

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033164.D
 Acq On : 15 Mar 2018 3:53
 Operator : SJ/JU
 Sample : J1794-04MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 04:46:12 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	37499	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	171329	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	107782	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	263070	20.00	ng	0.00
75) Chrysene-d12	22.61	240	242747	20.00	ng	0.00
86) Perylene-d12	26.41	264	259830	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.32	112	348303	148.60	ng	0.00
7) Phenol-d6	8.00	99	435932	133.43	ng	0.00
23) Nitrobenzene-d5	10.10	82	311417	121.34	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	257227	226.97	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	707637	94.69	ng	0.00
78) Terphenyl-d14	20.76	244	1256321	116.28	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.96	88	35198	34.601	ng	# 91
3) Pyridine	4.43	79	77168	27.523	ng	90
4) n-Nitrosodimethylamine	4.32	42	64832	57.675	ng	# 78
6) Aniline	8.19	93	71144	16.087	ng	98
8) 2-Chlorophenol	8.45	128	130381	50.820	ng	96
9) Benzaldehyde	7.99	77	42928	22.798	ng	94
10) Phenol	8.03	94	146613	44.517	ng	96
11) bis(2-Chloroethyl)ether	8.28	93	118487	43.998	ng	96
12) 1,3-Dichlorobenzene	8.78	146	129887	43.225	ng	97
13) 1,4-Dichlorobenzene	8.93	146	131900	43.608	ng	98
14) 1,2-Dichlorobenzene	9.27	146	126998	43.815	ng	97
15) Benzyl Alcohol	9.13	79	120525	50.181	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.42	45	224250	48.439	ng	98
17) 2-Methylphenol	9.33	107	110758	45.607	ng	97
18) Hexachloroethane	10.02	117	47679	46.297	ng	87
19) n-Nitroso-di-n-propylamine	9.71	70	106177	46.034	ng	91
20) 3+4-Methylphenols	9.67	107	159017	47.092	ng	97
22) Acetophenone	9.74	105	193362	44.688	ng	# 98
24) Nitrobenzene	10.14	77	150572	54.164	ng	96
25) Isophorone	10.66	82	298130	49.576	ng	96
26) 2-Nitrophenol	10.87	139	73003	66.516	ng	96
27) 2,4-Dimethylphenol	10.90	122	141144	54.029	ng	94
28) bis(2-Chloroethoxy)methane	11.14	93	167224	47.734	ng	# 96
29) 2,4-Dichlorophenol	11.41	162	133237	56.195	ng	92
30) 1,2,4-Trichlorobenzene	11.64	180	127578	45.904	ng	94
31) Naphthalene	11.83	128	420856	47.009	ng	99
32) Benzoic acid	10.90	122	141144	71.597	ng	# 7
33) 4-Chloroaniline	11.93	127	23972	5.989	ng	94
34) Hexachlorobutadiene	12.09	225	73697	47.274	ng	94
35) Caprolactam	12.68	113	42970	45.262	ng	96
36) 4-Chloro-3-methylphenol	12.99	107	167541	60.723	ng	96
37) 2-Methylnaphthalene	13.39	142	314888	48.616	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	146071	45.654	ng	# 97
40) Hexachlorocyclopentadiene	13.71	237	181824	111.507	ng	92

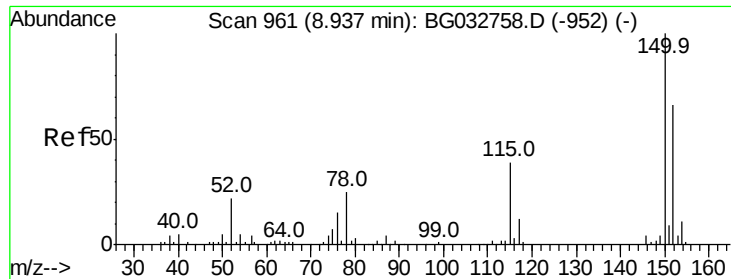
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	114120	56.558	ng	97
43) 2,4,5-Trichlorophenol	14.04	196	128167	54.882	ng	98
45) 1,1'-Biphenyl	14.36	154	408139	43.334	ng	97
46) 2-Chloronaphthalene	14.41	162	311194	44.232	ng	95
47) 2-Nitroaniline	14.60	65	121419	64.245	ng	94
48) Acenaphthylene	15.25	152	530302	46.038	ng	99
49) Dimethylphthalate	14.94	163	442398	48.341	ng	99
50) 2,6-Dinitrotoluene	15.08	165	97706	61.444	ng	94
51) Acenaphthene	15.58	154	377656	52.645	ng	97
52) 3-Nitroaniline	15.41	138	40740	25.867	ng #	92
53) 2,4-Dinitrophenol	15.61	184	87099	141.234	ng #	81
54) Dibenzofuran	15.91	168	504905	49.430	ng	93
55) 4-Nitrophenol	15.69	139	163940	106.791	ng	94
56) 2,4-Dinitrotoluene	15.85	165	141564	70.599	ng #	90
57) Fluorene	16.55	166	414934	49.217	ng	99
58) 2,3,4,6-Tetrachlorophenol	16.04	232	114332	63.058	ng	95
59) Diethylphthalate	16.28	149	482571	49.994	ng	99
60) 4-Chlorophenyl-phenylether	16.52	204	212607	51.551	ng #	89
61) 4-Nitroaniline	16.56	138	86290	44.045	ng	97
62) Azobenzene	16.82	77	423736	49.070	ng	97
64) 4,6-Dinitro-2-methylphenol	16.60	198	67665	73.113	ng	93
65) n-Nitrosodiphenylamine	16.74	169	388101	45.349	ng	99
66) 4-Bromophenyl-phenylether	17.42	248	140890	50.649	ng #	88
67) Hexachlorobenzene	17.55	284	152014	50.569	ng	97
68) Atrazine	17.66	200	140608	49.914	ng	97
69) Pentachlorophenol	17.89	266	185845	98.151	ng	99
70) Phenanthrene	18.29	178	695990	47.421	ng	99
71) Anthracene	18.38	178	713620	48.431	ng	99
72) Carbazole	18.64	167	659366	45.400	ng #	97
73) Di-n-butylphthalate	19.13	149	830408	46.607	ng	99
74) Fluoranthene	20.24	202	800771	49.393	ng	96
76) Benzidine	20.40	184	147084	17.776	ng	98
77) Pyrene	20.60	202	800669	46.772	ng	98
79) Butylbenzylphthalate	21.46	149	371495	48.946	ng	95
80) Benzo(a)anthracene	22.59	228	755526	48.536	ng	98
81) 3,3'-Dichlorobenzidine	22.47	252	134820	23.385	ng #	97
82) Chrysene	22.66	228	708150	47.624	ng	99
83) Bis(2-ethylhexyl)phthalate	22.41	149	509460	45.347	ng	95
84) Di-n-octyl phthalate	23.82	149	848404	49.543	ng	99
85) Indeno(1,2,3-cd)pyrene	30.83	276	881683	50.843	ng #	94
87) Benzo(b)fluoranthene	25.19	252	759420	49.432	ng	98
88) Benzo(k)fluoranthene	25.27	252	737539	48.305	ng	98
89) Benzo(a)pyrene	26.23	252	733030	50.165	ng	99
90) Dibenzo(a,h)anthracene	30.92	278	741812	50.435	ng	98
91) Benzo(g,h,i)perylene	32.24	276	728438	50.241	ng	98

