

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103537.D
 Acq On : 9 Mar 2018 1:20
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 03:13:25 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	124888	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	515432	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	205846	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	320044	20.00	ng	0.00
75) Chrysene-d12	14.06	240	220537	20.00	ng	0.00
86) Perylene-d12	15.56	264	192098	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	684396	82.88	ng	0.00
7) Phenol-d6	6.50	99	783471	77.54	ng	0.00
23) Nitrobenzene-d5	7.44	82	701265	77.70	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	98756	56.68	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1016779	85.10	ng	0.00
78) Terphenyl-d14	12.99	244	657618	71.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	168920	38.732	ng	95
3) Pyridine	3.40	79	423568	36.379	ng	97
4) n-Nitrosodimethylamine	3.36	42	155909	33.202	ng	91
6) Aniline	6.53	93	535260	36.705	ng	# 84
8) 2-Chlorophenol	6.66	128	332572	38.770	ng	94
9) Benzaldehyde	6.43	77	219261	34.238	ng	97
10) Phenol	6.52	94	436968	37.252	ng	87
11) bis(2-Chloroethyl)ether	6.60	93	323564	36.344	ng	93
12) 1,3-Dichlorobenzene	6.80	146	374787	38.232	ng	96
13) 1,4-Dichlorobenzene	6.88	146	393328	40.021	ng	98
14) 1,2-Dichlorobenzene	7.03	146	345600	38.135	ng	99
15) Benzyl Alcohol	7.02	79	262883	34.526	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	543103	35.525	ng	61
17) 2-Methylphenol	7.13	107	284835	36.538	ng	# 86
18) Hexachloroethane	7.37	117	102333	28.602	ng	91
19) n-Nitroso-di-n-propylamine	7.27	70	248281	39.482	ng	94
20) 3+4-Methylphenols	7.28	107	372741	39.225	ng	# 40
22) Acetophenone	7.28	105	501053	41.647	ng	# 90
24) Nitrobenzene	7.46	77	394635	39.713	ng	96
25) Isophorone	7.69	82	679211	38.210	ng	95
26) 2-Nitrophenol	7.77	139	145032	31.003	ng	# 89
27) 2,4-Dimethylphenol	7.80	122	263346	36.829	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	400437	38.315	ng	99
29) 2,4-Dichlorophenol	8.02	162	257871	37.668	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	267422	36.682	ng	99
31) Naphthalene	8.17	128	920497	36.478	ng	99
32) Benzoic acid	7.93	122	109802	24.631	ng	95
33) 4-Chloroaniline	8.23	127	409554	37.611	ng	95
34) Hexachlorobutadiene	8.27	225	137796	36.297	ng	99
35) Caprolactam	8.60	113	80634	33.513	ng	# 79
36) 4-Chloro-3-methylphenol	8.72	107	281889	36.506	ng	99
37) 2-Methylnaphthalene	8.86	142	571619	35.050	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	224416	39.879	ng	99
42) 2,4,6-Trichlorophenol	9.15	196	137817	36.396	ng	99

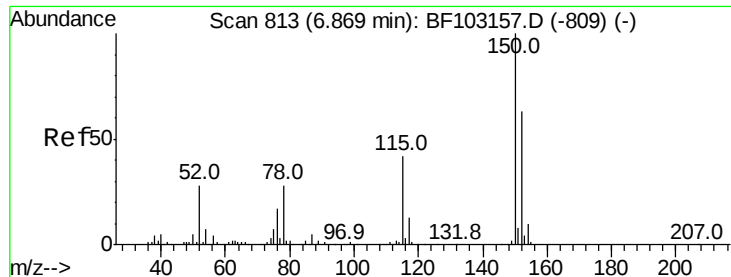
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103537.D
 Acq On : 9 Mar 2018 1:20
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
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Instrument :
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Quant Time: Mar 09 03:13:25 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)
43) 2,4,5-Trichlorophenol	9.20	196	155301	35.660	ng	97
45) 1,1'-Biphenyl	9.33	154	696885	40.402	ng	97
46) 2-Chloronaphthalene	9.36	162	538538	39.464	ng	99
47) 2-Nitroaniline	9.46	65	223878	44.290	ng	86
48) Acenaphthylene	9.77	152	769490	36.649	ng	99
49) Dimethylphthalate	9.62	163	596604	36.129	ng	100
50) 2,6-Dinitrotoluene	9.70	165	114040	32.908	ng #	79
51) Acenaphthene	9.94	154	443138	36.195	ng	100
52) 3-Nitroaniline	9.87	138	172599	39.257	ng	92
53) 2,4-Dinitrophenol	10.06	184	123	9.708	ng #	1
54) Dibenzofuran	10.12	168	609780	36.282	ng	97
55) 4-Nitrophenol	10.07	139	36855	13.525	ng #	83
56) 2,4-Dinitrotoluene	10.12	165	129607	29.572	ng #	59
57) Fluorene	10.46	166	489753	34.208	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	88813	30.357	ng	94
59) Diethylphthalate	10.32	149	578660	36.639	ng	100
60) 4-Chlorophenyl-phenylether	10.45	204	220125	36.257	ng	98
61) 4-Nitroaniline	10.50	138	157897	35.956	ng	97
62) Azobenzene	10.60	77	597676	37.178	ng	94
64) 4,6-Dinitro-2-methylphenol	10.55	198	2570	6.129	ng #	36
65) n-Nitrosodiphenylamine	10.56	169	442484	39.708	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	119677	35.897	ng	97
67) Hexachlorobenzene	11.01	284	122487	33.849	ng	99
68) Atrazine	11.09	200	98138	29.300	ng	99
69) Pentachlorophenol	11.22	266	37508	21.437	ng	97
70) Phenanthrene	11.43	178	622088	35.320	ng	98
71) Anthracene	11.48	178	669227	37.054	ng	99
72) Carbazole	11.64	167	676301	37.602	ng	99
73) Di-n-butylphthalate	11.94	149	870492	38.679	ng	99
74) Fluoranthene	12.62	202	617973	34.915	ng	99
76) Benzidine	12.75	184	337336	40.915	ng	100
77) Pyrene	12.86	202	640512	37.251	ng	99
79) Butylbenzylphthalate	13.45	149	345320	38.012	ng	93
80) Benzo(a)anthracene	14.04	228	507352	35.456	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	196363	38.452	ng	99
82) Chrysene	14.09	228	506287	36.439	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	453779	37.015	ng #	99
84) Di-n-octyl phthalate	14.62	149	789545	39.862	ng	95
85) Indeno(1,2,3-cd)pyrene	17.11	276	372186	33.837	ng	97
87) Benzo(b)fluoranthene	15.12	252	416758	32.997	ng	98
88) Benzo(k)fluoranthene	15.15	252	458106	38.518	ng	98
89) Benzo(a)pyrene	15.50	252	391716	34.730	ng	98
90) Dibenzo(a,h)anthracene	17.11	278	320951	36.826	ng	98
91) Benzo(g,h,i)perylene	17.58	276	307882	36.146	ng	97

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

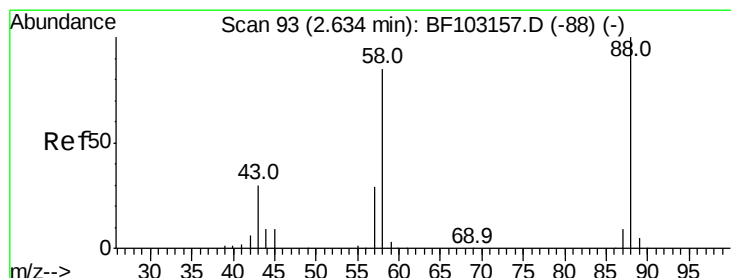
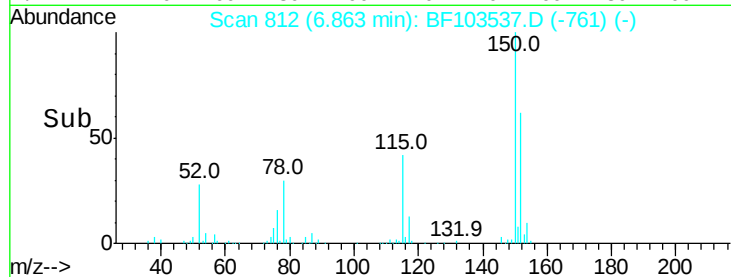
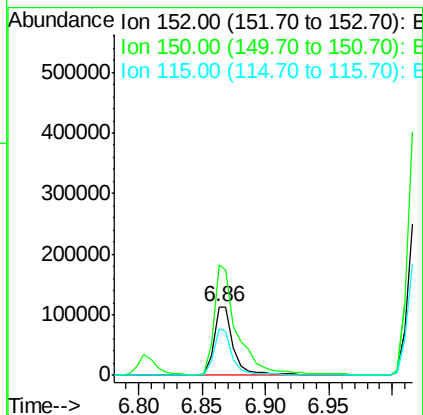
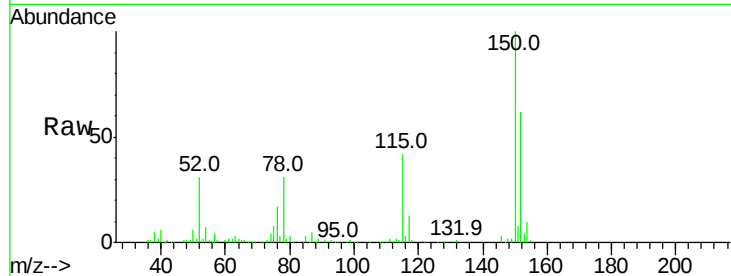


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Instrument :
BNA_F
ClientSampleId :

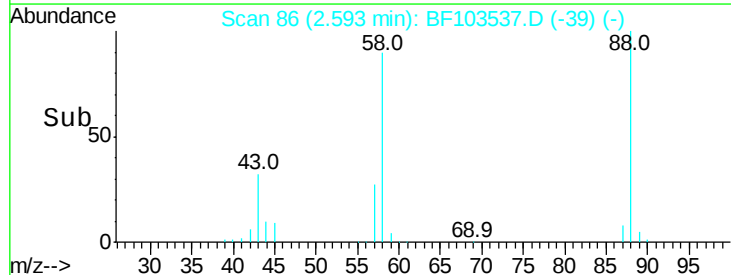
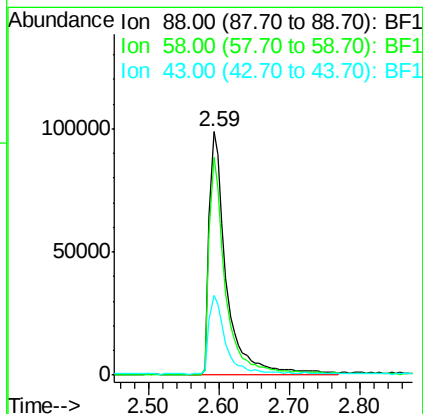
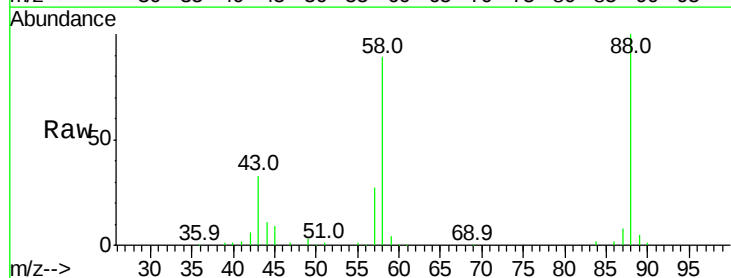
Tot Ion:152 Resp: 124888
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 68.0 50.1 75.1

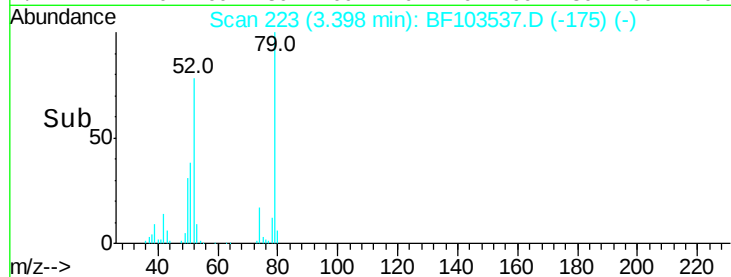
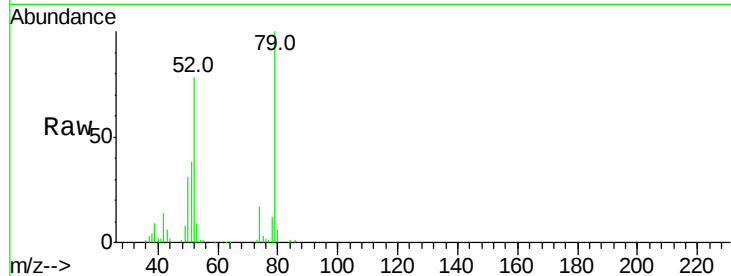
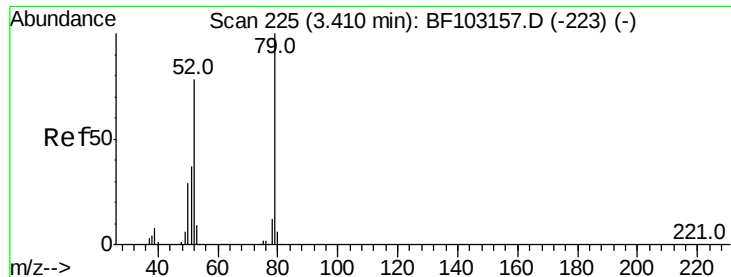


#2

1,4-Dioxane
Concen: 38.732 ng
RT: 2.59 min Scan# 86
Delta R.T. -0.02 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion: 88 Resp: 168920
Ion Ratio Lower Upper
88 100
58 83.9 62.6 93.8
43 30.7 24.6 37.0

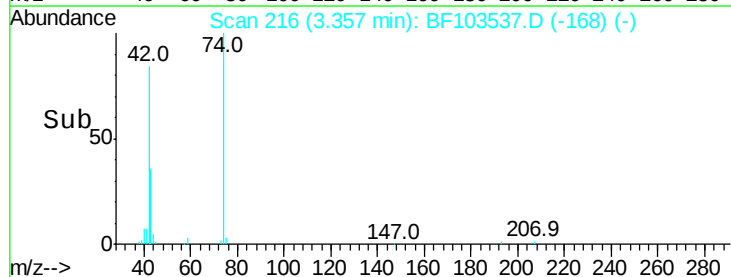
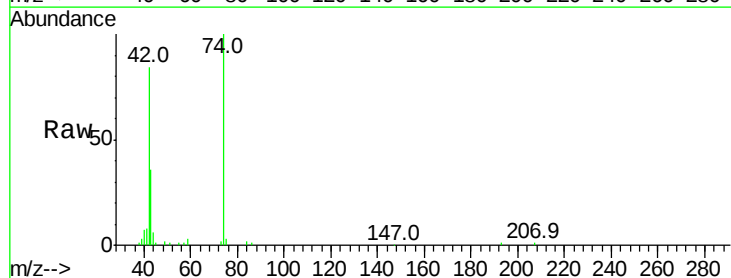
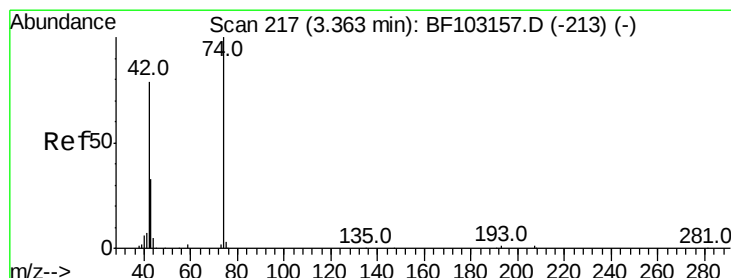
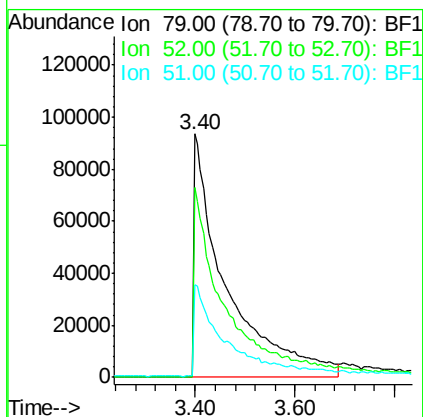




#3
 Pvridine
 Concen: 36.379 ng
 RT: 3.40 min Scan# 223
 Delta R.T. -0.02 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

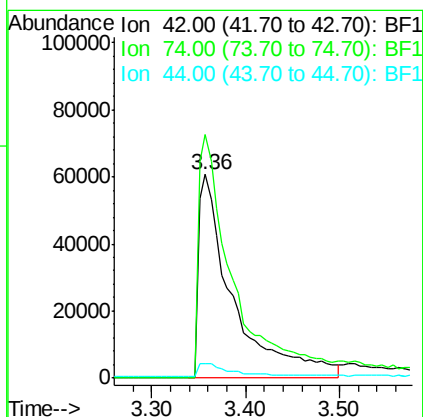
Instrument :
 BNA_F
 ClientSampleId :

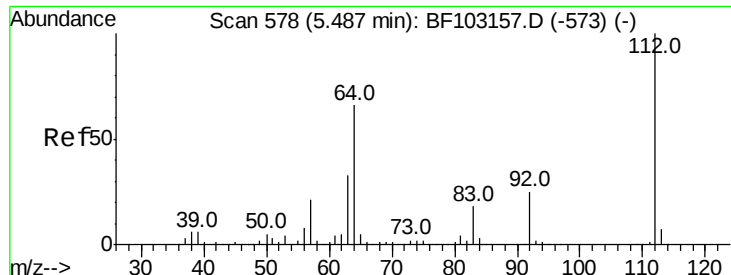
Tot Ion: 79 Resp: 423568
 Ion Ratio Lower Upper
 79 100
 52 77.9 59.8 89.6
 51 38.2 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 33.202 ng
 RT: 3.36 min Scan# 216
 Delta R.T. -0.02 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Tgt Ion: 42 Resp: 155909
 Ion Ratio Lower Upper
 42 100
 74 119.7 104.9 157.3
 44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 82.882 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :
BNA_F
ClientSampleId :

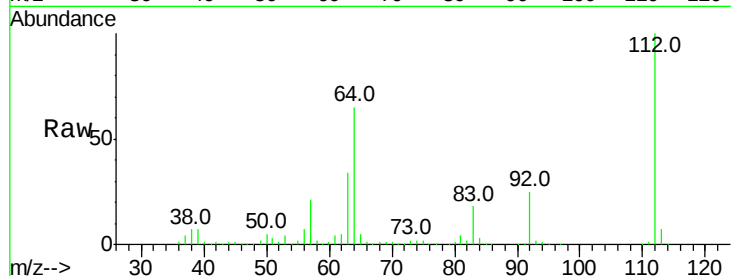
Tot Ion:112 Resp: 684396

Ion Ratio Lower Upper

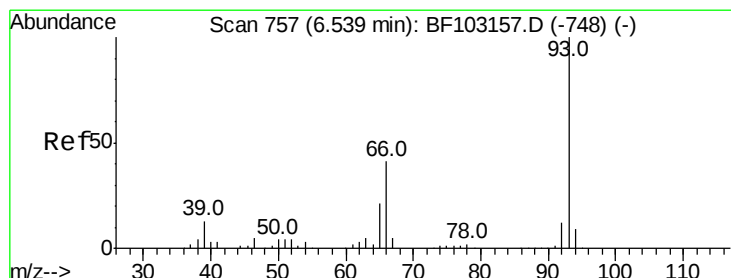
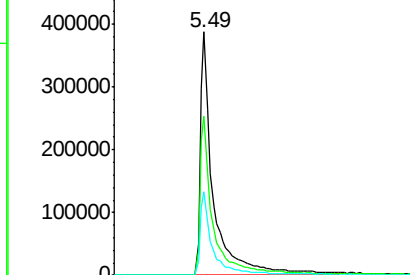
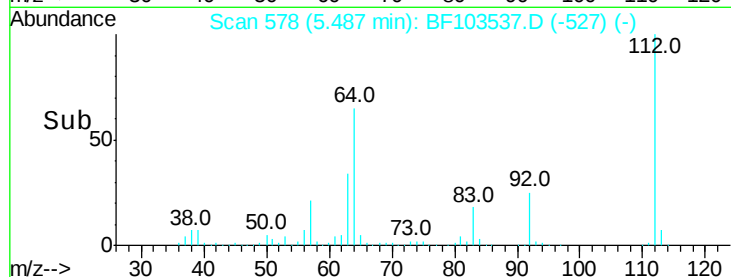
112 100

64 65.3 47.9 71.9

63 34.1 23.7 35.5



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



#6

Aniline

Concen: 36.705 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

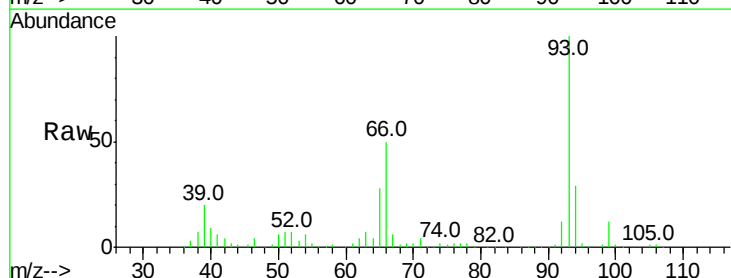
Tgt Ion: 93 Resp: 535260

Ion Ratio Lower Upper

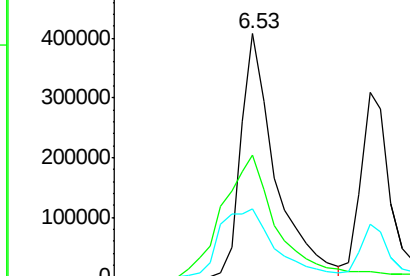
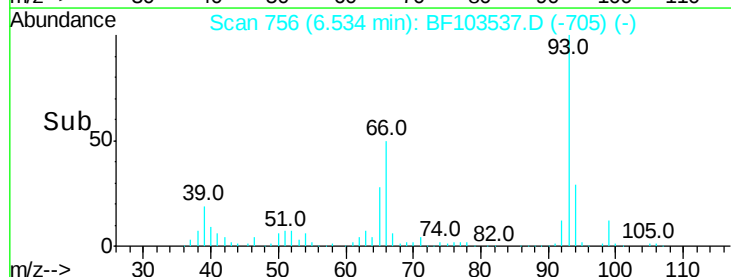
93 100

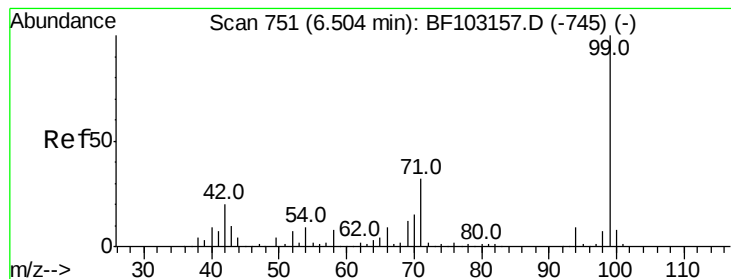
66 50.0 32.2 48.2#

65 28.2 16.4 24.6#



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





#7

Phenol-d6

Concen: 77.539 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

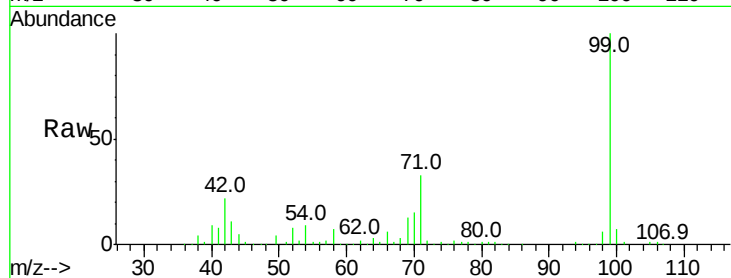
Tot Ion: 99 Resp: 783471

Ion Ratio Lower Upper

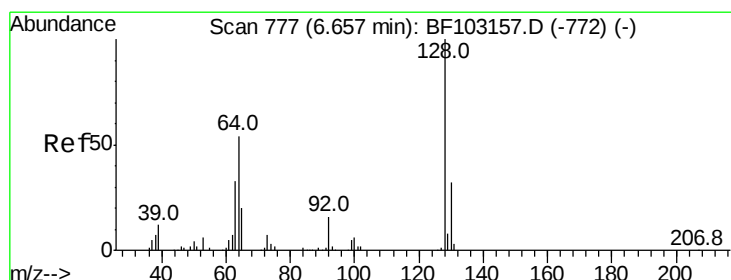
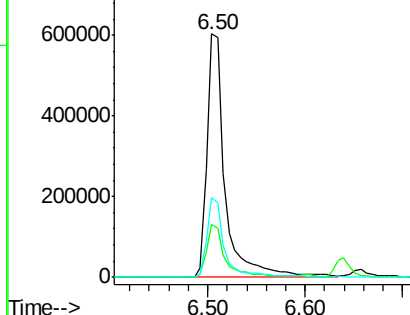
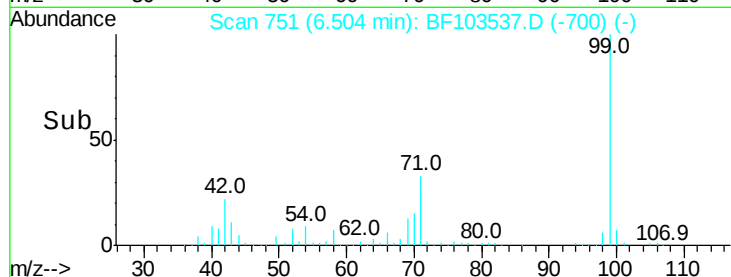
99 100

42 21.7 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: 38.770 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

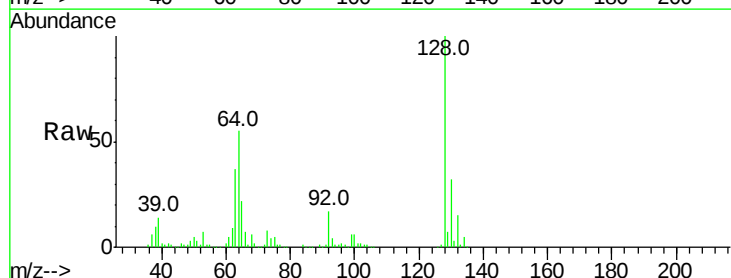
Tgt Ion:128 Resp: 332572

Ion Ratio Lower Upper

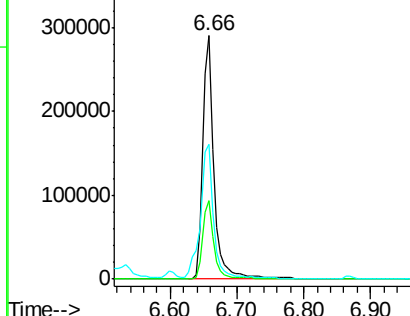
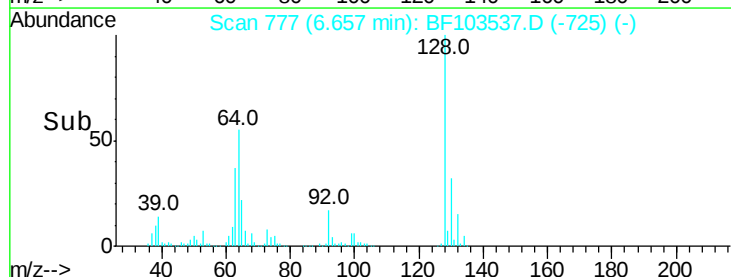
128 100

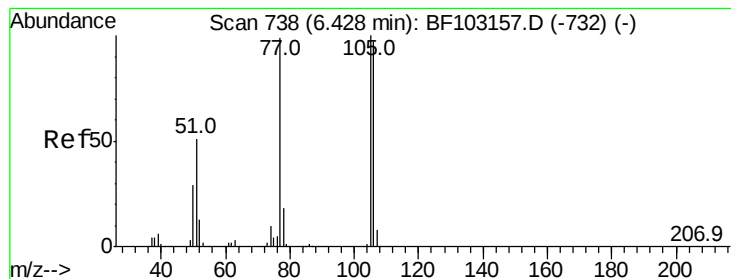
130 32.1 13.0 53.0

64 55.2 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: 34.238 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

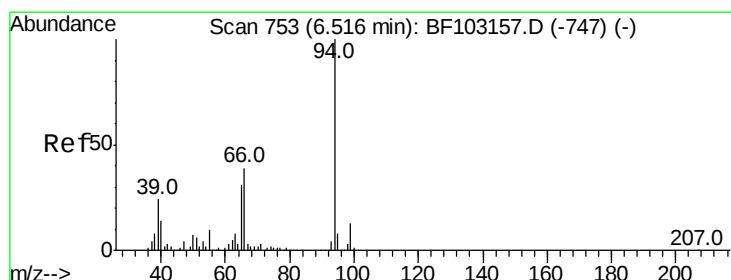
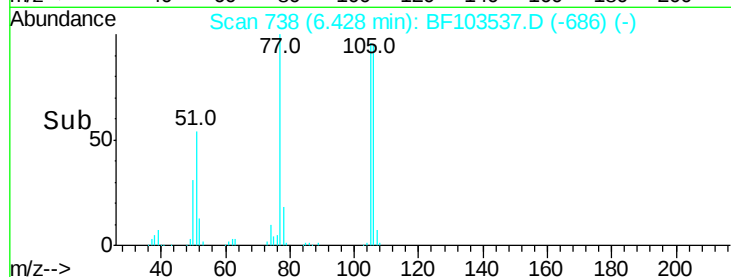
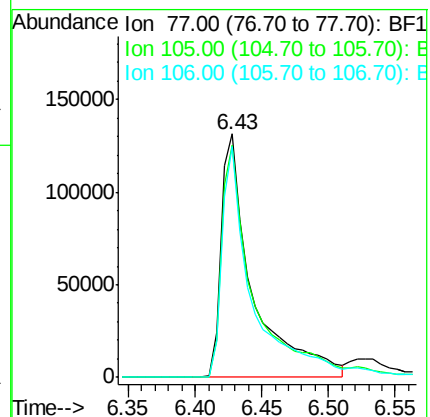
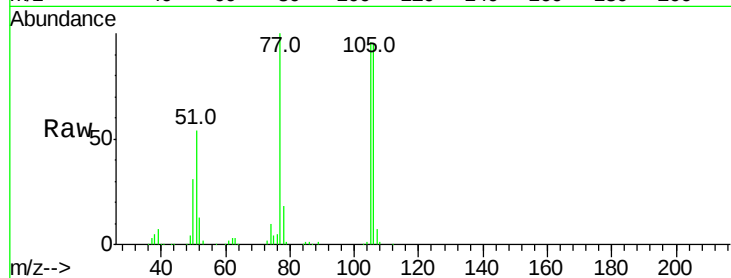
Tot Ion: 77 Resp: 219261

