

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103546.D
 Acq On : 9 Mar 2018 5:37
 Operator : SJ/JU
 Sample : PB107179BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 06:44:49 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	138497	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	569889	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	224343	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	341555	20.00	ng	0.00
75) Chrysene-d12	14.06	240	227820	20.00	ng	0.00
86) Perylene-d12	15.56	264	177939	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	755504	82.50	ng	0.00
7) Phenol-d6	6.50	99	865615	77.25	ng	0.00
23) Nitrobenzene-d5	7.43	82	775094	77.67	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	112362	59.17	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1088403	83.13	ng	0.00
78) Terphenyl-d14	12.99	244	742791	78.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	153619	31.762	ng	97
3) Pyridine	3.49	79	384666	29.791	ng	99
4) n-Nitrosodimethylamine	3.44	42	199407	38.293	ng	# 88
6) Aniline	6.53	93	234436	14.497	ng	# 52
8) 2-Chlorophenol	6.66	128	370018	38.897	ng	96
9) Benzaldehyde	6.42	77	216249	29.417	ng	96
10) Phenol	6.52	94	474007	36.439	ng	90
11) bis(2-Chloroethyl)ether	6.60	93	372367	37.716	ng	92
12) 1,3-Dichlorobenzene	6.80	146	384495	35.369	ng	97
13) 1,4-Dichlorobenzene	6.88	146	408951	37.521	ng	99
14) 1,2-Dichlorobenzene	7.03	146	357516	35.574	ng	99
15) Benzyl Alcohol	7.02	79	284372	33.678	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	585253	34.521	ng	62
17) 2-Methylphenol	7.13	107	308556	35.692	ng	# 85
18) Hexachloroethane	7.37	117	113027	28.487	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	272904	39.133	ng	93
20) 3+4-Methylphenols	7.29	107	414510	39.334	ng	# 76
22) Acetophenone	7.27	105	518855	39.005	ng	# 92
24) Nitrobenzene	7.45	77	420099	38.236	ng	93
25) Isophorone	7.69	82	777184	39.544	ng	96
26) 2-Nitrophenol	7.77	139	166455	32.182	ng	94
27) 2,4-Dimethylphenol	7.80	122	318286	40.259	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	474174	41.035	ng	98
29) 2,4-Dichlorophenol	8.02	162	298984	39.500	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	280484	34.798	ng	97
31) Naphthalene	8.17	128	1034522	37.079	ng	99
32) Benzoic acid	7.94	122	108109	22.691	ng	95
33) 4-Chloroaniline	8.23	127	132273	10.986	ng	# 93
34) Hexachlorobutadiene	8.27	225	139921	33.335	ng	100
35) Caprolactam	8.60	113	95086	35.743	ng	# 79
36) 4-Chloro-3-methylphenol	8.72	107	321707	37.682	ng	97
37) 2-Methylnaphthalene	8.86	142	636064	35.275	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	231489	37.744	ng	98
40) Hexachlorocyclopentadiene	9.00	237	1190	9.371	ng	81

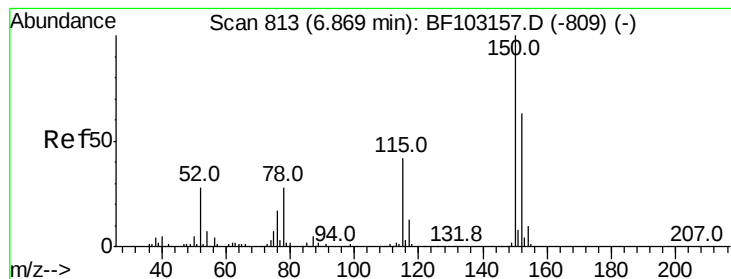
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	153775	37.262	ng	100
43) 2,4,5-Trichlorophenol	9.20	196	158127	33.315	ng	94
45) 1,1'-Biphenyl	9.32	154	701170	37.299	ng	98
46) 2-Chloronaphthalene	9.36	162	558002	37.519	ng	98
47) 2-Nitroaniline	9.46	65	245183	44.506	ng	86
48) Acenaphthylene	9.77	152	807553	35.291	ng	99
49) Dimethylphthalate	9.62	163	647160	35.959	ng	99
50) 2,6-Dinitrotoluene	9.70	165	124045	32.844	ng	# 77
51) Acenaphthene	9.94	154	465808	34.910	ng	98
52) 3-Nitroaniline	9.87	138	117506	24.523	ng	97
53) 2,4-Dinitrophenol	10.03	184	3758	12.045	ng	# 38
54) Dibenzofuran	10.12	168	675686	36.889	ng	95
55) 4-Nitrophenol	10.06	139	124598	41.956	ng	# 81
56) 2,4-Dinitrotoluene	10.11	165	140807	29.479	ng	# 56
57) Fluorene	10.46	166	527668	33.817	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	106657	33.451	ng	# 94
59) Diethylphthalate	10.32	149	633714	36.816	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	240884	36.405	ng	97
61) 4-Nitroaniline	10.50	138	151416	31.637	ng	99
62) Azobenzene	10.60	77	660793	37.715	ng	94
64) 4,6-Dinitro-2-methylphenol	10.54	198	5828	7.461	ng	# 61
65) n-Nitrosodiphenylamine	10.56	169	470766	39.585	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	131761	37.032	ng	99
67) Hexachlorobenzene	11.01	284	129435	33.516	ng	98
68) Atrazine	11.09	200	132864	37.170	ng	98
69) Pentachlorophenol	11.22	266	81095	43.430	ng	99
70) Phenanthrene	11.43	178	676363	35.983	ng	99
71) Anthracene	11.48	178	728549	37.798	ng	99
72) Carbazole	11.64	167	706631	36.814	ng	99
73) Di-n-butylphthalate	11.94	149	917587	38.204	ng	99
74) Fluoranthene	12.62	202	666082	35.263	ng	99
76) Benzidine	12.75	184	579749	68.069	ng	98
77) Pyrene	12.85	202	666264	37.510	ng	100
79) Butylbenzylphthalate	13.45	149	371550	39.592	ng	95
80) Benzo(a)anthracene	14.04	228	536183	36.273	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	196652	37.278	ng	98
82) Chrysene	14.09	228	524760	36.562	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	464509	36.679	ng	# 98
84) Di-n-octyl phthalate	14.62	149	855641	41.818	ng	96
85) Indeno(1,2,3-cd)pyrene	17.10	276	368887	32.465	ng	97
87) Benzo(b)fluoranthene	15.12	252	421366	36.016	ng	96
88) Benzo(k)fluoranthene	15.14	252	428904	38.932	ng	99
89) Benzo(a)pyrene	15.50	252	396061	37.910	ng	# 97
90) Dibenzo(a,h)anthracene	17.10	278	316386	39.191	ng	98
91) Benzo(g,h,i)perylene	17.57	276	311347	39.461	ng	96

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

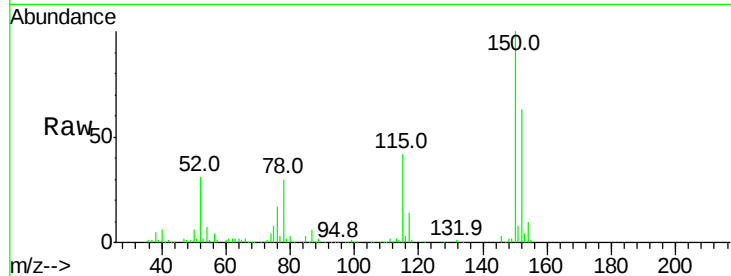


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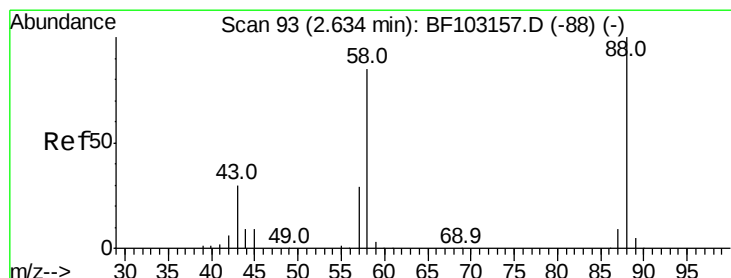
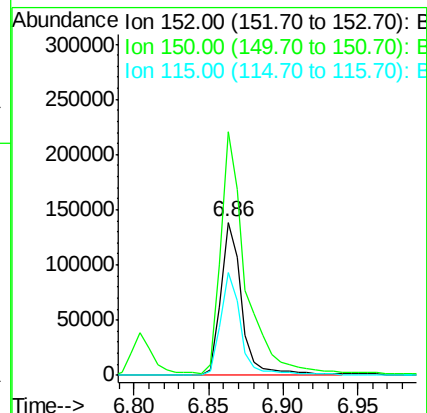
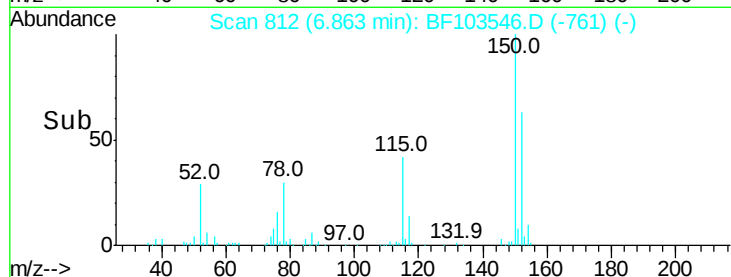
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 138497
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 67.0 50.1 75.1



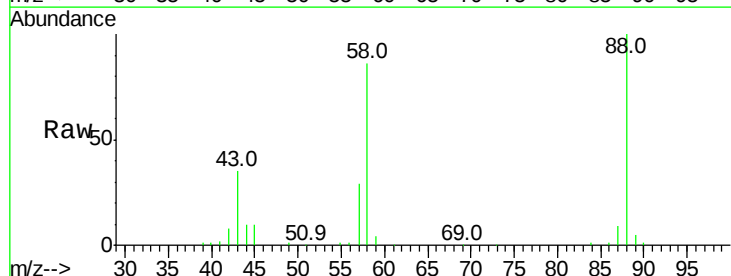
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



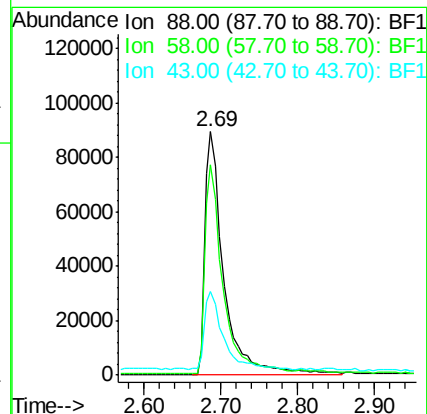
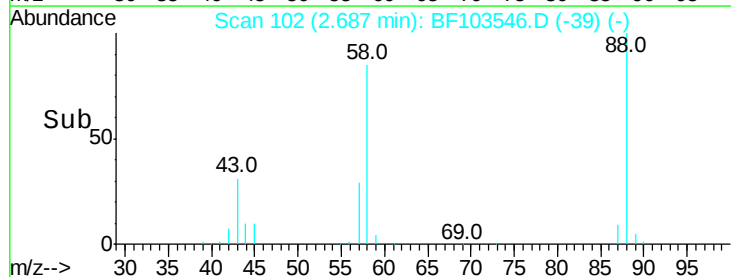
#2

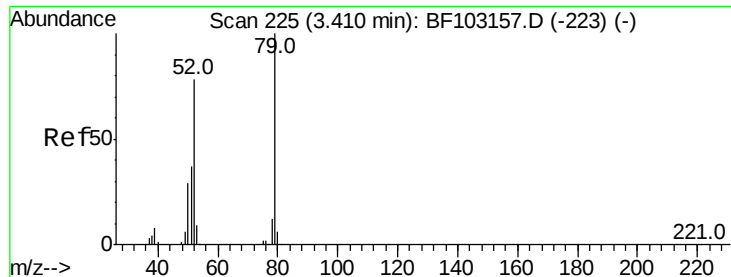
1,4-Dioxane
Concen: 31.762 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.07 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion: 88 Resp: 153619
Ion Ratio Lower Upper
88 100
58 82.0 62.6 93.8
43 31.4 24.6 37.0



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

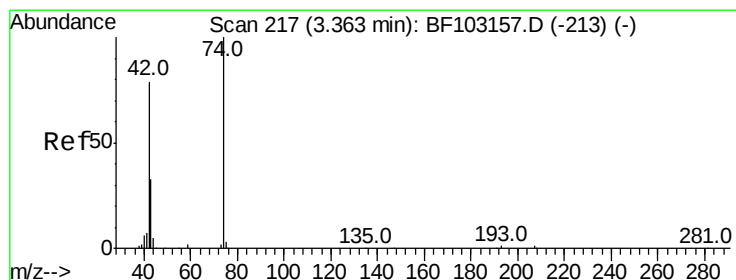
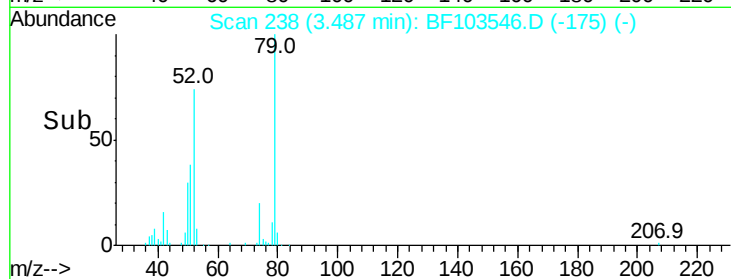
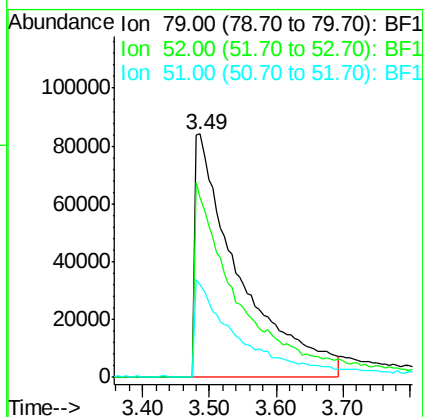
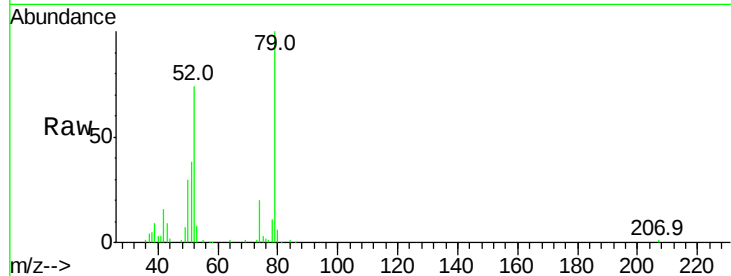




#3
 Pvridine
 Concen: 29.791 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.07 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

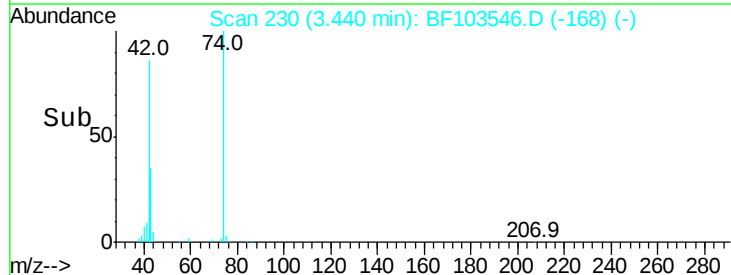
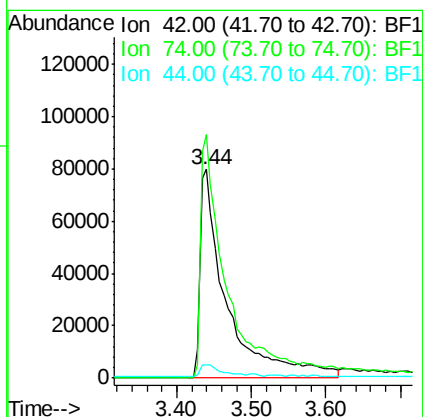
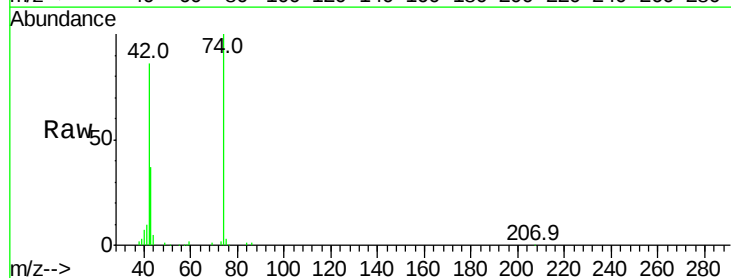
Instrument :
 BNA_F
 ClientSampleId :

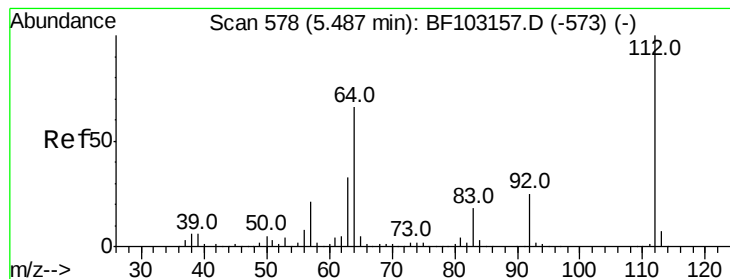
Tot Ion: 79 Resp: 384666
 Ion Ratio Lower Upper
 79 100
 52 73.8 59.8 89.6
 51 38.1 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 38.293 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.06 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion: 42 Resp: 199407
 Ion Ratio Lower Upper
 42 100
 74 116.8 104.9 157.3
 44 6.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 82.503 ng

RT: 5.49 min Scan# 579

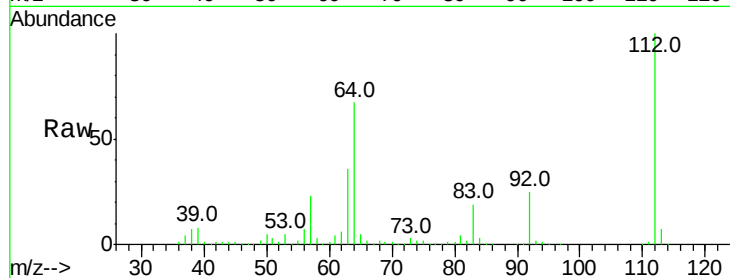
Delta R.T. 0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	755504
Ion	Ratio	Lower	Upper
112	100		
64	66.8	47.9	71.9
63	35.8	23.7	35.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

5.49

400000

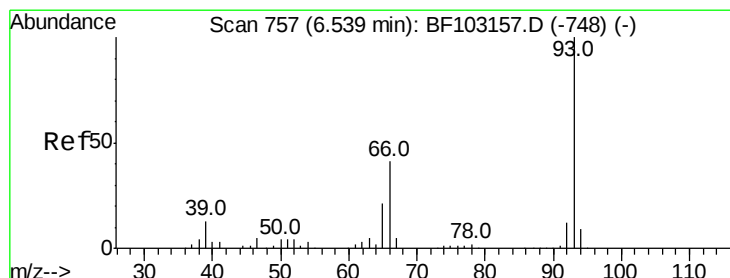
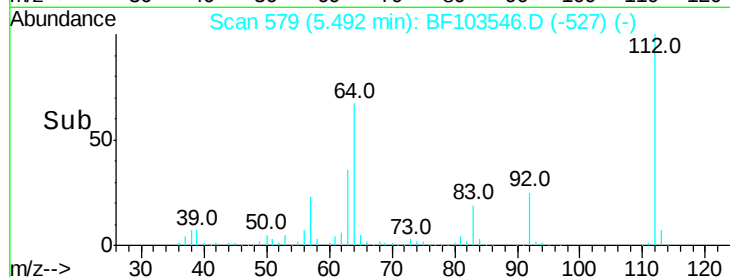
300000

200000

100000

0

Time-->



#6

Aniline

Concen: 14.497 ng

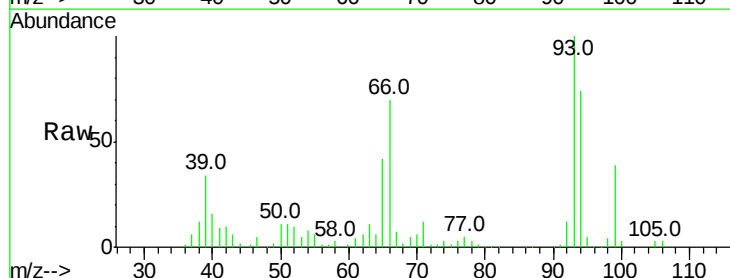
RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Tgt Ion:	93	Resp:	234436
Ion	Ratio	Lower	Upper
93	100		
66	69.9	32.2	48.2#
65	42.5	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

6.53

400000

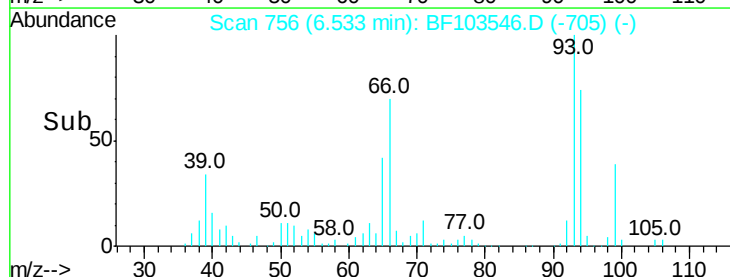
300000

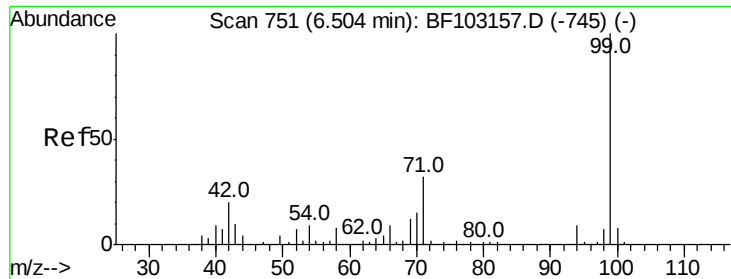
200000

100000

0

Time-->





#7

Phenol-d6

Concen: 77.251 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

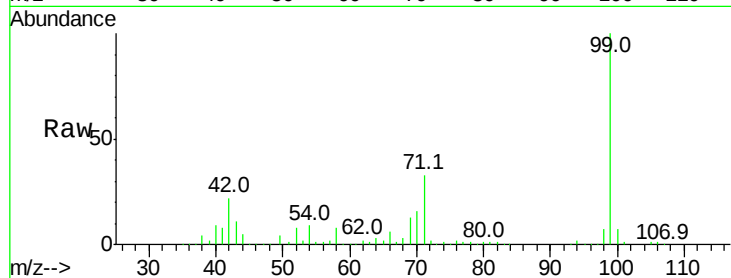
Tot Ion: 99 Resp: 865615

Ion Ratio Lower Upper

99 100

42 22.0 14.5 21.7#

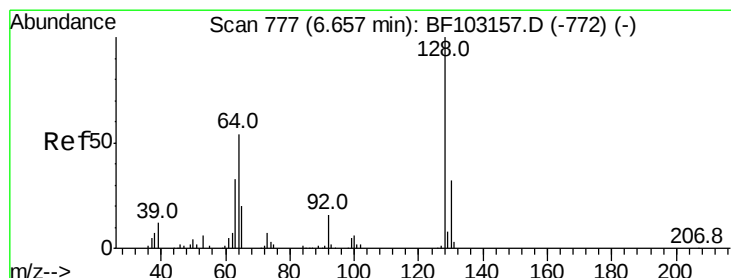
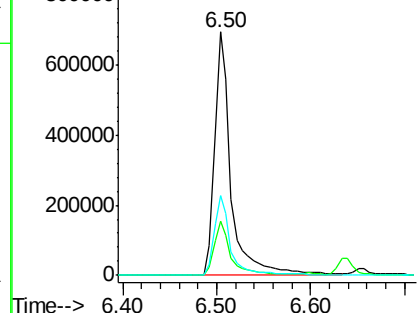
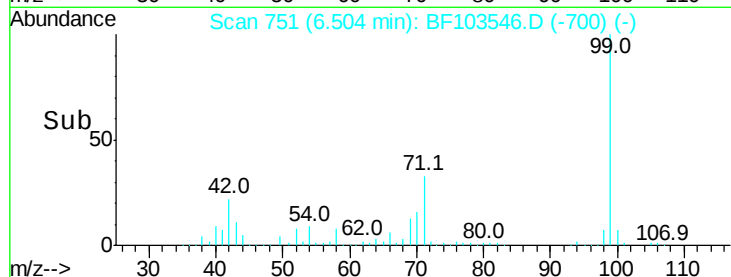
71 33.0 25.4 38.0



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: 38.897 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

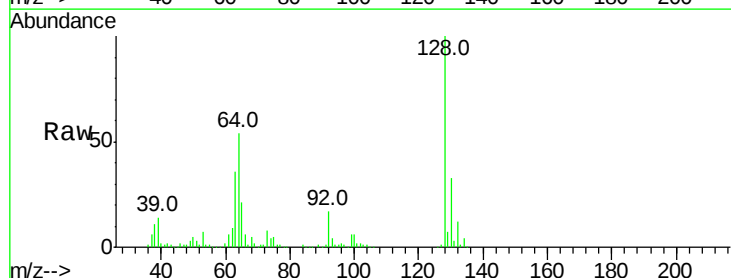
Tgt Ion:128 Resp: 370018

Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

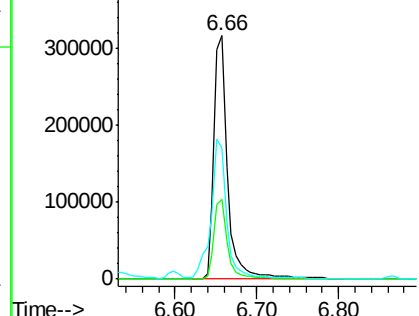
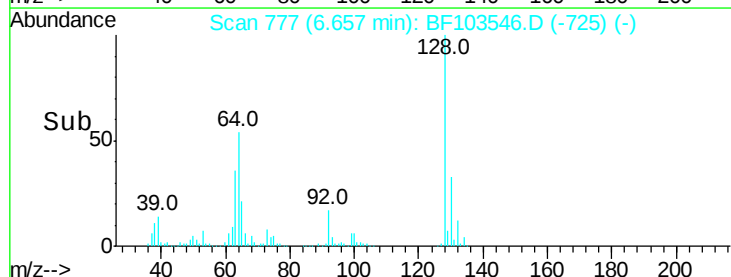
64 53.8 29.4 69.4

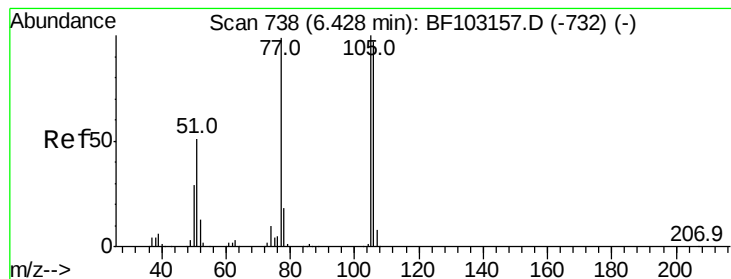


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.417 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

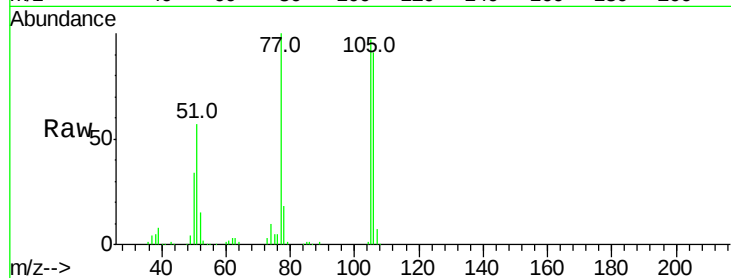
Tot Ion: 77 Resp: 216249

Ion Ratio Lower Upper

77 100

105 97.2 81.1 121.1

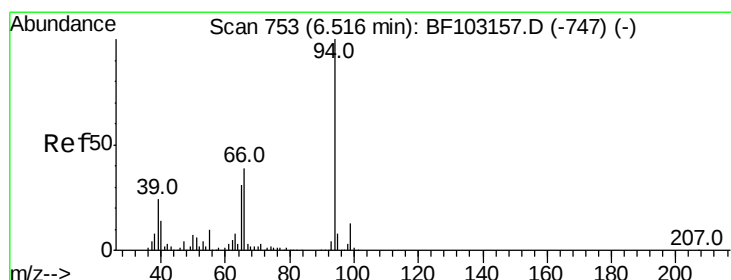
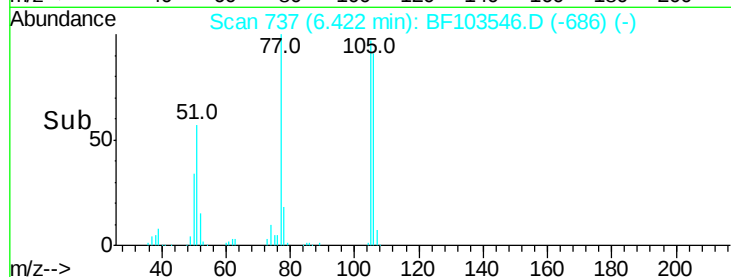
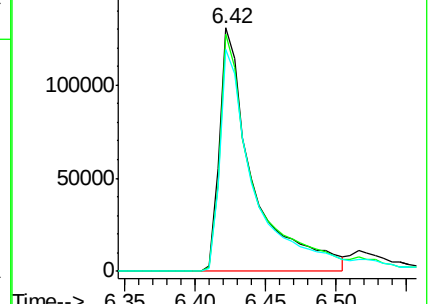
106 91.3 74.5 114.5



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: 36.439 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

