

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103201.D
 Acq On : 23 Feb 2018 15:57
 Operator : SJ/JU
 Sample : J1161-09
 Misc : MDL-S-5ppm
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 23 16:50:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	175450	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	767881	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	358717	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	614056	20.00	ng	0.00
75) Chrysene-d12	14.04	240	449200	20.00	ng	0.00
86) Perylene-d12	15.54	264	424008	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1305138	112.51	ng	0.00
7) Phenol-d6	6.50	99	1610404	113.45	ng	0.00
23) Nitrobenzene-d5	7.44	82	1207798	89.83	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	348779	114.87	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1807793	87.38	ng	0.00
78) Terphenyl-d14	12.99	244	1450369	77.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	26784	4.371	ng	90
3) Pyridine	3.56	79	59366	3.629	ng	98
4) n-Nitrosodimethylamine	3.40	42	19736	2.992	ng	# 90
6) Aniline	6.54	93	104288	5.091	ng	96
8) 2-Chlorophenol	6.66	128	60557	5.025	ng	97
9) Benzaldehyde	6.43	77	34997	2.734	ng	98
10) Phenol	6.52	94	83116	5.044	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	66518	5.318	ng	93
12) 1,3-Dichlorobenzene	6.81	146	71280	5.176	ng	98
13) 1,4-Dichlorobenzene	6.89	146	72078	5.220	ng	98
14) 1,2-Dichlorobenzene	7.04	146	66744	5.242	ng	96
15) Benzyl Alcohol	7.01	79	67995	6.357	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	109886	5.116	ng	96
17) 2-Methylphenol	7.12	107	56564	5.165	ng	92
18) Hexachloroethane	7.38	117	26137	5.200	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	53757	6.085	ng	95
20) 3+4-Methylphenols	7.27	107	70565	5.286	ng	# 21
22) Acetophenone	7.27	105	103003	5.747	ng	# 92
24) Nitrobenzene	7.45	77	77552	5.239	ng	95
25) Isophorone	7.69	82	132964	5.021	ng	98
26) 2-Nitrophenol	7.77	139	30312	4.349	ng	# 90
27) 2,4-Dimethylphenol	7.80	122	47238	4.434	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	81431	5.230	ng	98
29) 2,4-Dichlorophenol	8.02	162	47825	4.689	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	55445	5.105	ng	97
31) Naphthalene	8.17	128	200579	5.335	ng	98
32) Benzoic acid	7.88	122	20117	9.093	ng	93
33) 4-Chloroaniline	8.23	127	80346	4.953	ng	98
34) Hexachlorobutadiene	8.29	225	28709	5.076	ng	95
35) Caprolactam	8.56	113	15940	4.447	ng	# 80
36) 4-Chloro-3-methylphenol	8.70	107	57626	5.009	ng	92
37) 2-Methylnaphthalene	8.86	142	132193	5.441	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	50251	5.124	ng	98
40) Hexachlorocyclopentadiene	9.01	237	3356	9.745	ng	89

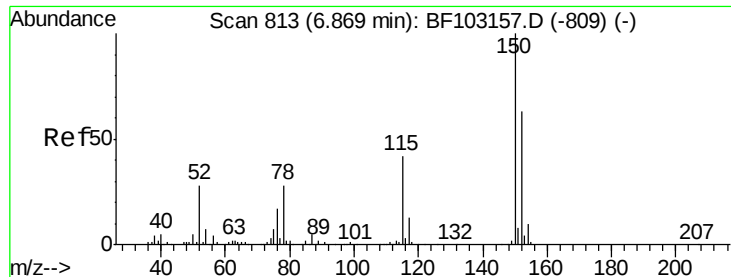
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
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 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	29726	4.505	ng	94
43) 2,4,5-Trichlorophenol	9.19	196	31503	4.151	ng	98
45) 1,1'-Biphenyl	9.33	154	170071	5.658	ng	98
46) 2-Chloronaphthalene	9.35	162	123257	5.183	ng	97
47) 2-Nitroaniline	9.45	65	43367	4.923	ng	83
48) Acenaphthylene	9.77	152	197425	5.396	ng	99
49) Dimethylphthalate	9.62	163	147252	5.117	ng	99
50) 2,6-Dinitrotoluene	9.69	165	29488	4.883	ng #	87
51) Acenaphthene	9.94	154	115664	5.421	ng	100
52) 3-Nitroaniline	9.86	138	35314	4.609	ng	94
53) 2,4-Dinitrophenol	9.99	184	3882	11.187	ng #	20
54) Dibenzofuran	10.11	168	168836	5.765	ng	98
55) 4-Nitrophenol	10.04	139	14606	3.076	ng	86
56) 2,4-Dinitrotoluene	10.10	165	37858	4.957	ng #	91
57) Fluorene	10.46	166	135699	5.439	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.23	232	24354	4.777	ng	94
59) Diethylphthalate	10.32	149	147108	5.345	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	58608	5.539	ng	96
61) 4-Nitroaniline	10.47	138	33798	4.416	ng	95
62) Azobenzene	10.60	77	153548	5.481	ng	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	10701	7.514	ng #	72
65) n-Nitrosodiphenylamine	10.56	169	115292	5.392	ng	95
66) 4-Bromophenyl-phenylether	10.94	248	32375	5.061	ng	93
67) Hexachlorobenzene	11.00	284	35081	5.053	ng	96
68) Atrazine	11.09	200	31158	4.848	ng	99
69) Pentachlorophenol	11.21	266	11392	3.393	ng	91
70) Phenanthrene	11.42	178	184186	5.450	ng	99
71) Anthracene	11.47	178	186669	5.387	ng	99
72) Carbazole	11.63	167	179218	5.193	ng	97
73) Di-n-butylphthalate	11.95	149	228606	5.294	ng	99
74) Fluoranthene	12.61	202	178909	5.268	ng	97
76) Benzidine	12.73	184	38989	2.322	ng	96
77) Pyrene	12.85	202	186953	5.338	ng	98
79) Butylbenzylphthalate	13.45	149	88410	4.778	ng	98
80) Benzo(a)anthracene	14.03	228	141748	4.863	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	48769	4.689	ng	98
82) Chrysene	14.07	228	145388	5.137	ng	97
83) Bis(2-ethylhexyl)phthalate	14.00	149	127030	5.087	ng #	98
84) Di-n-octyl phthalate	14.63	149	193009	4.784	ng	98
85) Indeno(1,2,3-cd)pyrene	17.04	276	115164	5.140	ng	96
87) Benzo(b)fluoranthene	15.13	252	128934	4.625	ng	99
88) Benzo(k)fluoranthene	15.13	252	128934	4.911	ng	98
89) Benzo(a)pyrene	15.47	252	118475	4.759	ng	97
90) Dibenzo(a,h)anthracene	17.06	278	95889	4.985	ng	98
91) Benzo(g,h,i)perylene	17.50	276	95525	5.081	ng	95

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

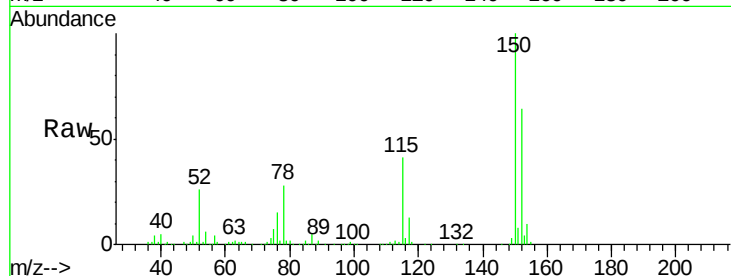


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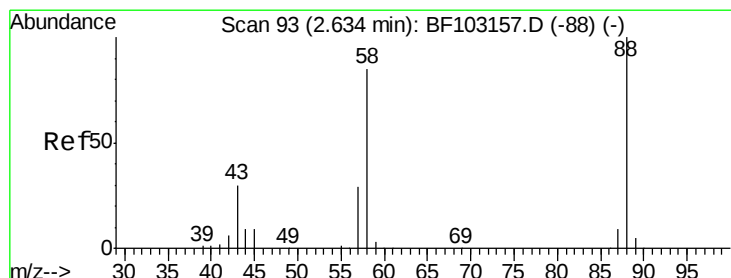
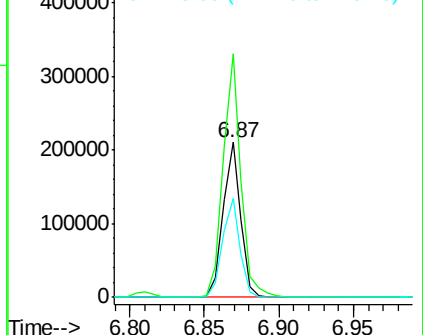
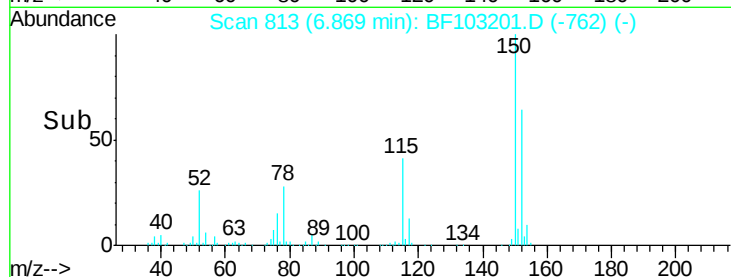
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 175450
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 64.2 50.1 75.1



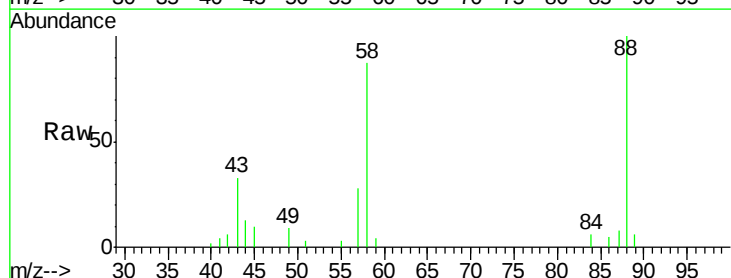
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



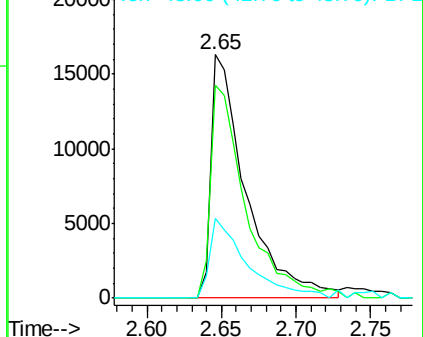
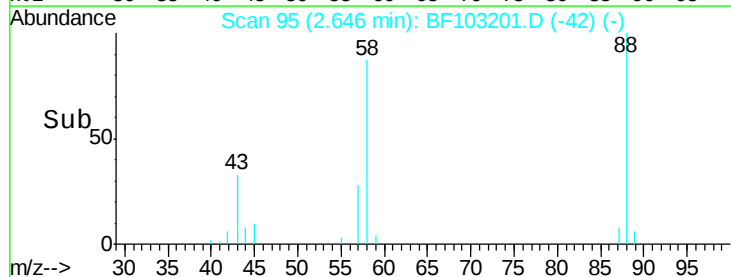
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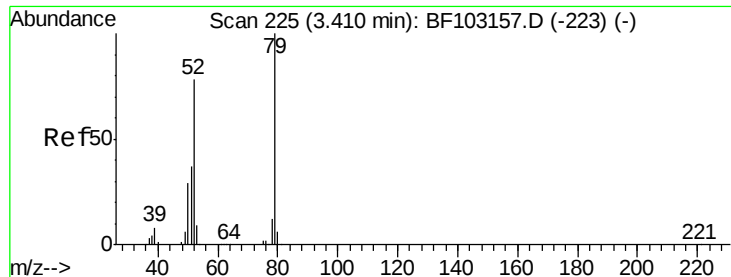
1,4-Dioxane
Concen: 4.371 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Tgt Ion: 88 Resp: 26784
Ion Ratio Lower Upper
88 100
58 88.5 62.6 93.8
43 34.8 24.6 37.0



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

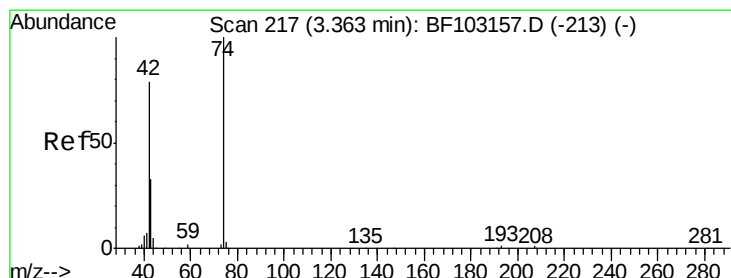
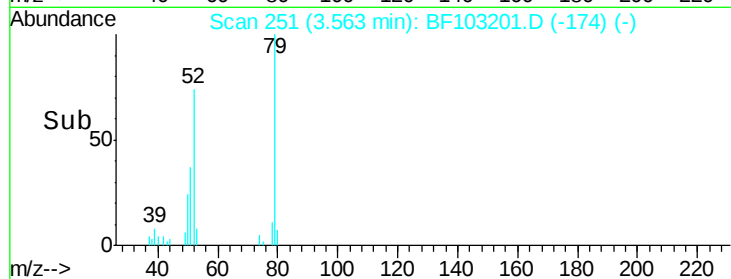
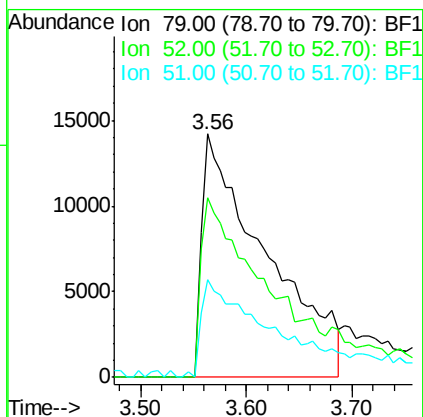
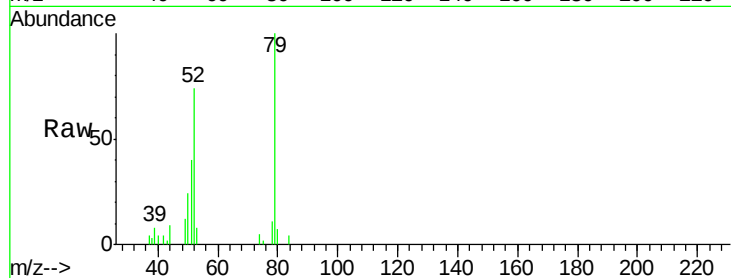




#3
 Pvridine
 Concen: 3.629 ng
 RT: 3.56 min Scan# 251
 Delta R.T. 0.15 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

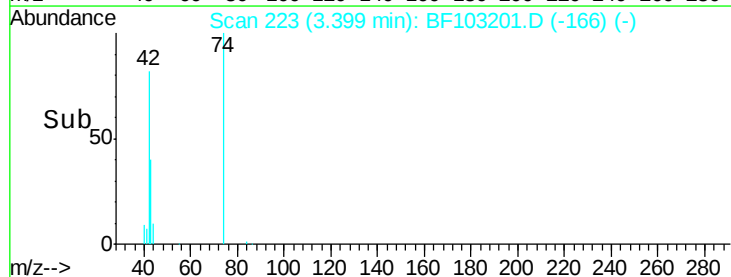
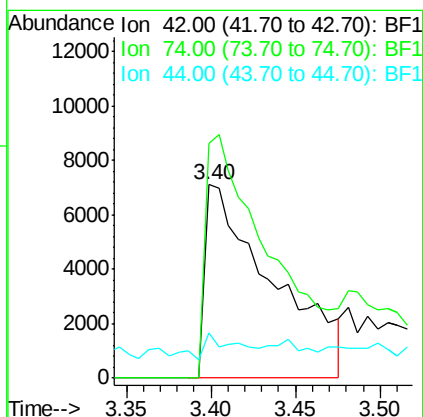
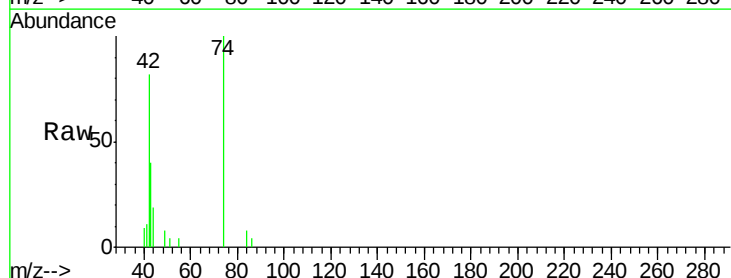
Instrument :
 BNA_F
 ClientSampleId :

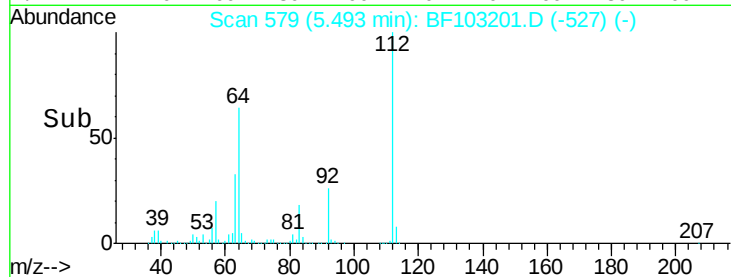
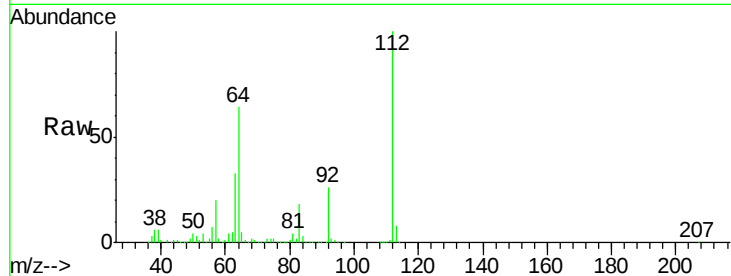
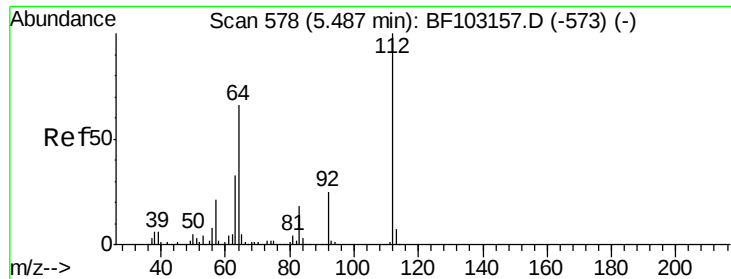
Tot Ion	Ratio	Lower	Upper
79	100		
52	74.0	59.8	89.6
51	40.0	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 2.992 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.04 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	121.5	104.9	157.3
44	23.4	6.9	10.3





#5

2-Fluorophenol

Concen: 112.507 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA_F

ClientSampled :

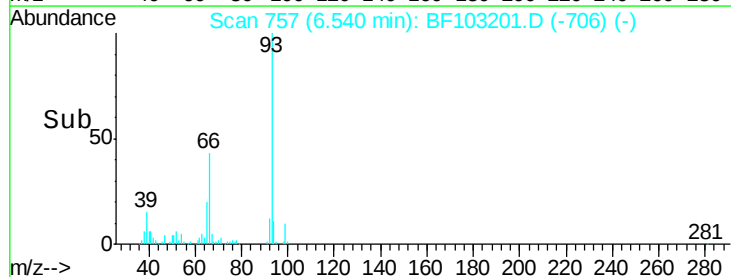
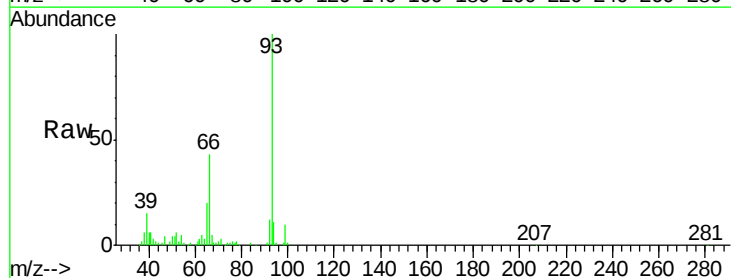
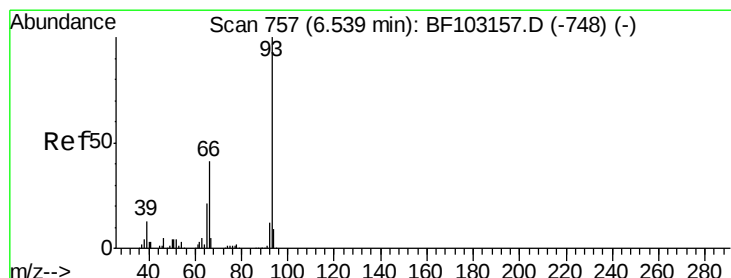
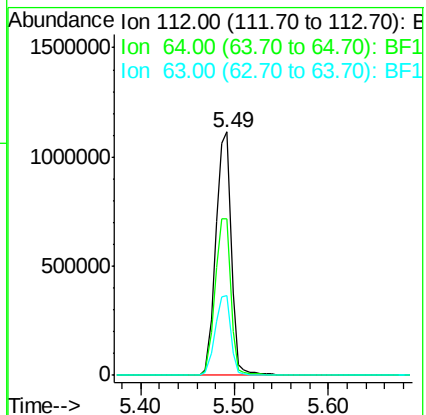
Tot Ion:112 Resp: 1305138

Ion Ratio Lower Upper

112 100

64 64.4 47.9 71.9

63 32.8 23.7 35.5



#6

Aniline

Concen: 5.091 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

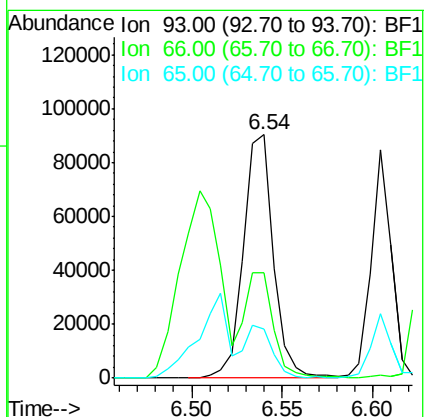
Tgt Ion: 93 Resp: 104288

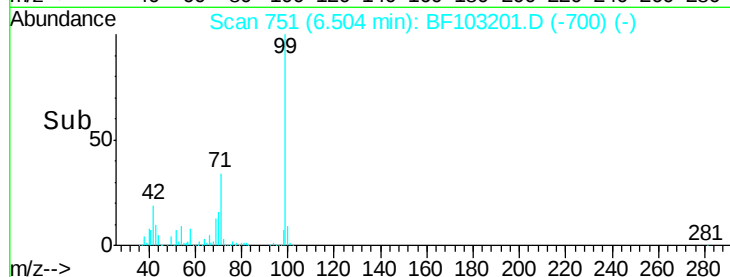
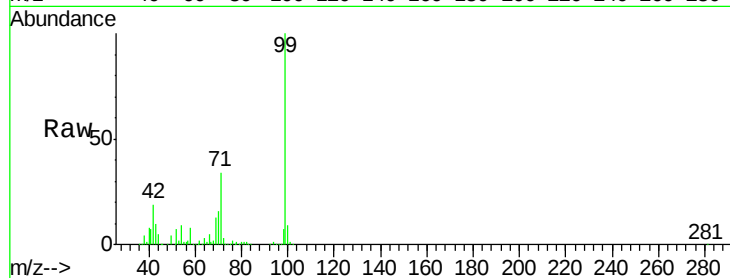
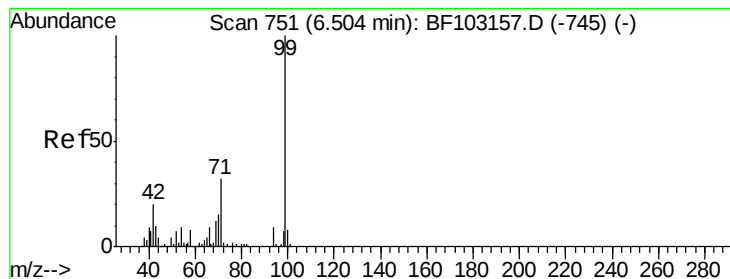
Ion Ratio Lower Upper

93 100

66 43.2 32.2 48.2

65 20.0 16.4 24.6





#7

Phenol-d6

Concen: 113.449 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA_F

ClientSampleId :

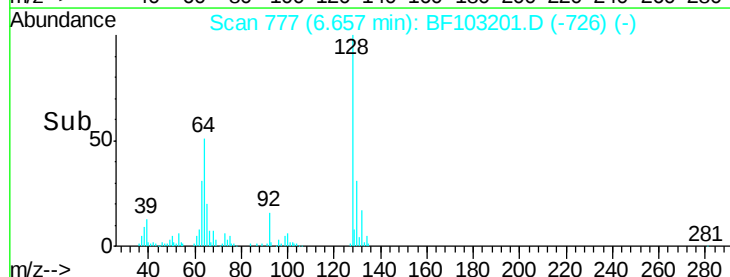
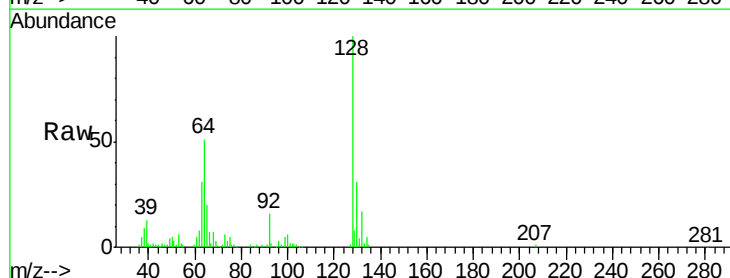
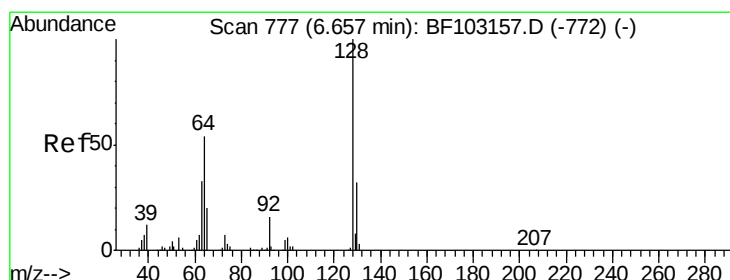
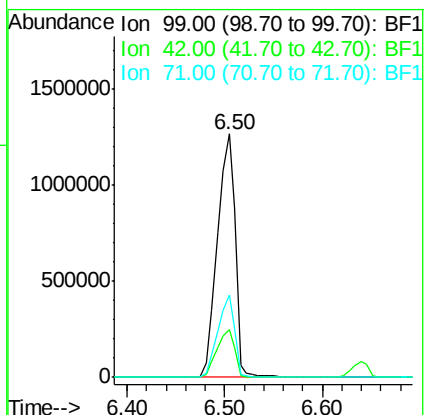
Tot Ion: 99 Resp: 1610404

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 33.8 25.4 38.0



#8

2-Chlorophenol

Concen: 5.025 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

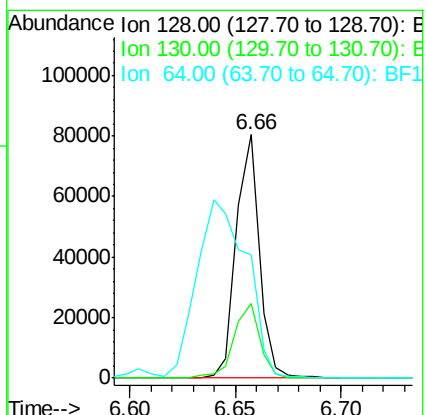
Tgt Ion:128 Resp: 60557

Ion Ratio Lower Upper

128 100

130 30.6 13.0 53.0

64 50.8 29.4 69.4





#9

Benzaldehyde

Concen: 2.734 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA_F

ClientSampleId :

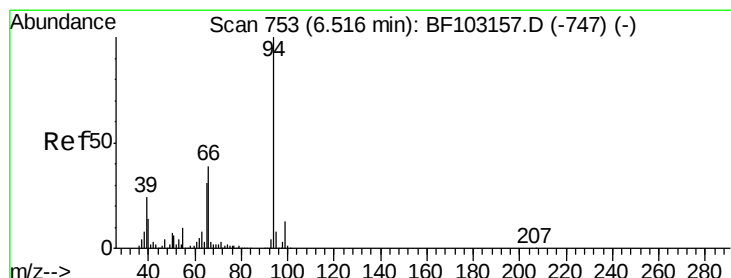
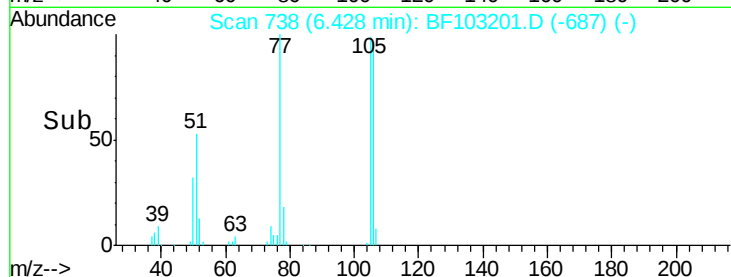
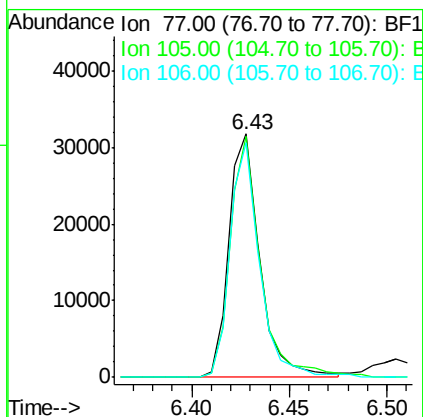
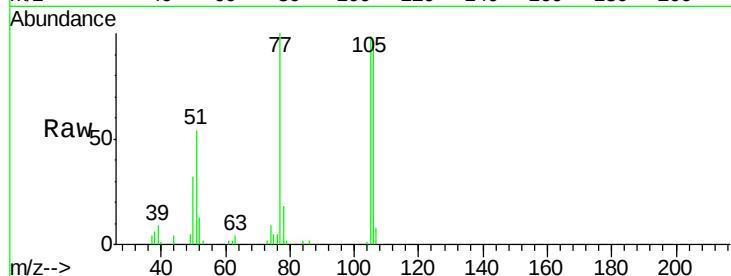
Tot Ion: 77 Resp: 34997