Ion Ratio Lower Upper

77 100

105 95.6 81.1 121.1

106 94.6 74.5 114.5



#10

Phenol

Concen: 37.252 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

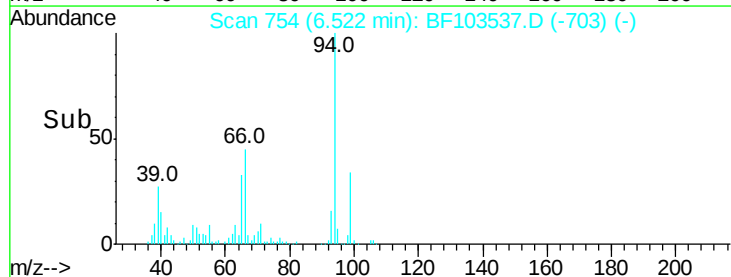
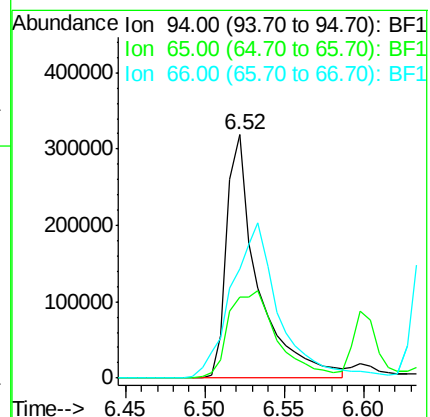
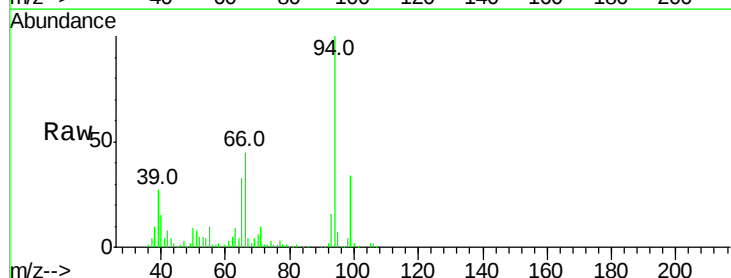
Tgt Ion: 94 Resp: 436968

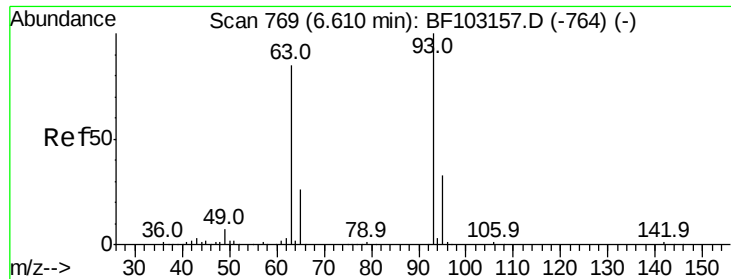
Ion Ratio Lower Upper

94 100

65 33.4 7.9 47.9

66 45.1 16.2 56.2

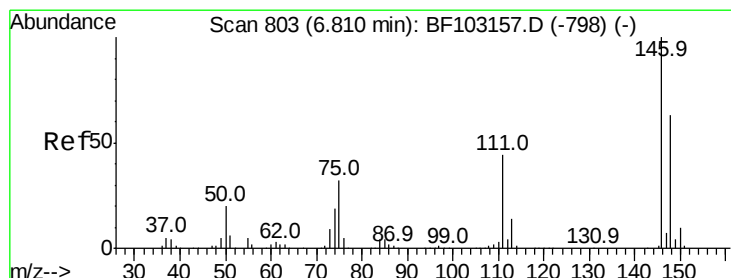
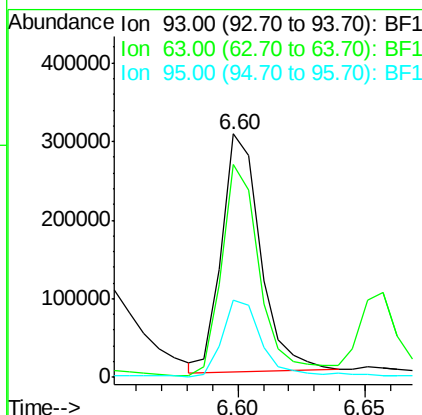
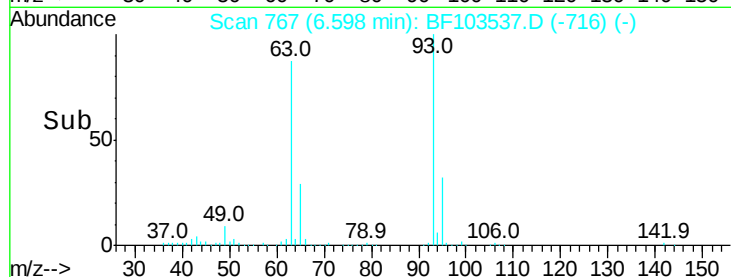
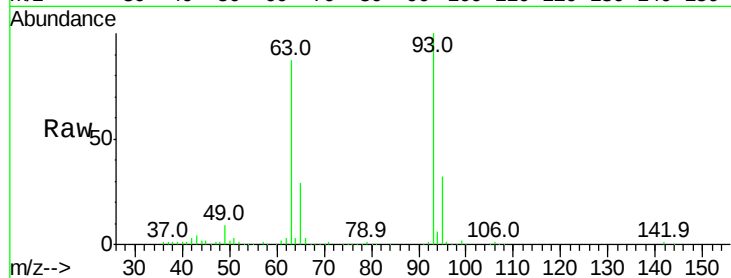




#11
 bis(2-Chloroethyl)ether
 Concen: 36.344 ng
 RT: 6.60 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

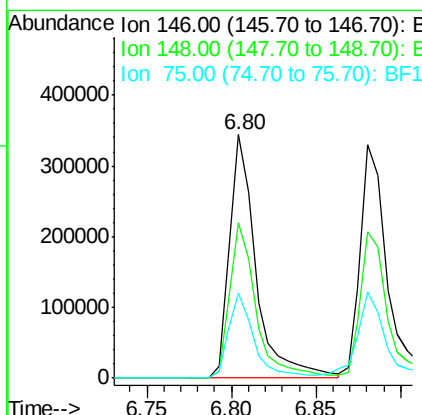
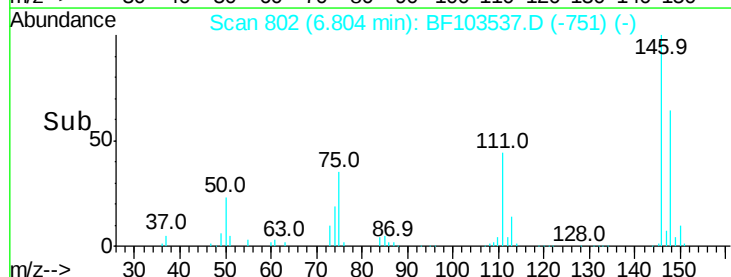
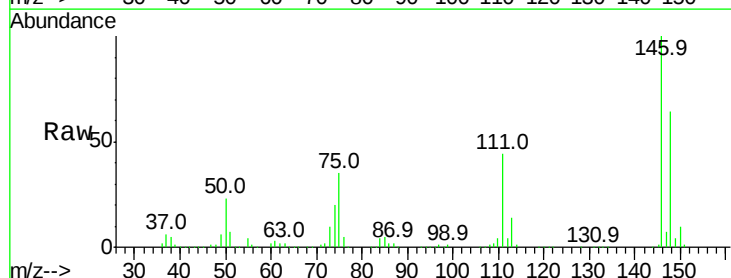
Instrument :
 BNA_F
 ClientSampleId :

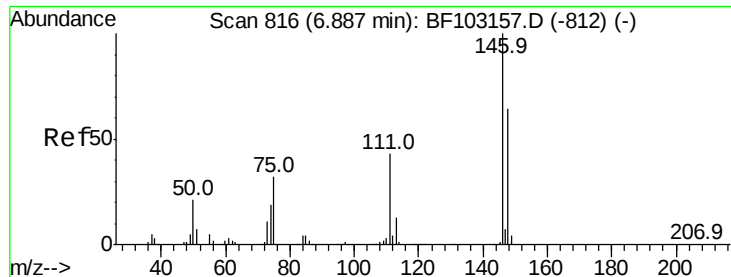
Tot Ion:	93	Resp:	323564
Ion	Ratio	Lower	Upper
93	100		
63	87.4	58.6	98.6
95	31.6	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 38.232 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Tgt Ion:	146	Resp:	374787
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	35.0	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 40.021 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

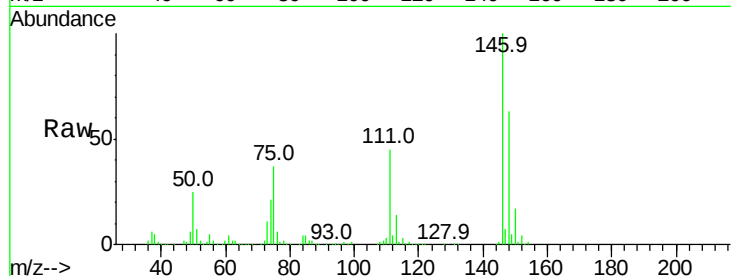
Tot Ion:146 Resp: 393328

Ion Ratio Lower Upper

146 100

148 63.0 50.8 76.2

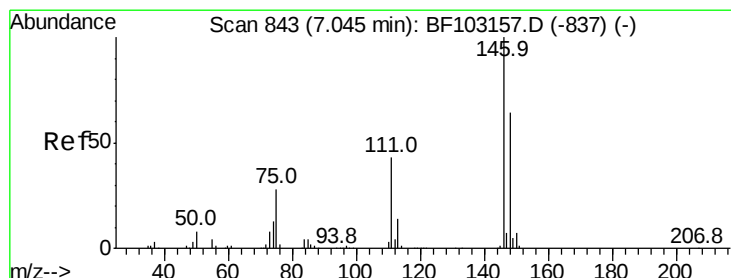
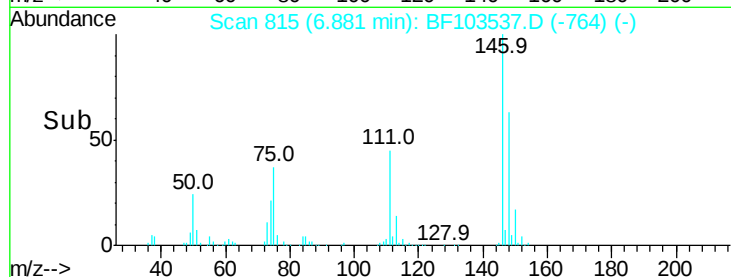
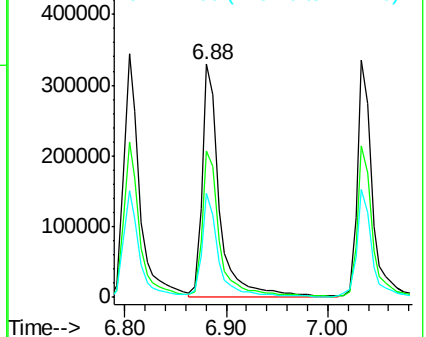
111 44.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.135 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

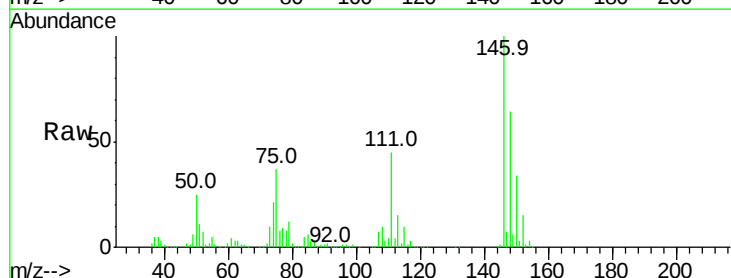
Tgt Ion:146 Resp: 345600

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

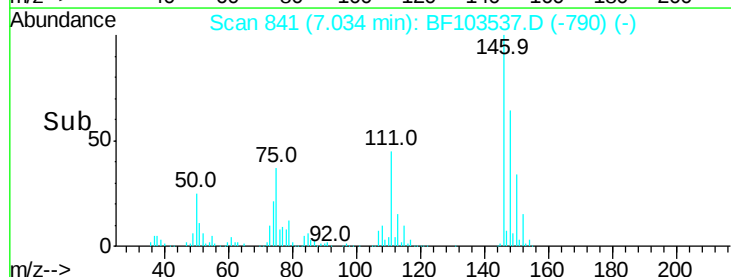
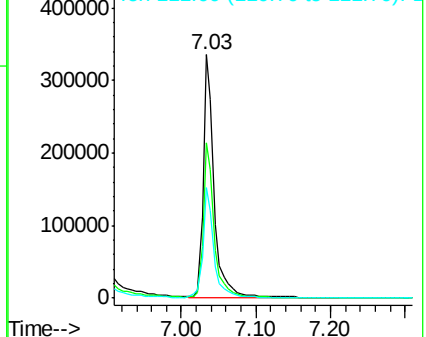
111 45.3 36.0 54.0

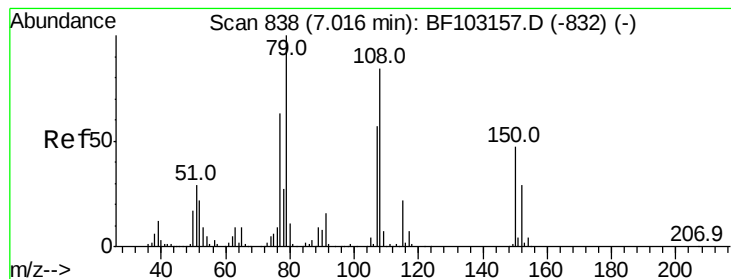


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.526 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampled :

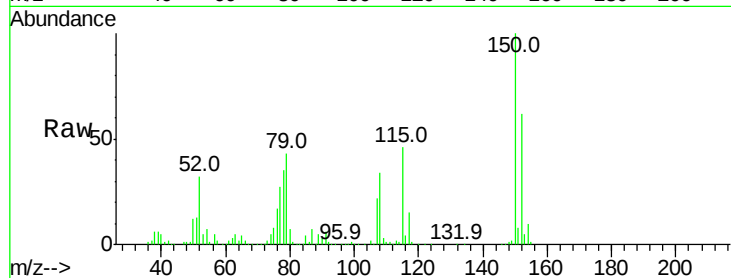
Tot Ion: 79 Resp: 262883

Ion Ratio Lower Upper

79 100

108 79.2 65.1 97.7

77 63.6 50.6 75.8



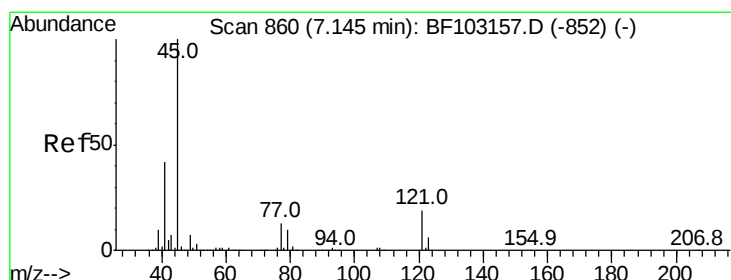
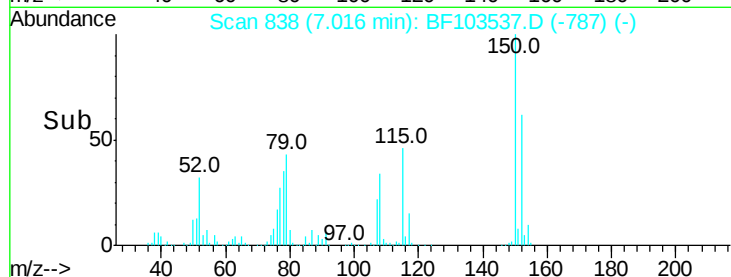
Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

7.02

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.525 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

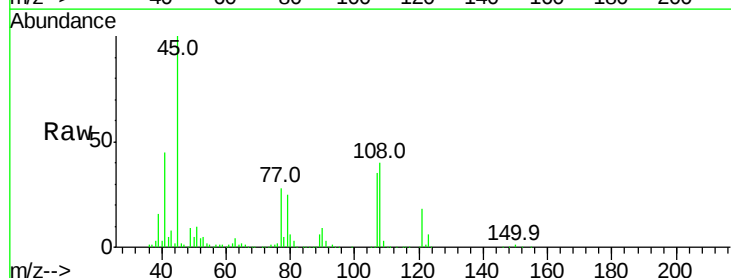
Tgt Ion: 45 Resp: 543103

Ion Ratio Lower Upper

45 100

77 27.8 0.0 32.9

79 24.7 0.0 29.6



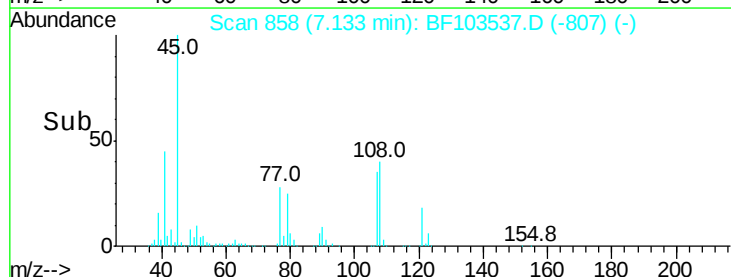
Abundance Ion 45.00 (44.70 to 45.70): BF1

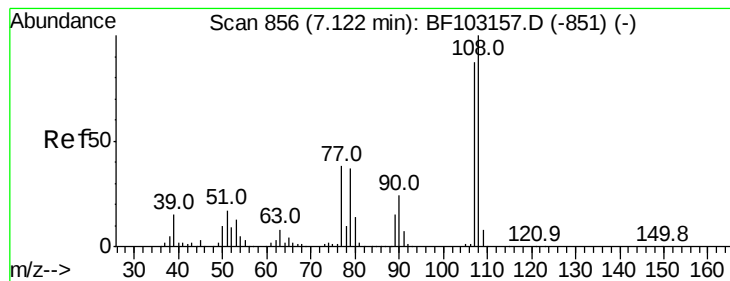
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

7.13

Time-->





#17

2-Methylphenol

Concen: 36.538 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 284835

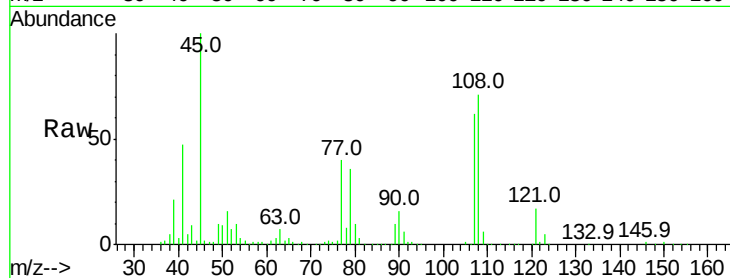
Ion Ratio Lower Upper

107 100

108 115.6 91.7 137.5

77 64.8 33.8 50.8#

79 58.9 33.8 50.8#

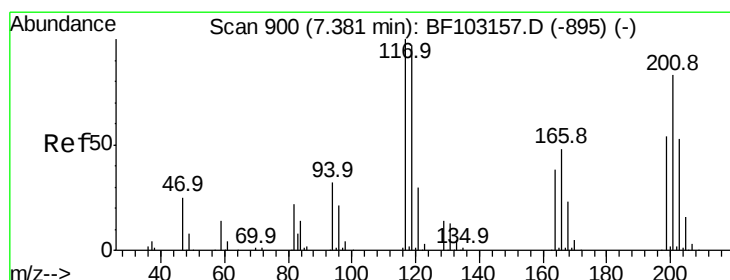
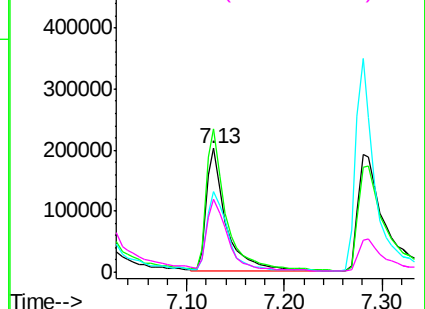
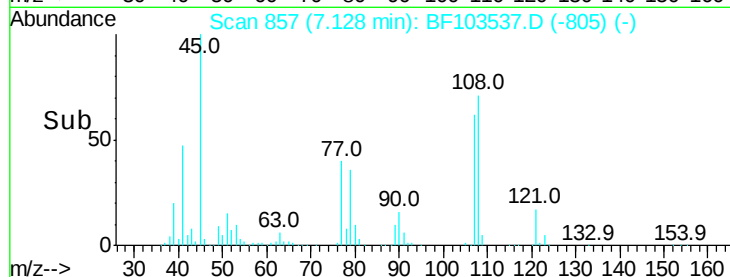


Abundance Ion 107.00 (106.70 to 107.70): E

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: 28.602 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

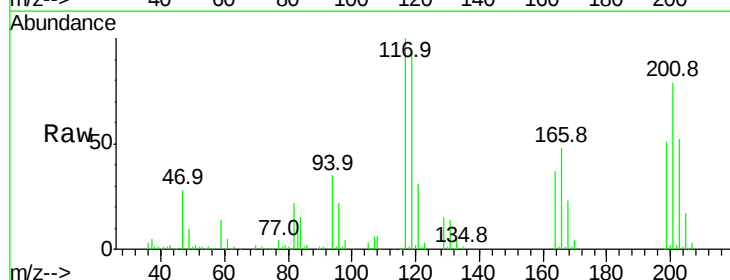
Tgt Ion:117 Resp: 102333

Ion Ratio Lower Upper

117 100

119 93.6 75.8 113.8

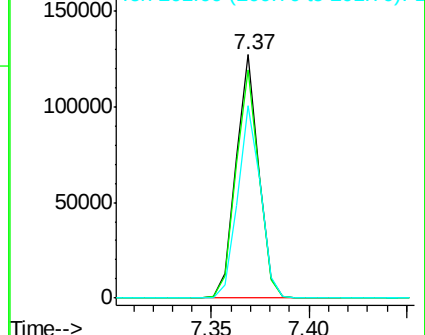
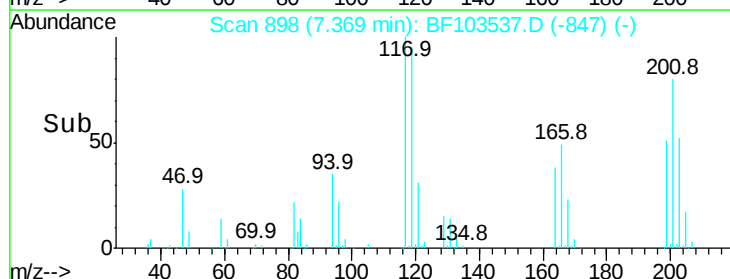
201 79.1 75.7 113.5

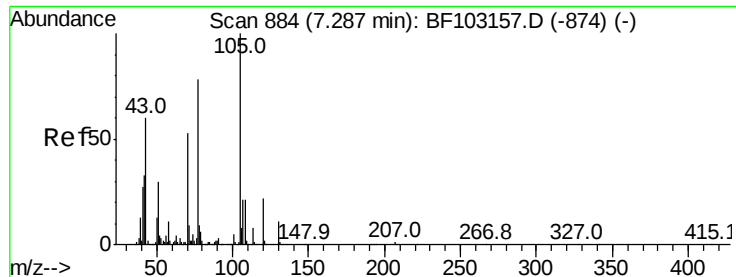


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

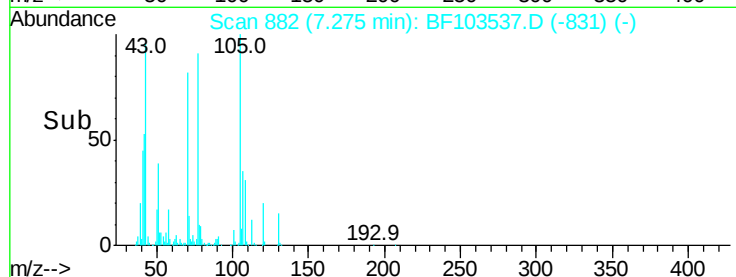
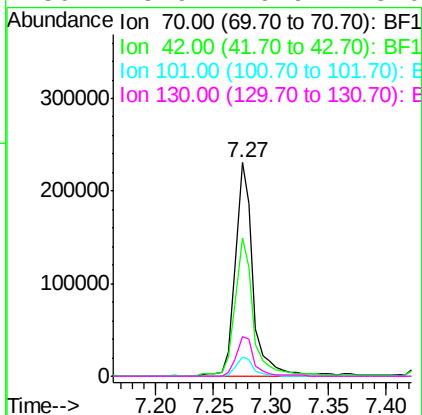
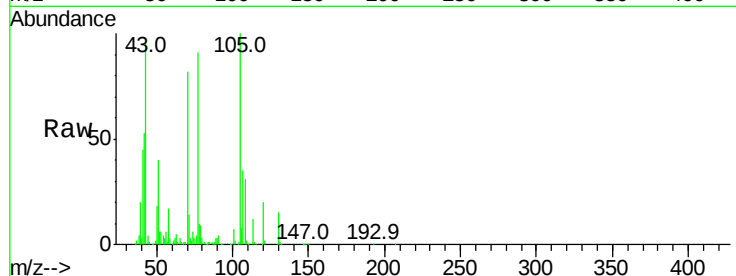




#19
n-Nitroso-di-n-propylamine
Concen: 39.482 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

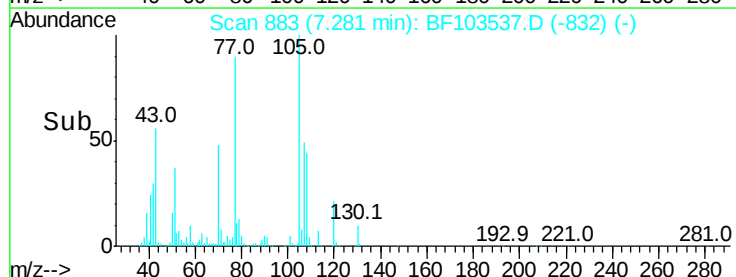
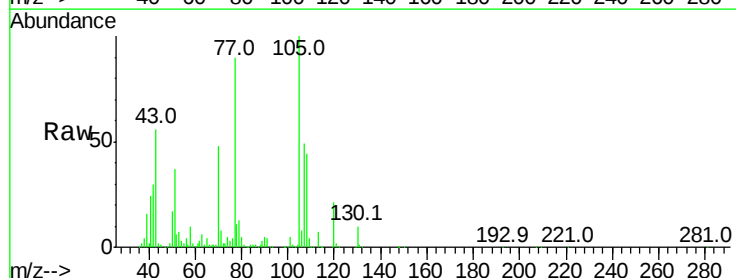
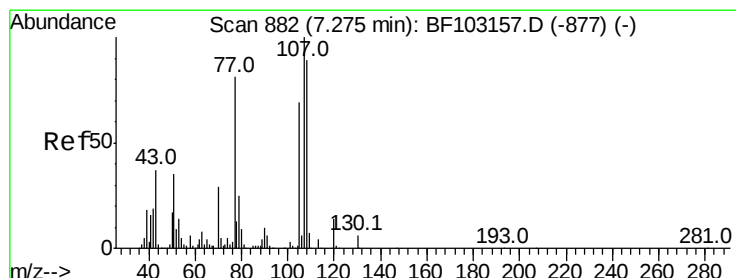
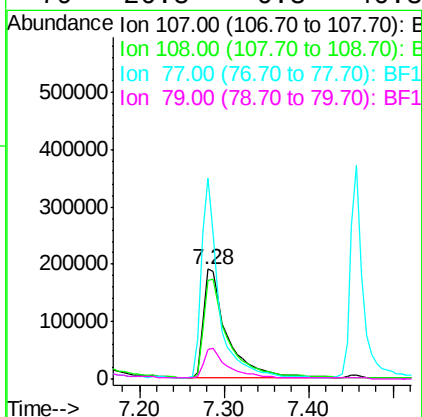
Instrument :
BNA_F
ClientSampleId :

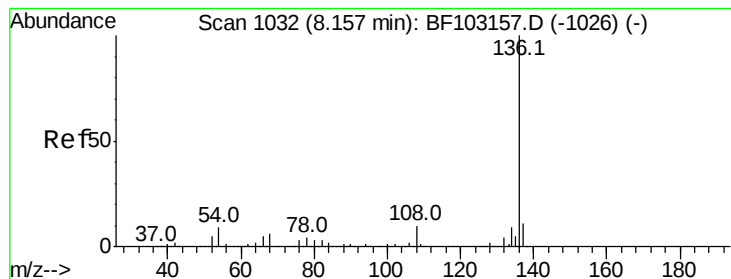
Tot Ion: 70 Resp: 248281
Ion Ratio Lower Upper
70 100
42 64.9 47.5 71.3
101 8.8 7.4 11.2
130 18.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 39.225 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion:107 Resp: 372741
Ion Ratio Lower Upper
107 100
108 89.6 68.2 108.2
77 182.2 26.7 66.7#
79 26.8 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 515432