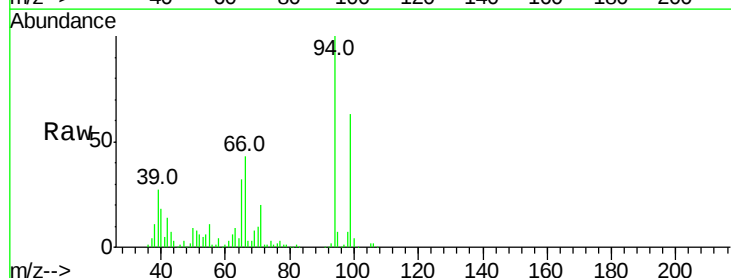
Tgt Ion: 94 Resp: 474007

Ion Ratio Lower Upper

94 100

65 32.4 7.9 47.9

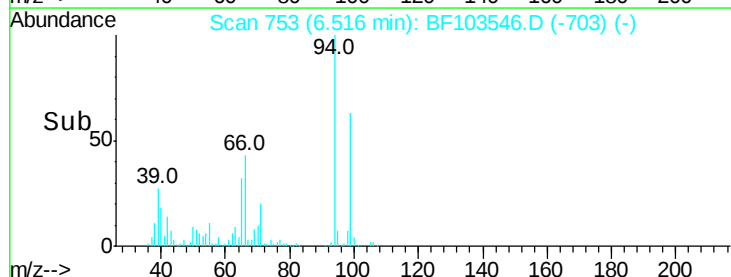
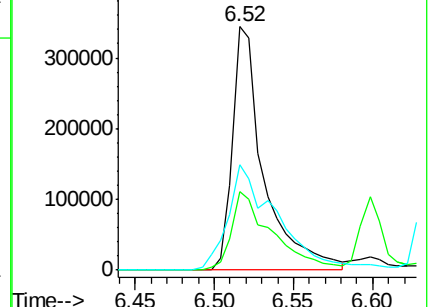
66 43.0 16.2 56.2

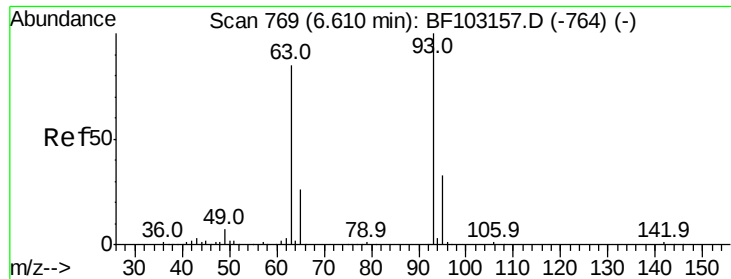


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.716 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

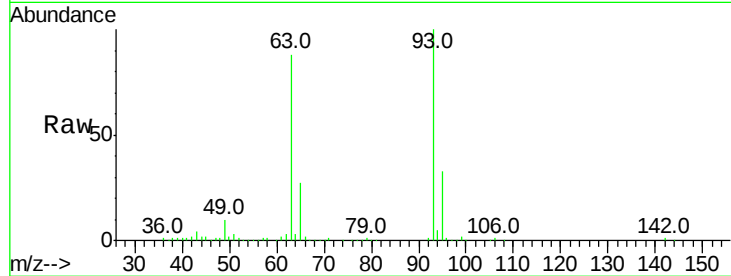
Tot Ion: 93 Resp: 372367

Ion Ratio Lower Upper

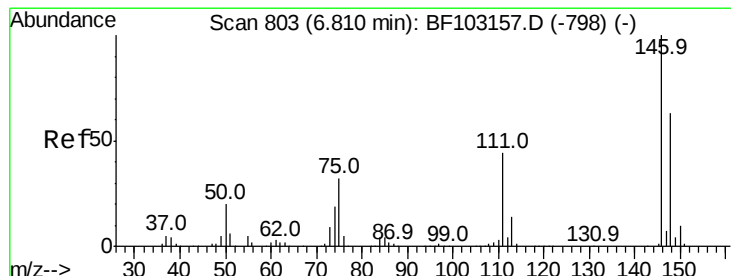
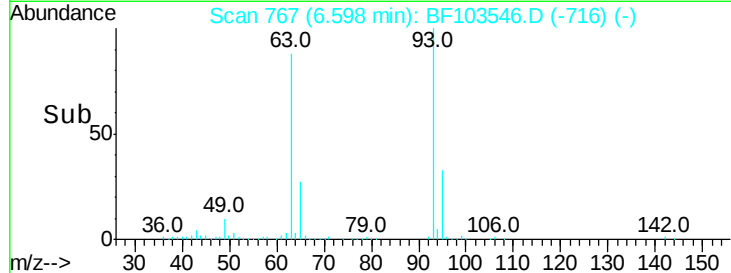
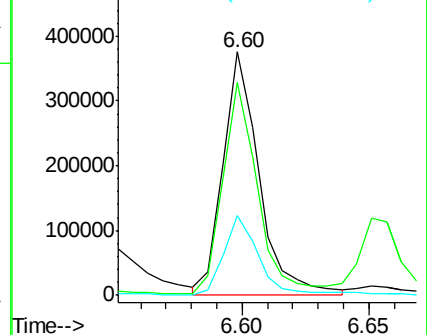
93 100

63 87.5 58.6 98.6

95 32.8 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: 35.369 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

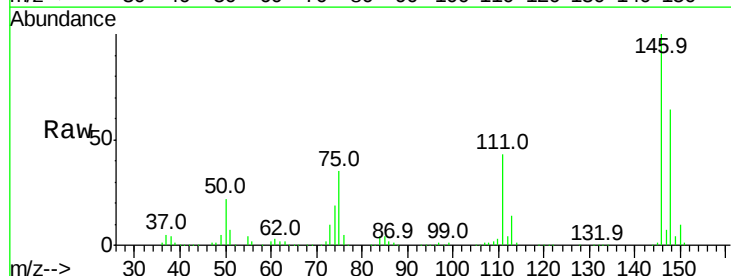
Tgt Ion: 146 Resp: 384495

Ion Ratio Lower Upper

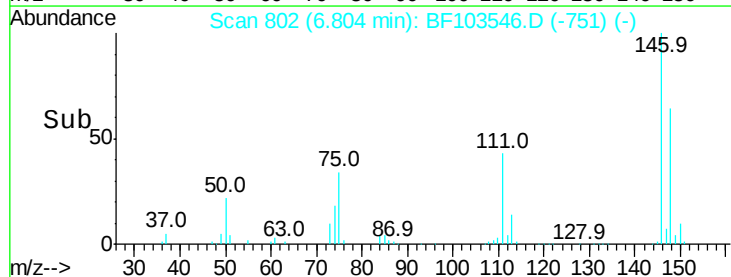
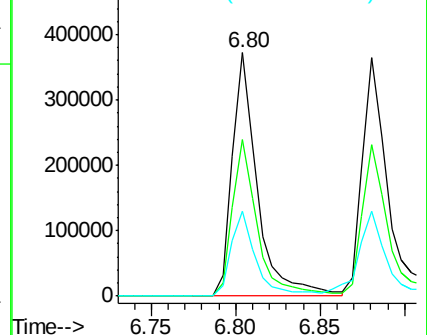
146 100

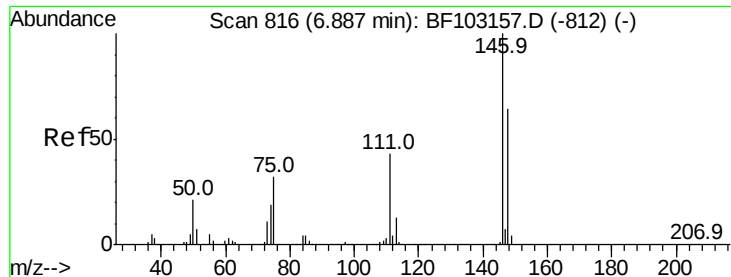
148 64.0 51.8 77.8

75 34.6 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

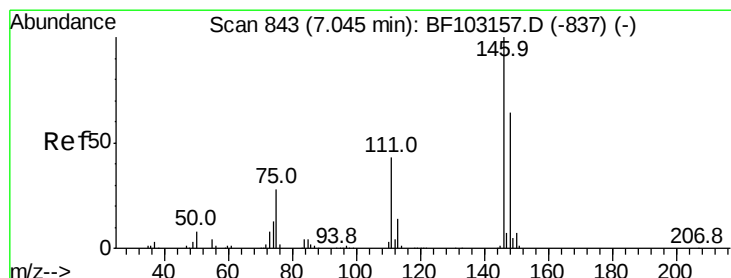
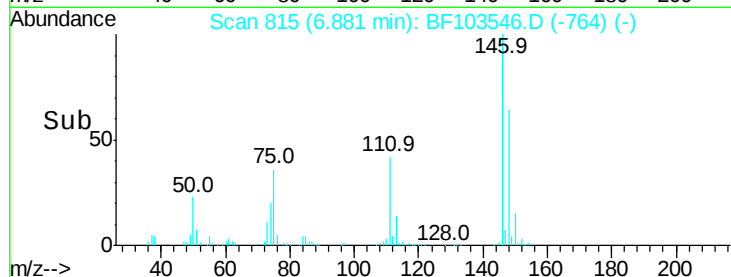
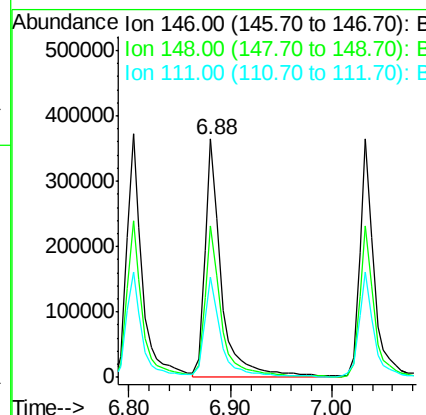
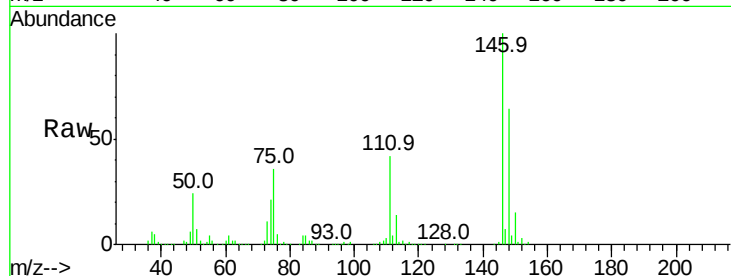




#13
 1,4-Dichlorobenzene
 Concen: 37.521 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

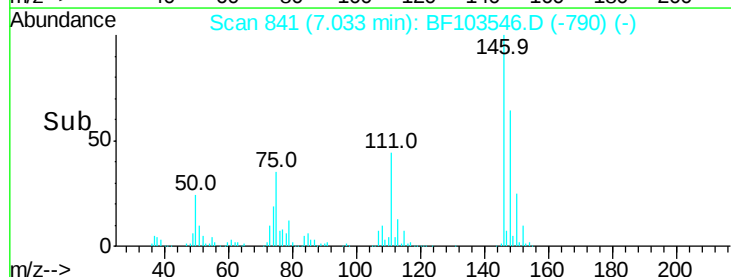
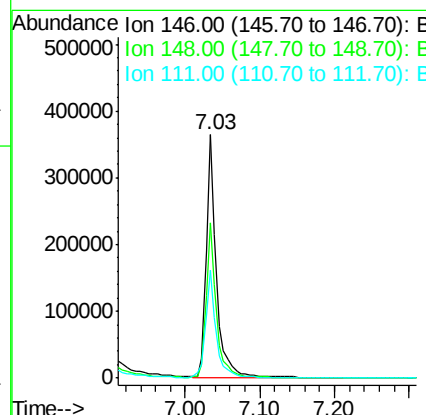
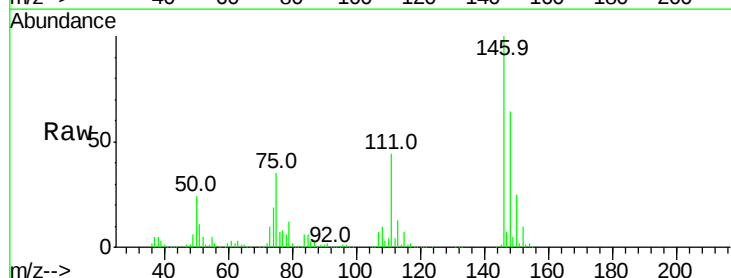
Instrument :
 BNA_F
 ClientSampled :

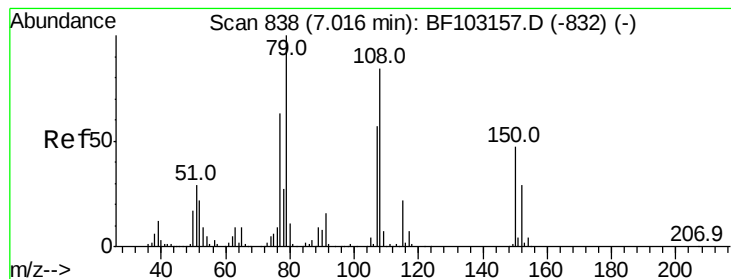
Tot Ion:146 Resp: 408951
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 42.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 35.574 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion:146 Resp: 357516
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 44.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 33.678 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

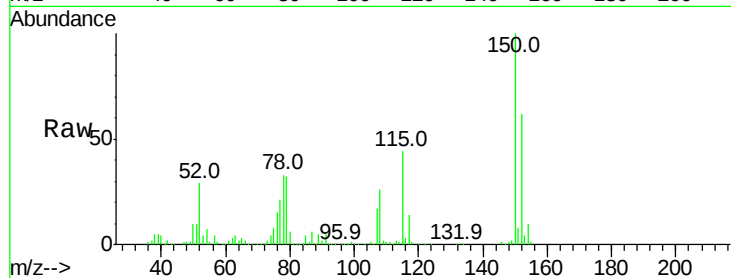
Tot Ion: 79 Resp: 284372

Ion Ratio Lower Upper

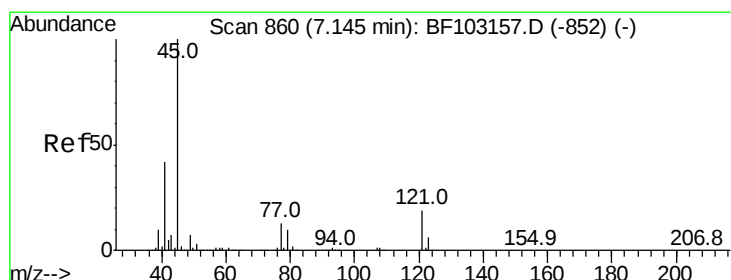
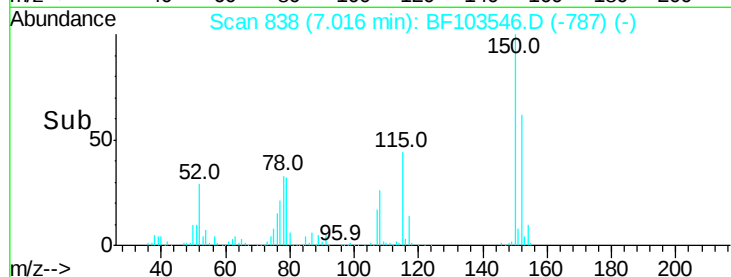
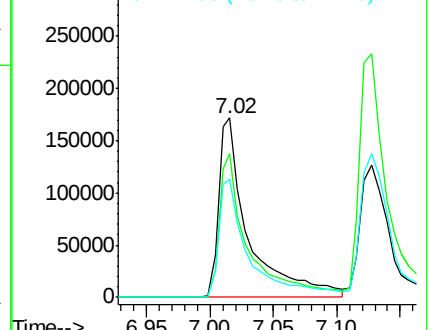
79 100

108 80.0 65.1 97.7

77 66.3 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: 34.521 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

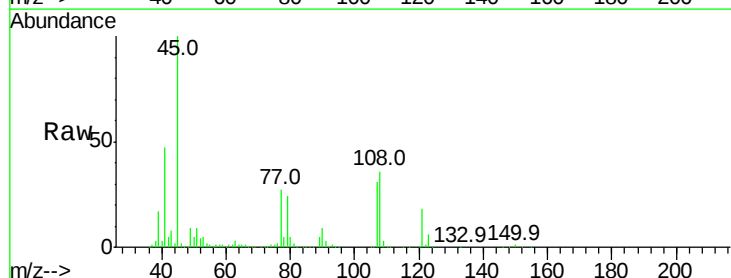
Tgt Ion: 45 Resp: 585253

Ion Ratio Lower Upper

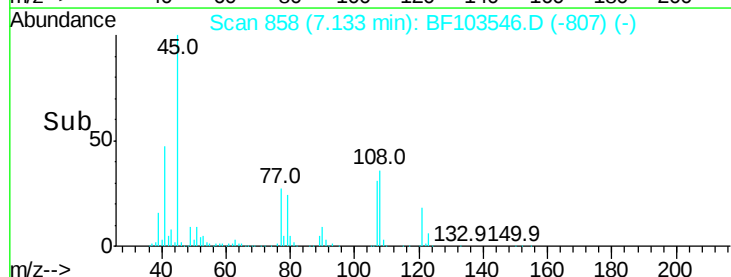
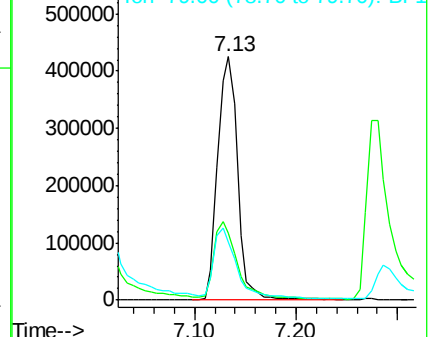
45 100

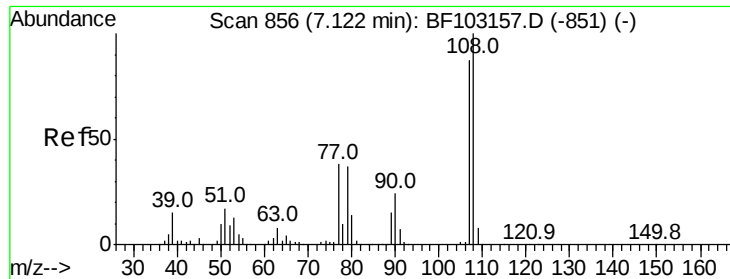
77 27.3 0.0 32.9

79 24.1 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: 35.692 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 308556

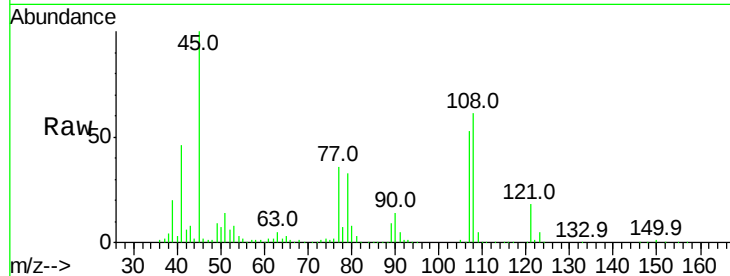
Ion Ratio Lower Upper

107 100

108 114.8 91.7 137.5

77 67.8 33.8 50.8#

79 62.5 33.8 50.8#

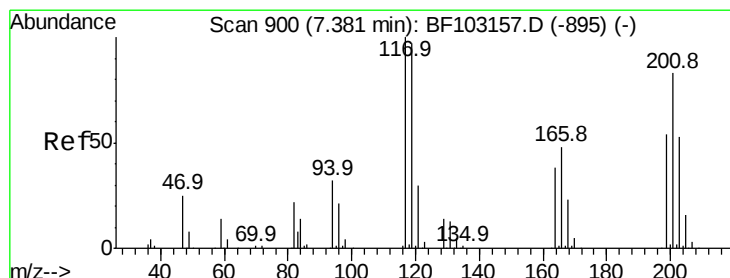
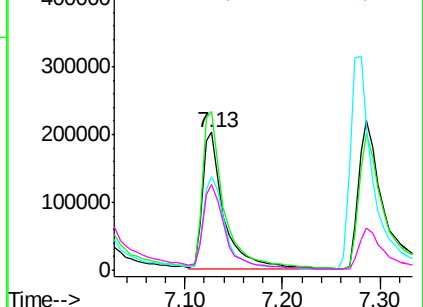
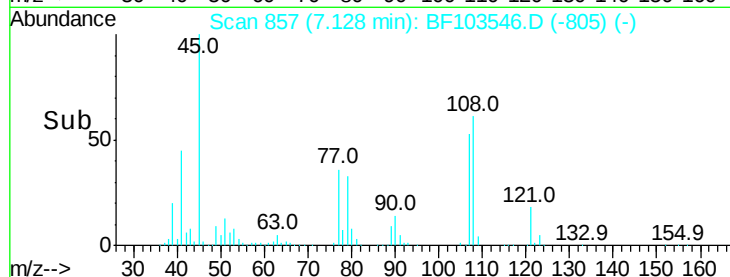


Abundance Ion 107.00 (106.70 to 107.70): E

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: 28.487 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

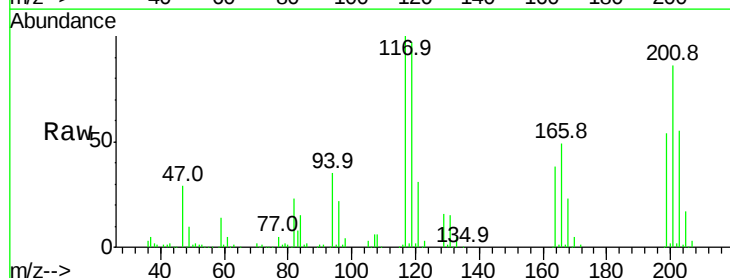
Tgt Ion:117 Resp: 113027

Ion Ratio Lower Upper

117 100

119 96.5 75.8 113.8

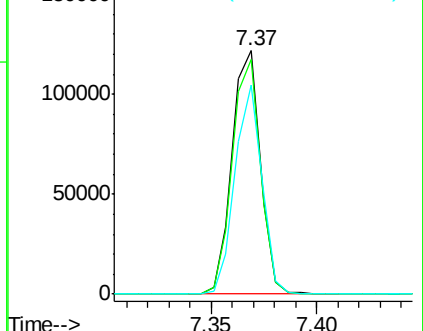
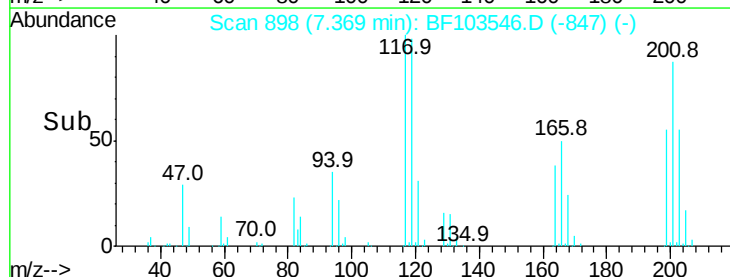
201 85.8 75.7 113.5

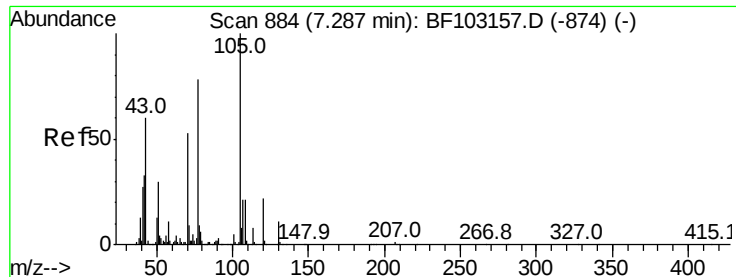


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

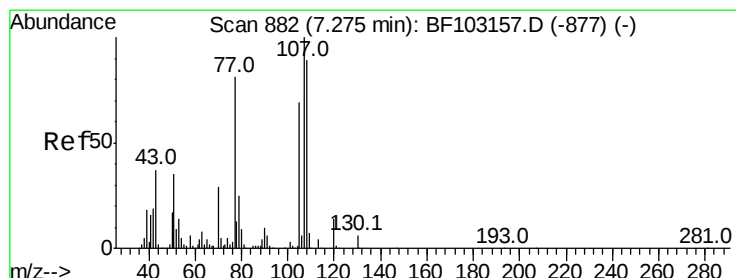
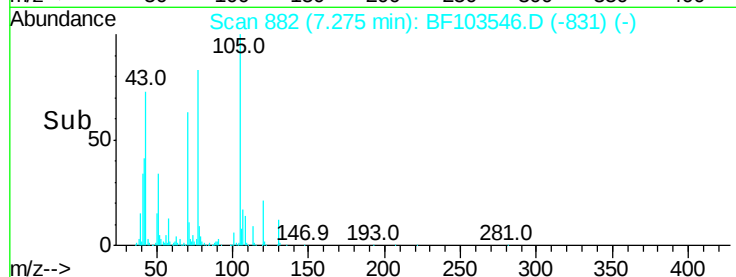
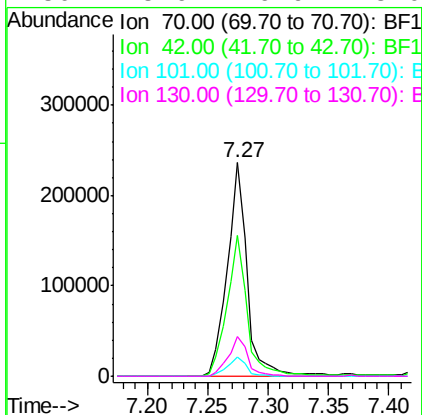
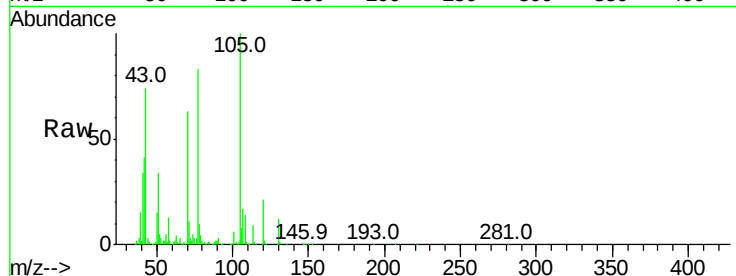




#19
n-Nitroso-di-n-propylamine
Concen: 39.133 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

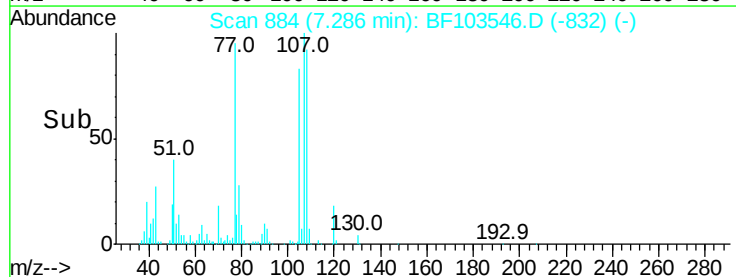
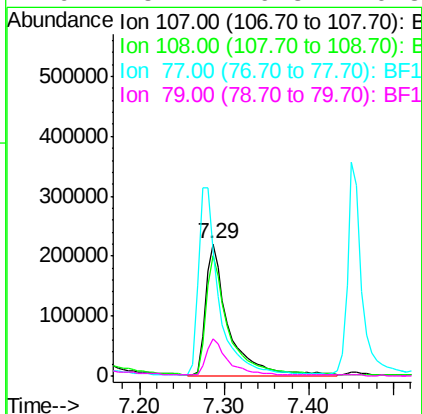
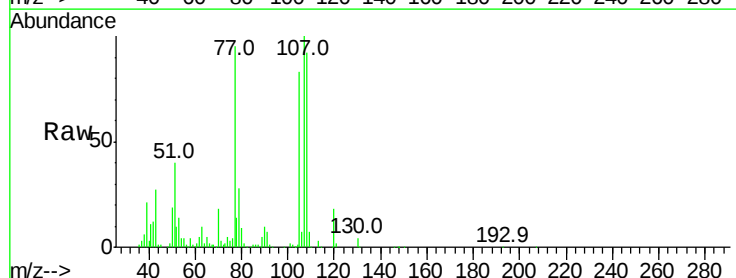
Instrument :
BNA_F
ClientSampleId :

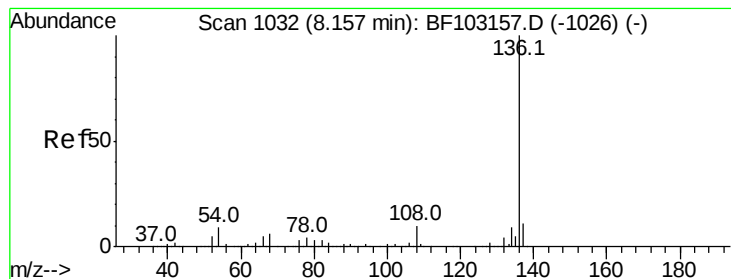
Tot Ion: 70 Resp: 272904
Ion Ratio Lower Upper
70 100
42 66.0 47.5 71.3
101 9.1 7.4 11.2
130 18.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 39.334 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion:107 Resp: 414510
Ion Ratio Lower Upper
107 100
108 91.6 68.2 108.2
77 95.4 26.7 66.7#
79 28.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 569889

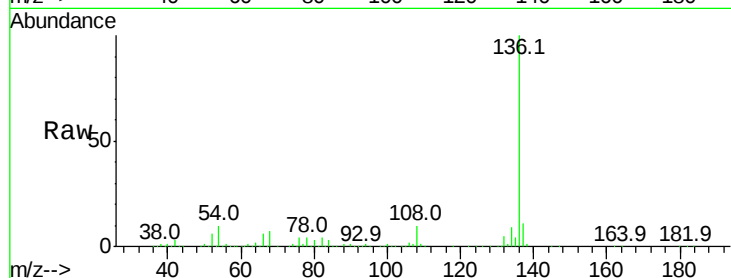
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.9 6.6 9.8#

68 6.9 5.0 7.4

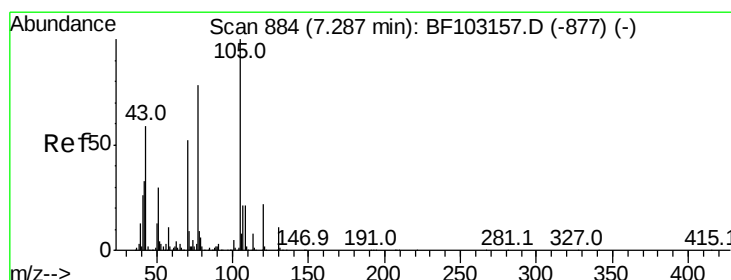
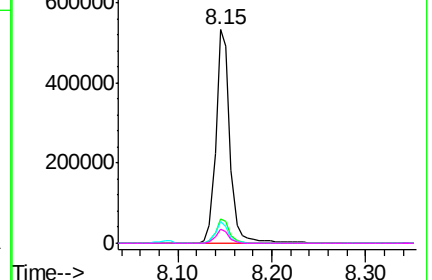
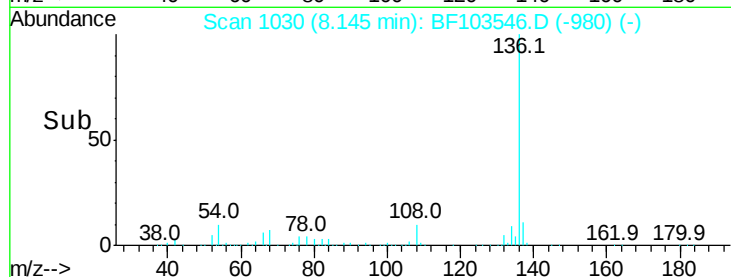