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

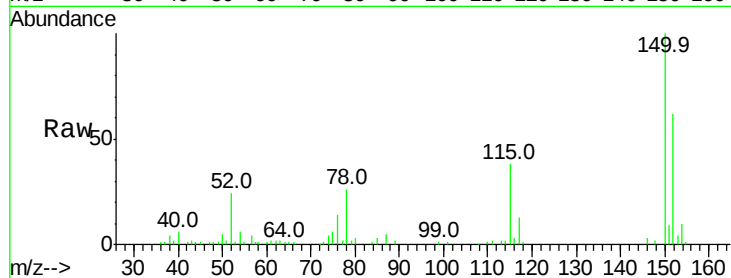


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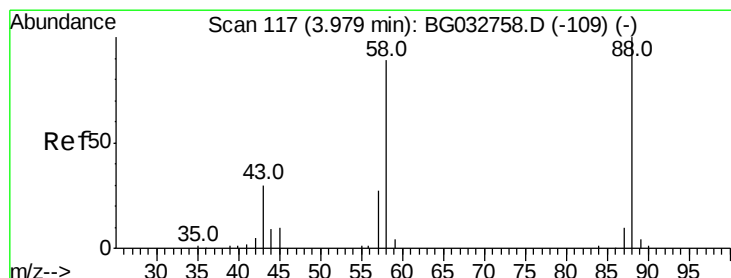
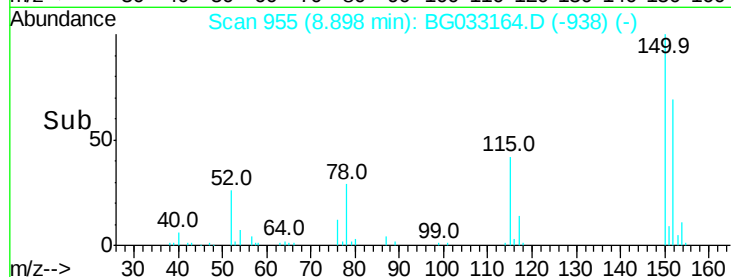
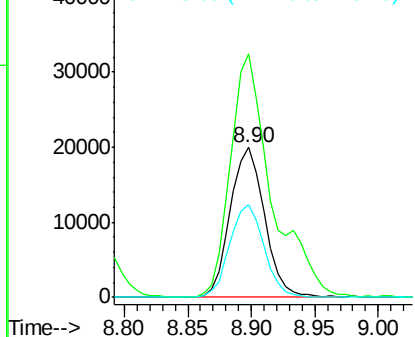
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 37499
Ion Ratio Lower Upper
152 100
150 162.2 126.6 189.8
115 61.7 53.0 79.4



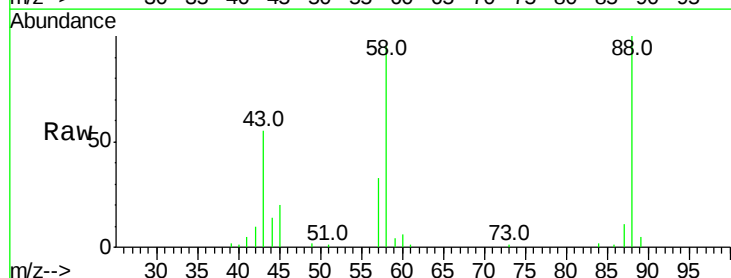
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



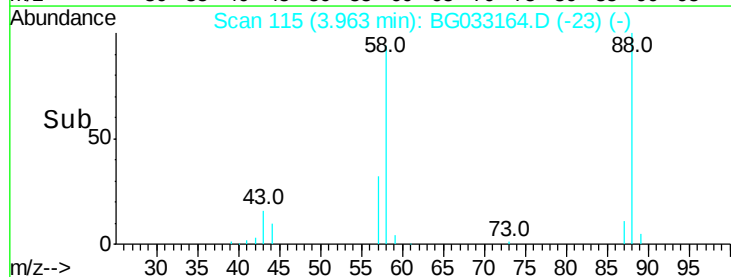
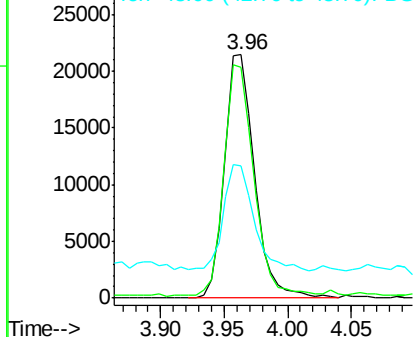
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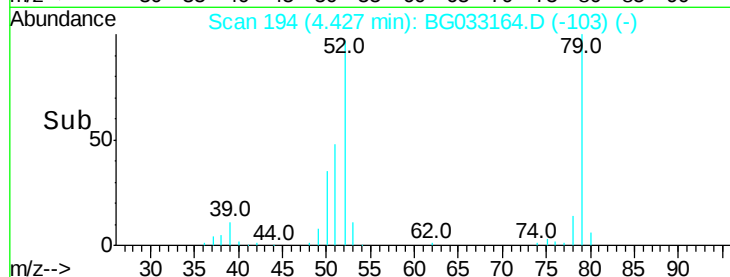
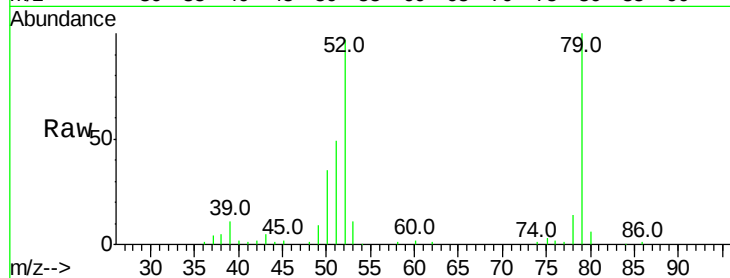
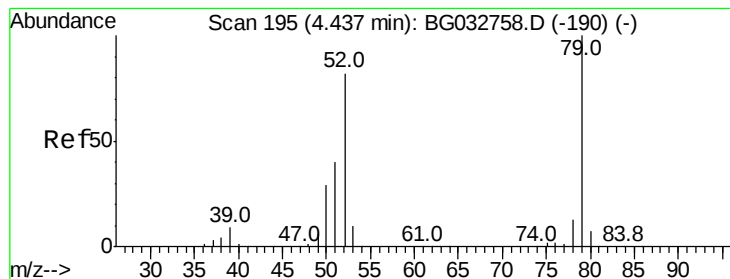
1,4-Dioxane
Concen: 34.601 ng
RT: 3.96 min Scan# 115
Delta R.T. 0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion: 88 Resp: 35198
Ion Ratio Lower Upper
88 100
58 93.8 79.6 119.4
43 44.3 27.4 41.0#