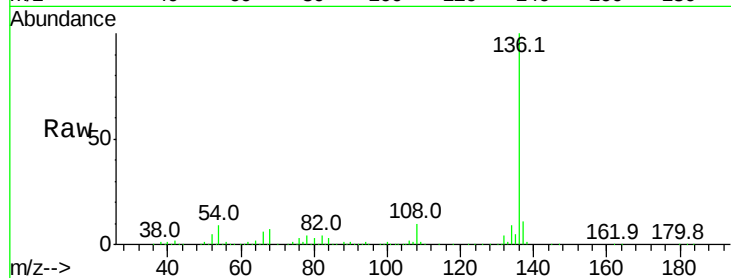
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.6 6.6 9.8

68 6.7 5.0 7.4

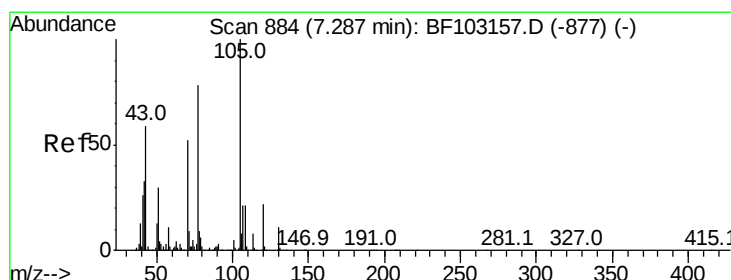
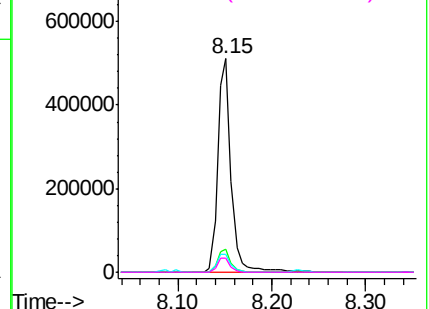
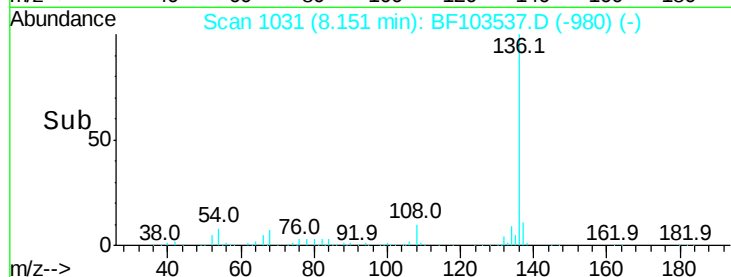


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.647 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Tgt Ion:105 Resp: 501053

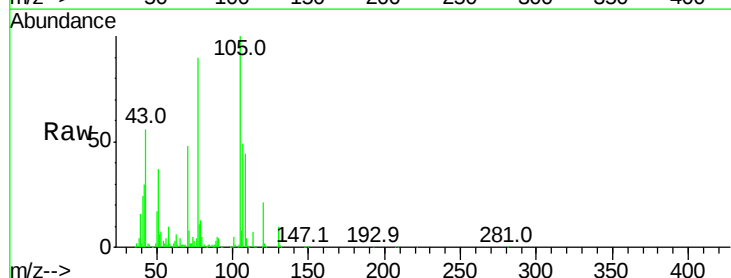
Ion Ratio Lower Upper

105 100

71 8.0 4.4 6.6#

51 36.8 22.3 33.5#

120 20.6 16.9 25.3

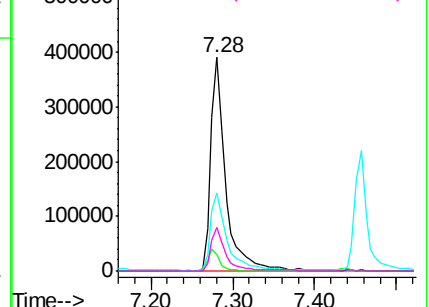
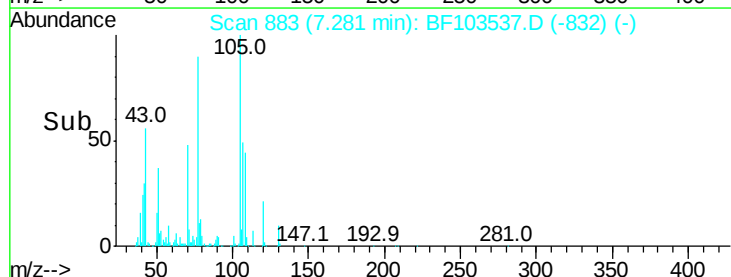


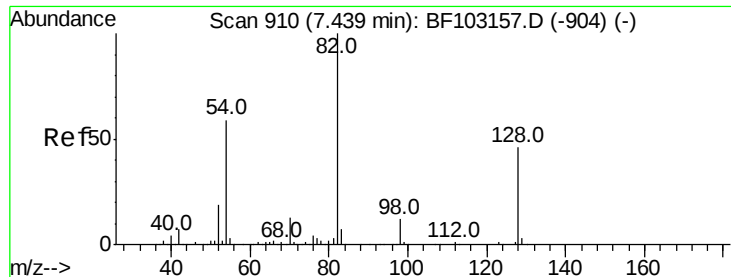
Abundance Ion 105.00 (104.70 to 105.70): E

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

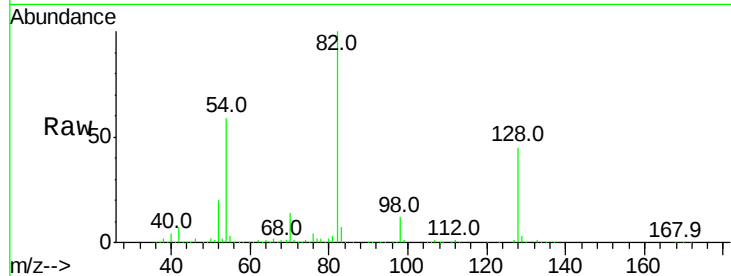




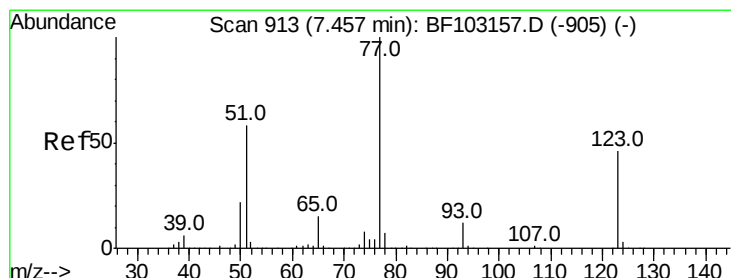
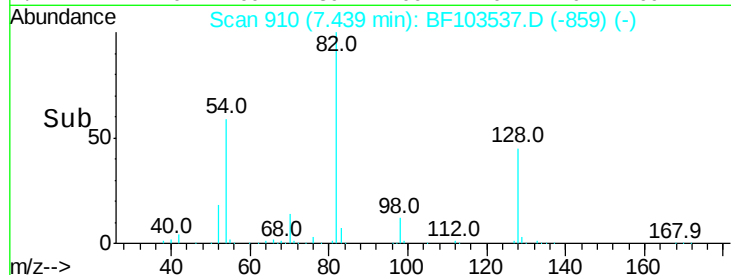
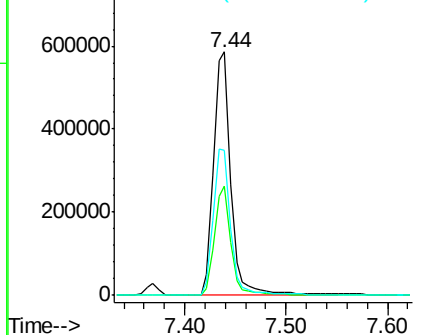
#23
 Nitrobenzene-d5
 Concen: 77.698 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	701265
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	59.4	41.4	62.2

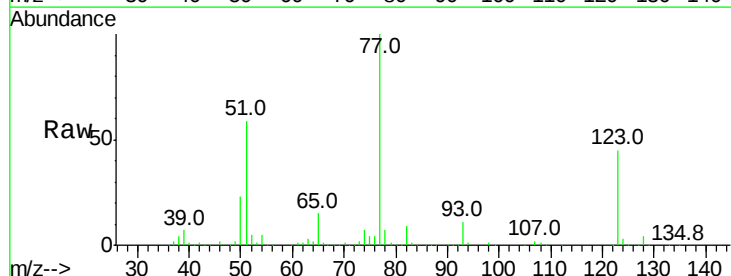


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

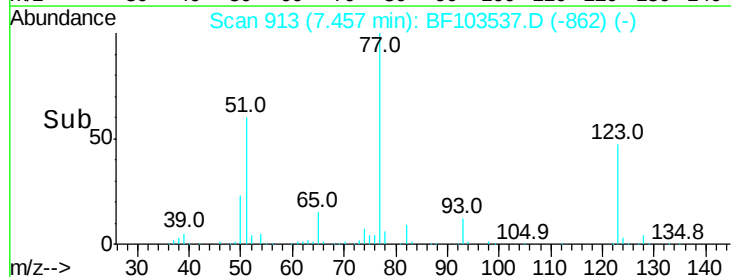
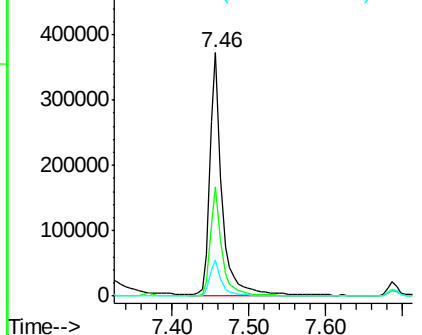


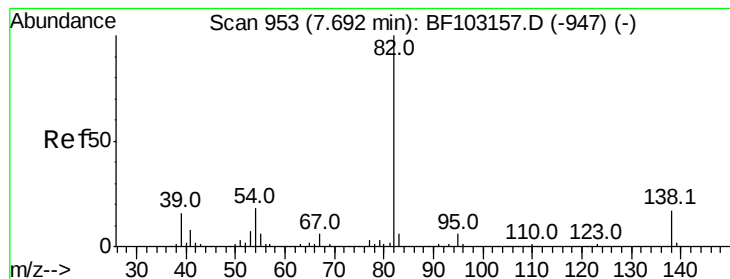
#24
 Nitrobenzene
 Concen: 39.713 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Tgt Ion	77	Resp	394635
Ion	Ratio	Lower	Upper
77	100		
123	45.0	37.9	56.9
65	15.0	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: 38.210 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

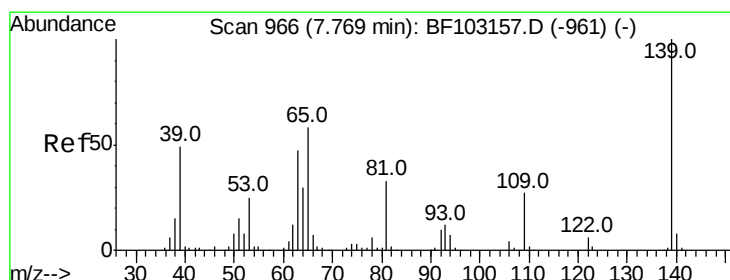
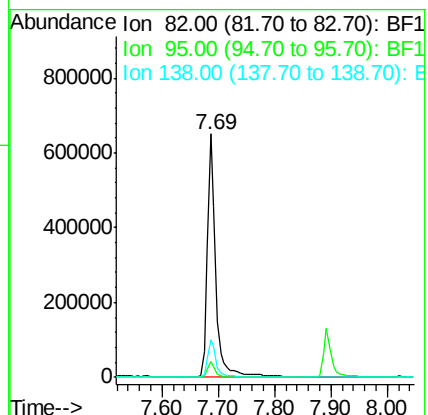
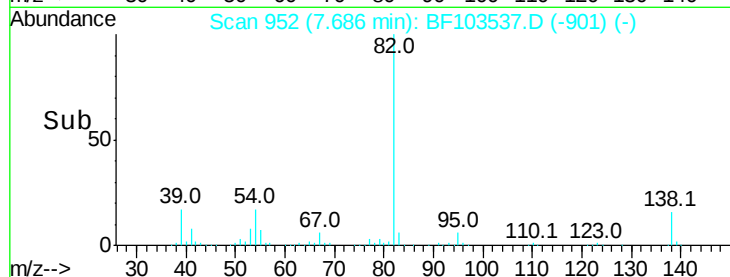
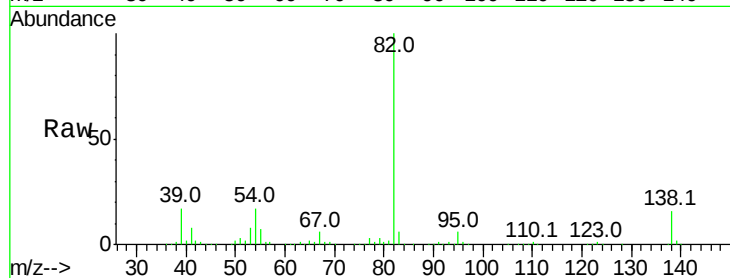
Tot Ion: 82 Resp: 679211

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 15.6 14.9 22.3



#26

2-Nitrophenol

Concen: 31.003 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

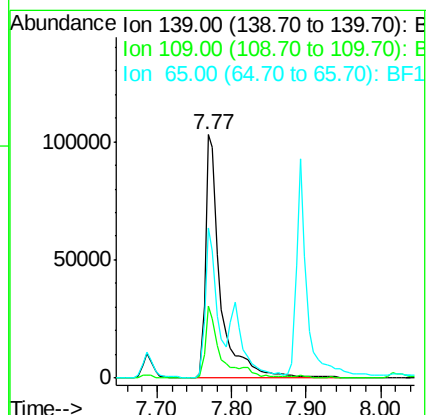
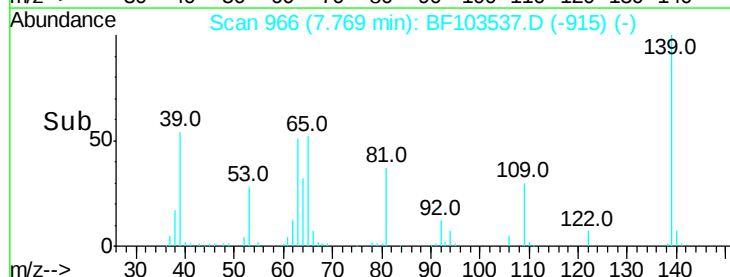
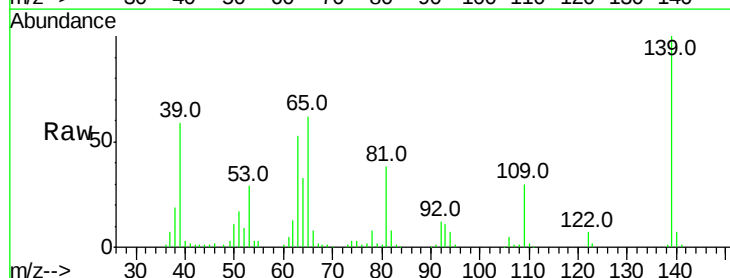
Tgt Ion:139 Resp: 145032

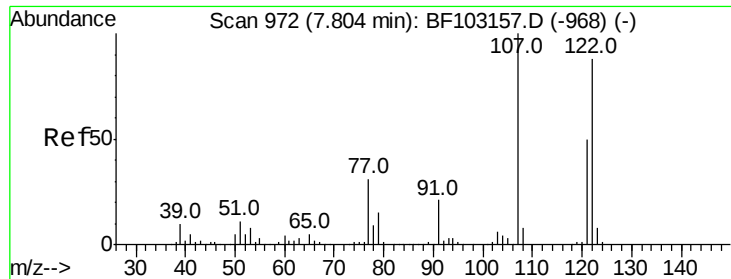
Ion Ratio Lower Upper

139 100

109 29.8 22.7 34.1

65 61.7 40.5 60.7#

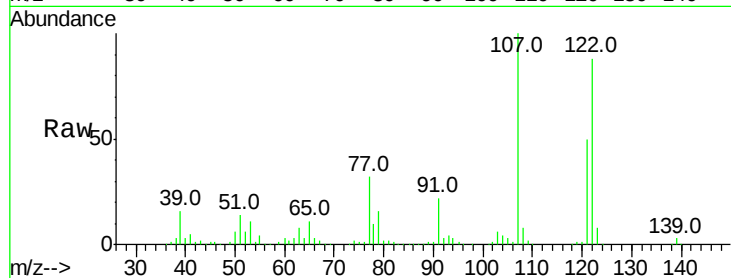




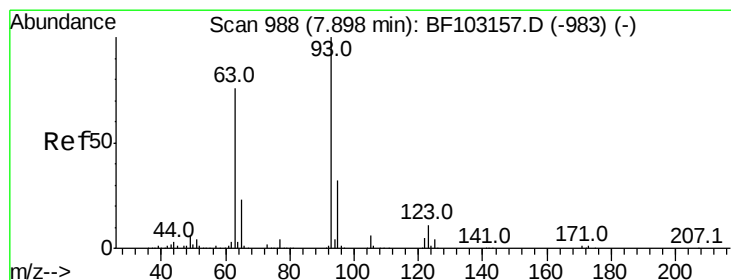
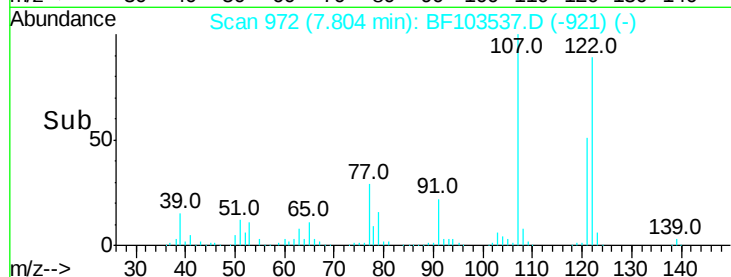
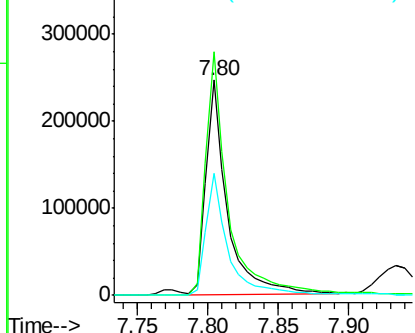
#27
2,4-Dimethylphenol
Concen: 36.829 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 263346
Ion Ratio Lower Upper
122 100
107 113.3 91.2 136.8
121 56.9 47.2 70.8

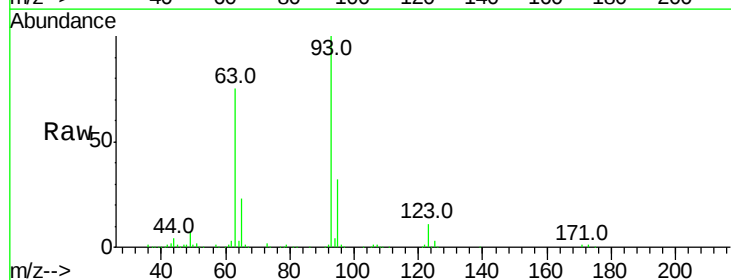


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

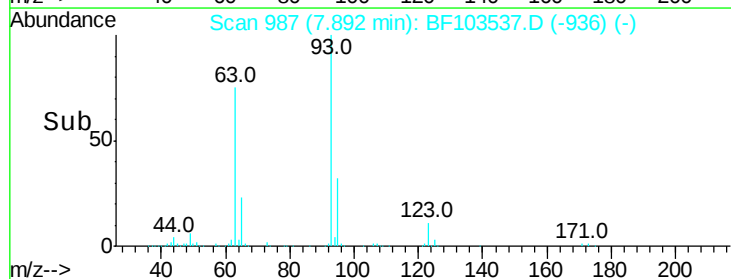
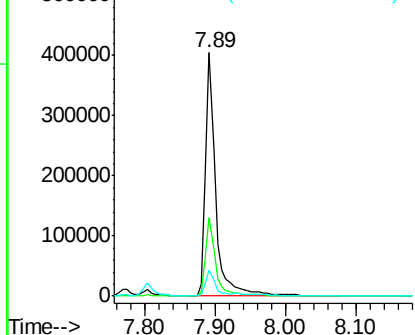


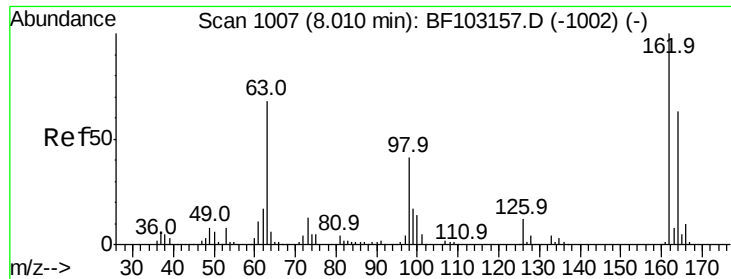
#28
bis(2-Chloroethoxy)methane
Concen: 38.315 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion: 93 Resp: 400437
Ion Ratio Lower Upper
93 100
95 32.5 26.3 39.5
123 10.9 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

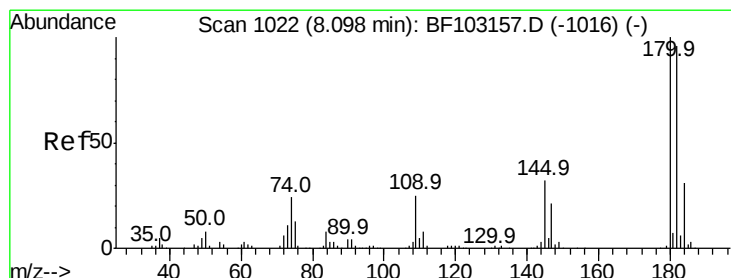
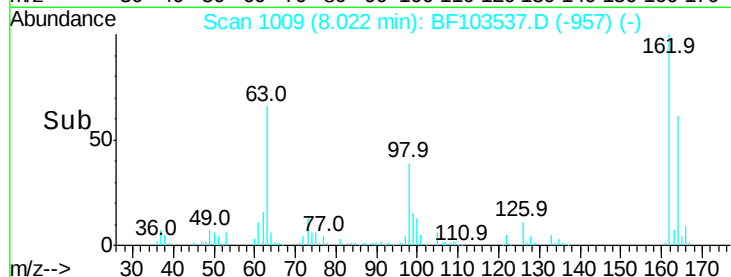
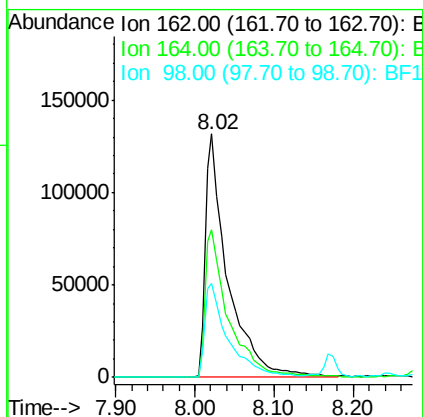
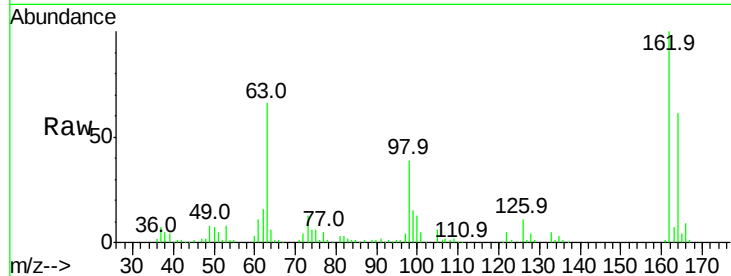




#29
 2,4-Dichlorophenol
 Concen: 37.668 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

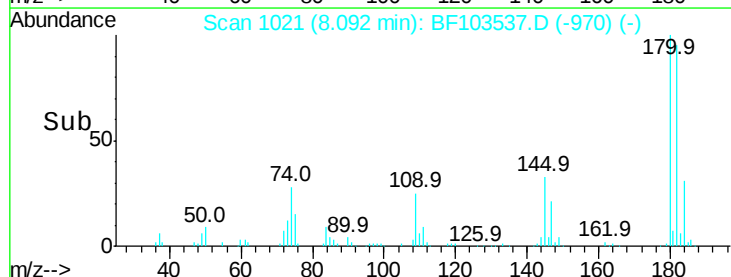
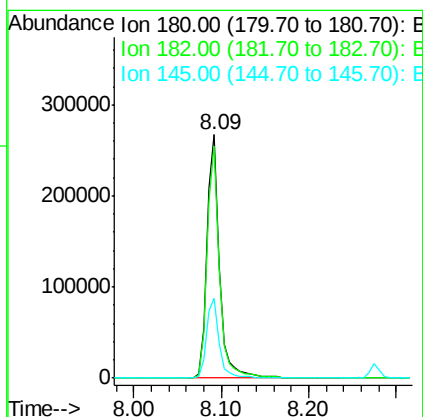
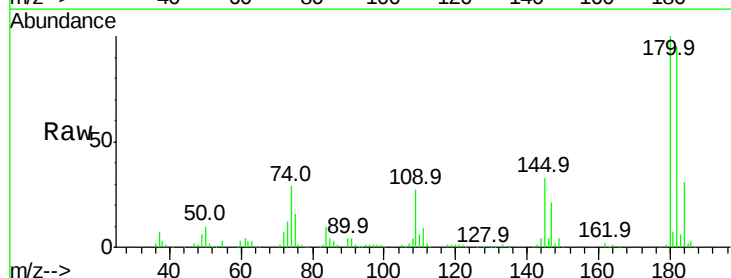
Instrument :
 BNA_F
 ClientSampleId :

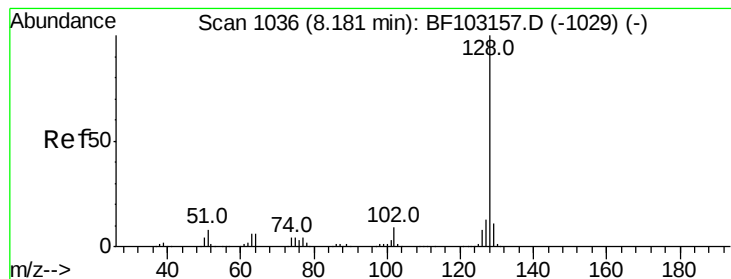
Tot Ion:162 Resp: 257871
 Ion Ratio Lower Upper
 162 100
 164 60.6 42.7 82.7
 98 38.6 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.682 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Tgt Ion:180 Resp: 267422
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.8 115.2
 145 32.8 26.5 39.7





#31

Naphthalene

Concen: 36.478 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampled :

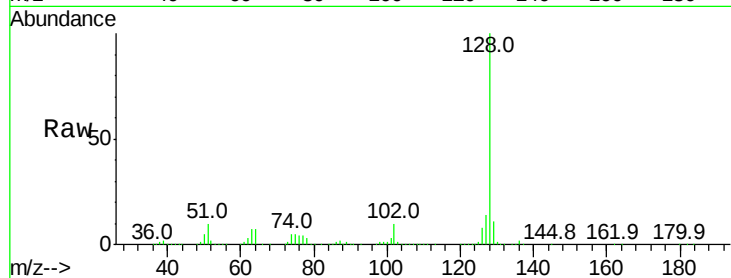
Tot Ion:128 Resp: 920497

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

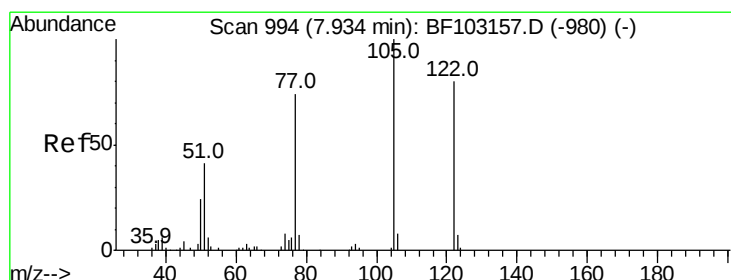
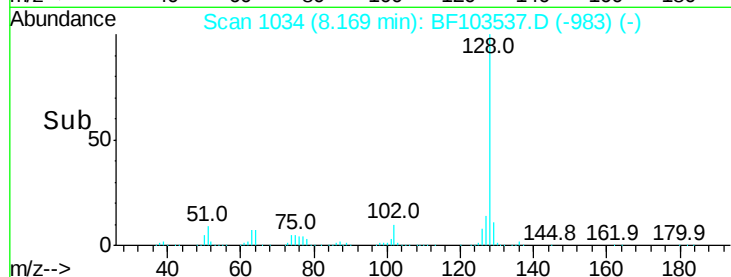
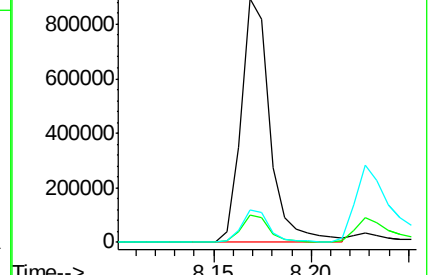
127 13.6 10.9 16.3



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: 24.631 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.03 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