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.005 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Tgt Ion:105 Resp: 518855

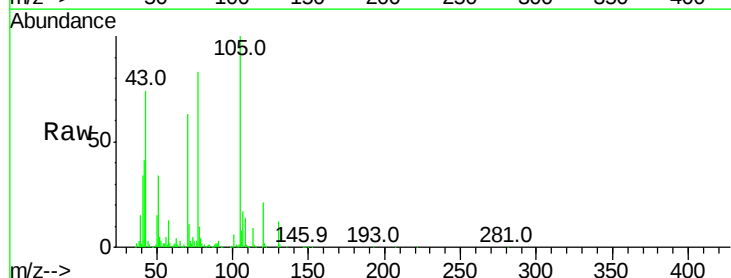
Ion Ratio Lower Upper

105 100

71 10.9 4.4 6.6#

51 34.5 22.3 33.5#

120 21.1 16.9 25.3

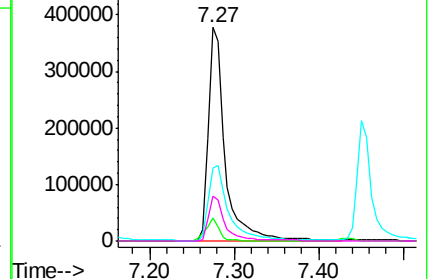
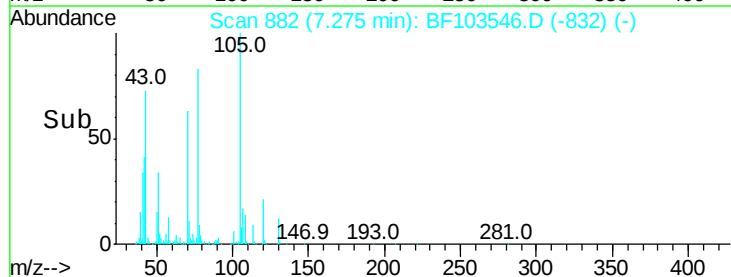


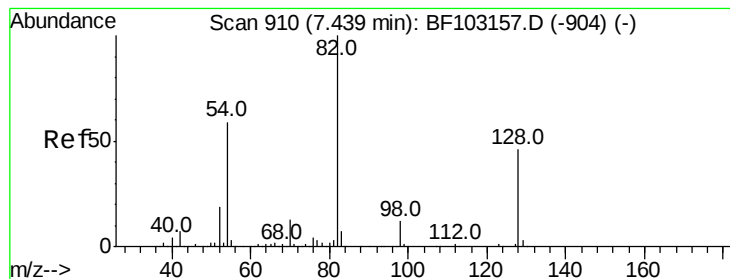
Abundance Ion 105.00 (104.70 to 105.70): E

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: 77.672 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampled :

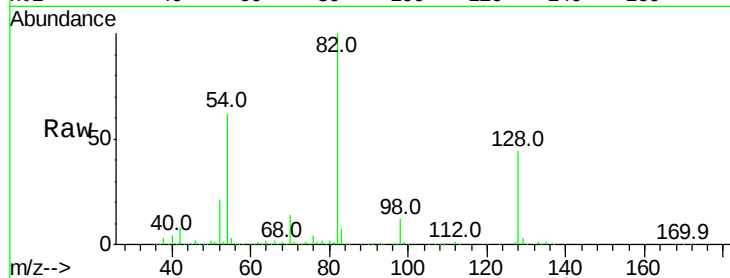
Tot Ion: 82 Resp: 775094

Ion Ratio Lower Upper

82 100

128 43.6 36.1 54.1

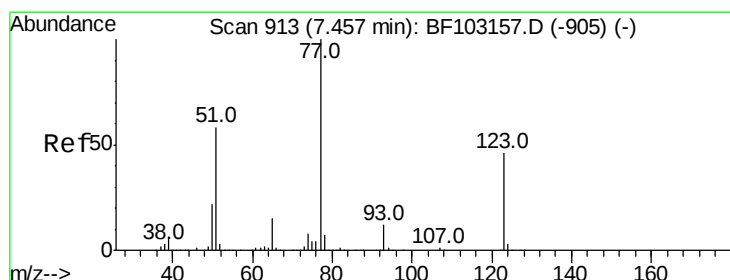
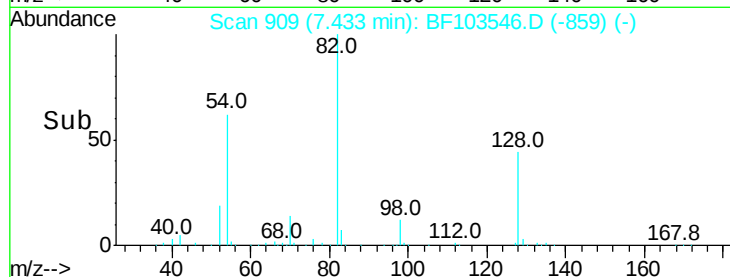
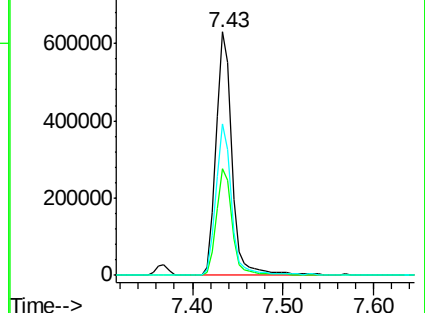
54 62.4 41.4 62.2#



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: 38.236 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

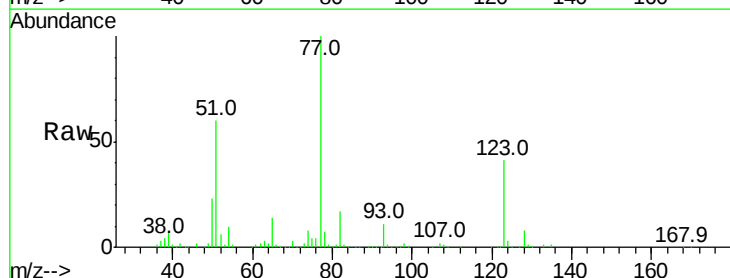
Tgt Ion: 77 Resp: 420099

Ion Ratio Lower Upper

77 100

123 41.3 37.9 56.9

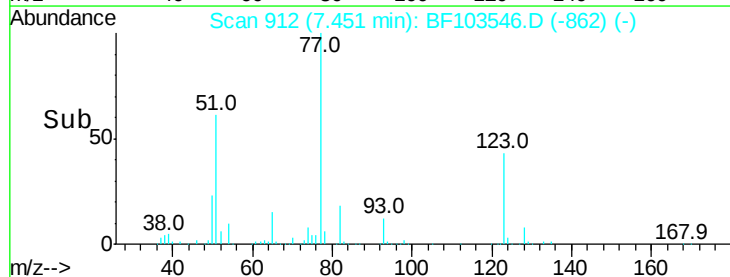
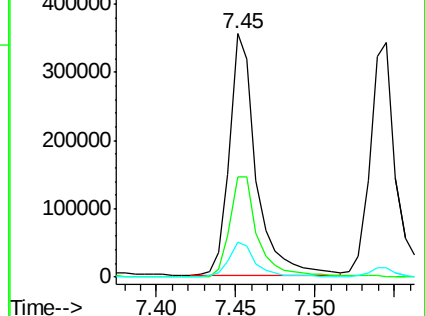
65 14.4 11.0 16.4

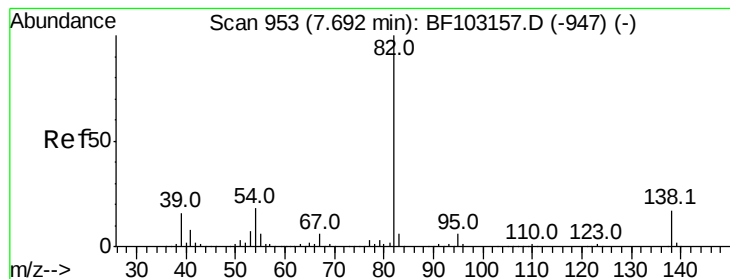


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.544 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

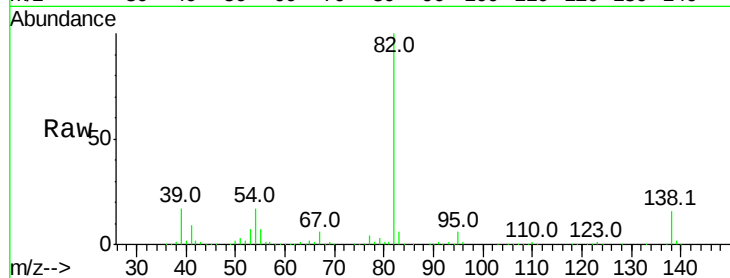
Tot Ion: 82 Resp: 777184

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

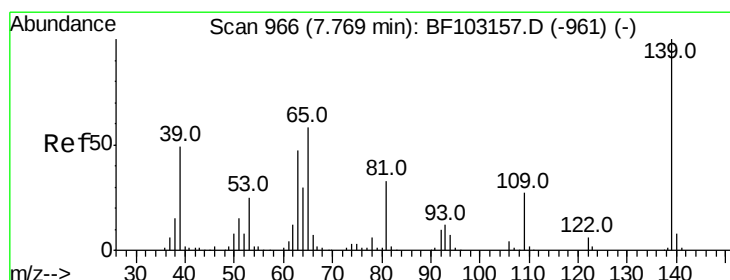
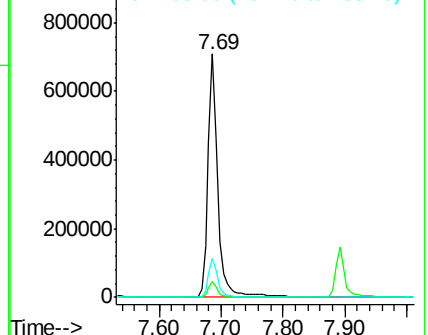
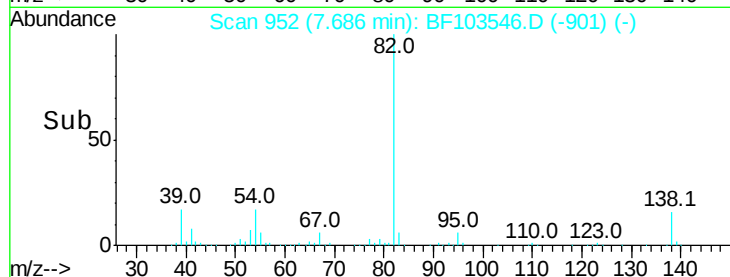
138 16.0 14.9 22.3



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: 32.182 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

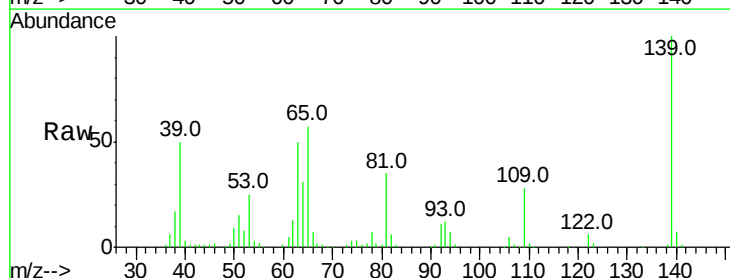
Tgt Ion: 139 Resp: 166455

Ion Ratio Lower Upper

139 100

109 28.3 22.7 34.1

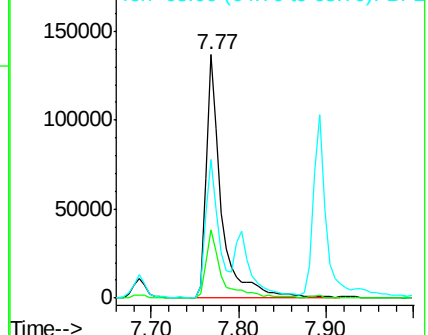
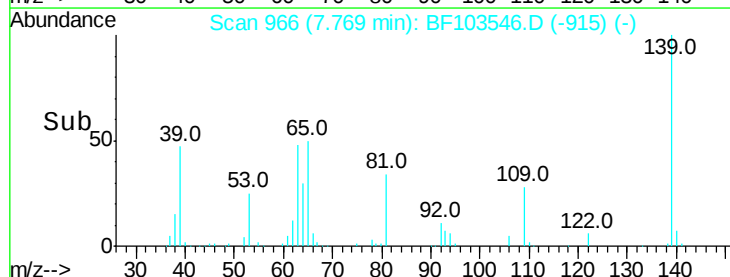
65 57.1 40.5 60.7

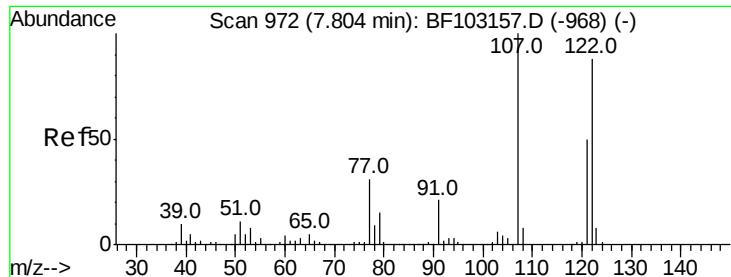


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

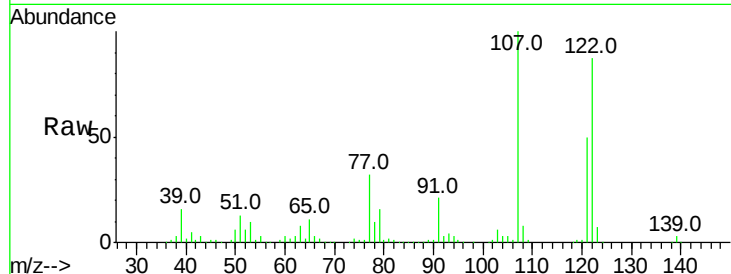




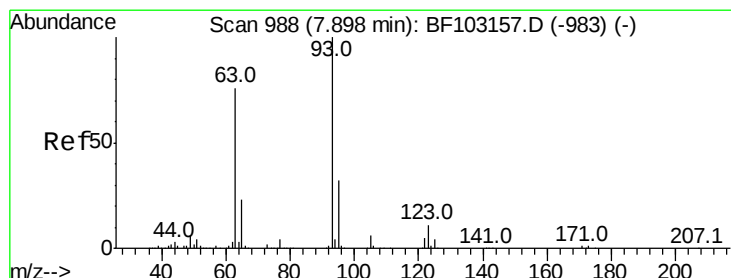
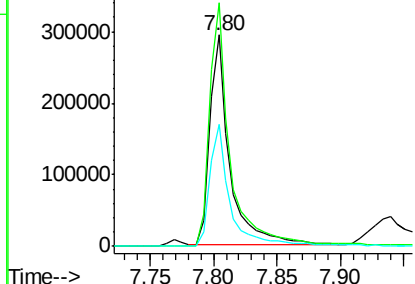
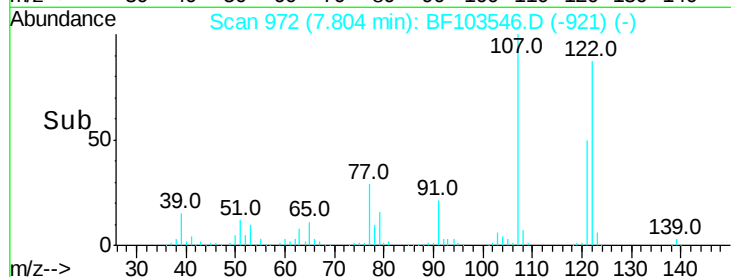
#27
2,4-Dimethylphenol
Concen: 40.259 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 318286
Ion Ratio Lower Upper
122 100
107 115.3 91.2 136.8
121 57.7 47.2 70.8

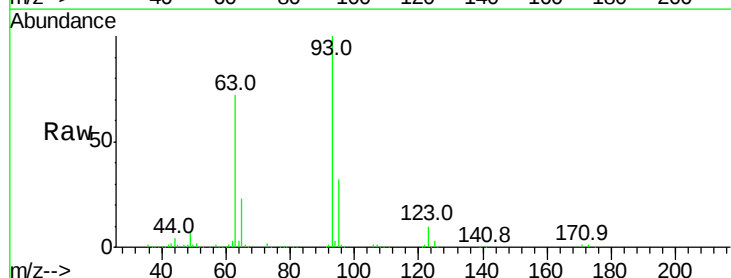


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

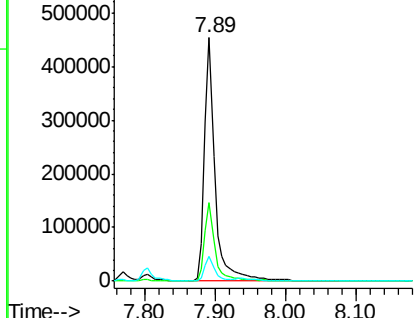
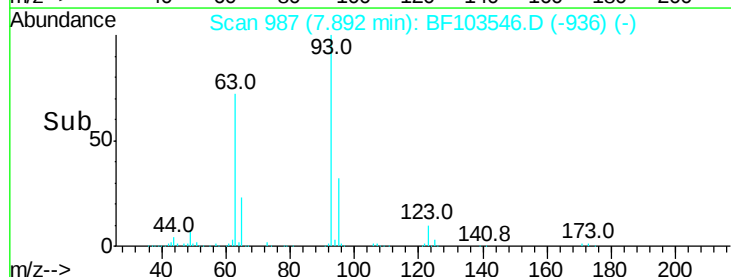


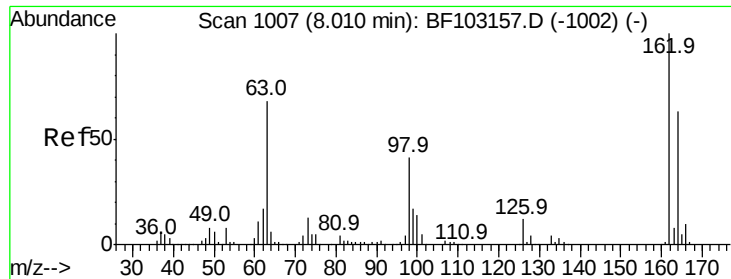
#28
bis(2-Chloroethoxy)methane
Concen: 41.035 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion: 93 Resp: 474174
Ion Ratio Lower Upper
93 100
95 32.2 26.3 39.5
123 10.3 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

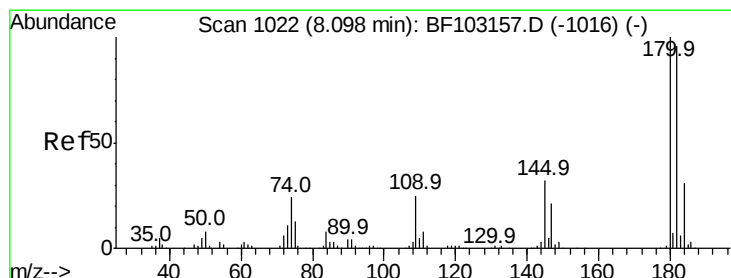
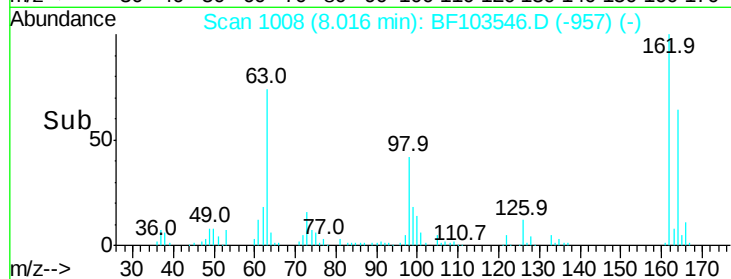
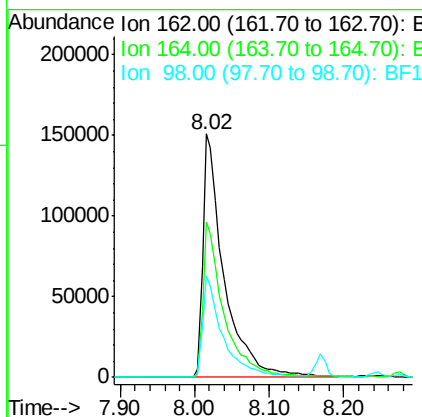
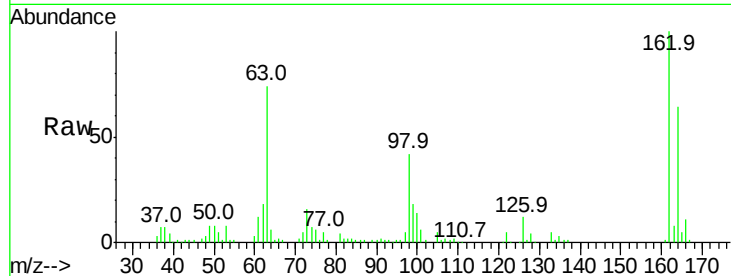




#29
 2,4-Dichlorophenol
 Concen: 39.500 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

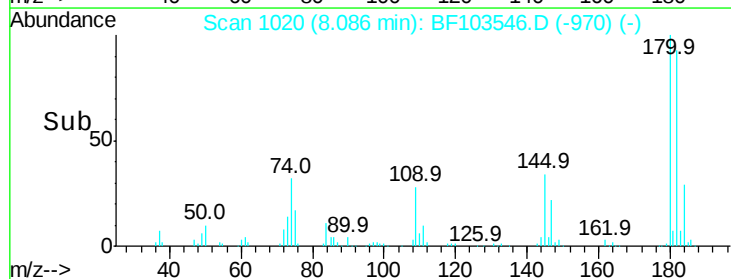
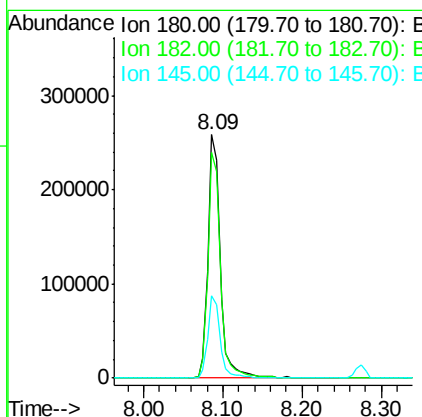
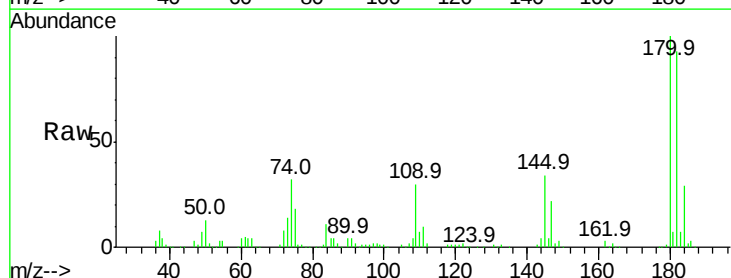
Instrument :
 BNA_F
 ClientSampled :

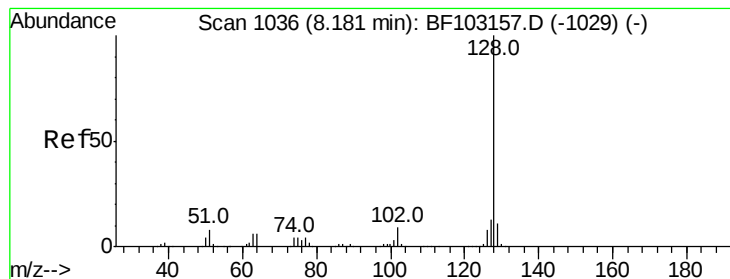
Tot Ion:162 Resp: 298984
 Ion Ratio Lower Upper
 162 100
 164 63.7 42.7 82.7
 98 41.7 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 34.798 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion:180 Resp: 280484
 Ion Ratio Lower Upper
 180 100
 182 92.5 76.8 115.2
 145 33.7 26.5 39.7





#31

Naphthalene

Concen: 37.079 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

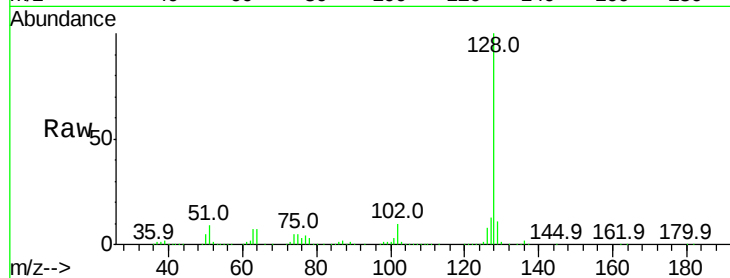
Tot Ion:128 Resp: 1034522

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

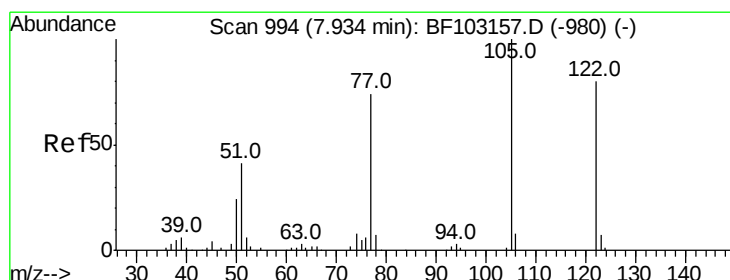
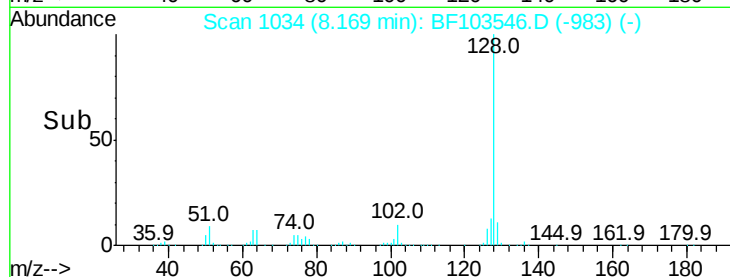
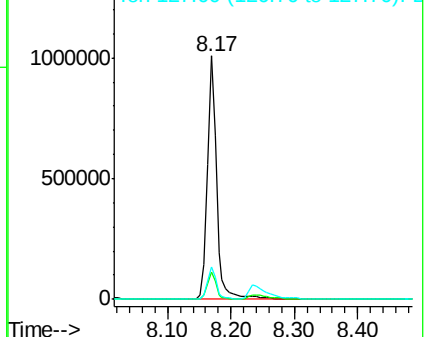
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.691 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.02 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

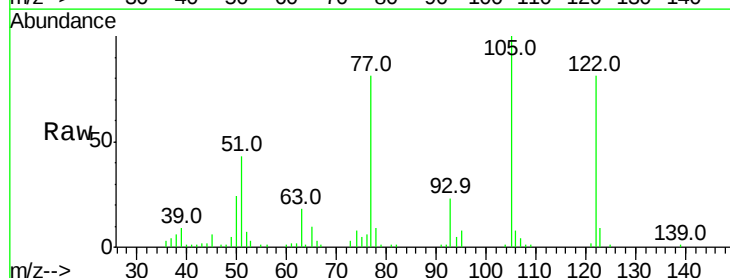
Tgt Ion:122 Resp: 108109

Ion Ratio Lower Upper

122 100

105 123.3 101.1 141.1

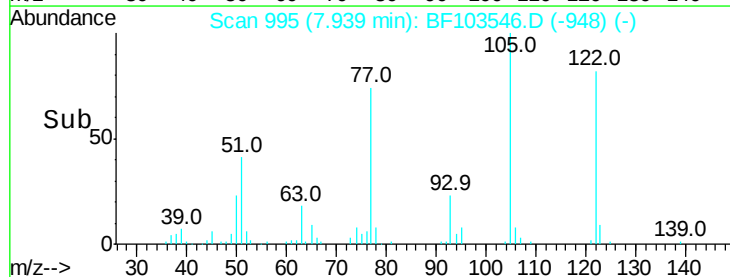
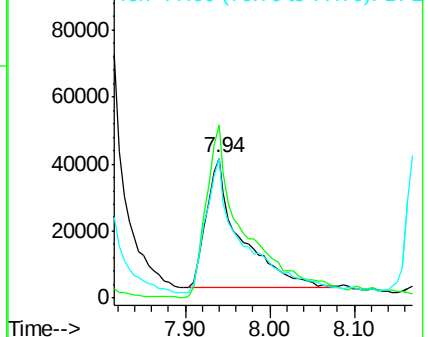
77 99.9 70.7 110.7

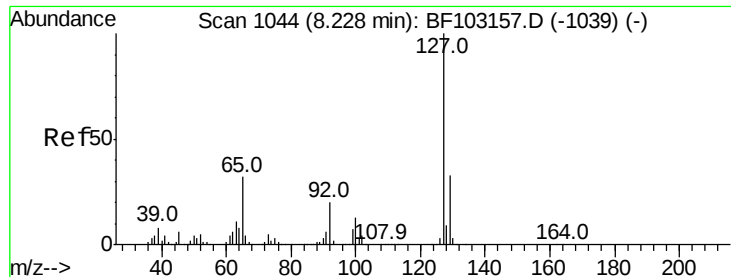


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

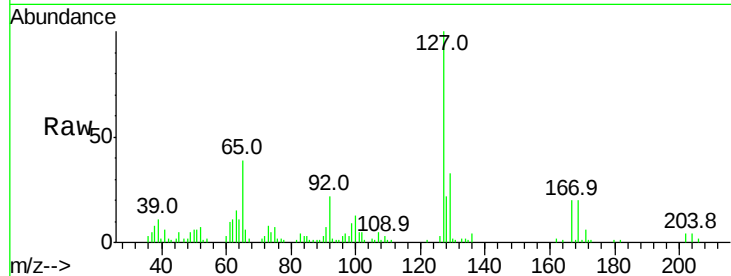




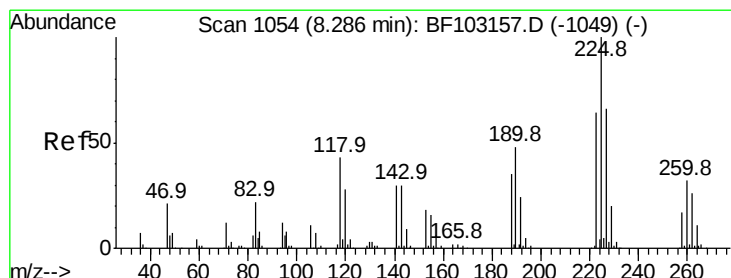
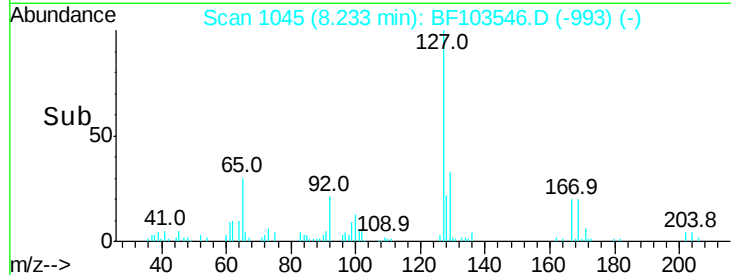
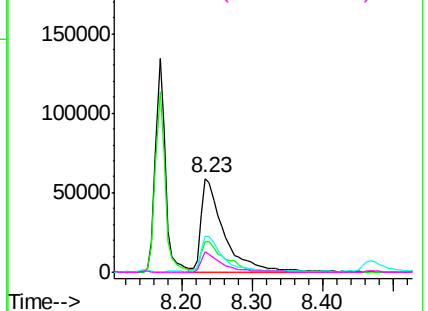
#33
4-Chloroaniline
Concen: 10.986 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	132273
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	38.7	25.0	37.4
92	21.5	15.2	22.8

