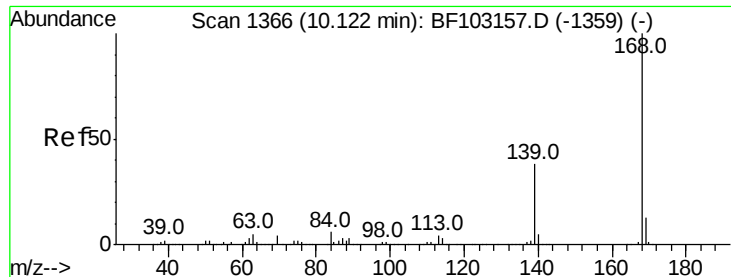
#52
3-Nitroaniline
Concen: 32.437 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

Tgt Ion:138 Resp: 130070
Ion Ratio Lower Upper
138 100
108 10.2 9.4 14.0
92 116.2 89.4 134.2



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

Dibenzofuran

Concen: 33.464 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampleId :

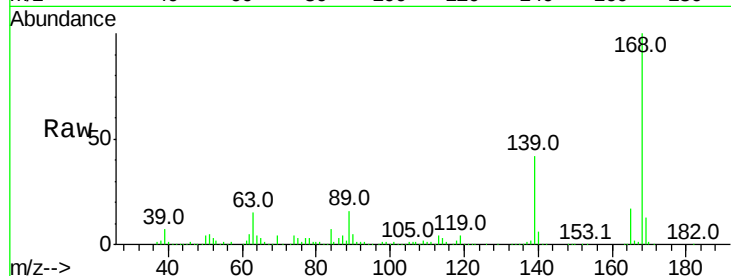
Tot Ion:168 Resp: 512946

Ion Ratio Lower Upper

168 100

139 42.4 30.1 45.1

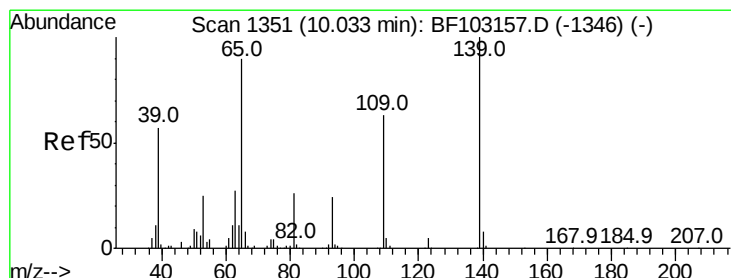
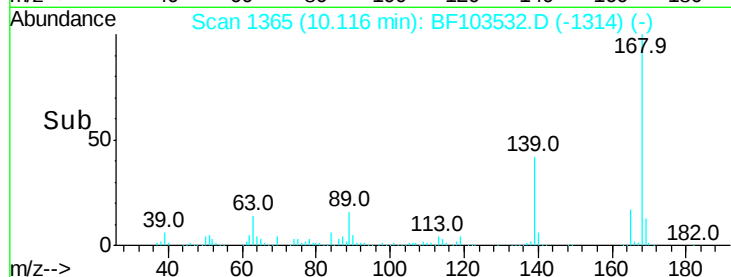
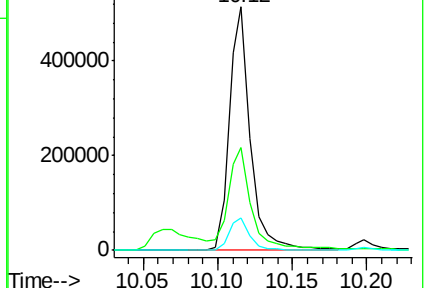
169 13.1 10.9 16.3



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



#55

4-Nitrophenol

Concen: 34.706 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

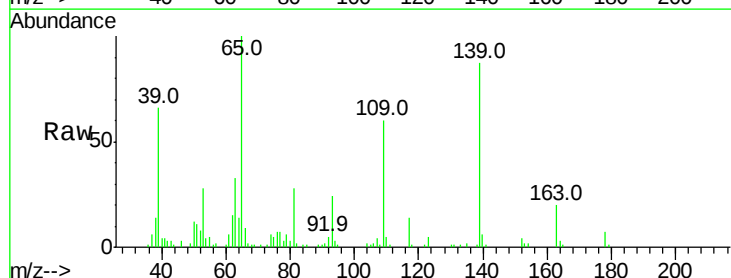
Tgt Ion:139 Resp: 86252

Ion Ratio Lower Upper

139 100

109 68.7 48.4 88.4

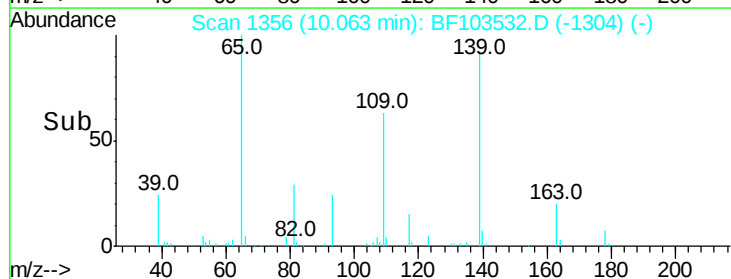
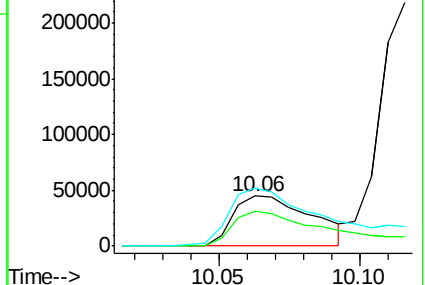
65 115.1 72.6 112.6#

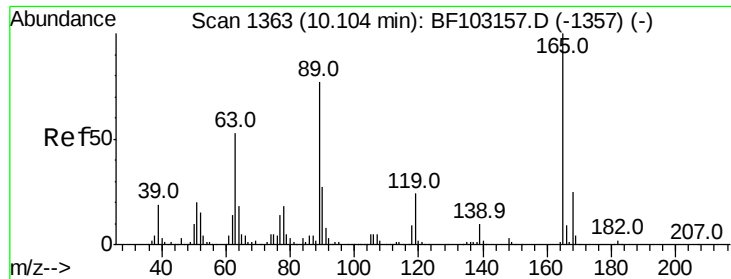


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

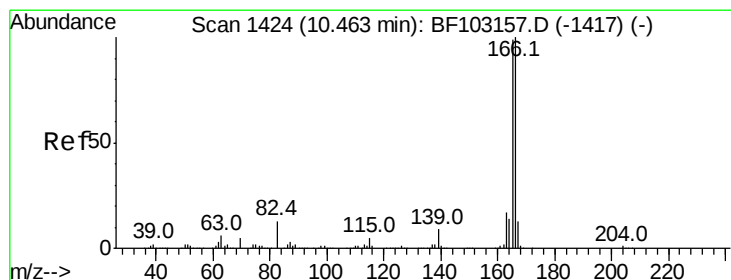
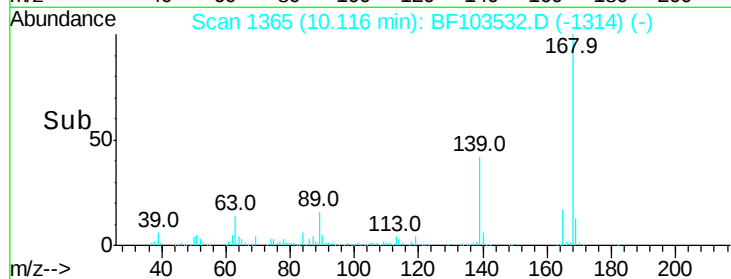
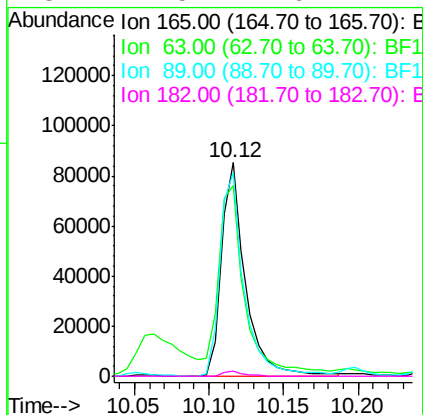
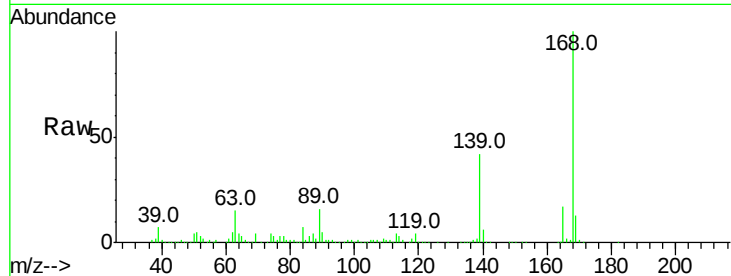




#56
 2,4-Dinitrotoluene
 Concen: 23.933 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF103532.D
 Acq: 8 Mar 2018 22:15

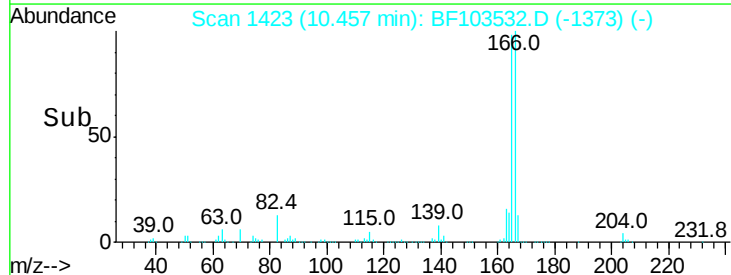
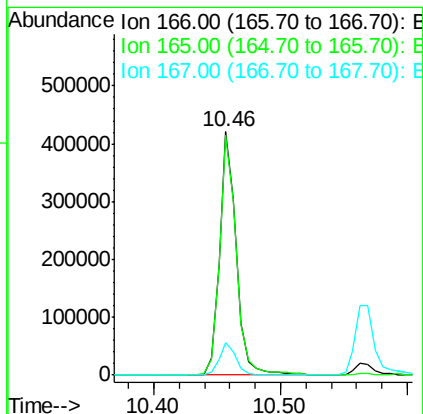
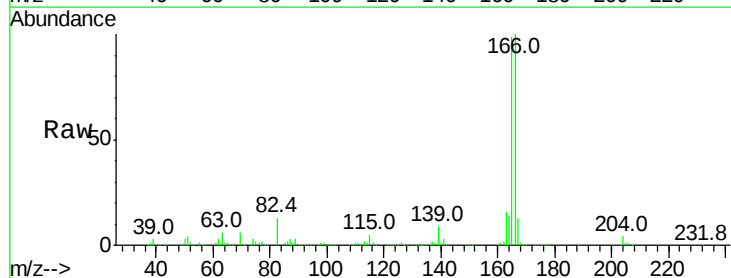
Instrument :
 BNA_F
 ClientSampleId :

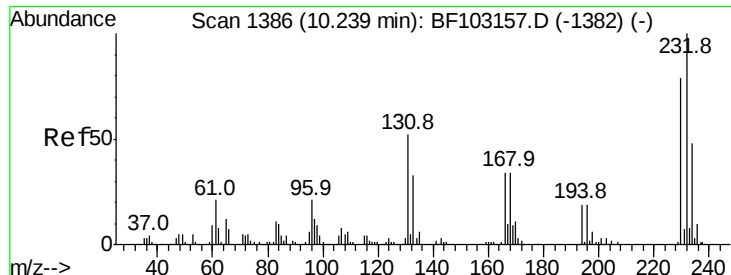
Tot Ion:	165	Resp:	95668
Ion	Ratio	Lower	Upper
165	100		
63	89.2	36.4	54.6#
89	95.0	57.8	86.6#
182	2.5	1.6	2.4#



#57
 Fluorene
 Concen: 29.947 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF103532.D
 Acq: 8 Mar 2018 22:15

Tgt Ion:	166	Resp:	391031
Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.8	119.8
167	13.5	10.6	16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 29.821 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 79571