Ion Ratio Lower Upper

77 100

105 99.2 81.1 121.1

106 96.4 74.5 114.5



#10

Phenol

Concen: 5.044 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

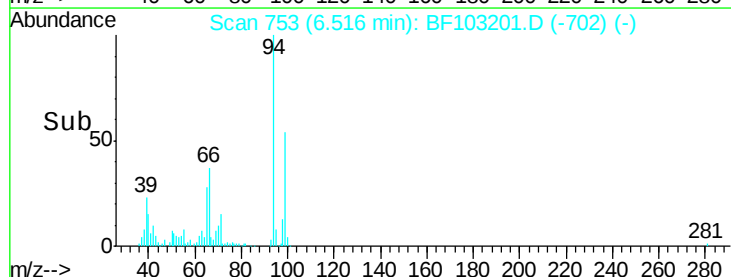
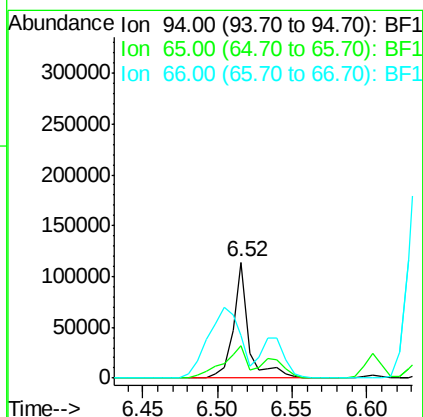
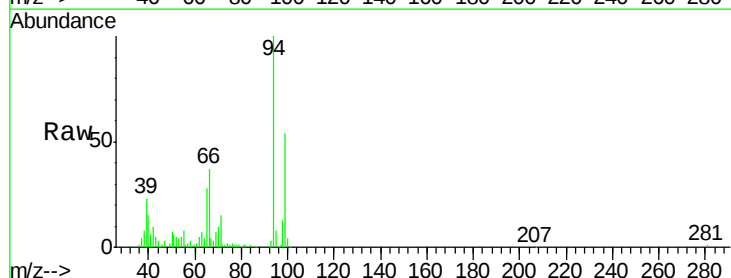
Tgt Ion: 94 Resp: 83116

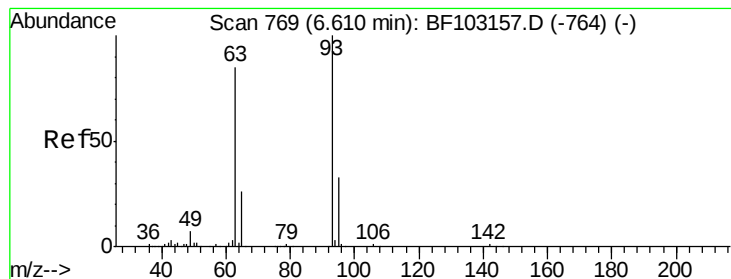
Ion Ratio Lower Upper

94 100

65 27.8 7.9 47.9

66 36.7 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 5.318 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA_F

ClientSampled :

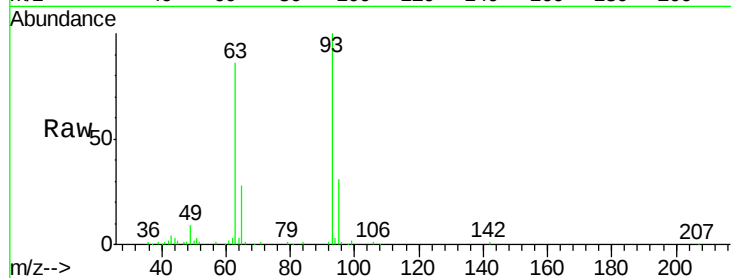
Tot Ion: 93 Resp: 66518

Ion Ratio Lower Upper

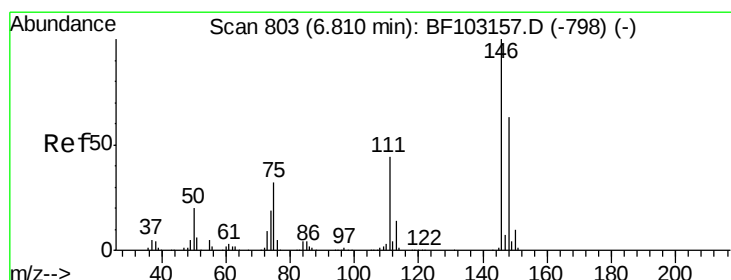
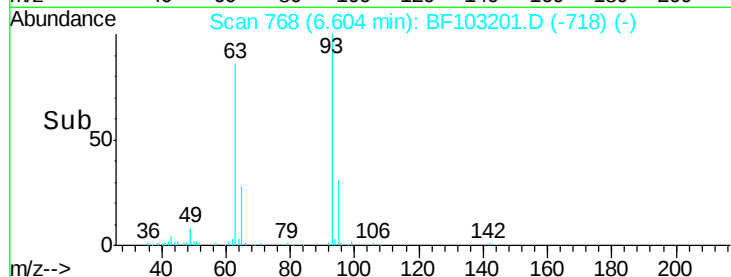
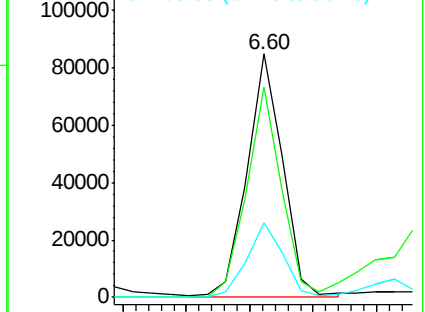
93 100

63 86.2 58.6 98.6

95 30.8 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 5.176 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

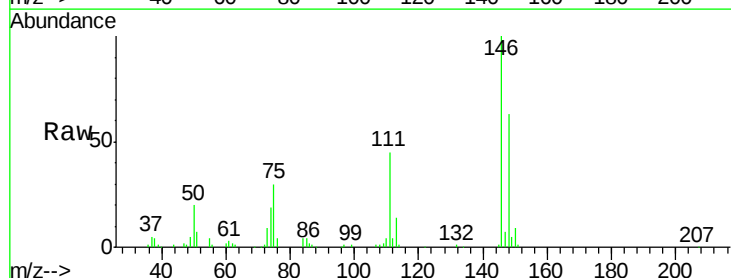
Tgt Ion: 146 Resp: 71280

Ion Ratio Lower Upper

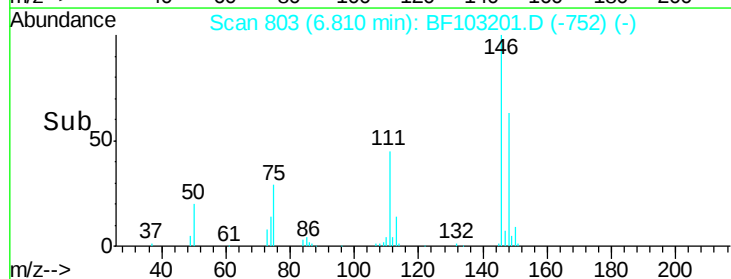
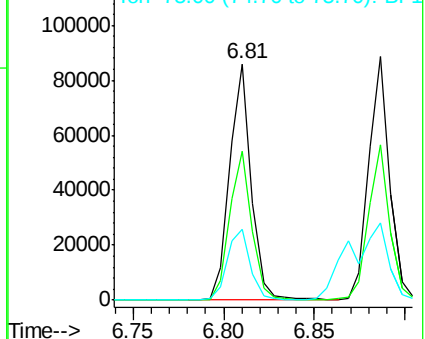
146 100

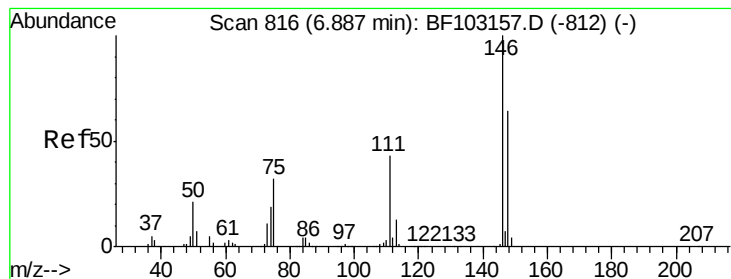
148 63.2 51.8 77.8

75 30.1 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 5.220 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA_F

ClientSampled :

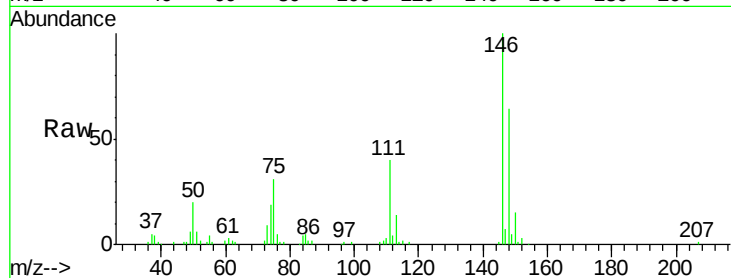
Tot Ion:146 Resp: 72078

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

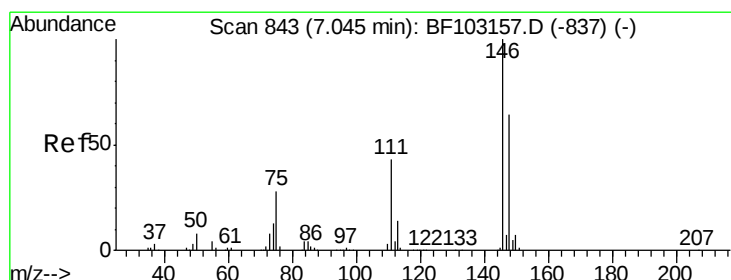
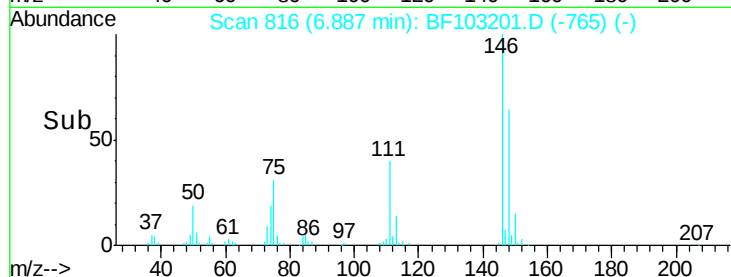
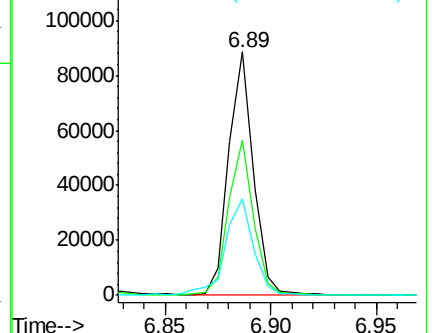
111 39.6 34.2 51.2



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: 5.242 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

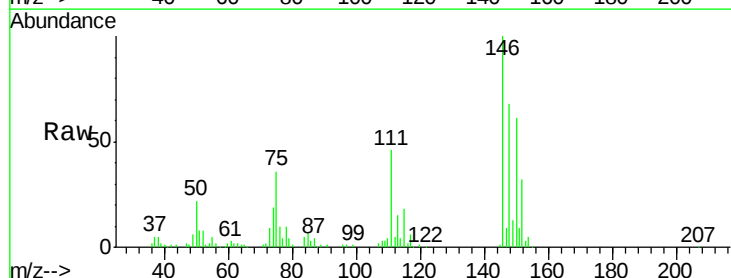
Tgt Ion:146 Resp: 66744

Ion Ratio Lower Upper

146 100

148 67.6 50.6 75.8

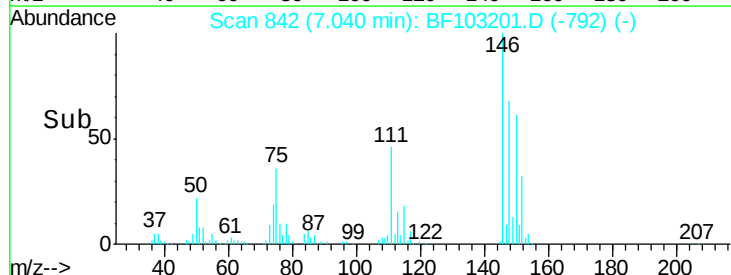
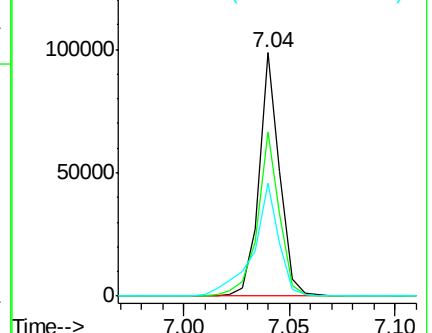
111 46.3 36.0 54.0

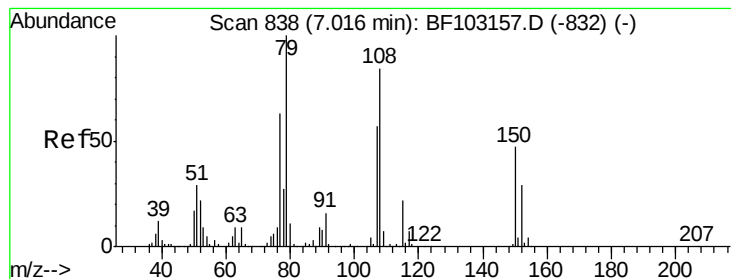


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 6.357 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA_F

ClientSampled :

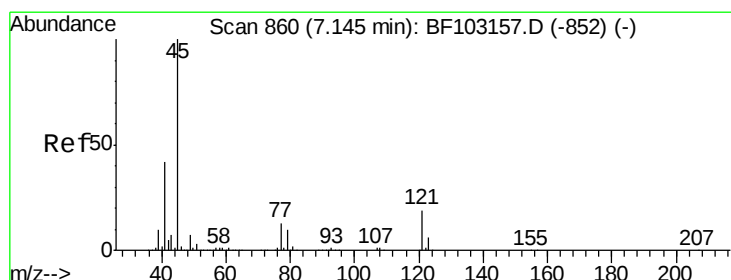
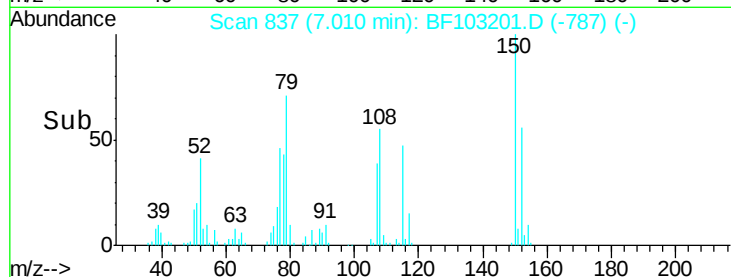
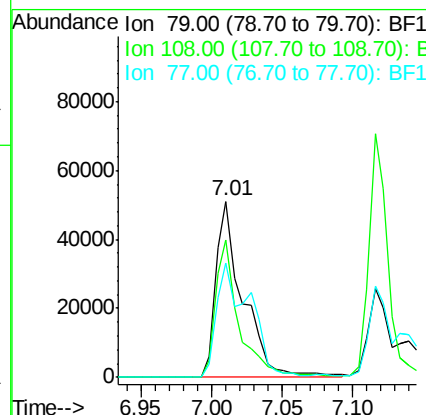
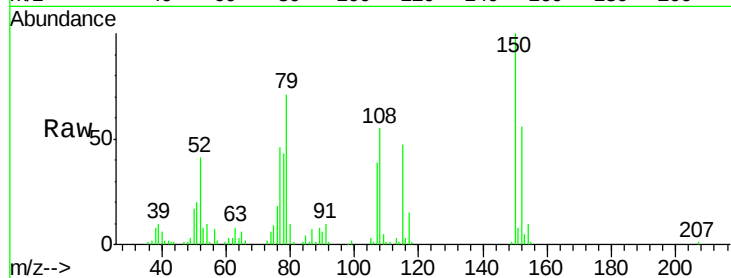
Tot Ion: 79 Resp: 67995

Ion Ratio Lower Upper

79 100

108 77.9 65.1 97.7

77 64.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 5.116 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

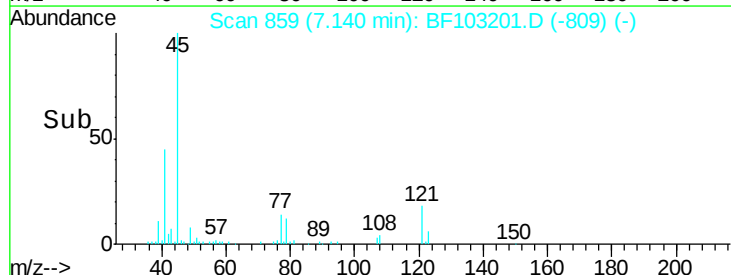
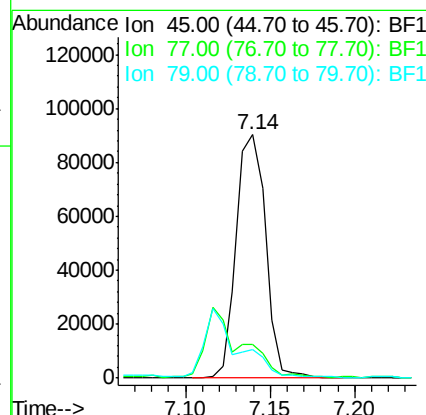
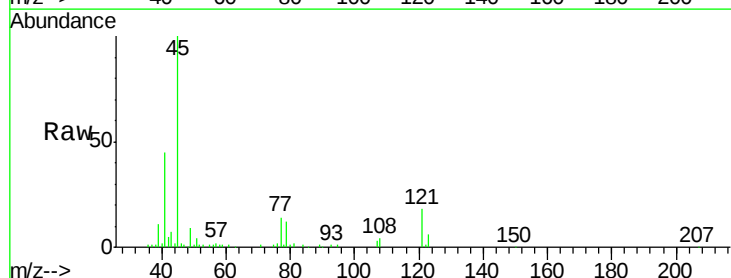
Tgt Ion: 45 Resp: 109886

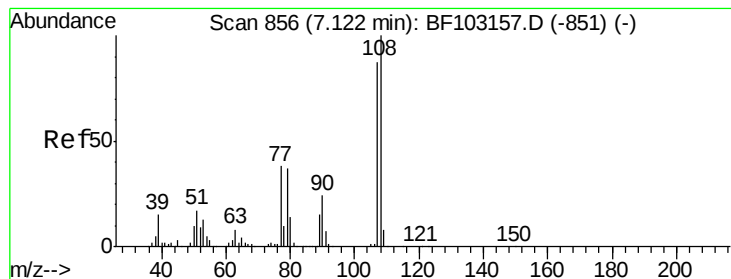
Ion Ratio Lower Upper

45 100

77 13.8 0.0 32.9

79 11.8 0.0 29.6





#17

2-Methylphenol

Concen: 5.165 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 56564

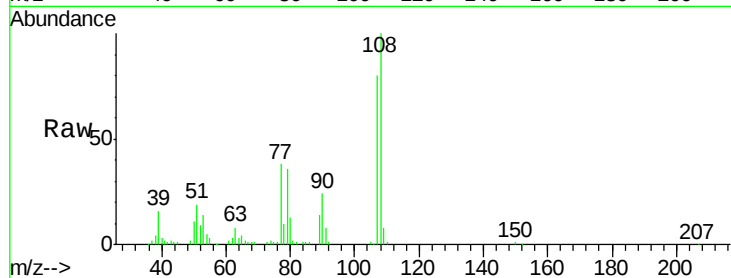
Ion Ratio Lower Upper

107 100

108 124.3 91.7 137.5

77 46.6 33.8 50.8

79 45.4 33.8 50.8

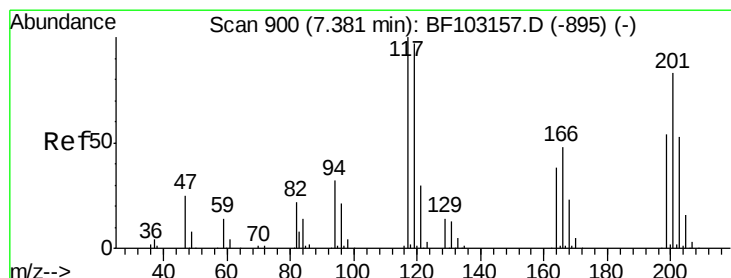
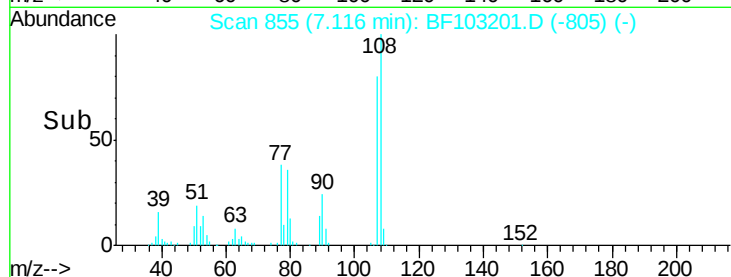
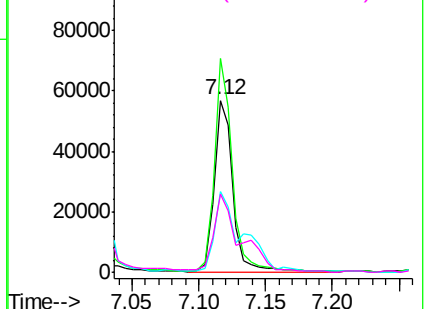


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 5.200 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

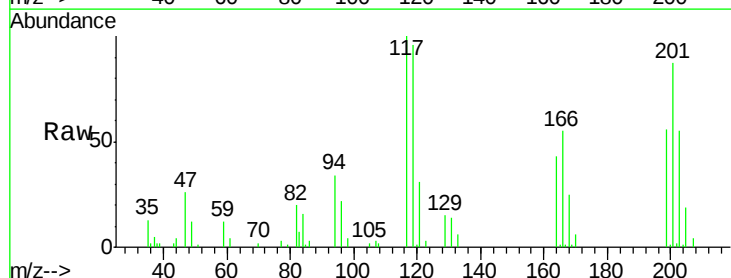
Tgt Ion:117 Resp: 26137

Ion Ratio Lower Upper

117 100

119 96.5 75.8 113.8

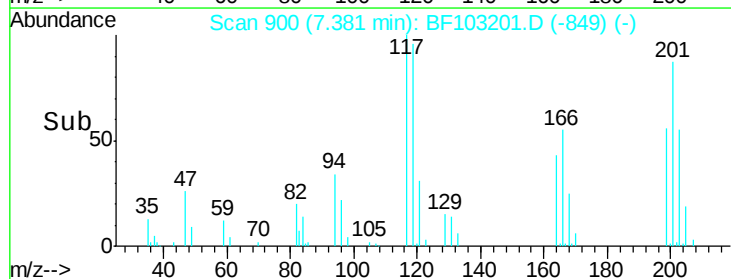
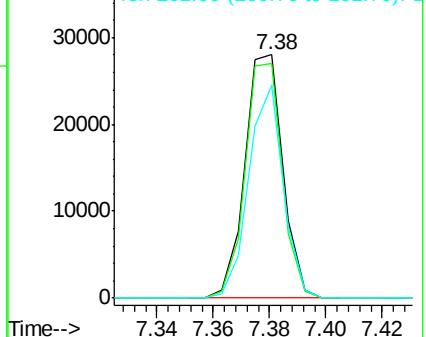
201 87.2 75.7 113.5



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

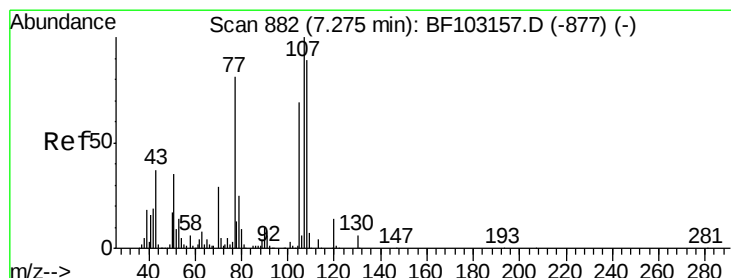
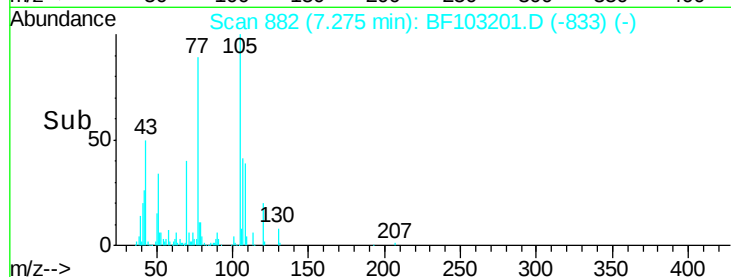
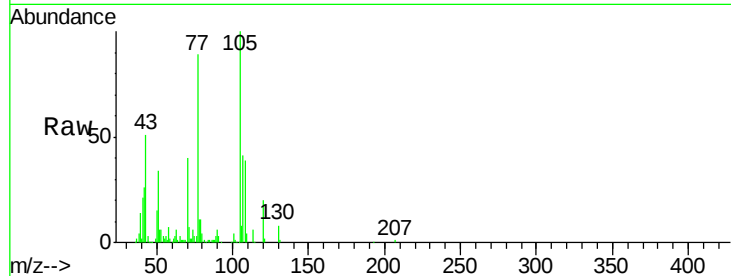
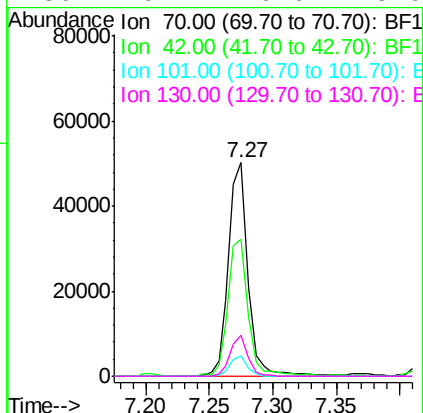




#19
n-Nitroso-di-n-propylamine
Concen: 6.085 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

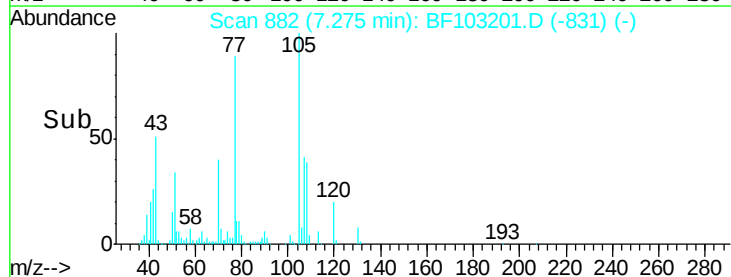
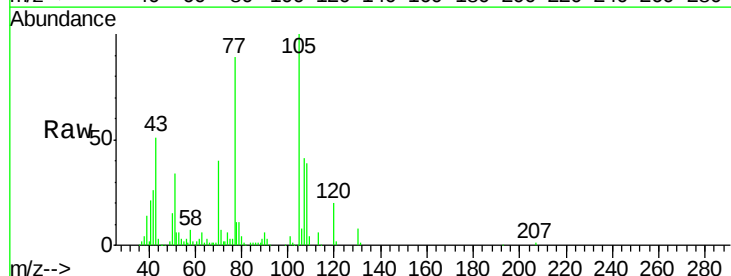
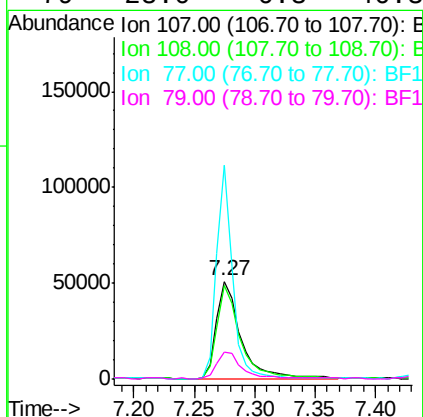
Instrument :
BNA_F
ClientSampleId :

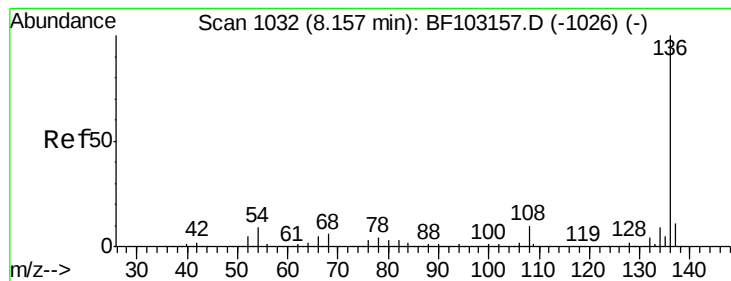
Tot Ion	Ratio	Lower	Upper
70	100		
42	64.0	47.5	71.3
101	9.6	7.4	11.2
130	19.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 5.286 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.1	68.2	108.2
77	218.8	26.7	66.7#
79	28.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 767881

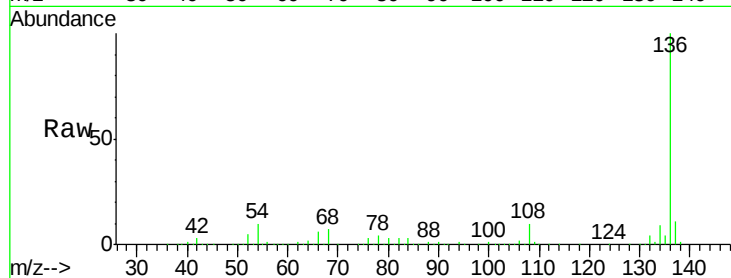
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.6 6.6 9.8