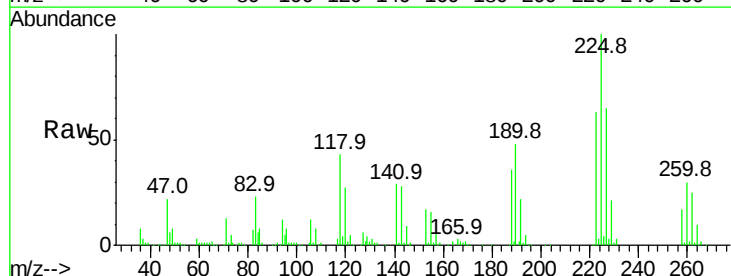


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

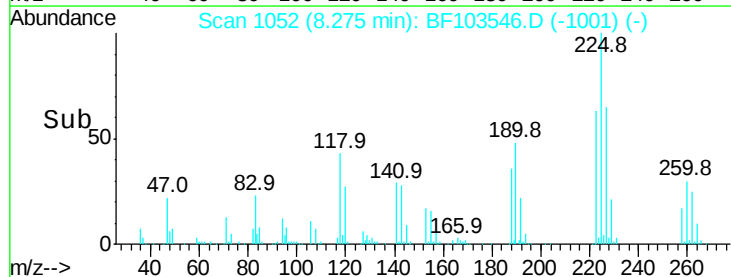
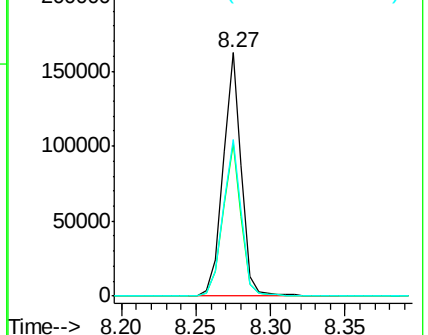


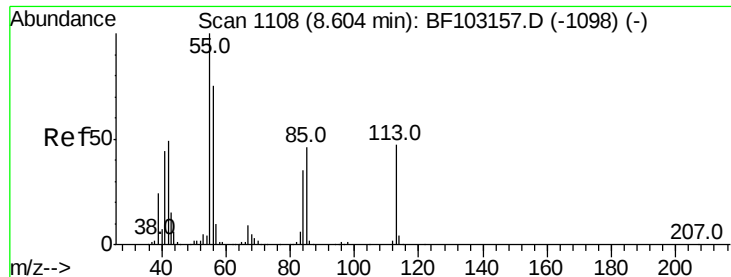
#34
Hexachlorobutadiene
Concen: 33.335 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion:	225	Resp:	139921
Ion	Ratio	Lower	Upper
225	100		
223	63.0	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

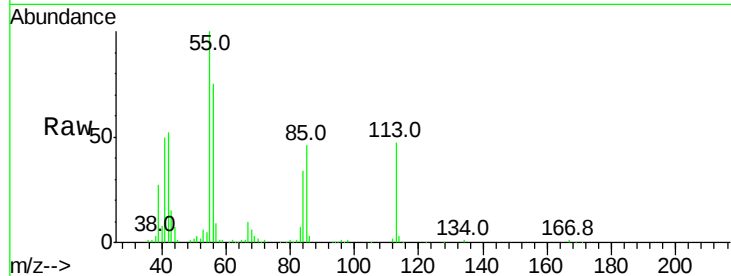




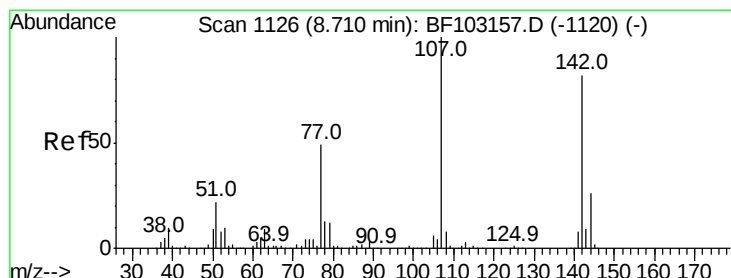
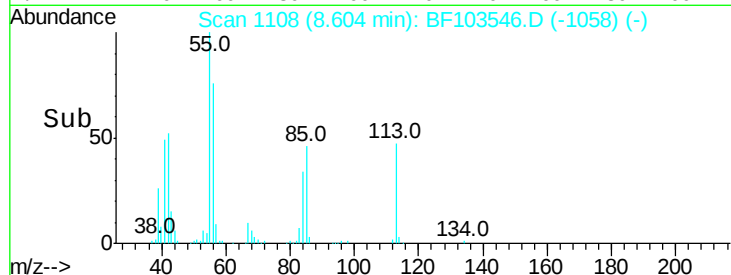
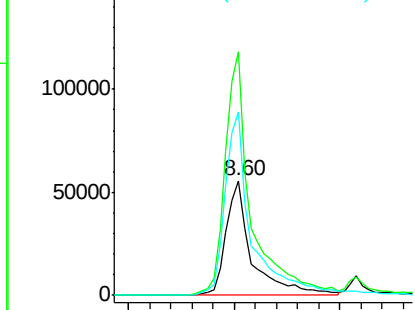
#35
 Caprolactam
 Concen: 35.743 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 95086
 Ion Ratio Lower Upper
 113 100
 55 212.8 163.3 203.3#
 56 160.4 115.7 155.7#

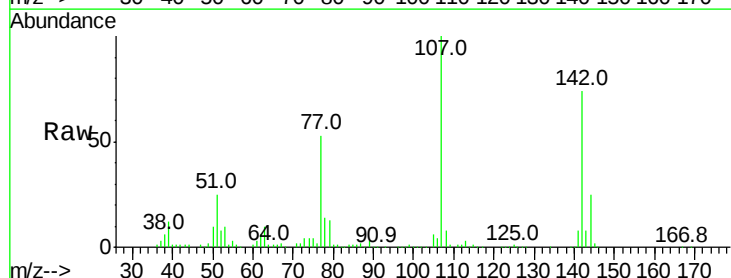


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

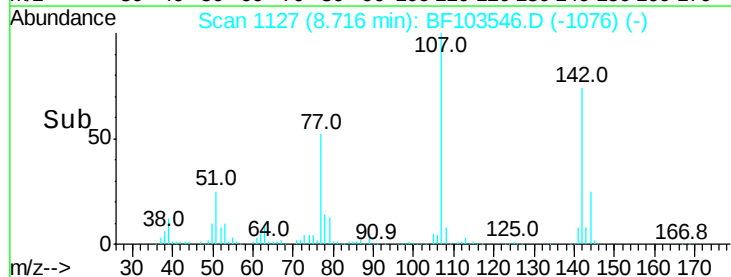
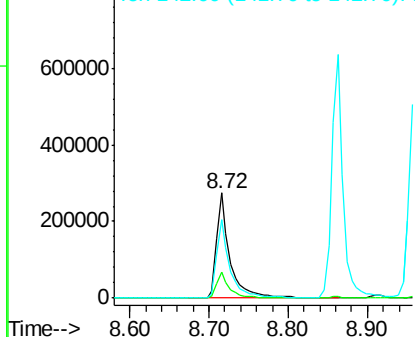


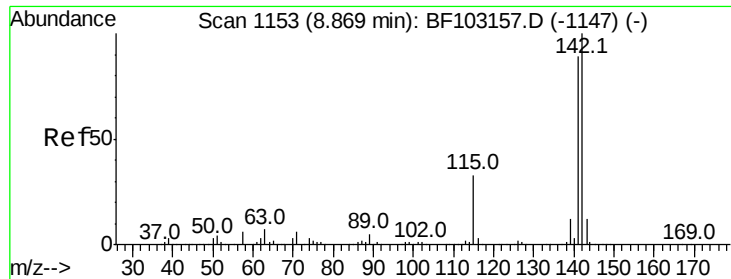
#36
 4-Chloro-3-methylphenol
 Concen: 37.682 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion:107 Resp: 321707
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.5 30.7
 142 74.3 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

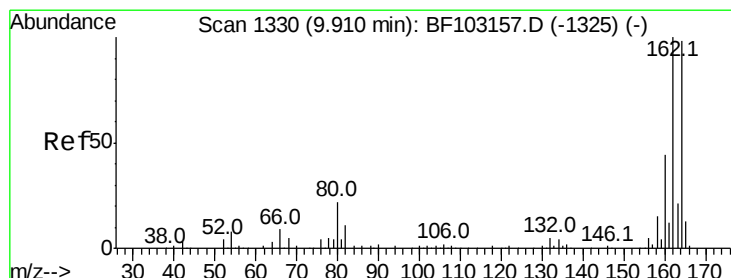
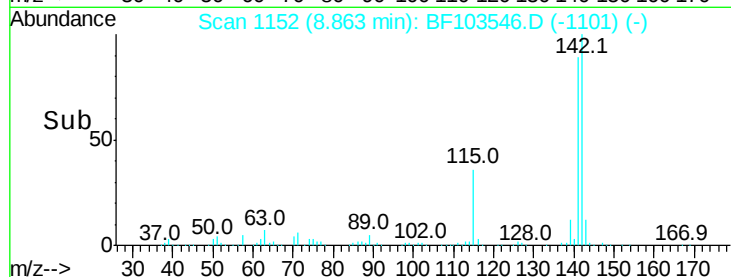
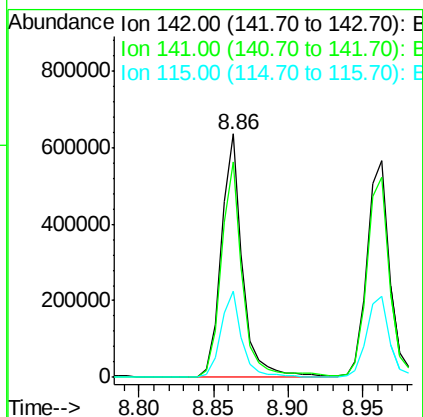
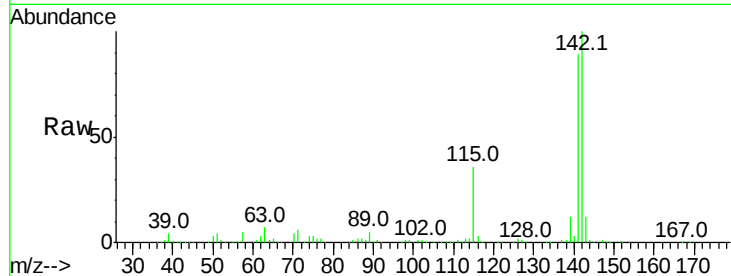




#37
 2-Methylnaphthalene
 Concen: 35.275 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

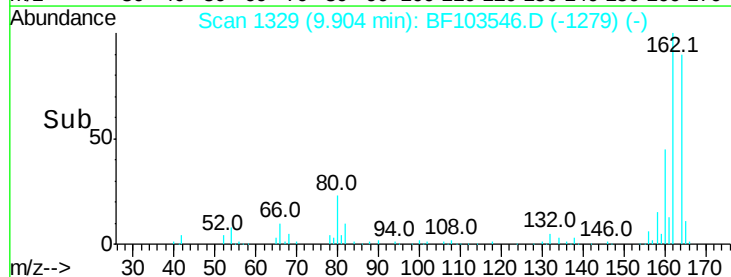
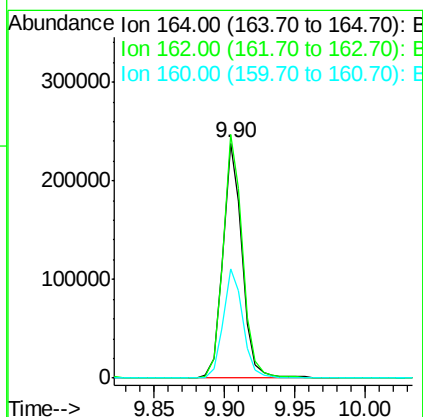
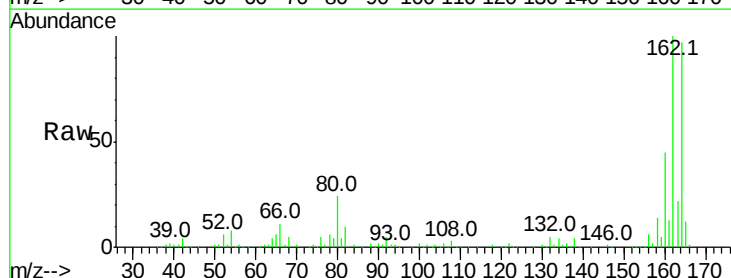
Instrument :
 BNA_F
 ClientSampleId :

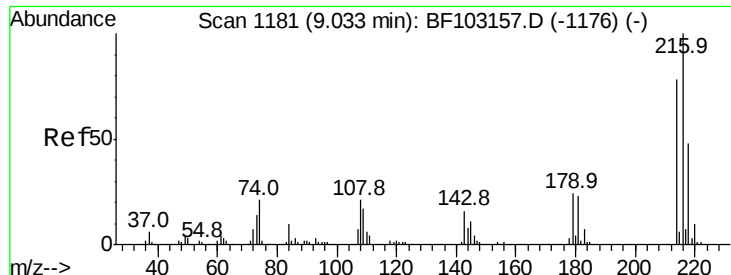
Tot Ion:142 Resp: 636064
 Ion Ratio Lower Upper
 142 100
 141 88.5 70.8 106.2
 115 35.6 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion:164 Resp: 224343
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 46.2 38.3 57.5

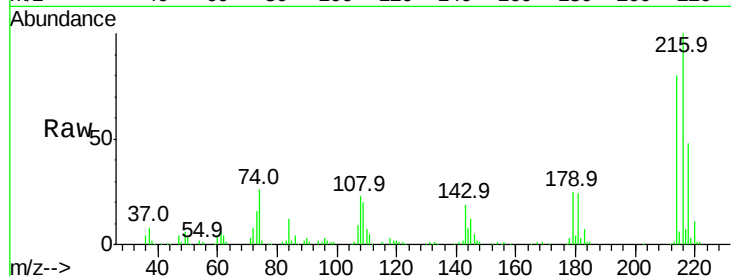




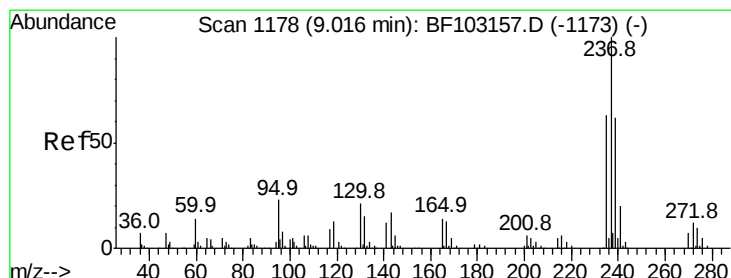
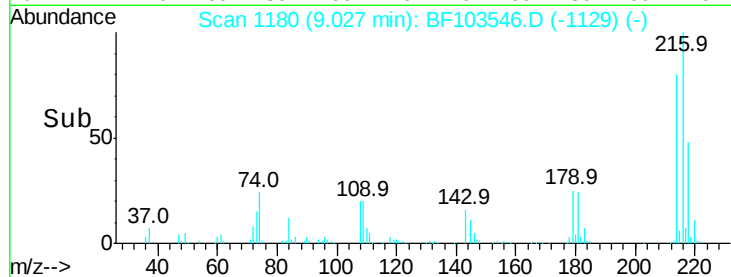
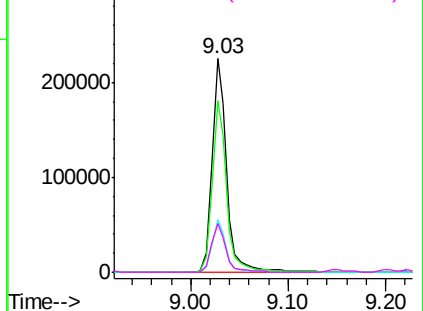
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.744 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	231489
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.0	94.4
179	24.0	18.1	27.1
108	23.2	17.2	25.8

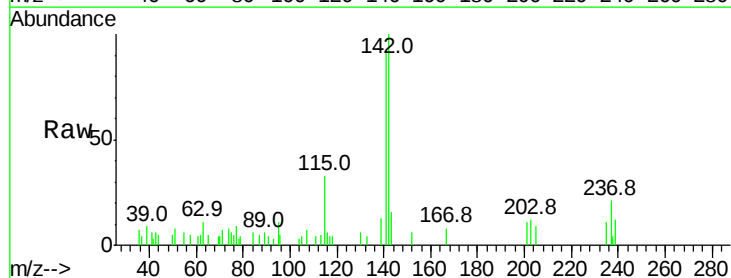


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

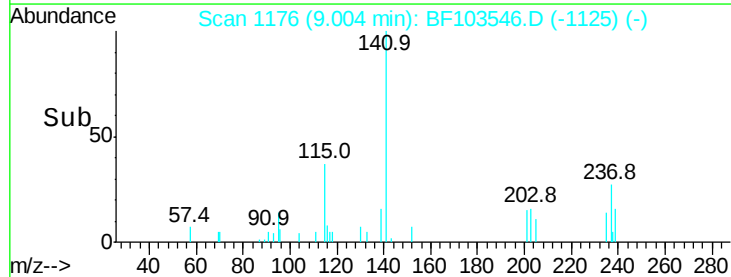
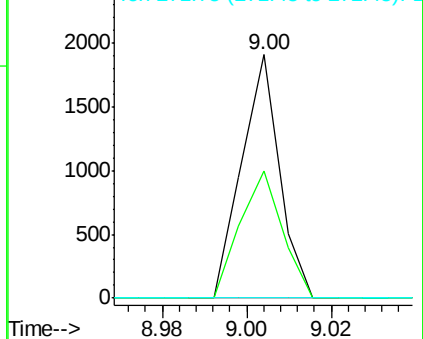


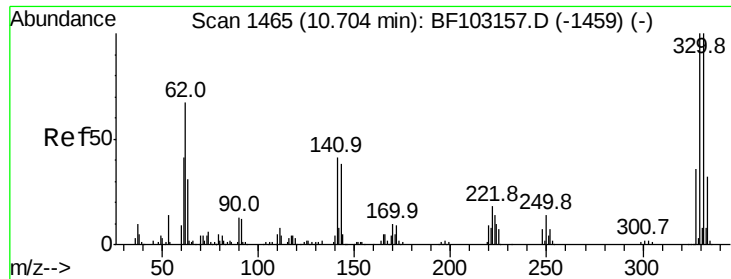
#40
 Hexachlorocyclopentadiene
 Concen: 9.371 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion:	237	Resp:	1190
Ion	Ratio	Lower	Upper
237	100		
235	52.3	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

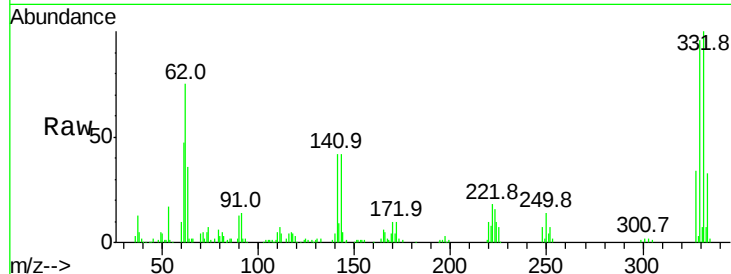




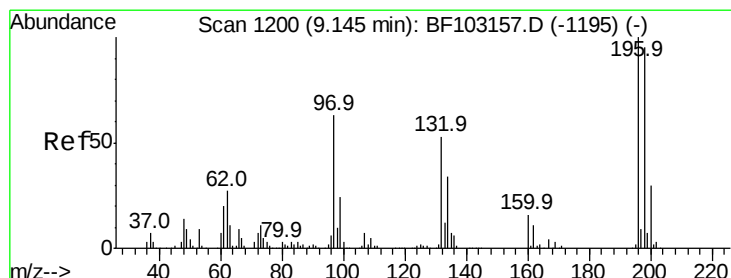
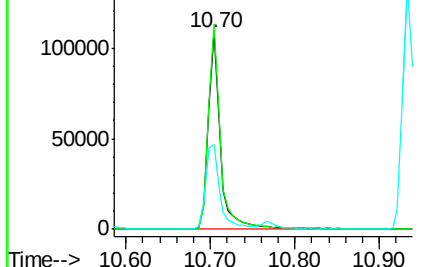
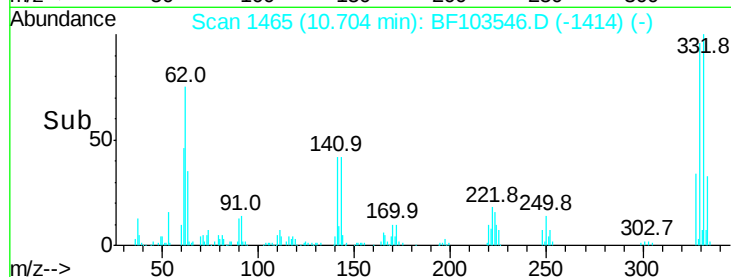
#41
 2,4,6-Tribromophenol
 Concen: 59.171 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 112362
 Ion Ratio Lower Upper
 330 100
 332 102.1 77.0 115.6
 141 49.7 29.9 44.9#

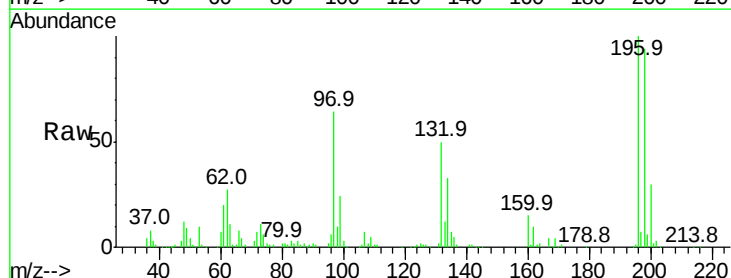


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

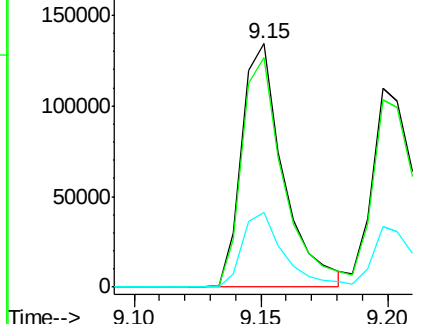
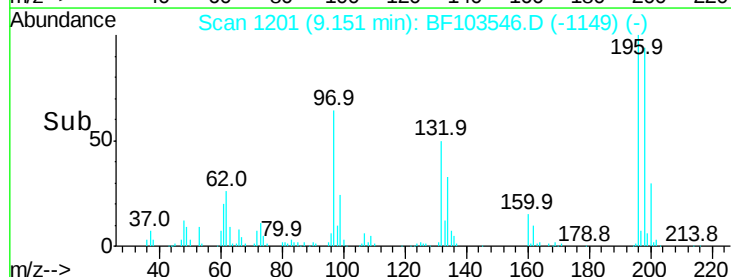


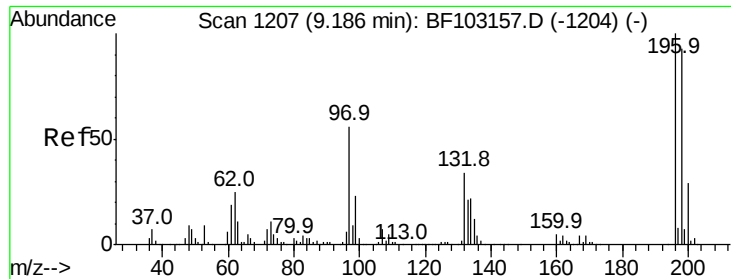
#42
 2,4,6-Trichlorophenol
 Concen: 37.262 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion:196 Resp: 153775
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 200 30.5 24.5 36.7



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

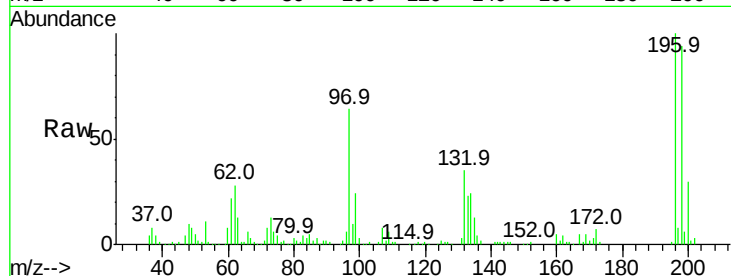




#43
 2,4,5-Trichlorophenol
 Concen: 33.315 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.6	112.0
97	64.1	42.9	64.3
132	35.5	26.3	39.5



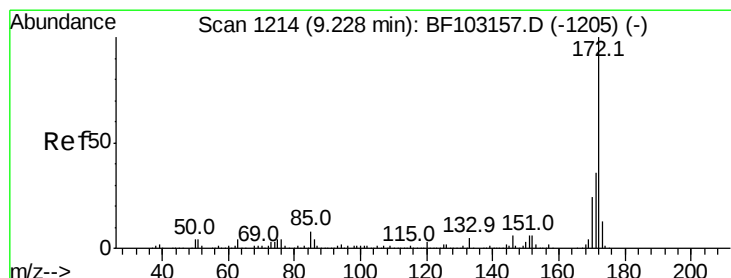
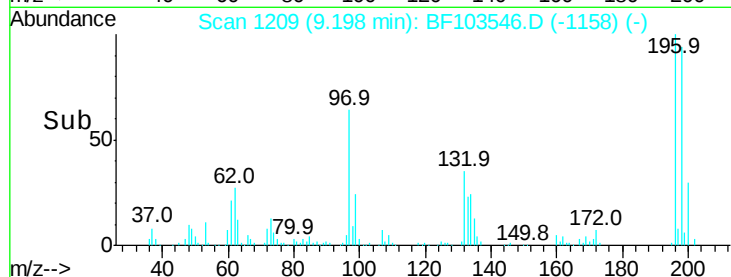
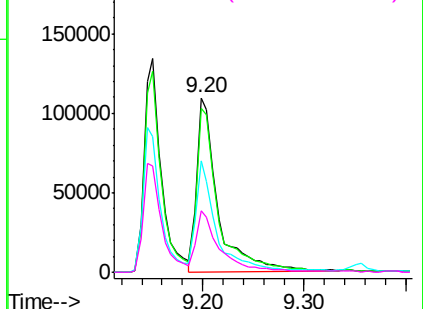
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

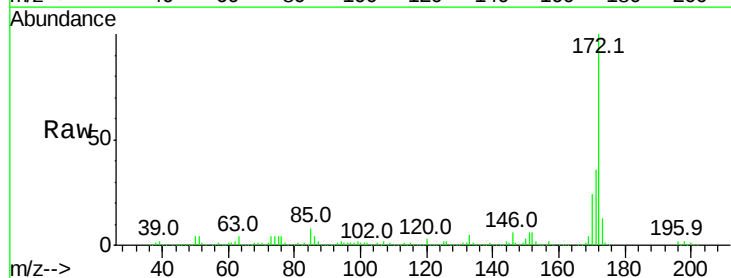
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.125 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.3	19.6	29.4

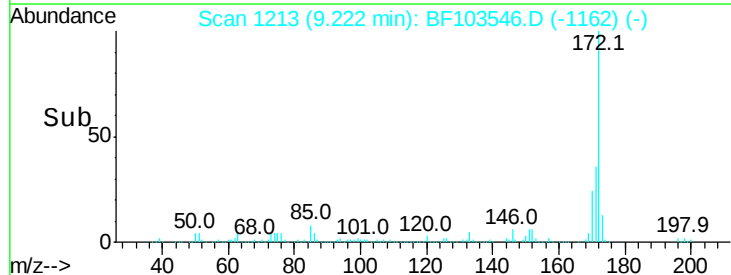
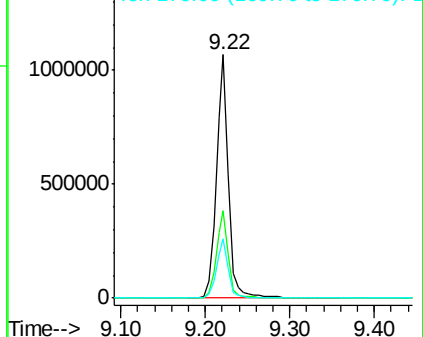