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





#3

Pvridine

Concen: 27.523 ng

RT: 4.43 min Scan# 194

Delta R.T. 0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_F

ClientSampled :

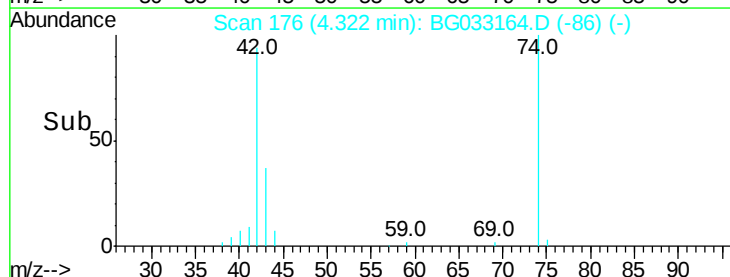
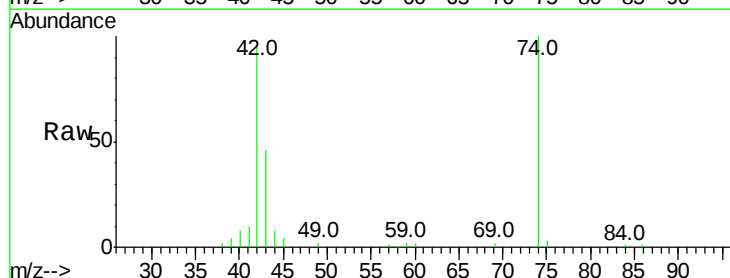
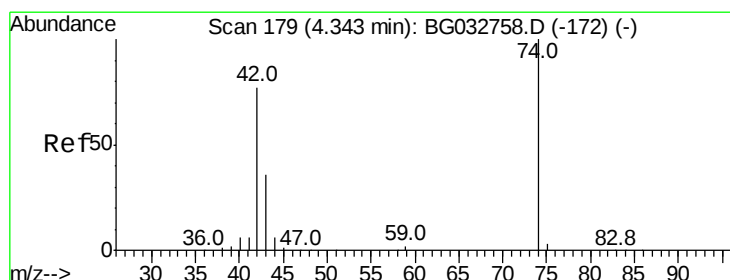
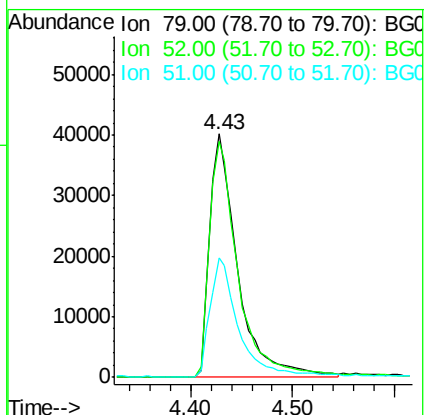
Tot Ion: 79 Resp: 77168

Ion Ratio Lower Upper

79 100

52 96.7 69.9 104.9

51 49.0 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 57.675 ng

RT: 4.32 min Scan# 176

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

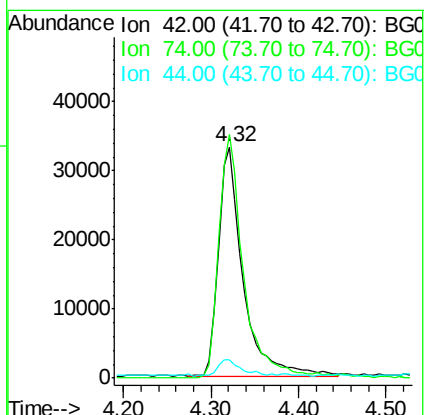
Tgt Ion: 42 Resp: 64832

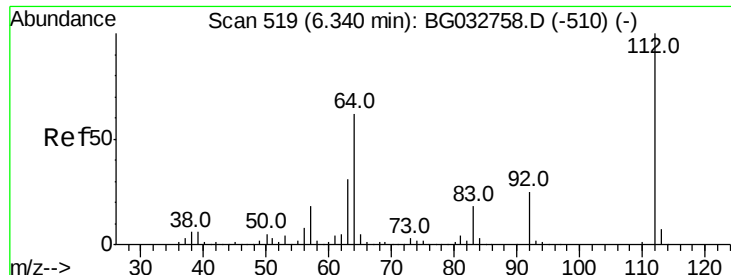
Ion Ratio Lower Upper

42 100

74 105.2 102.5 153.7

44 8.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 148.600 ng

RT: 6.32 min Scan# 516

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_F

ClientSampled :

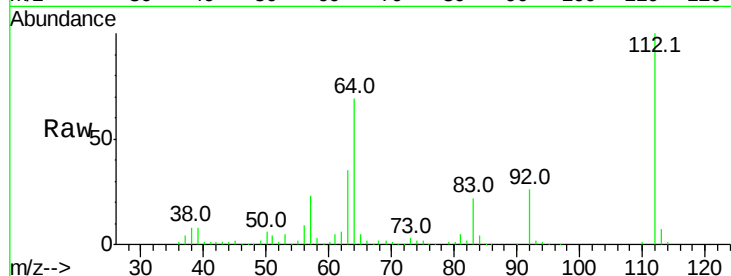
Tot Ion:112 Resp: 348303

Ion Ratio Lower Upper

112 100

64 69.0 56.3 84.5

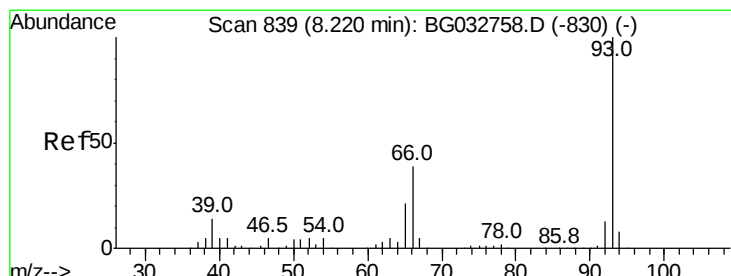
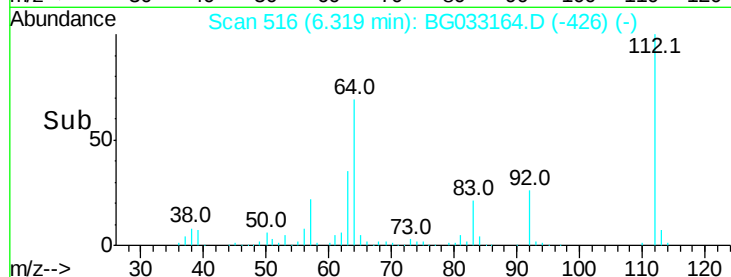
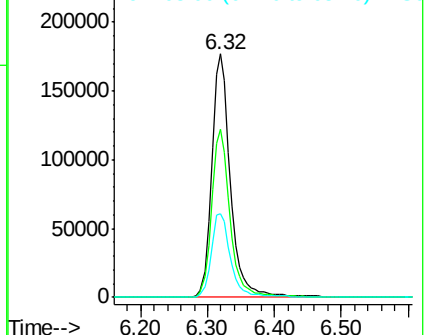
63 34.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.087 ng