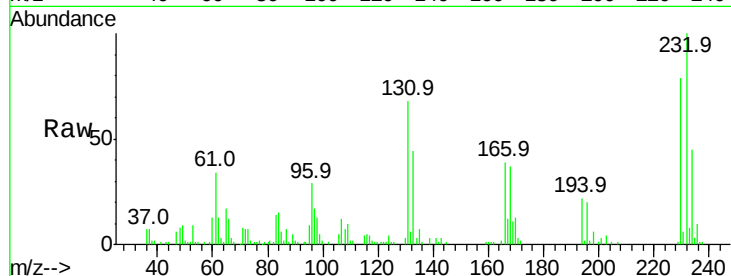
Ion Ratio Lower Upper

232 100

131 63.5 43.8 65.8

130 2.6 2.1 3.1

166 34.8 27.8 41.6

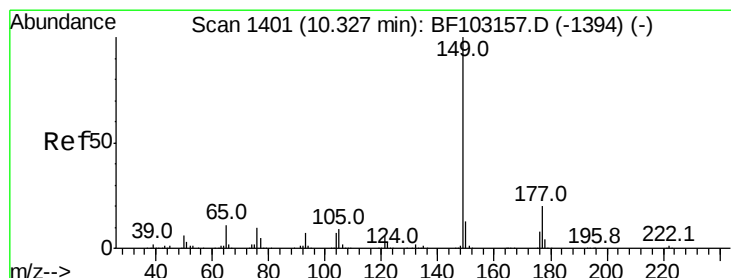
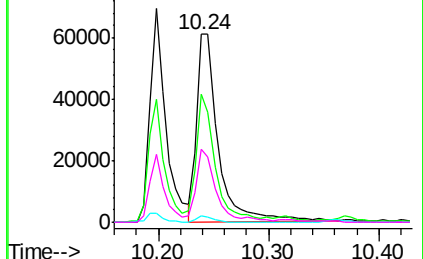
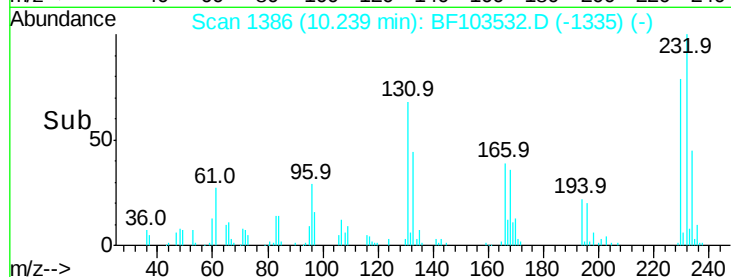


Abundance Ion 232.00 (231.70 to 232.70): E

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



#59

Diethylphthalate

Concen: 31.613 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

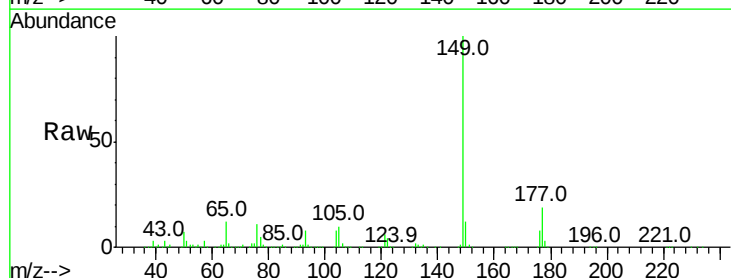
Tgt Ion:149 Resp: 455360

Ion Ratio Lower Upper

149 100

177 19.4 16.1 24.1

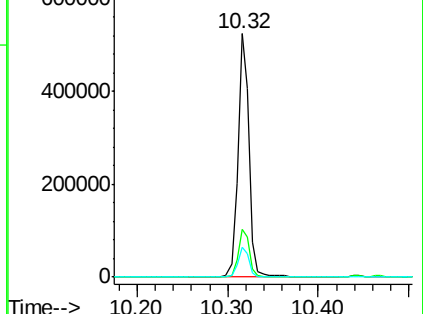
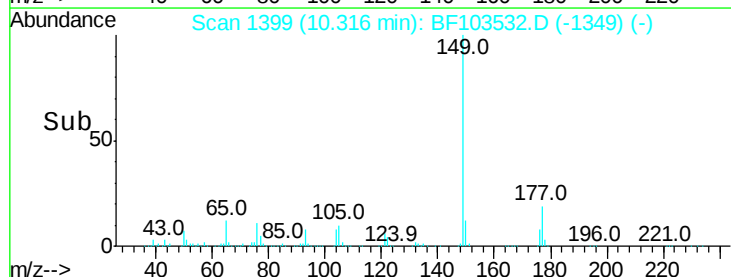
150 12.4 10.1 15.1

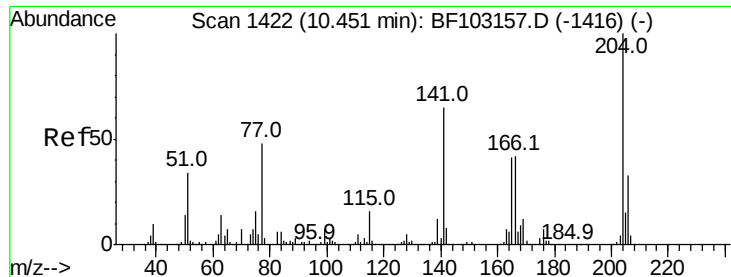


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

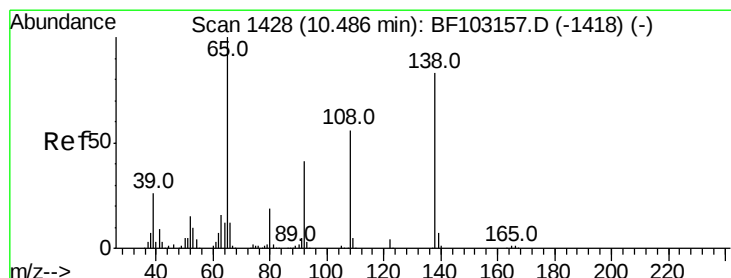
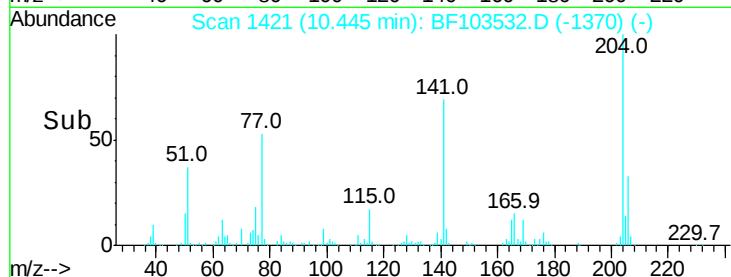
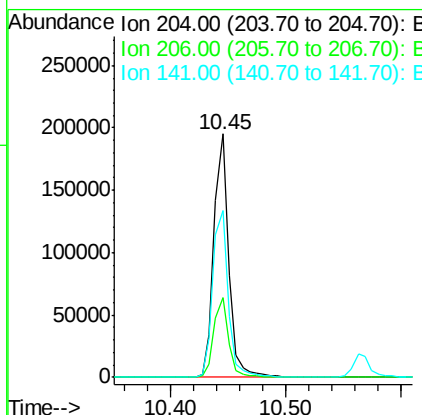
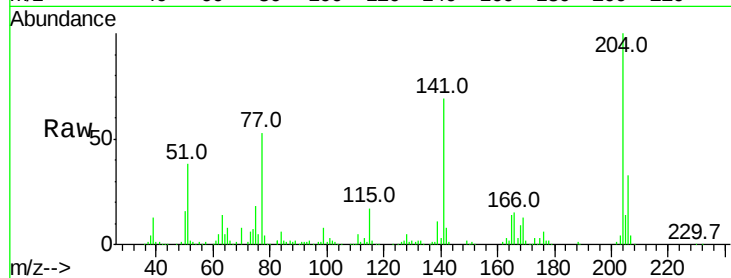




#60
 4-Chlorophenyl-phenylether
 Concen: 31.704 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF103532.D
 Acq: 8 Mar 2018 22:15

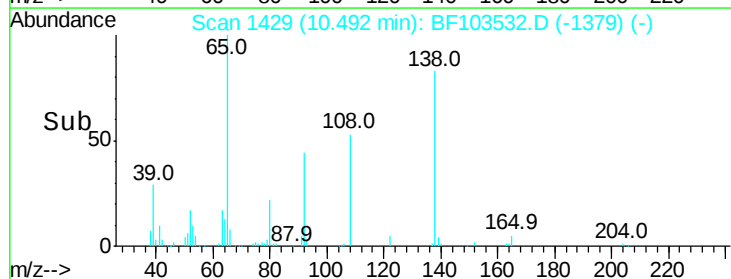
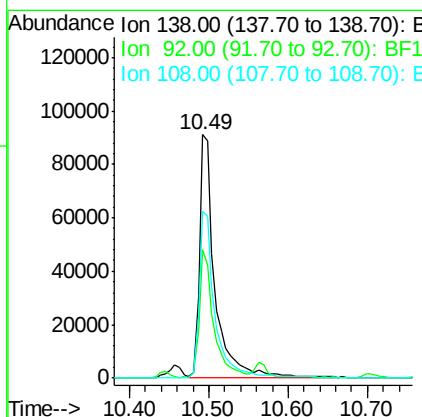
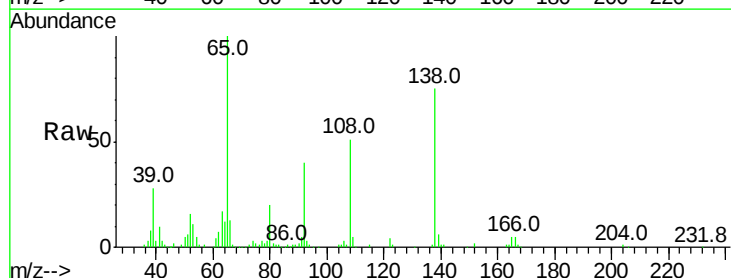
Instrument :
 BNA_F
 ClientSampled :

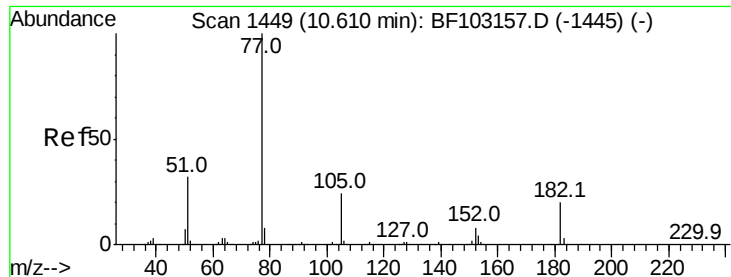
Tot Ion:204 Resp: 175555
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.5 39.7
 141 68.7 54.6 81.8



#61
 4-Nitroaniline
 Concen: 31.762 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF103532.D
 Acq: 8 Mar 2018 22:15

Tgt Ion:138 Resp: 127213
 Ion Ratio Lower Upper
 138 100
 92 52.8 30.2 70.2
 108 68.3 52.5 92.5





#62

Azobenzene

Concen: 32.405 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 475119

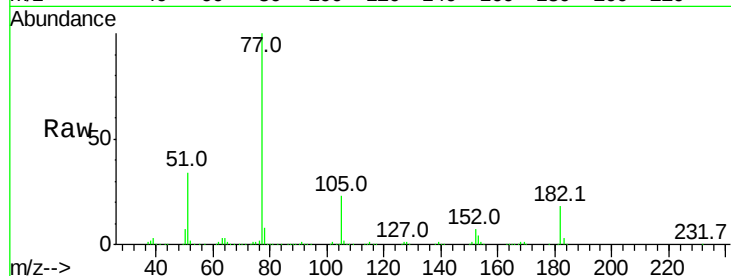
Ion Ratio Lower Upper

77 100

182 17.5 1.7 41.7

105 23.0 3.0 43.0

51 34.2 9.9 49.9

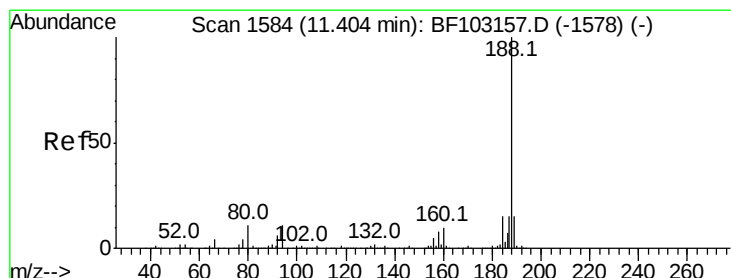
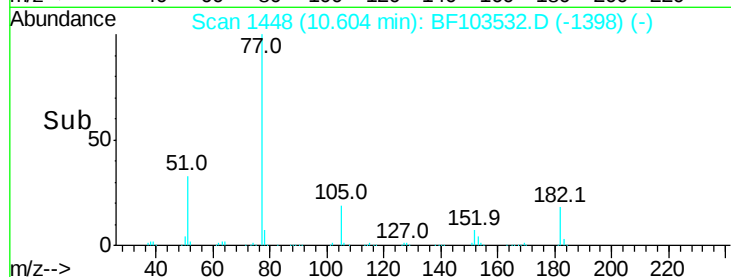
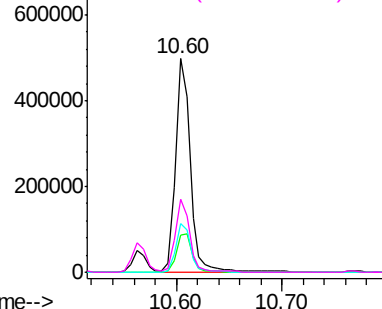