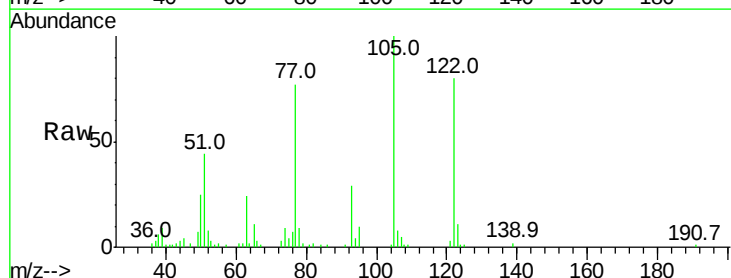
Tgt Ion:122 Resp: 109802

Ion Ratio Lower Upper

122 100

105 125.7 101.1 141.1

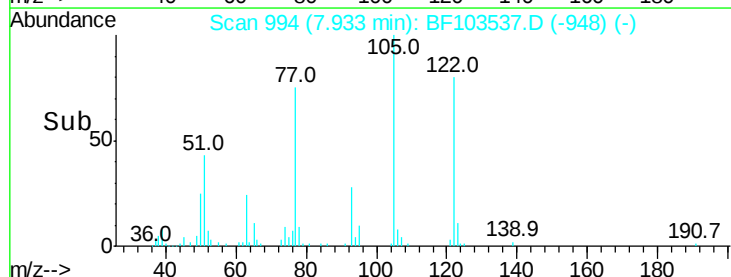
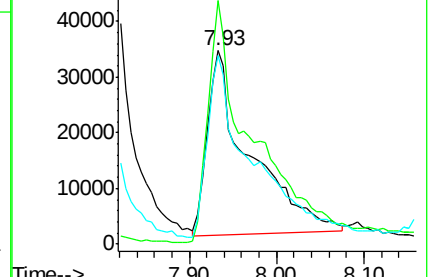
77 97.1 70.7 110.7

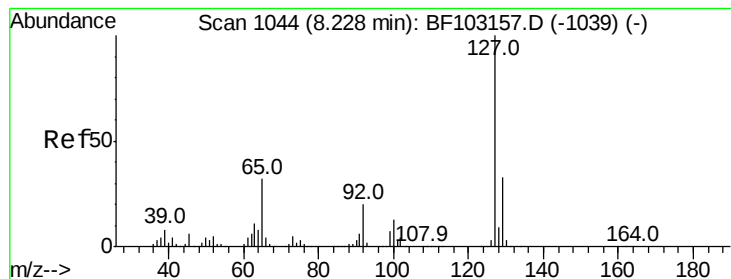


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

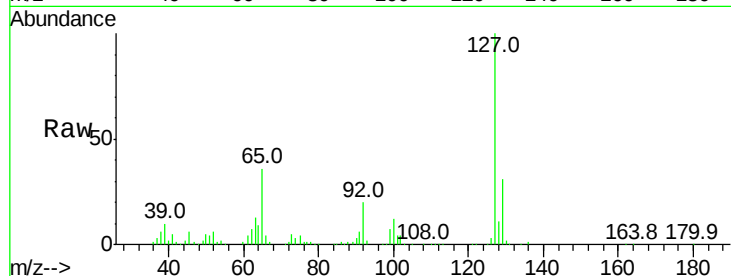




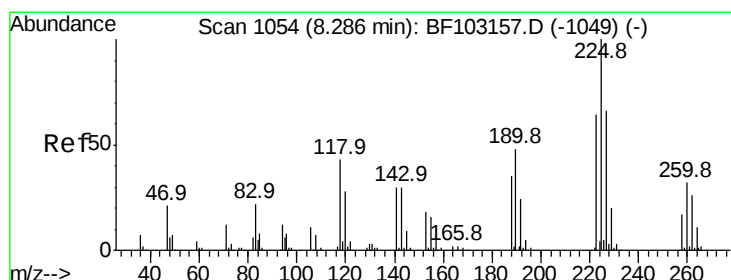
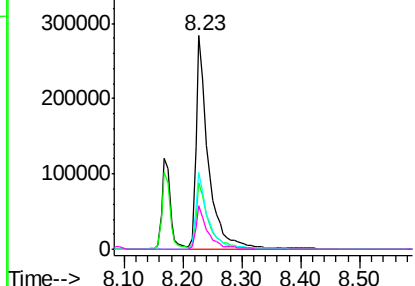
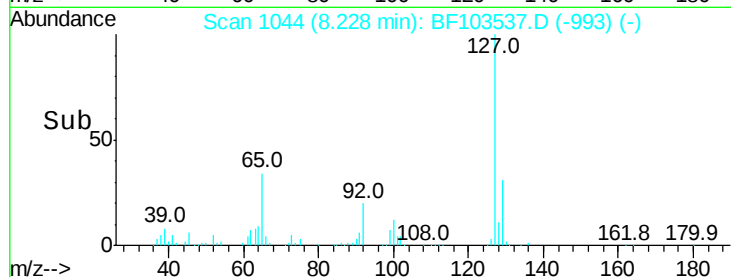
#33
 4-Chloroaniline
 Concen: 37.611 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	409554
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.9	38.9
65	35.8	25.0	37.4
92	20.3	15.2	22.8

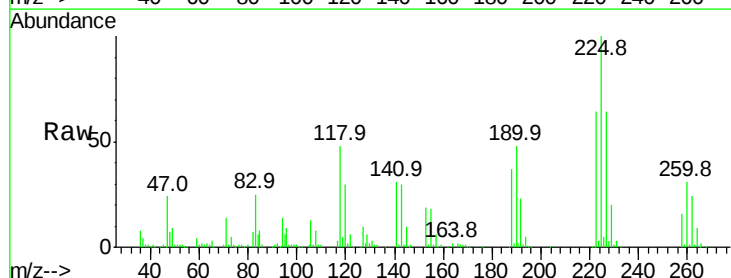


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

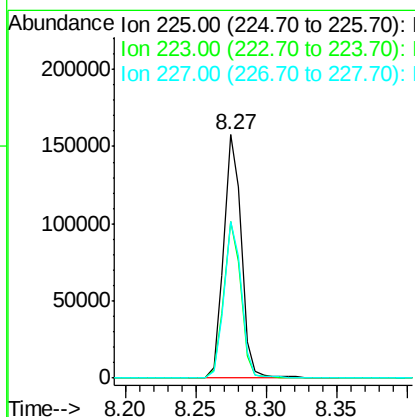
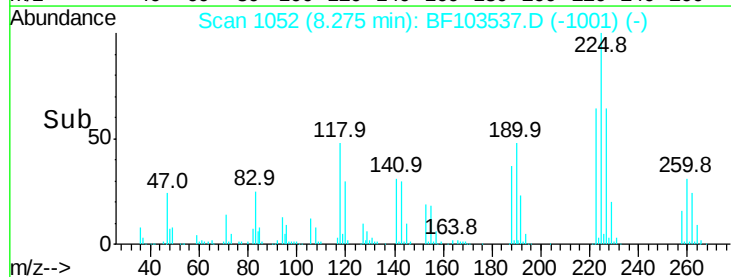


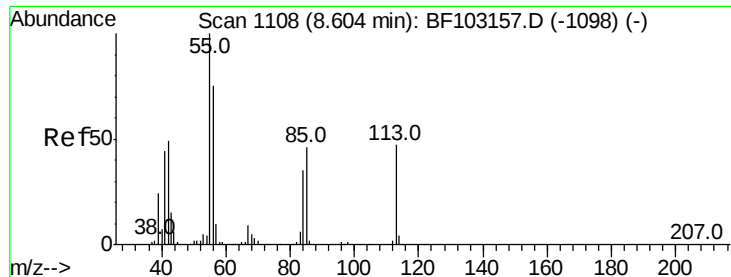
#34
 Hexachlorobutadiene
 Concen: 36.297 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Tgt Ion:	225	Resp:	137796
Ion	Ratio	Lower	Upper
225	100		
223	64.4	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: 33.513 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampled :

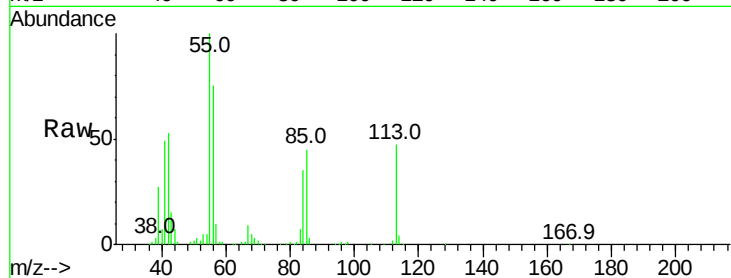
Tot Ion:113 Resp: 80634

Ion Ratio Lower Upper

113 100

55 212.6 163.3 203.3#

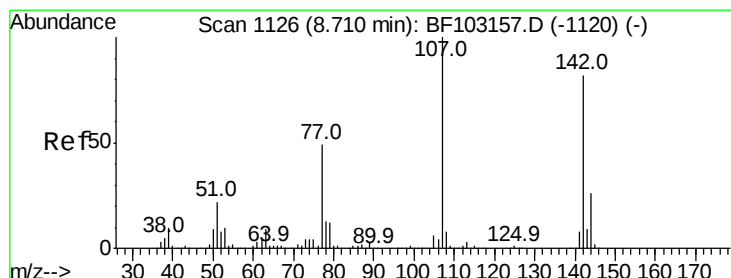
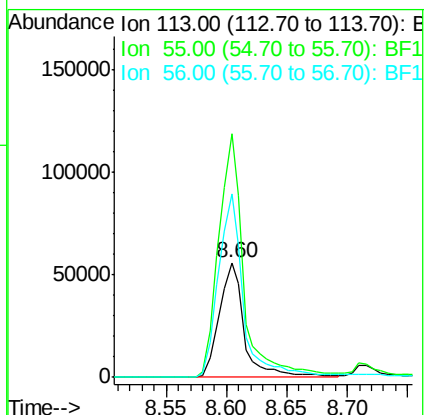
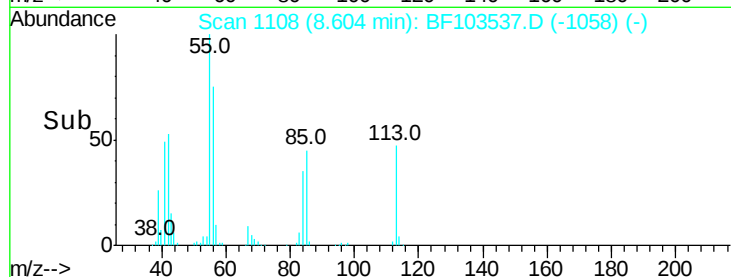
56 160.3 115.7 155.7#



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: 36.506 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

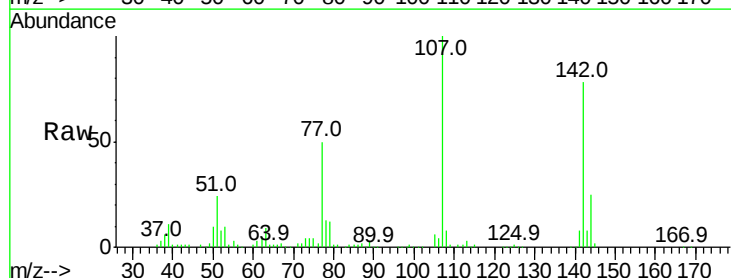
Tgt Ion:107 Resp: 281889

Ion Ratio Lower Upper

107 100

144 24.6 20.5 30.7

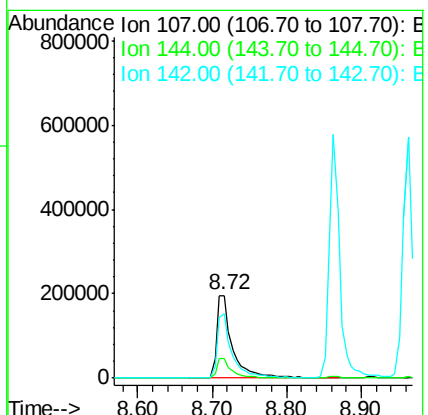
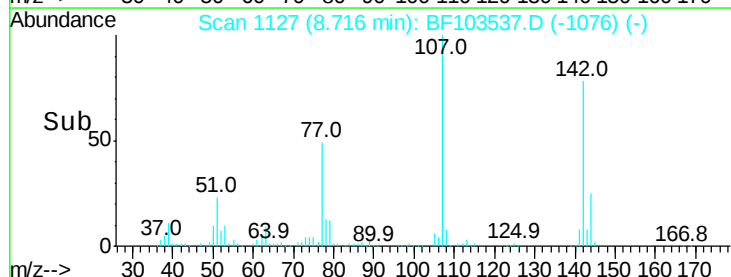
142 77.9 62.0 93.0

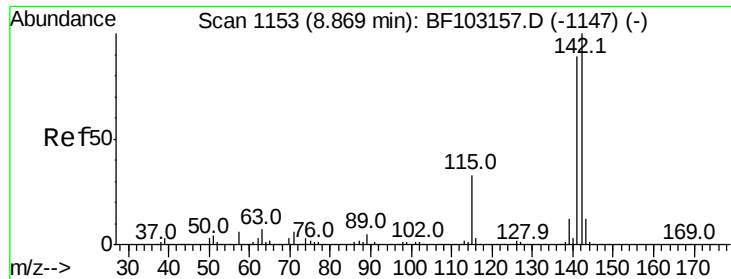


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

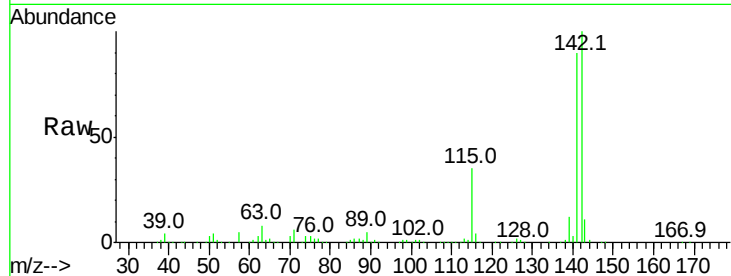




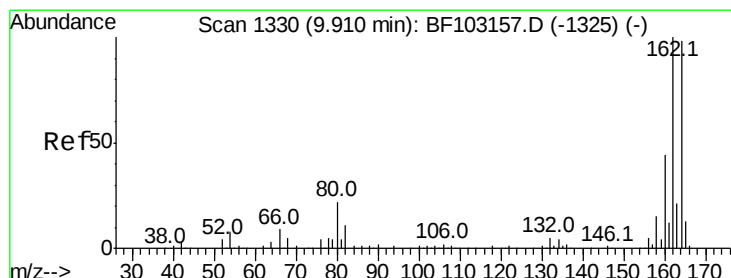
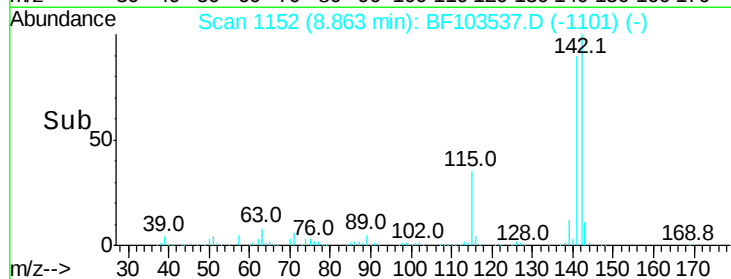
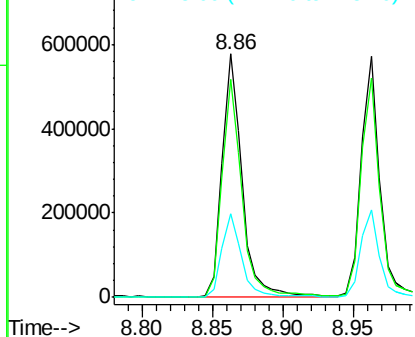
#37
2-Methylnaphthalene
Concen: 35.050 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	34.5	26.1	39.1

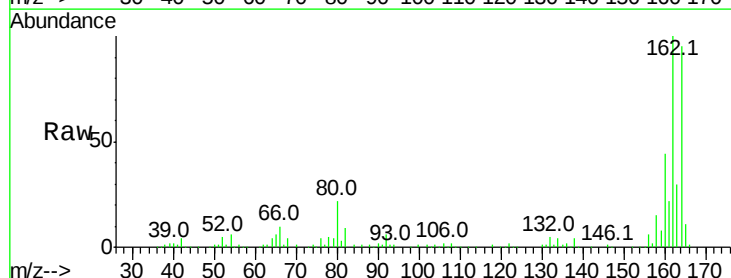


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

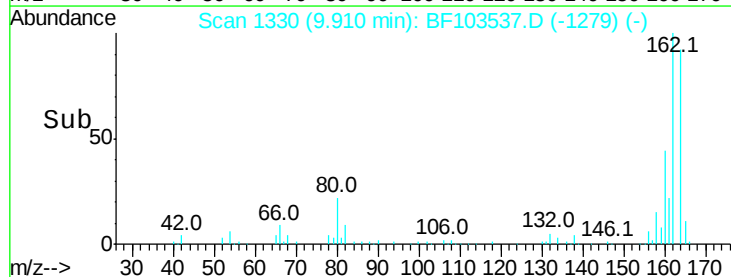
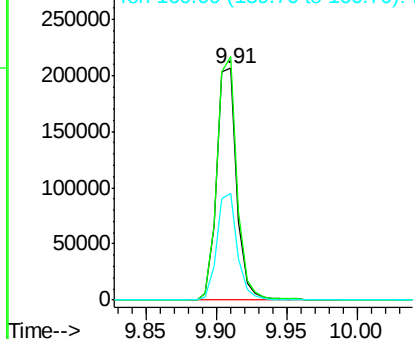


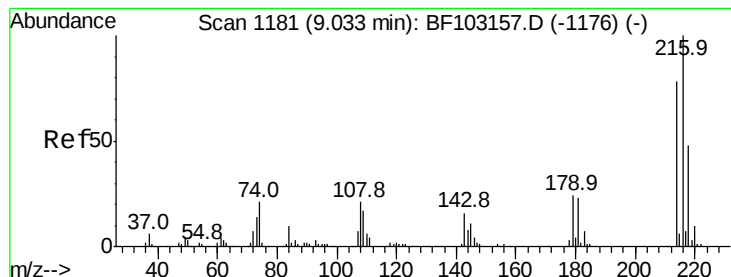
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	46.1	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.879 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 224416

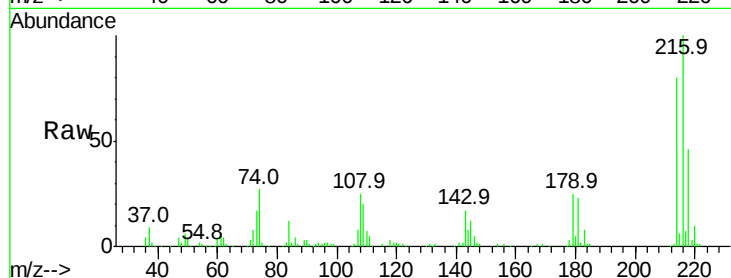
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 23.6 18.1 27.1

108 22.7 17.2 25.8

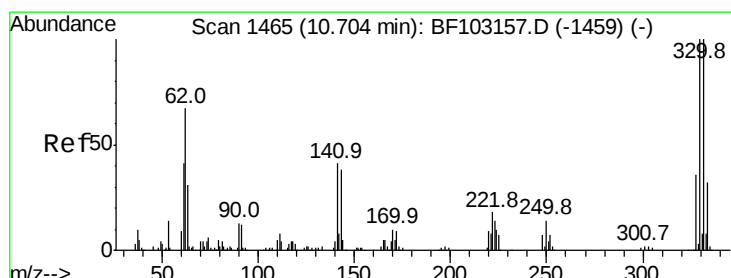
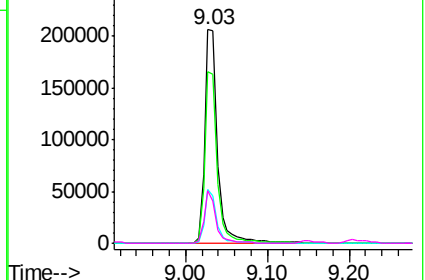
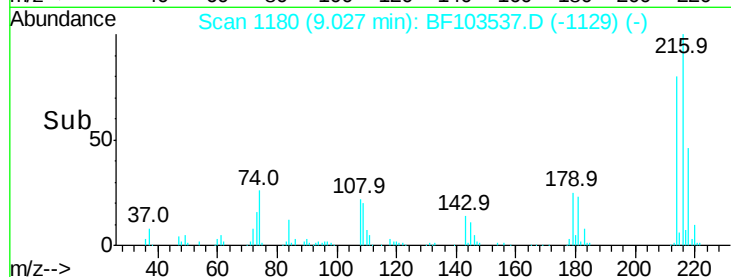


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 56.679 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

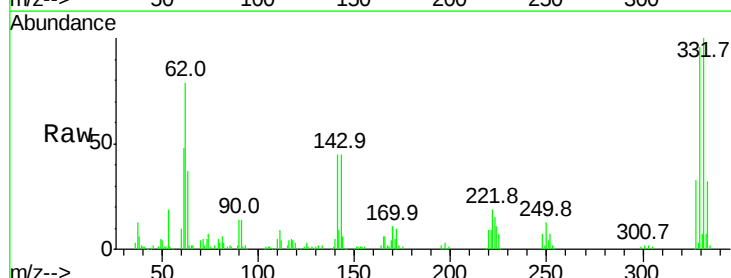
Tgt Ion:330 Resp: 98756

Ion Ratio Lower Upper

330 100

332 107.7 77.0 115.6

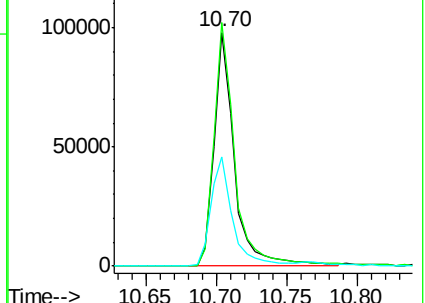
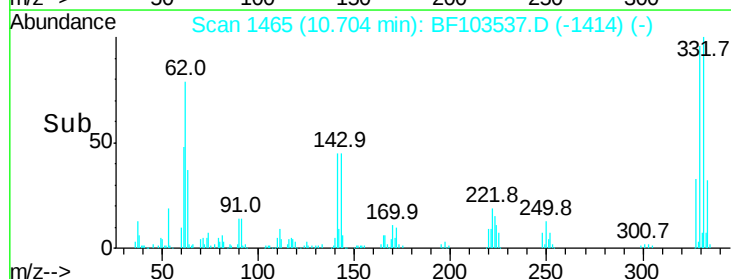
141 49.8 29.9 44.9#

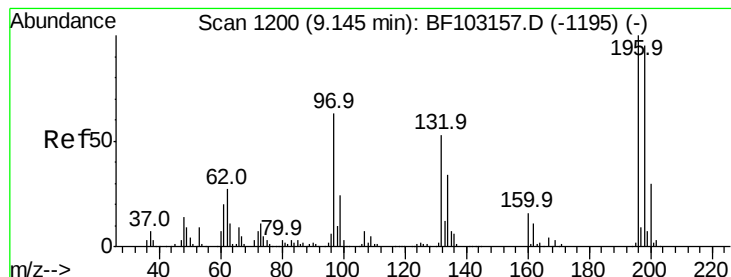


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 36.396 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

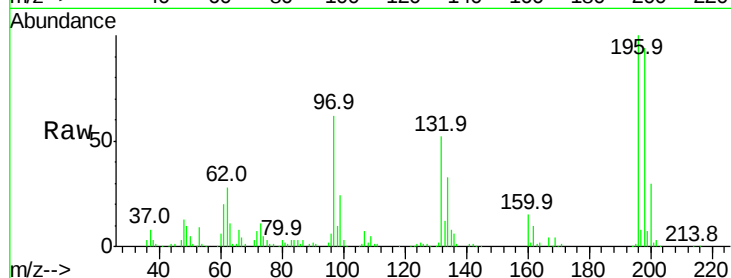
Tot Ion:196 Resp: 137817

Ion Ratio Lower Upper

196 100

198 93.8 75.7 113.5

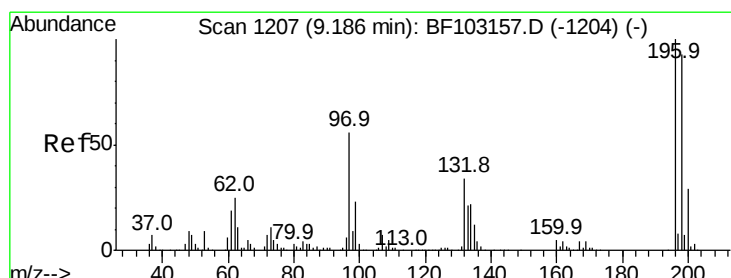
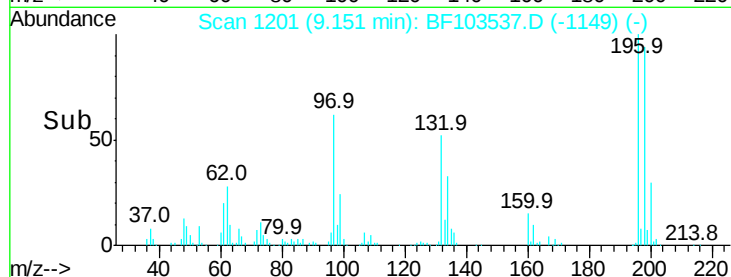
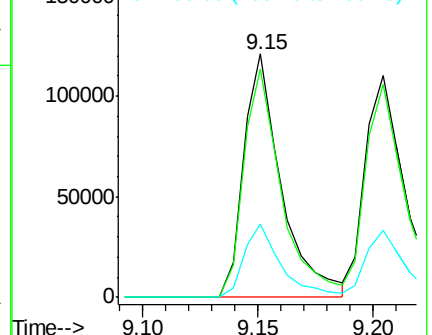
200 30.3 24.5 36.7



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: 35.660 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Tgt Ion:196 Resp: 155301

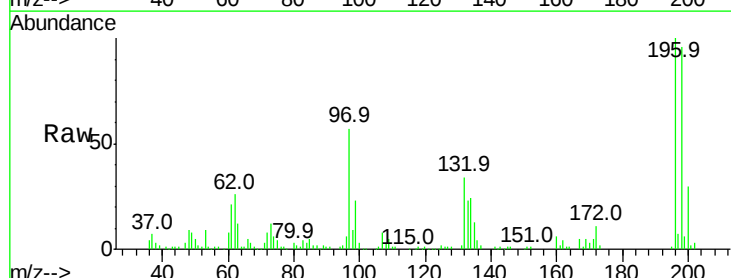
Ion Ratio Lower Upper

196 100

198 95.7 74.6 112.0

97 57.1 42.9 64.3

132 33.7 26.3 39.5

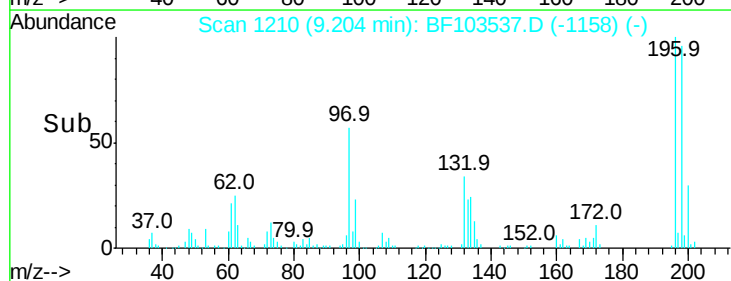
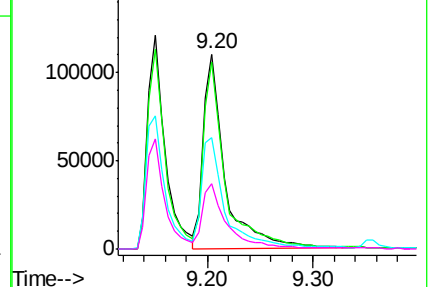


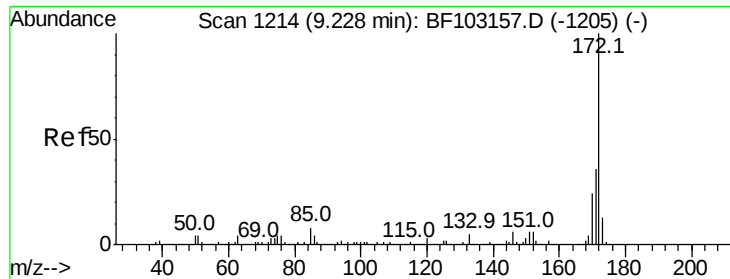
Abundance Ion 196.00 (195.70 to 196.70): E

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

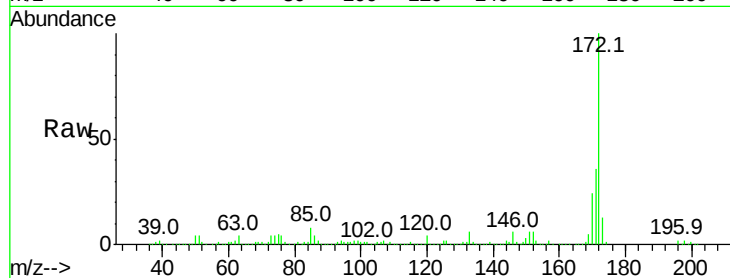




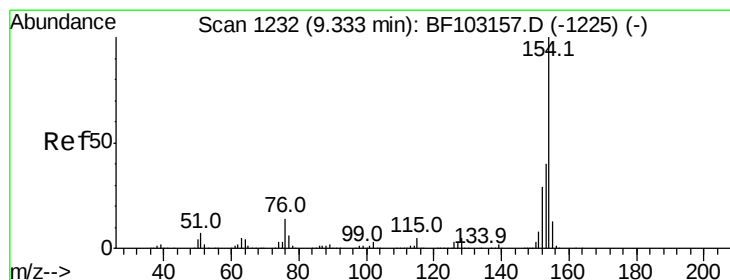
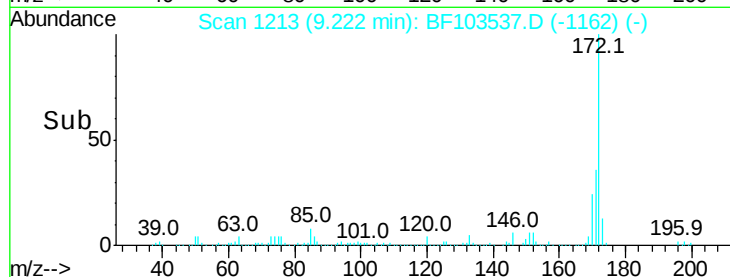
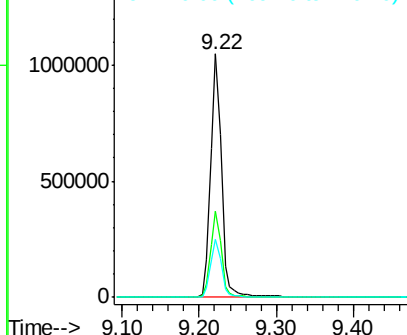
#44
2-Fluorobiphenyl
Concen: 85.101 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1016779
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.9 19.6 29.4