RT: 8.19 min Scan# 835

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

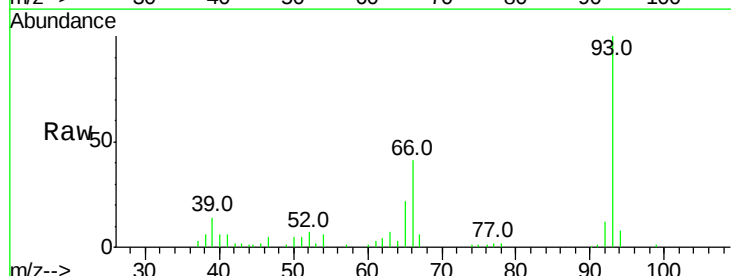
Tgt Ion: 93 Resp: 71144

Ion Ratio Lower Upper

93 100

66 41.5 33.7 50.5

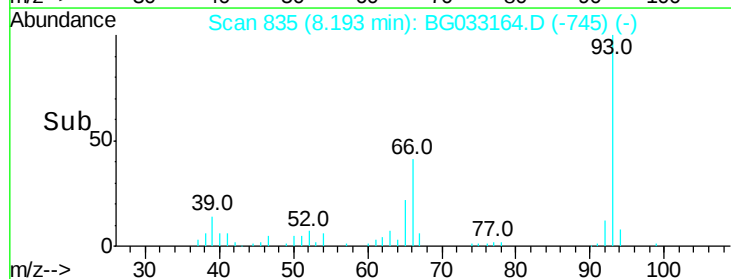
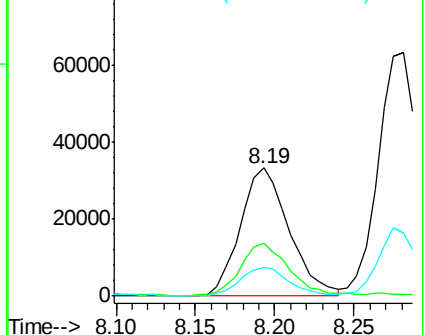
65 22.4 16.1 24.1

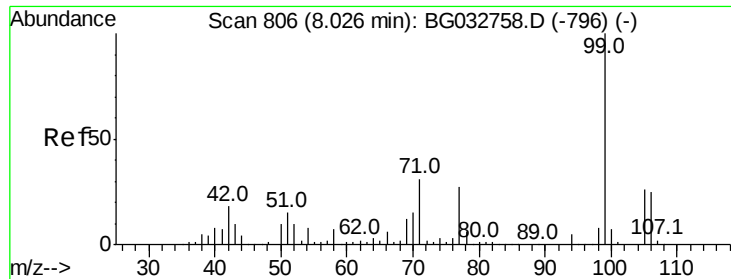


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.432 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

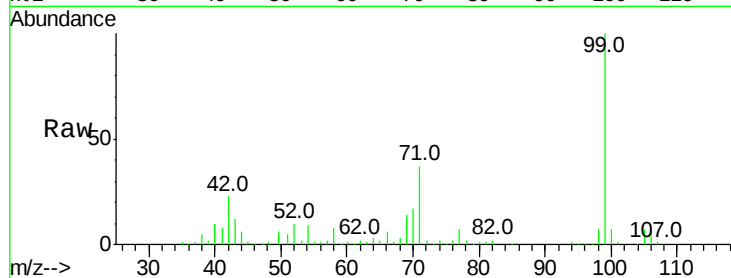
Instrument :

BNA_F

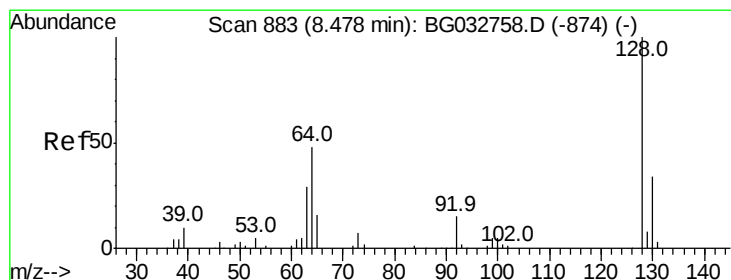
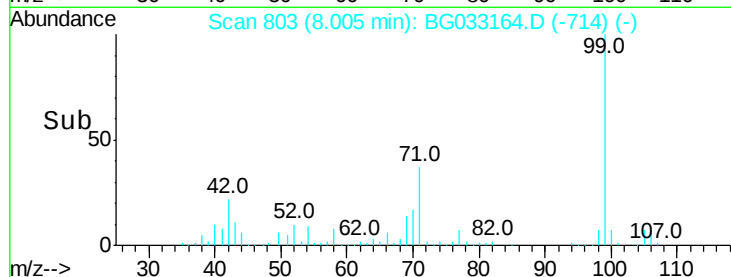
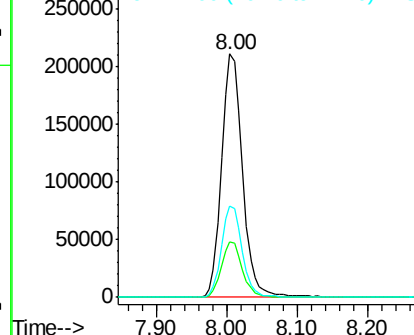
ClientSampled :

Tot Ion: 99 Resp: 435932

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.1	21.1#
71	37.3	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
 Ion 42.00 (41.70 to 42.70): BGC
 Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 50.820 ng

RT: 8.45 min Scan# 878

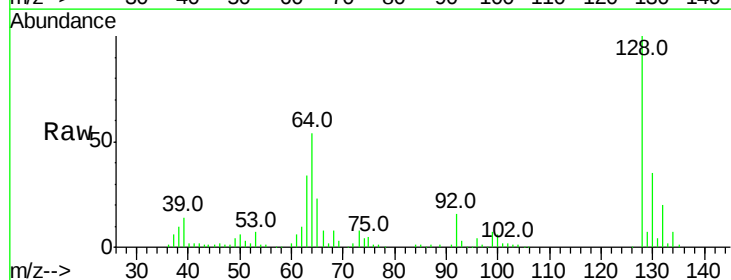
Delta R.T. 0.00 min

Lab File: BG033164.D

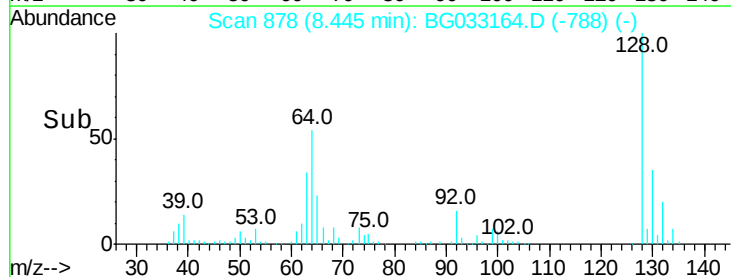
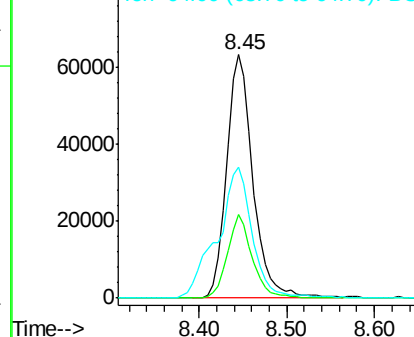
Acq: 15 Mar 2018 3:53