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

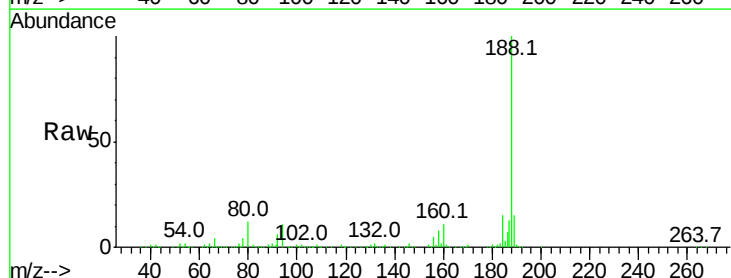
Tgt Ion: 188 Resp: 282594

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

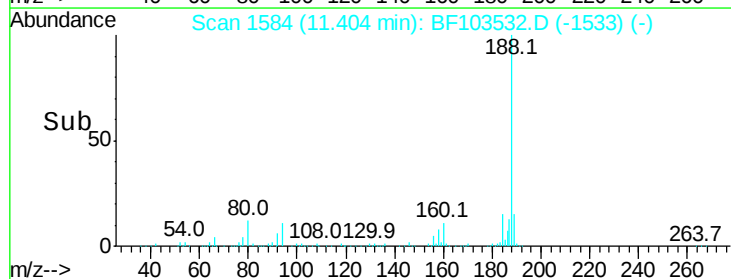
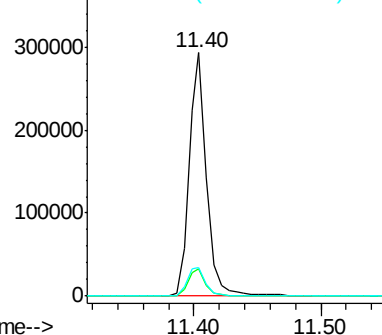
80 11.9 9.2 13.8

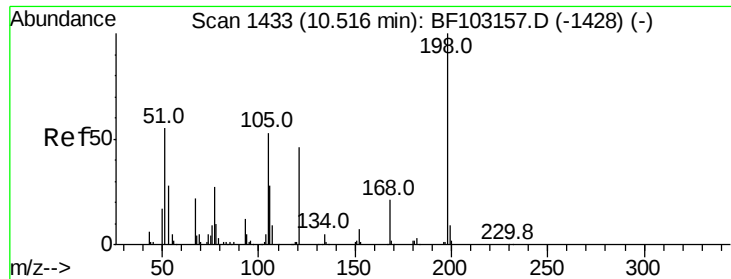


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 5.083 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.17 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampleId :

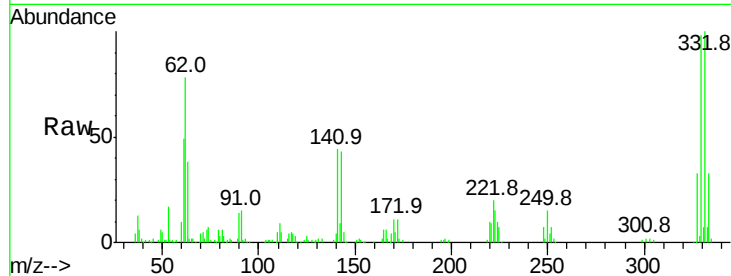
Tot Ion:198 Resp: 263

Ion Ratio Lower Upper

198 100

51 310.5 37.7 77.7#

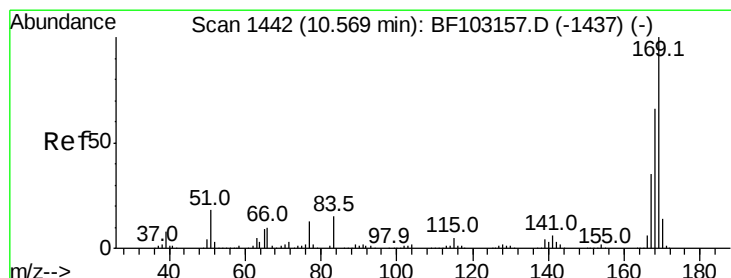
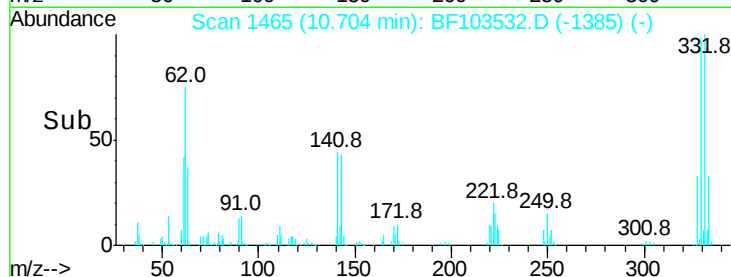
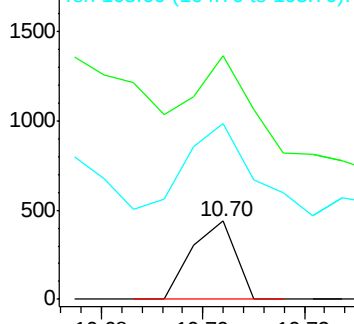
105 224.1 36.3 76.3#



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



#65

n-Nitrosodiphenylamine

Concen: 34.910 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

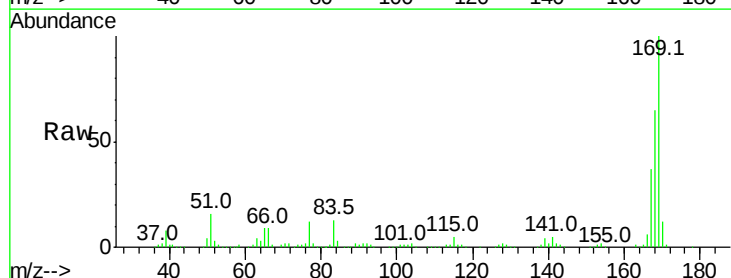
Tgt Ion:169 Resp: 343500

Ion Ratio Lower Upper

169 100

168 65.3 54.4 81.6

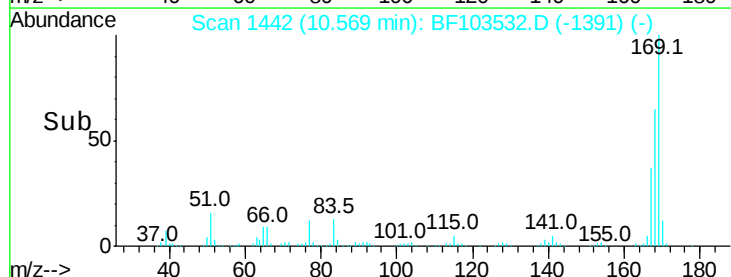
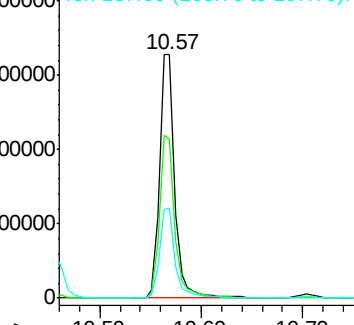
167 36.9 29.8 44.6

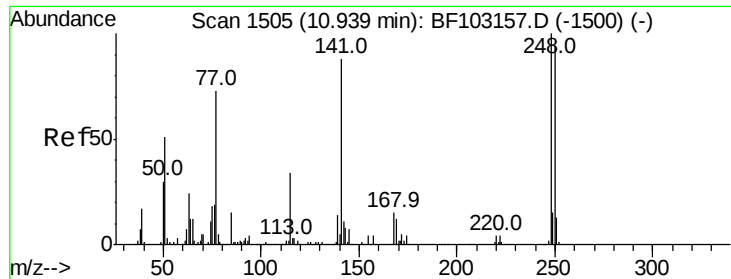


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

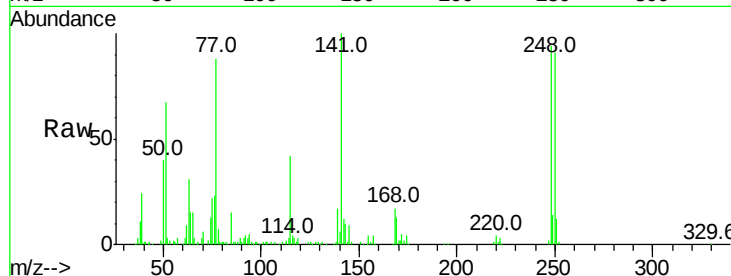




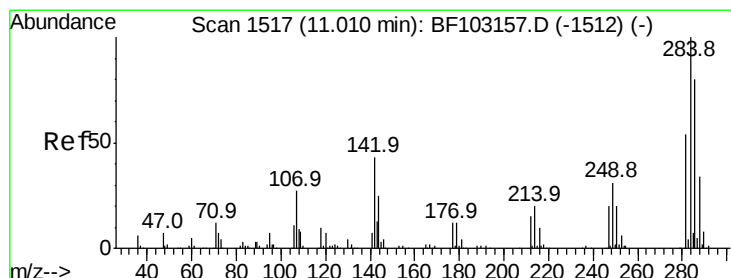
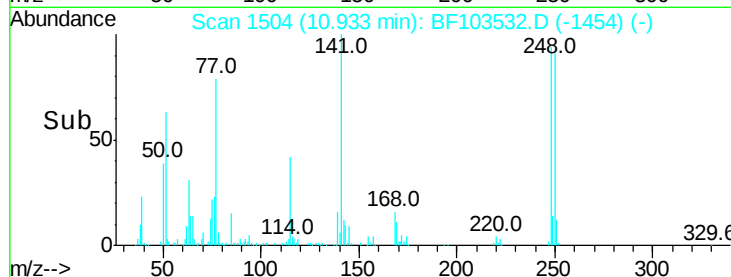
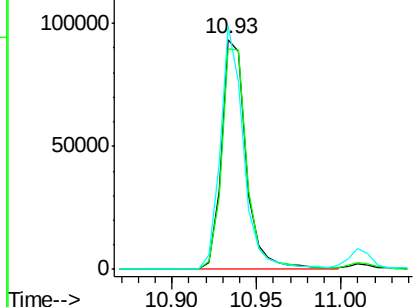
#66
4-Bromophenyl-phenylether
Concen: 32.456 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 95543
Ion Ratio Lower Upper
248 100
250 96.2 76.9 115.3
141 106.0 74.4 111.6

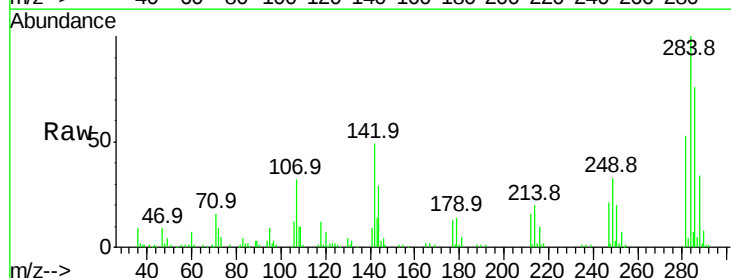


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

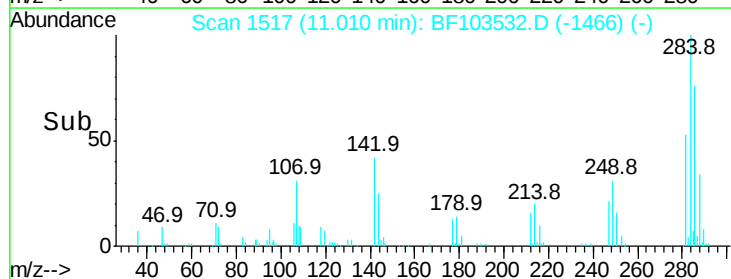
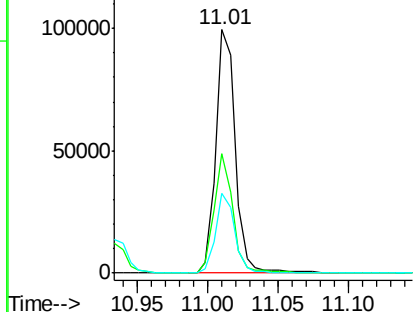