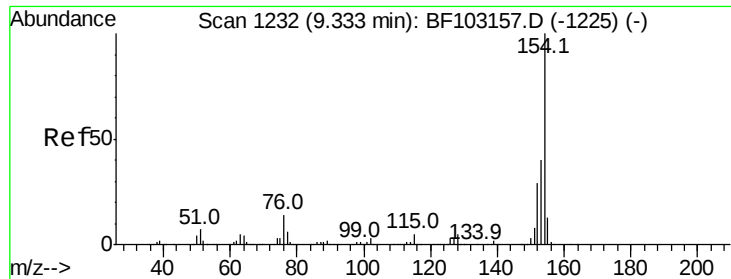
Abundance

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

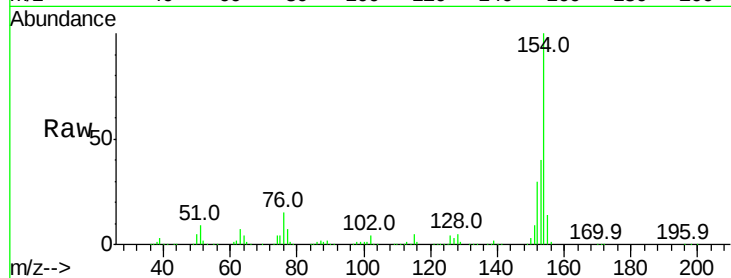




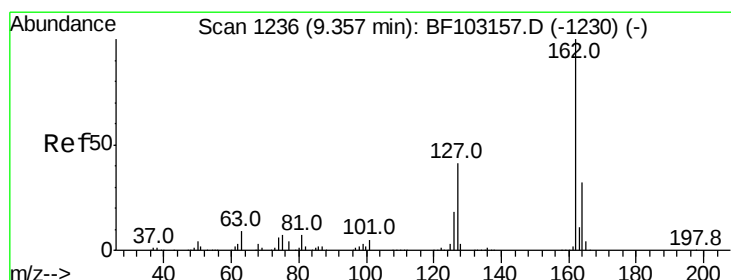
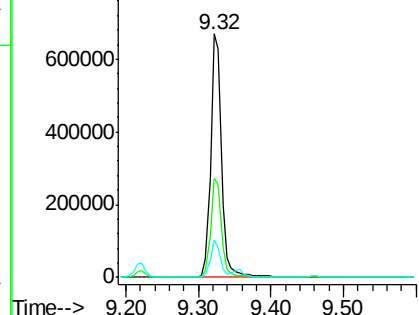
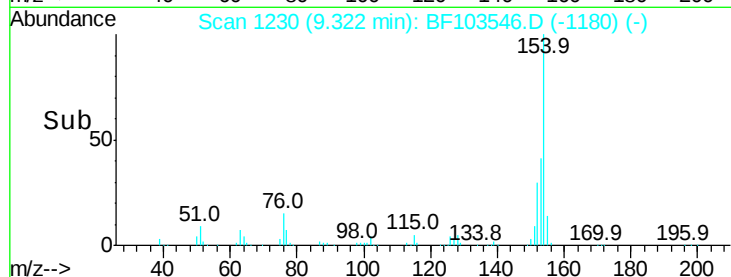
#45
 1,1'-Biphenyl
 Concen: 37.299 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 701170
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.3 61.3
 76 15.3 0.0 34.0

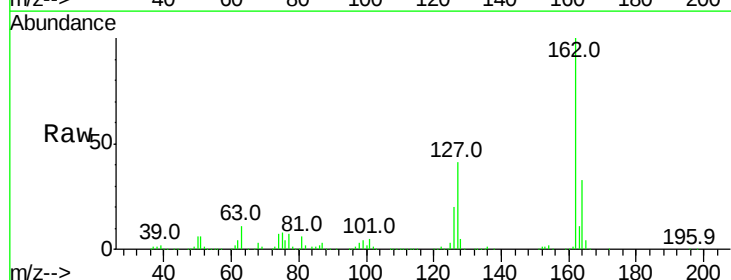


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

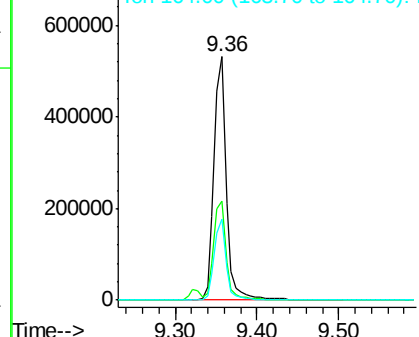
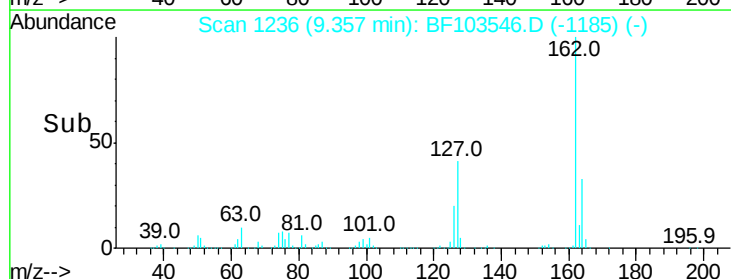


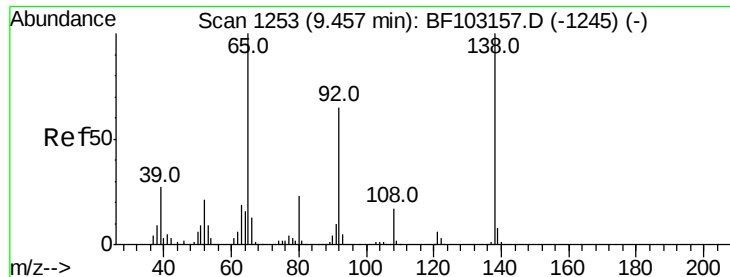
#46
 2-Chloronaphthalene
 Concen: 37.519 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion:162 Resp: 558002
 Ion Ratio Lower Upper
 162 100
 127 40.6 33.9 50.9
 164 33.2 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

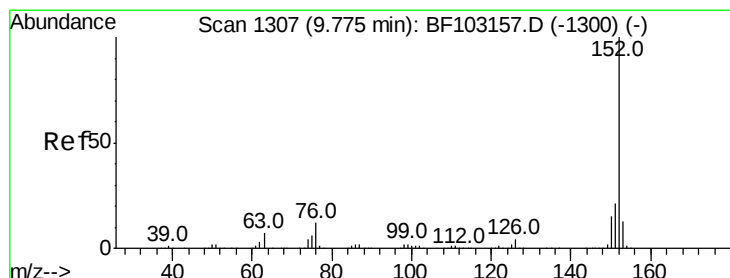
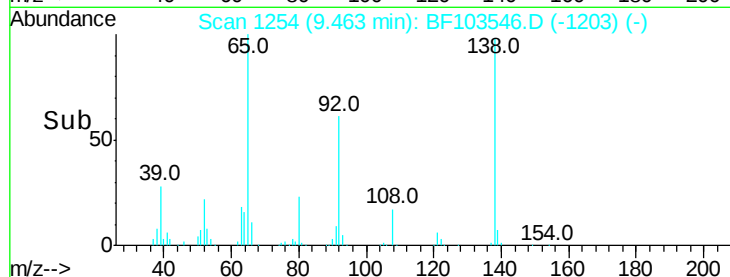
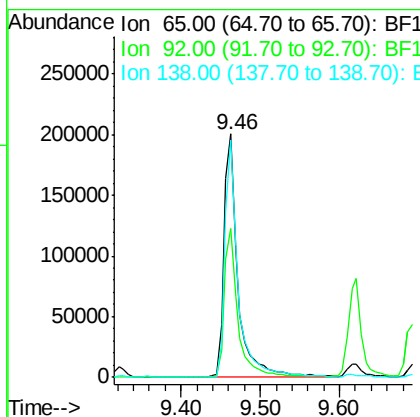
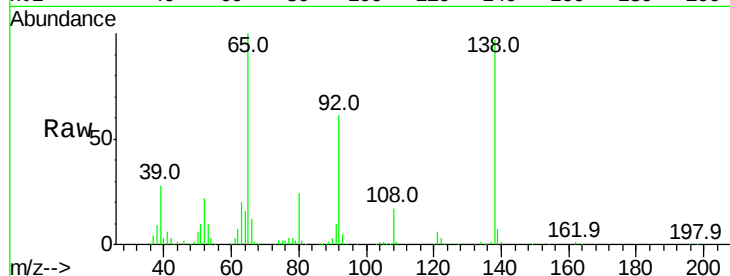




#47
2-Nitroaniline
Concen: 44.506 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

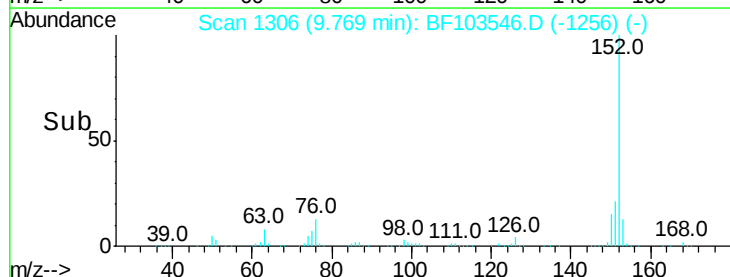
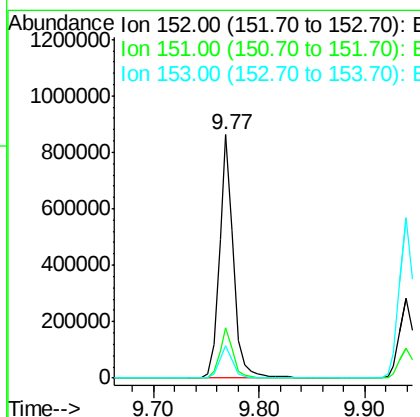
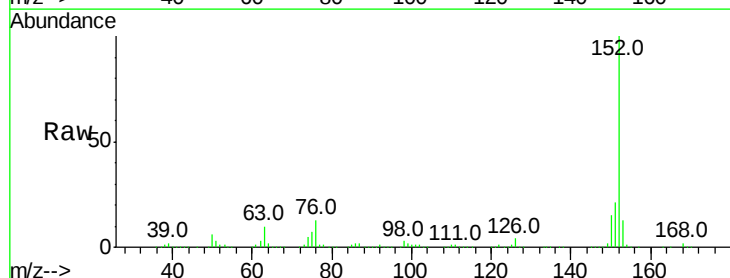
Instrument :
BNA_F
ClientSampled :

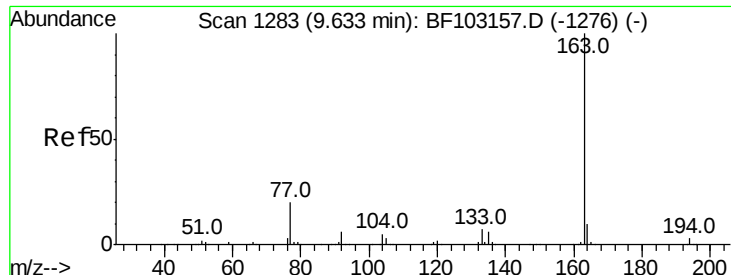
Tot Ion: 65 Resp: 245183
Ion Ratio Lower Upper
65 100
92 61.1 55.8 83.6
138 97.3 91.2 136.8



#48
Acenaphthylene
Concen: 35.291 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion: 152 Resp: 807553
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.2 10.7 16.1

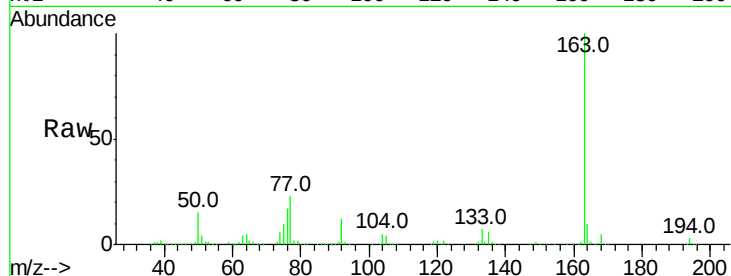




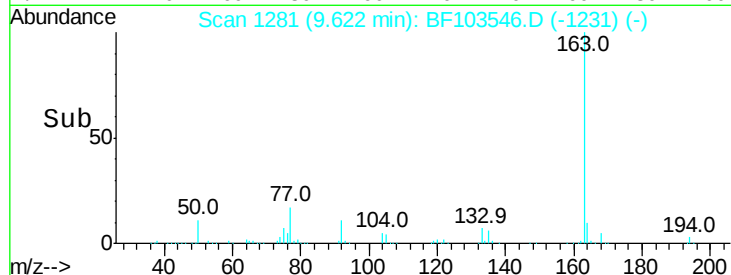
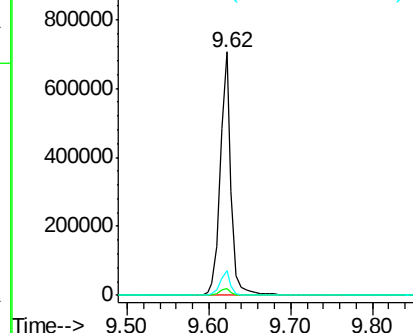
#49
Dimethylphthalate
Concen: 35.959 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 647160
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.0 8.2 12.2

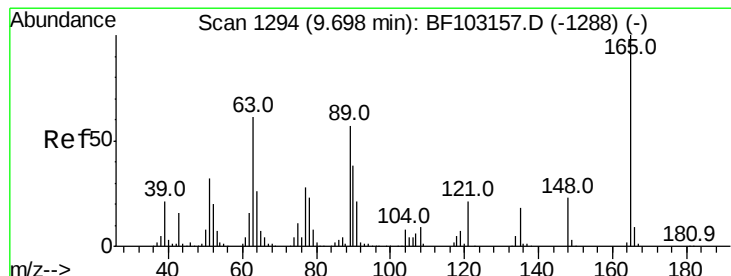


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

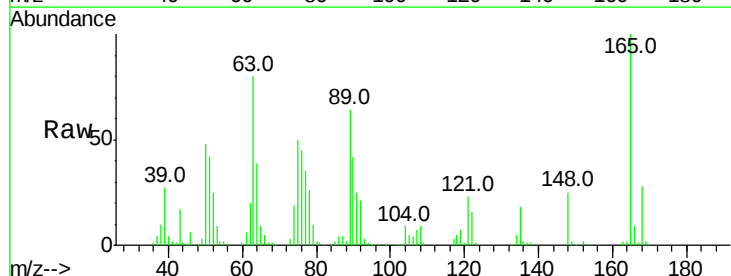
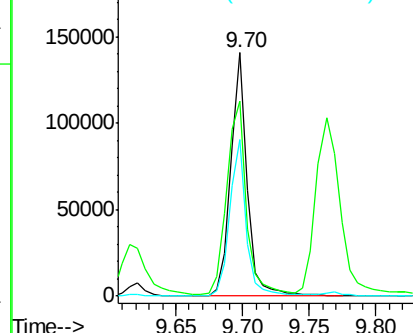


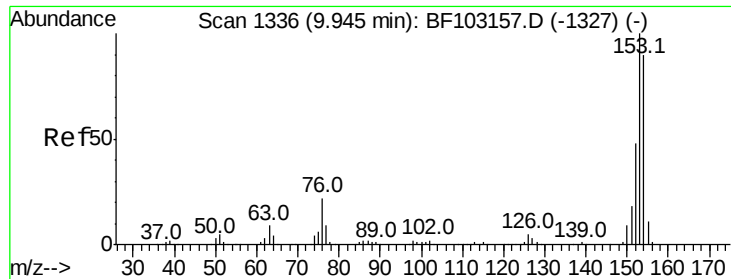
#50
2,6-Dinitrotoluene
Concen: 32.844 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion:165 Resp: 124045
Ion Ratio Lower Upper
165 100
63 79.9 44.7 67.1#
89 64.1 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: 34.910 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

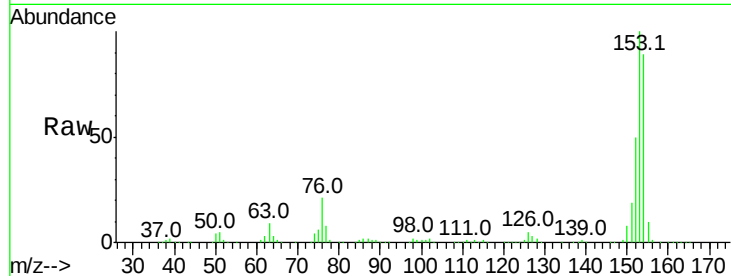
Tot Ion:154 Resp: 465808

Ion Ratio Lower Upper

154 100

153 111.8 91.2 136.8

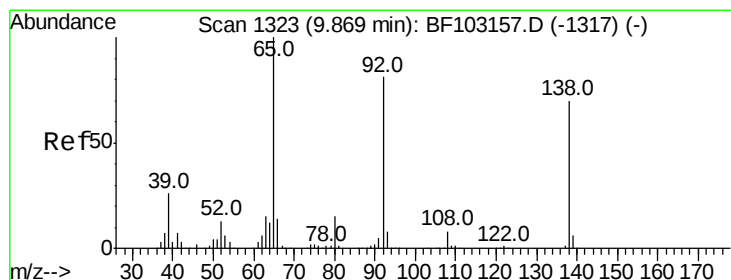
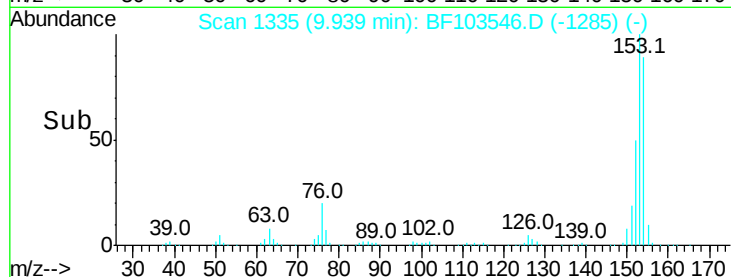
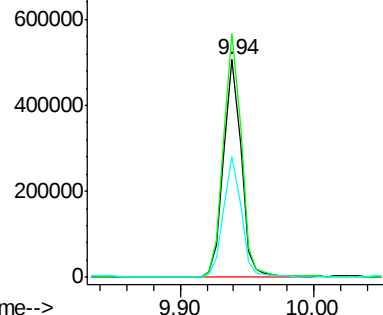
152 55.6 43.8 65.8



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: 24.523 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

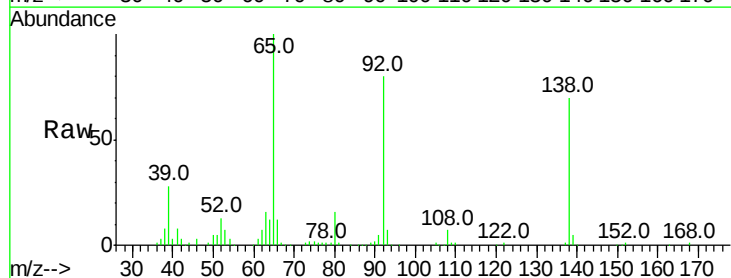
Tgt Ion:138 Resp: 117506

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

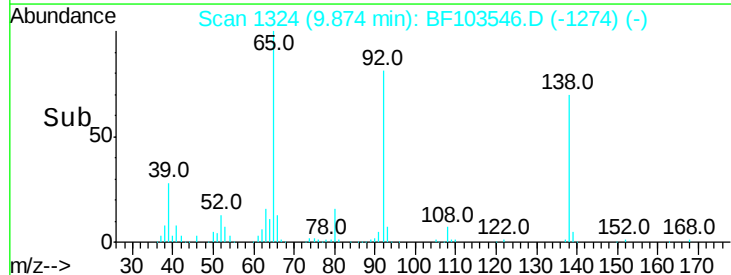
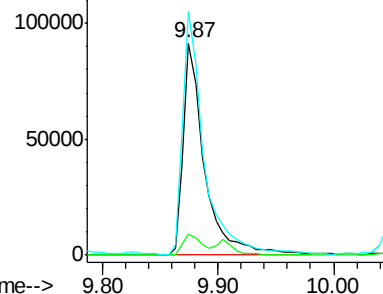
92 114.8 89.4 134.2

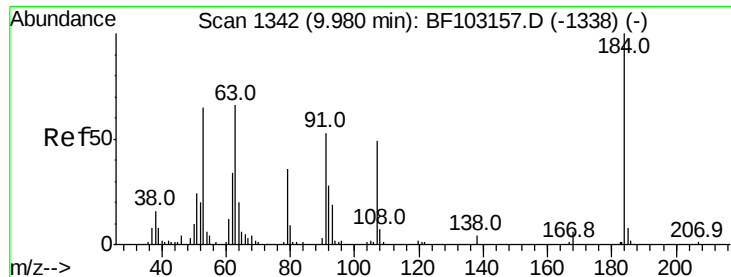


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

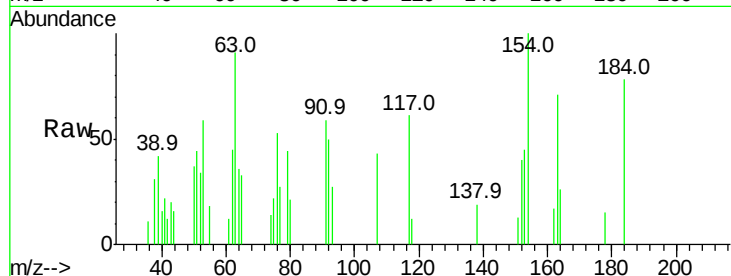




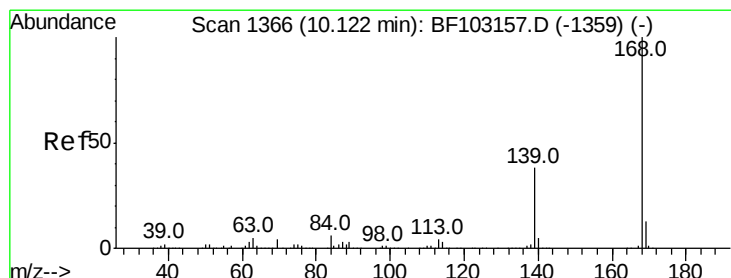
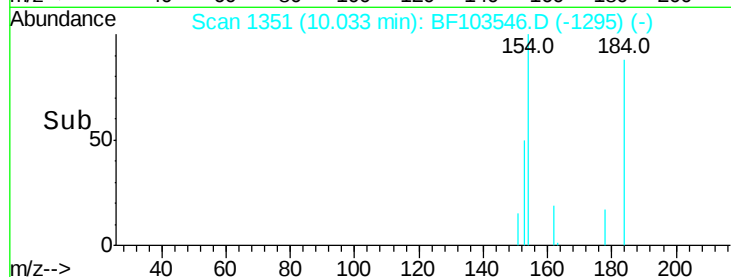
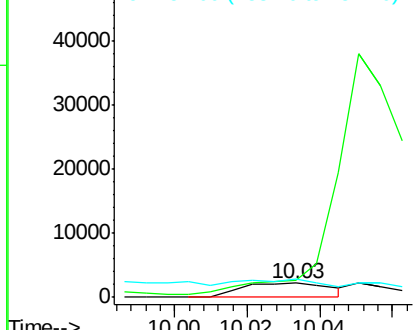
#53
 2,4-Dinitrophenol
 Concen: 12.045 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.03 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 3758
 Ion Ratio Lower Upper
 184 100
 63 116.9 54.2 81.2#
 154 127.8 184.0 276.0#

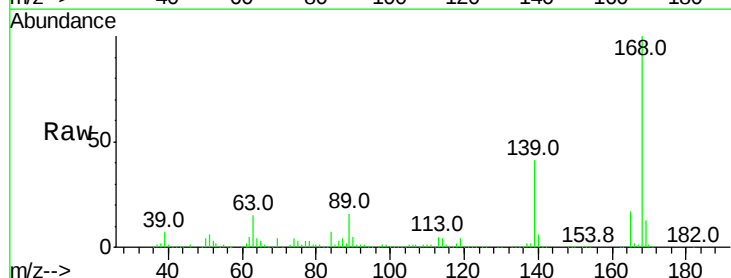


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

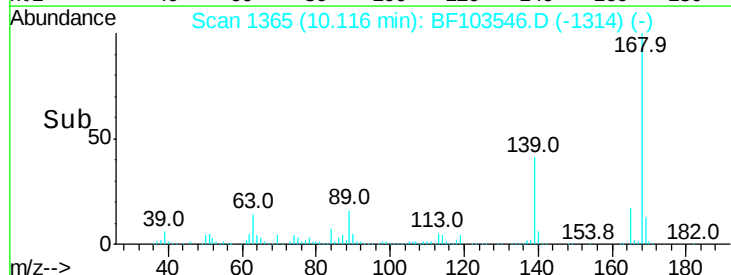
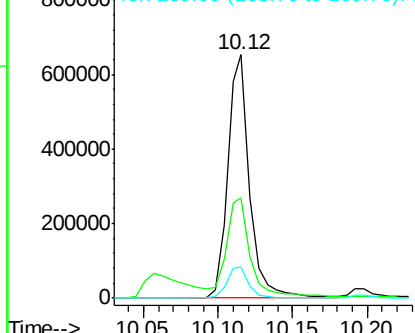


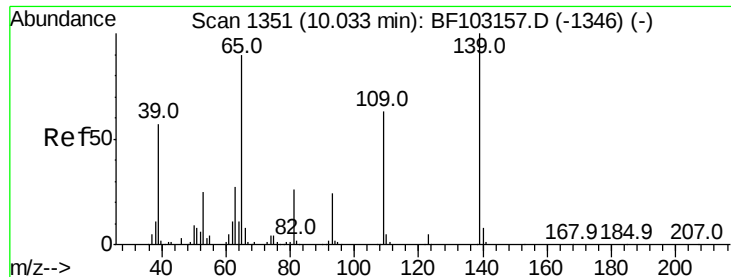
#54
 Dibenzofuran
 Concen: 36.889 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion:168 Resp: 675686
 Ion Ratio Lower Upper
 168 100
 139 41.3 30.1 45.1
 169 12.9 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

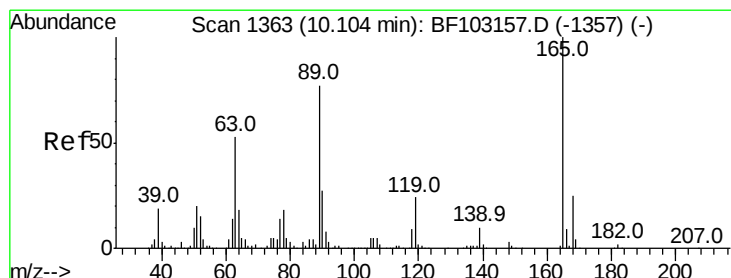
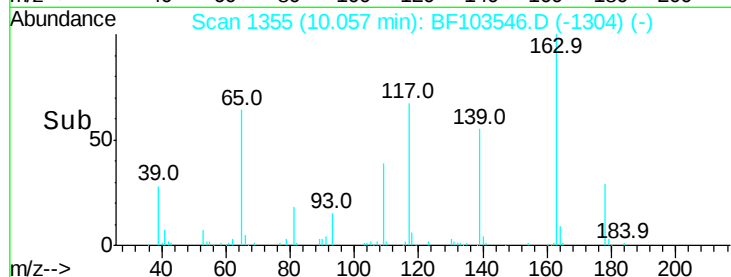
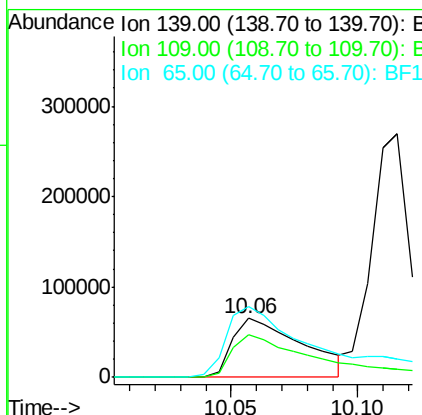
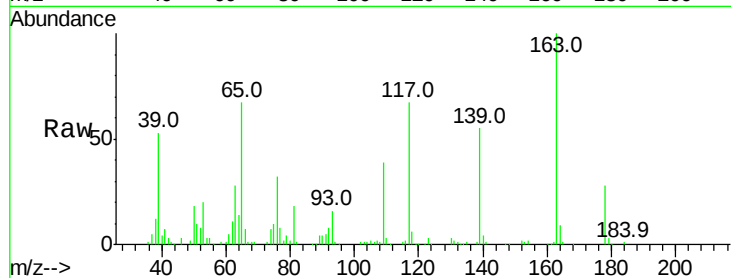




#55
4-Nitrophenol
Concen: 41.956 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

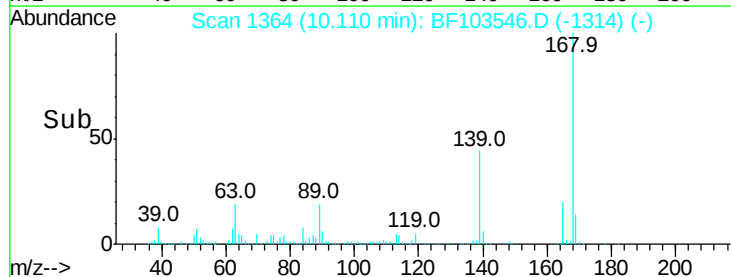
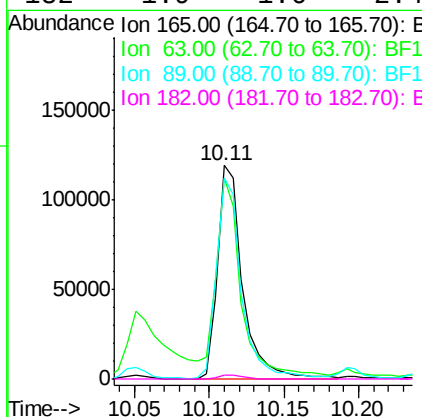
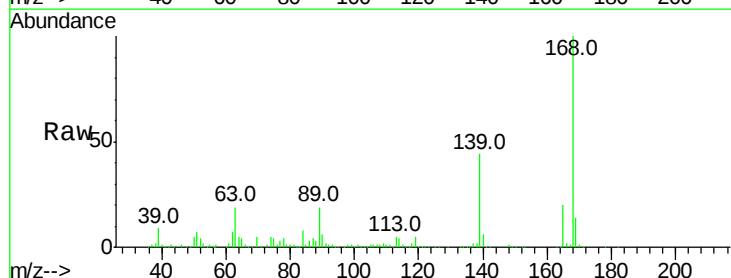
Instrument :
BNA_F
ClientSampleId :

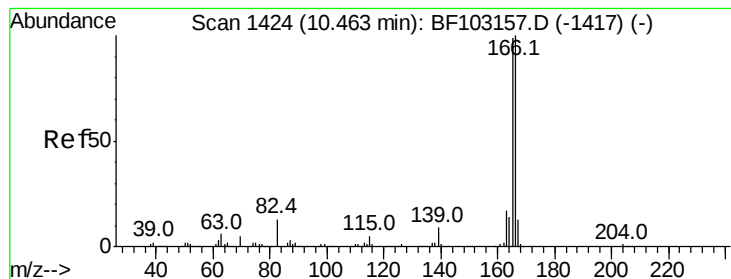
Tot Ion:139 Resp: 124598
Ion Ratio Lower Upper
139 100
109 71.7 48.4 88.4
65 121.4 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 29.479 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion:165 Resp: 140807
Ion Ratio Lower Upper
165 100
63 94.1 36.4 54.6#
89 93.8 57.8 86.6#
182 1.9 1.6 2.4