68 6.6 5.0 7.4

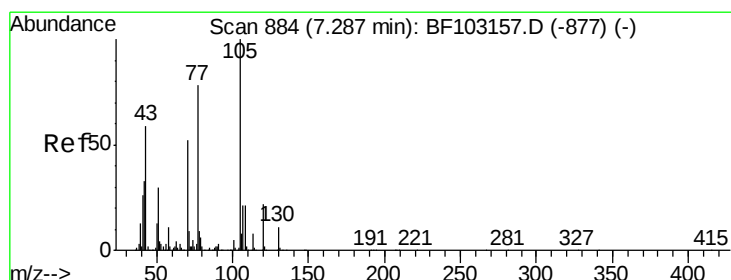
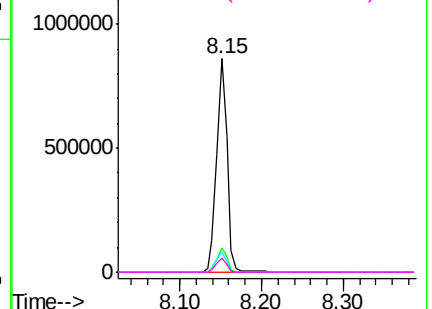
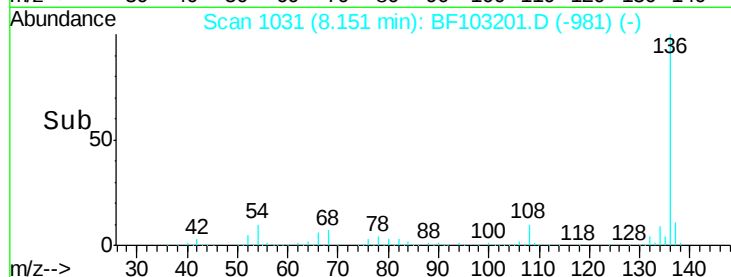


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.747 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Tgt Ion:105 Resp: 103003

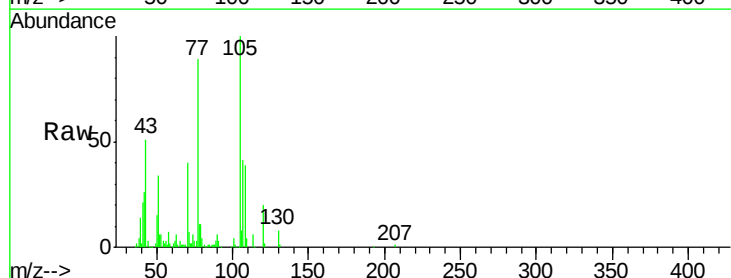
Ion Ratio Lower Upper

105 100

71 7.1 4.4 6.6#

51 34.3 22.3 33.5#

120 20.1 16.9 25.3

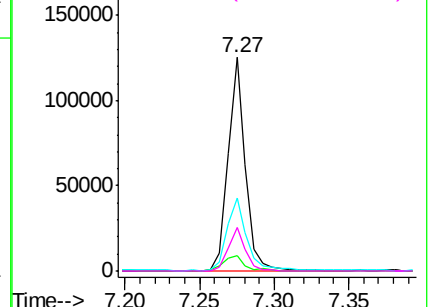
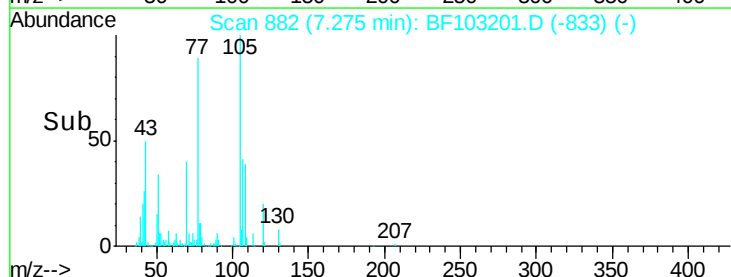


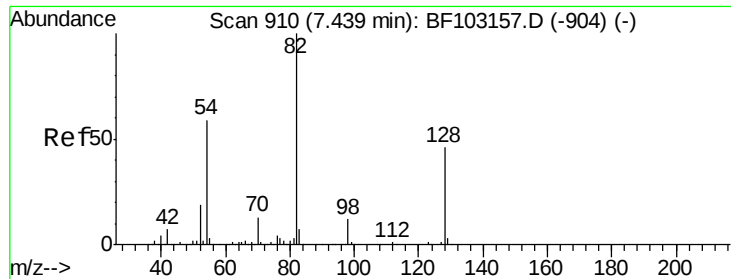
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



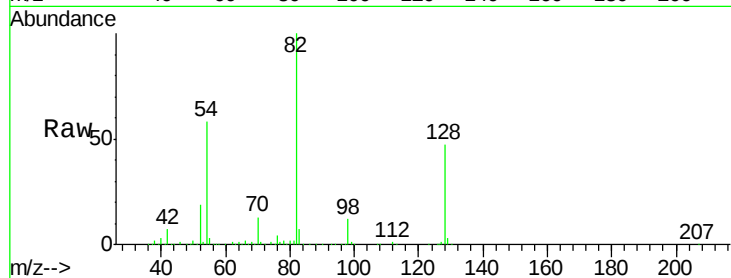


#23
 Nitrobenzene-d5
 Concen: 89.826 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

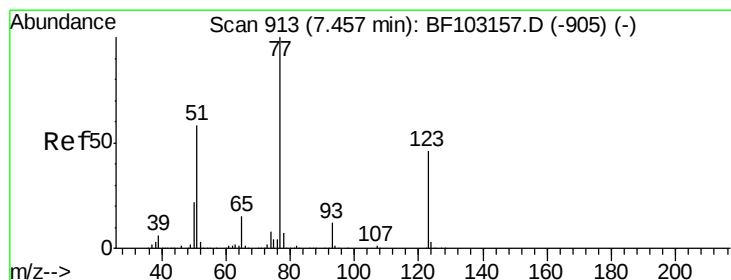
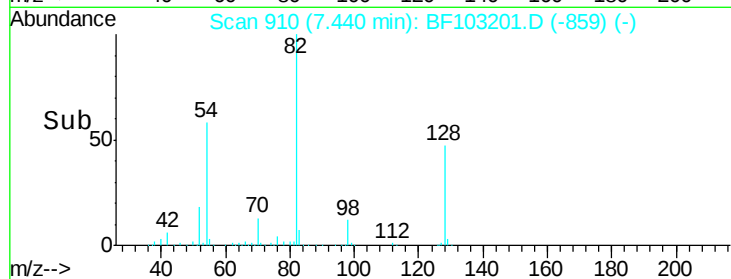
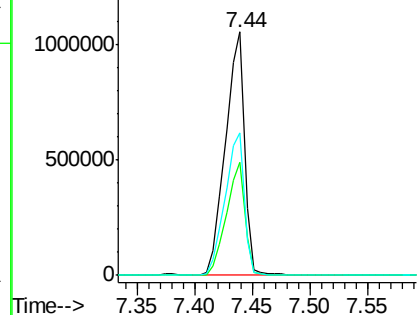
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1207798

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	58.3	41.4	62.2



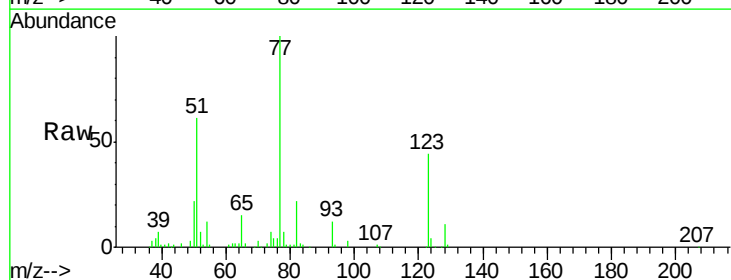
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



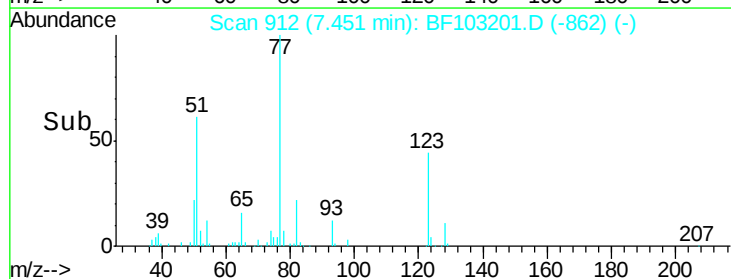
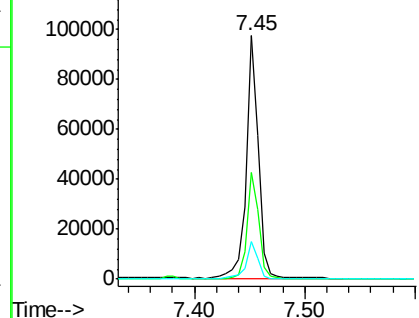
#24
 Nitrobenzene
 Concen: 5.239 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

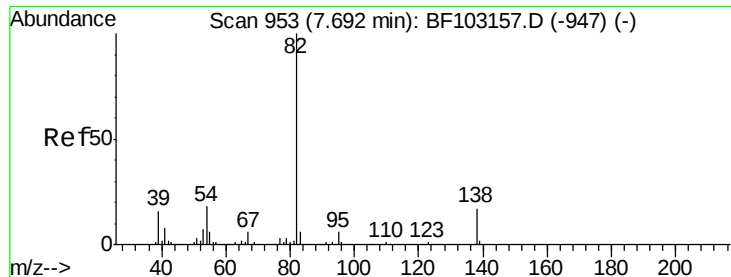
Tgt Ion: 77 Resp: 77552

Ion	Ratio	Lower	Upper
77	100		
123	43.7	37.9	56.9
65	15.5	11.0	16.4



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





#25

Isophorone

Concen: 5.021 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA_F

ClientSampleId :

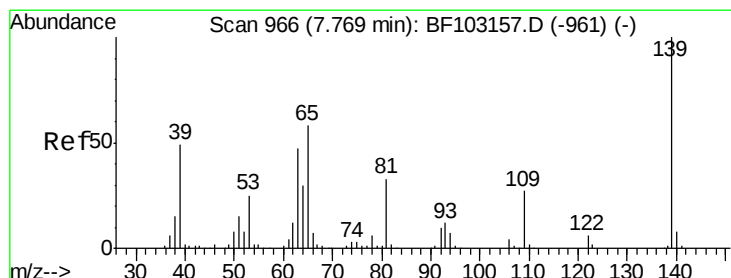
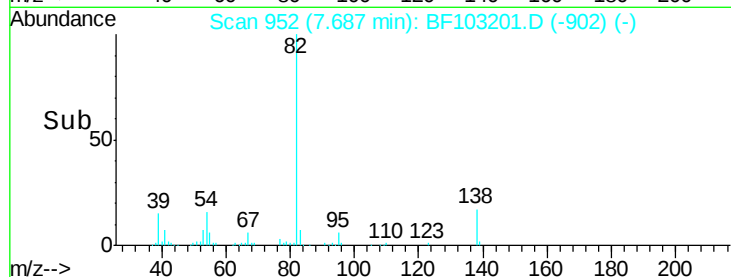
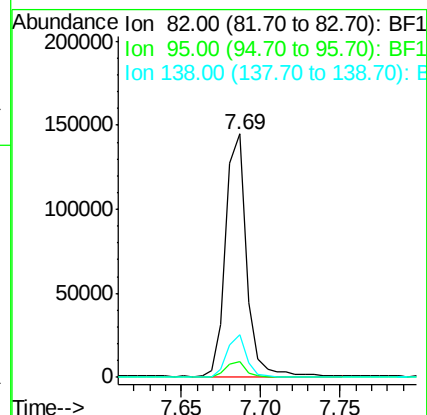
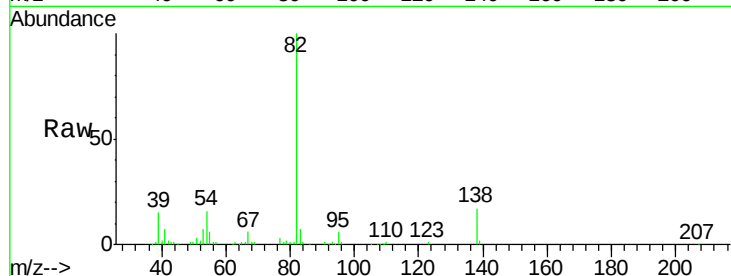
Tot Ion: 82 Resp: 132964

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 17.4 14.9 22.3



#26

2-Nitrophenol

Concen: 4.349 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

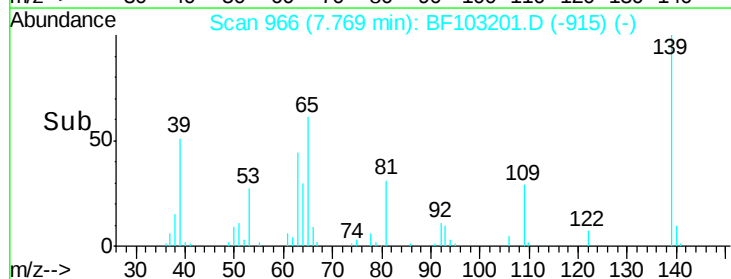
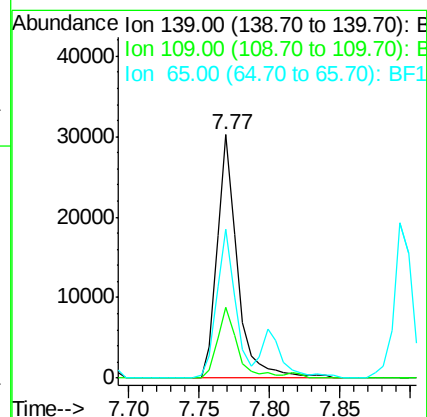
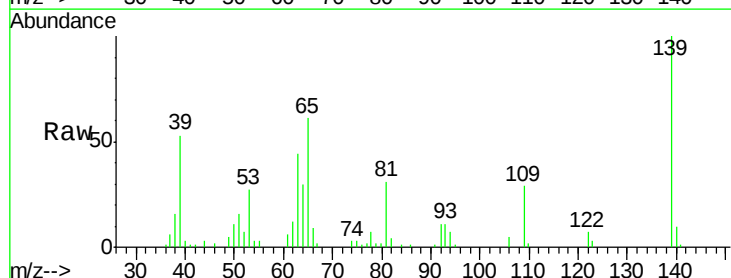
Tgt Ion: 139 Resp: 30312

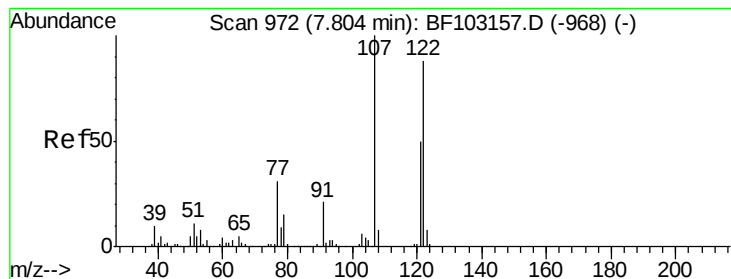
Ion Ratio Lower Upper

139 100

109 28.8 22.7 34.1

65 61.3 40.5 60.7#

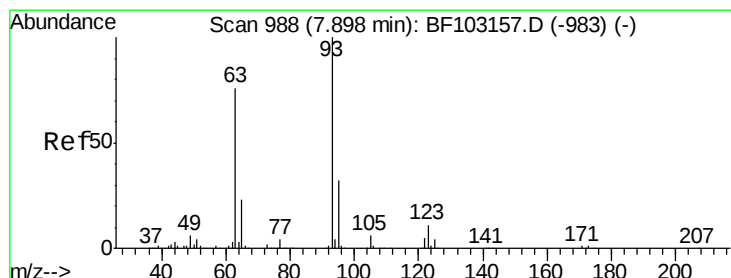
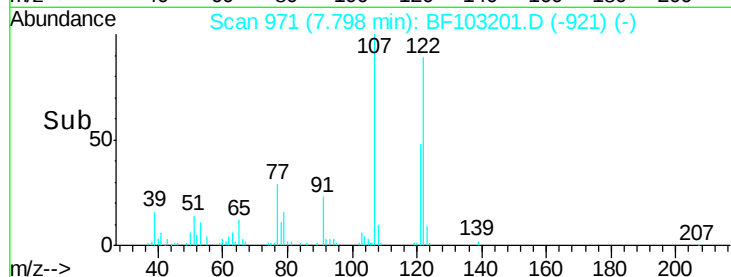
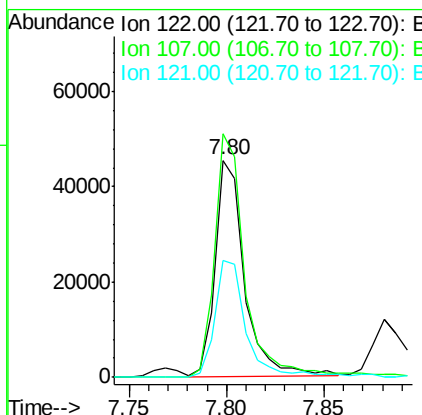
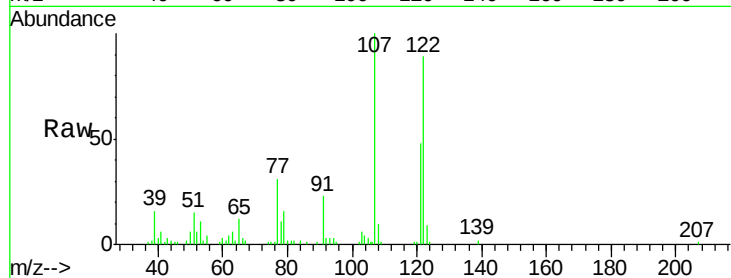




#27
 2,4-Dimethylphenol
 Concen: 4.434 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

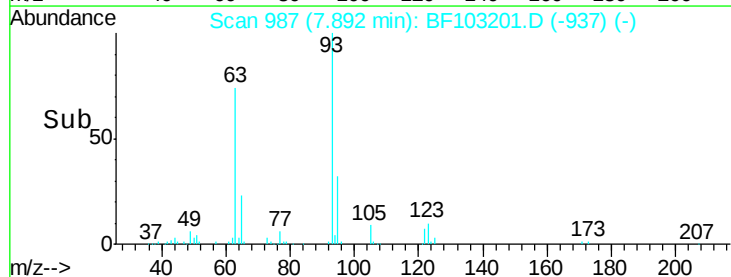
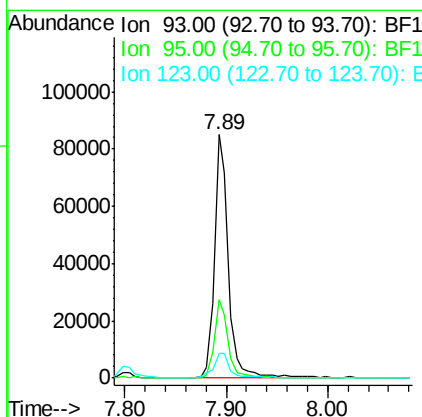
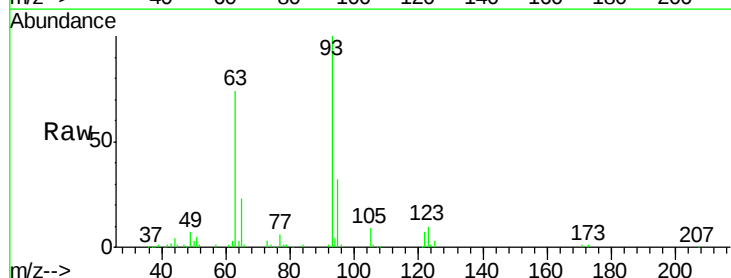
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 47238
 Ion Ratio Lower Upper
 122 100
 107 112.1 91.2 136.8
 121 53.5 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 5.230 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

Tgt Ion: 93 Resp: 81431
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.3 39.5
 123 10.4 9.8 14.6

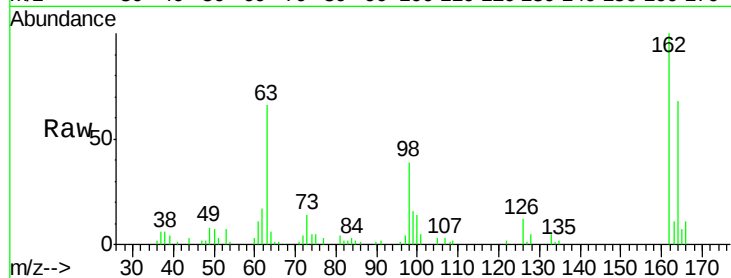




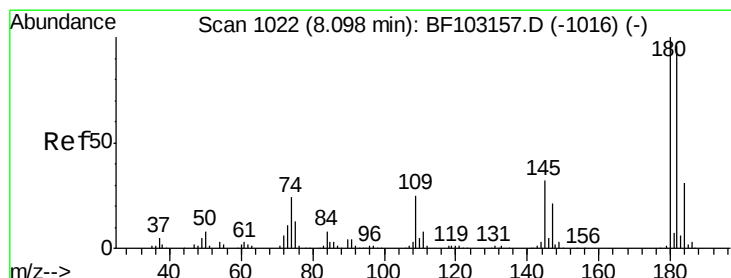
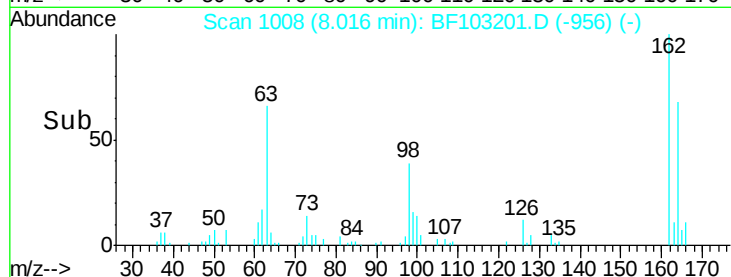
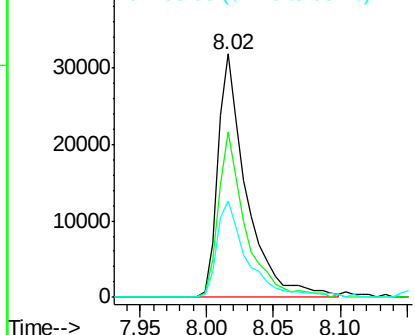
#29
2,4-Dichlorophenol
Concen: 4.689 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 47825
Ion Ratio Lower Upper
162 100
164 67.8 42.7 82.7
98 39.5 18.1 58.1

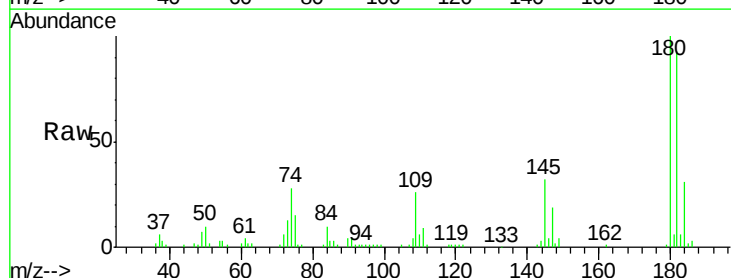


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

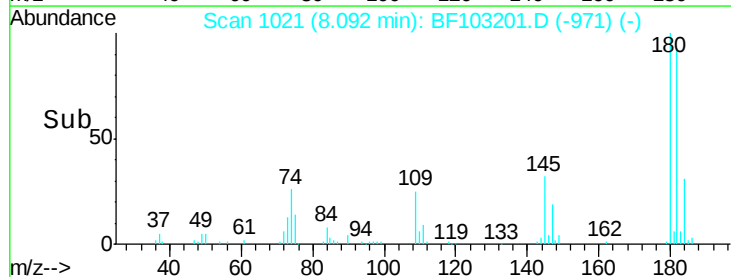
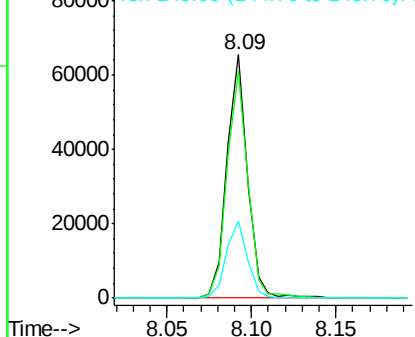


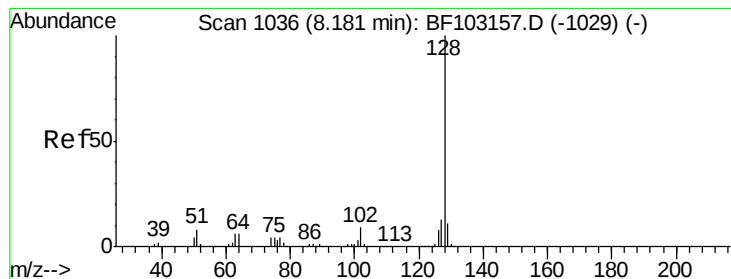
#30
1,2,4-Trichlorobenzene
Concen: 5.105 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Tgt Ion:180 Resp: 55445
Ion Ratio Lower Upper
180 100
182 93.4 76.8 115.2
145 31.9 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 5.335 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA_F

ClientSampleId :

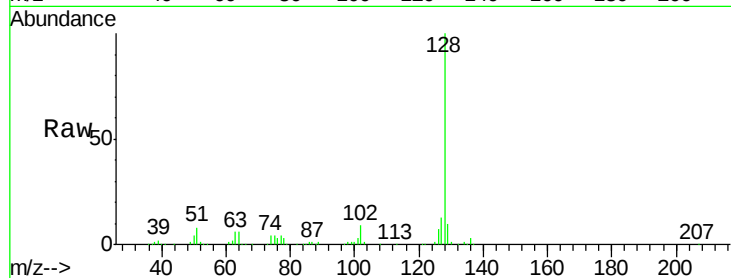
Tot Ion:128 Resp: 200579

Ion Ratio Lower Upper

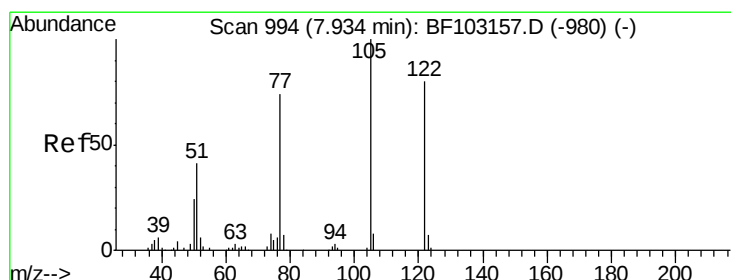
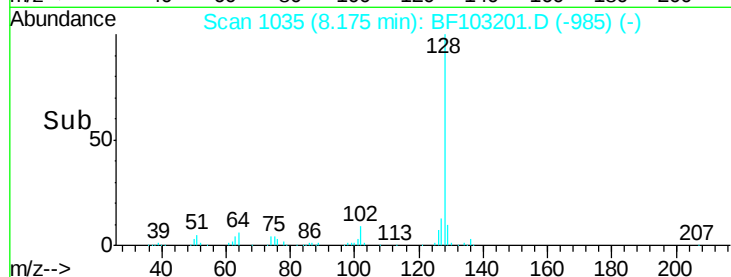
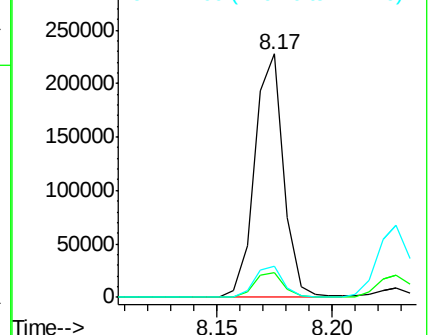
128 100

129 10.2 8.8 13.2

127 12.9 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: 9.093 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.05 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

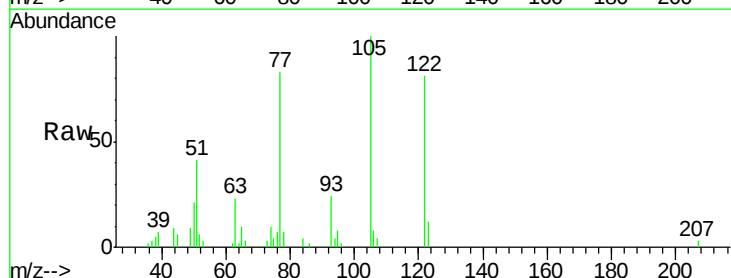
Tgt Ion:122 Resp: 20117

Ion Ratio Lower Upper

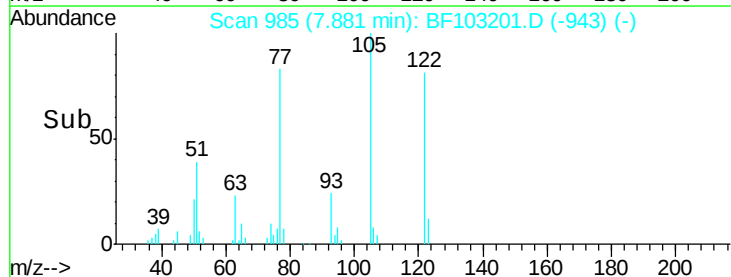
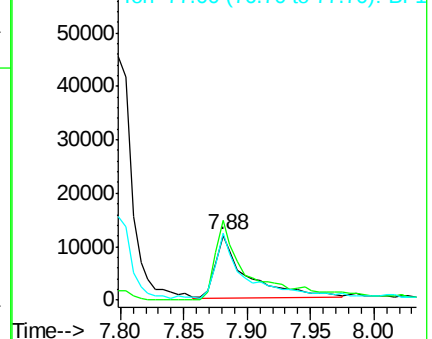
122 100