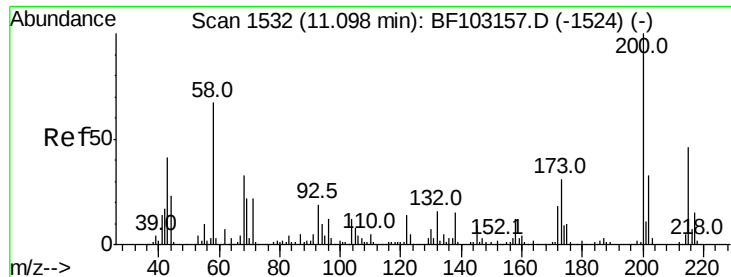
#67
Hexachlorobenzene
Concen: 30.023 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

Tgt Ion:284 Resp: 95930
Ion Ratio Lower Upper
284 100
142 49.1 34.6 52.0
249 32.6 24.8 37.2



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

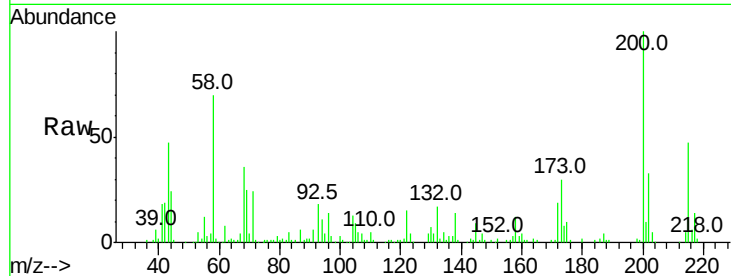




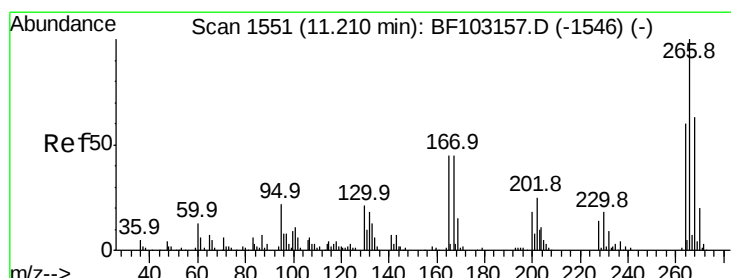
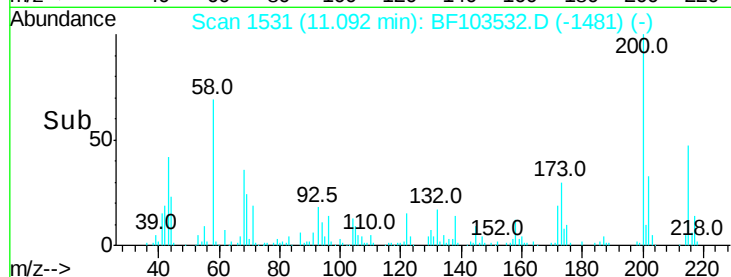
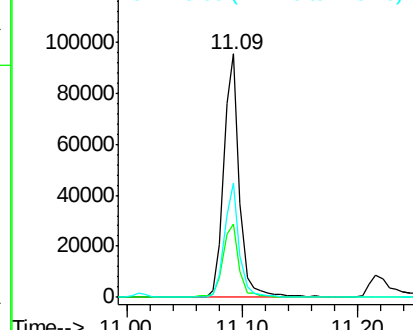
#68
Atrazine
Concen: 30.136 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 89125
Ion Ratio Lower Upper
200 100
173 30.4 8.6 48.6
215 47.0 25.1 65.1

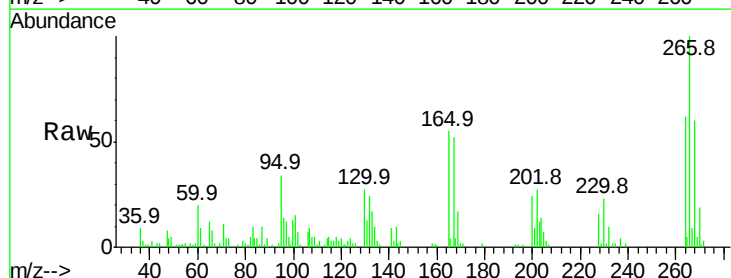


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

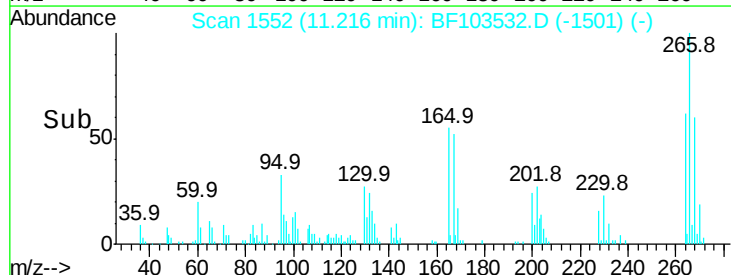
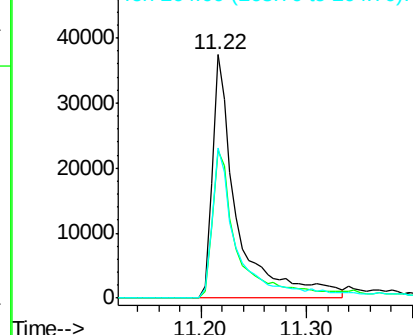


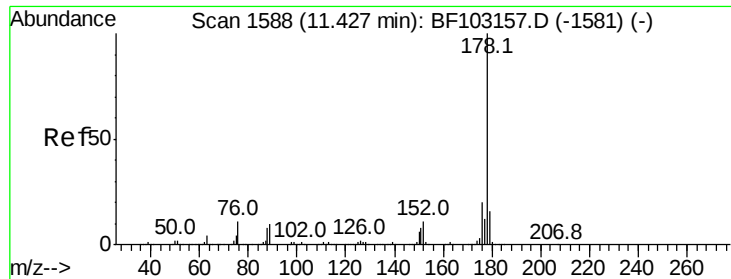
#69
Pentachlorophenol
Concen: 39.383 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

Tgt Ion:266 Resp: 60844
Ion Ratio Lower Upper
266 100
268 60.4 51.1 76.7
264 61.7 49.5 74.3



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





#70

Phenanthrene

Concen: 31.098 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampleId :

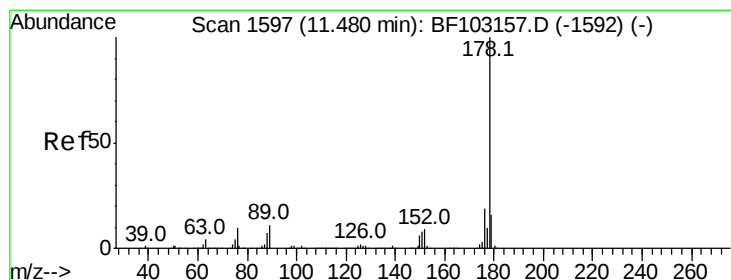
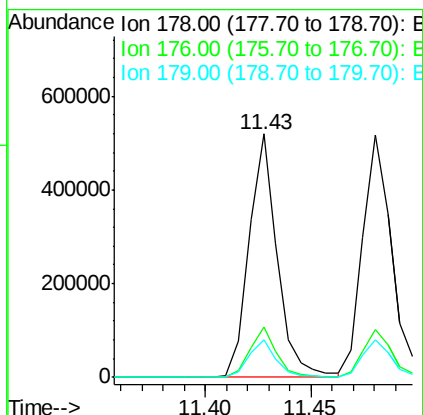
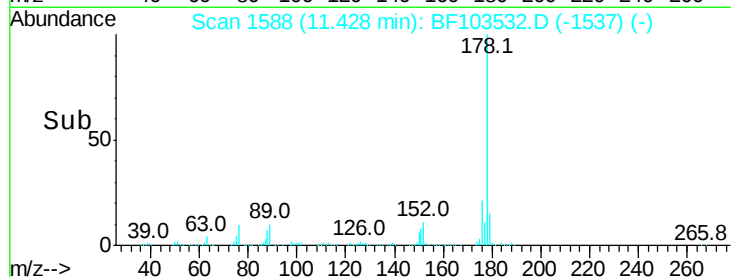
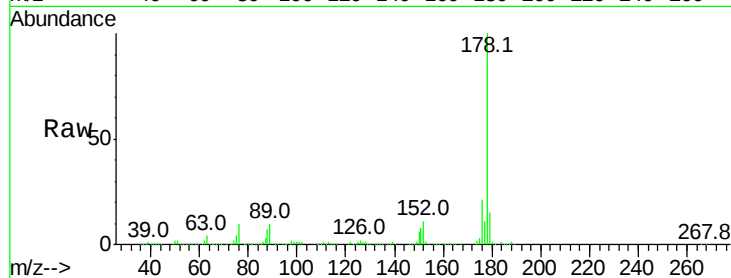
Tot Ion:178 Resp: 483639

Ion Ratio Lower Upper

178 100

176 20.7 15.8 23.8

179 15.4 13.0 19.6



#71

Anthracene

Concen: 32.417 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

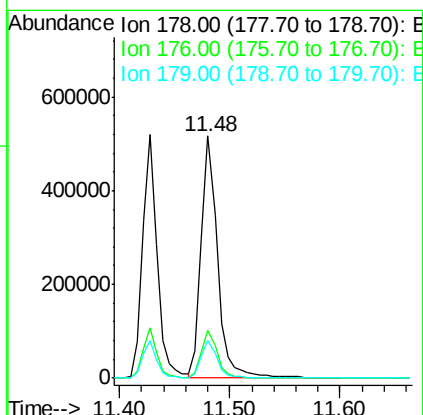
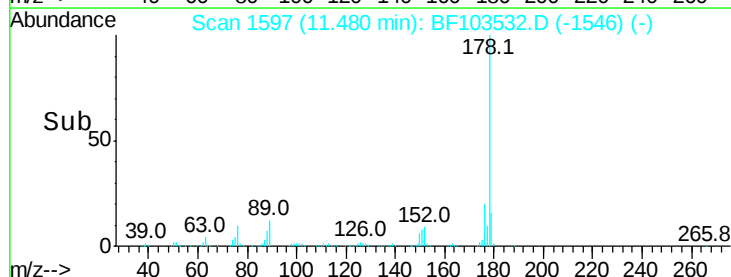
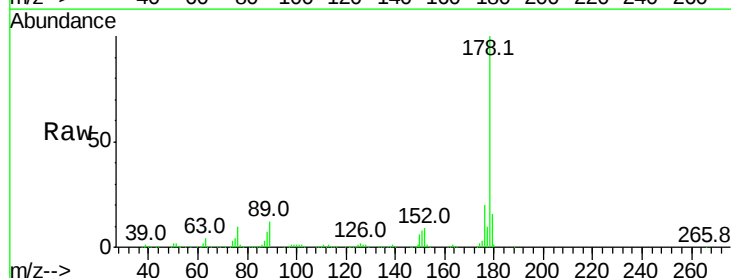
Tgt Ion:178 Resp: 516971

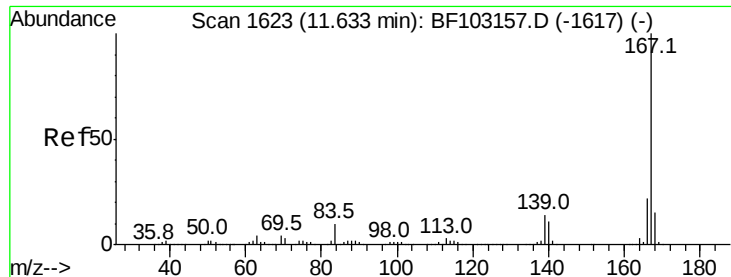
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.7 12.6 19.0





#72

Carbazole

Concen: 31.799 ng

RT: 11.64 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampleId :