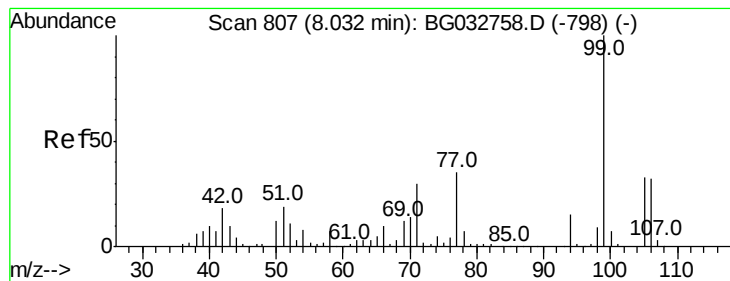
Tgt Ion: 128 Resp: 130381

Ion	Ratio	Lower	Upper
128	100		
130	34.5	14.0	54.0
64	54.0	37.7	77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 130.00 (129.70 to 130.70): BGC
 Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 22.798 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_F

ClientSampleId :

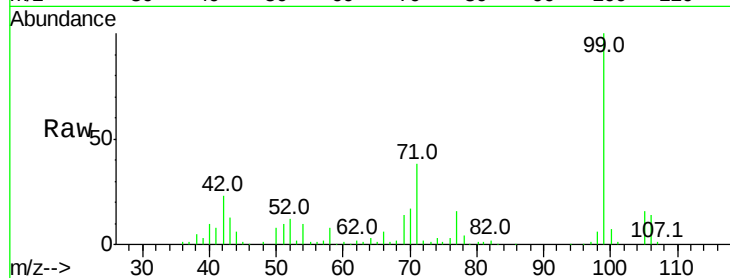
Tot Ion: 77 Resp: 42928

Ion Ratio Lower Upper

77 100

105 97.4 71.3 111.3

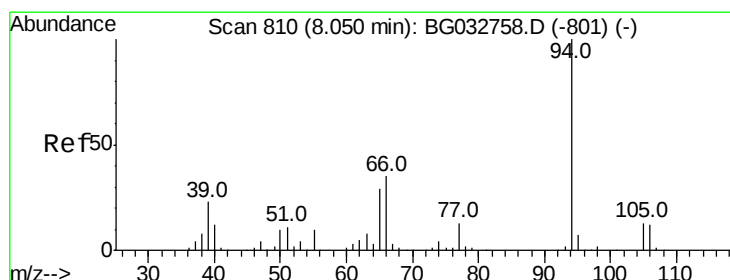
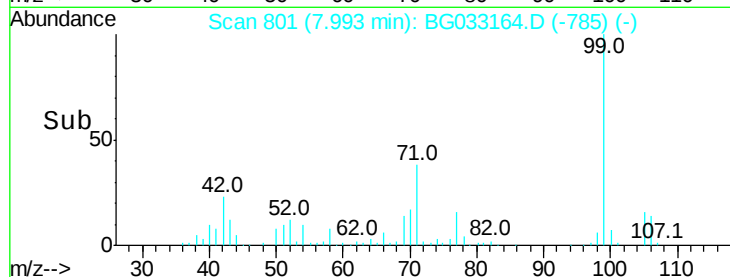
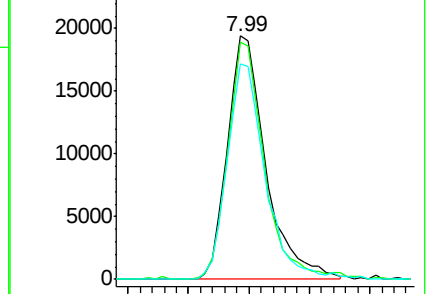
106 88.5 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.517 ng

RT: 8.03 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

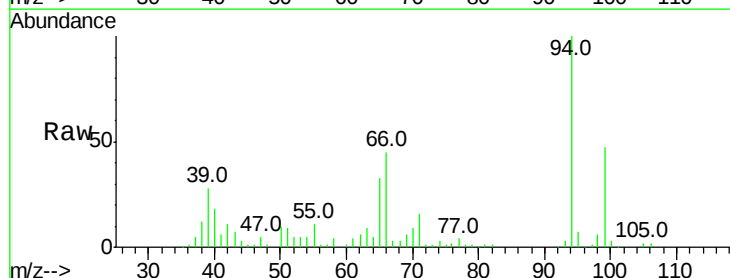
Tgt Ion: 94 Resp: 146613

Ion Ratio Lower Upper

94 100

65 33.1 11.9 51.9

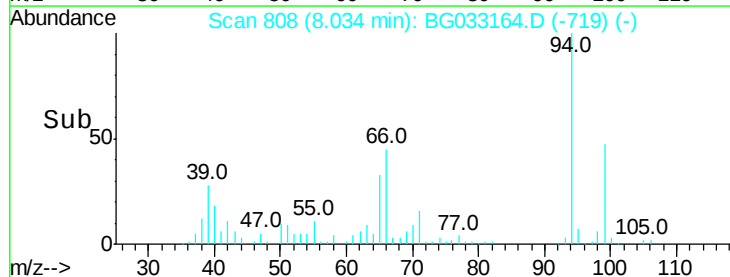
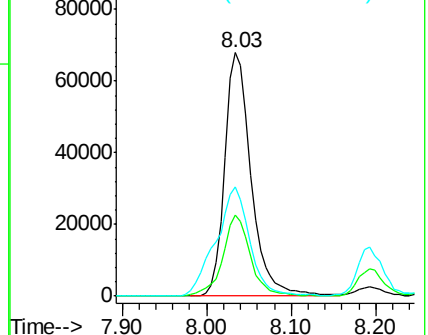
66 45.1 22.2 62.2