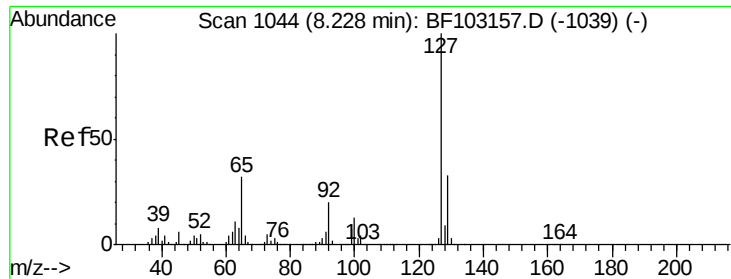
105 123.5 101.1 141.1

77 102.4 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

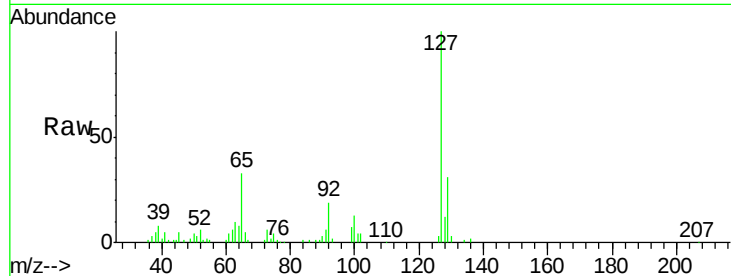




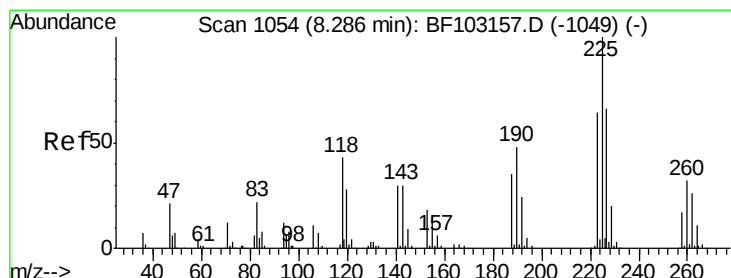
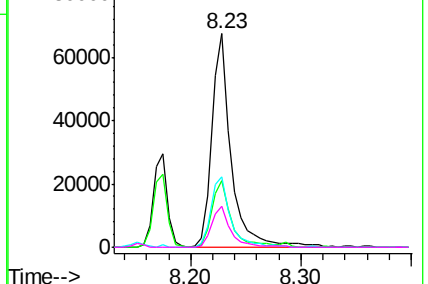
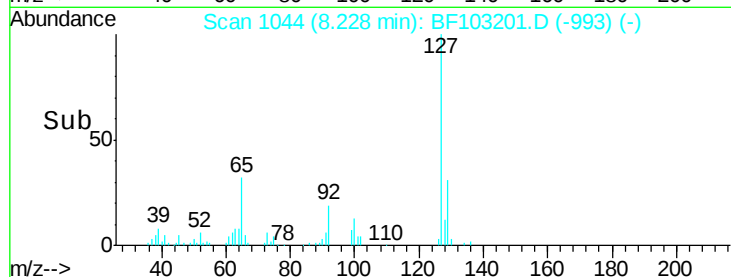
#33
4-Chloroaniline
Concen: 4.953 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	80346
Ion Ratio	Lower	Upper
127	100	
129	31.2	25.9 38.9
65	32.7	25.0 37.4
92	19.1	15.2 22.8

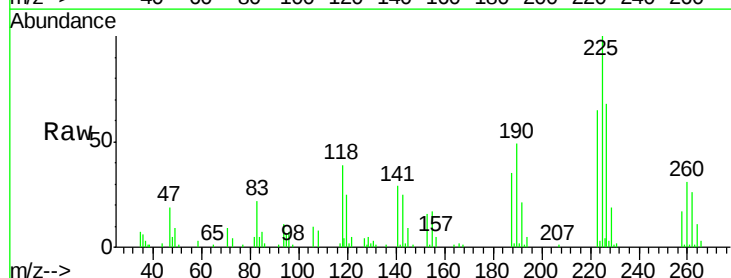


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

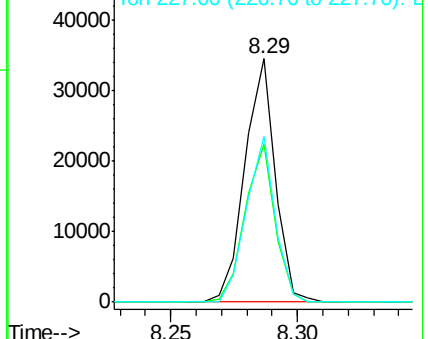
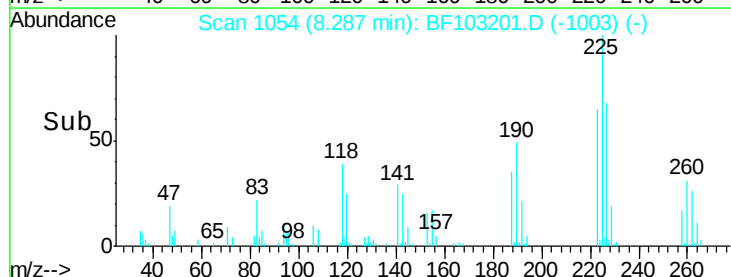


#34
Hexachlorobutadiene
Concen: 5.076 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Tgt Ion:225	Resp:	28709
Ion Ratio	Lower	Upper
225	100	
223	67.7	50.6 76.0
227	67.8	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

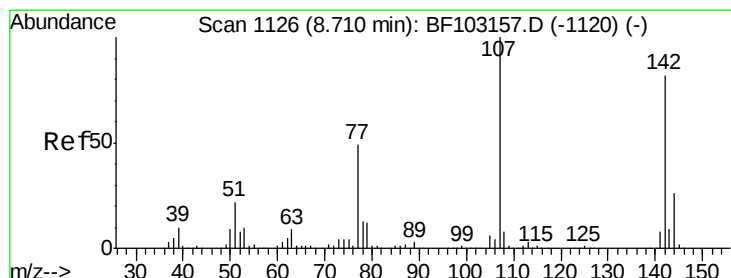
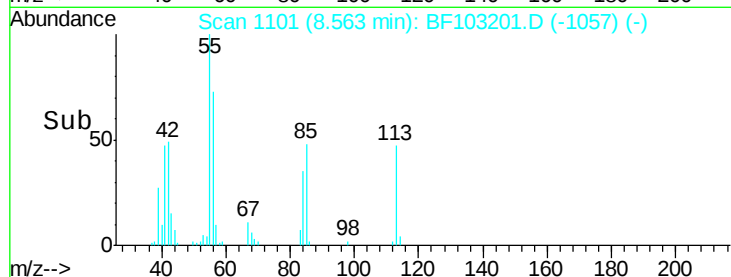
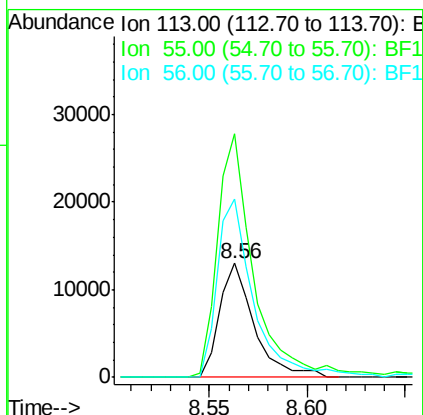
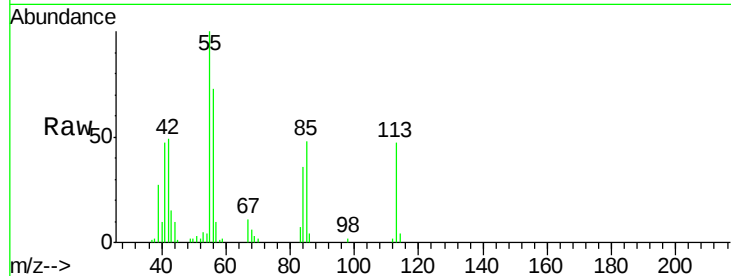




#35
 Caprolactam
 Concen: 4.447 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.04 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

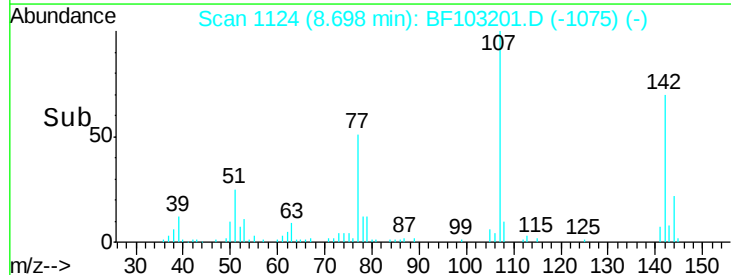
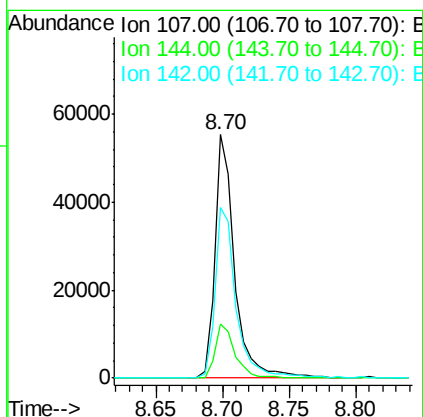
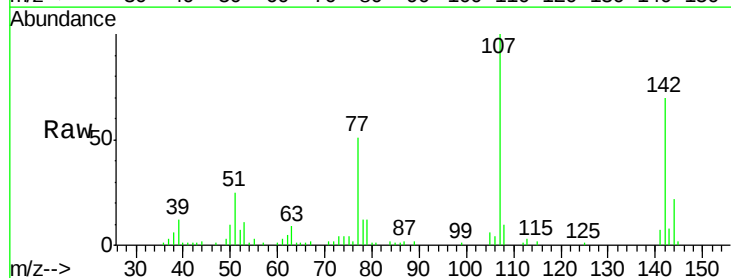
Instrument :
 BNA_F
 ClientSampleId :

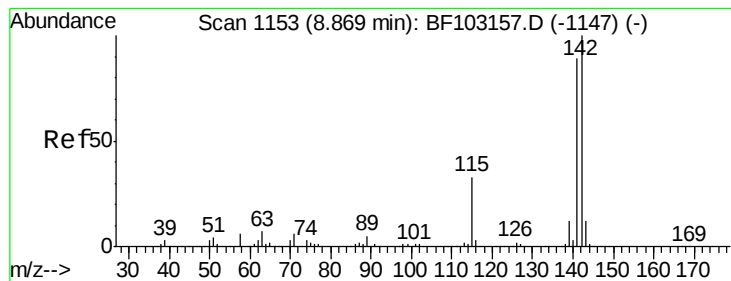
Tot Ion:113 Resp: 15940
 Ion Ratio Lower Upper
 113 100
 55 214.0 163.3 203.3#
 56 156.9 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 5.009 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

Tgt Ion:107 Resp: 57626
 Ion Ratio Lower Upper
 107 100
 144 22.0 20.5 30.7
 142 70.0 62.0 93.0





#37

2-Methylnaphthalene

Concen: 5.441 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA_F

ClientSampleId :

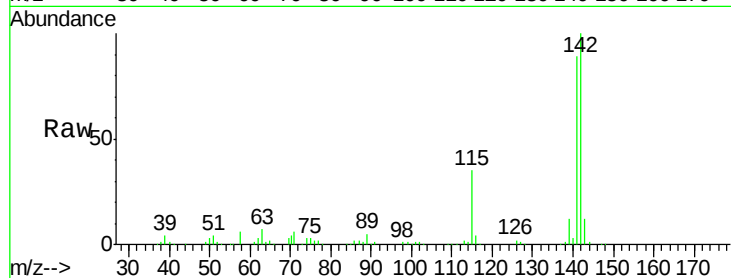
Tot Ion:142 Resp: 132193

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2

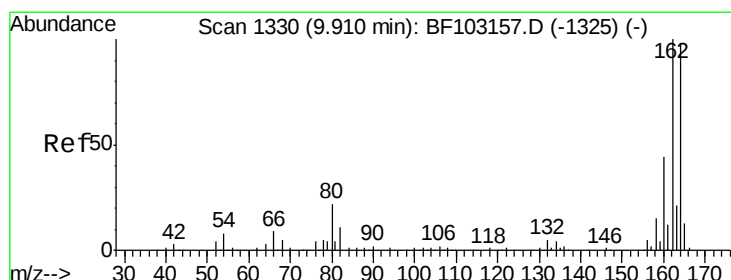
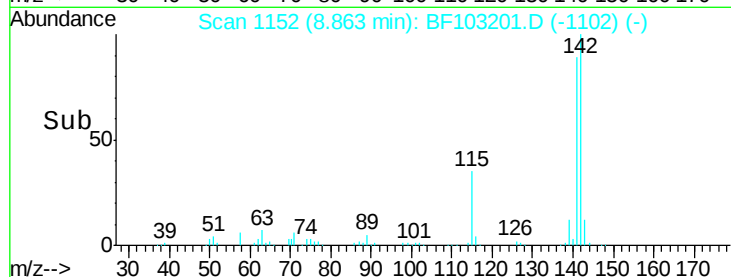
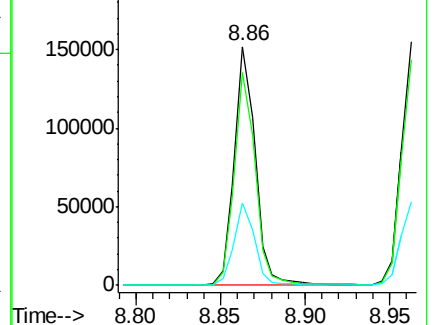
115 34.5 26.1 39.1



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: BF103201.D

Acq: 23 Feb 2018 15:57

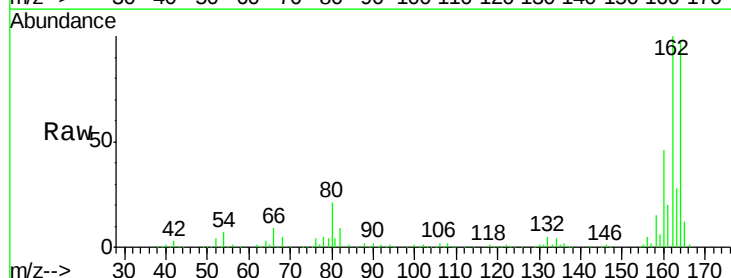
Tgt Ion:164 Resp: 358717

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

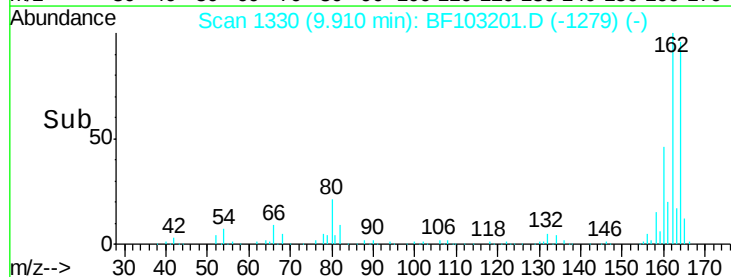
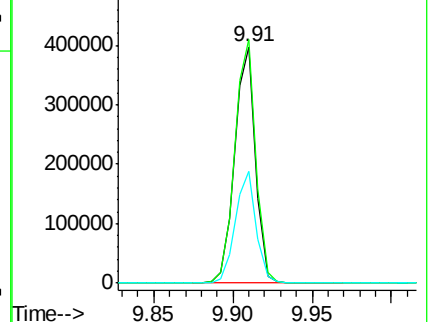
160 47.4 38.3 57.5

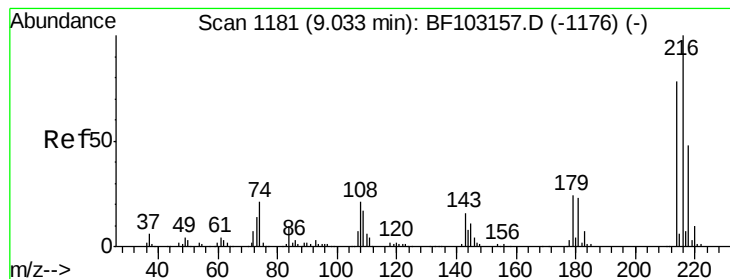


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

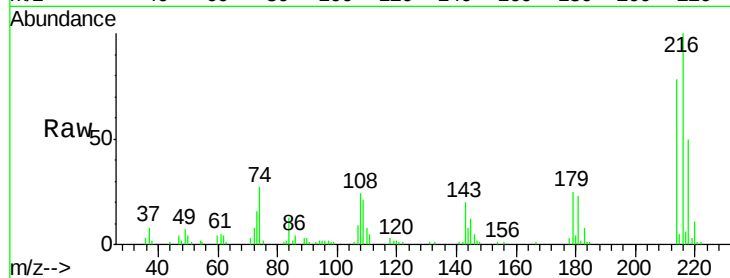




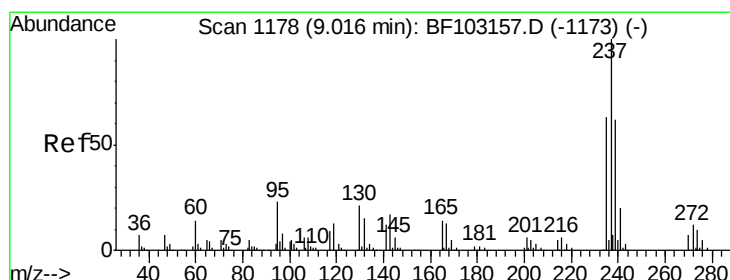
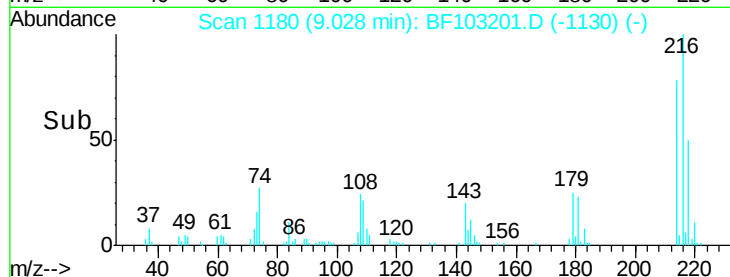
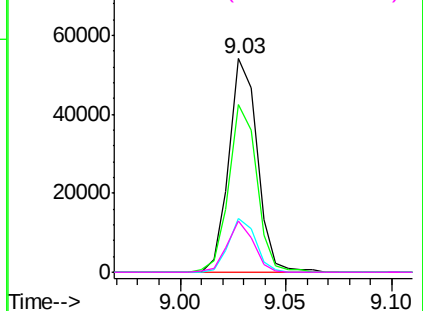
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.124 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	50251
Ion Ratio	Lower	Upper
216	100	
214	77.6	63.0 94.4
179	23.8	18.1 27.1
108	22.4	17.2 25.8

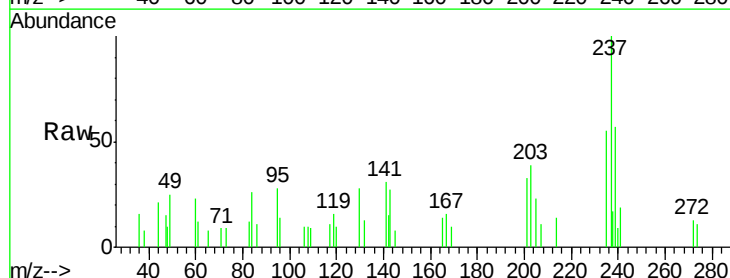


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

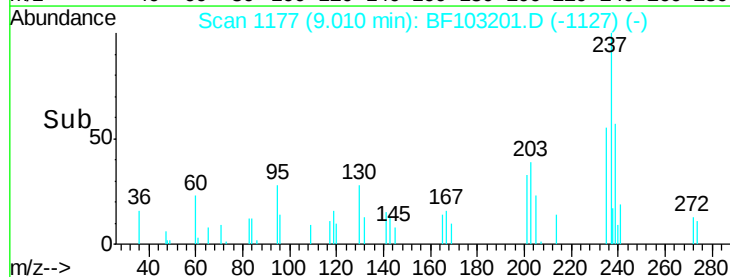
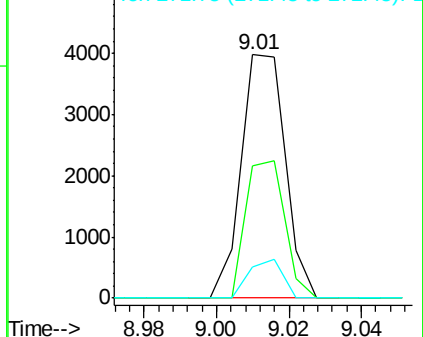


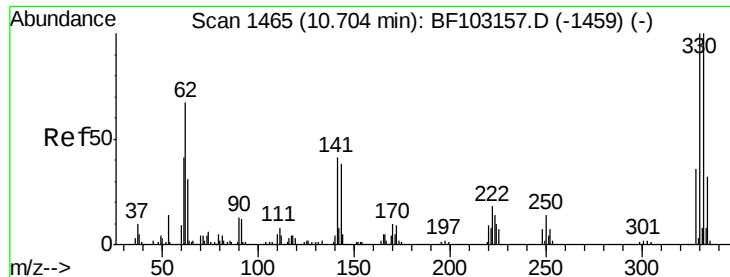
#40
 Hexachlorocyclopentadiene
 Concen: 9.745 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

Tgt Ion:237	Resp:	3356
Ion Ratio	Lower	Upper
237	100	
235	54.5	44.8 84.8
272	12.7	0.0 33.3



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





#41

2,4,6-Tribromophenol

Concen: 114.868 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA_F

ClientSampleId :

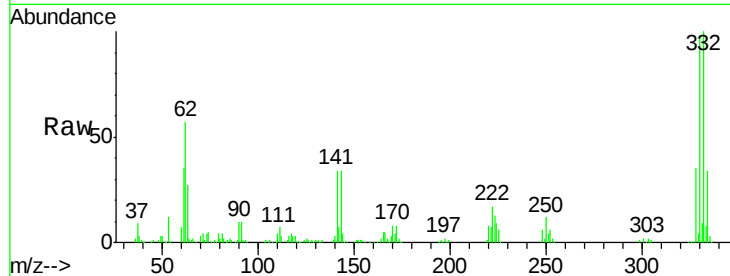
Tot Ion:330 Resp: 348779

Ion Ratio Lower Upper

330 100

332 101.8 77.0 115.6

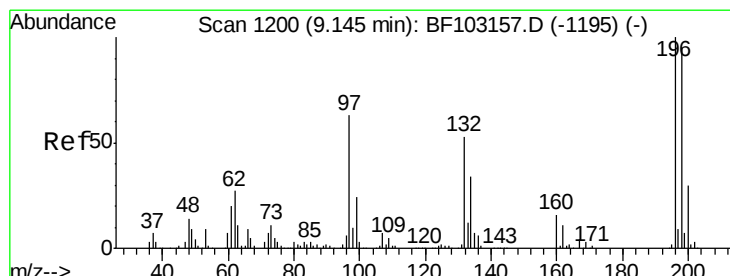
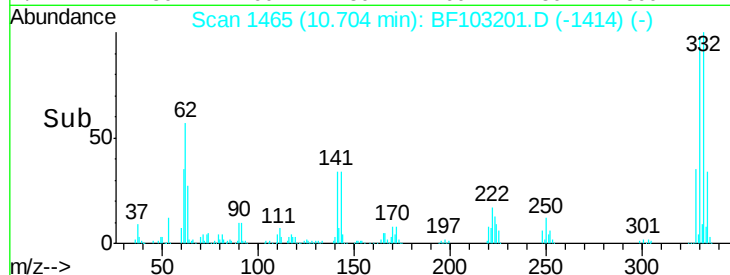
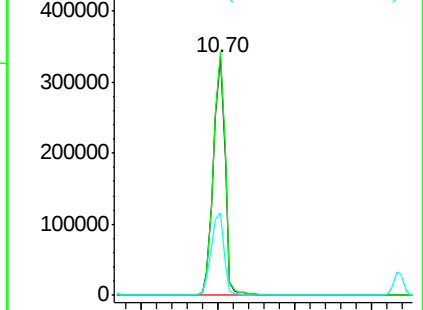
141 38.2 29.9 44.9



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: 4.505 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

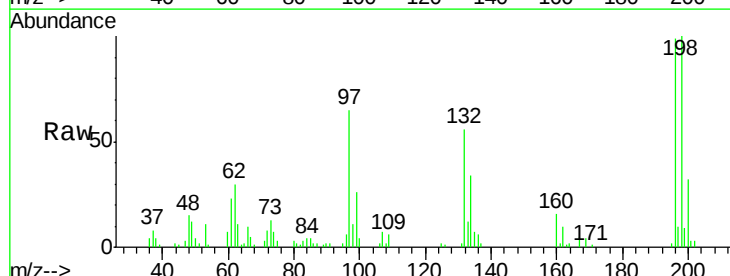
Tgt Ion:196 Resp: 29726

Ion Ratio Lower Upper

196 100

198 101.2 75.7 113.5

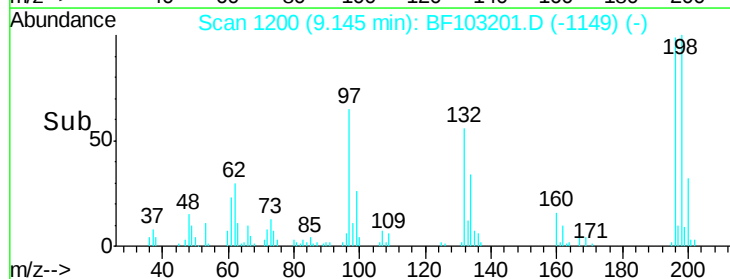
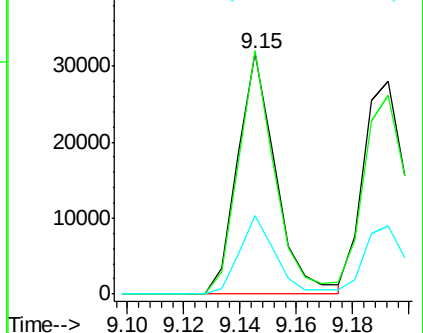
200 32.8 24.5 36.7

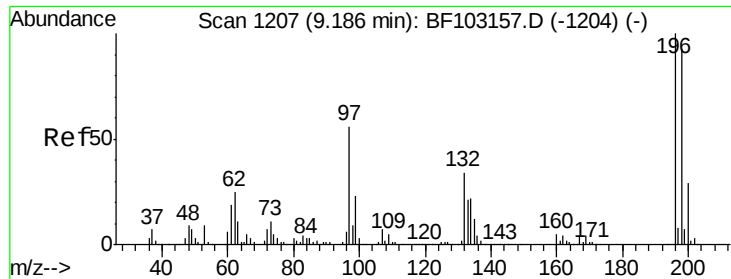


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

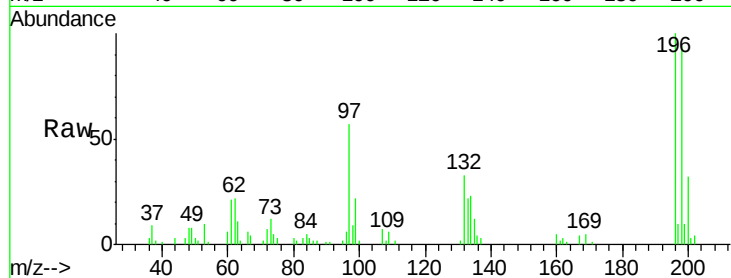




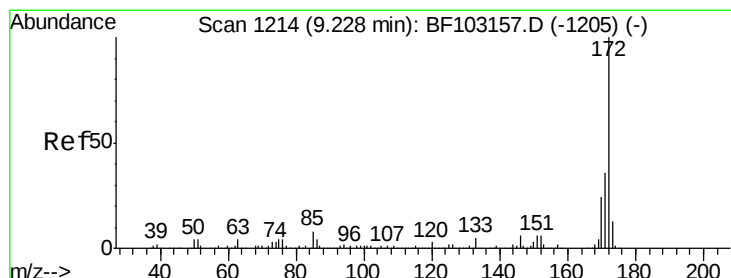
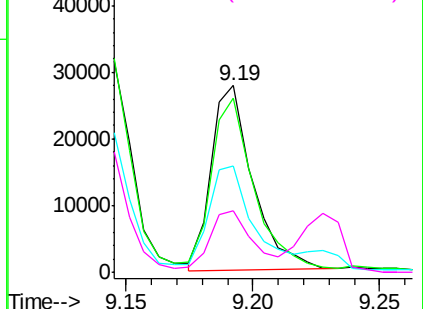
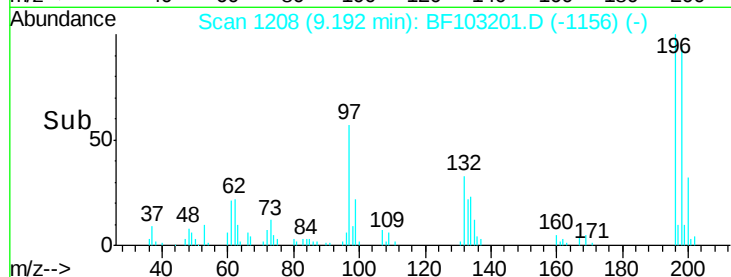
#43
 2,4,5-Trichlorophenol
 Concen: 4.151 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	93.6	74.6	112.0	
97	56.7	42.9	64.3	
132	33.3	26.3	39.5	

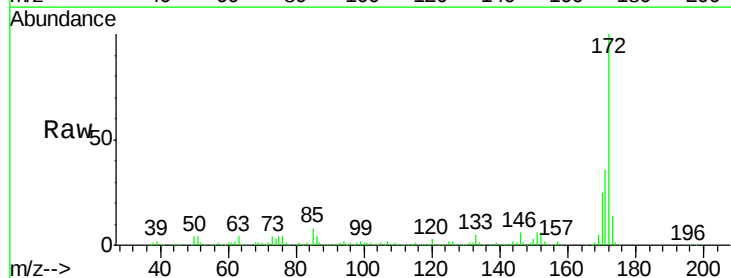


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

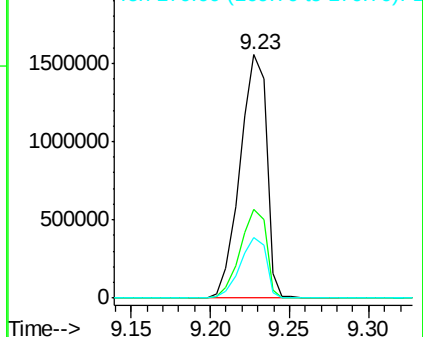
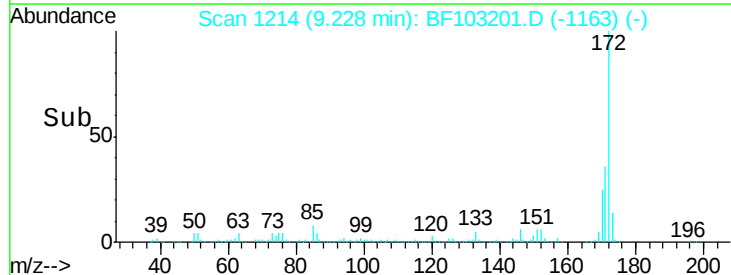