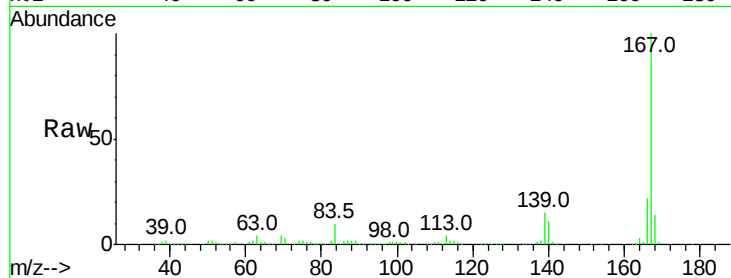
Tot Ion:167 Resp: 505004

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

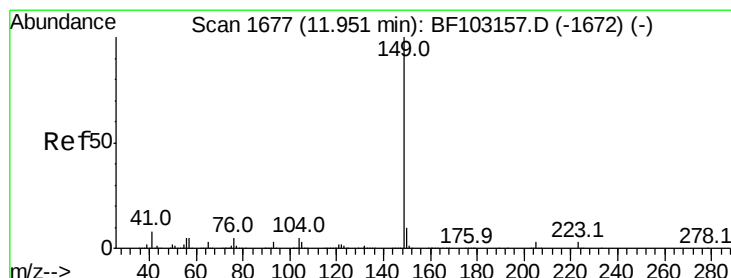
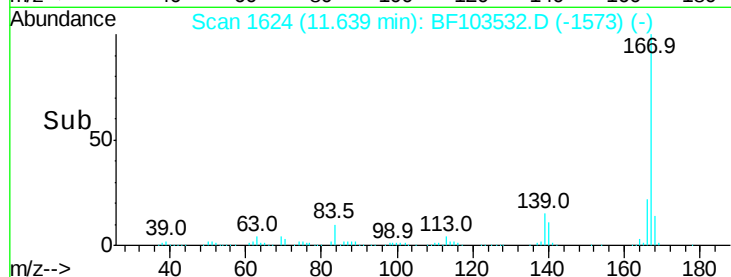
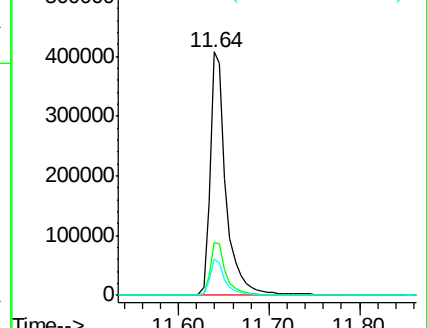
139 14.7 10.9 16.3



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



#73

Di-n-butylphthalate

Concen: 33.636 ng

RT: 11.95 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

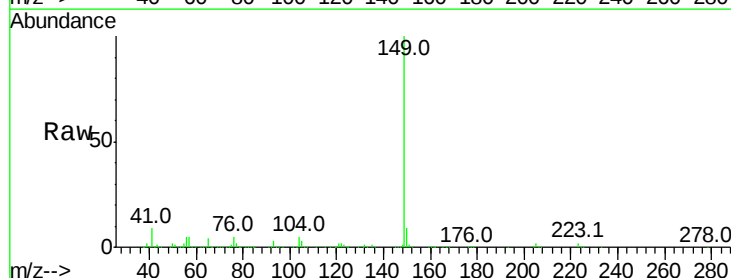
Tgt Ion:149 Resp: 668427

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

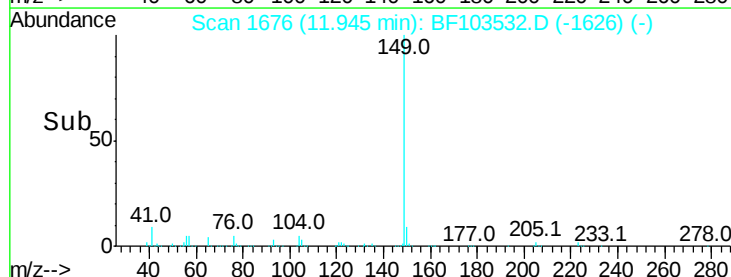
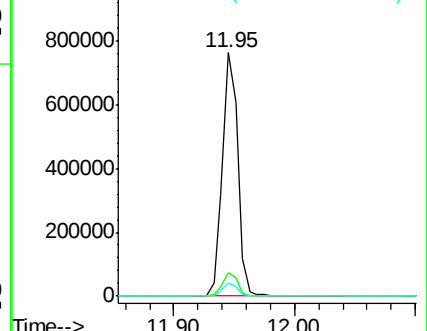
104 5.2 3.8 5.8

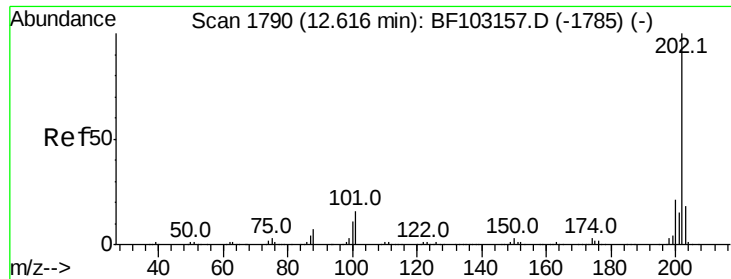


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

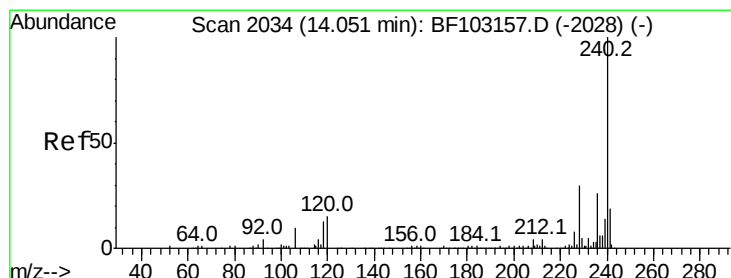
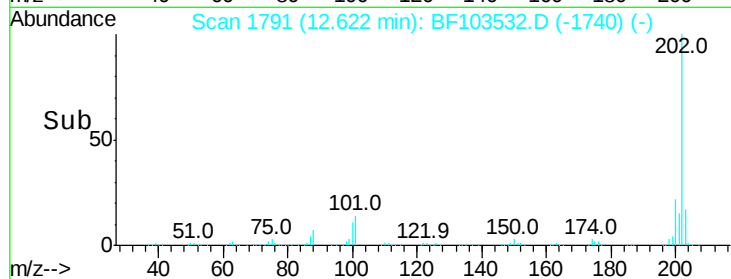
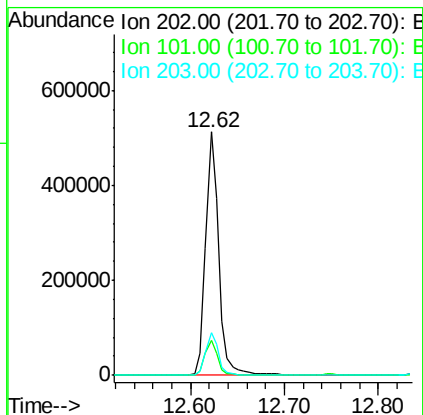
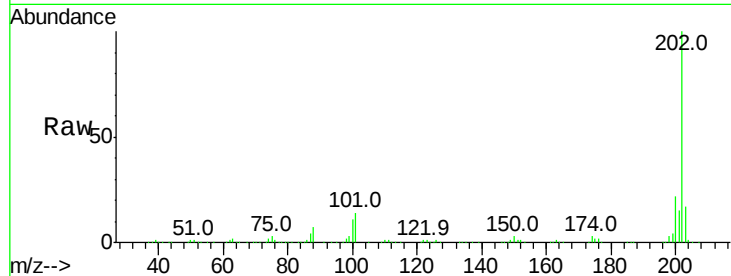




#74
 Fluoranthene
 Concen: 32.157 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BF103532.D
 Acq: 8 Mar 2018 22:15

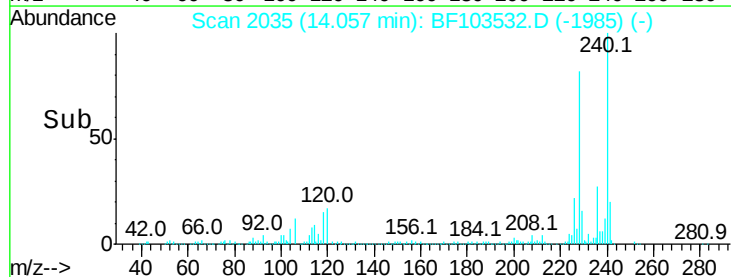
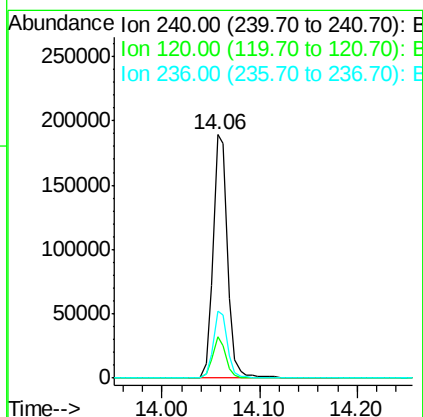
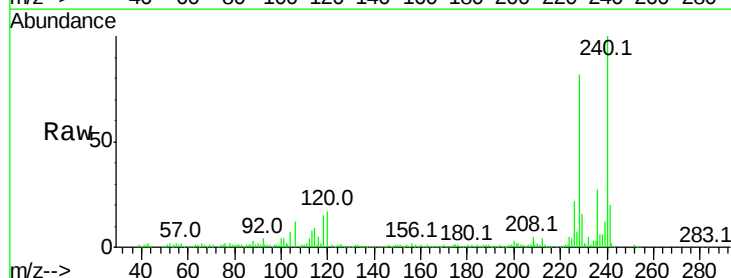
Instrument :
 BNA_F
 ClientSampleId :

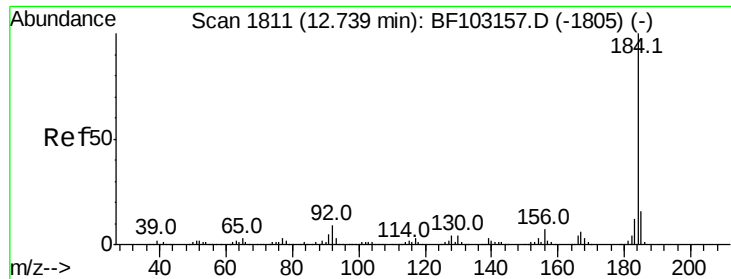
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	34.1
203	17.4	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF103532.D
 Acq: 8 Mar 2018 22:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.0	9.5	14.3#
236	27.3	20.7	31.1





#76

Benzidine

Concen: 59.712 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampleId :

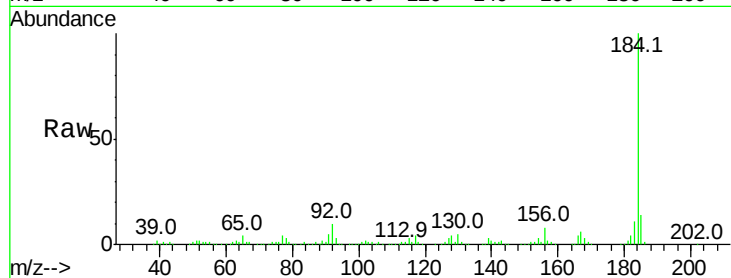
Tot Ion:184 Resp: 435076

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

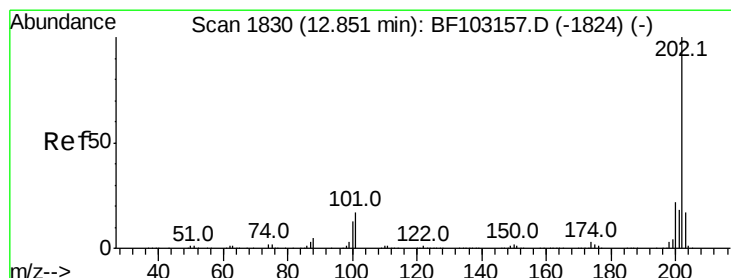
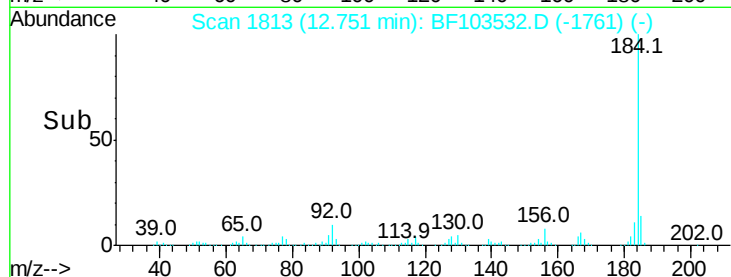
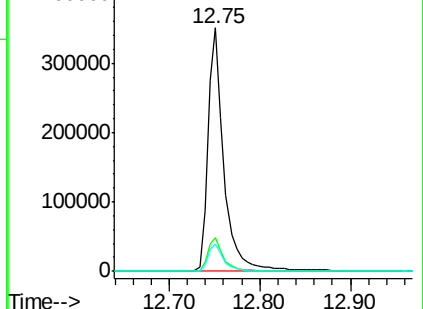
183 11.3 9.3 13.9