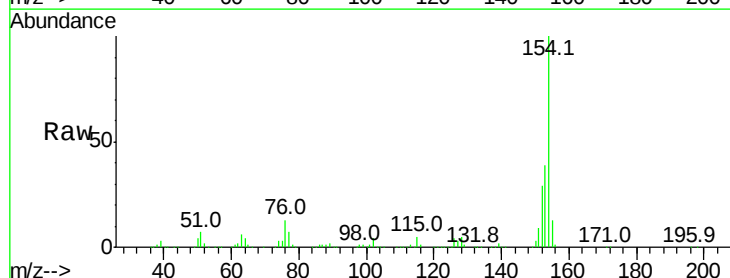


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

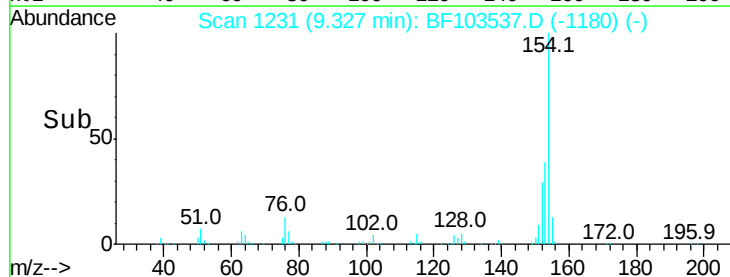
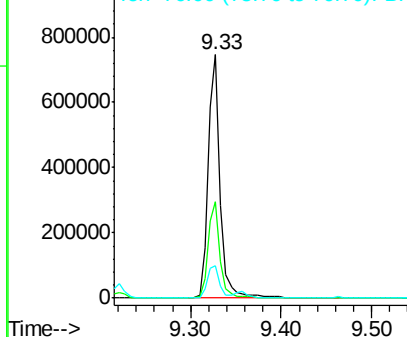


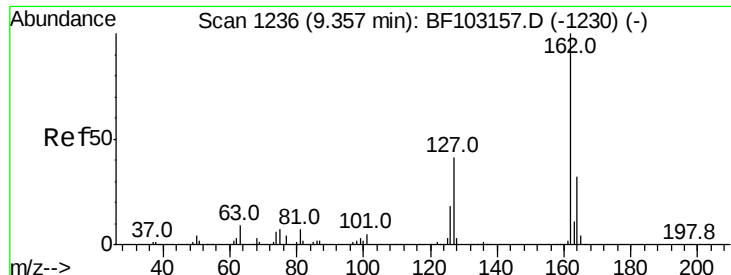
#45
1,1'-Biphenyl
Concen: 40.402 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion:154 Resp: 696885
Ion Ratio Lower Upper
154 100
153 39.4 21.3 61.3
76 13.4 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

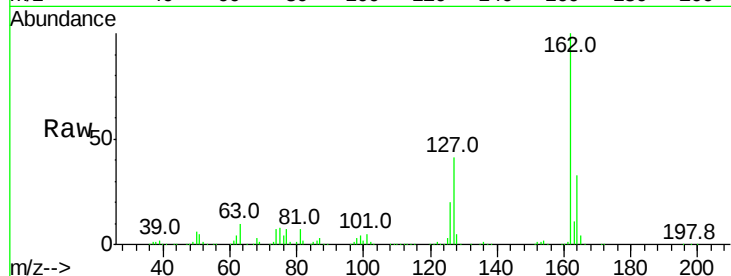




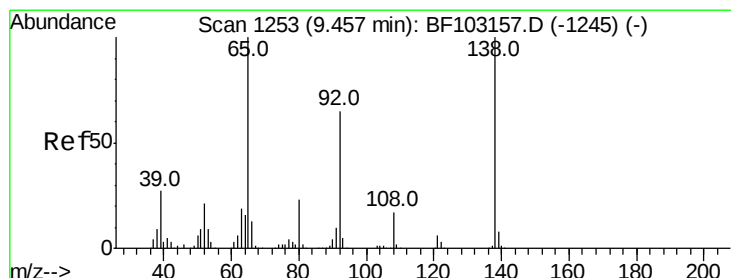
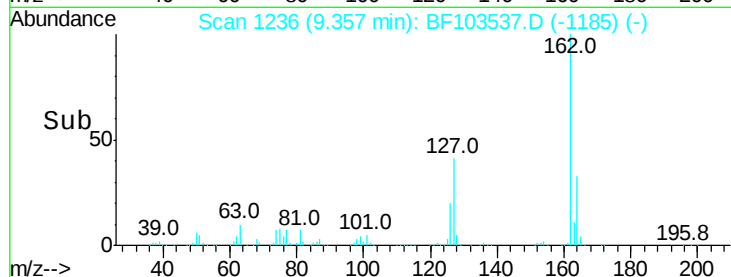
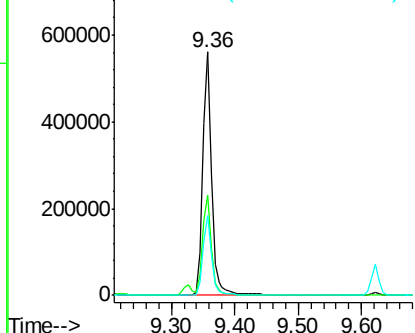
#46
 2-Chloronaphthalene
 Concen: 39.464 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.9	50.9
164	32.7	26.5	39.7

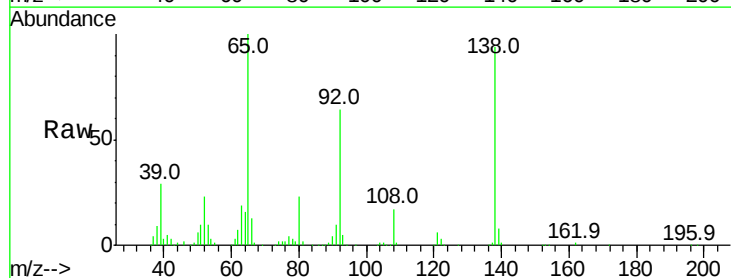


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

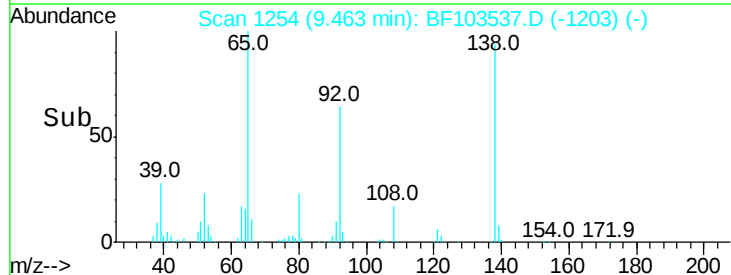
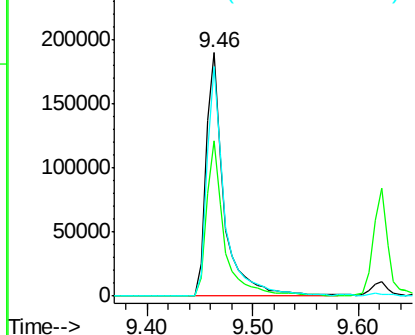


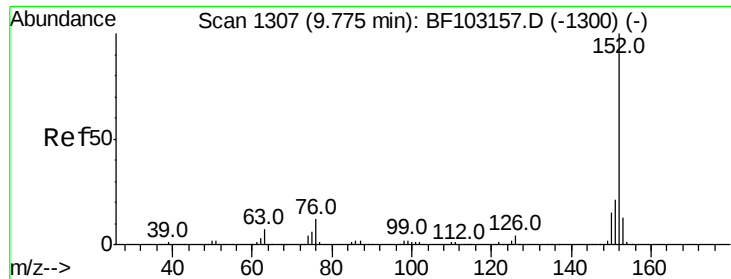
#47
 2-Nitroaniline
 Concen: 44.290 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.9	55.8	83.6
138	94.2	91.2	136.8



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





#48

Acenaphthylene

Concen: 36.649 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampled :

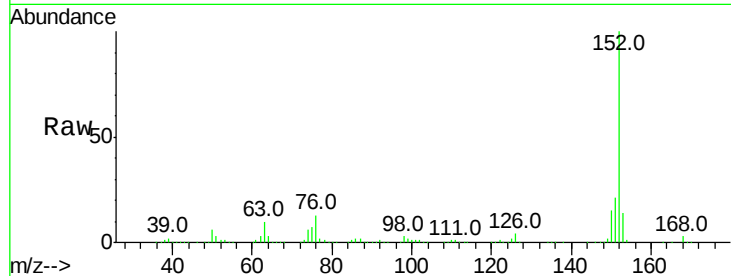
Tot Ion:152 Resp: 769490

Ion Ratio Lower Upper

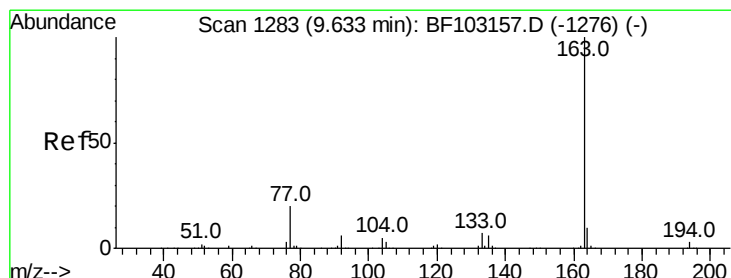
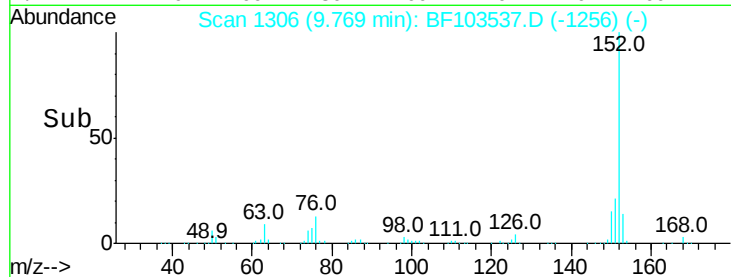
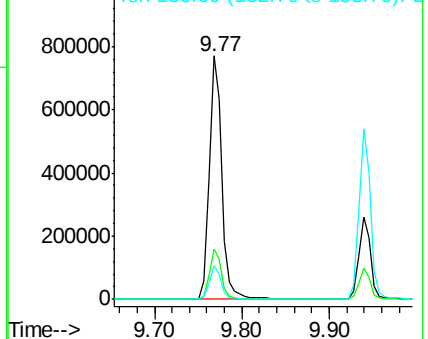
152 100

151 20.7 16.3 24.5

153 13.7 10.7 16.1



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



#49

Dimethylphthalate

Concen: 36.129 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

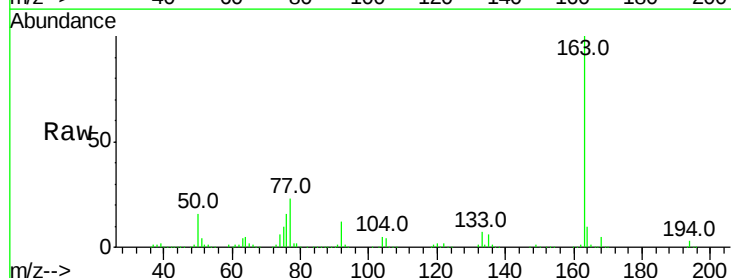
Tgt Ion:163 Resp: 596604

Ion Ratio Lower Upper

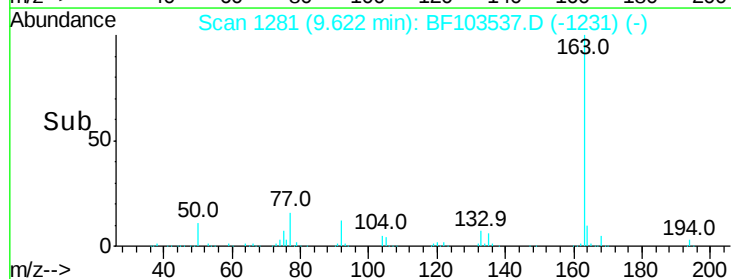
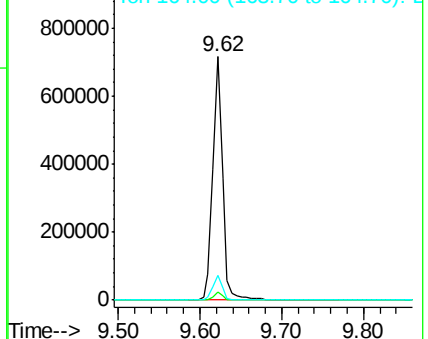
163 100

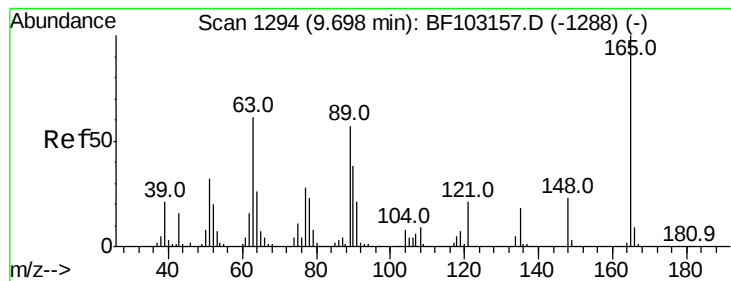
194 3.3 2.7 4.1

164 10.2 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: 32.908 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampled :

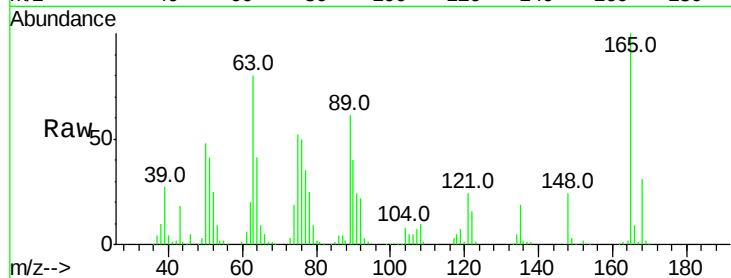
Tot Ion:165 Resp: 114040

Ion Ratio Lower Upper

165 100

63 80.1 44.7 67.1#

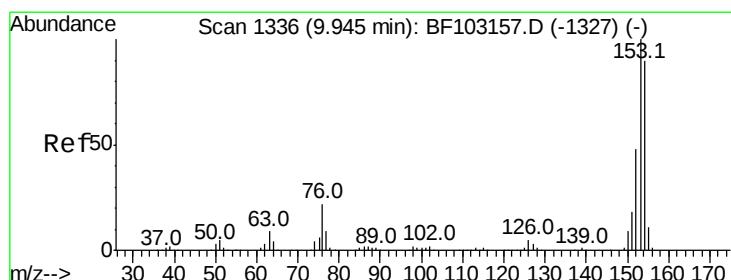
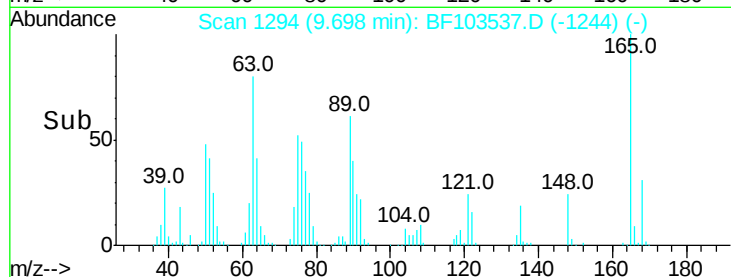
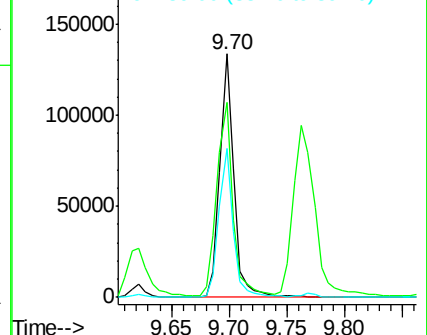
89 61.0 44.0 66.0



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: 36.195 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

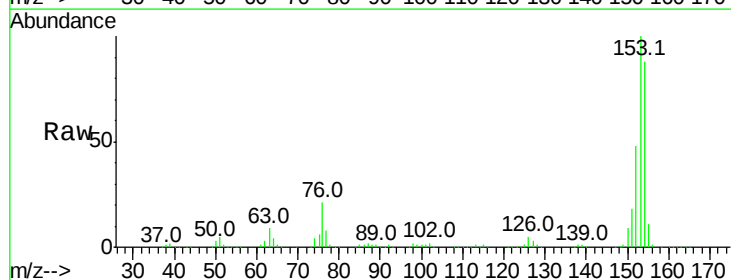
Tgt Ion:154 Resp: 443138

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

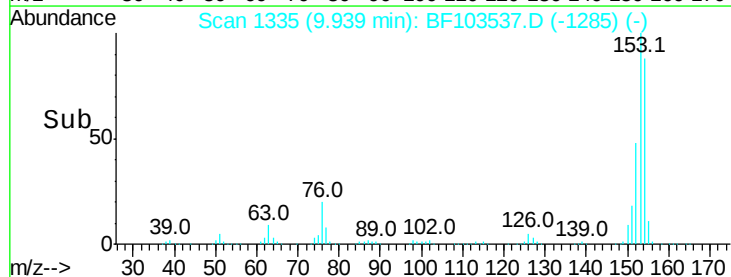
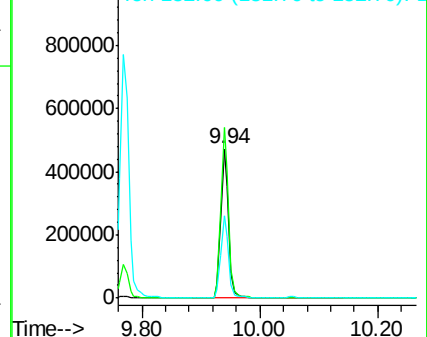
152 55.1 43.8 65.8

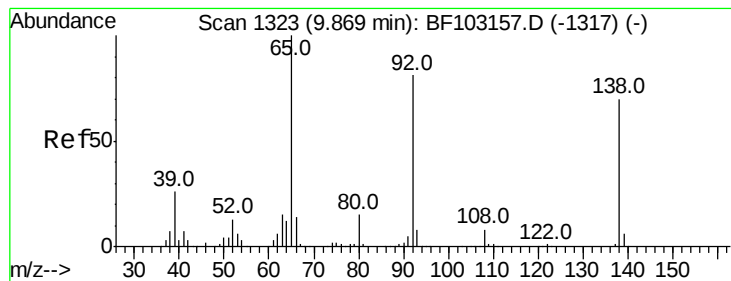


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 39.257 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

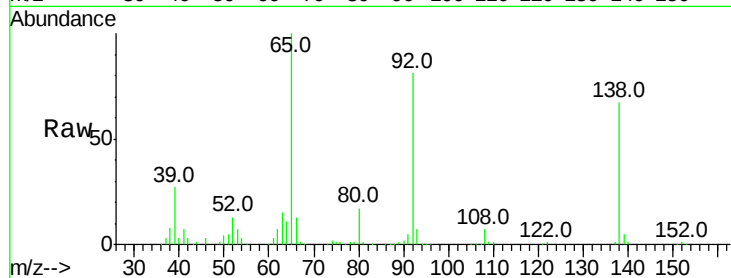
Tot Ion:138 Resp: 172599

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

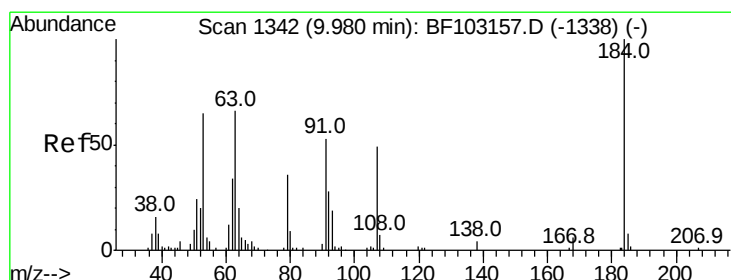
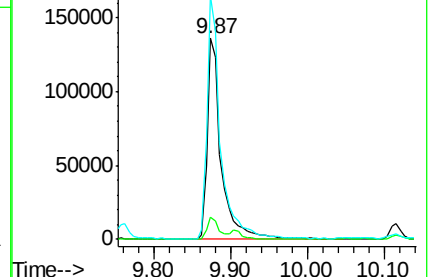
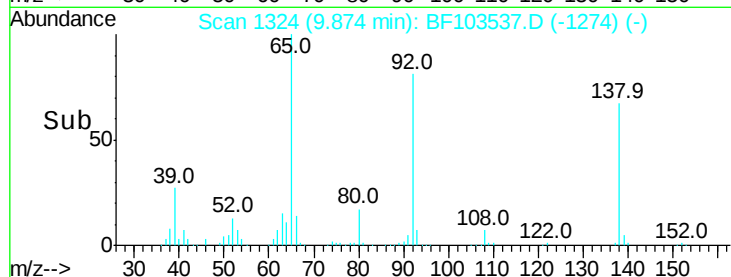
92 121.1 89.4 134.2



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: 9.708 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.06 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

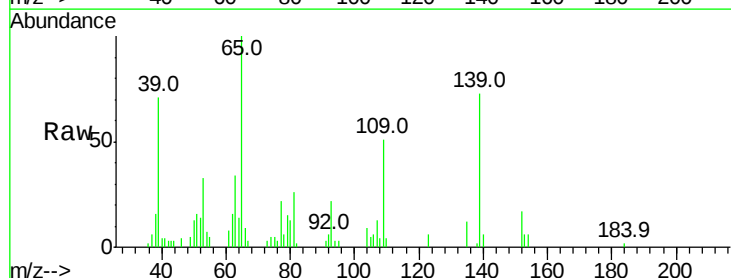
Tgt Ion:184 Resp: 123

Ion Ratio Lower Upper

184 100

63 1553.2 54.2 81.2#

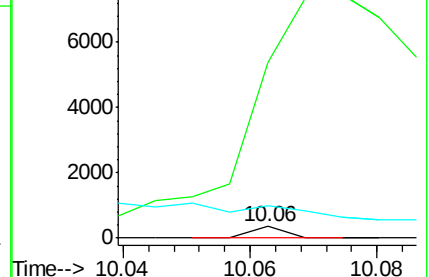
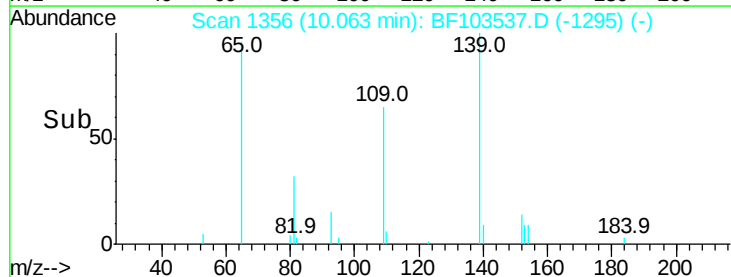
154 283.6 184.0 276.0#

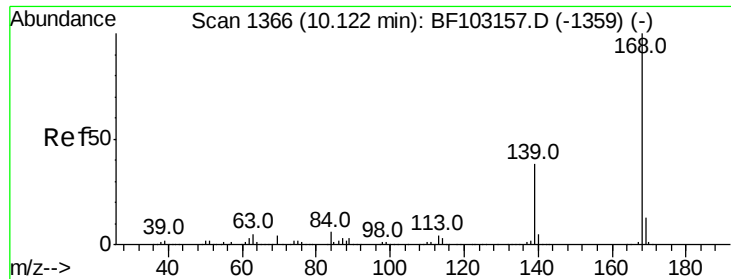


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 36.282 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

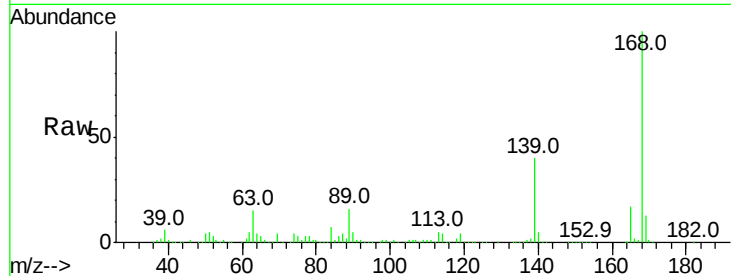
Tot Ion:168 Resp: 609780

Ion Ratio Lower Upper

168 100

139 40.0 30.1 45.1

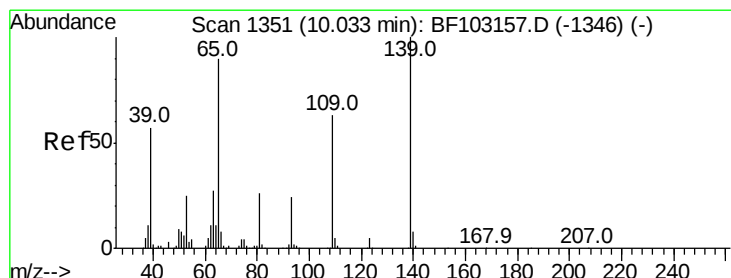
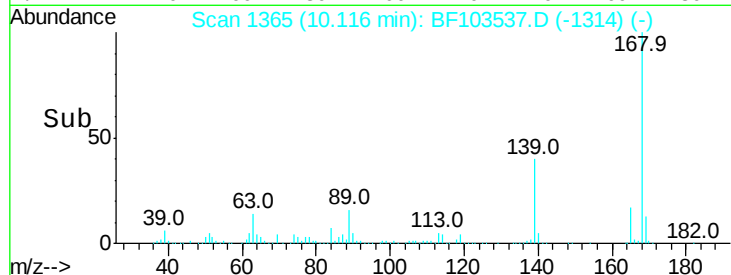
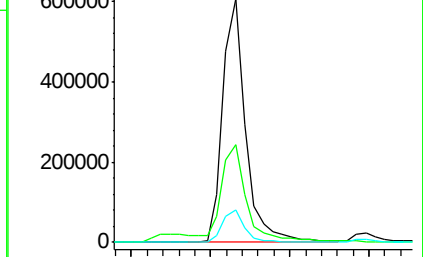
169 13.2 10.9 16.3



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: 13.525 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.02 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

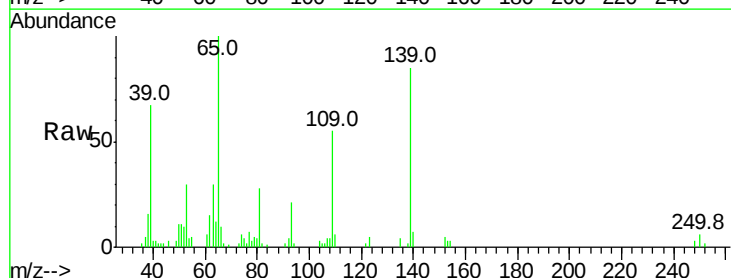
Tgt Ion:139 Resp: 36855

Ion Ratio Lower Upper

139 100

109 65.1 48.4 88.4

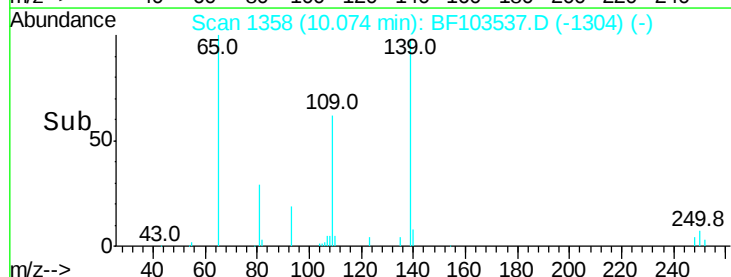
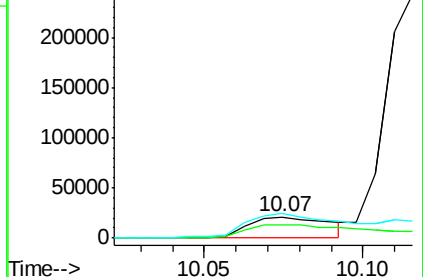
65 117.4 72.6 112.6#

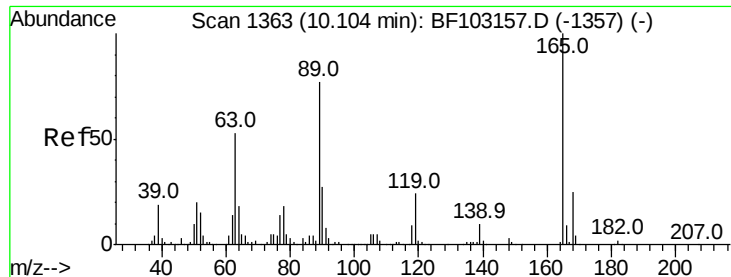


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

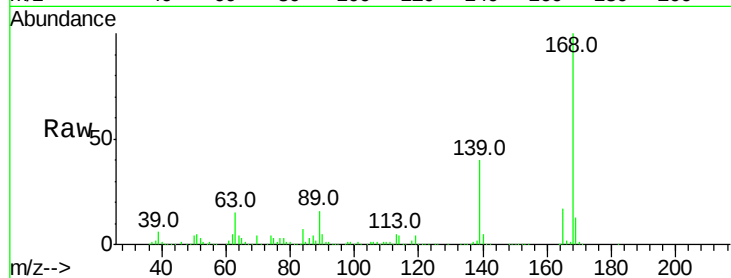




#56
2,4-Dinitrotoluene
Concen: 29.572 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	87.5	36.4	54.6#
89	94.7	57.8	86.6#
182	2.3	1.6	2.4