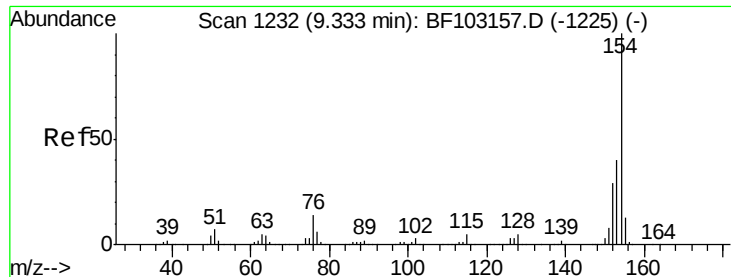
#44
 2-Fluorobiphenyl
 Concen: 87.378 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.2	29.7	44.5	
170	24.7	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

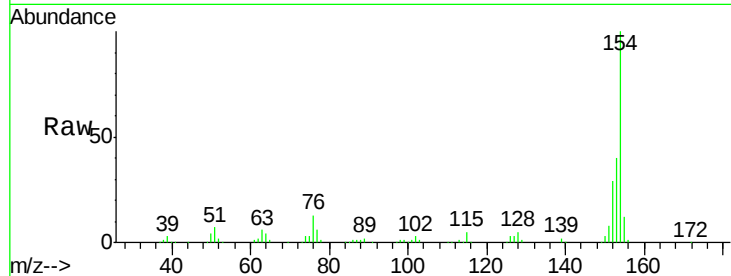




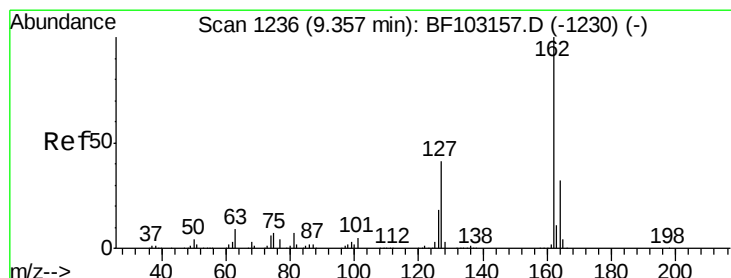
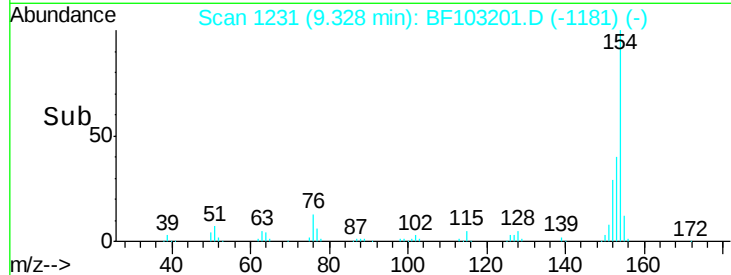
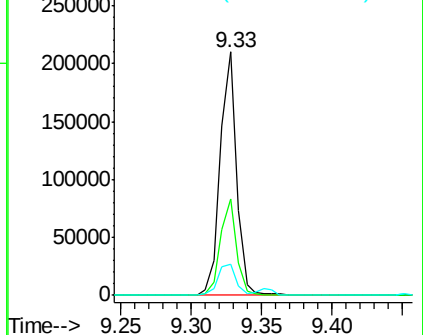
#45
 1,1'-Biphenyl
 Concen: 5.658 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:154 Resp: 170071
 Ion Ratio Lower Upper
 154 100
 153 39.7 21.3 61.3
 76 13.0 0.0 34.0

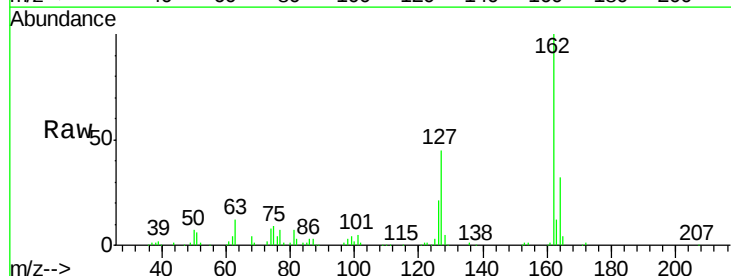


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

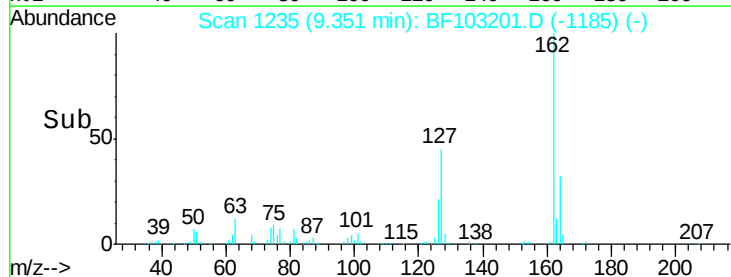
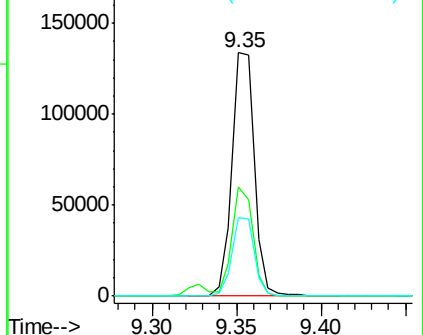


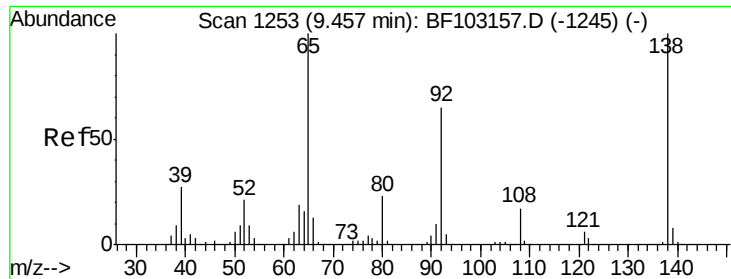
#46
 2-Chloronaphthalene
 Concen: 5.183 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

Tgt Ion:162 Resp: 123257
 Ion Ratio Lower Upper
 162 100
 127 44.9 33.9 50.9
 164 32.2 26.5 39.7



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

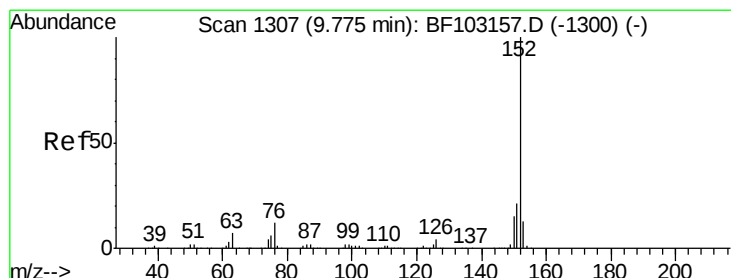
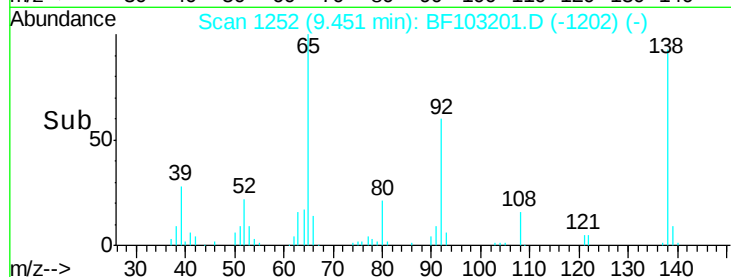
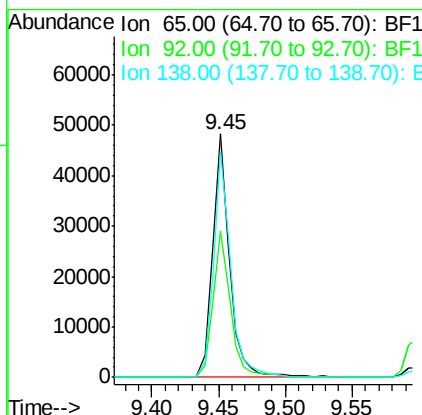
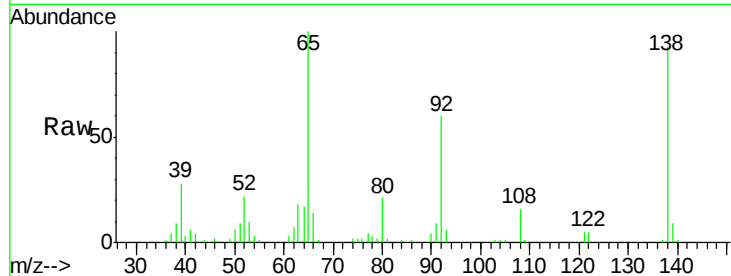




#47
2-Nitroaniline
Concen: 4.923 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

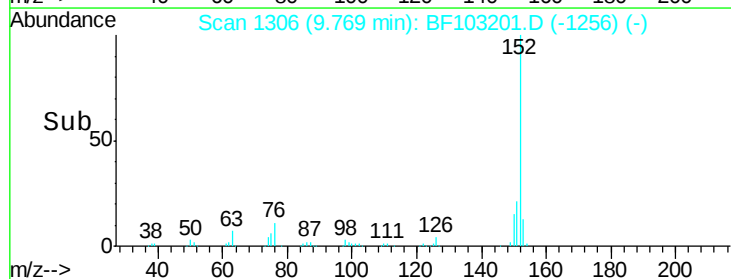
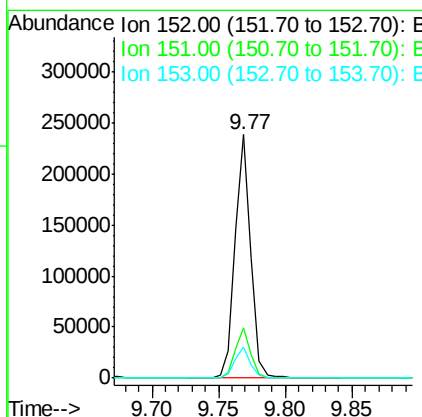
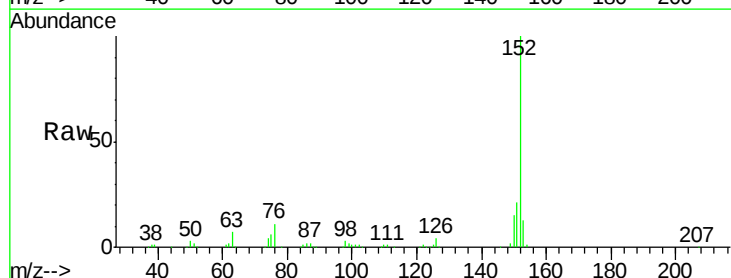
Instrument :
BNA_F
ClientSampled :

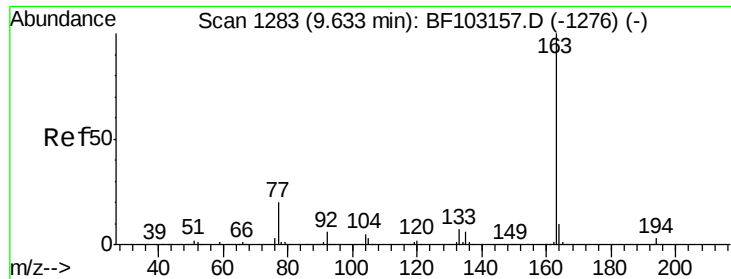
Tot Ion: 65 Resp: 43367
Ion Ratio Lower Upper
65 100
92 60.0 55.8 83.6
138 92.9 91.2 136.8



#48
Acenaphthylene
Concen: 5.396 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Tgt Ion: 152 Resp: 197425
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 12.8 10.7 16.1

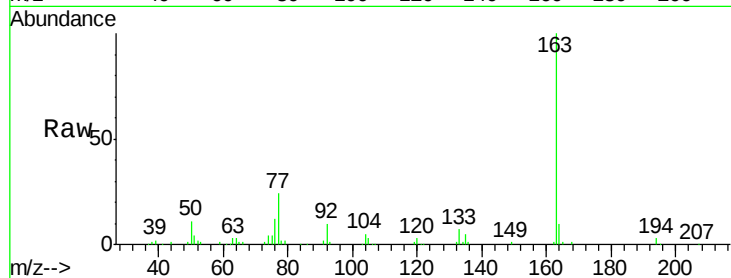




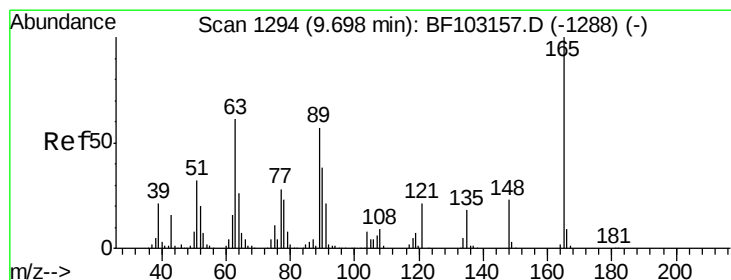
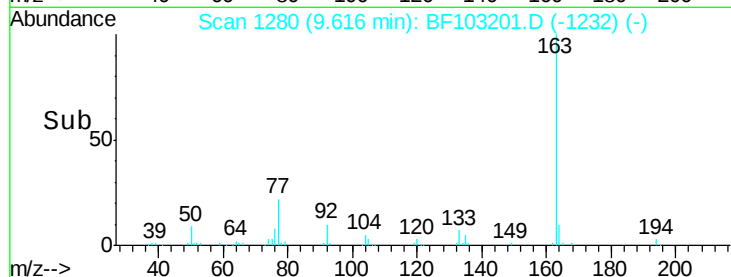
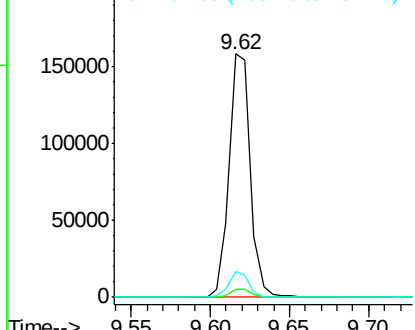
#49
Dimethylphthalate
Concen: 5.117 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 147252
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.5 8.2 12.2

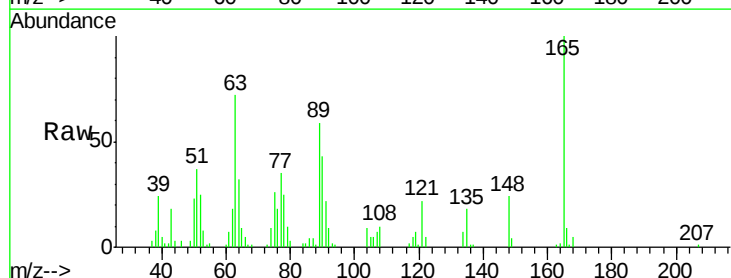


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

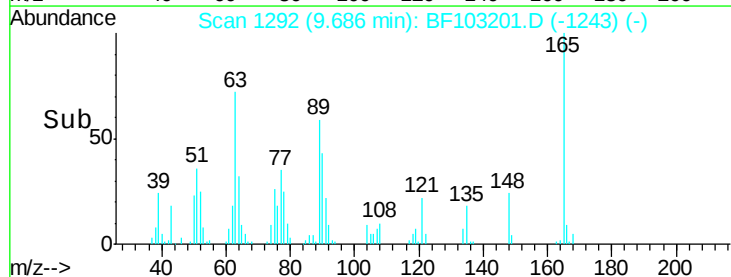
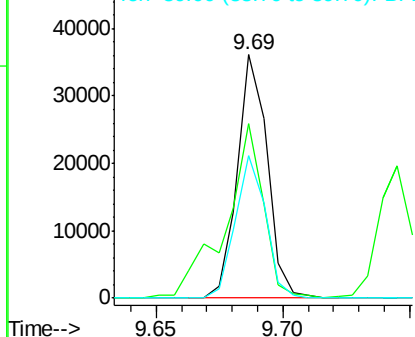


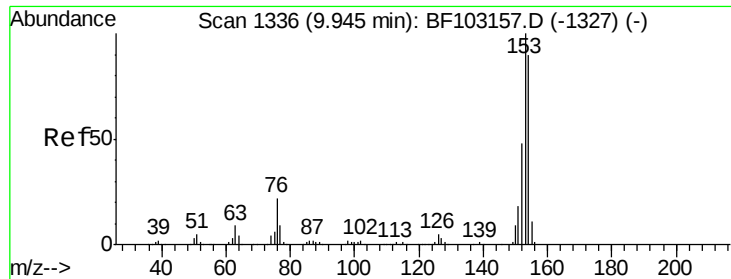
#50
2,6-Dinitrotoluene
Concen: 4.883 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Tgt Ion:165 Resp: 29488
Ion Ratio Lower Upper
165 100
63 71.5 44.7 67.1#
89 58.7 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: 5.421 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA_F

ClientSampleId :

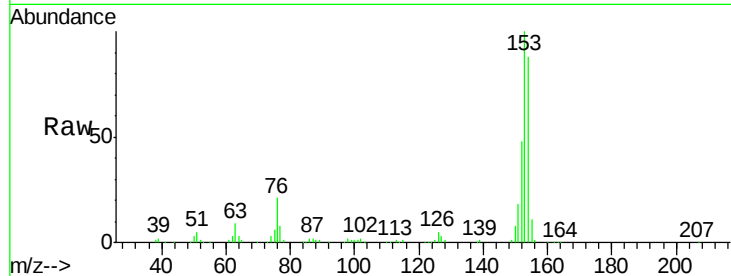
Tot Ion:154 Resp: 115664

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

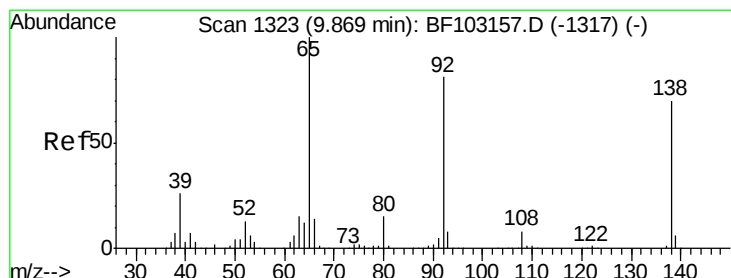
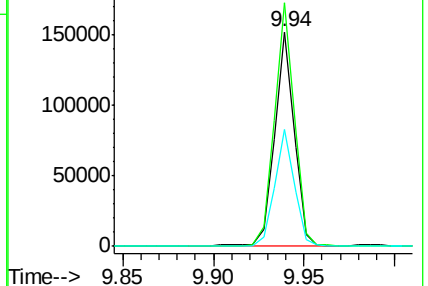
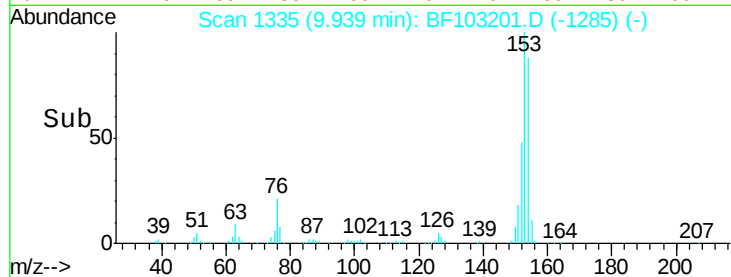
152 54.7 43.8 65.8



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: 4.609 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

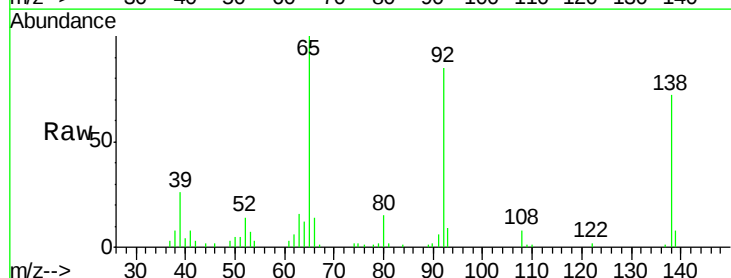
Tgt Ion:138 Resp: 35314

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

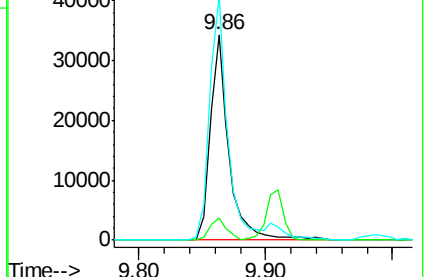
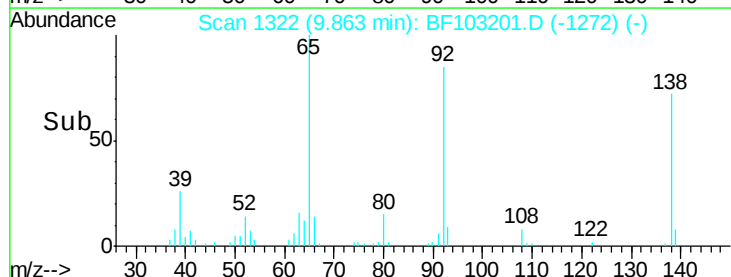
92 118.4 89.4 134.2

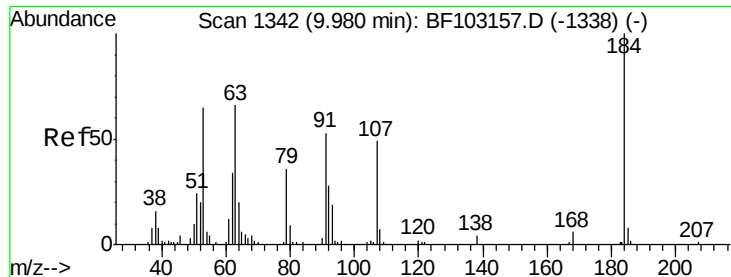


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

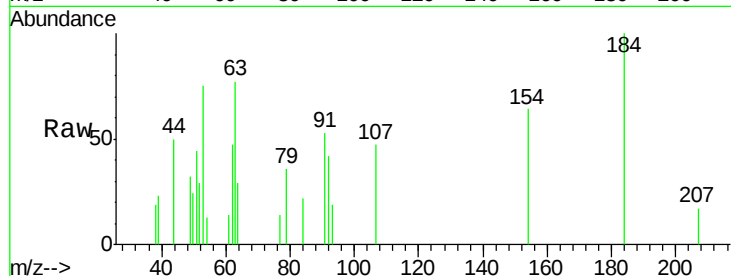




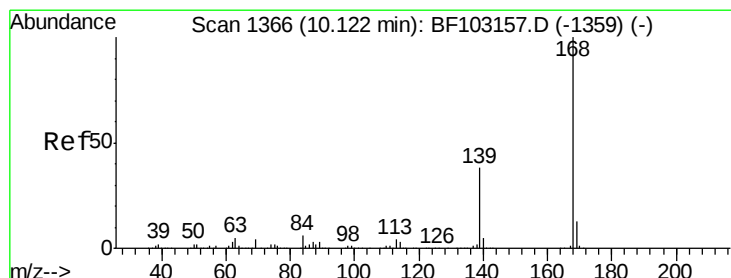
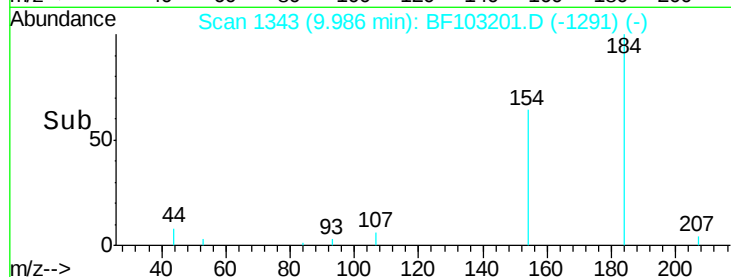
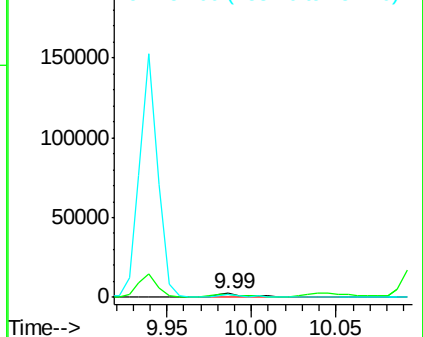
#53
2,4-Dinitrophenol
Concen: 11.187 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 3882
Ion Ratio Lower Upper
184 100
63 76.6 54.2 81.2
154 63.9 184.0 276.0#

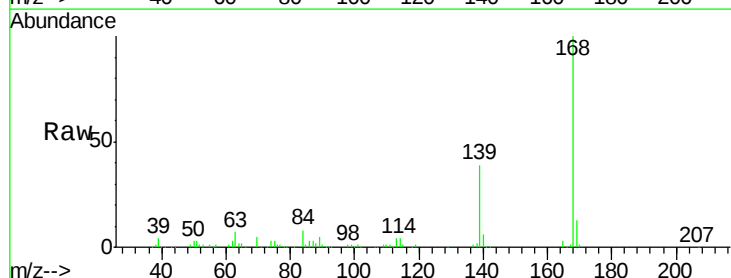


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

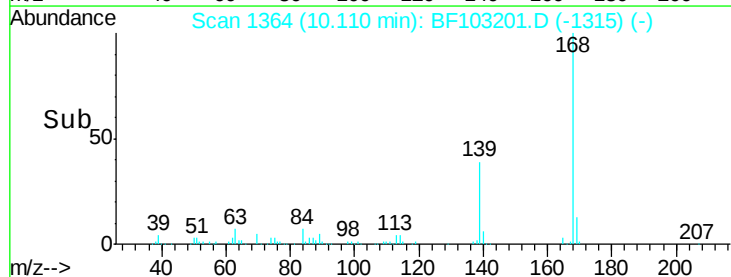
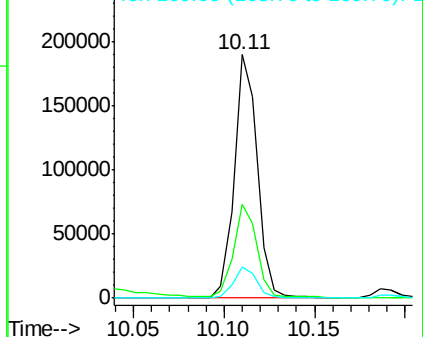


#54
Dibenzofuran
Concen: 5.765 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Tgt Ion:168 Resp: 168836
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 13.0 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

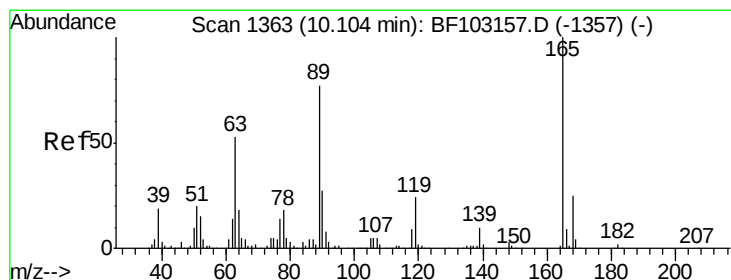
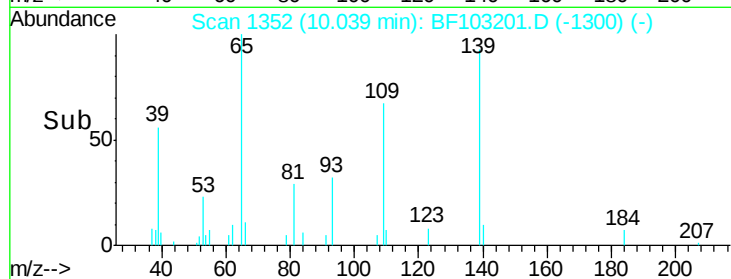
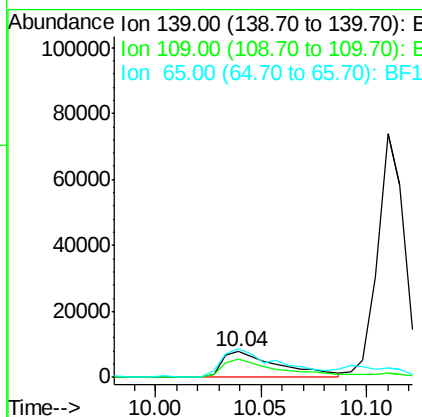
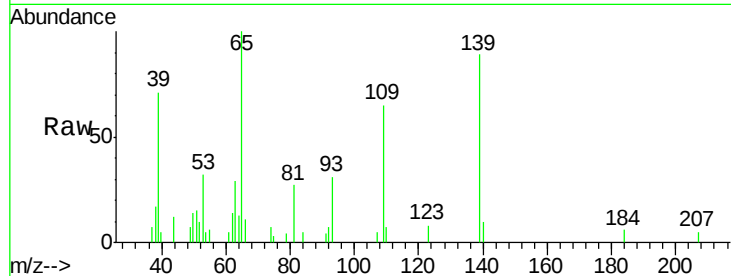




#55
4-Nitrophenol
Concen: 3.076 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