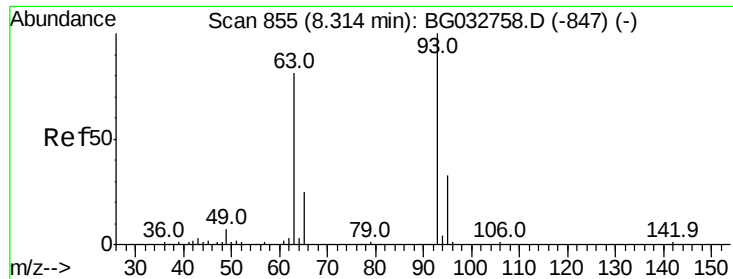


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

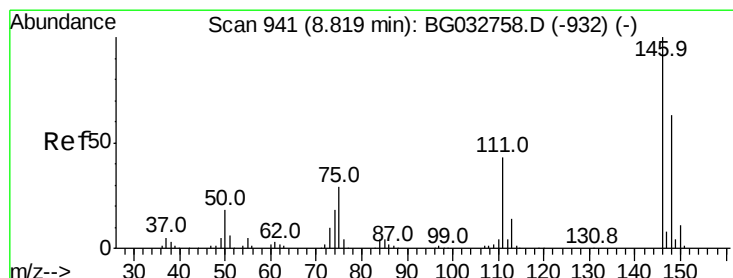
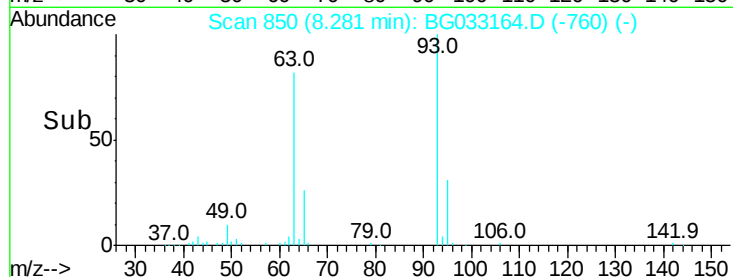
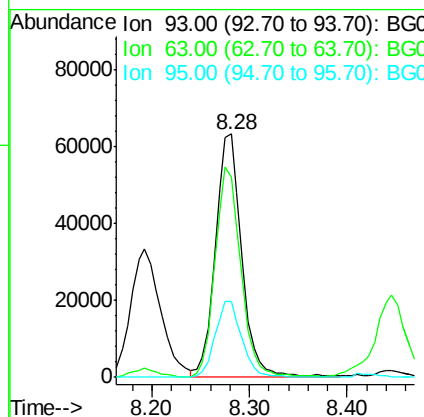
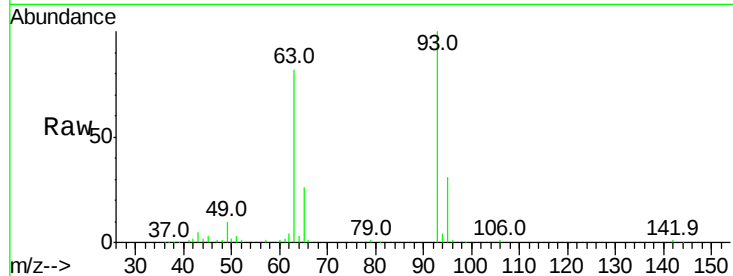




#11
bis(2-Chloroethyl)ether
Concen: 43.998 ng
RT: 8.28 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

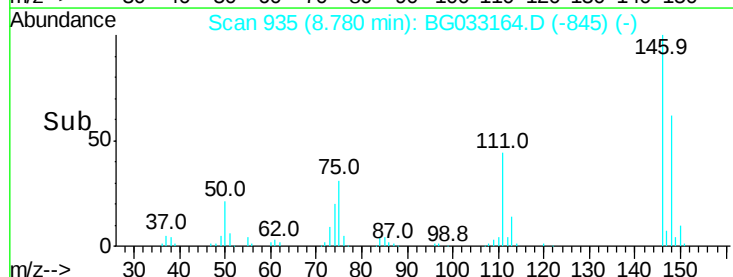
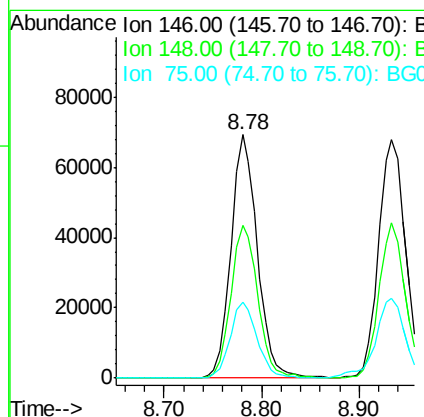
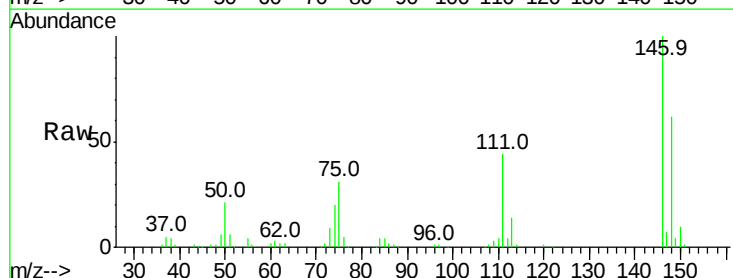
Instrument :
BNA_F
ClientSampleId :

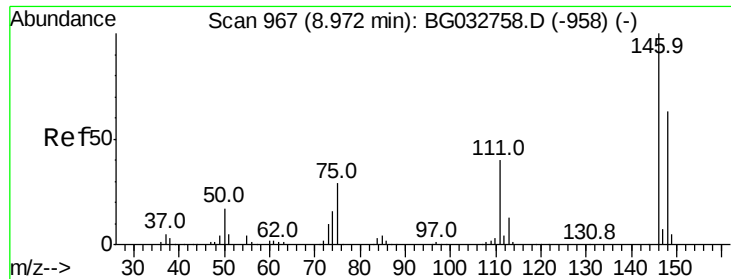
Tot Ion: 93 Resp: 118487
Ion Ratio Lower Upper
93 100
63 82.1 67.1 107.1
95 31.0 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 43.225 ng
RT: 8.78 min Scan# 935
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion: 146 Resp: 129887
Ion Ratio Lower Upper
146 100
148 62.5 51.4 77.2
75 31.2 26.6 39.8