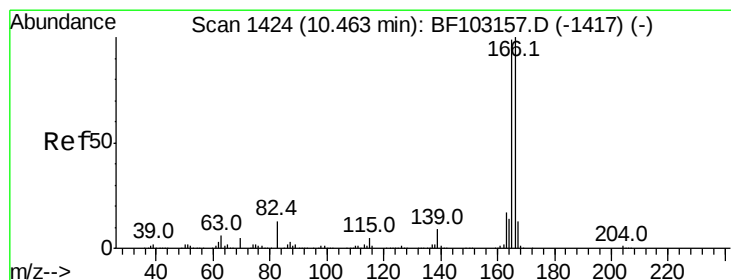
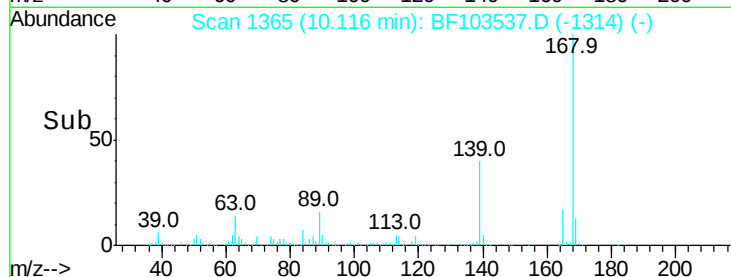
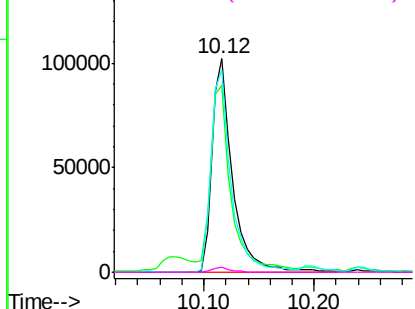
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

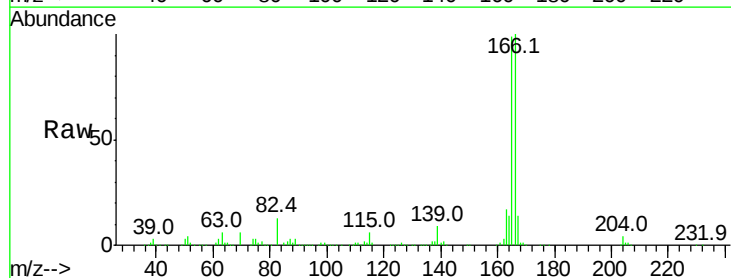
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 34.208 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.8
167	13.9	10.6	16.0

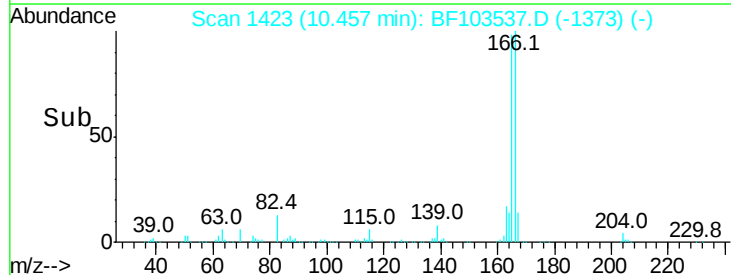
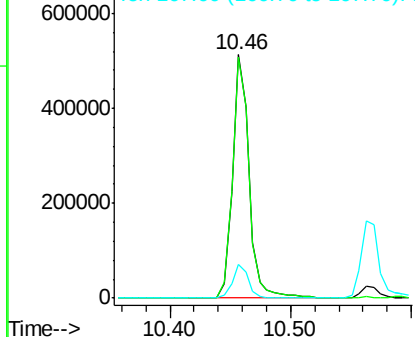


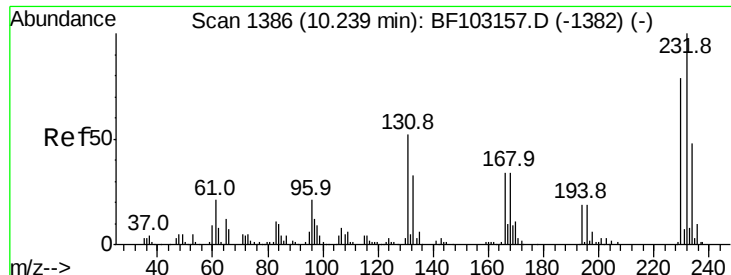
Abundance

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

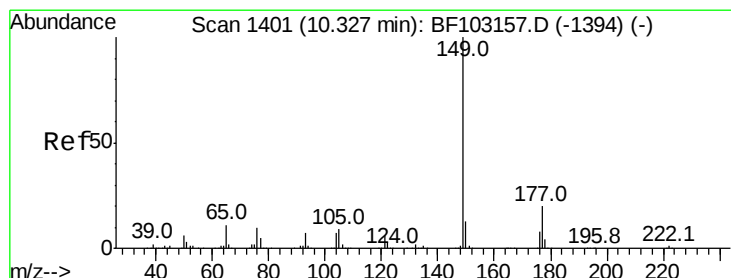
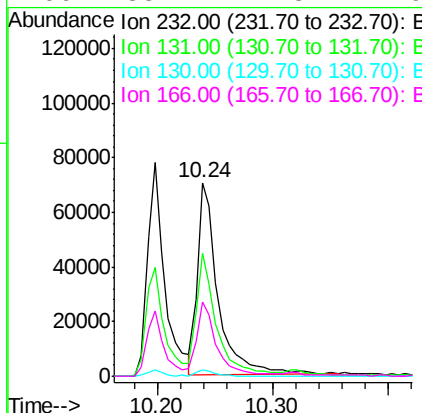
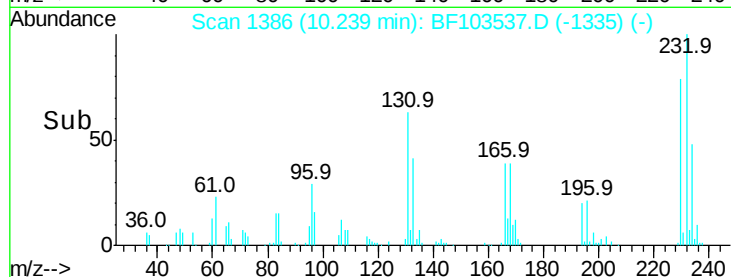
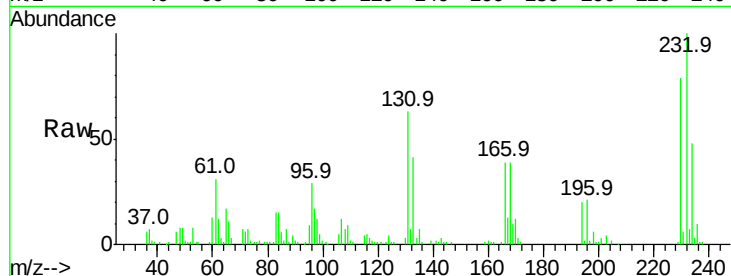




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.357 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

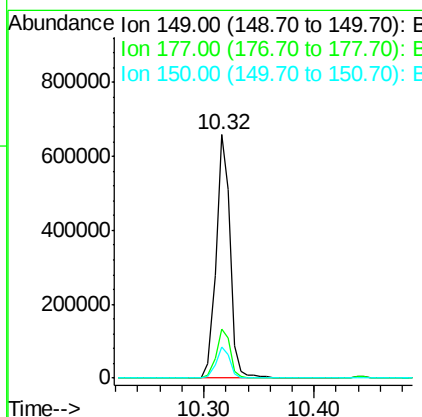
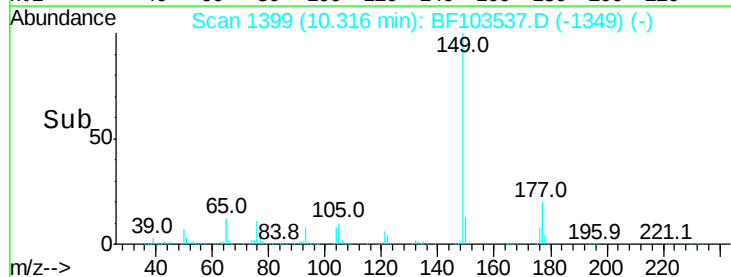
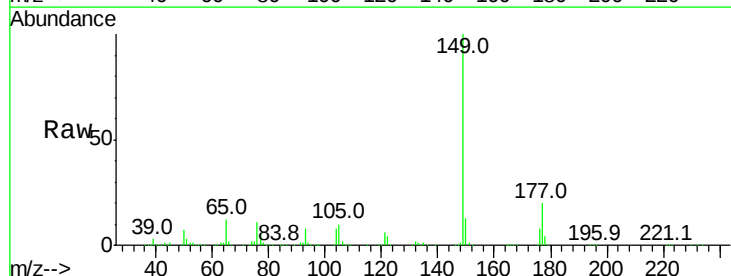
Instrument :
 BNA_F
 ClientSampled :

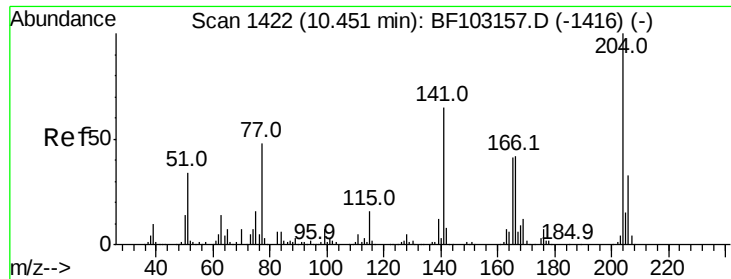
Tot Ion:232 Resp: 88813
 Ion Ratio Lower Upper
 232 100
 131 62.1 43.8 65.8
 130 3.1 2.1 3.1
 166 35.2 27.8 41.6



#59
 Diethylphthalate
 Concen: 36.639 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Tgt Ion:149 Resp: 578660
 Ion Ratio Lower Upper
 149 100
 177 19.9 16.1 24.1
 150 12.6 10.1 15.1

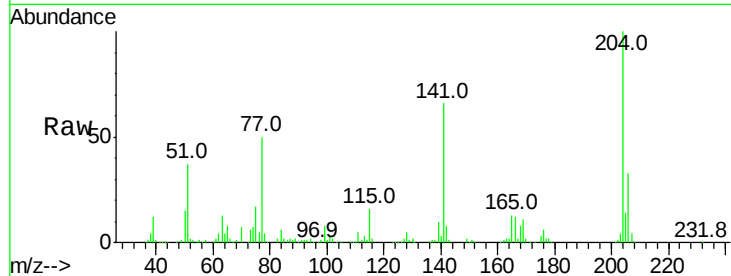




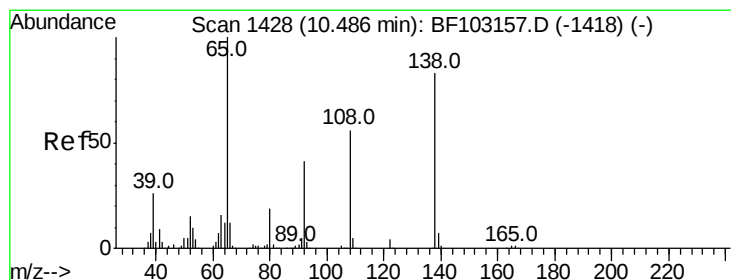
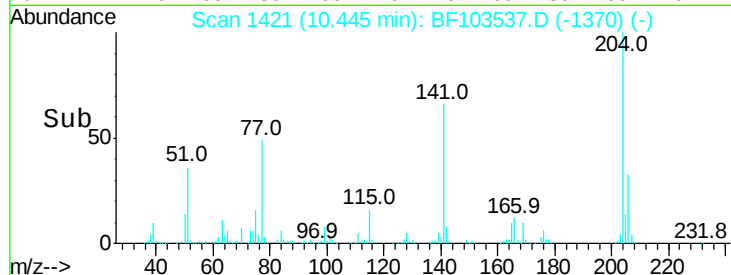
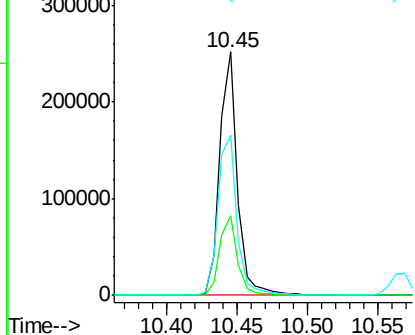
#60
 4-Chlorophenyl-phenylether
 Concen: 36.257 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 220125
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.5 39.7
 141 66.1 54.6 81.8

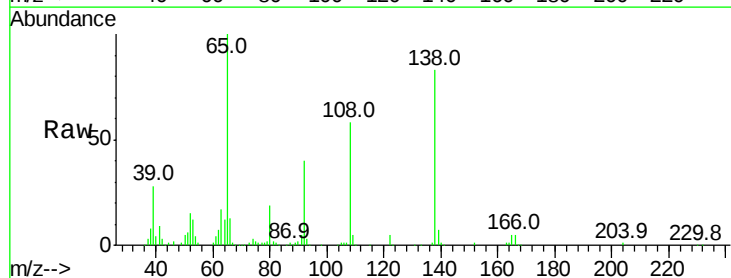


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

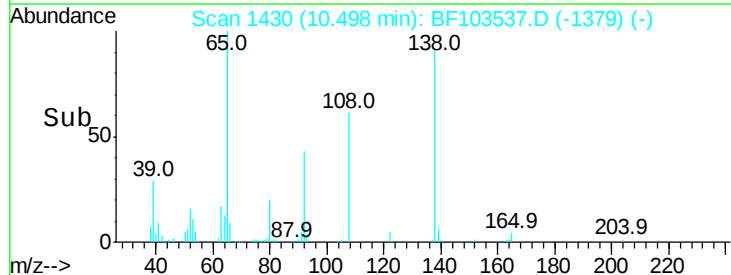
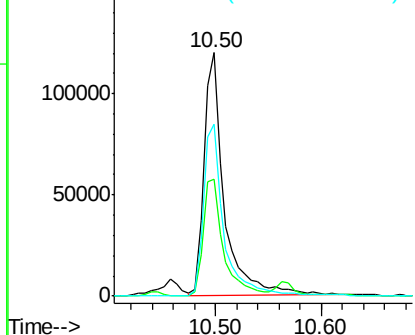


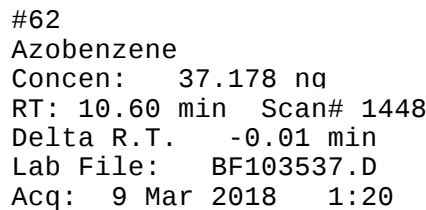
#61
 4-Nitroaniline
 Concen: 35.956 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Tgt Ion:138 Resp: 157897
 Ion Ratio Lower Upper
 138 100
 92 48.2 30.2 70.2
 108 70.5 52.5 92.5



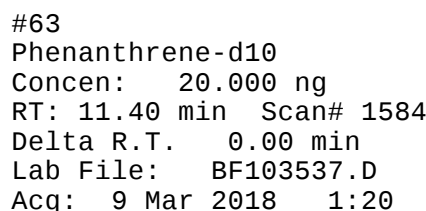
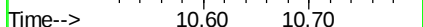
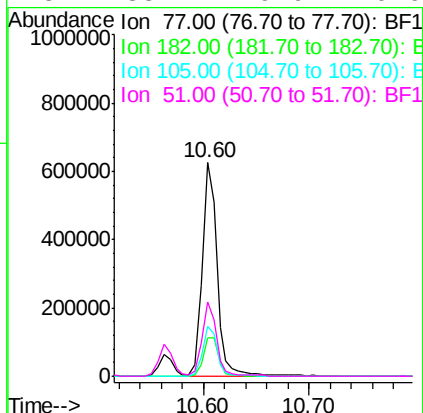
Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E



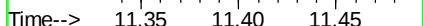
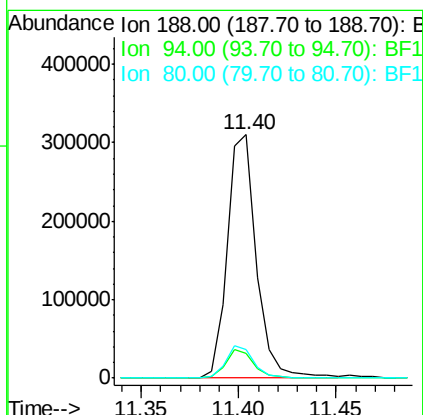


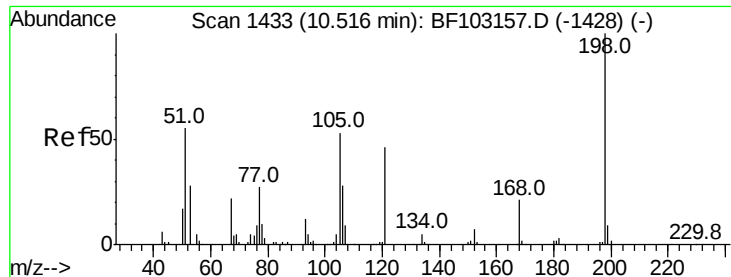
Instrument :
BNA_F
ClientSampleId :

Tat	Ion: 77	Resp:	597676
Ion	Ratio	Lower	Upper
77	100		
182	17.9	1.7	41.7
105	23.4	3.0	43.0
51	35.1	9.9	49.9



Tgt	Ion:188	Resp:	320044
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.6	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 6.129 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampled :

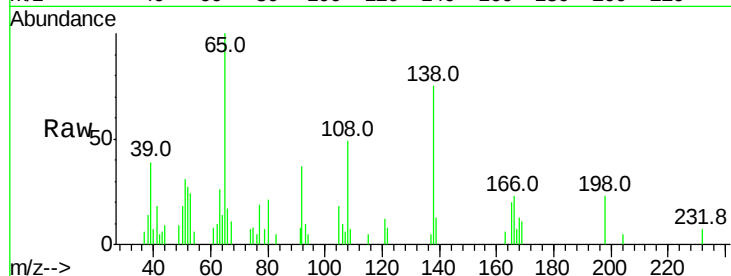
Tot Ion:198 Resp: 2570

Ion Ratio Lower Upper

198 100

51 131.3 37.7 77.7#

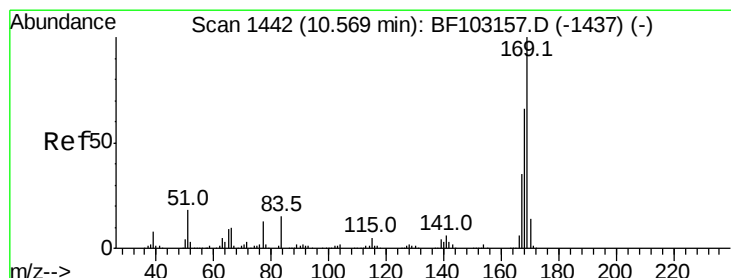
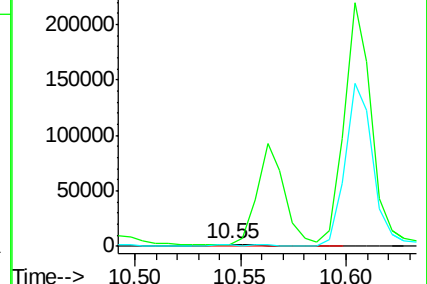
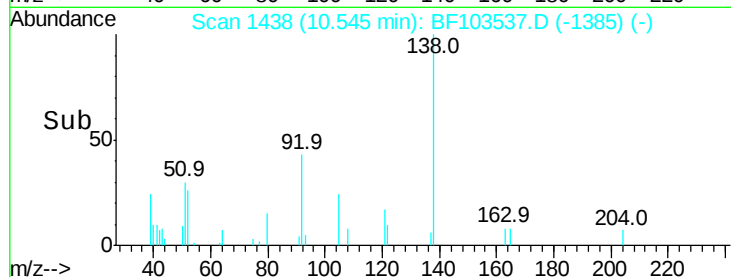
105 77.0 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 39.708 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

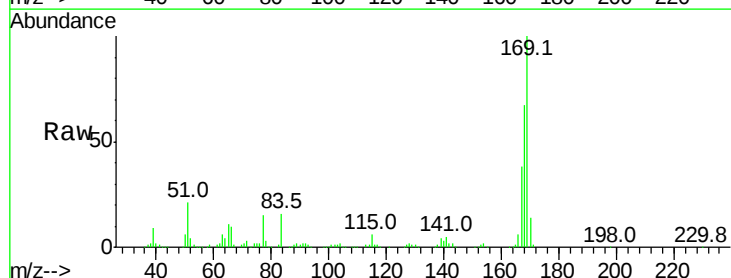
Tgt Ion:169 Resp: 442484

Ion Ratio Lower Upper

169 100

168 67.4 54.4 81.6

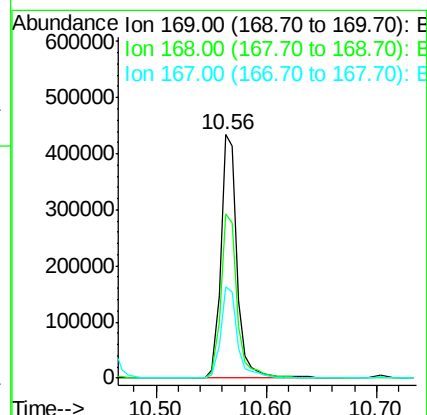
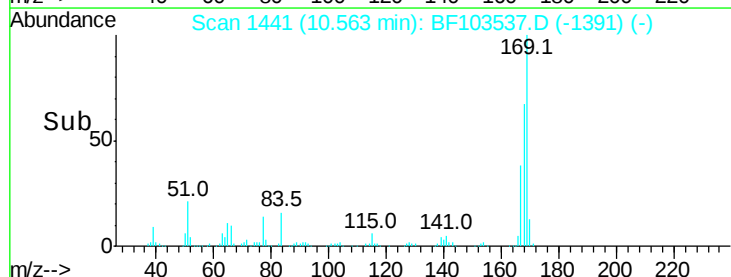
167 37.7 29.8 44.6

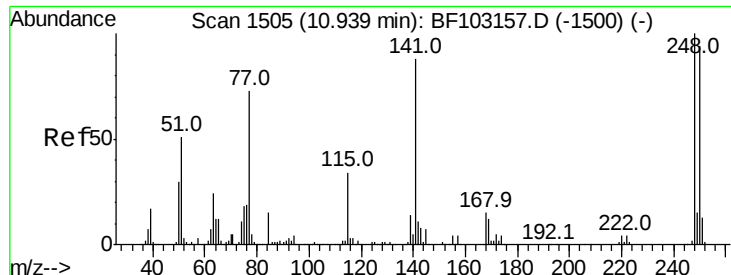


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



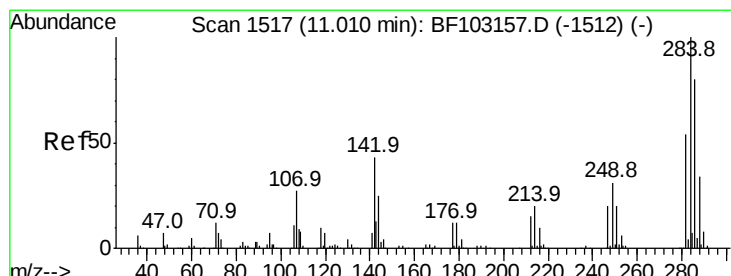
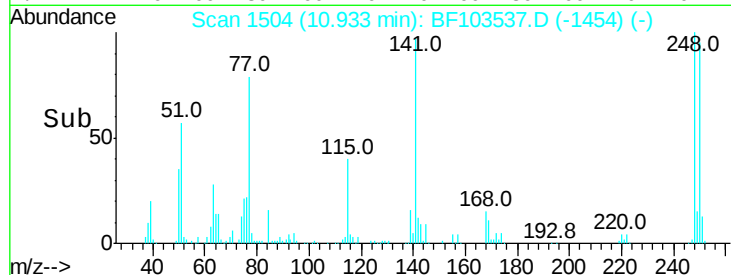
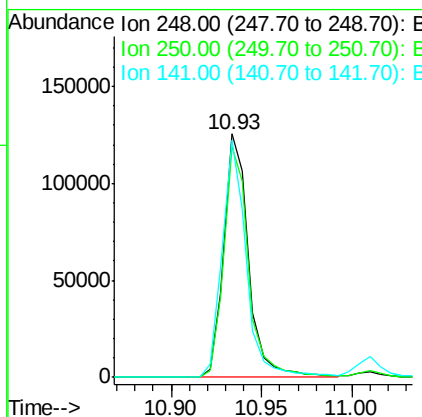
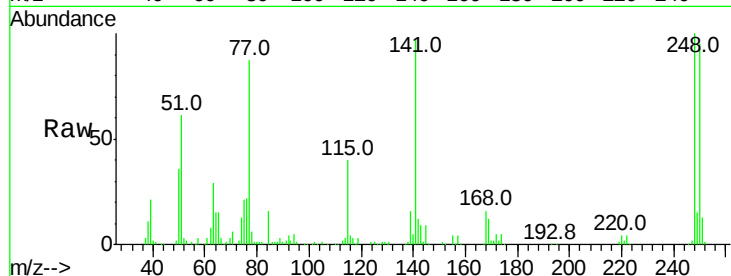


#66
 4-Bromophenyl-phenylether
 Concen: 35.897 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 119677

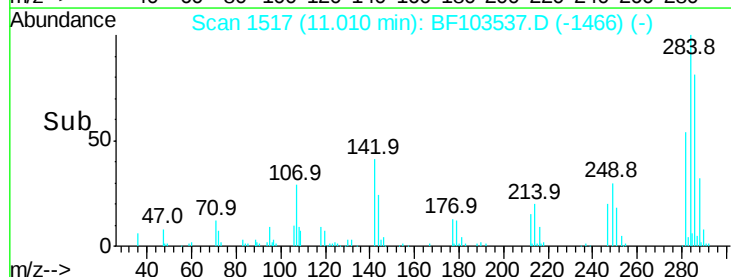
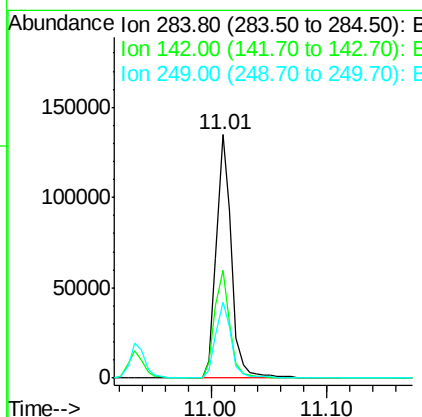
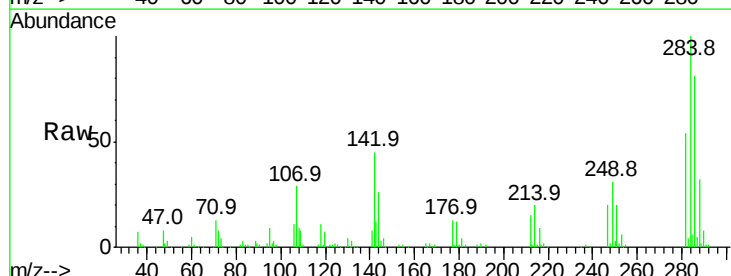
Ion	Ratio	Lower	Upper
248	100		
250	95.0	76.9	115.3
141	97.2	74.4	111.6

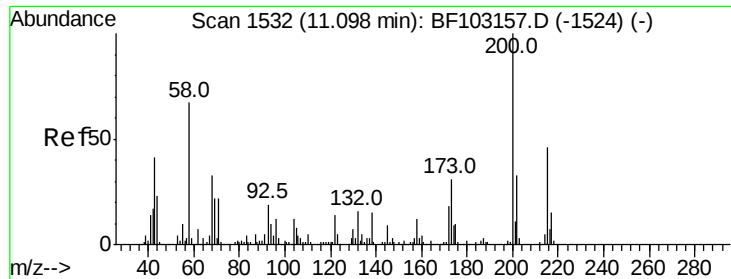


#67
 Hexachlorobenzene
 Concen: 33.849 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. 0.00 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Tgt Ion:284 Resp: 122487

Ion	Ratio	Lower	Upper
284	100		
142	44.6	34.6	52.0
249	31.0	24.8	37.2

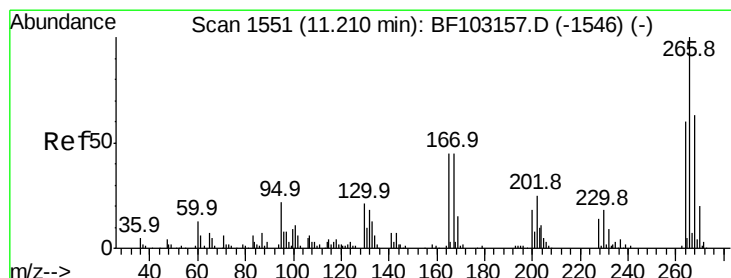
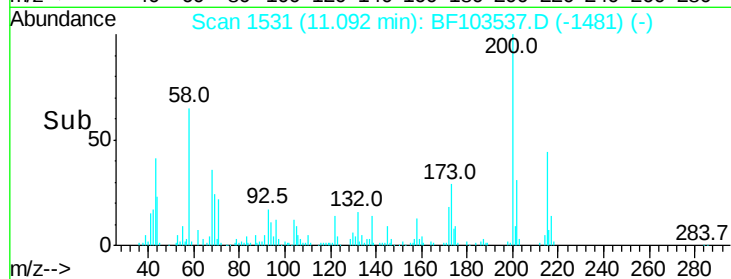
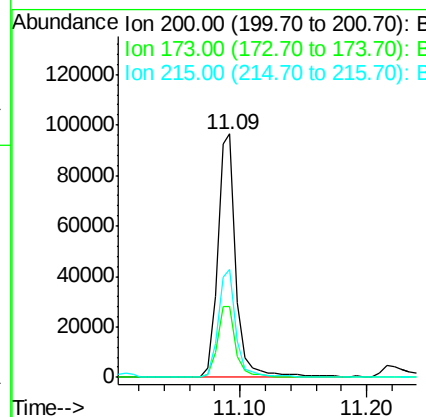
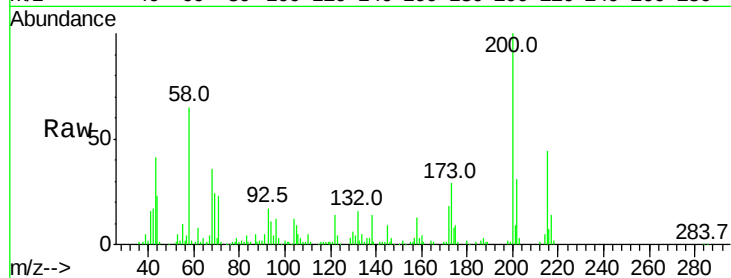