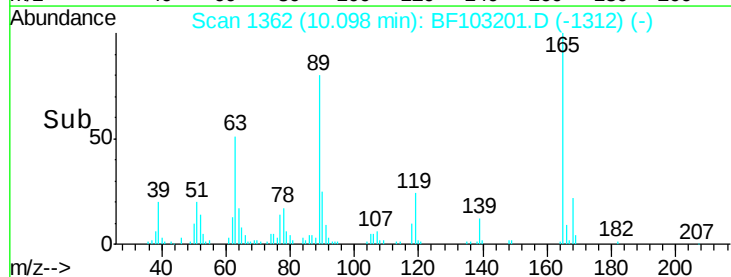
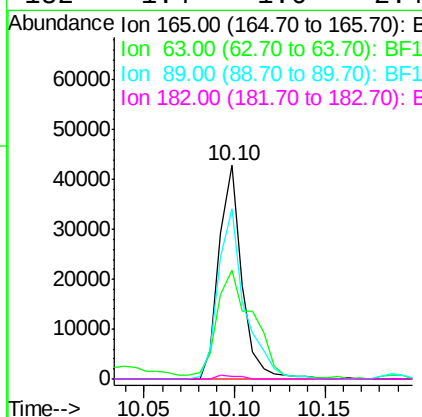
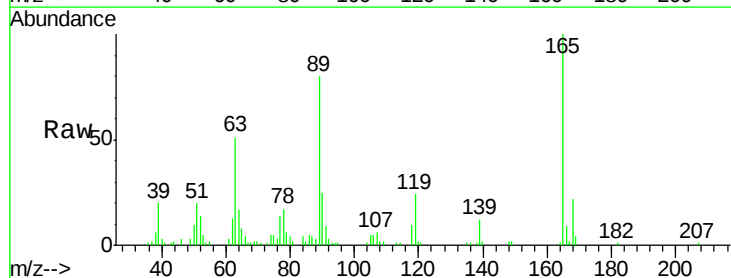
Instrument :
BNA_F
ClientSampled :

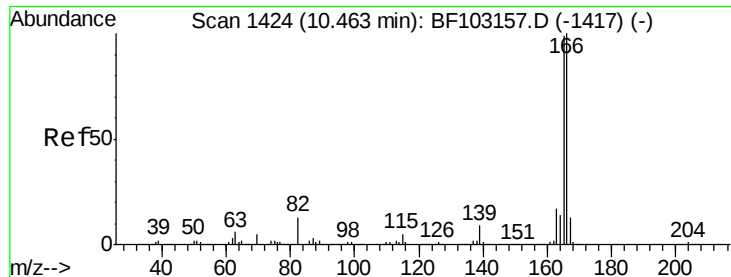
Tot Ion:139 Resp: 14606
Ion Ratio Lower Upper
139 100
109 72.4 48.4 88.4
65 112.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 4.957 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Tgt Ion:165 Resp: 37858
Ion Ratio Lower Upper
165 100
63 50.8 36.4 54.6
89 80.0 57.8 86.6
182 1.4 1.6 2.4#

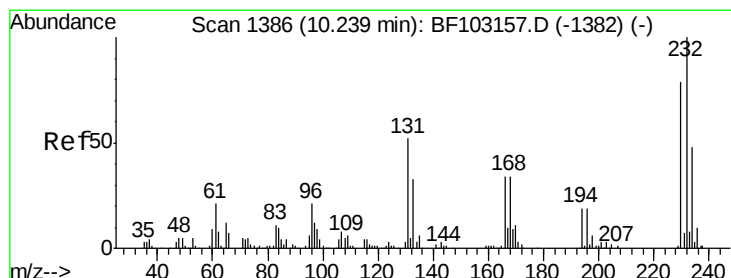
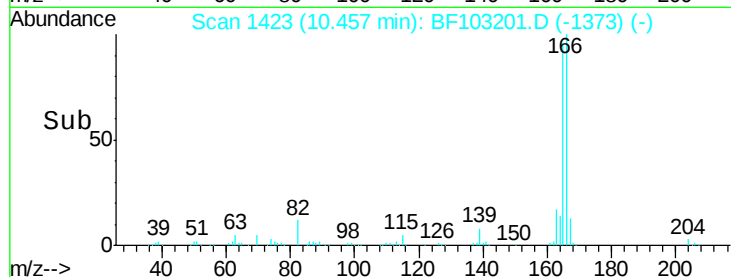
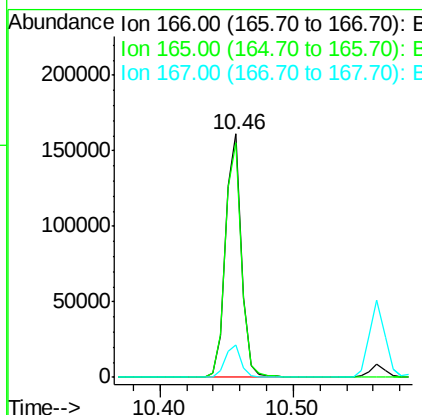
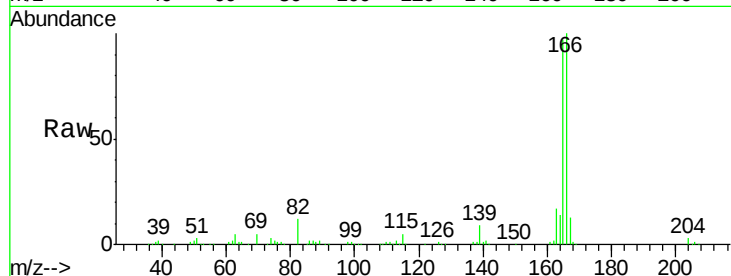




#57
 Fluorene
 Concen: 5.439 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

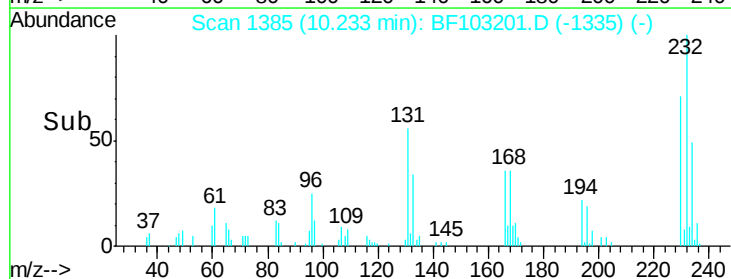
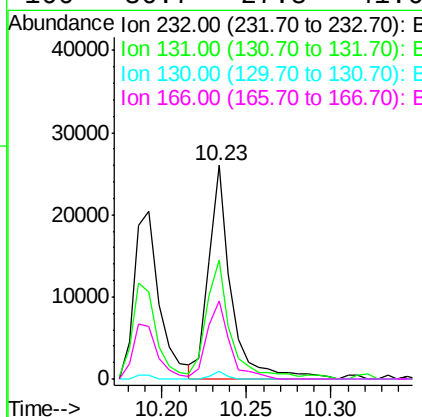
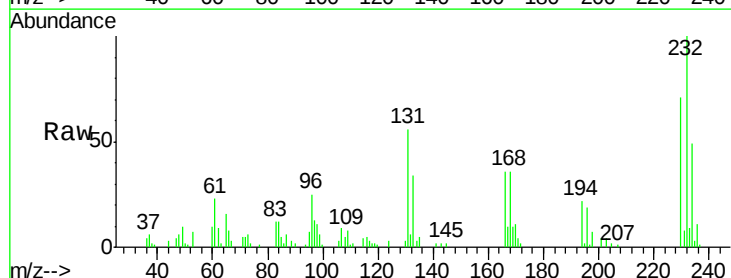
Instrument :
 BNA_F
 ClientSampleId :

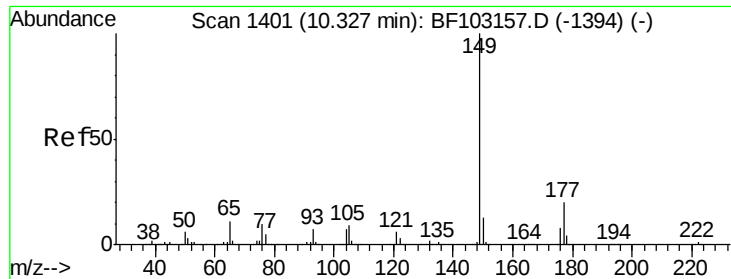
Tot Ion	166	Resp	135699
Ion Ratio	Lower	Upper	
166	100		
165	96.5	79.8	119.8
167	13.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.777 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

Tgt Ion	232	Resp	24354
Ion Ratio	Lower	Upper	
232	100		
131	60.7	43.8	65.8
130	2.2	2.1	3.1
166	36.7	27.8	41.6

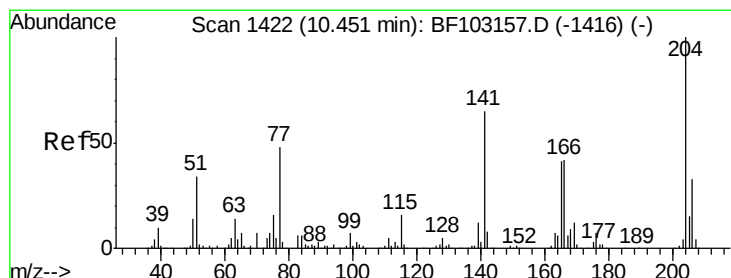
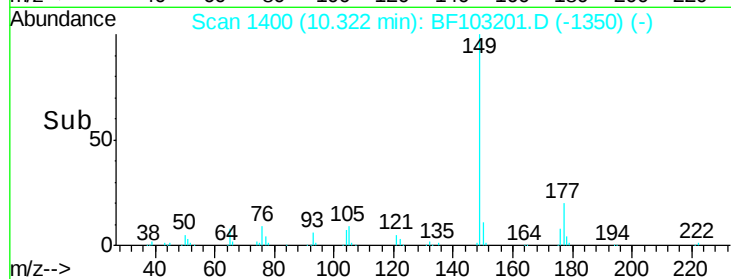
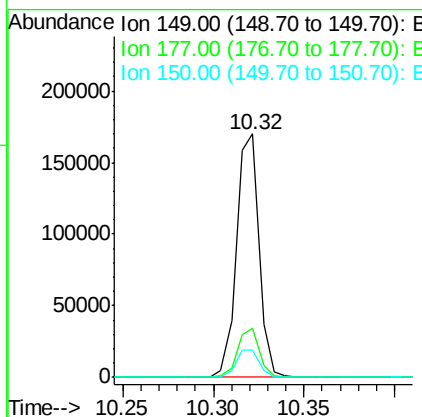
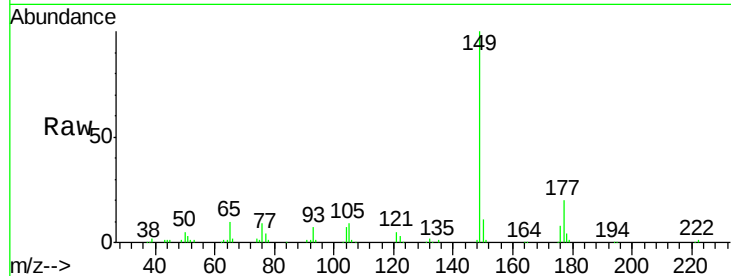




#59
Diethylphthalate
Concen: 5.345 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

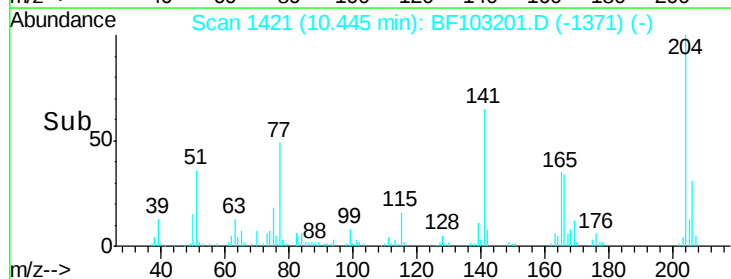
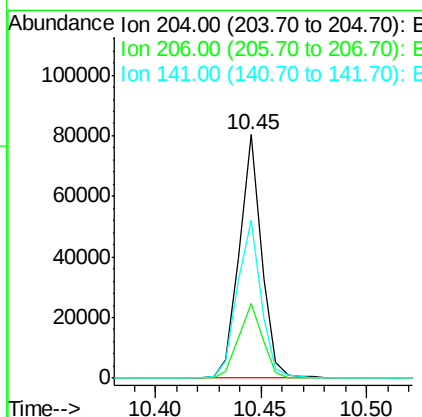
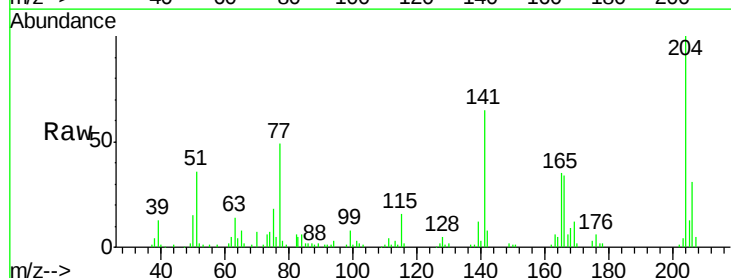
Instrument :
BNA_F
ClientSampleId :

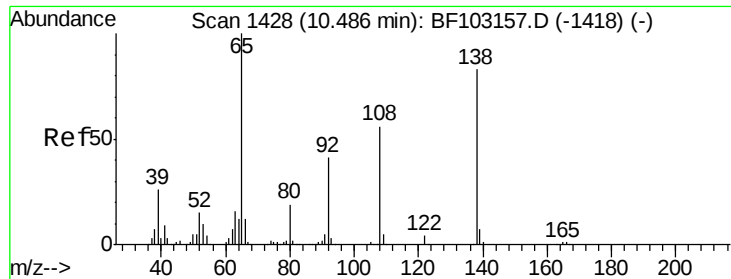
Tot Ion:149 Resp: 147108
Ion Ratio Lower Upper
149 100
177 20.4 16.1 24.1
150 11.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 5.539 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Tgt Ion:204 Resp: 58608
Ion Ratio Lower Upper
204 100
206 30.6 26.5 39.7
141 64.9 54.6 81.8





#61

4-Nitroaniline

Concen: 4.416 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA_F

ClientSampleId :

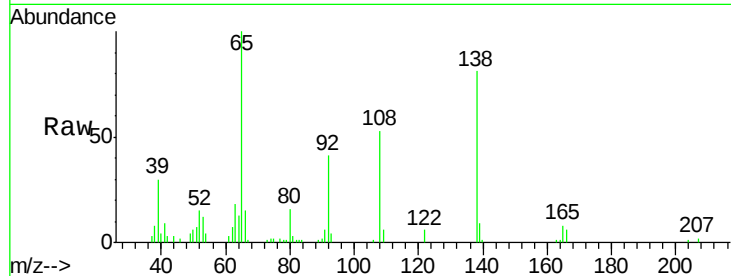
Tot Ion:138 Resp: 33798

Ion Ratio Lower Upper

138 100

92 51.0 30.2 70.2

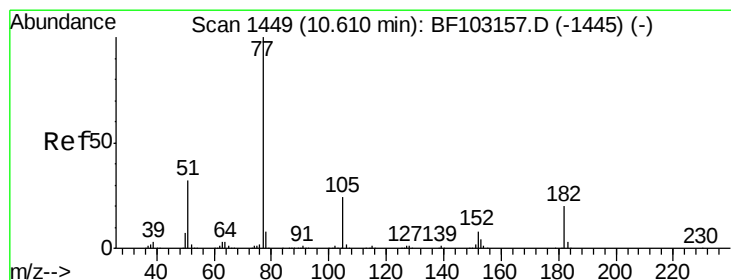
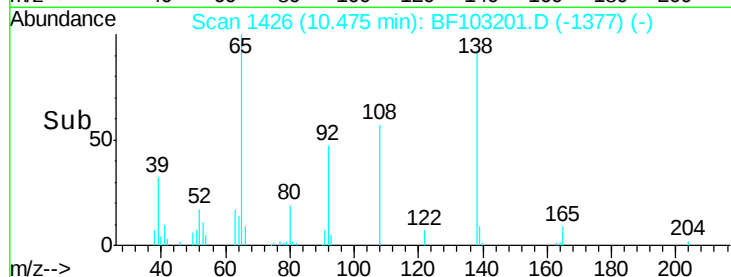
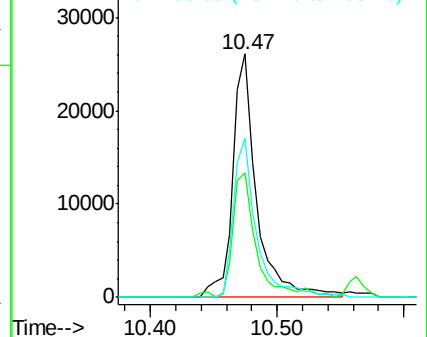
108 65.4 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 5.481 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Tgt Ion: 77 Resp: 153548

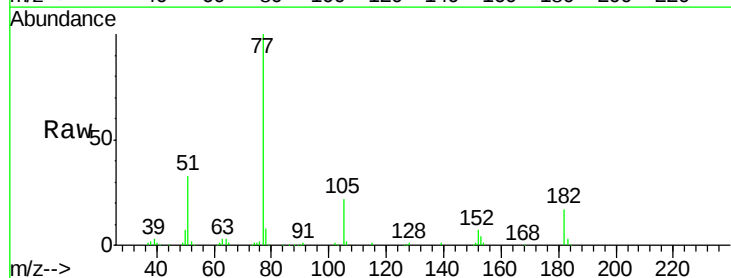
Ion Ratio Lower Upper

77 100

182 17.4 1.7 41.7

105 22.1 3.0 43.0

51 32.7 9.9 49.9

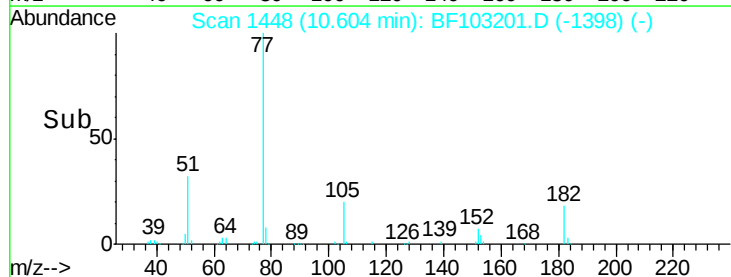
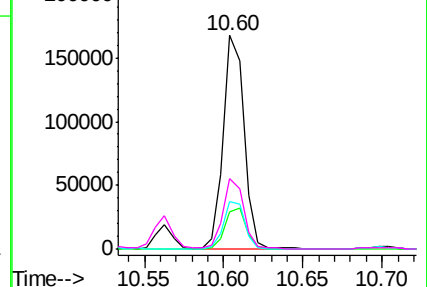


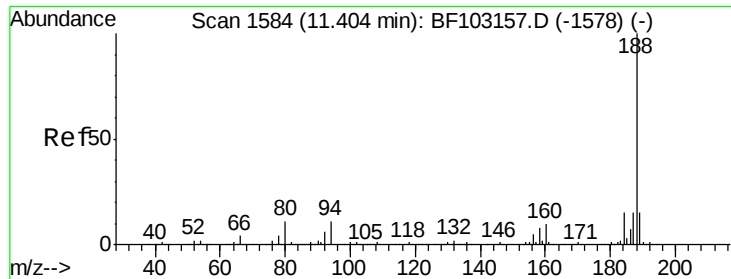
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

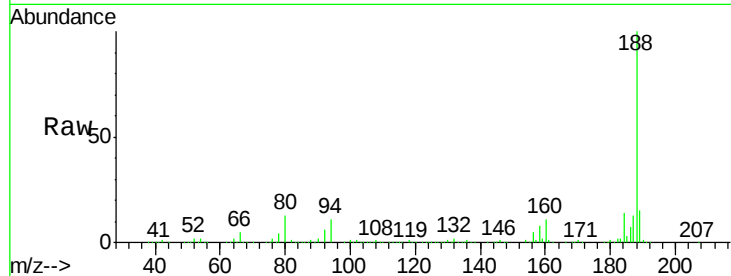




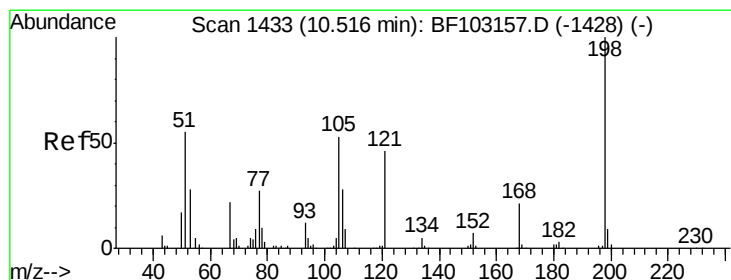
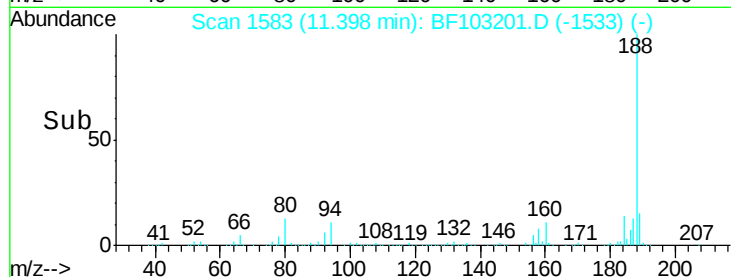
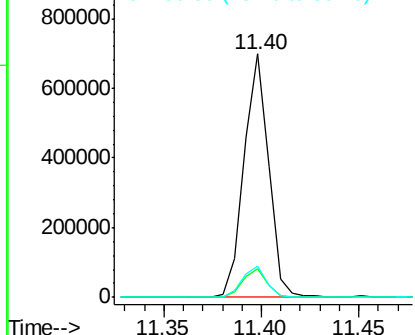
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 614056
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.7 9.2 13.8

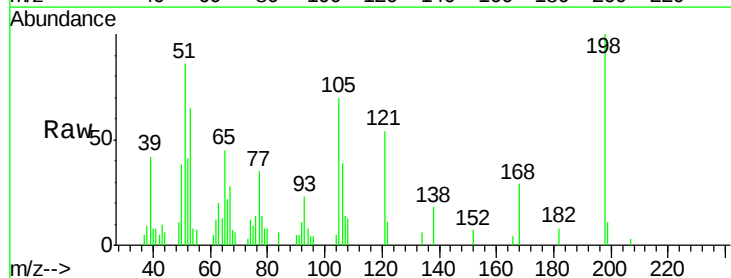


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

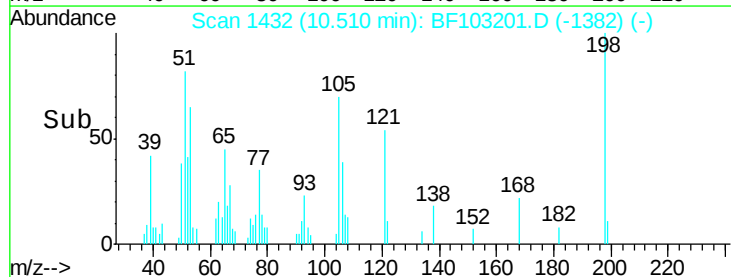
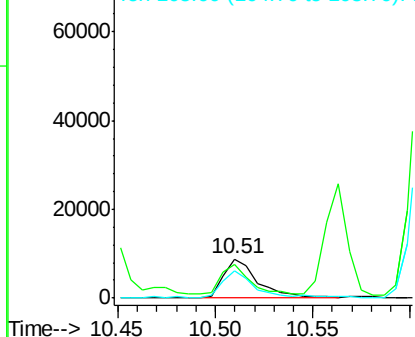


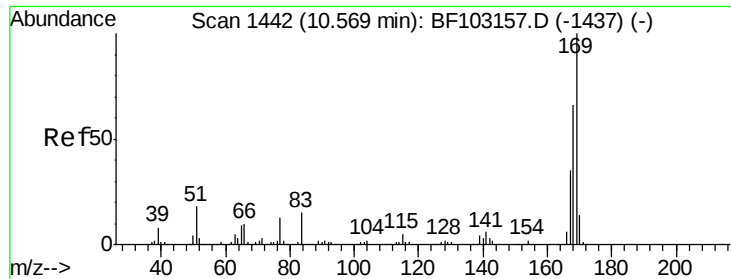
#64
4,6-Dinitro-2-methylphenol
Concen: 7.514 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Tgt Ion:198 Resp: 10701
Ion Ratio Lower Upper
198 100
51 85.6 37.7 77.7#
105 70.1 36.3 76.3



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

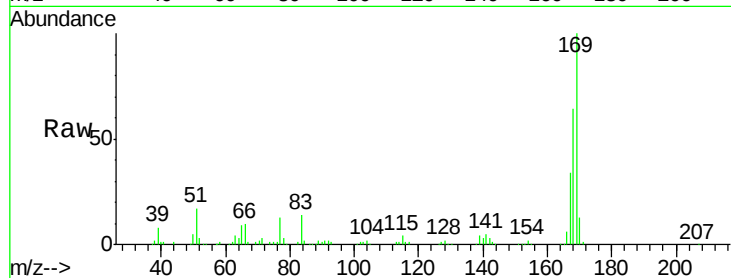




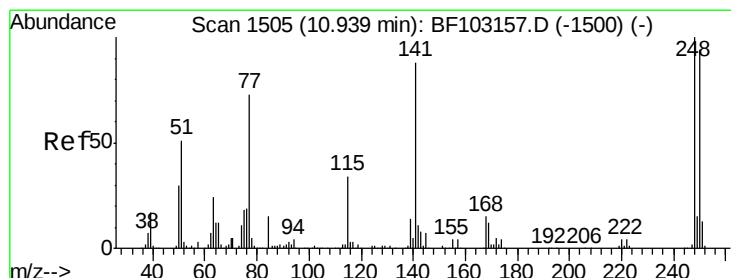
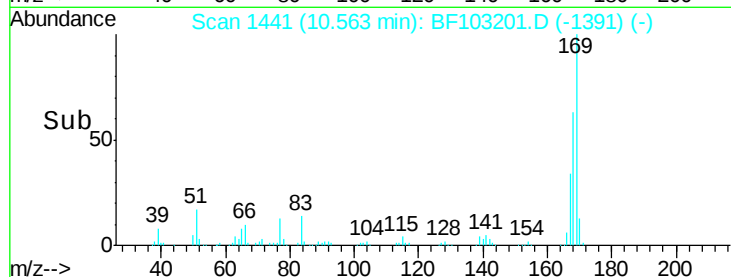
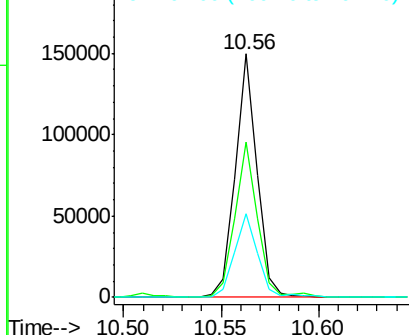
#65
n-Nitrosodiphenylamine
Concen: 5.392 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 115292
Ion Ratio Lower Upper
169 100
168 63.6 54.4 81.6
167 34.3 29.8 44.6

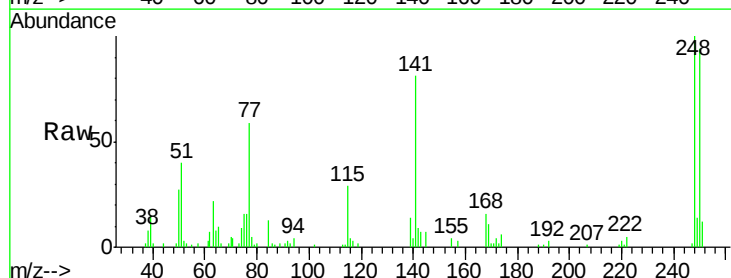


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

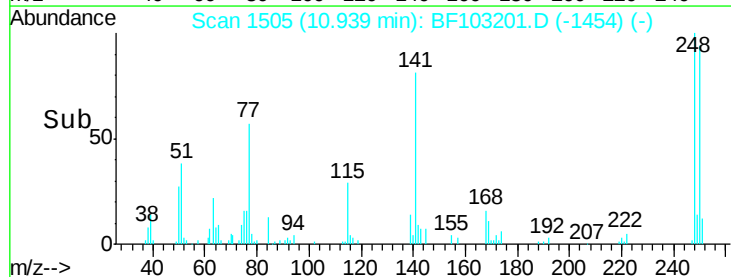
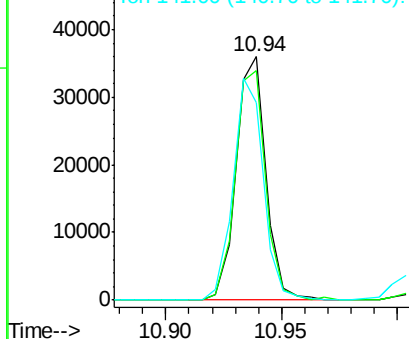


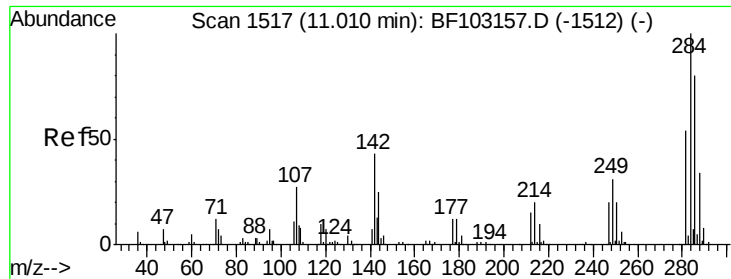
#66
4-Bromophenyl-phenylether
Concen: 5.061 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Tgt Ion:248 Resp: 32375
Ion Ratio Lower Upper
248 100
250 94.2 76.9 115.3
141 81.0 74.4 111.6



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

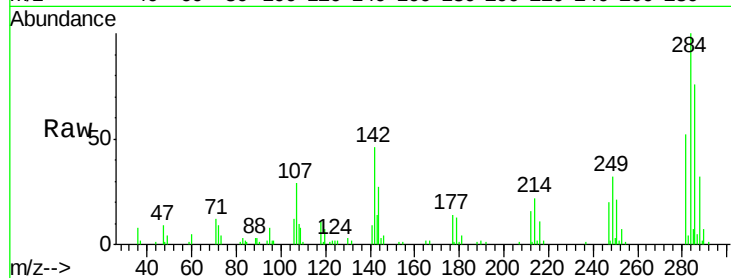




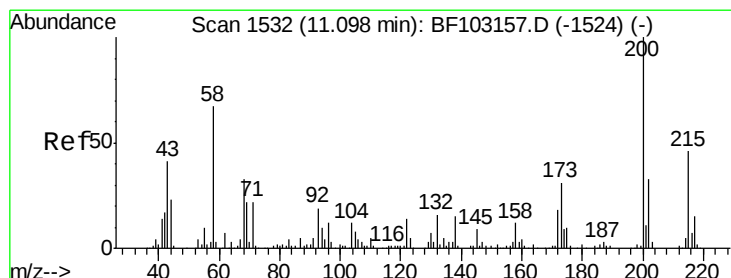
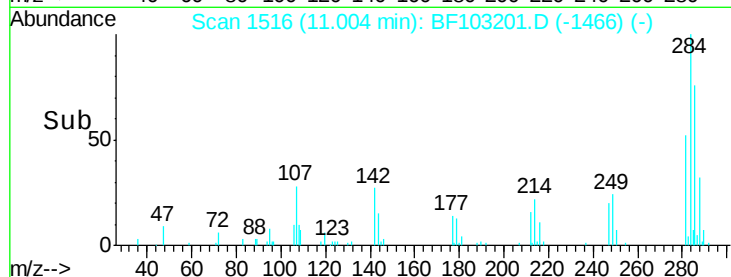
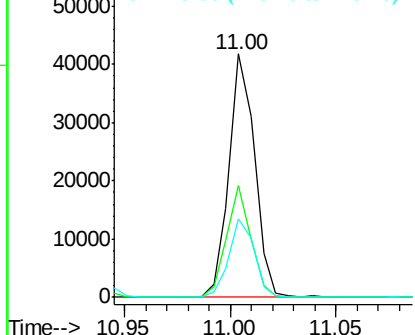
#67
Hexachlorobenzene
Concen: 5.053 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 35081
Ion Ratio Lower Upper
284 100
142 46.1 34.6 52.0
249 32.4 24.8 37.2