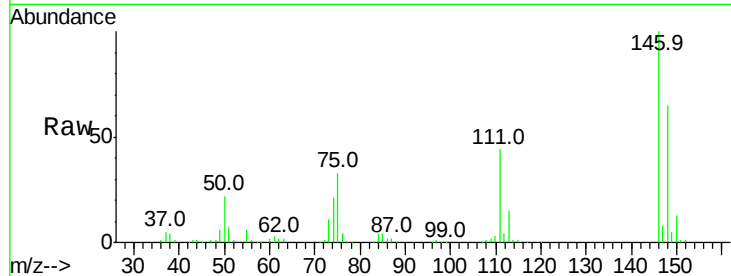




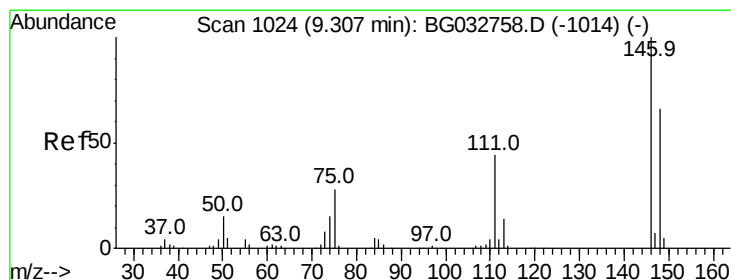
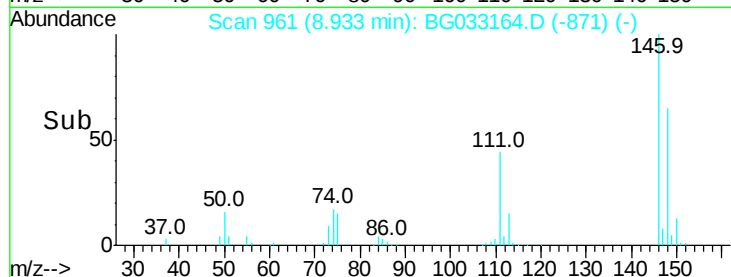
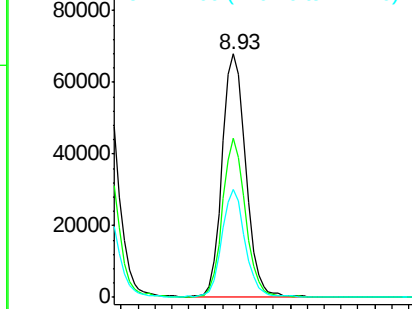
#13
 1,4-Dichlorobenzene
 Concen: 43.608 ng
 RT: 8.93 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 131900
 Ion Ratio Lower Upper
 146 100
 148 65.3 53.7 80.5
 111 44.3 35.2 52.8

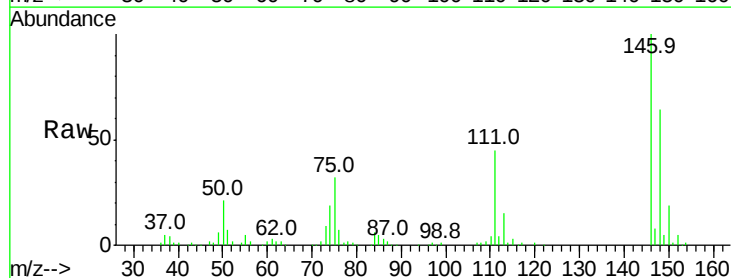


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

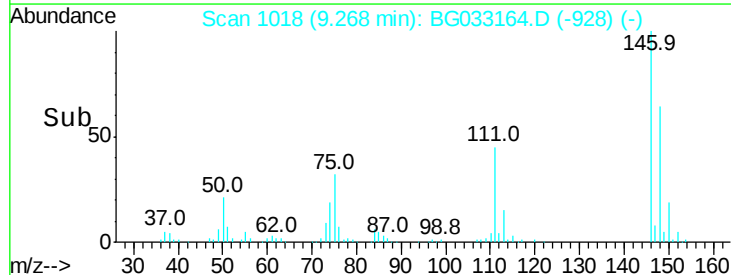
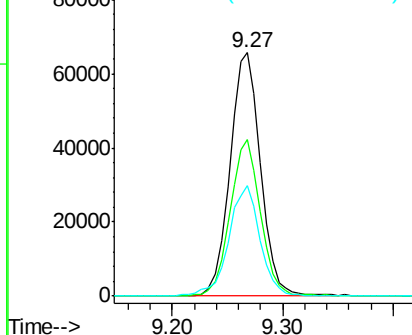


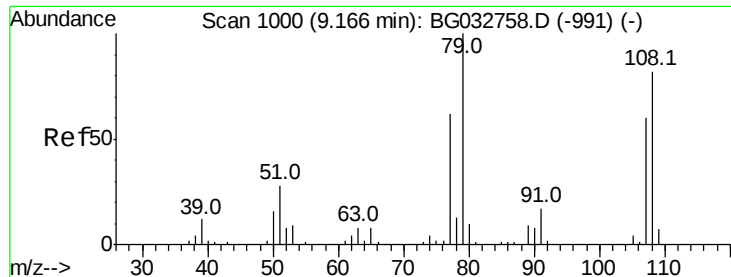
#14
 1,2-Dichlorobenzene
 Concen: 43.815 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion:146 Resp: 126998
 Ion Ratio Lower Upper
 146 100
 148 64.1 49.3 73.9
 111 45.3 34.3 51.5



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

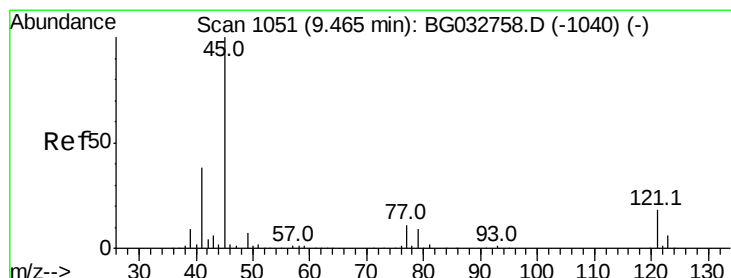
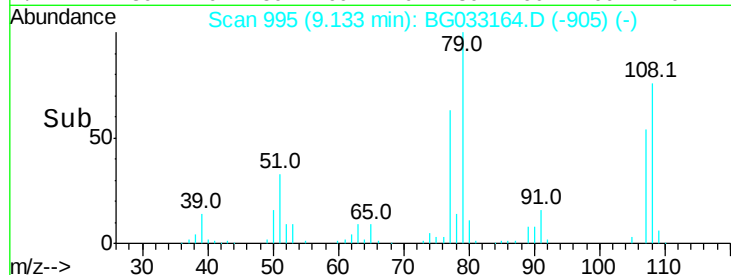
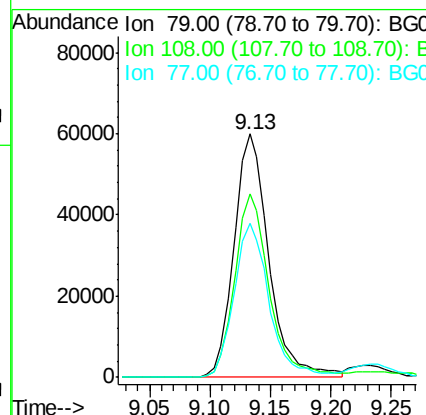
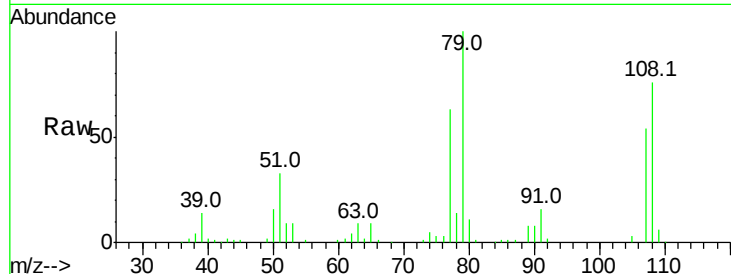




#15
Benzyl Alcohol
Concen: 50.181 ng
RT: 9.13 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