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



#77

Pyrene

Concen: 33.620 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

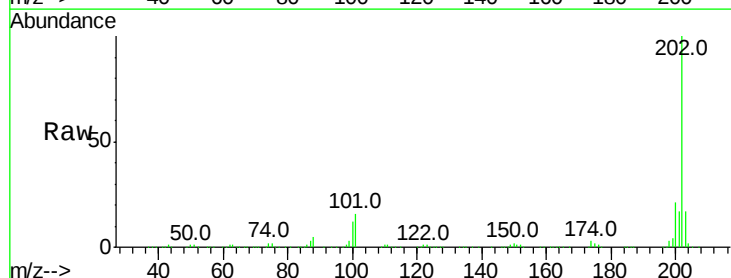
Tgt Ion:202 Resp: 510862

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

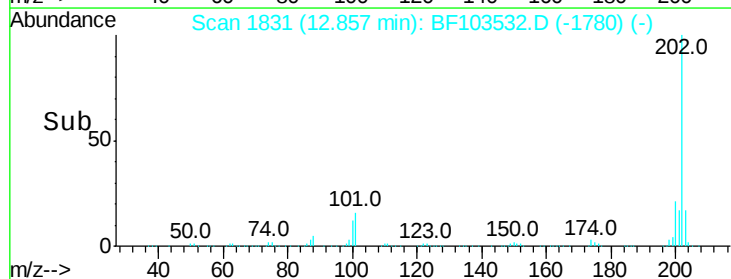
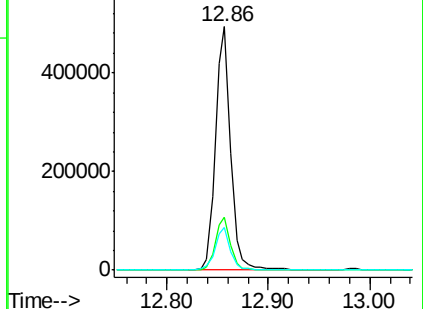
203 17.3 14.3 21.5

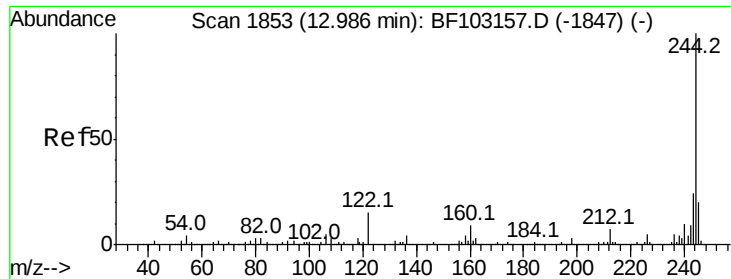


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 80.527 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampleId :

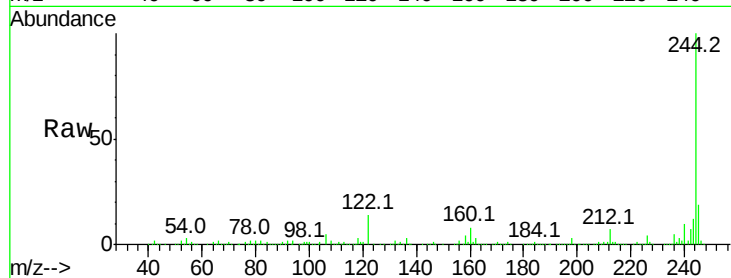
Tot Ion:244 Resp: 652887

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

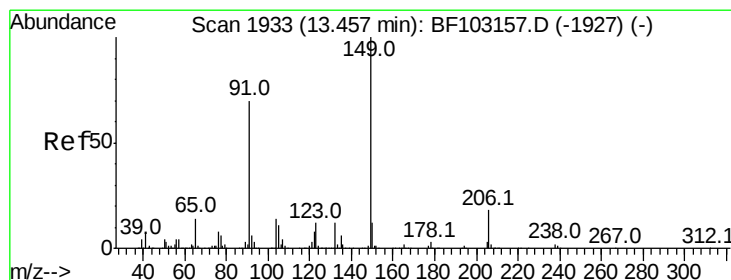
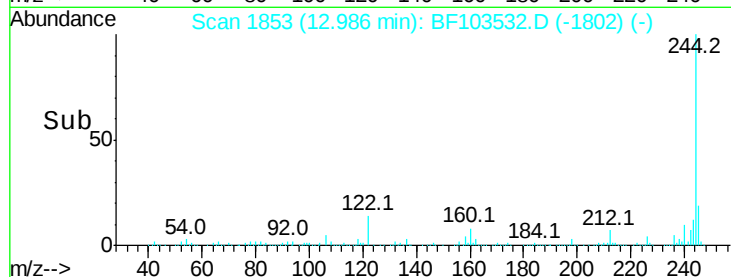
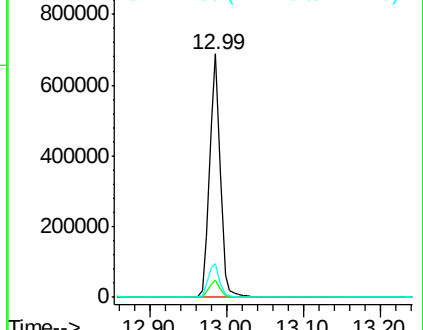
122 13.7 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 33.477 ng

RT: 13.45 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

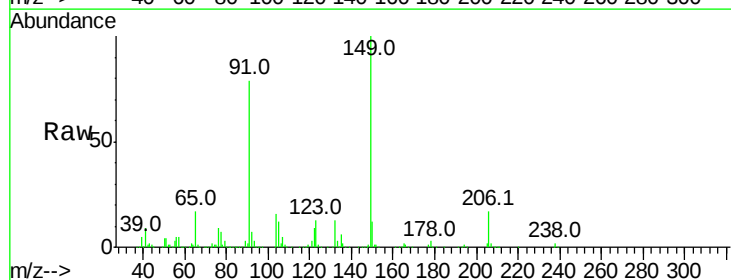
Tgt Ion:149 Resp: 268763

Ion Ratio Lower Upper

149 100

91 78.5 56.8 85.2

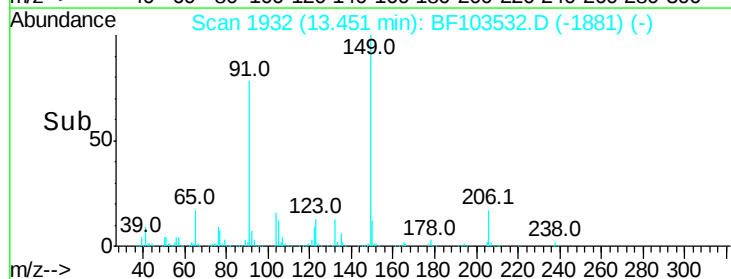
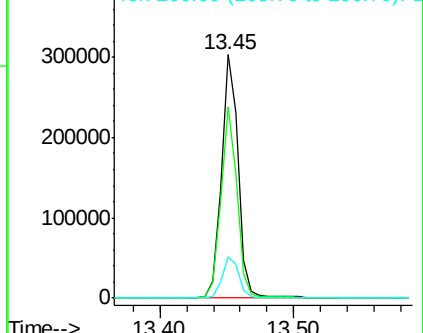
206 16.9 14.1 21.1

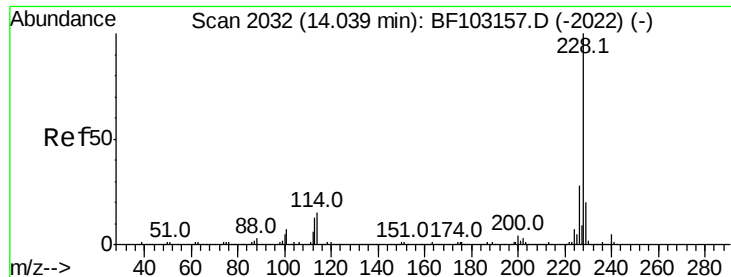


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 31.115 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampleId :

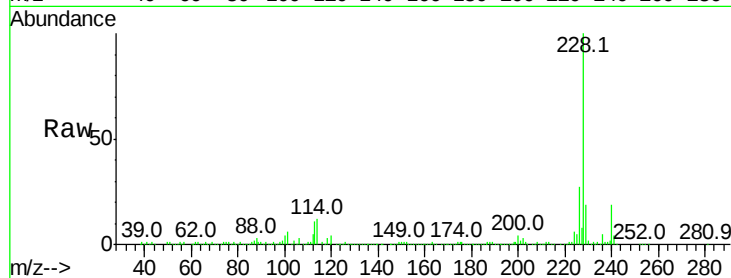
Tot Ion:228 Resp: 393475

Ion Ratio Lower Upper

228 100

226 26.9 22.6 33.8

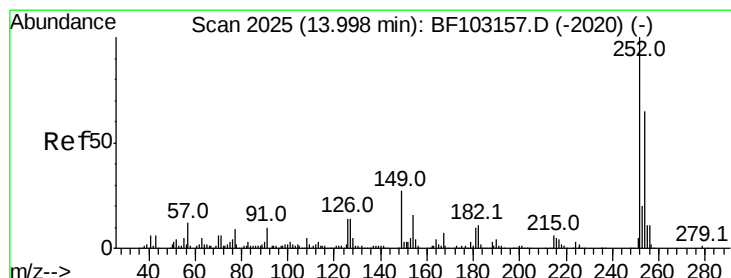
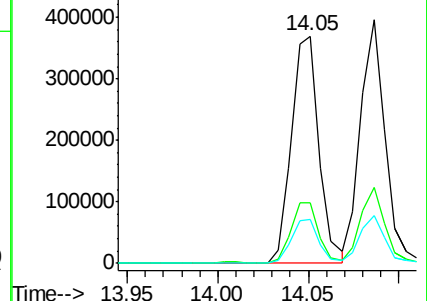
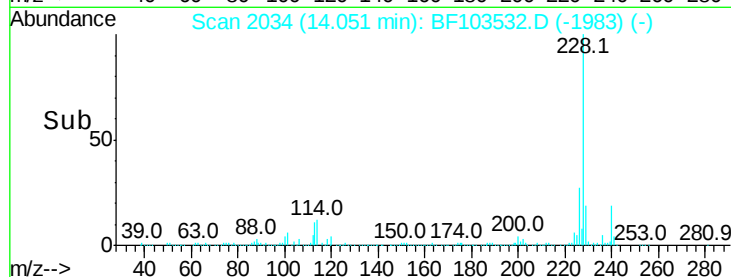
229 19.4 15.8 23.6



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



#81

3,3'-Dichlorobenzidine

Concen: 34.913 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

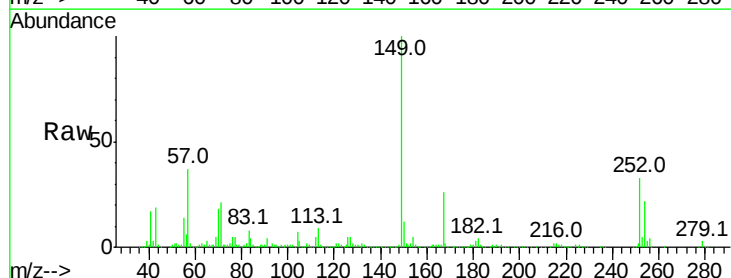
Tgt Ion:252 Resp: 157560

Ion Ratio Lower Upper

252 100

254 64.8 50.4 75.6

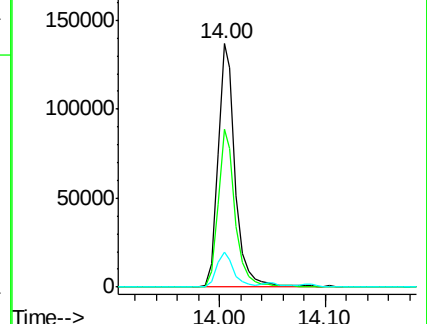
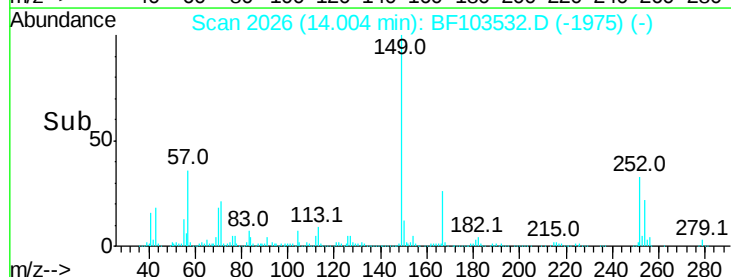
126 14.5 11.3 16.9

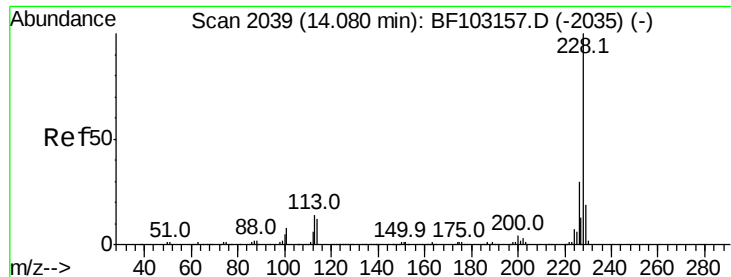


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 31.015 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampled :