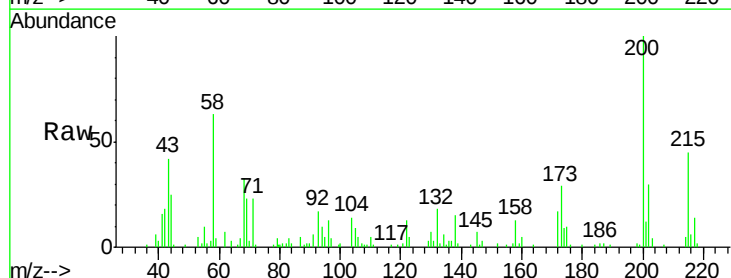


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

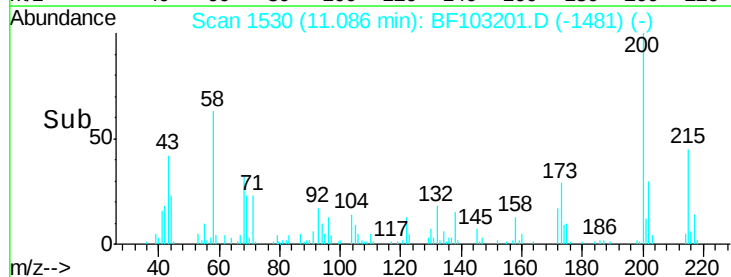
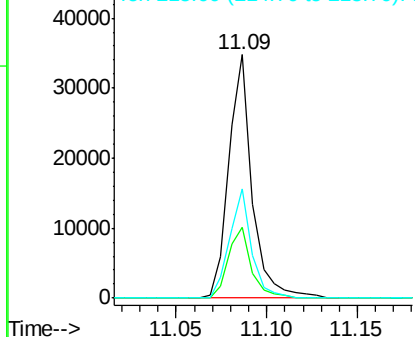


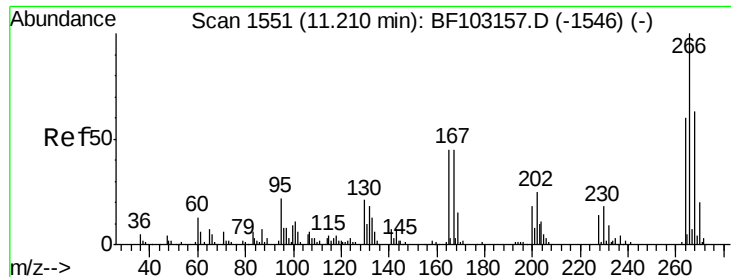
#68
Atrazine
Concen: 4.848 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Tgt Ion:200 Resp: 31158
Ion Ratio Lower Upper
200 100
173 29.1 8.6 48.6
215 44.9 25.1 65.1



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

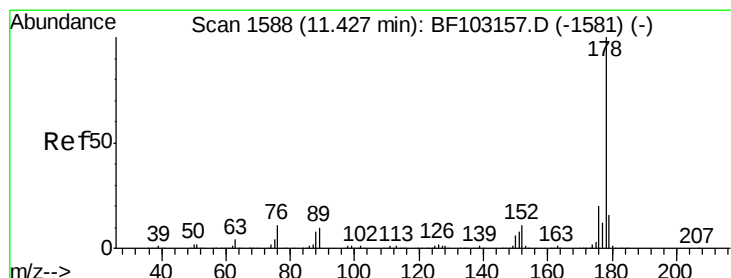
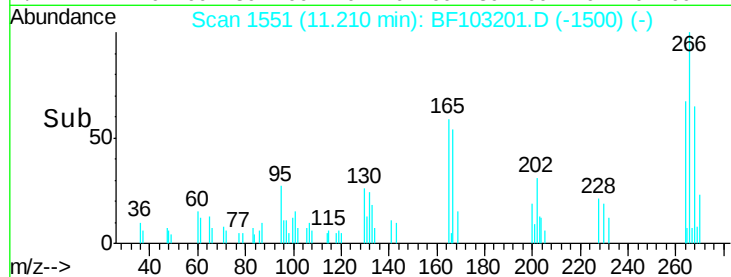
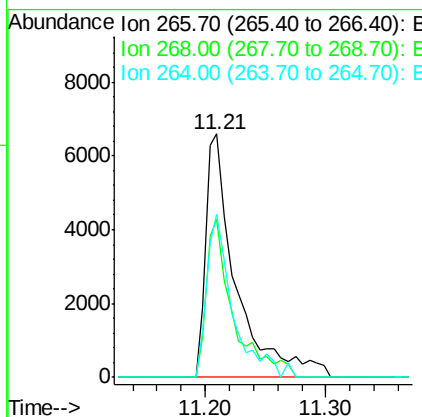
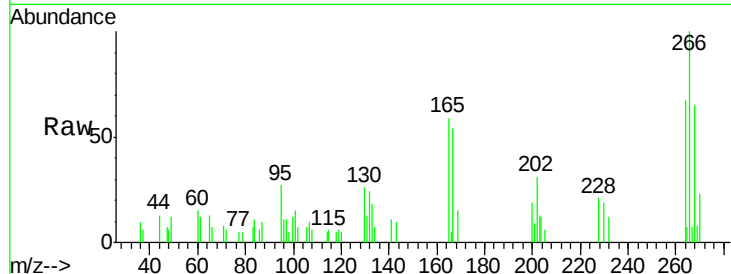




#69
 Pentachlorophenol
 Concen: 3.393 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

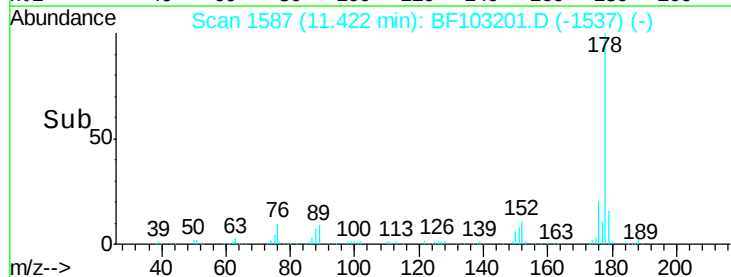
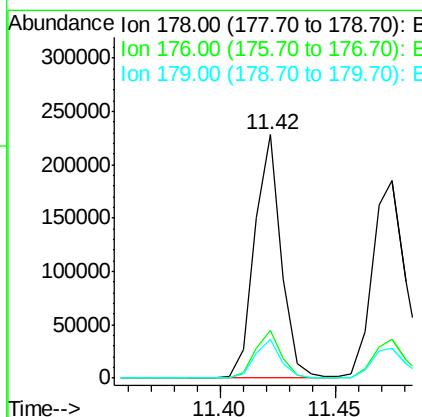
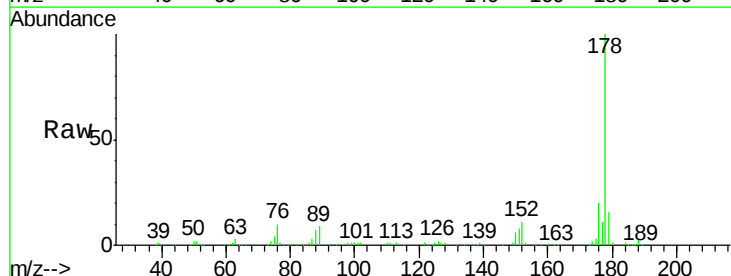
Instrument :
 BNA_F
 ClientSampled :

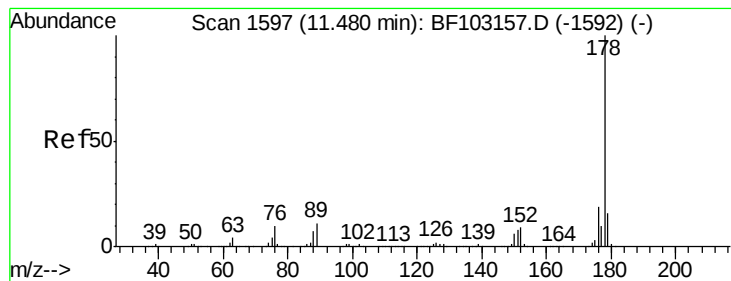
Tot Ion:266 Resp: 11392
 Ion Ratio Lower Upper
 266 100
 268 72.4 51.1 76.7
 264 67.0 49.5 74.3



#70
 Phenanthrene
 Concen: 5.450 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

Tgt Ion:178 Resp: 184186
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.8 13.0 19.6





#71

Anthracene

Concen: 5.387 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA_F

ClientSampleId :

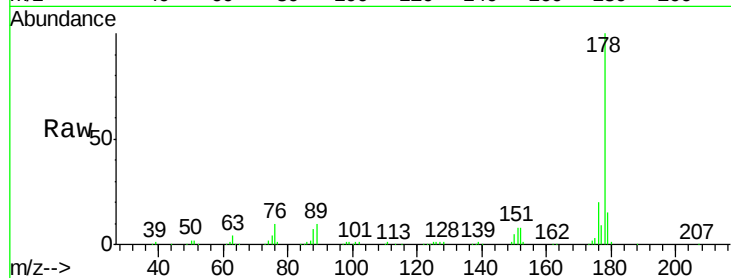
Tot Ion:178 Resp: 186669

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

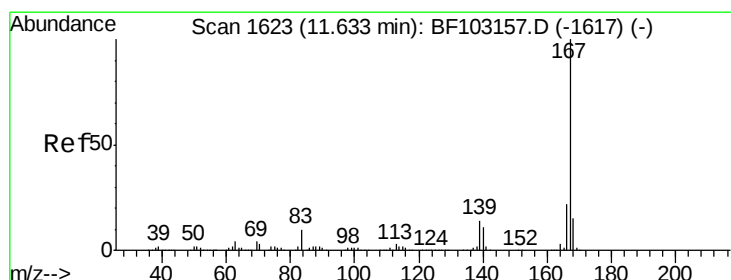
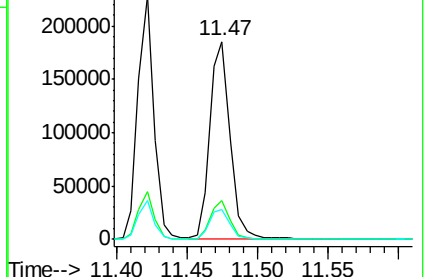
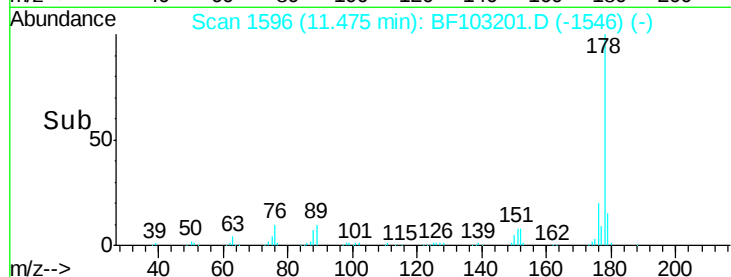
179 15.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 5.193 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

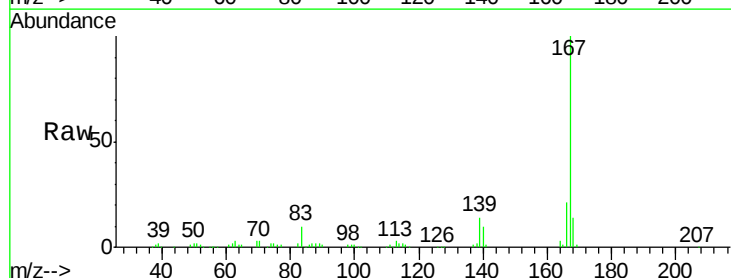
Tgt Ion:167 Resp: 179218

Ion Ratio Lower Upper

167 100

166 20.6 17.6 26.4

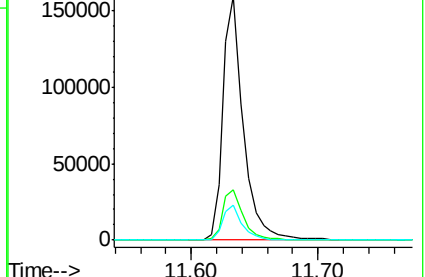
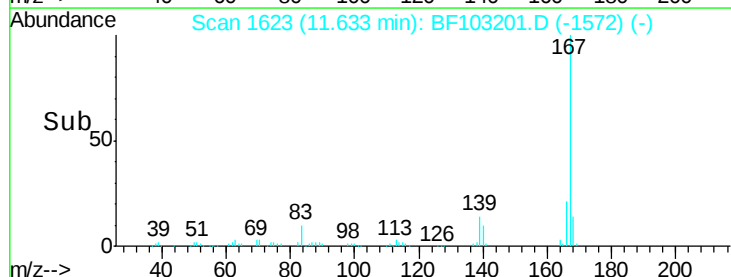
139 14.3 10.9 16.3



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: 5.294 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA_F

ClientSampleId :

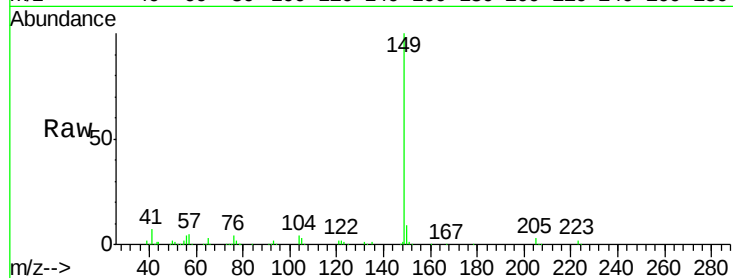
Tot Ion:149 Resp: 228606

Ion Ratio Lower Upper

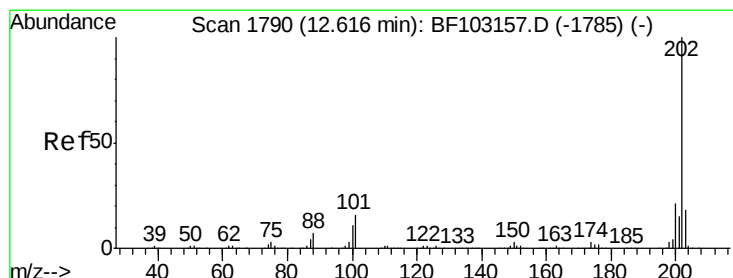
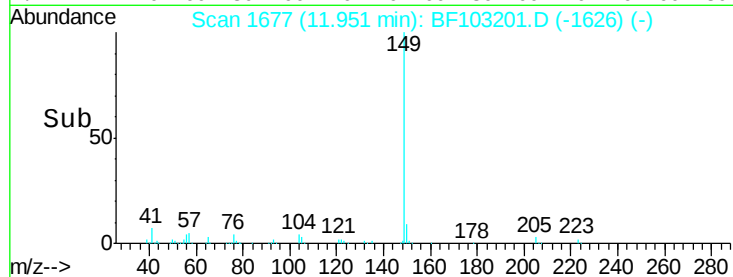
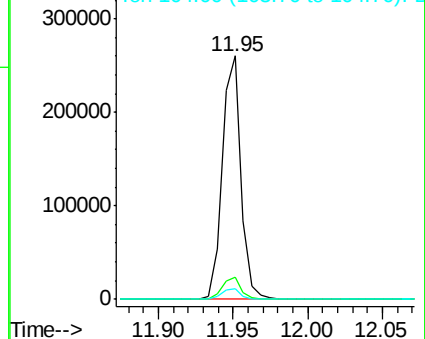
149 100

150 9.2 7.8 11.6

104 4.4 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: 5.268 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

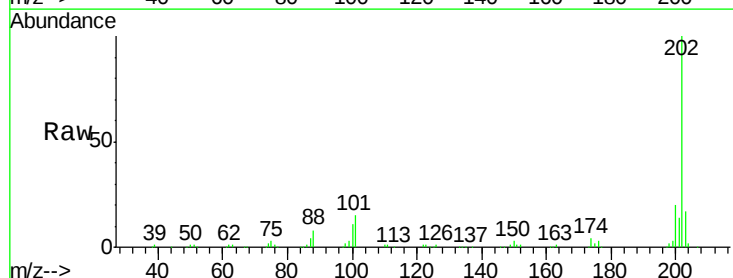
Tgt Ion:202 Resp: 178909

Ion Ratio Lower Upper

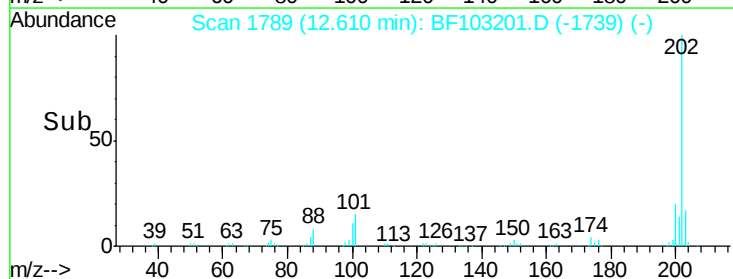
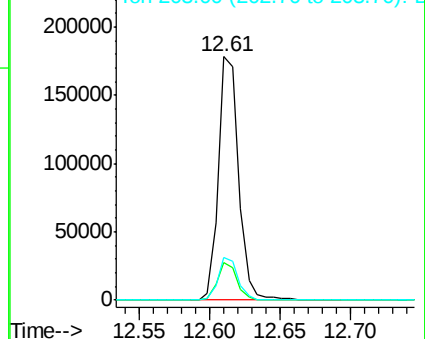
202 100

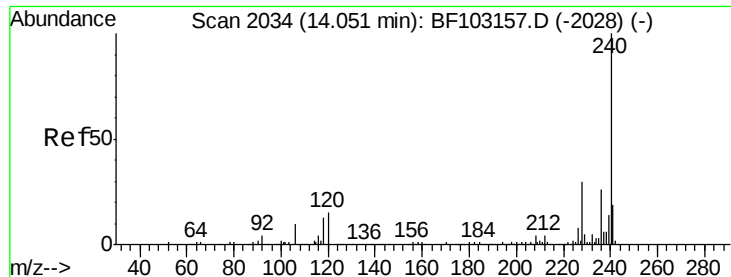
101 15.5 0.0 34.1

203 17.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA_F

ClientSampleId :

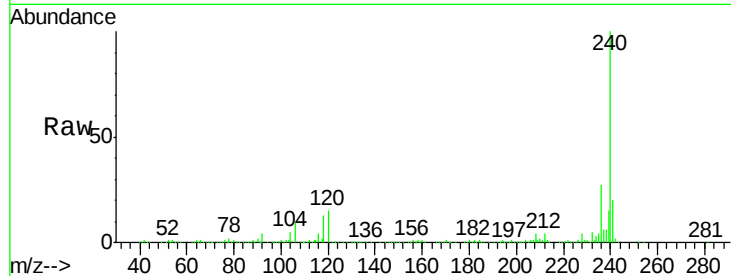
Tot Ion:240 Resp: 449200

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

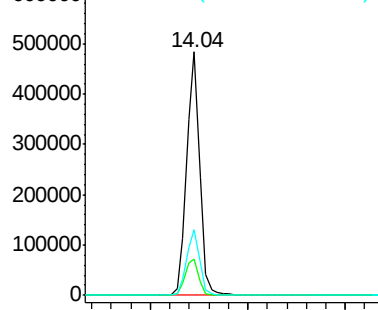
236 26.9 20.7 31.1



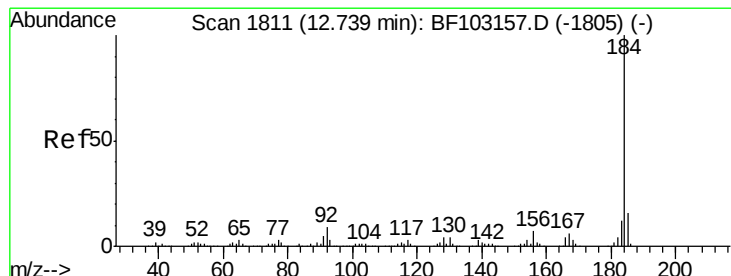
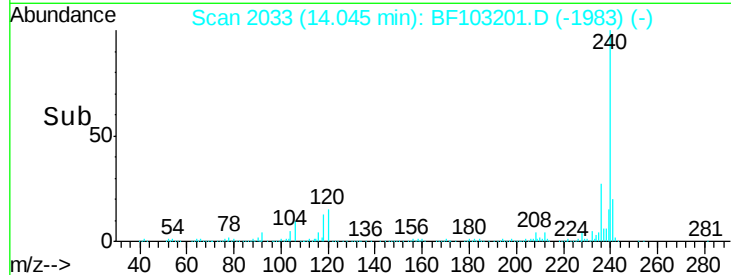
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 2.322 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

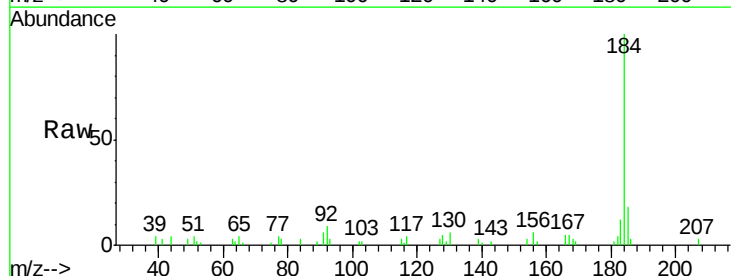
Tgt Ion:184 Resp: 38989

Ion Ratio Lower Upper

184 100

185 18.3 12.6 18.8

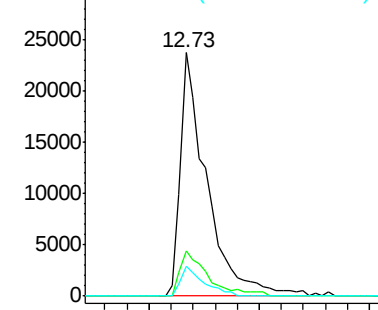
183 12.4 9.3 13.9



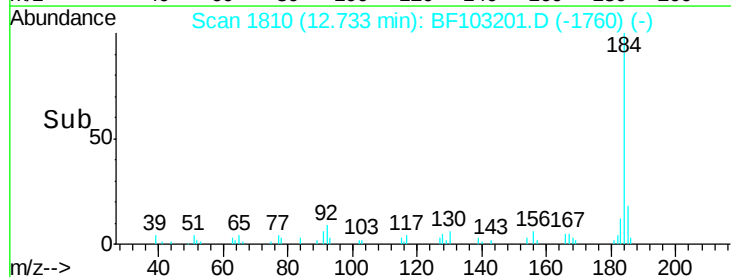
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->

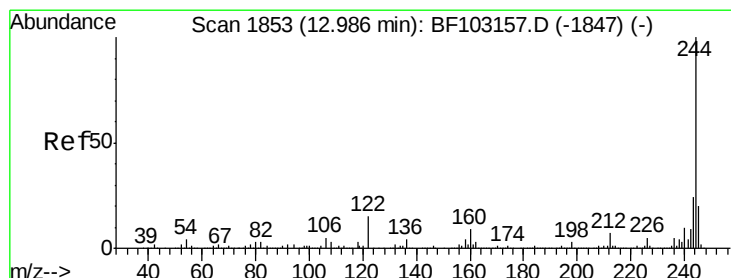
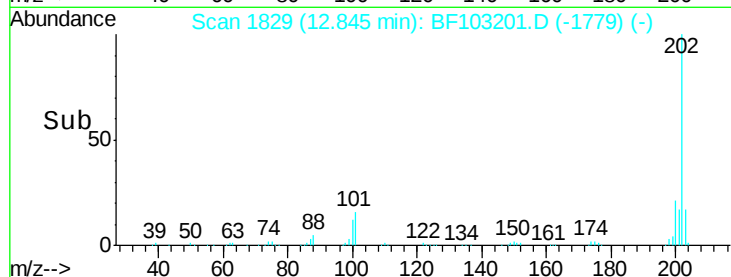
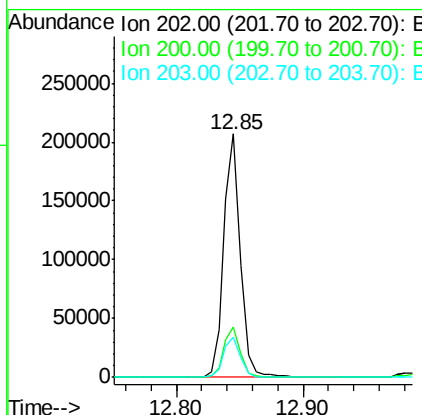
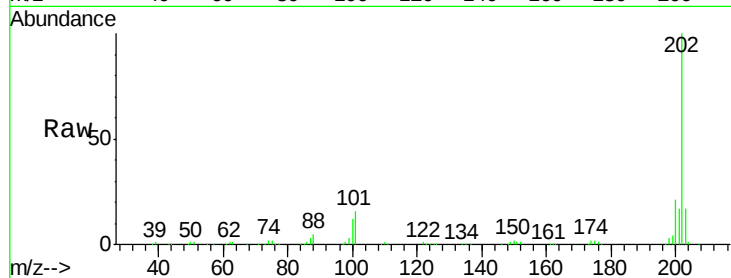




#77
 Pvrene
 Concen: 5.338 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

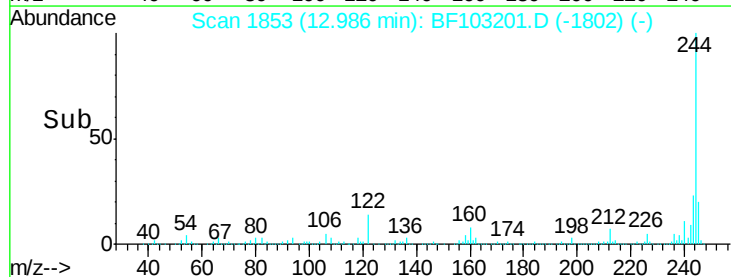
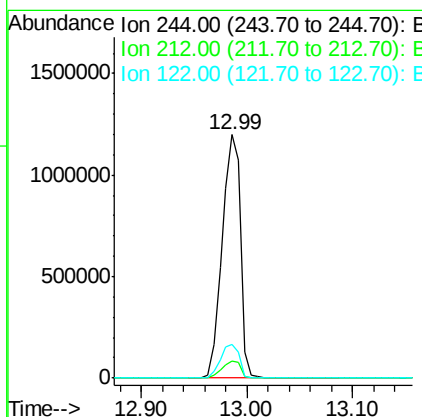
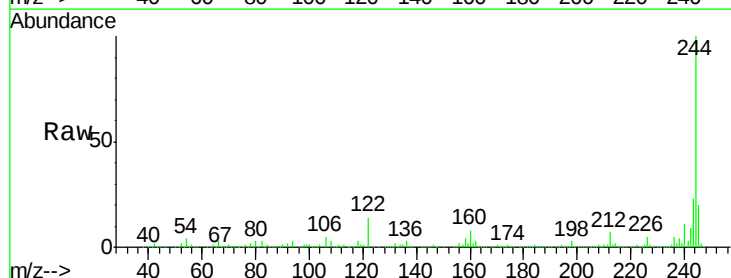
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	16.7	14.3	21.5



#78
 Terphenyl-d14
 Concen: 77.616 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.0	11.0	16.4

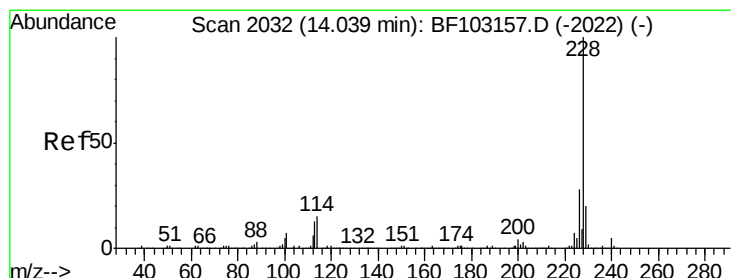
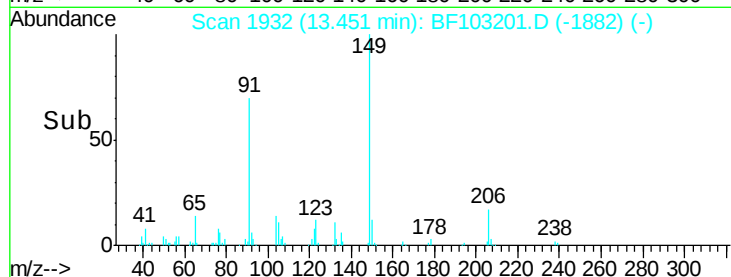
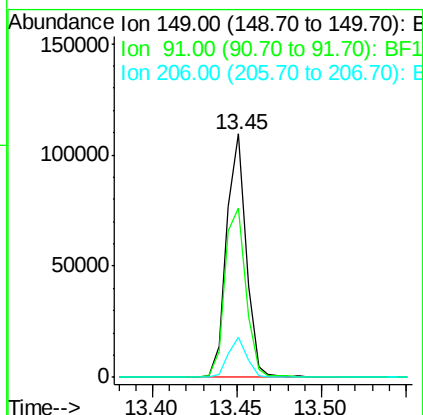
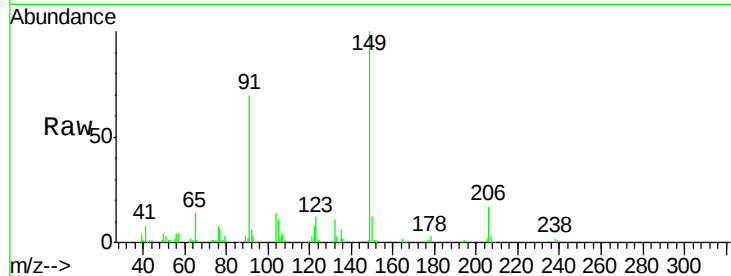