#68
 Atrazine
 Concen: 29.300 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

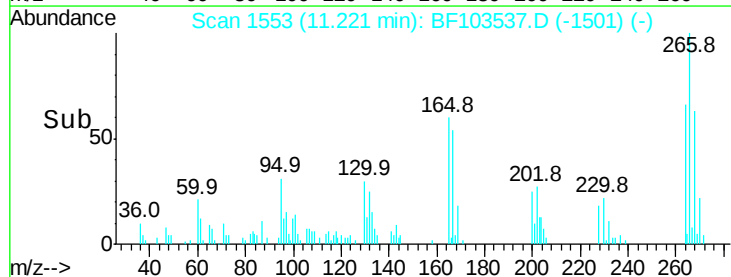
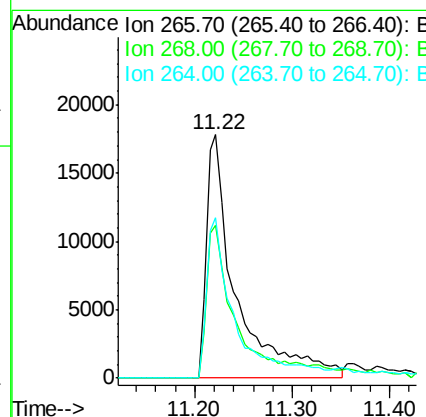
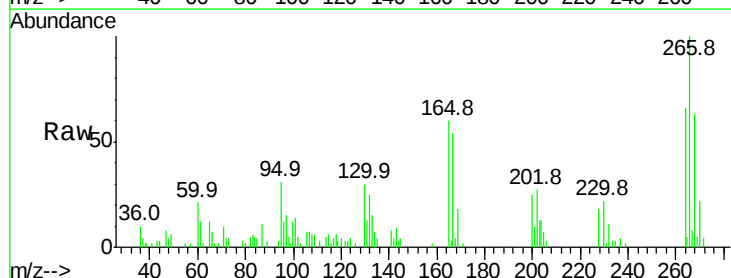
Instrument :
 BNA_F
 ClientSampleId :

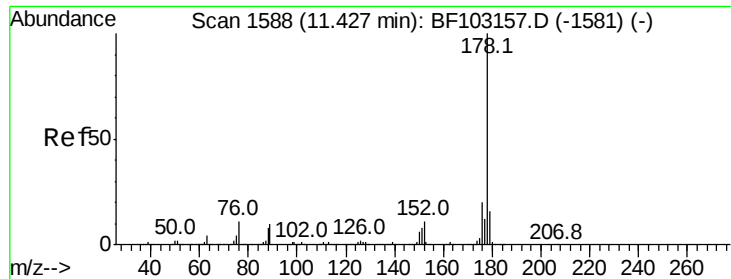
Tot Ion:200 Resp: 98138
 Ion Ratio Lower Upper
 200 100
 173 29.1 8.6 48.6
 215 44.2 25.1 65.1



#69
 Pentachlorophenol
 Concen: 21.437 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.01 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Tgt Ion:266 Resp: 37508
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 65.8 49.5 74.3





#70

Phenanthrene

Concen: 35.320 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

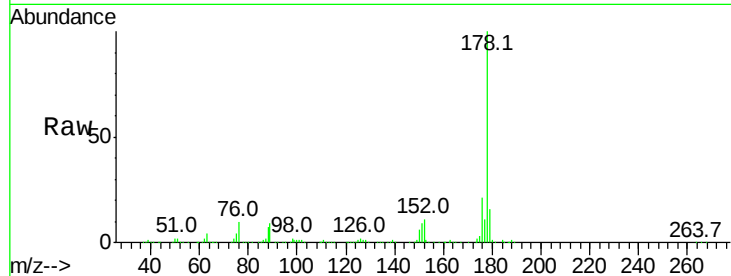
Tot Ion:178 Resp: 622088

Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.8

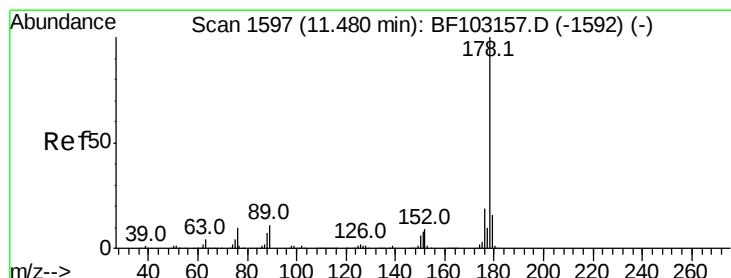
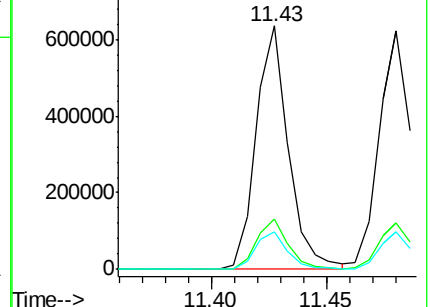
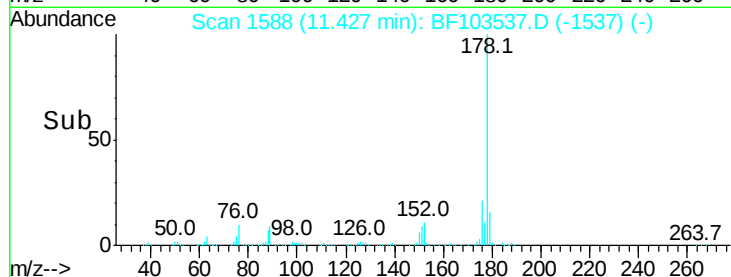
179 15.5 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 37.054 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

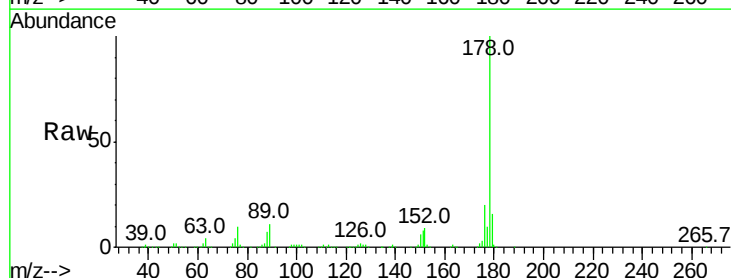
Tgt Ion:178 Resp: 669227

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

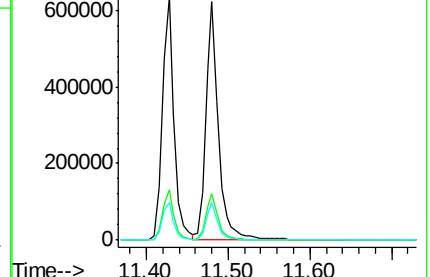
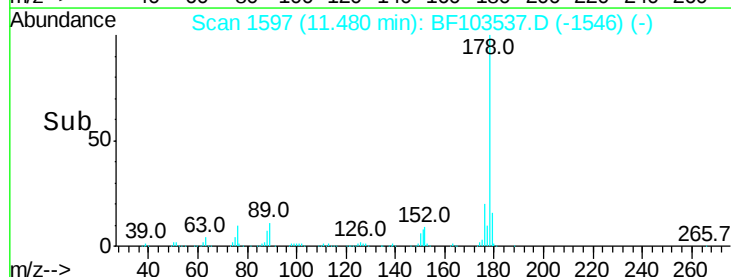
179 15.7 12.6 19.0

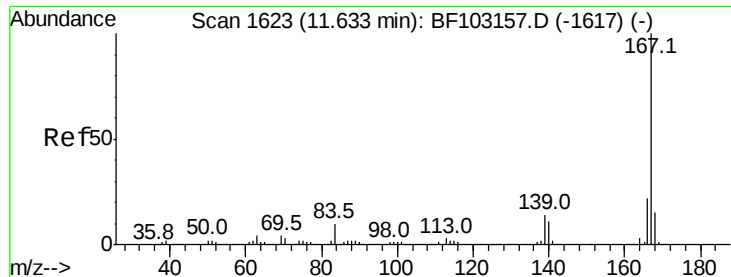


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 37.602 ng

RT: 11.64 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

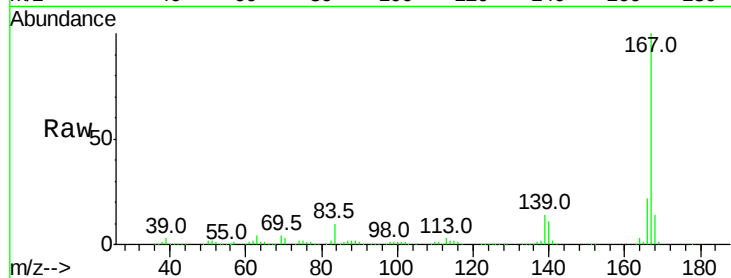
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 676301

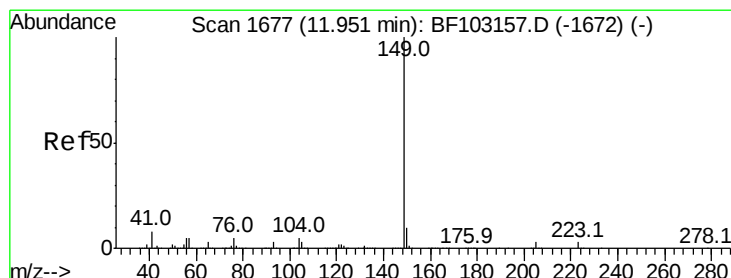
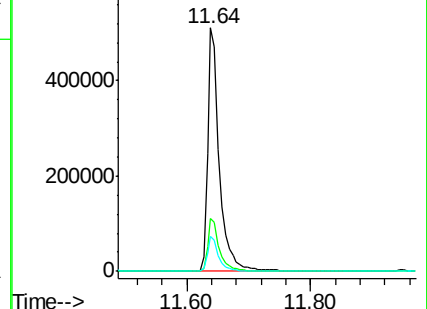
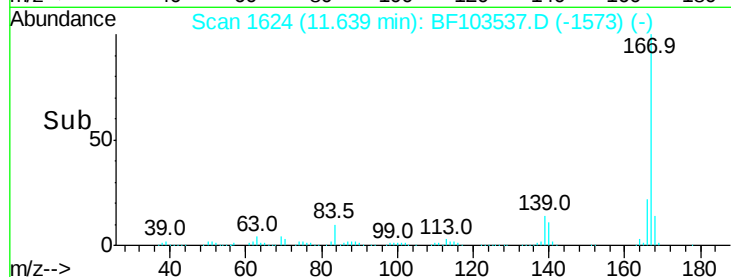
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	14.5	10.9	16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 38.679 ng

RT: 11.94 min Scan# 1676

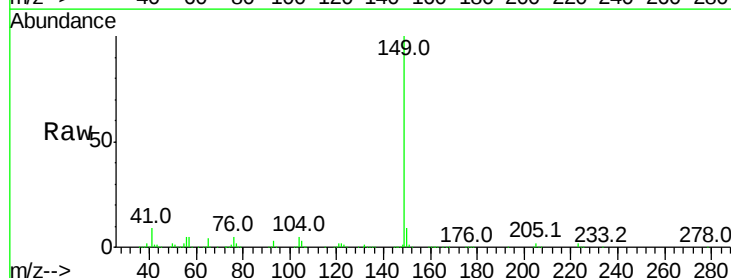
Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Tgt Ion:149 Resp: 870492

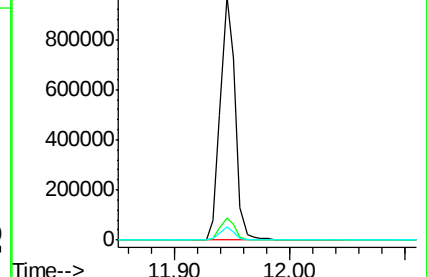
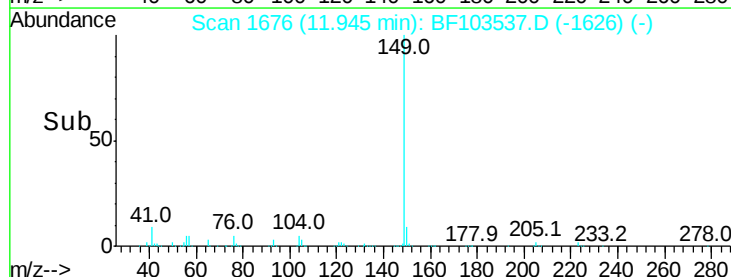
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	5.3	3.8	5.8

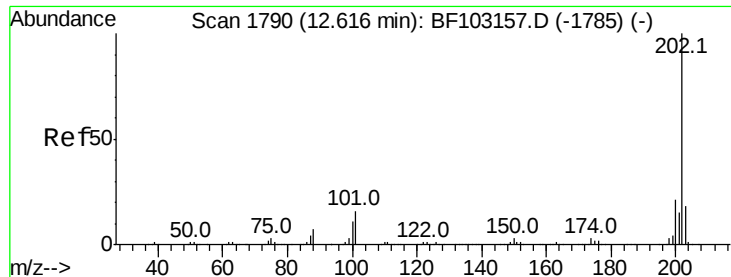


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

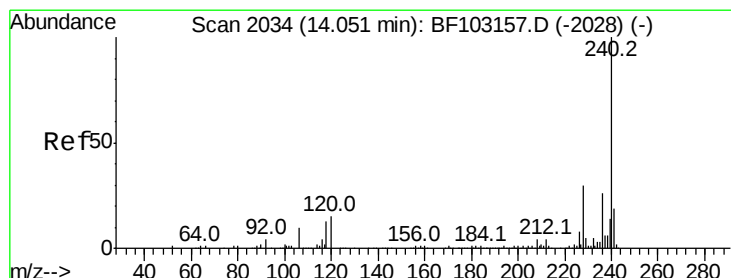
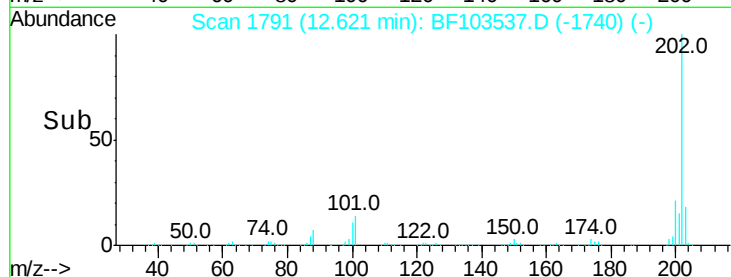
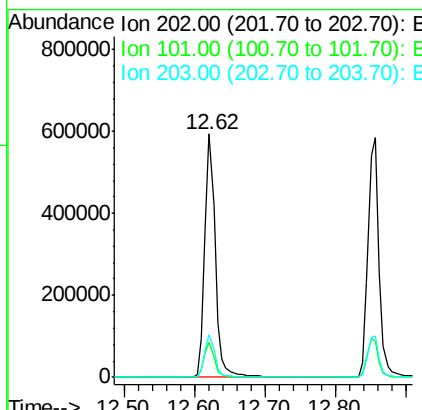
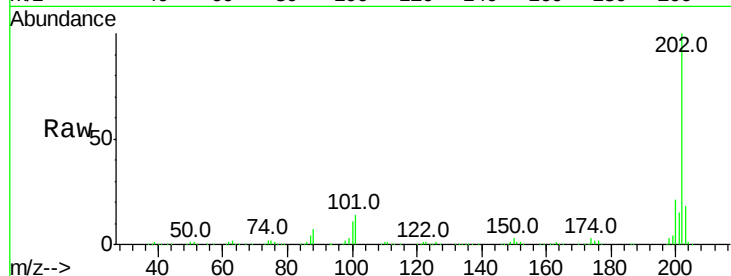




#74
 Fluoranthene
 Concen: 34.915 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

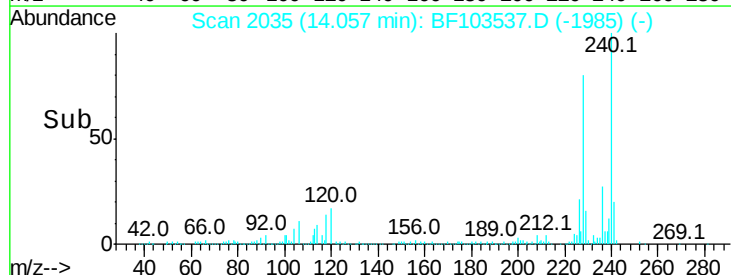
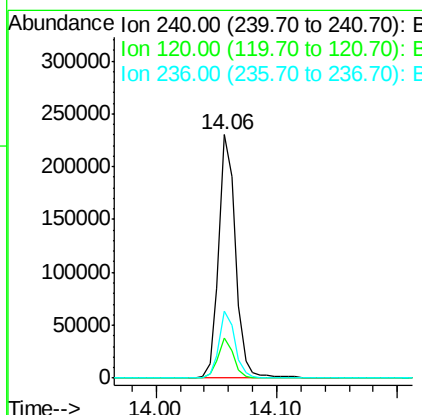
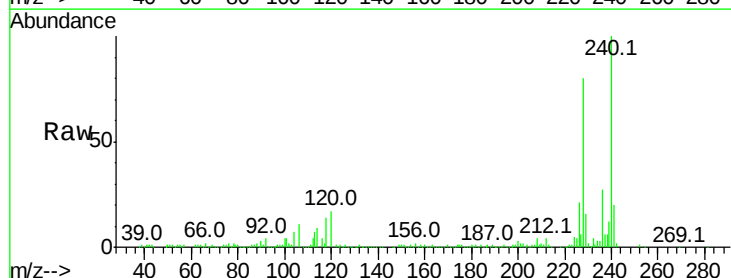
Instrument :
 BNA_F
 ClientSampleId :

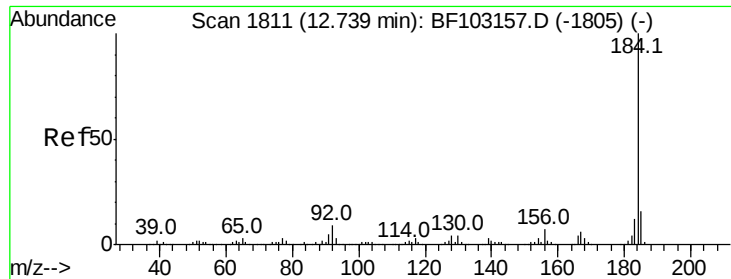
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.1
203	17.6	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.6	9.5	14.3#
236	27.3	20.7	31.1

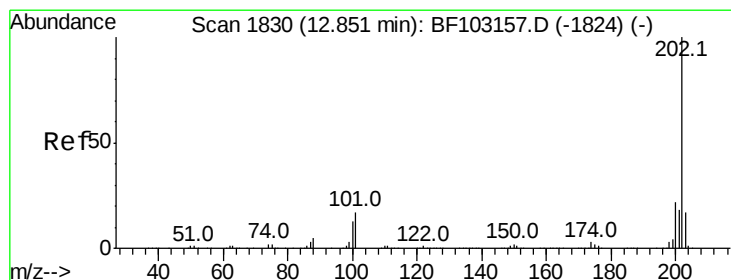
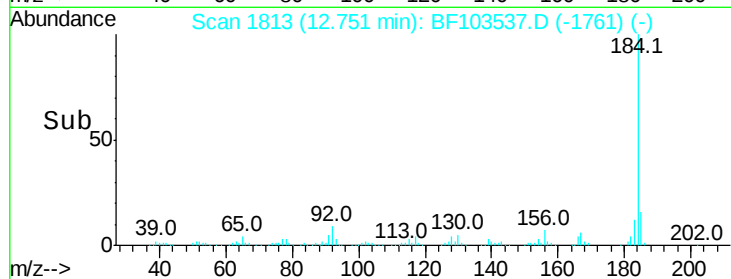
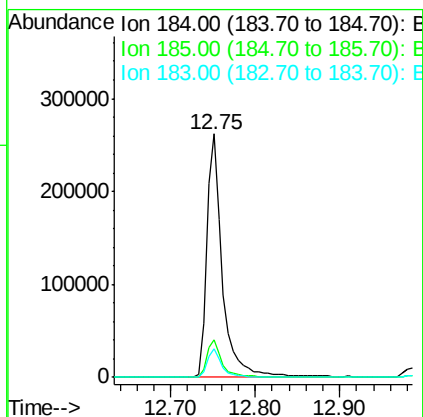
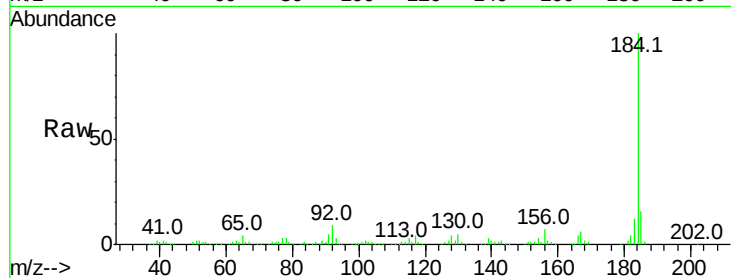




#76
Benzidine
Concen: 40.915 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

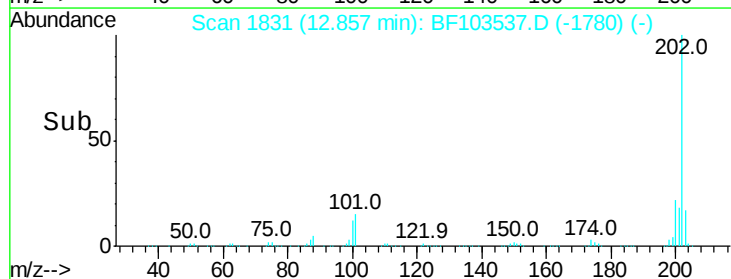
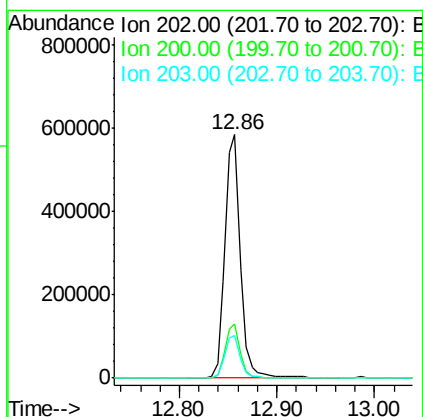
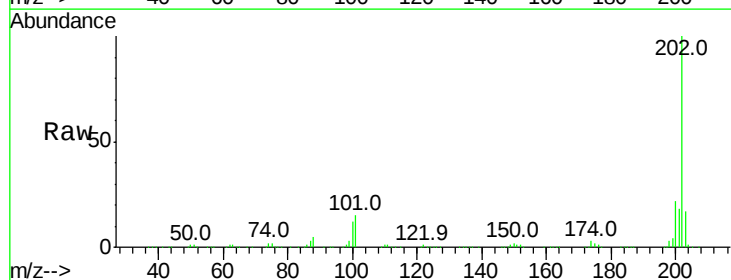
Instrument :
BNA_F
ClientSampleId :

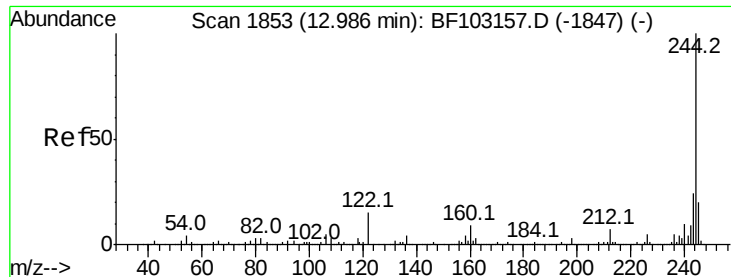
Tot Ion:184 Resp: 337336
Ion Ratio Lower Upper
184 100
185 15.5 12.6 18.8
183 11.7 9.3 13.9



#77
Pyrene
Concen: 37.251 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion:202 Resp: 640512
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.2
203 17.4 14.3 21.5





#78

Terphenyl-d14

Concen: 71.681 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

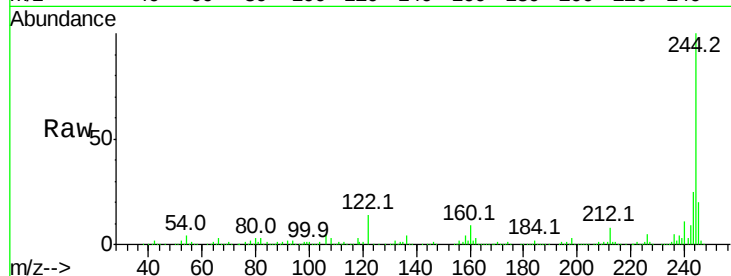
Tot Ion:244 Resp: 657618

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

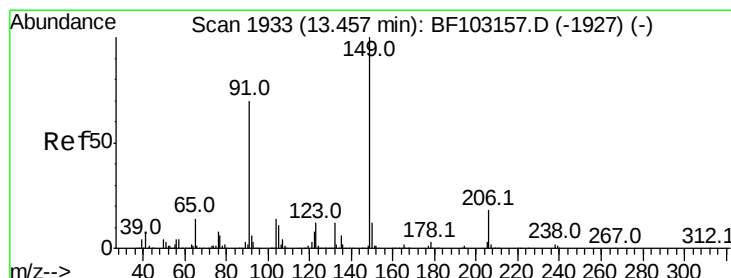
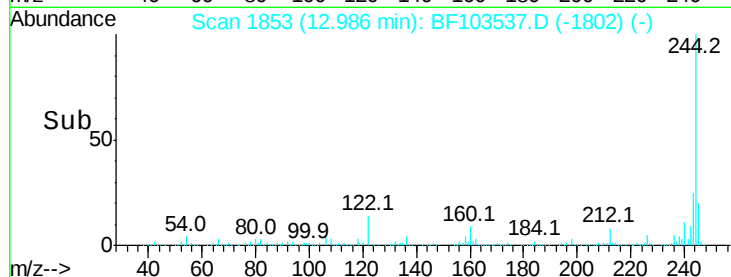
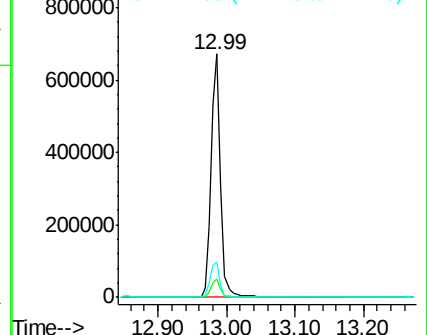
122 14.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 38.012 ng

RT: 13.45 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

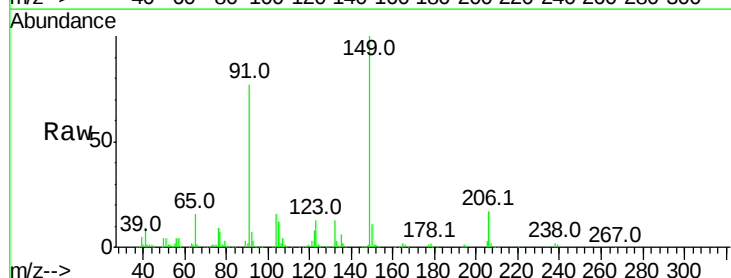
Tgt Ion:149 Resp: 345320

Ion Ratio Lower Upper

149 100

91 77.3 56.8 85.2

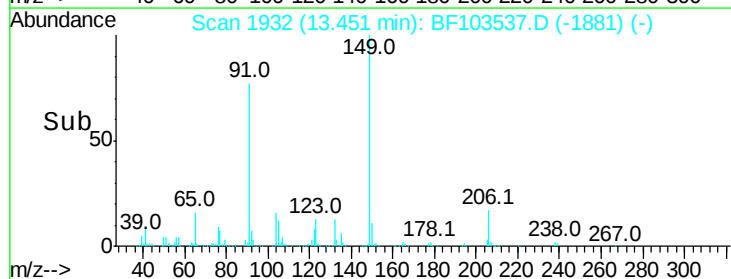
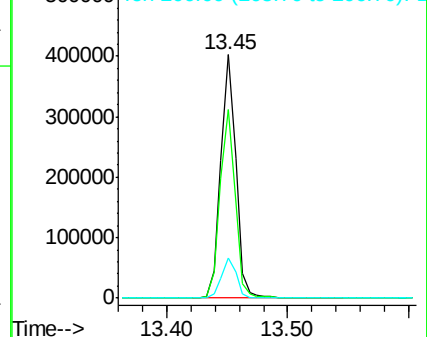
206 16.7 14.1 21.1

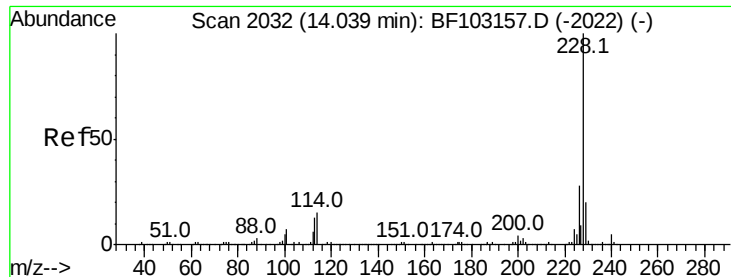


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 35.456 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