#57

Fluorene

Concen: 33.817 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

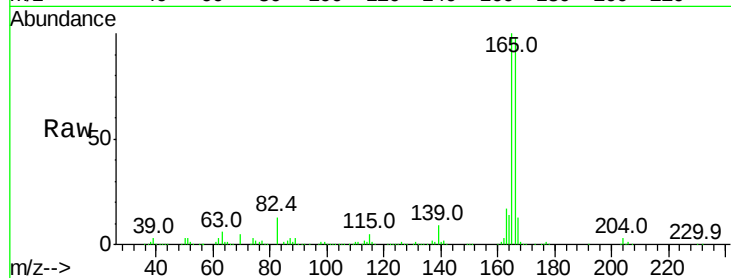
Tot Ion:166 Resp: 527668

Ion Ratio Lower Upper

166 100

165 101.8 79.8 119.8

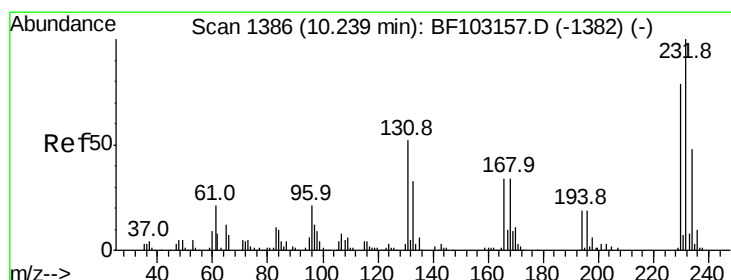
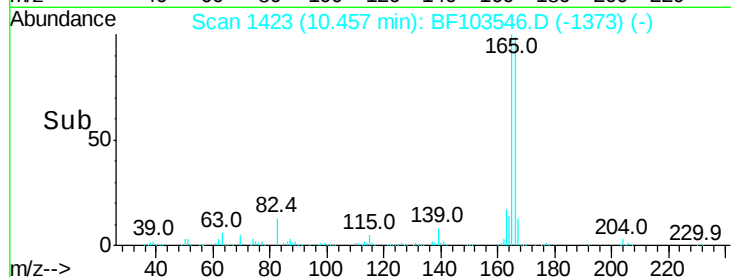
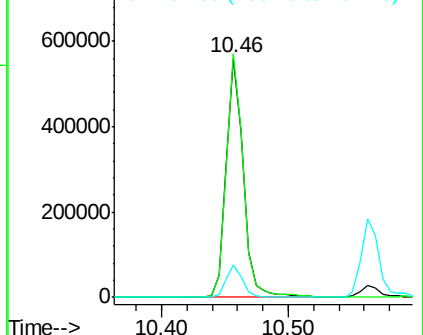
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.451 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Tgt Ion:232 Resp: 106657

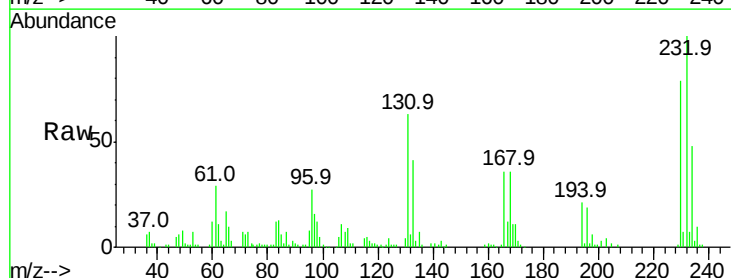
Ion Ratio Lower Upper

232 100

131 60.8 43.8 65.8

130 3.4 2.1 3.1#

166 36.1 27.8 41.6

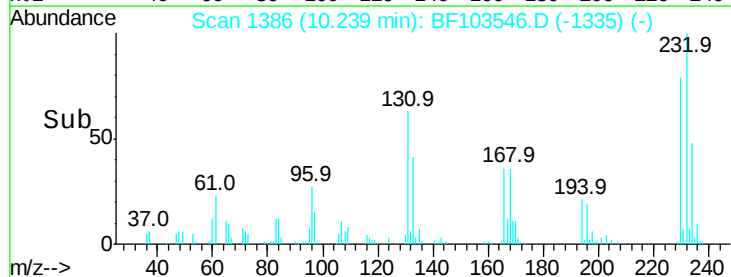
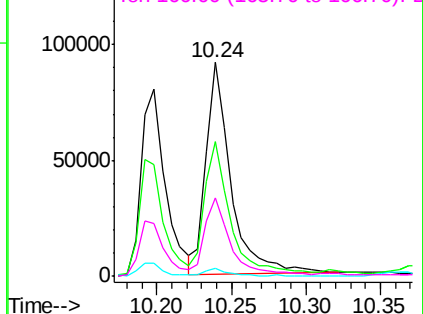


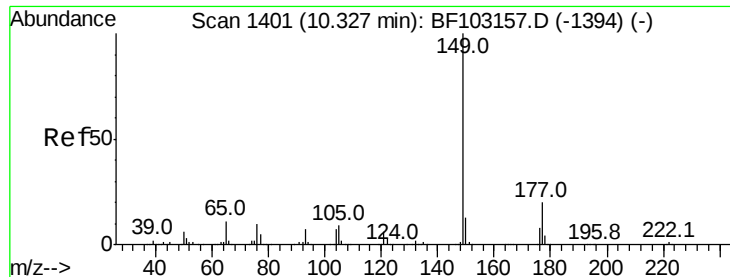
Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.816 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampled :

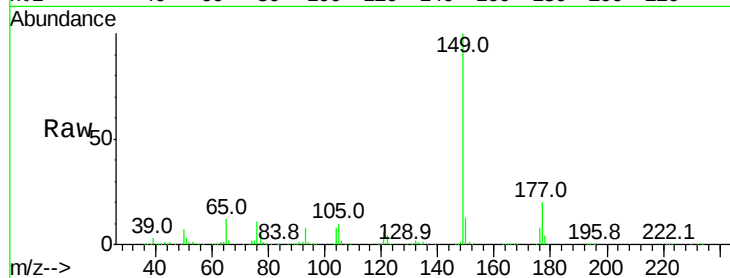
Tot Ion:149 Resp: 633714

Ion Ratio Lower Upper

149 100

177 19.8 16.1 24.1

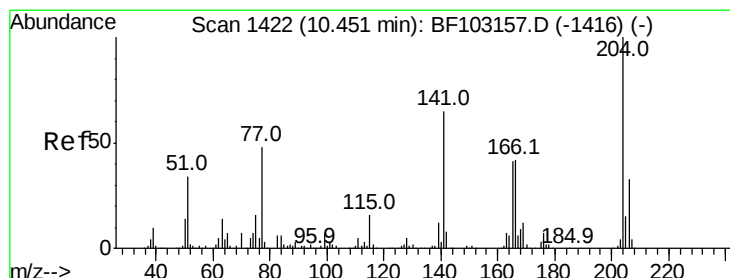
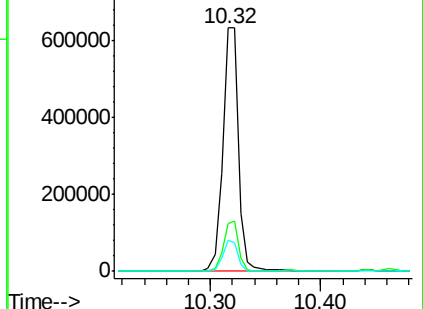
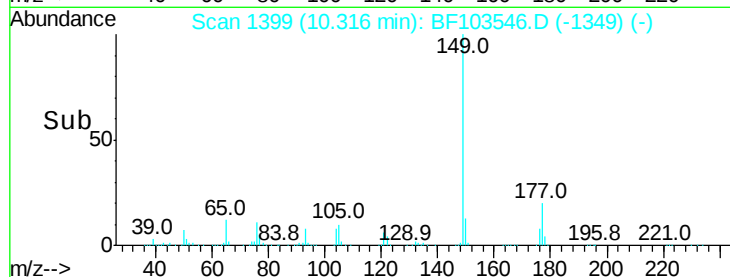
150 12.9 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.405 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

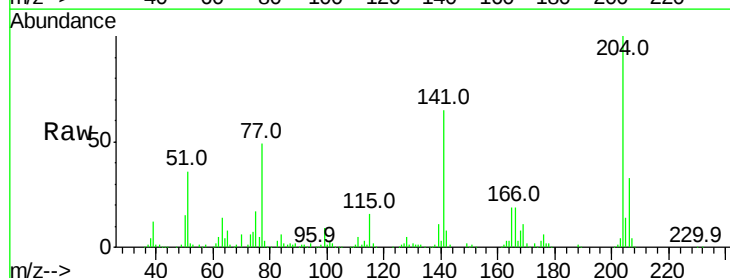
Tgt Ion:204 Resp: 240884

Ion Ratio Lower Upper

204 100

206 32.9 26.5 39.7

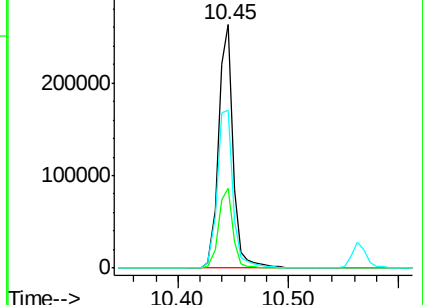
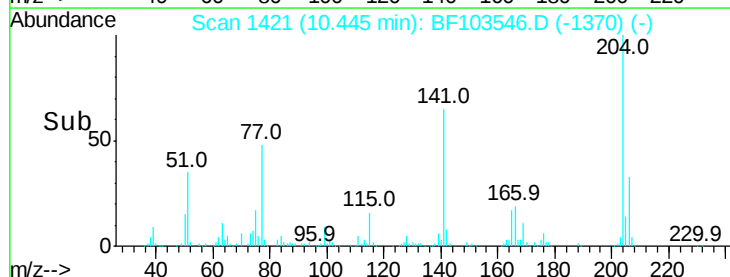
141 64.6 54.6 81.8

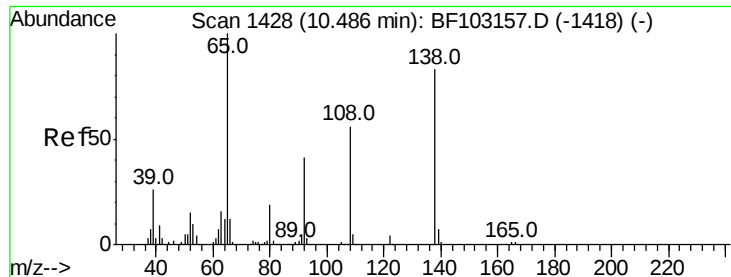


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

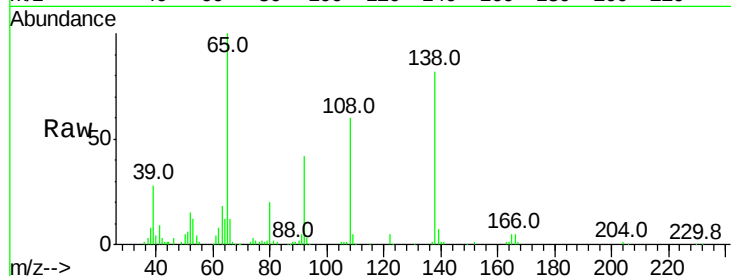




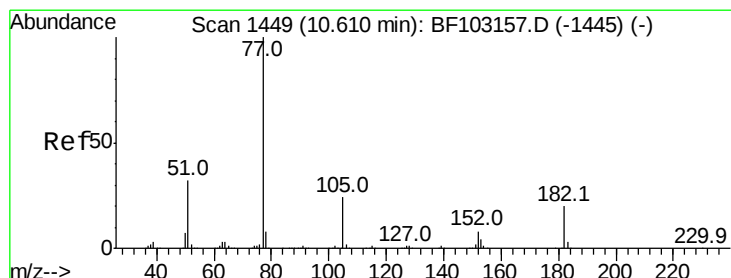
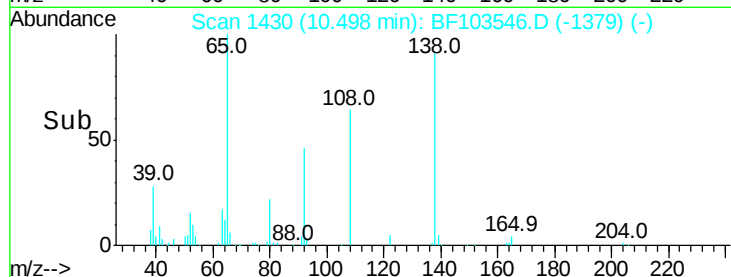
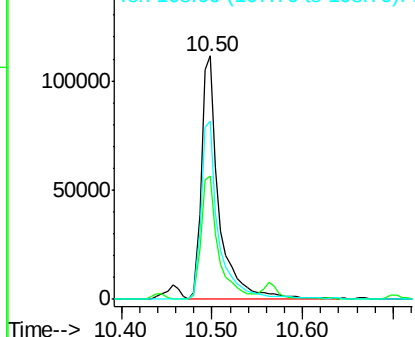
#61
4-Nitroaniline
Concen: 31.637 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 151416
Ion Ratio Lower Upper
138 100
92 50.8 30.2 70.2
108 73.5 52.5 92.5

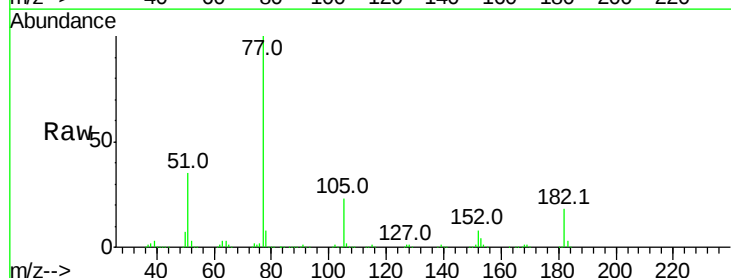


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

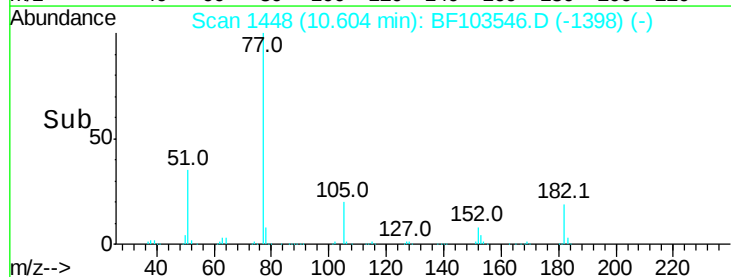
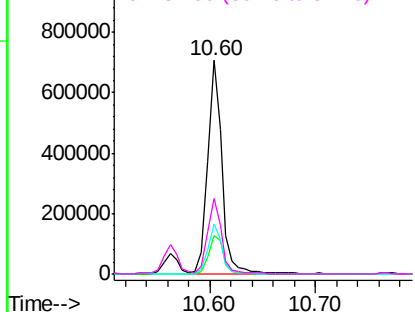


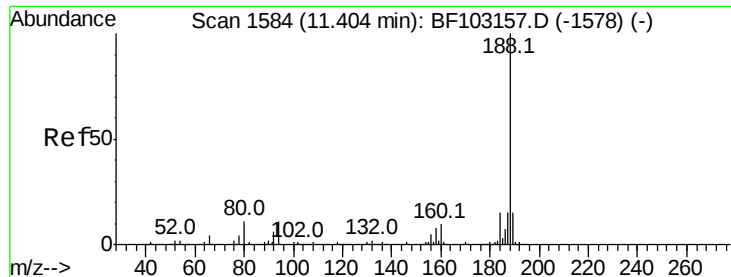
#62
Azobenzene
Concen: 37.715 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion: 77 Resp: 660793
Ion Ratio Lower Upper
77 100
182 18.3 1.7 41.7
105 23.2 3.0 43.0
51 35.2 9.9 49.9



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

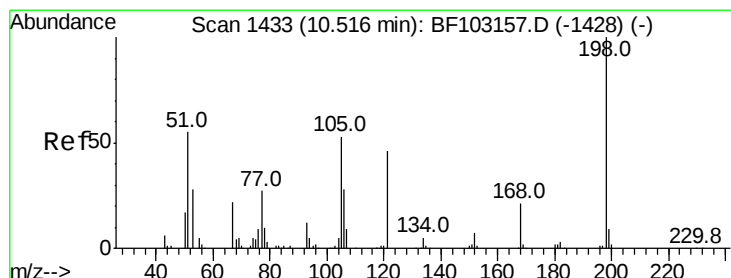
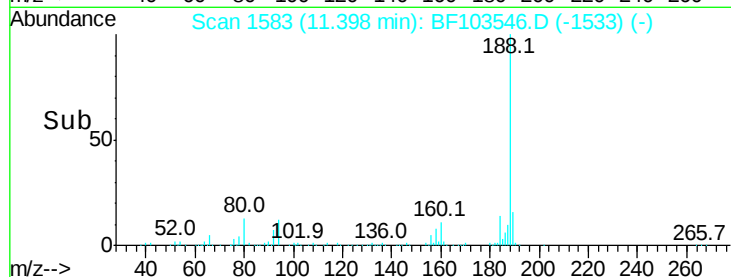
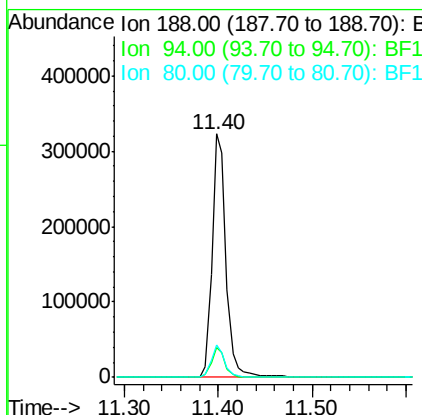
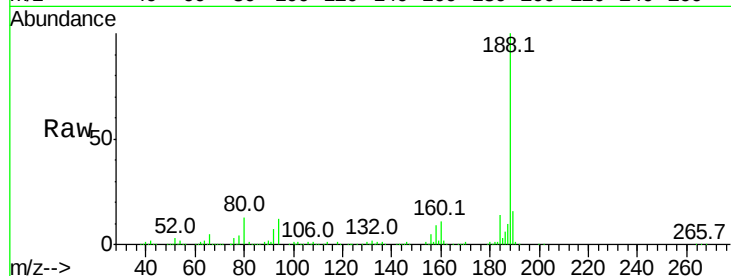




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

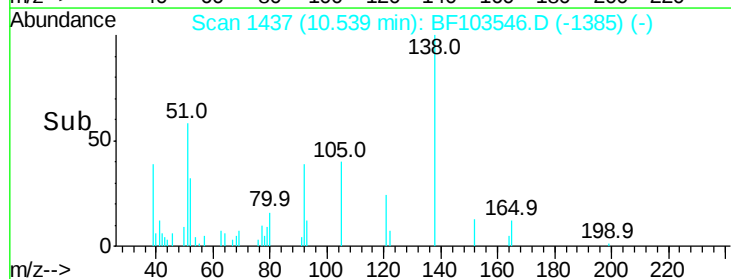
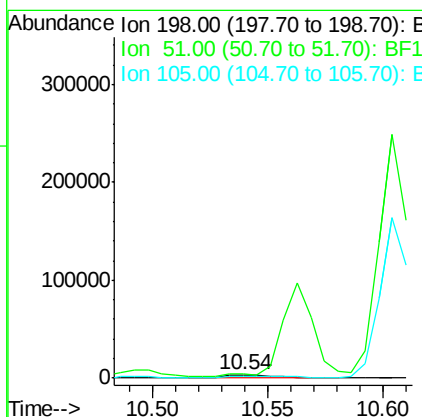
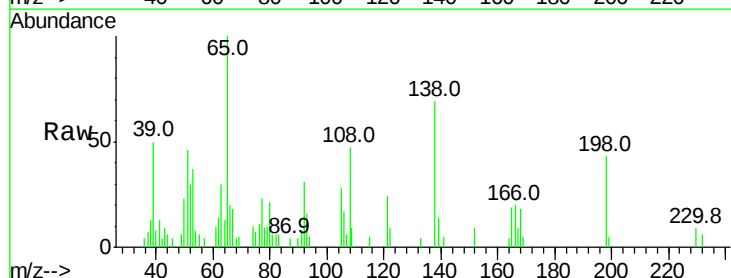
Instrument :
BNA_F
ClientSampleId :

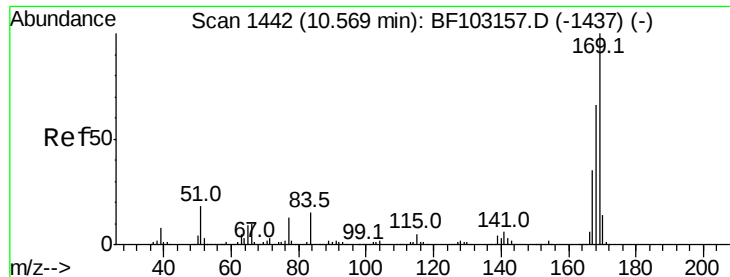
Tot Ion:188 Resp: 341555
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 13.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.461 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion:198 Resp: 5828
Ion Ratio Lower Upper
198 100
51 106.8 37.7 77.7#
105 64.5 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 39.585 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

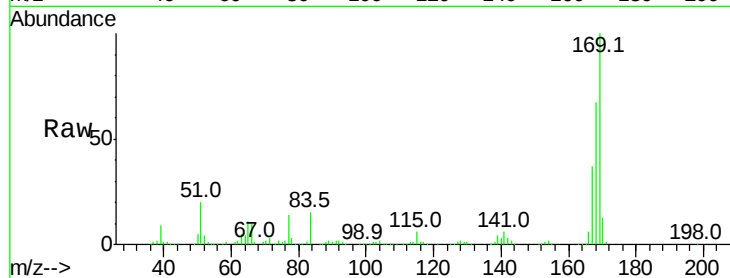
Tot Ion:169 Resp: 470766

Ion Ratio Lower Upper

169 100

168 66.9 54.4 81.6

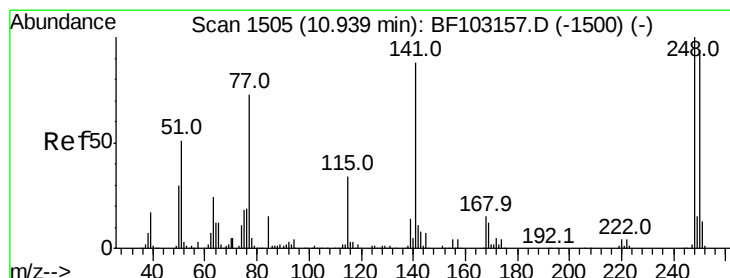
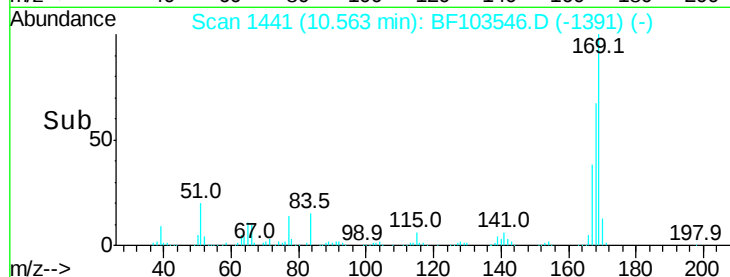
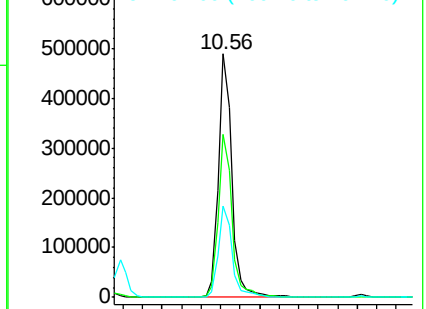
167 37.5 29.8 44.6



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: 37.032 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

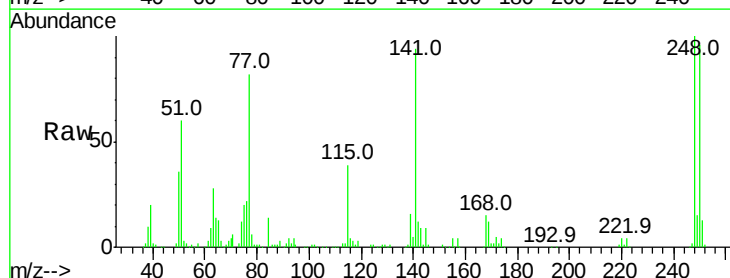
Tgt Ion:248 Resp: 131761

Ion Ratio Lower Upper

248 100

250 95.6 76.9 115.3

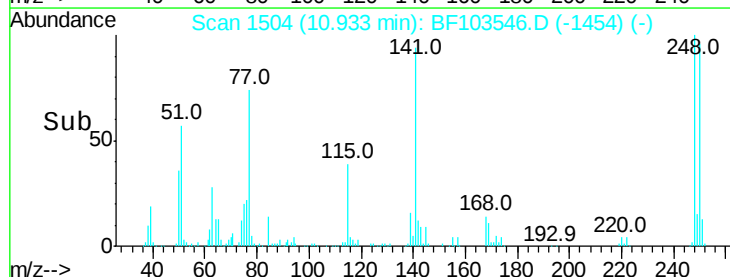
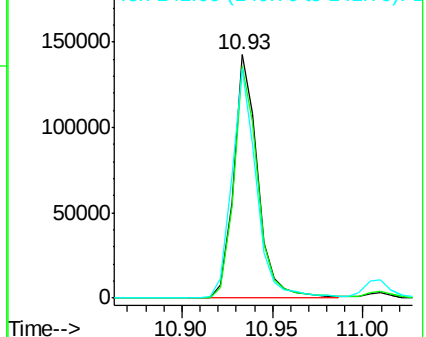
141 94.3 74.4 111.6

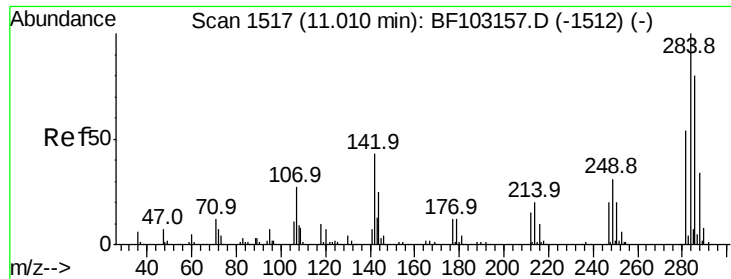


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

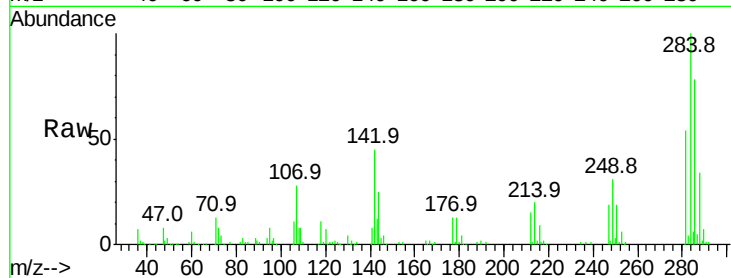




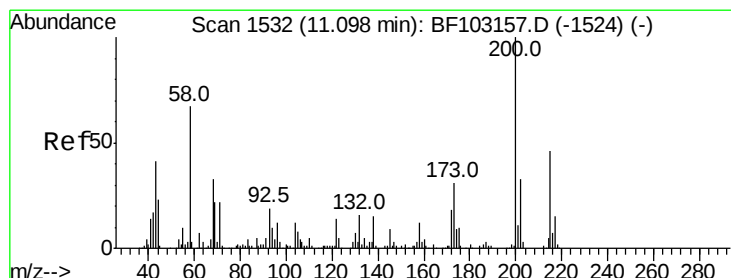
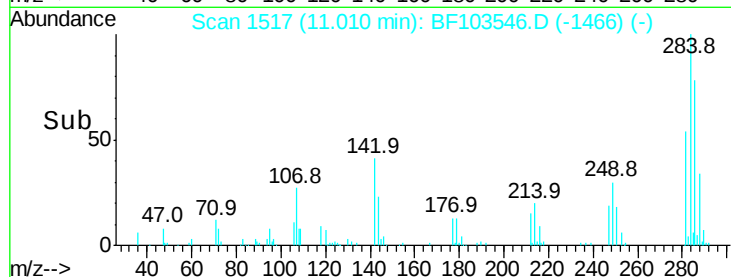
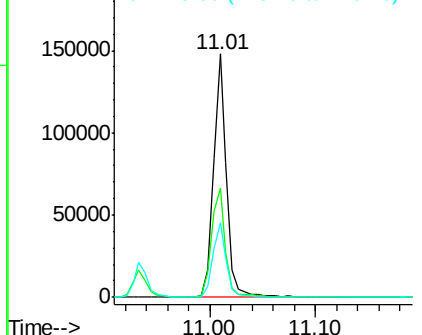
#67
Hexachlorobenzene
Concen: 33.516 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	44.6	34.6	52.0
249	30.6	24.8	37.2

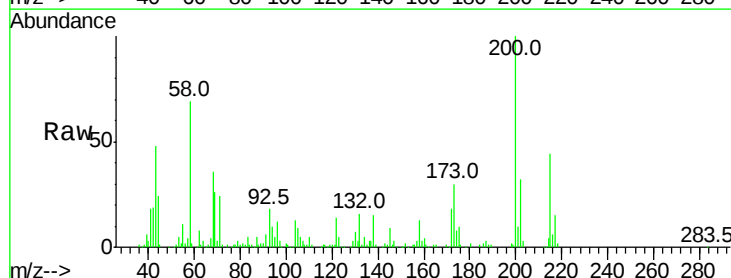


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

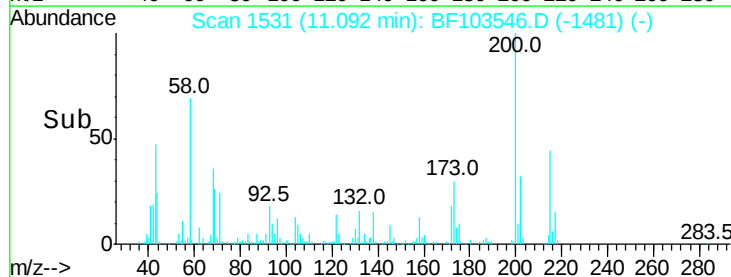
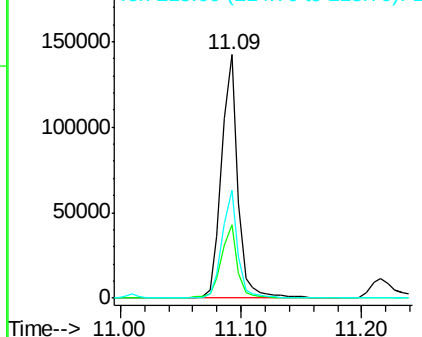