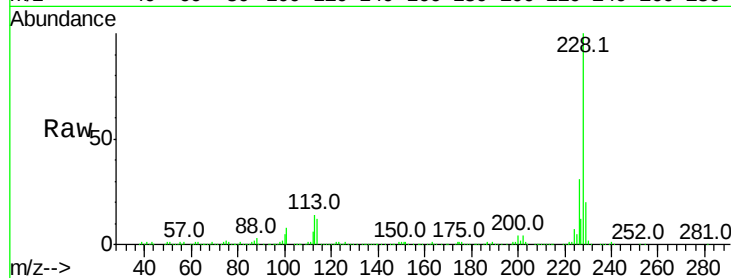
Tot Ion:228 Resp: 380826

Ion Ratio Lower Upper

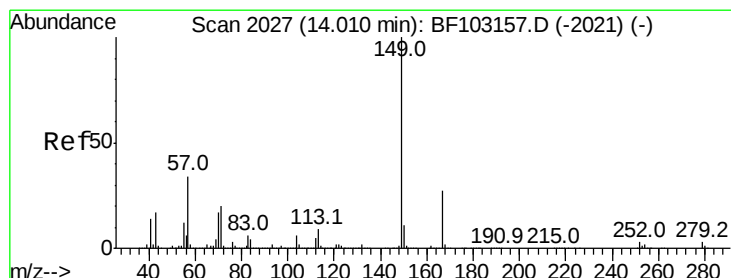
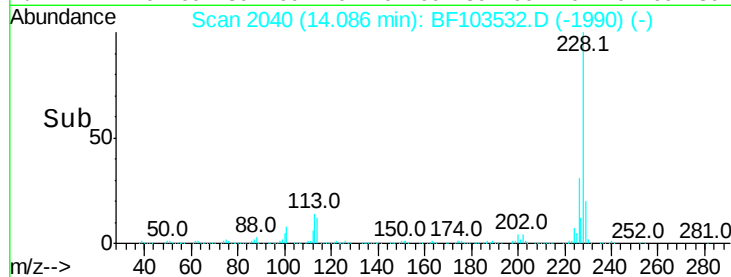
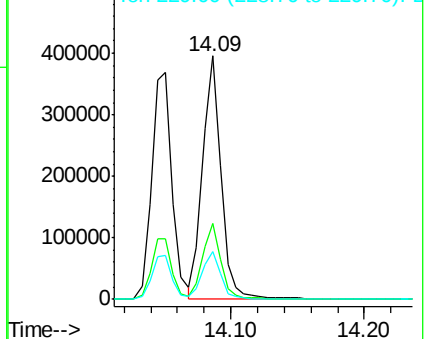
228 100

226 31.0 25.0 37.6

229 19.8 16.2 24.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 31.950 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

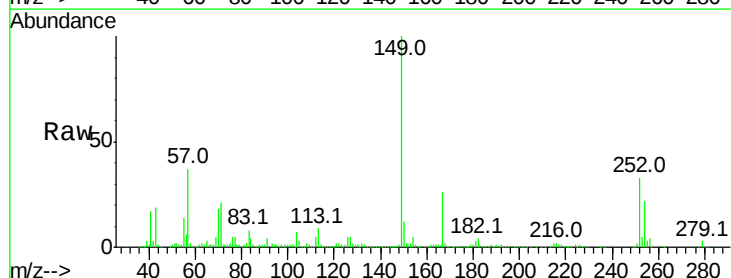
Tgt Ion:149 Resp: 346140

Ion Ratio Lower Upper

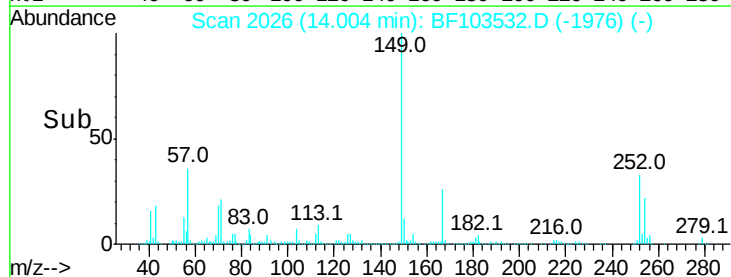
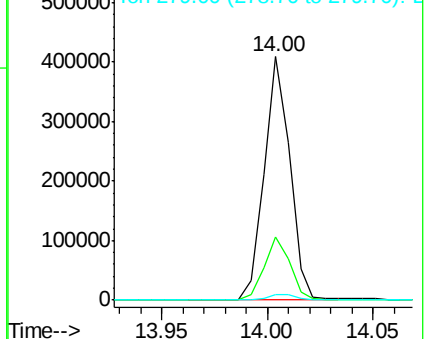
149 100

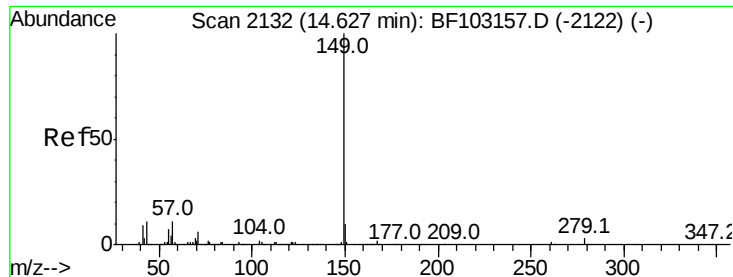
167 26.0 21.3 31.9

279 2.5 3.0 4.4#



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

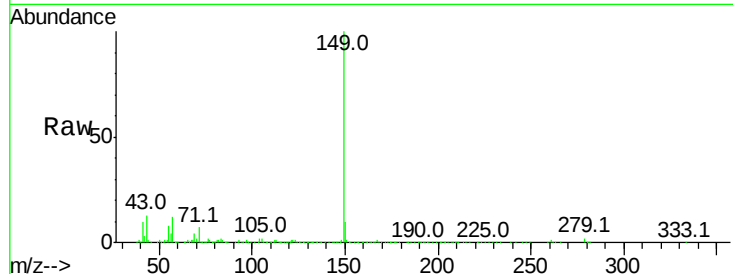




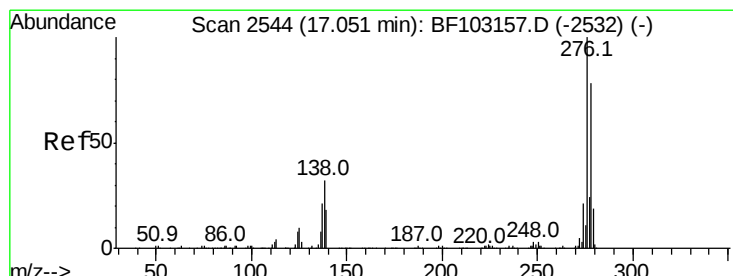
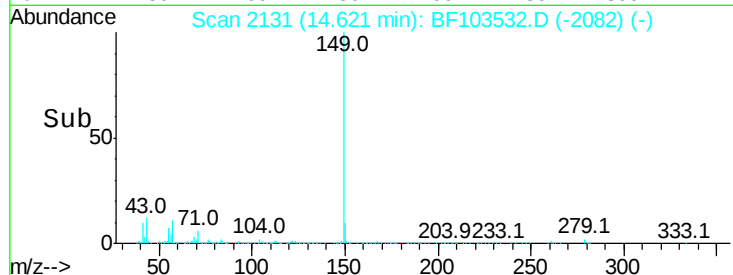
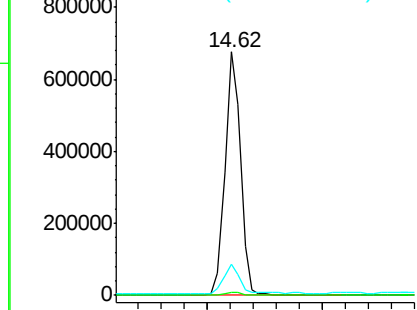
#84
Di-n-octyl phthalate
Concen: 35.888 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 628190
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 12.2 8.4 12.6

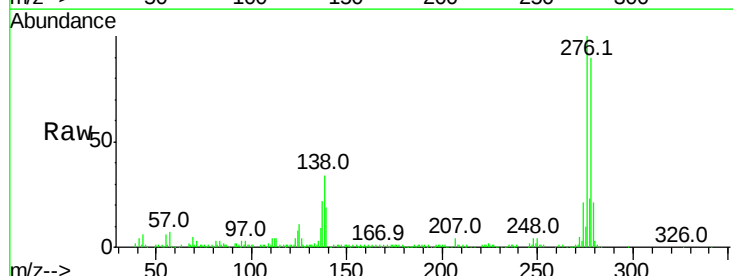


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

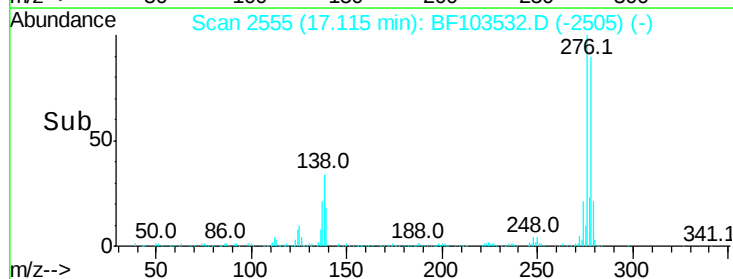
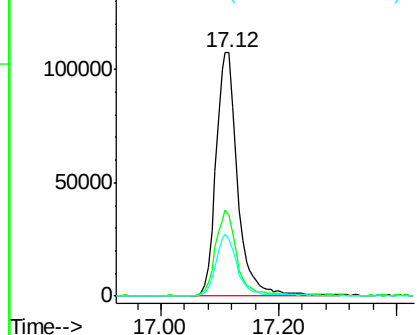


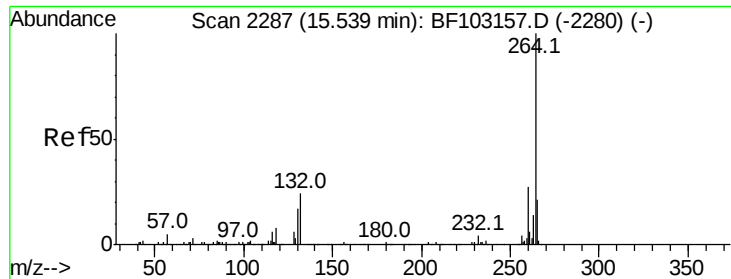
#85
Indeno(1,2,3-cd)pyrene
Concen: 28.125 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

Tgt Ion:276 Resp: 273396
Ion Ratio Lower Upper
276 100
138 35.3 25.0 37.6
277 24.5 20.1 30.1



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



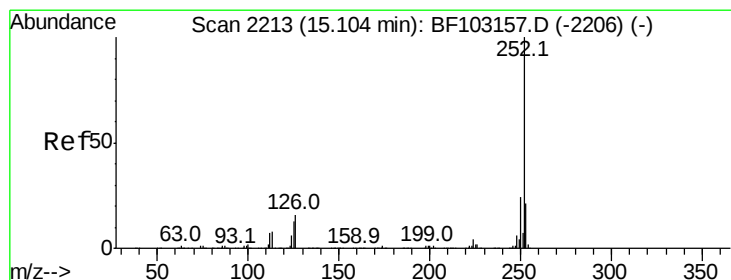
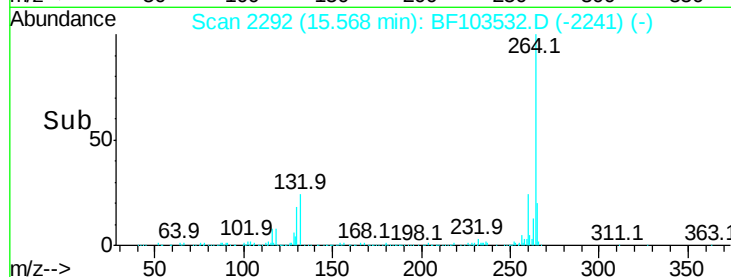
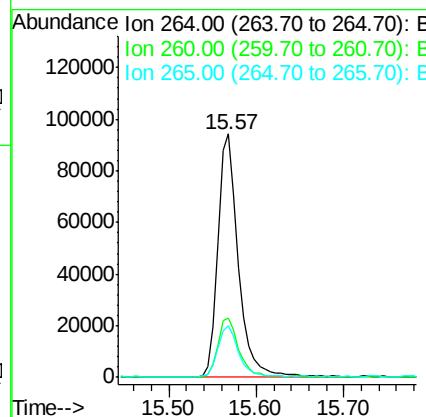
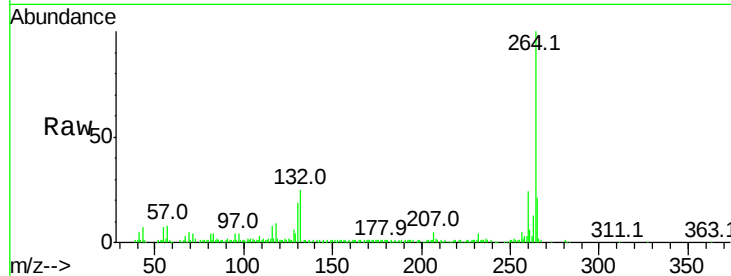