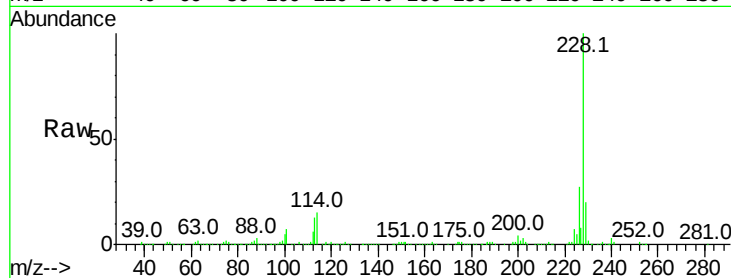
Tot Ion:228 Resp: 507352

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

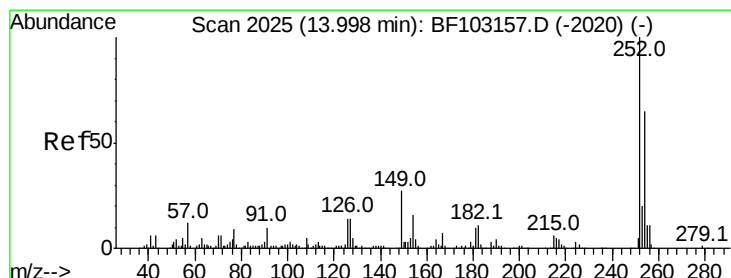
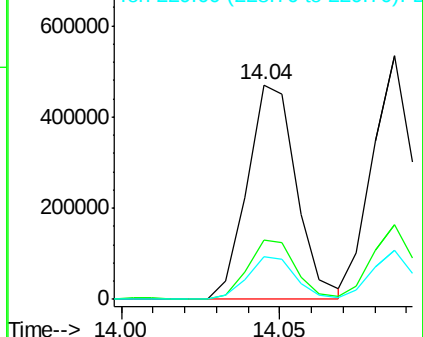
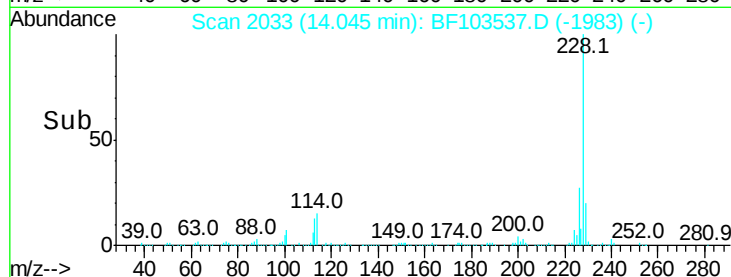
229 20.1 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 38.452 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

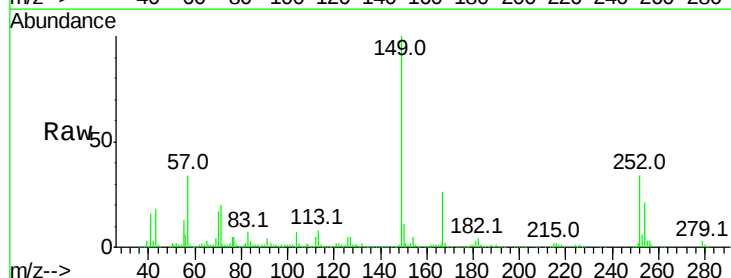
Tgt Ion:252 Resp: 196363

Ion Ratio Lower Upper

252 100

254 63.7 50.4 75.6

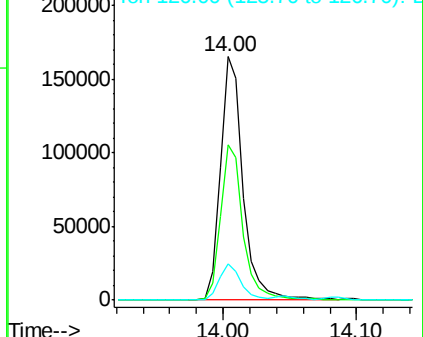
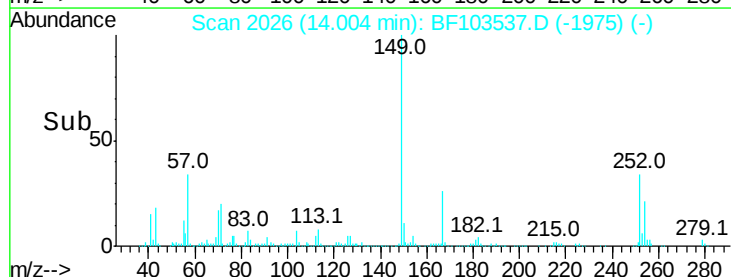
126 14.9 11.3 16.9

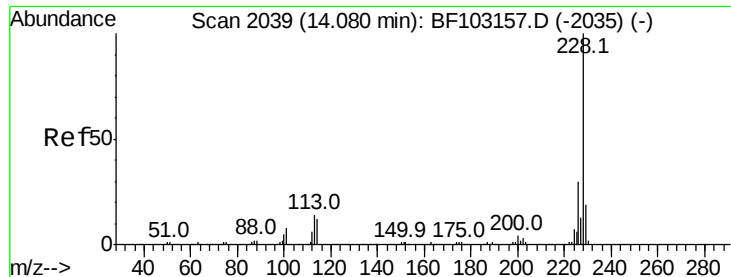


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

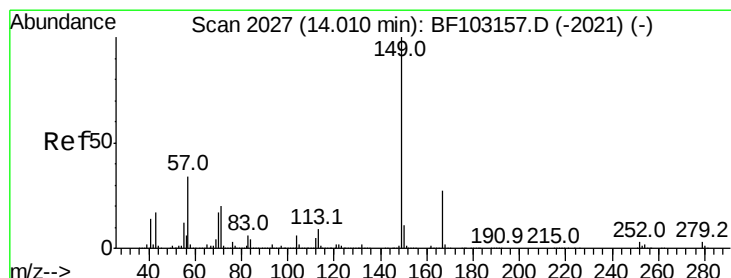
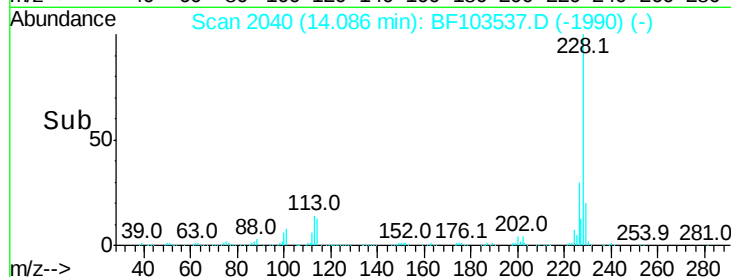
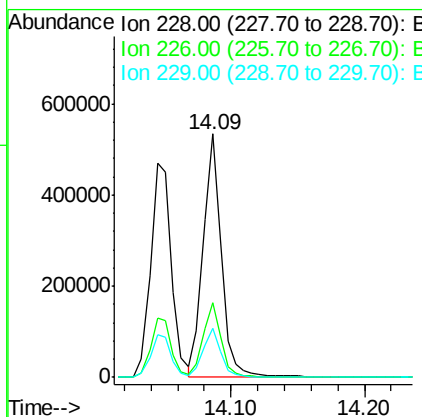
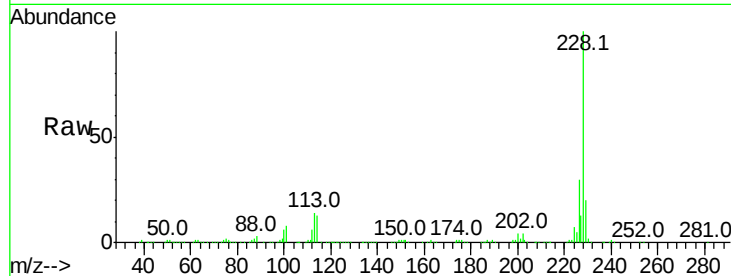




#82
 Chrysene
 Concen: 36.439 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

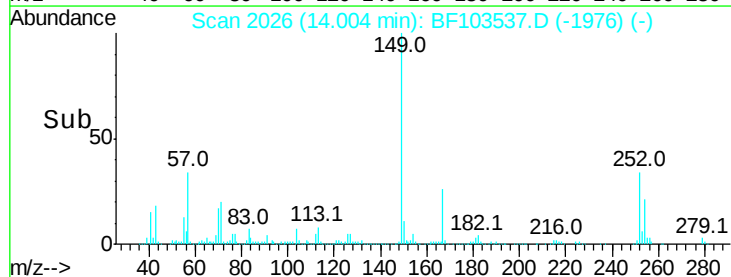
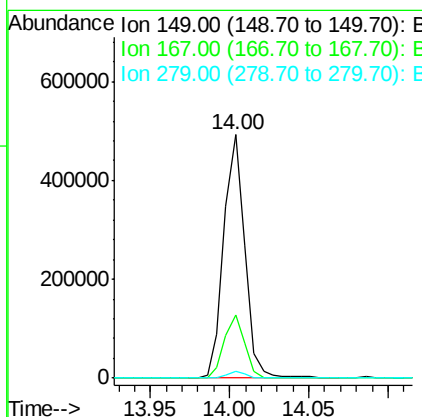
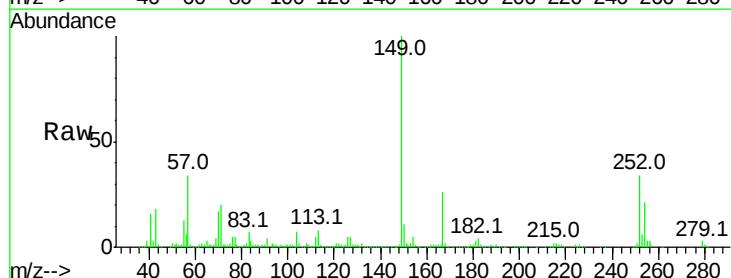
Instrument :
 BNA_F
 ClientSampleId :

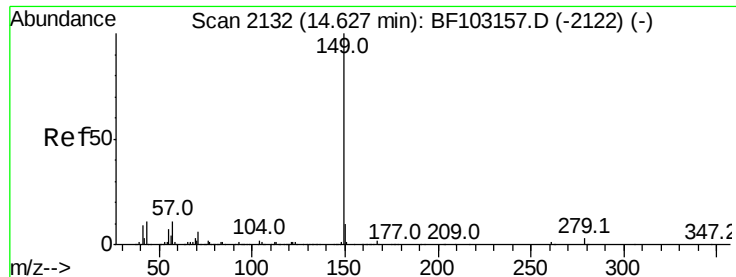
Tot Ion:228 Resp: 506287
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.0 37.6
 229 20.0 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.015 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Tgt Ion:149 Resp: 453779
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.3 31.9
 279 2.5 3.0 4.4#

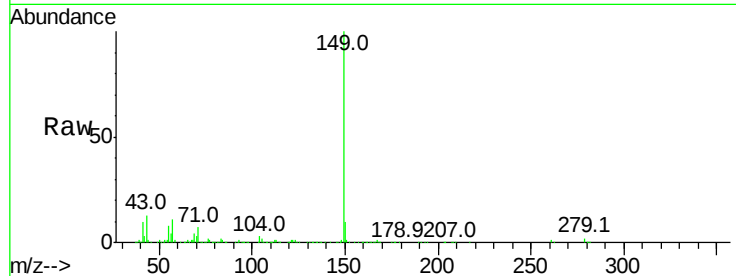




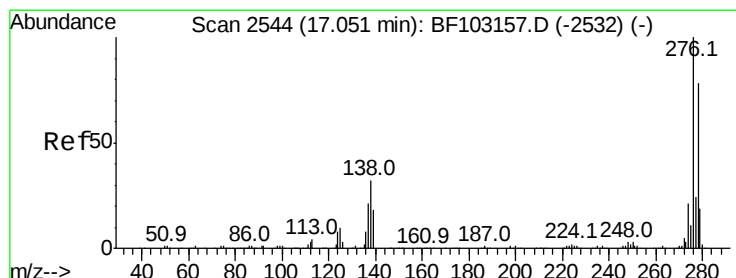
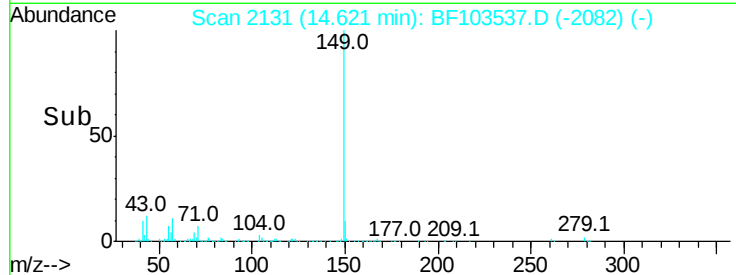
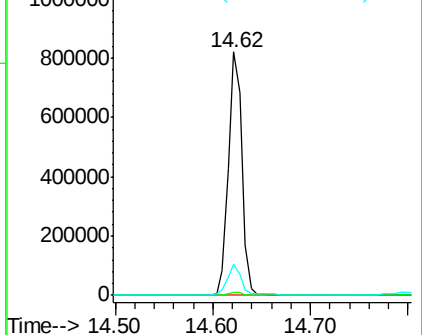
#84
Di-n-octyl phthalate
Concen: 39.862 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 789545
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.5 8.4 12.6

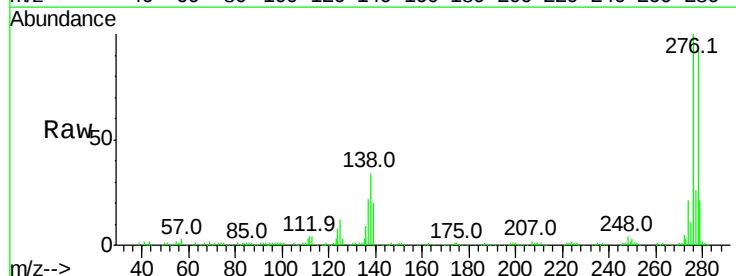


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

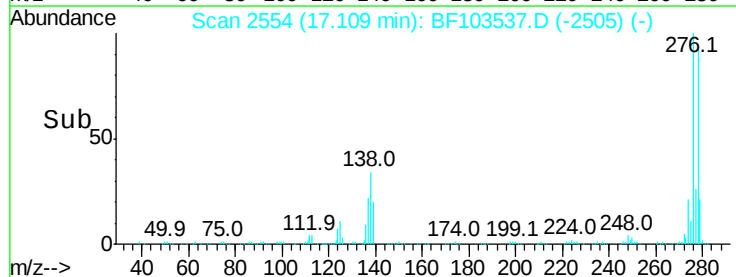
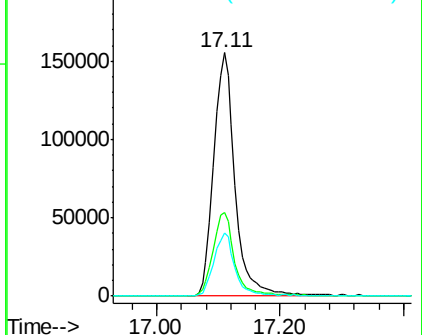


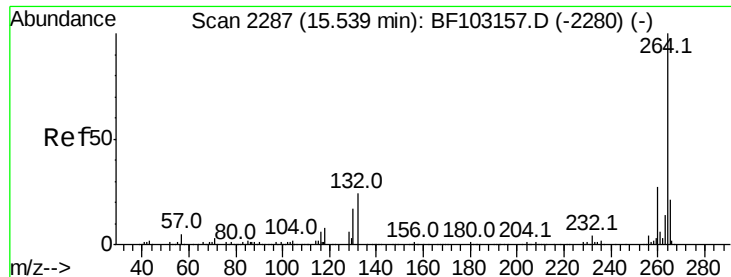
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.837 ng
RT: 17.11 min Scan# 2554
Delta R.T. -0.01 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion:276 Resp: 372186
Ion Ratio Lower Upper
276 100
138 34.3 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

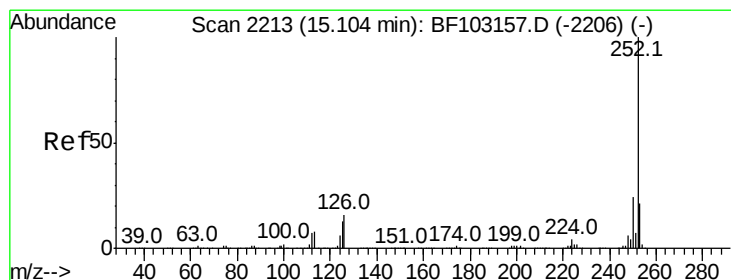
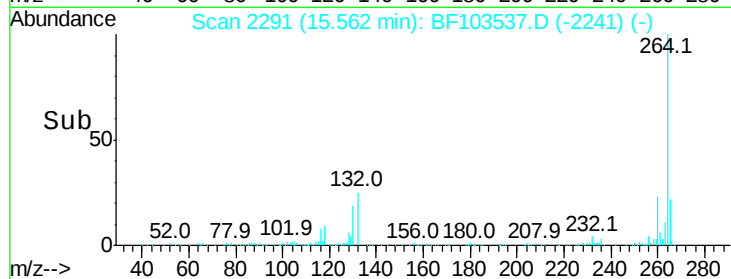
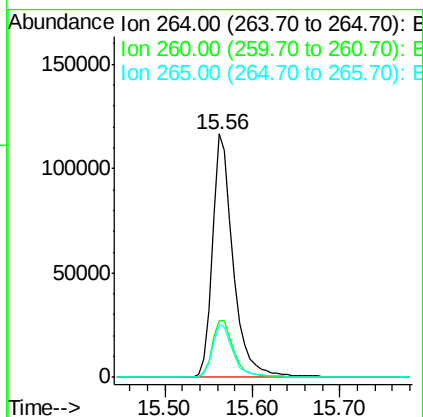
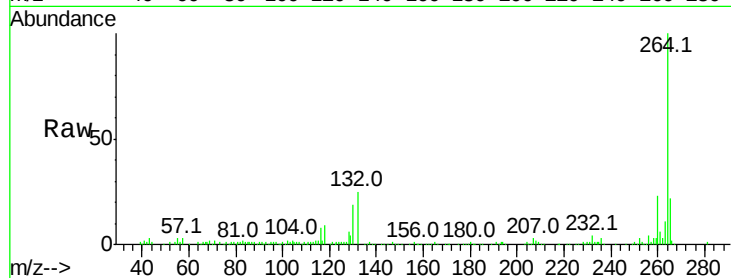




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

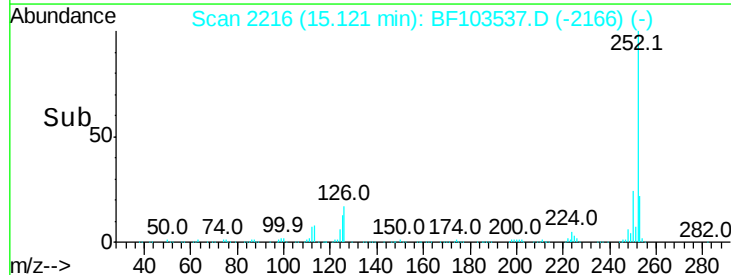
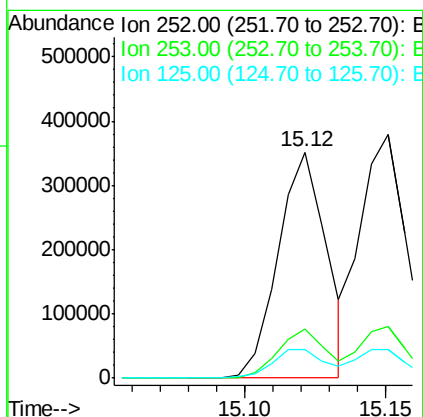
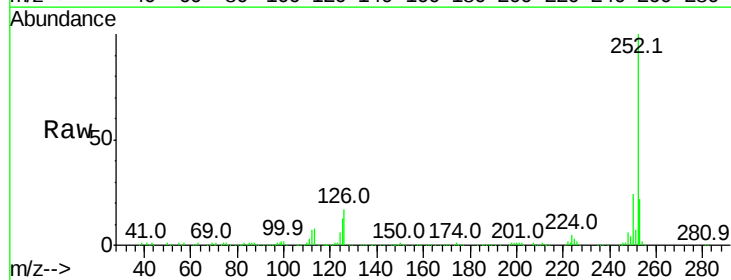
Instrument :
BNA_F
ClientSampleId :

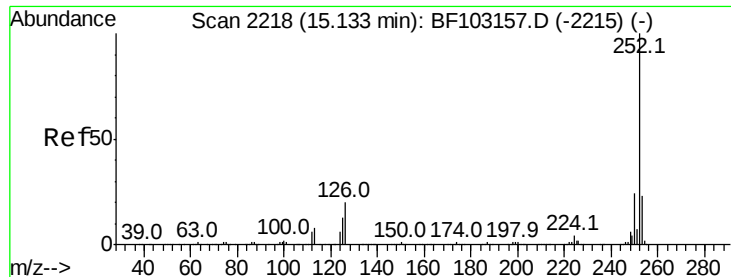
Tot Ion:264 Resp: 192098
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.9 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 32.997 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion:252 Resp: 416758
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 12.9 9.0 13.6

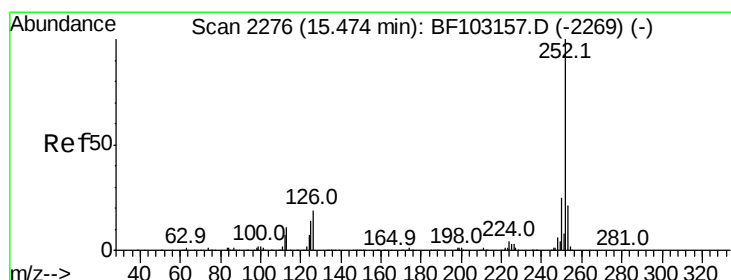
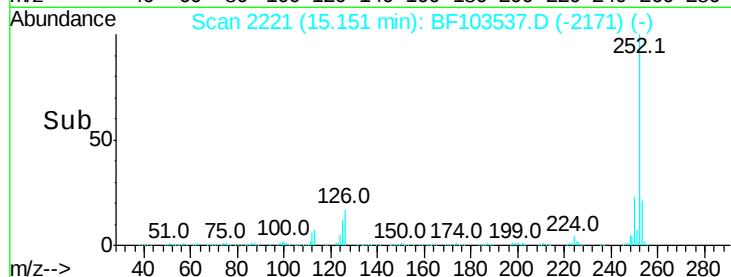
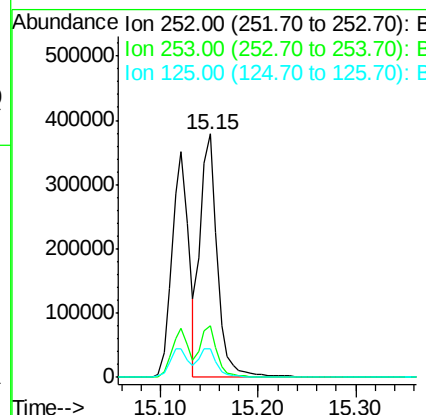
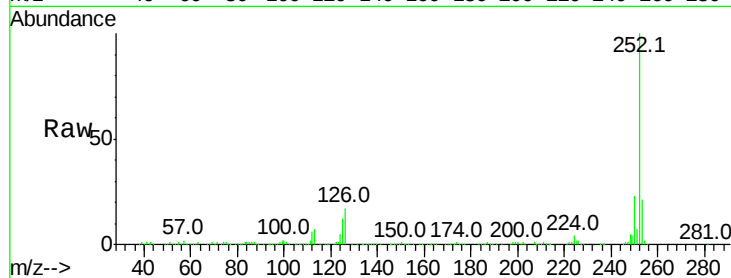




#88
Benzo(k)fluoranthene
Concen: 38.518 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

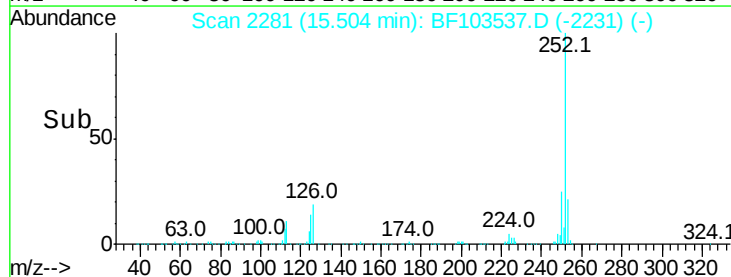
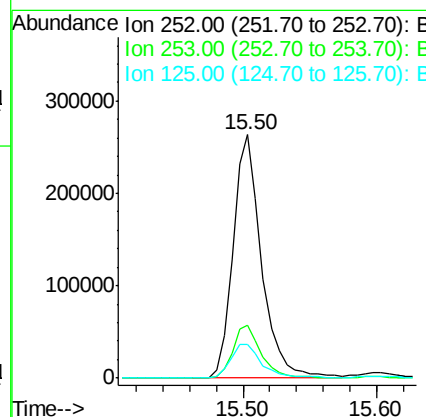
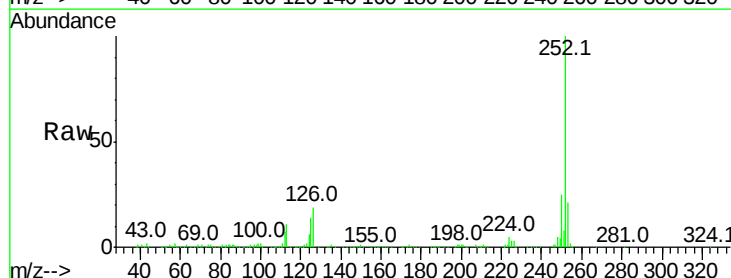
Instrument :
BNA_F
ClientSampled :

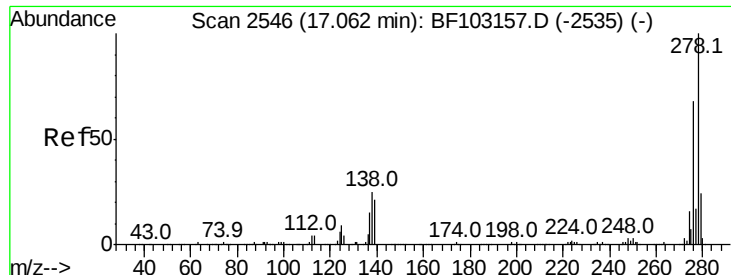
Tot Ion:252 Resp: 458106
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 11.8 10.2 15.2



#89
Benzo(a)pyrene
Concen: 34.730 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion:252 Resp: 391716
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 13.8 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 36.826 ng

RT: 17.11 min Scan# 2554

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

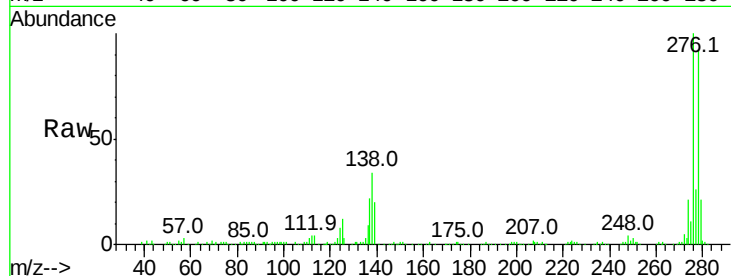
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 320951

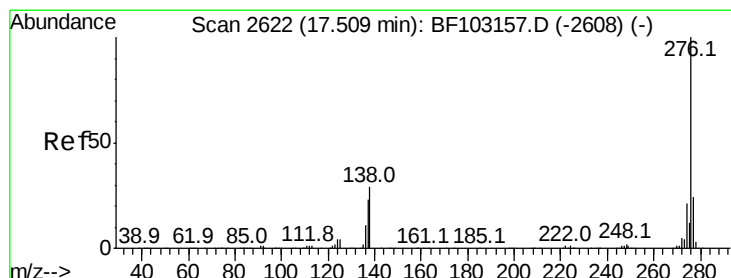
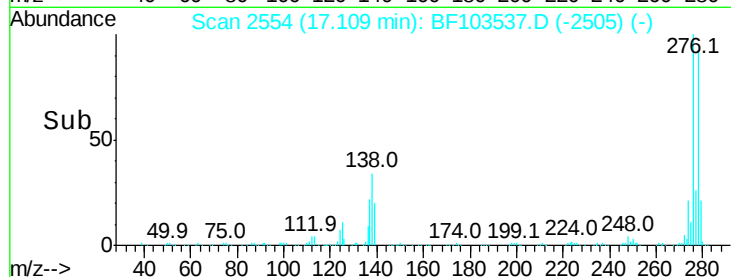
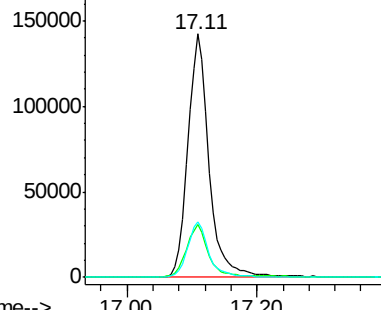
Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.9	23.9
279	23.0	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 36.146 ng

RT: 17.58 min Scan# 2634

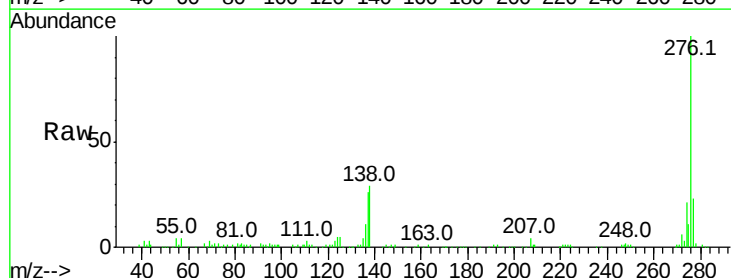
Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Tgt Ion:276 Resp: 307882

Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.9	26.9
138	29.5	21.8	32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