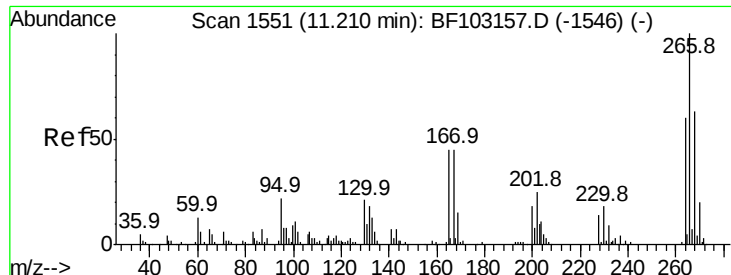
#68
Atrazine
Concen: 37.170 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.4	8.6	48.6
215	44.2	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

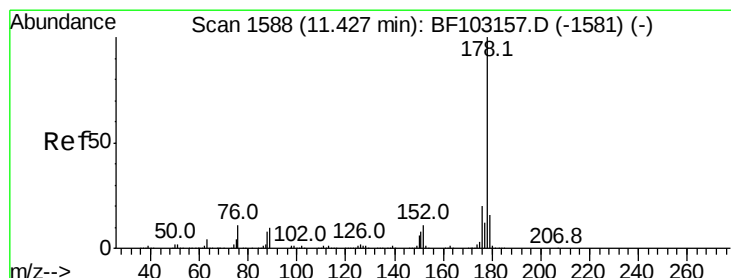
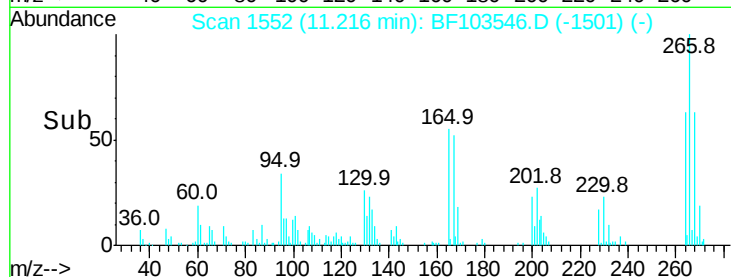
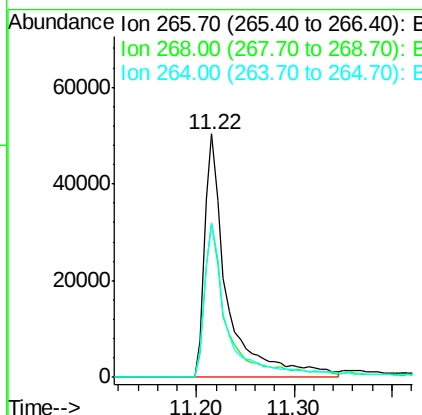
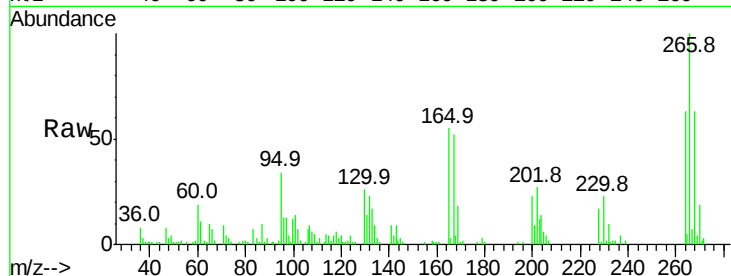




#69
 Pentachlorophenol
 Concen: 43.430 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

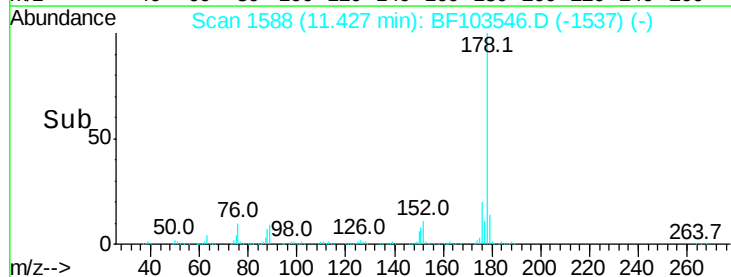
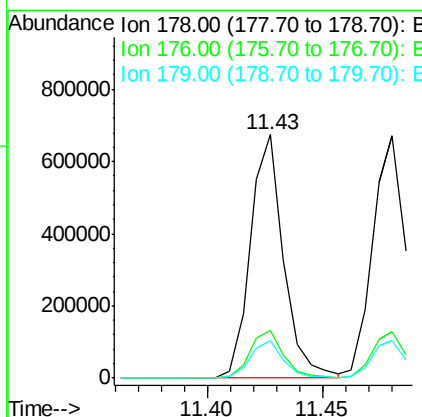
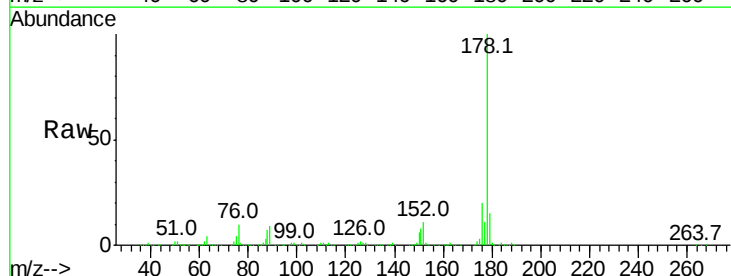
Instrument :
 BNA_F
 ClientSampleId :

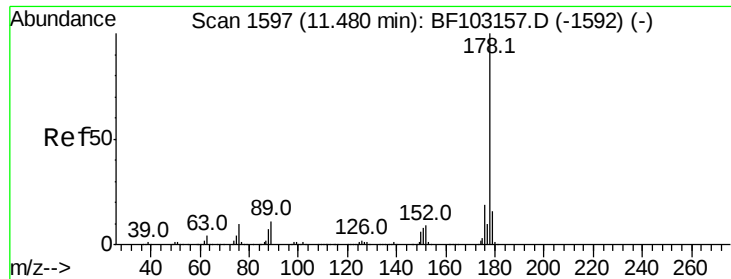
Tot Ion:266 Resp: 81095
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 63.1 49.5 74.3



#70
 Phenanthrene
 Concen: 35.983 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion:178 Resp: 676363
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.3 13.0 19.6

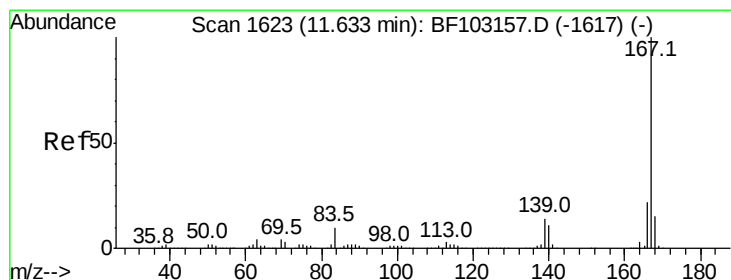
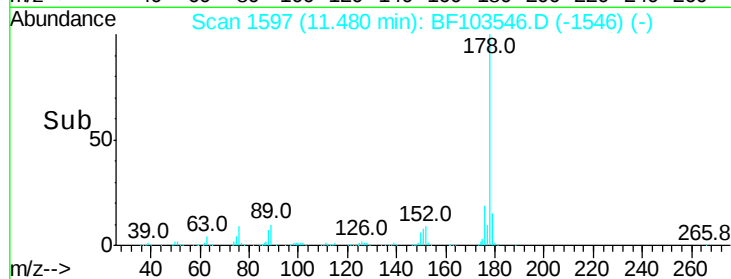
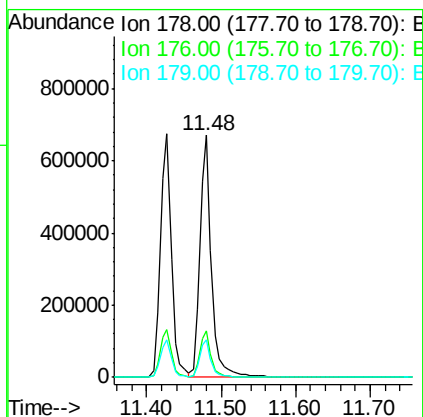
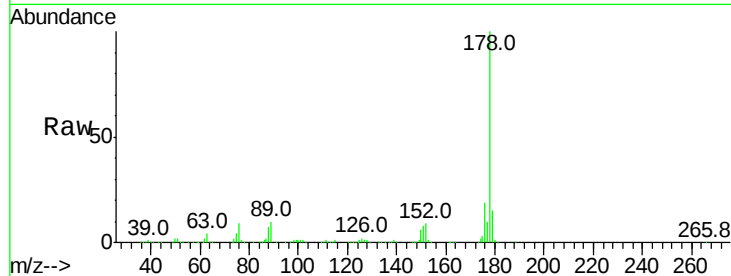




#71
 Anthracene
 Concen: 37.798 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

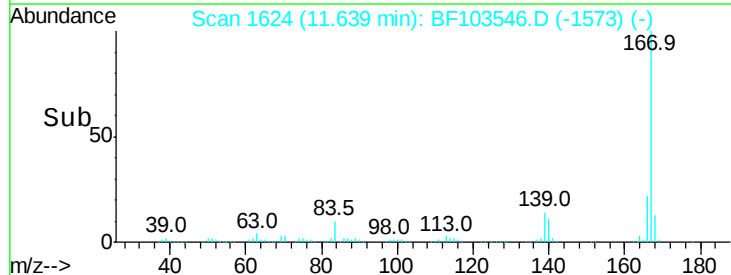
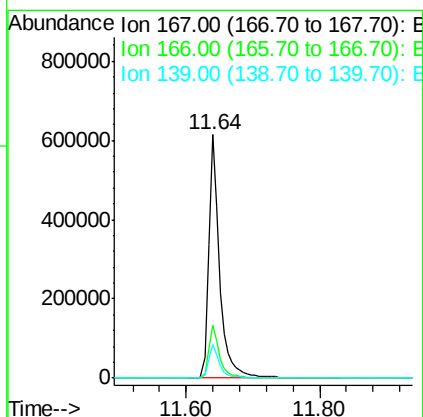
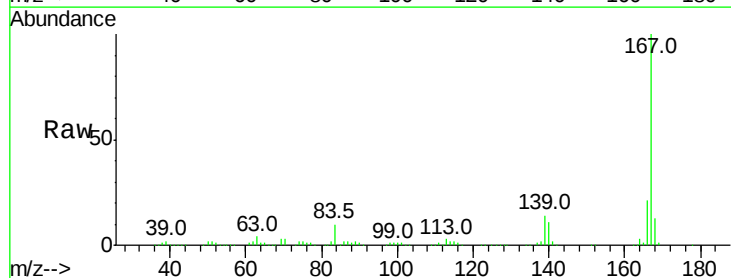
Instrument :
 BNA_F
 ClientSampleId :

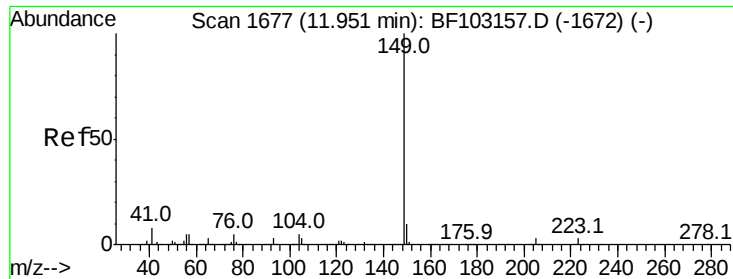
Tot Ion:178 Resp: 728549
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 36.814 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion:167 Resp: 706631
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 13.6 10.9 16.3

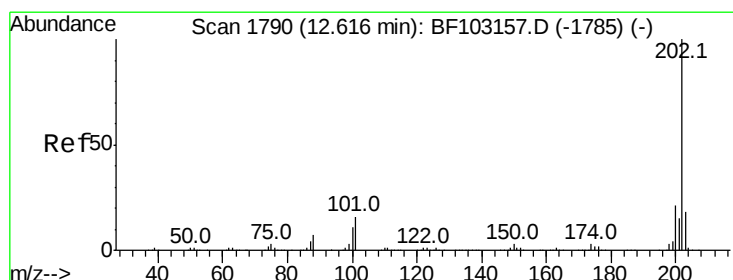
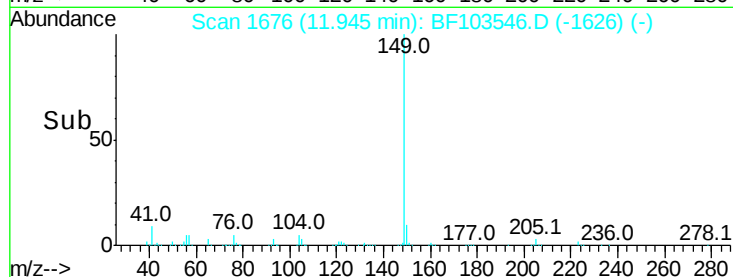
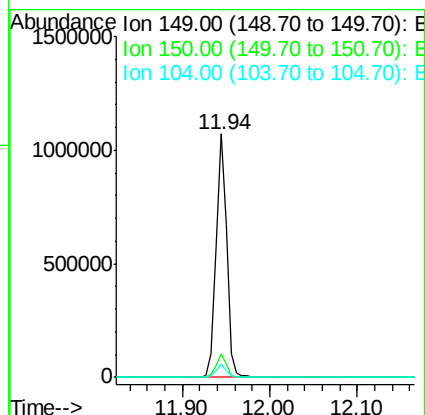
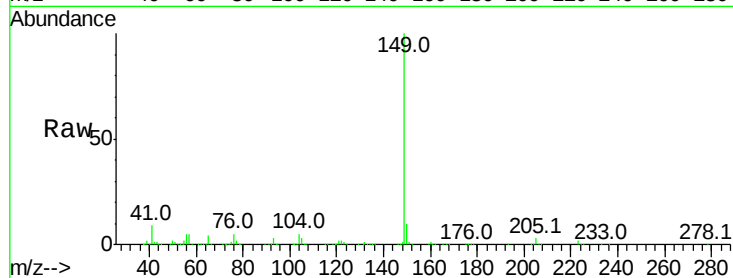




#73
Di-n-butylphthalate
Concen: 38.204 ng
RT: 11.94 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

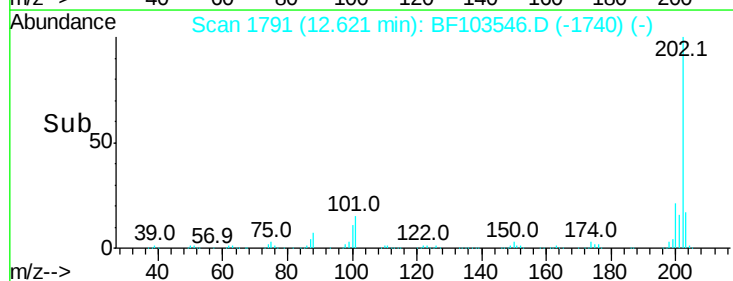
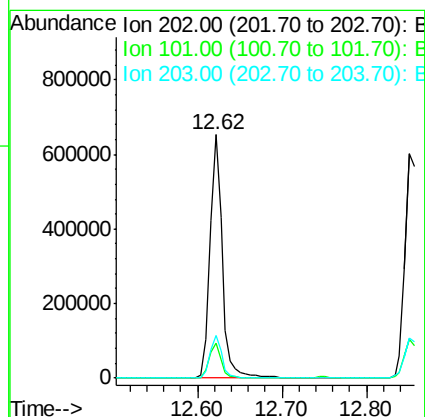
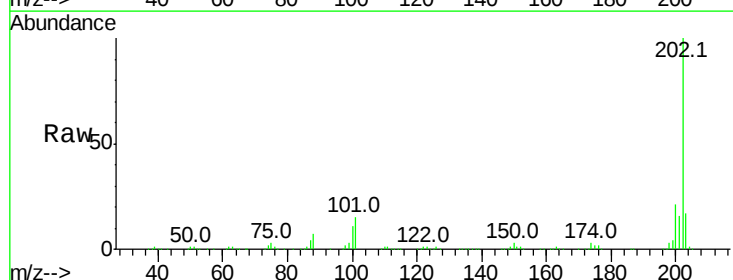
Instrument :
BNA_F
ClientSampleId :

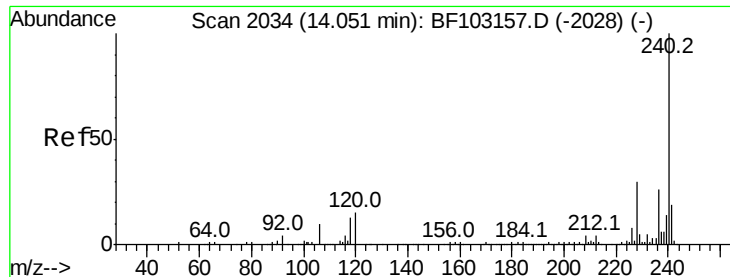
Tot Ion:149 Resp: 917587
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 5.3 3.8 5.8



#74
Fluoranthene
Concen: 35.263 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion:202 Resp: 666082
Ion Ratio Lower Upper
202 100
101 14.5 0.0 34.1
203 17.5 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: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

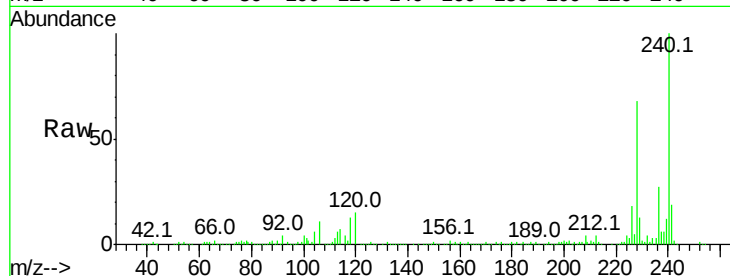
Tot Ion:240 Resp: 227820

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

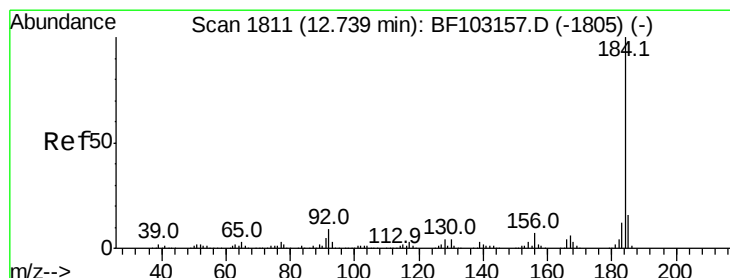
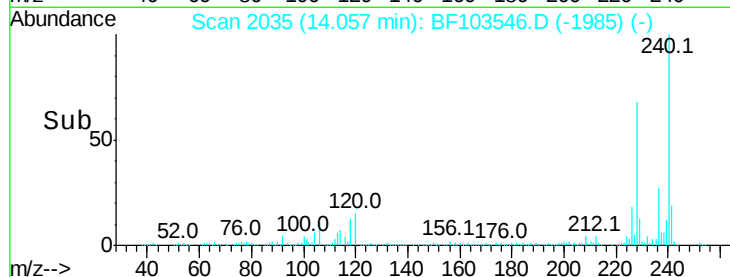
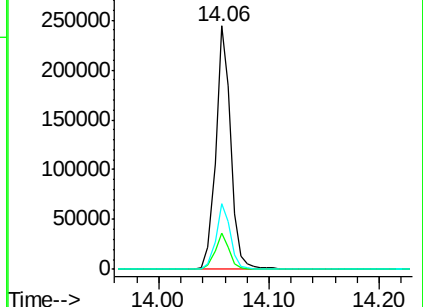
236 27.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 68.069 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

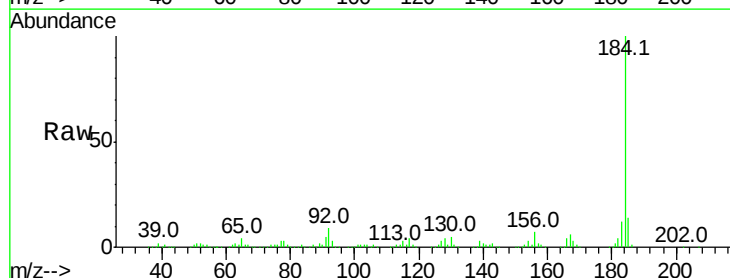
Tgt Ion:184 Resp: 579749

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

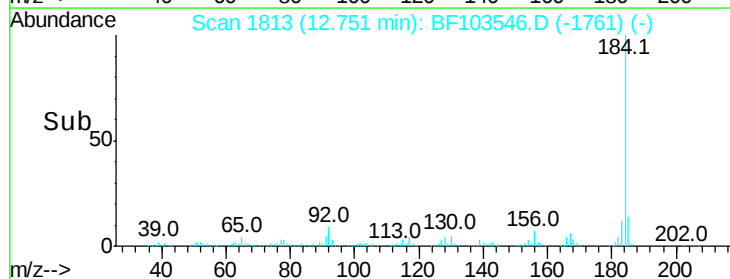
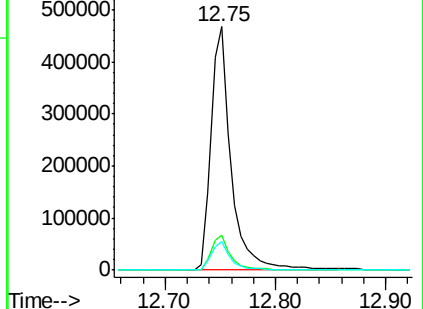
183 11.6 9.3 13.9

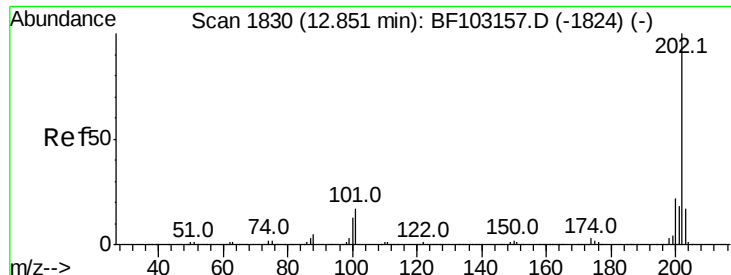


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

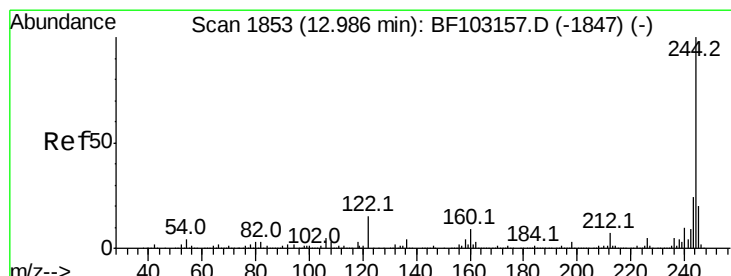
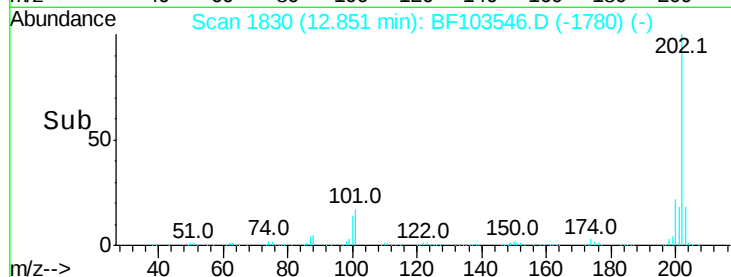
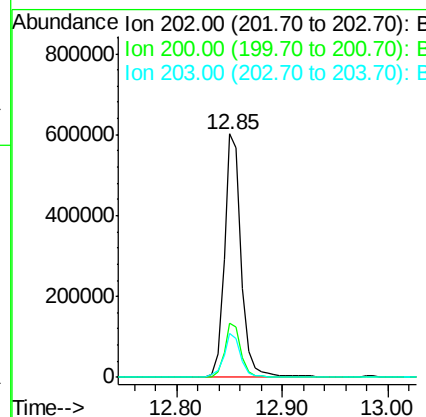
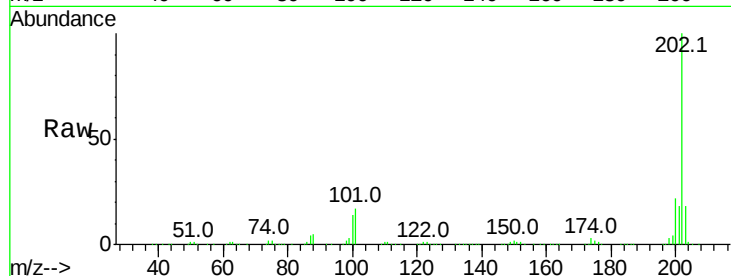




#77
Pvrene
Concen: 37.510 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

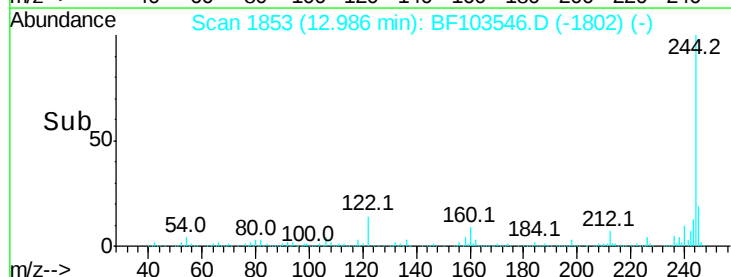
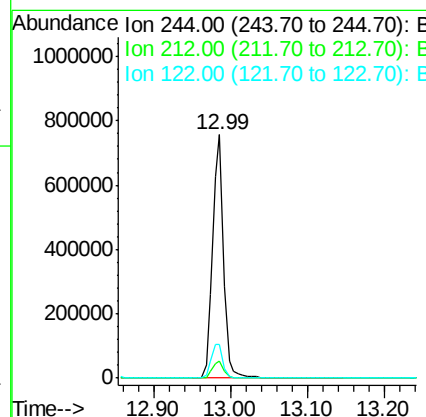
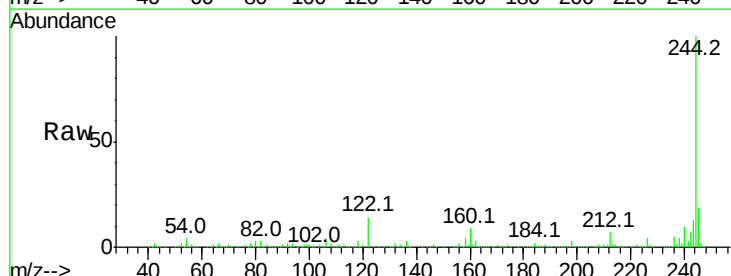
Instrument :
BNA_F
ClientSampleId :

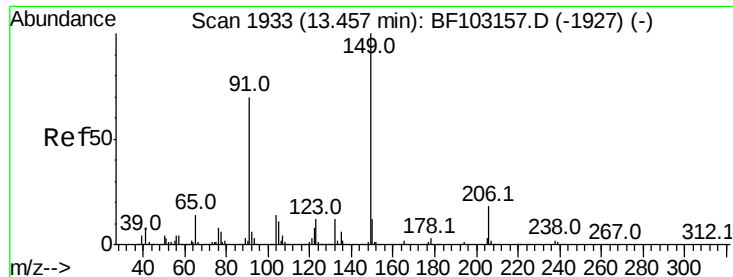
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.8	14.3	21.5



#78
Terphenyl-d14
Concen: 78.376 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.8	11.0	16.4

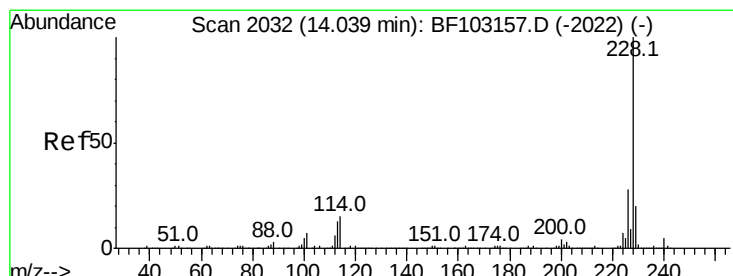
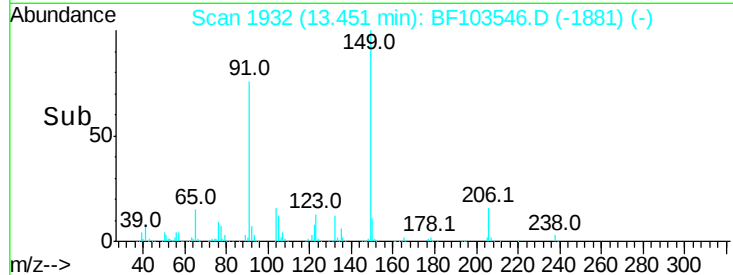
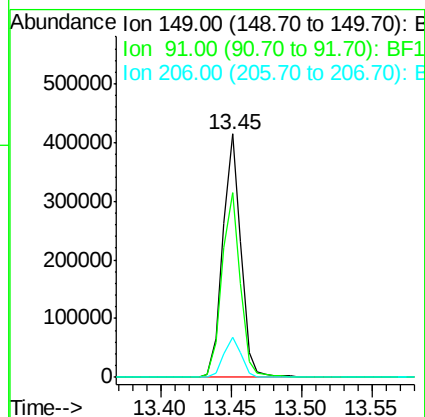
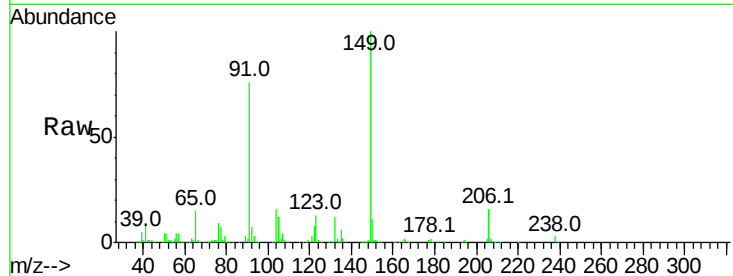