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 153806

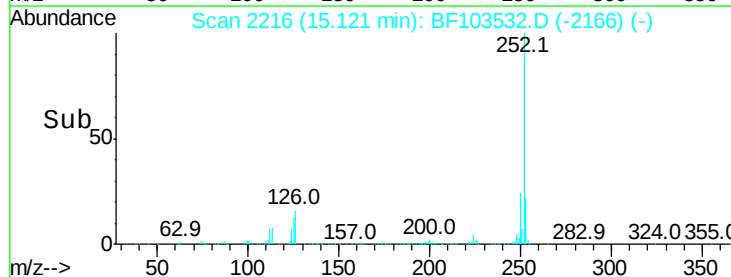
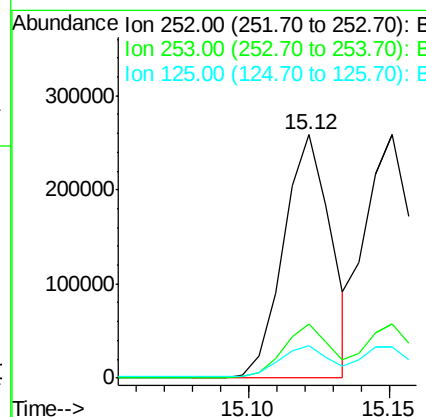
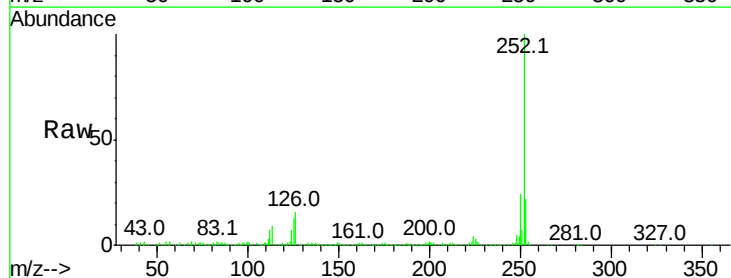
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.0	17.5	26.3

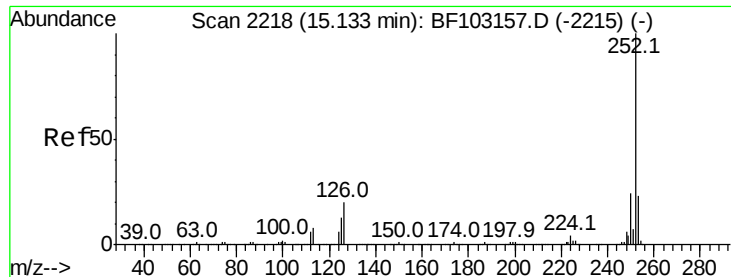


#87
Benzo(b)fluoranthene
Concen: 29.850 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

Tgt Ion:252 Resp: 301864

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	13.2	9.0	13.6

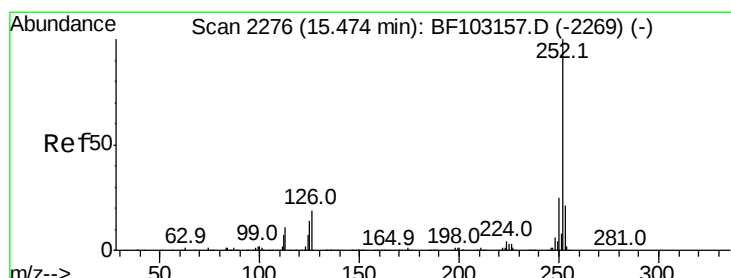
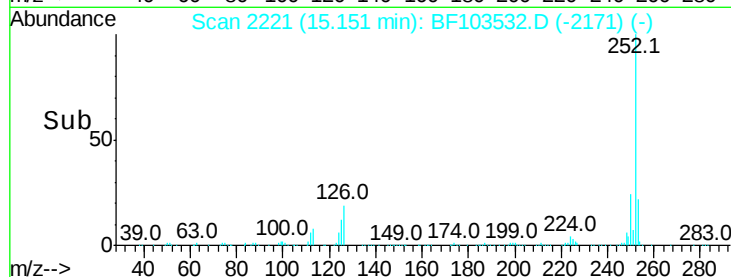
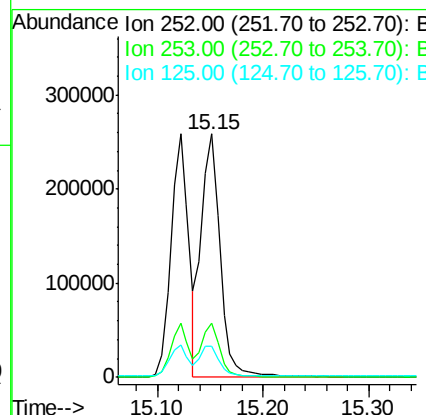
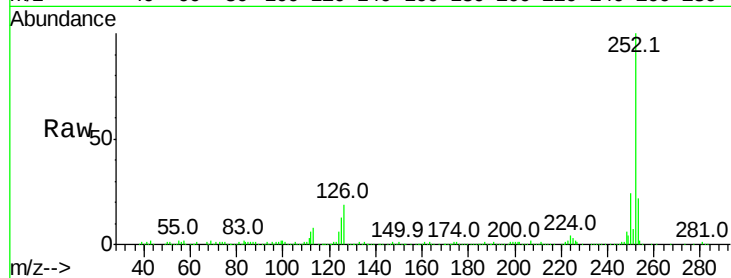




#88
Benzo(k)fluoranthene
Concen: 33.516 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

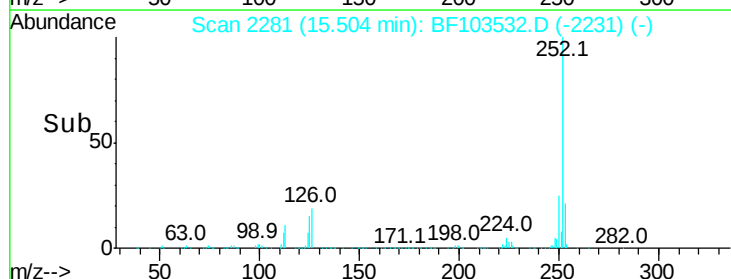
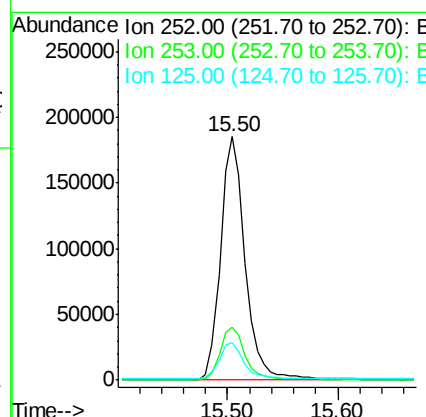
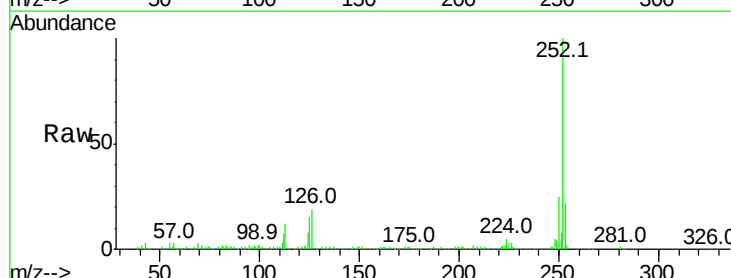
Instrument :
BNA_F
ClientSampleId :

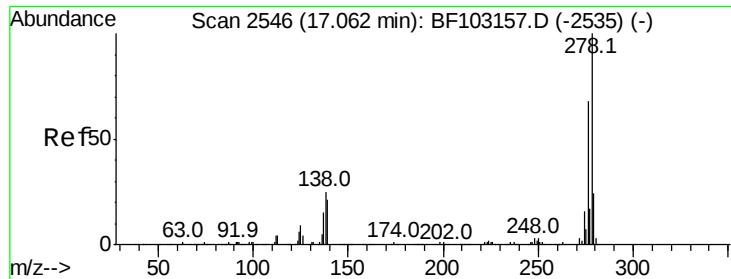
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.6	10.2	15.2



#89
Benzo(a)pyrene
Concen: 31.743 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF103532.D
Acq: 8 Mar 2018 22:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	15.3	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 33.630 ng

RT: 17.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

Instrument :

BNA_F

ClientSampleId :

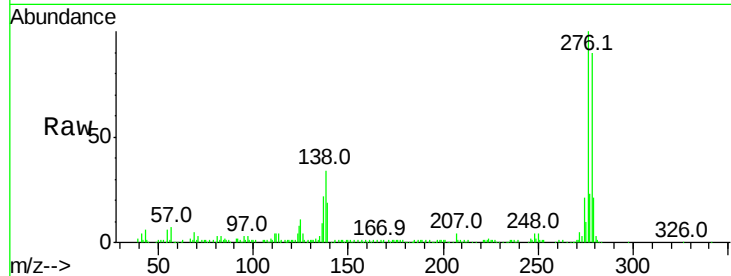
Tot Ion:278 Resp: 234670

Ion Ratio Lower Upper

278 100

139 21.3 15.9 23.9

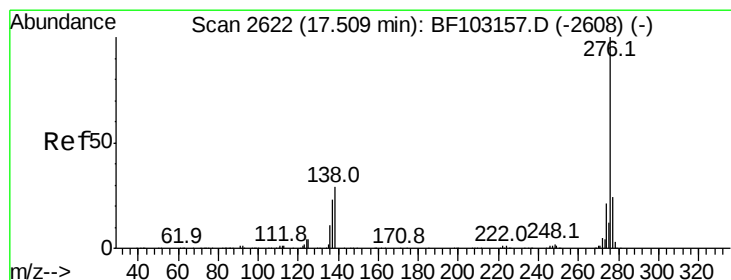
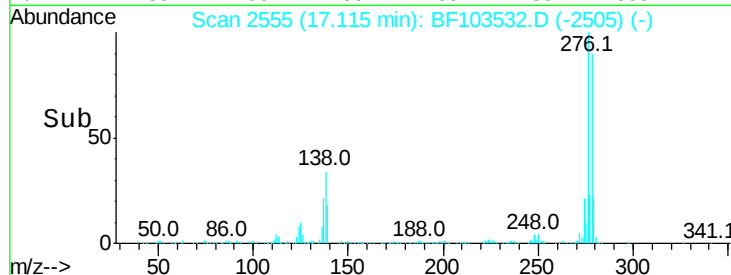
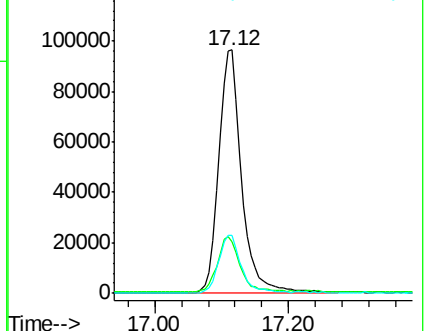
279 23.9 19.0 28.4



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



#91

Benzo(g,h,i)perylene

Concen: 32.627 ng

RT: 17.58 min Scan# 2634

Delta R.T. 0.00 min

Lab File: BF103532.D

Acq: 8 Mar 2018 22:15

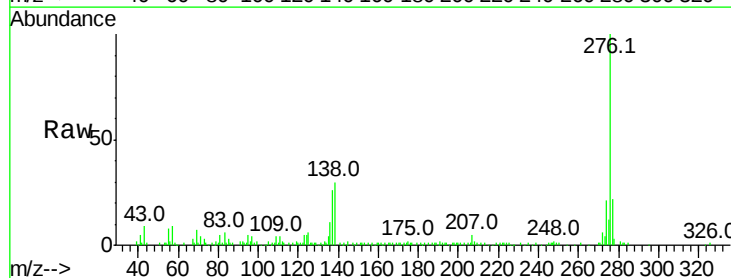
Tgt Ion:276 Resp: 222516

Ion Ratio Lower Upper

276 100

277 21.8 17.9 26.9

138 29.8 21.8 32.8



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