#79
Butylbenzylphthalate
Concen: 4.778 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

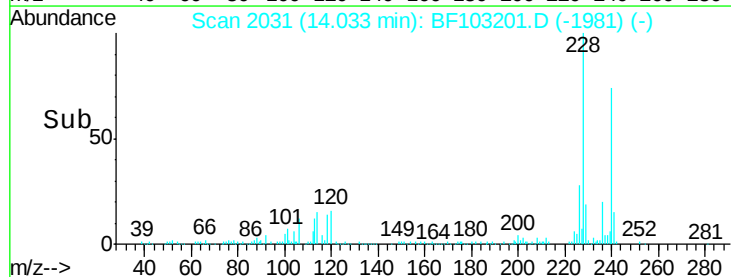
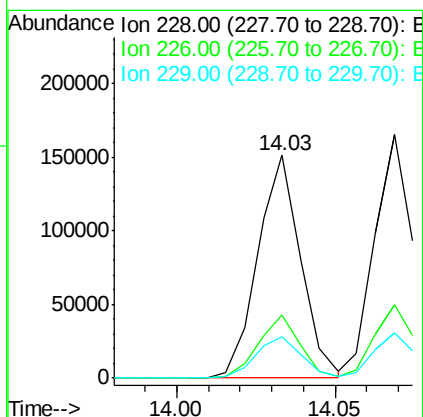
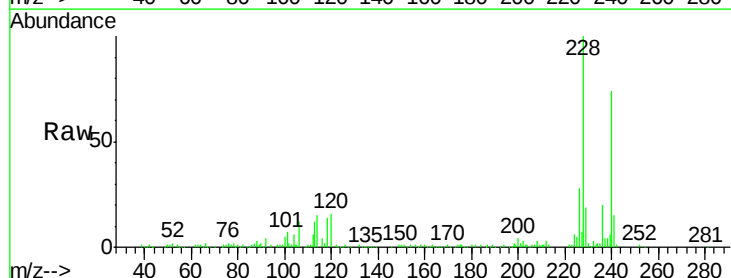
Instrument :
BNA_F
ClientSampleID :

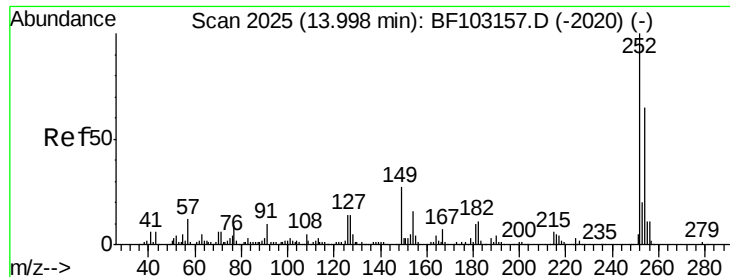
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.8	56.8	85.2
206	16.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 4.863 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	18.5	15.8	23.6

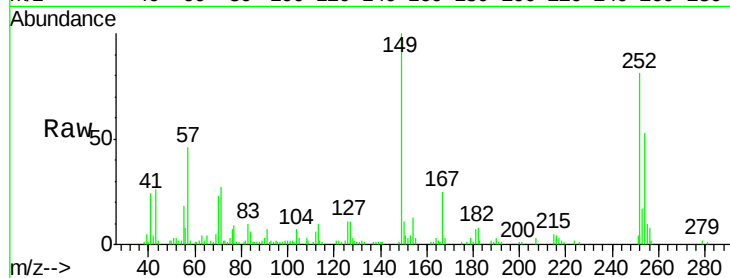




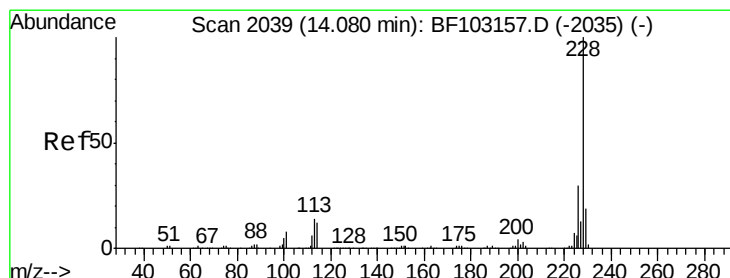
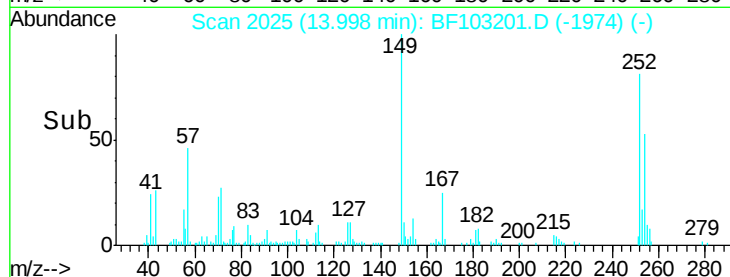
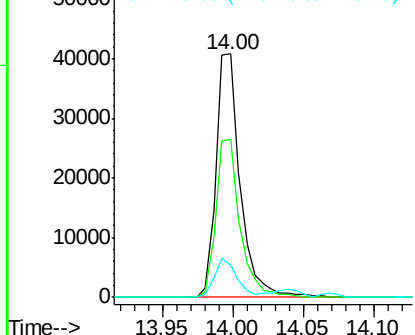
#81
 3,3'-Dichlorobenzidine
 Concen: 4.689 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 48769
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.4 75.6
 126 13.5 11.3 16.9

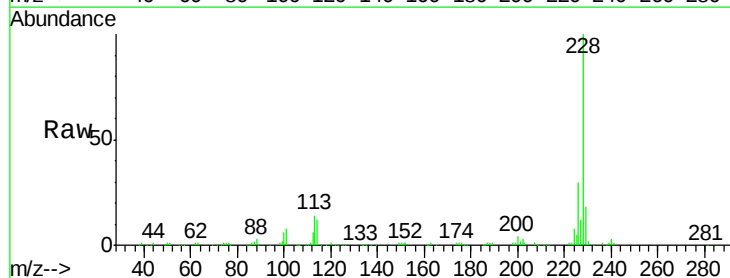


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

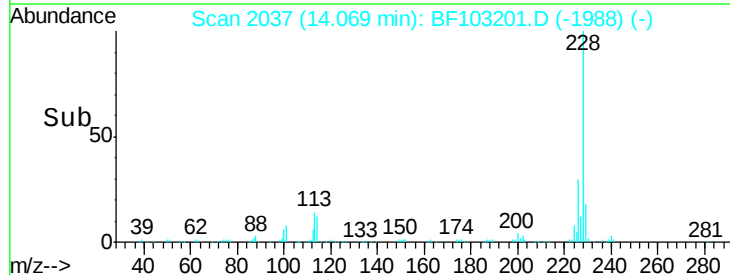
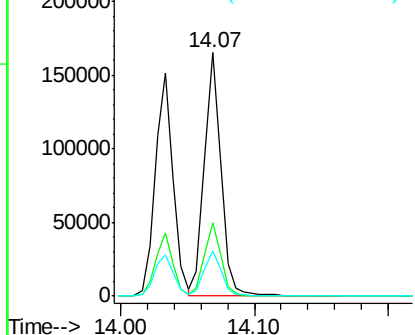


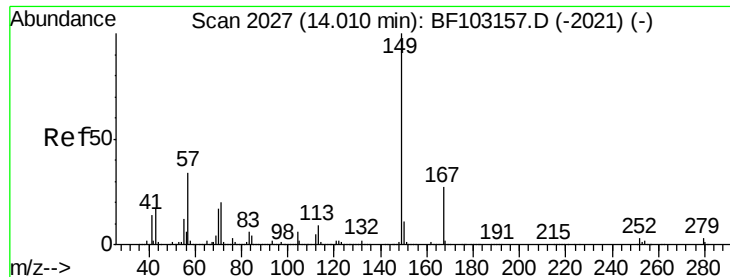
#82
 Chrysene
 Concen: 5.137 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

Tgt Ion:228 Resp: 145388
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.0 37.6
 229 18.5 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.087 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA_F

ClientSampleId :

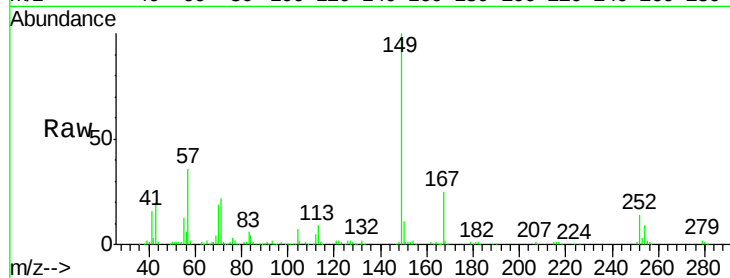
Tot Ion:149 Resp: 127030

Ion Ratio Lower Upper

149 100

167 25.5 21.3 31.9

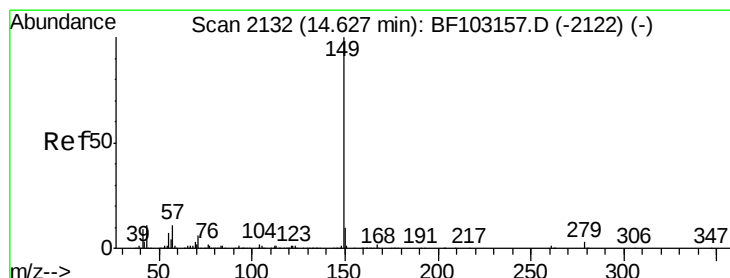
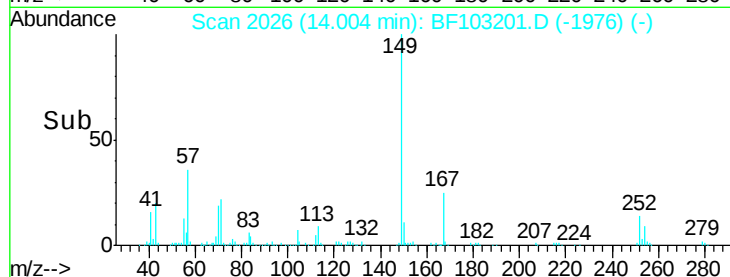
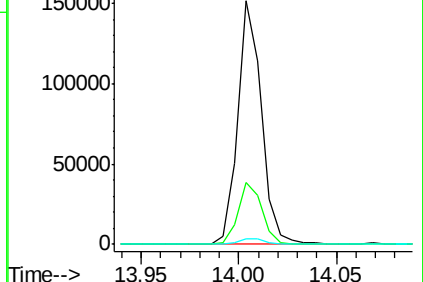
279 2.2 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 4.784 ng

RT: 14.63 min Scan# 2132

Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

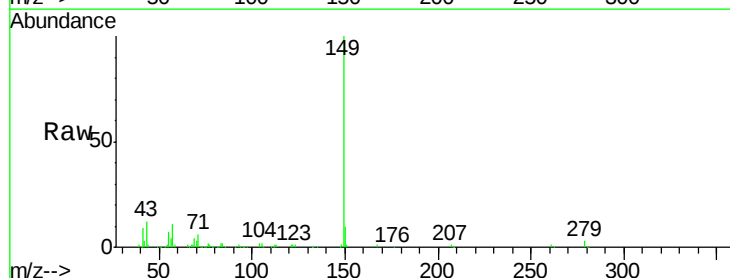
Tgt Ion:149 Resp: 193009

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

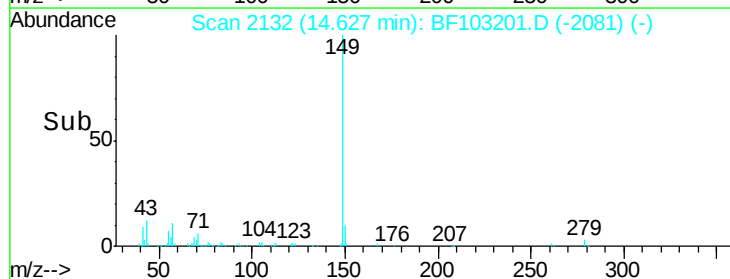
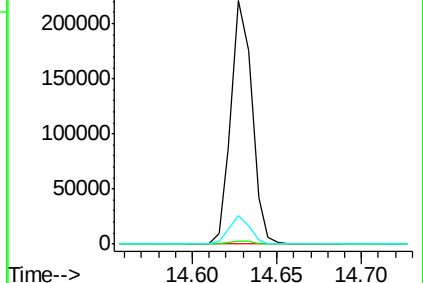
43 11.5 8.4 12.6

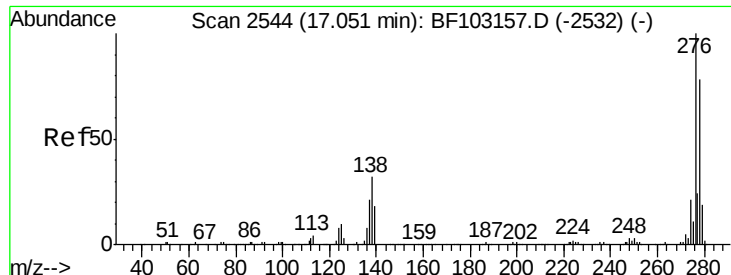


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

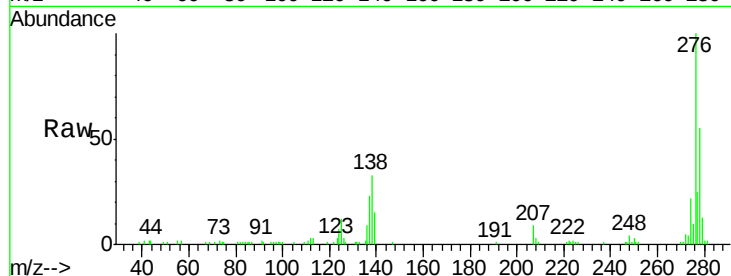




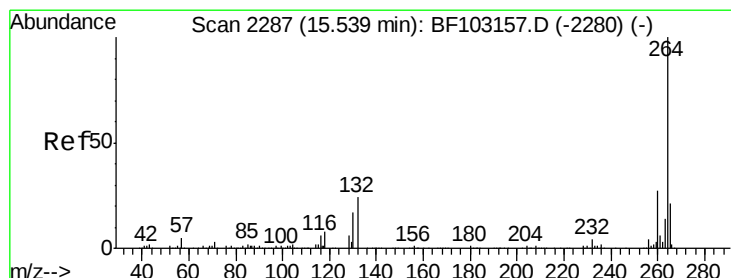
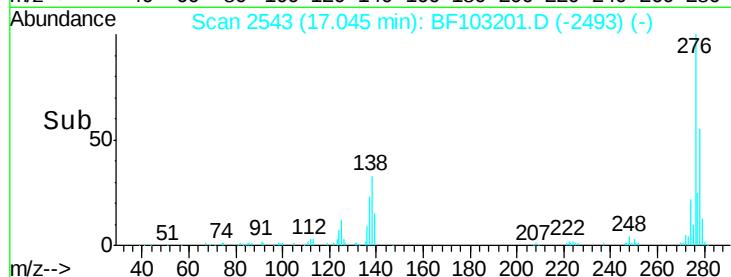
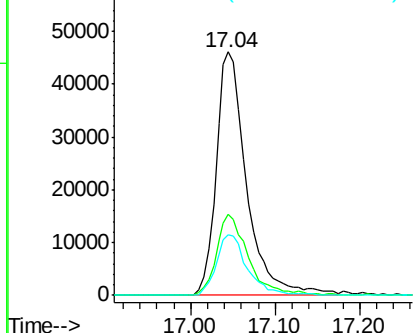
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.140 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. -0.01 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 115164
 Ion Ratio Lower Upper
 276 100
 138 34.5 25.0 37.6
 277 25.5 20.1 30.1

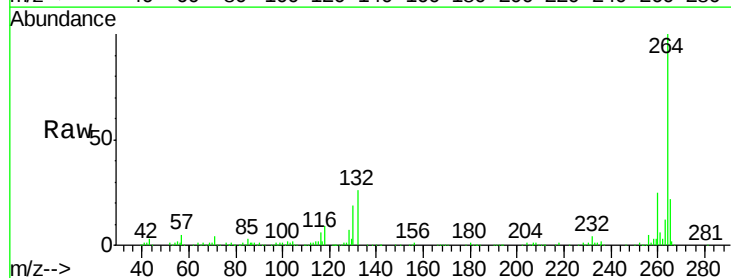


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

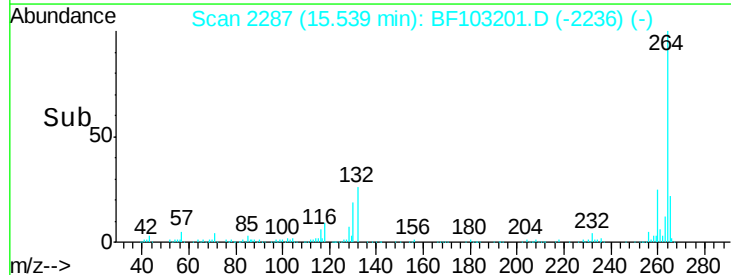
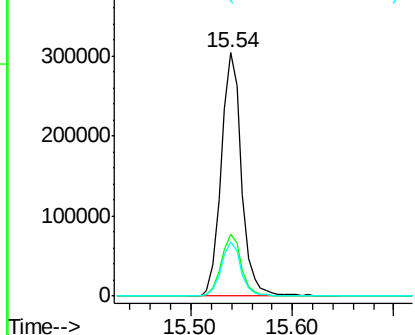


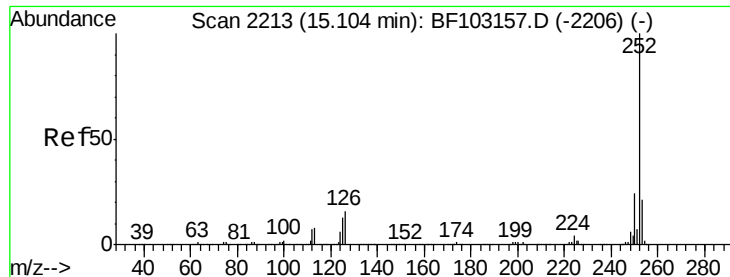
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.00 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

Tgt Ion:264 Resp: 424008
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.2 28.8
 265 22.4 17.5 26.3



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

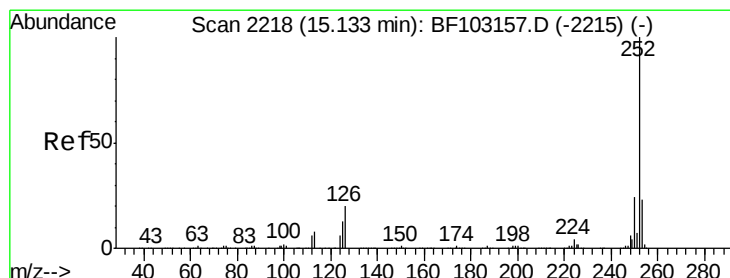
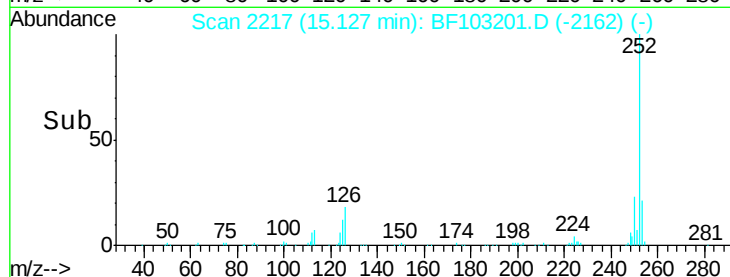
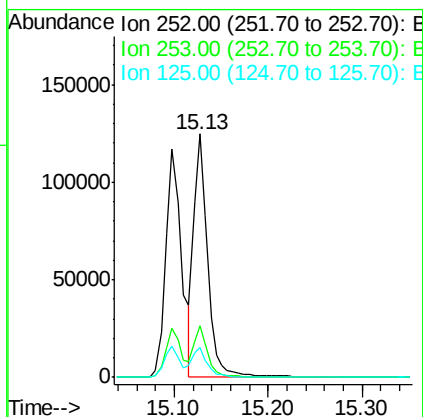
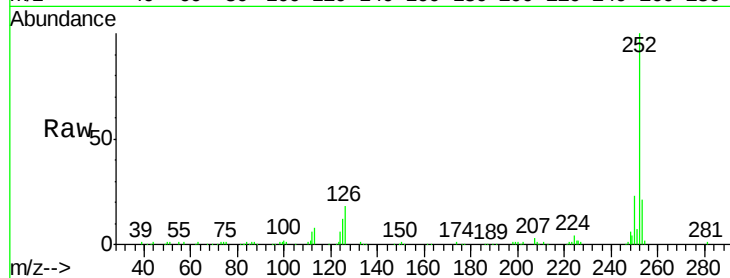




#87
Benzo(b)fluoranthene
Concen: 4.625 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

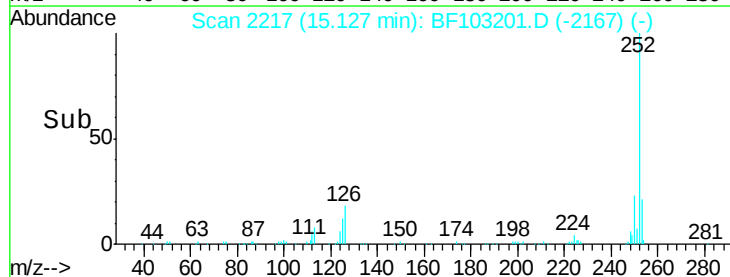
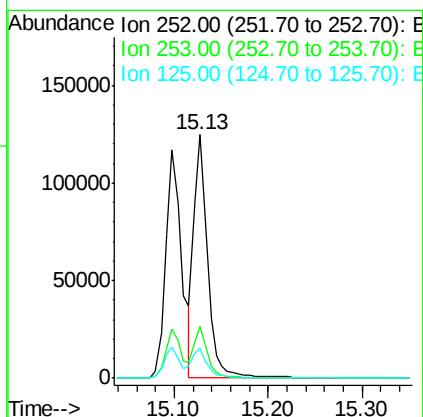
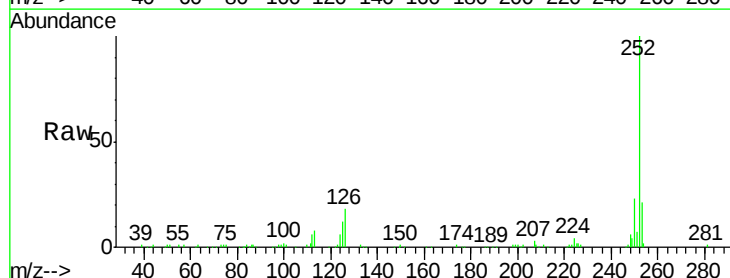
Instrument :
BNA_F
ClientSampleId :

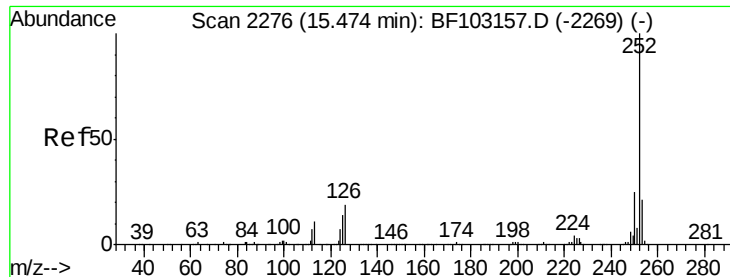
Tot Ion:252 Resp: 128934
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 12.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 4.911 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF103201.D
Acq: 23 Feb 2018 15:57

Tgt Ion:252 Resp: 128934
Ion Ratio Lower Upper
252 100
253 21.1 17.9 26.9
125 12.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 4.759 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA_F

ClientSampleId :

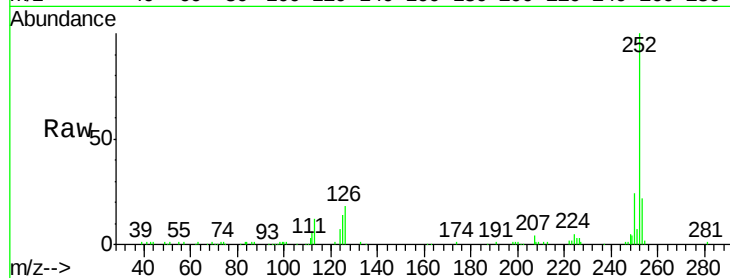
Tot Ion:252 Resp: 118475

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

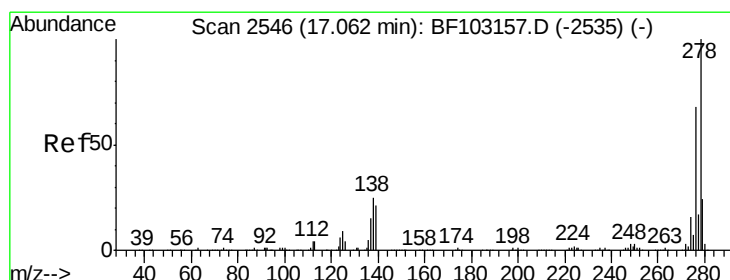
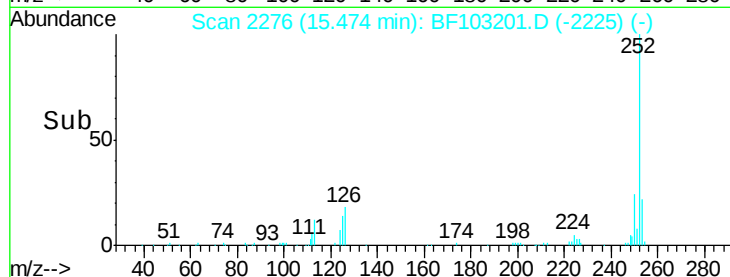
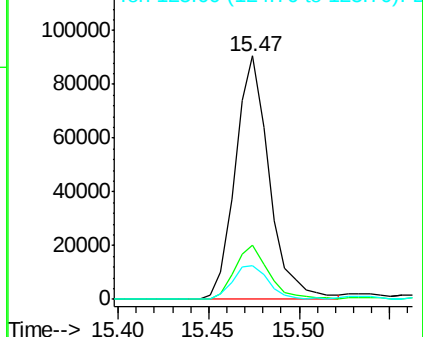
125 14.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 4.985 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

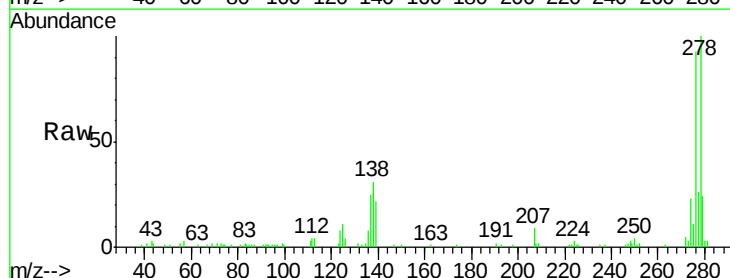
Tgt Ion:278 Resp: 95889

Ion Ratio Lower Upper

278 100

139 21.7 15.9 23.9

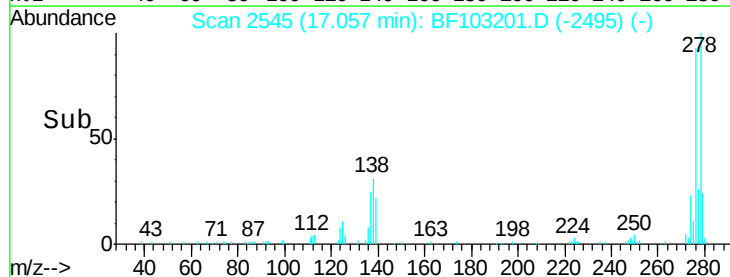
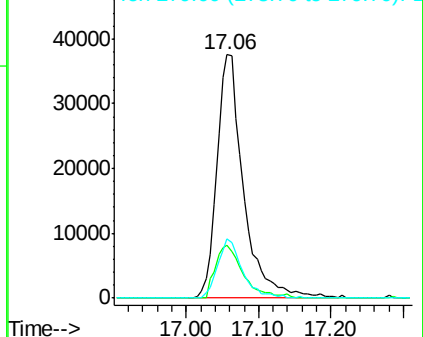
279 24.2 19.0 28.4

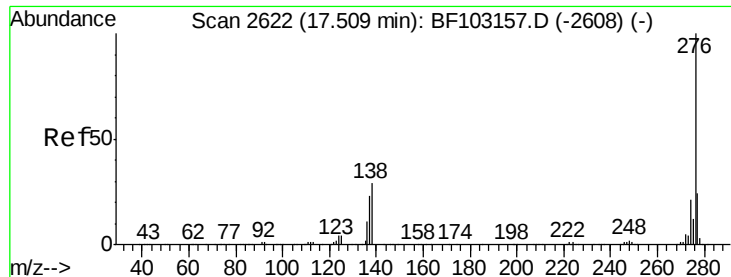


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

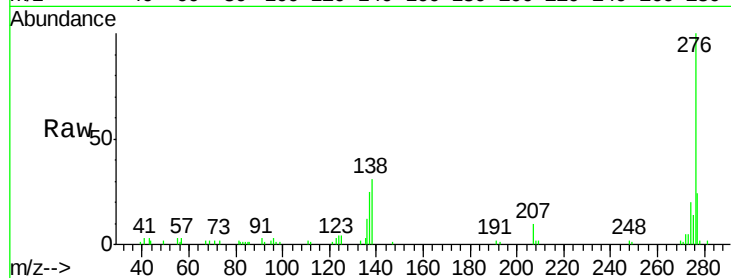




#91
 Benzo(a,h,i)perylene
 Concen: 5.081 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF103201.D
 Acq: 23 Feb 2018 15:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	31.1	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