#79
Butylbenzylphthalate
Concen: 39.592 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

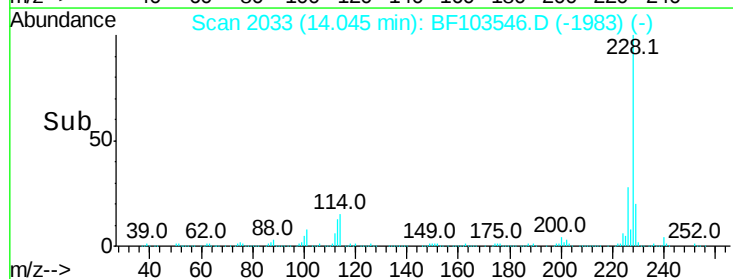
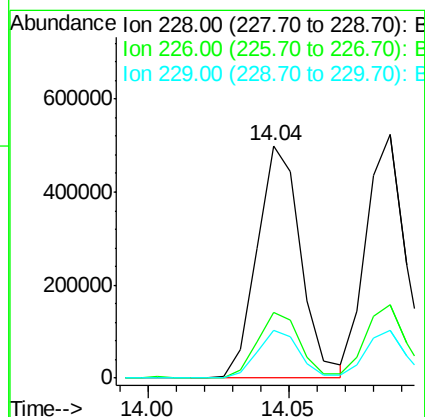
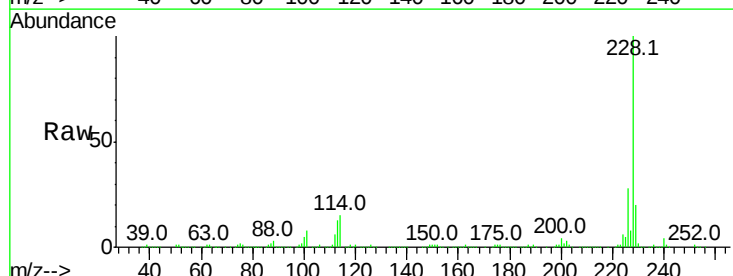
Instrument :
BNA_F
ClientSampled :

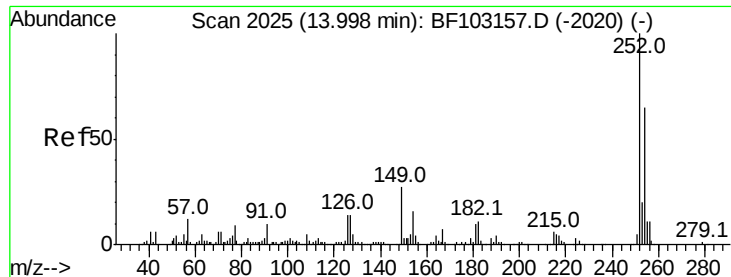
Tot Ion:149 Resp: 371550
Ion Ratio Lower Upper
149 100
91 75.8 56.8 85.2
206 16.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 36.273 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion:228 Resp: 536183
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.3 15.8 23.6

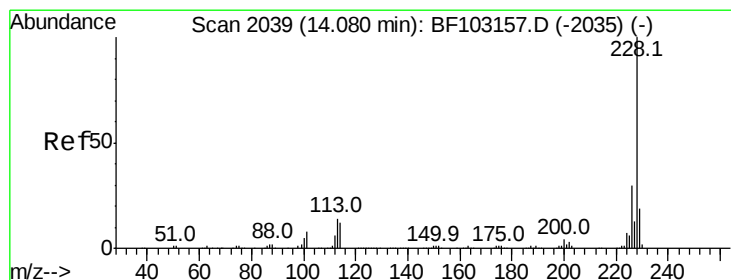
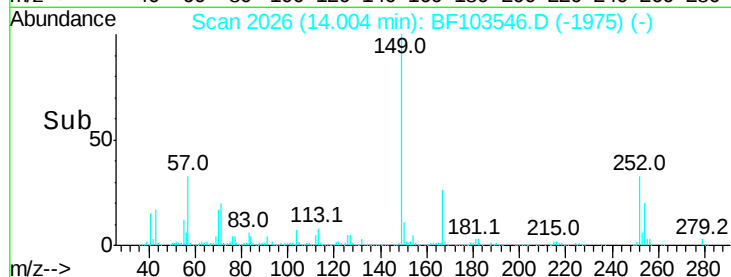
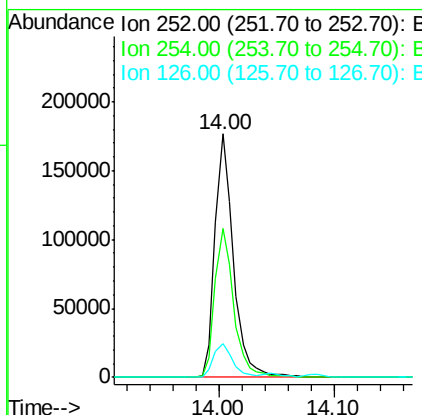
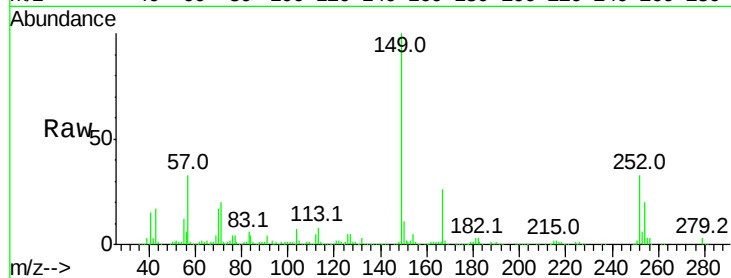




#81
 3,3'-Dichlorobenzidine
 Concen: 37.278 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

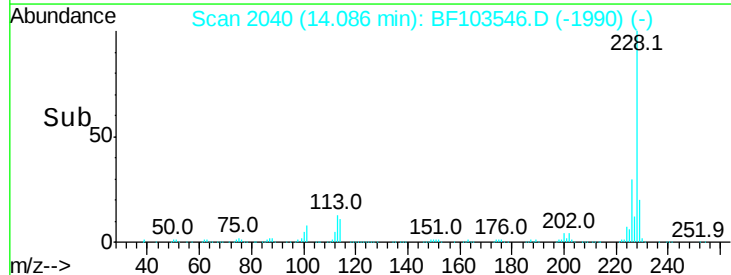
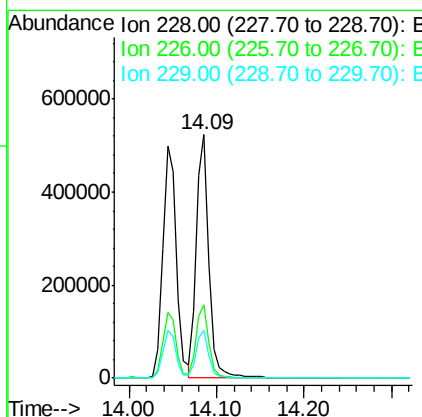
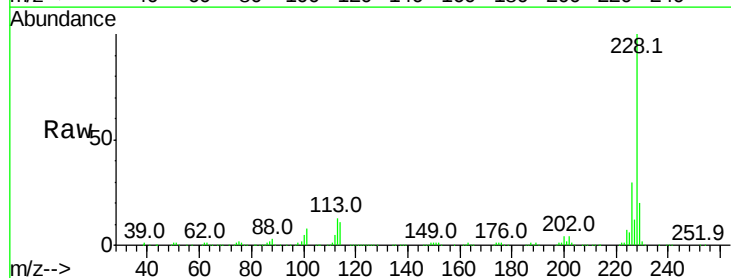
Instrument :
 BNA_F
 ClientSampled :

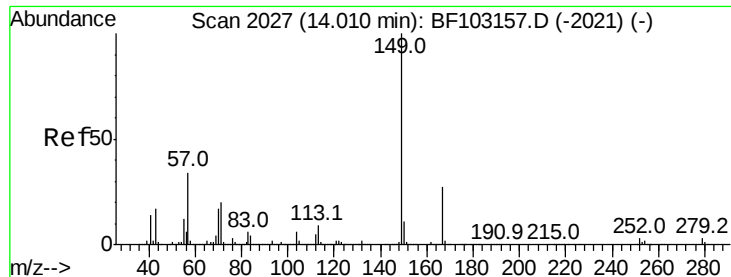
Tot Ion:252 Resp: 196652
 Ion Ratio Lower Upper
 252 100
 254 61.3 50.4 75.6
 126 14.0 11.3 16.9



#82
 Chrysene
 Concen: 36.562 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion:228 Resp: 524760
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.0 37.6
 229 19.8 16.2 24.4

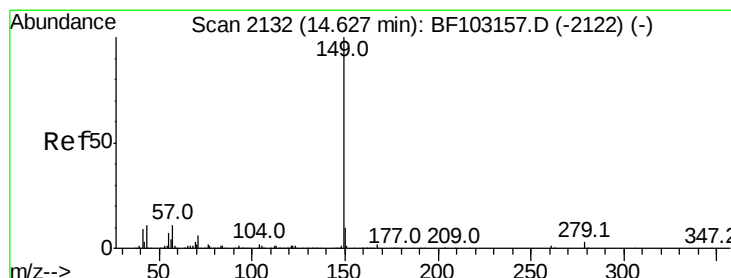
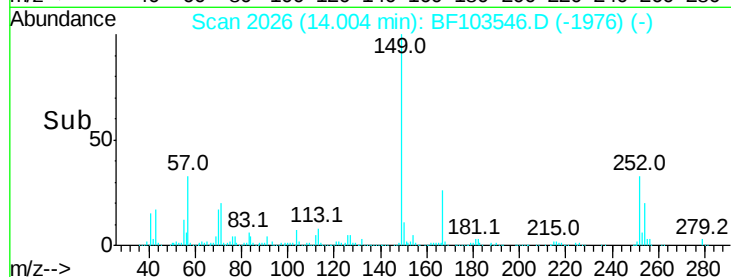
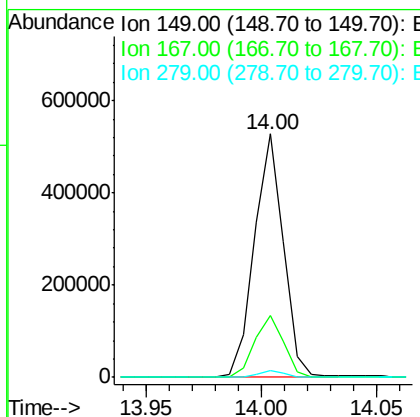
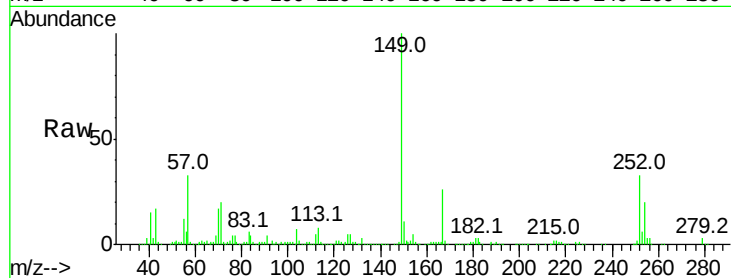




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.679 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

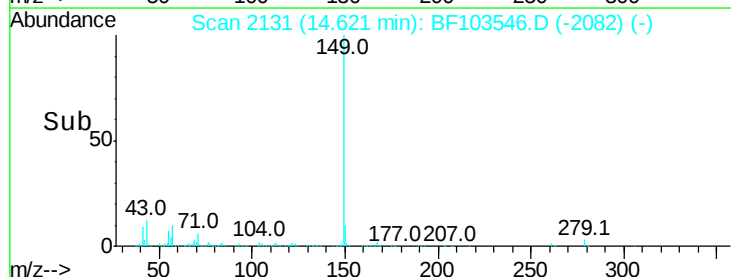
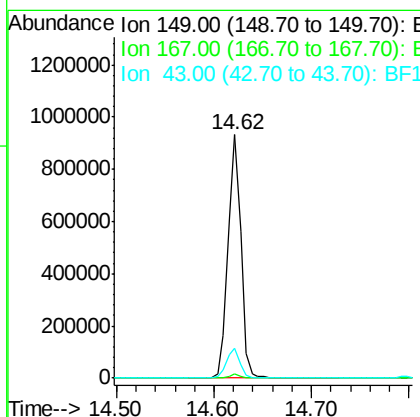
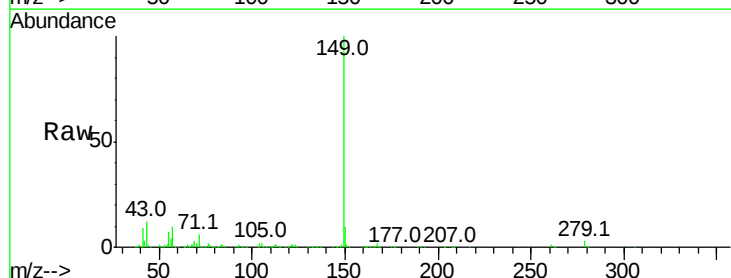
Instrument :
 BNA_F
 ClientSampleId :

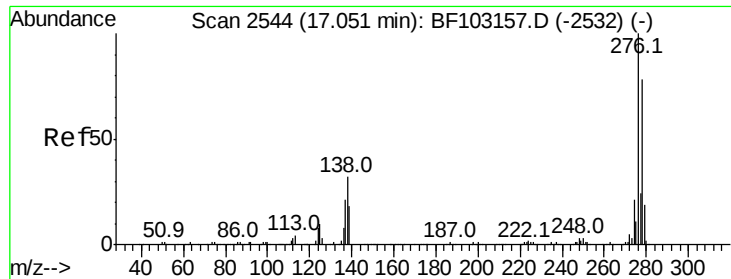
Tot Ion:149 Resp: 464509
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.3 31.9
 279 2.6 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 41.818 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion:149 Resp: 855641
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.2 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.465 ng

RT: 17.10 min Scan# 2553

Delta R.T. -0.02 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

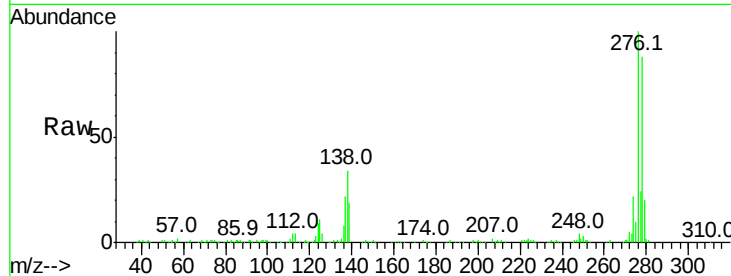
Tot Ion:276 Resp: 368887

Ion Ratio Lower Upper

276 100

138 34.5 25.0 37.6

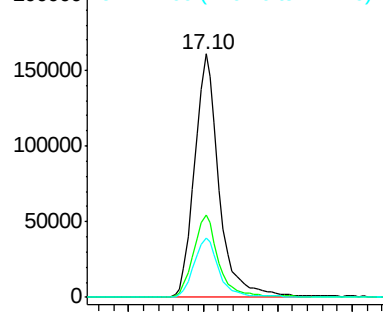
277 25.3 20.1 30.1



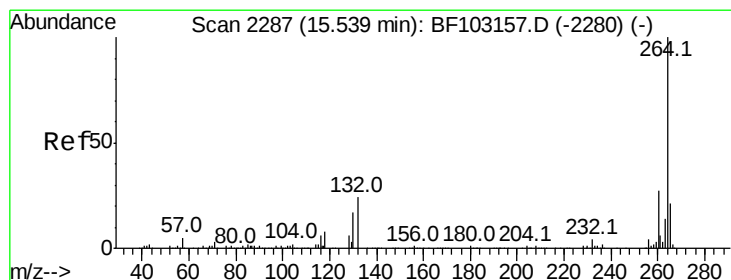
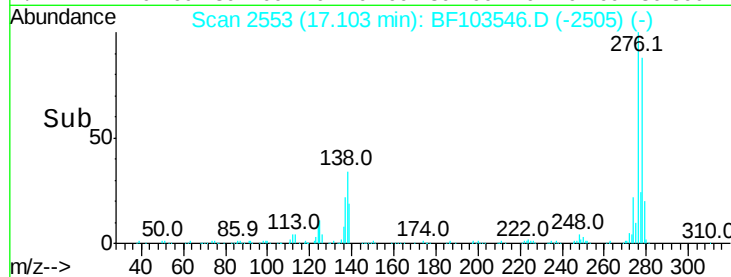
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

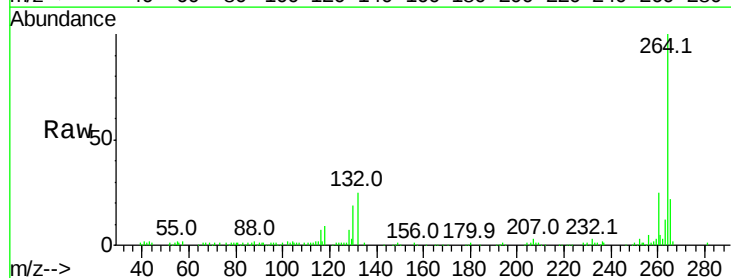
Tgt Ion:264 Resp: 177939

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

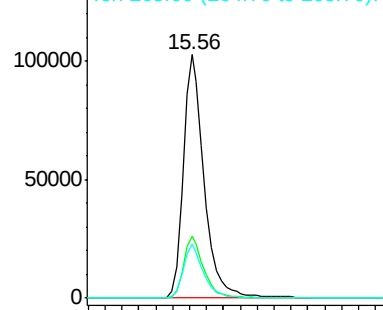
265 22.4 17.5 26.3



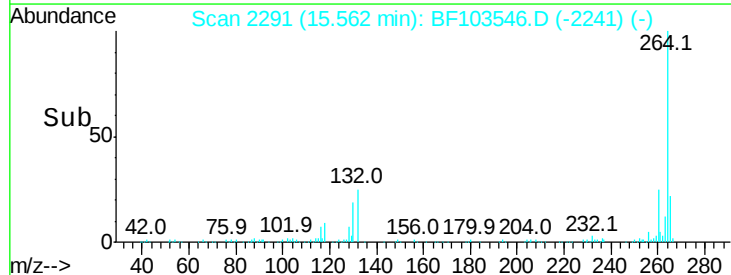
Abundance Ion 264.00 (263.70 to 264.70): E

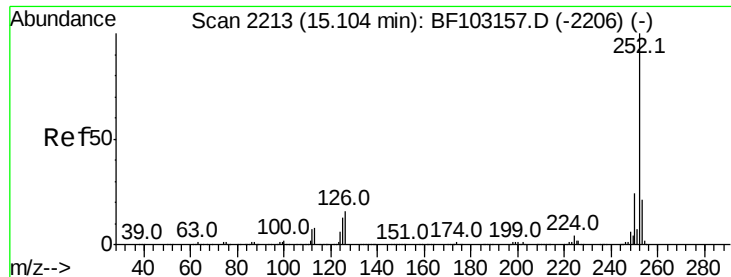
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->

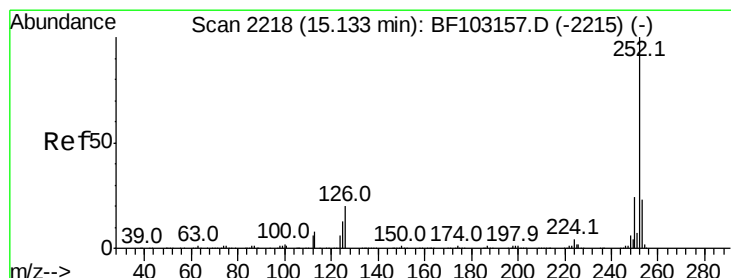
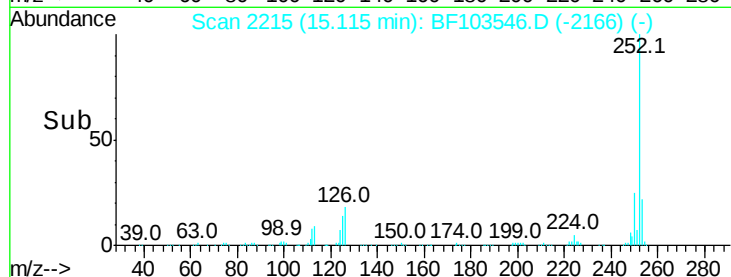
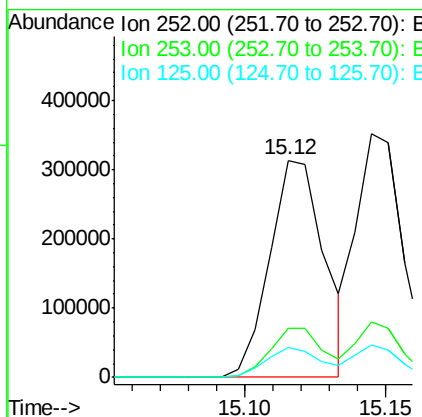
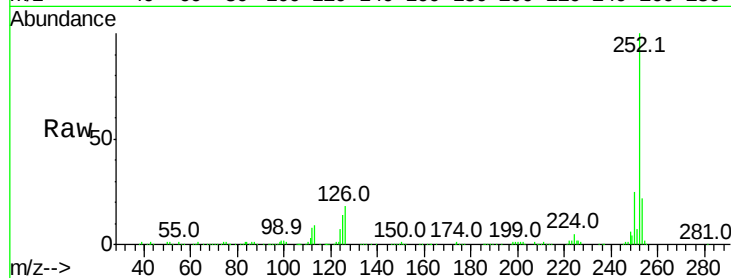




#87
Benzo(b)fluoranthene
Concen: 36.016 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

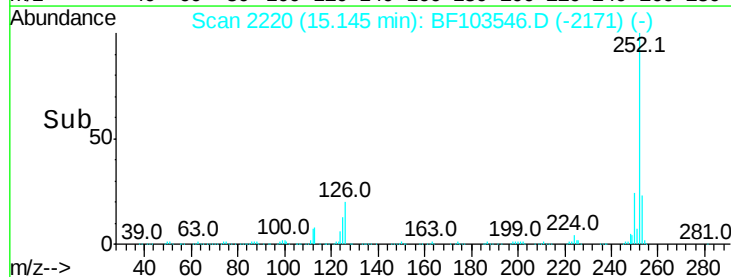
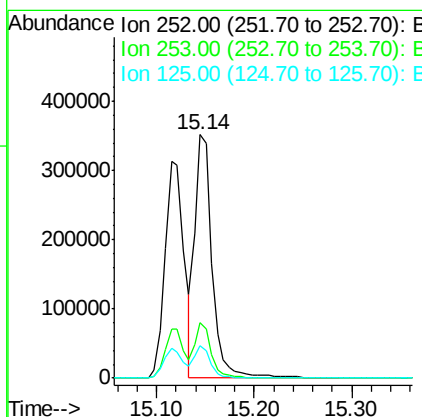
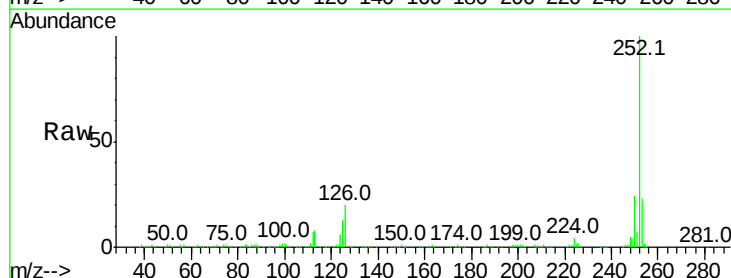
Instrument :
BNA_F
ClientSampleId :

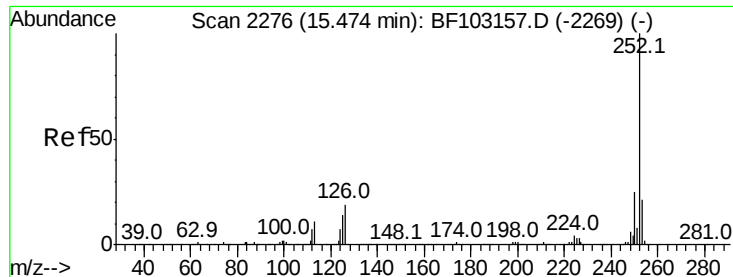
Tot Ion:252 Resp: 421366
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 13.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.932 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion:252 Resp: 428904
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 13.2 10.2 15.2

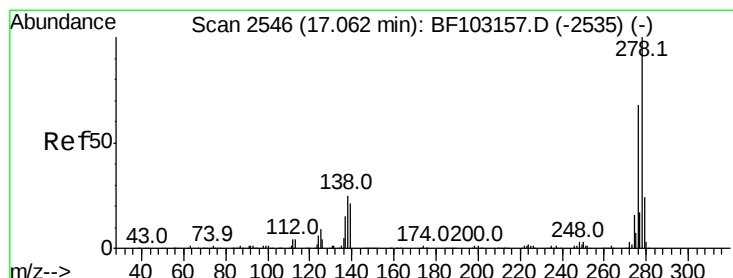
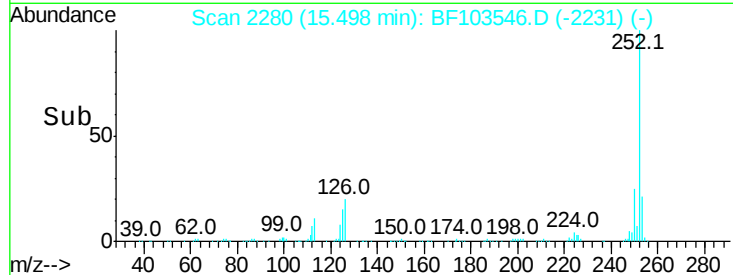
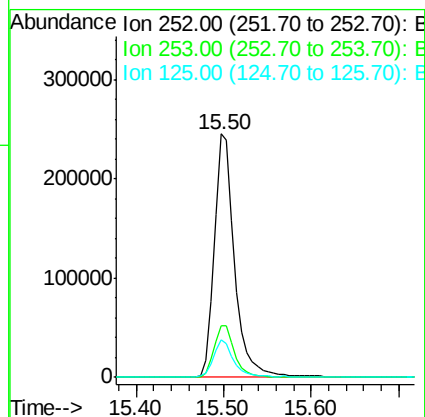
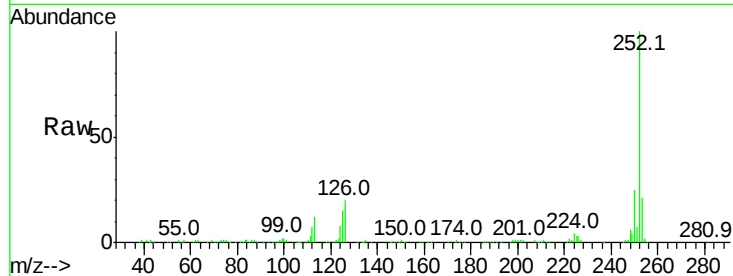




#89
Benzo(a)pyrene
Concen: 37.910 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

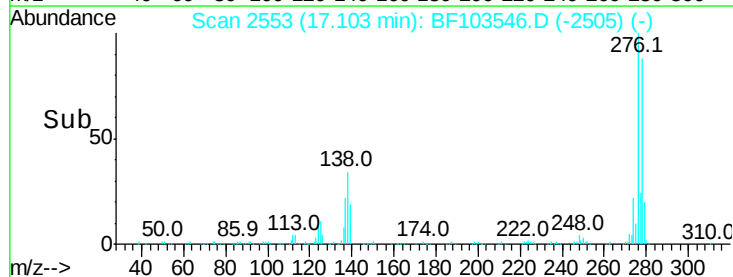
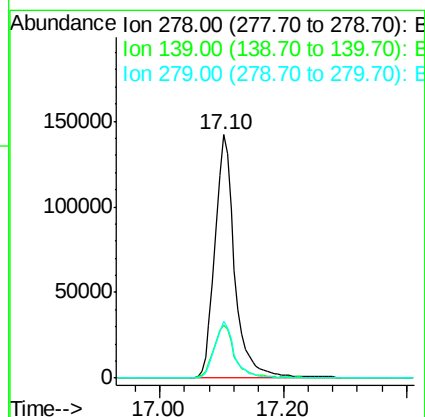
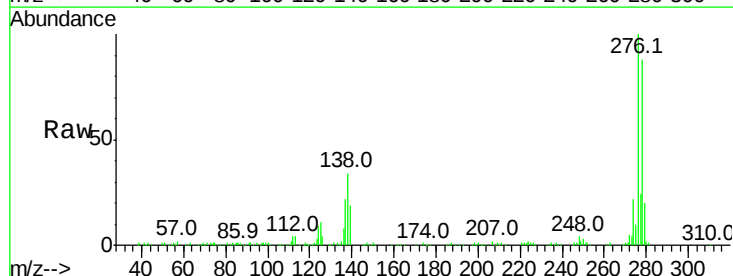
Instrument :
BNA_F
ClientSampleId :

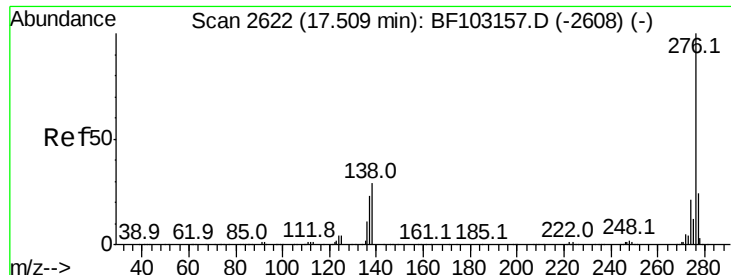
Tot Ion:252 Resp: 396061
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 15.4 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 39.191 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.02 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion:278 Resp: 316386
Ion Ratio Lower Upper
278 100
139 21.5 15.9 23.9
279 23.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 39.461 ng

RT: 17.57 min Scan# 2633

Delta R.T. -0.01 min

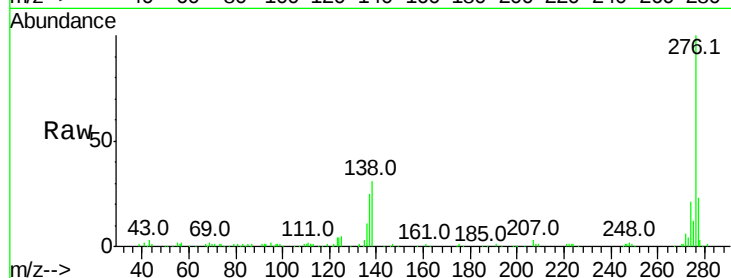
Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	276	Resp:	311347
Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.9	26.9
138	30.5	21.8	32.8