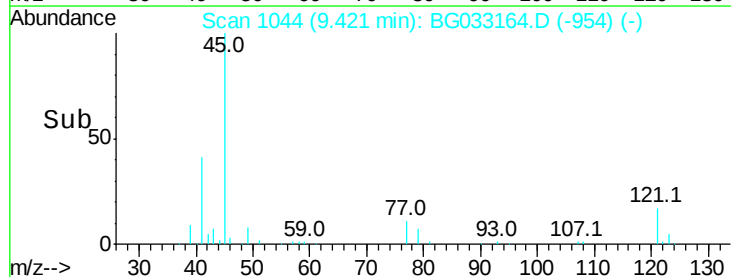
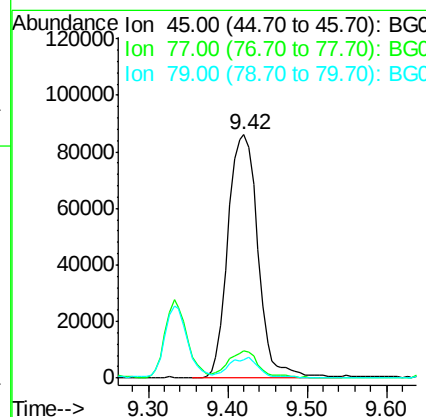
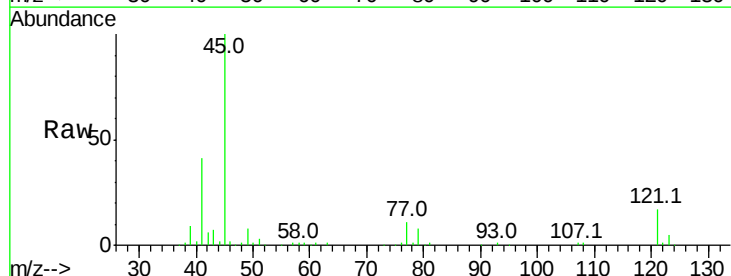
Instrument :
BNA_F
ClientSampled :

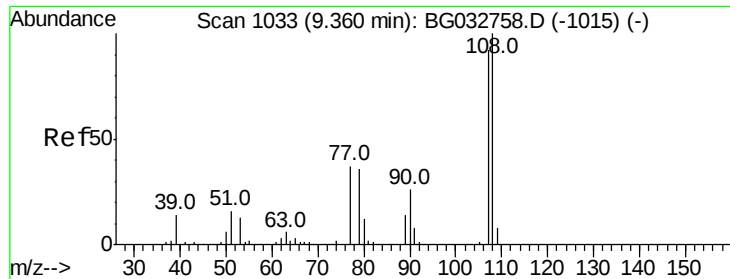
Tot Ion: 79 Resp: 120525
Ion Ratio Lower Upper
79 100
108 75.5 57.2 85.8
77 63.4 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.439 ng
RT: 9.42 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion: 45 Resp: 224250
Ion Ratio Lower Upper
45 100
77 11.5 0.0 30.2
79 7.6 0.0 27.9

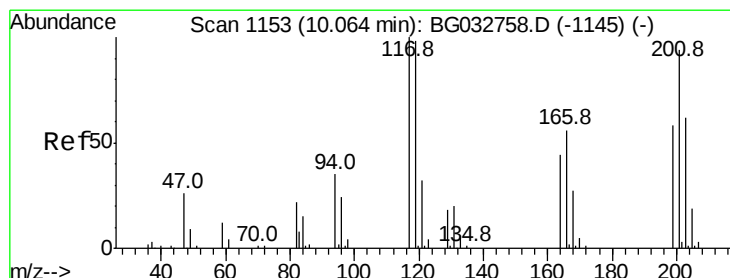
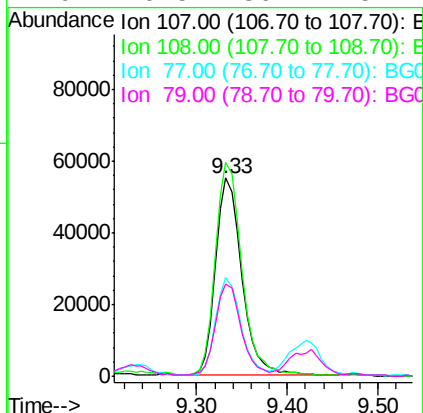
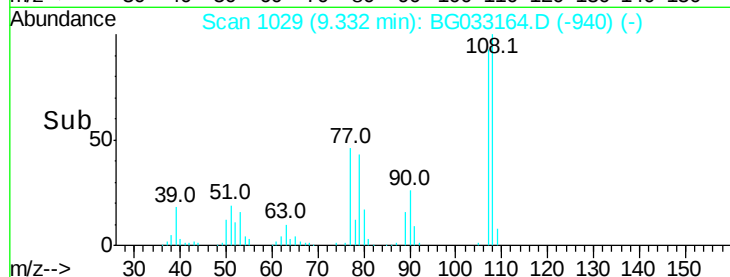
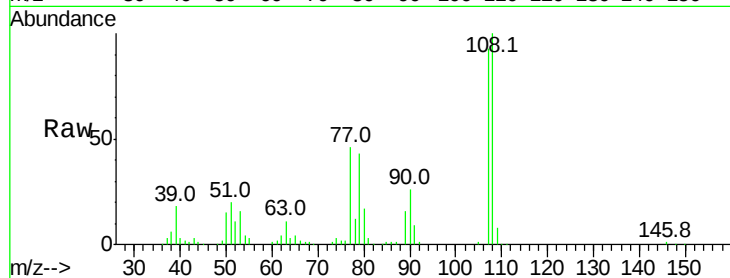




#17
2-Methylphenol
Concen: 45.607 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

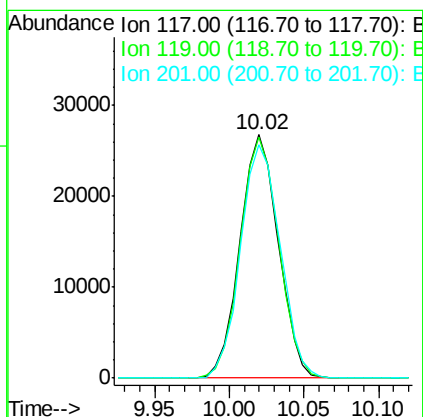
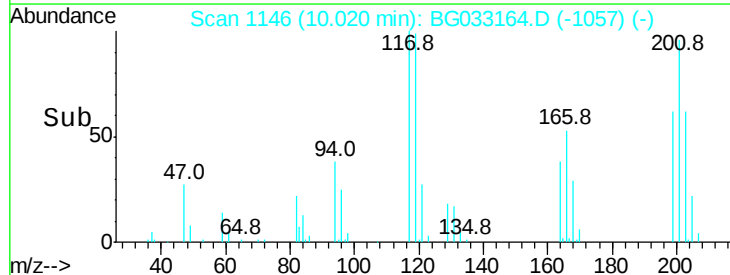
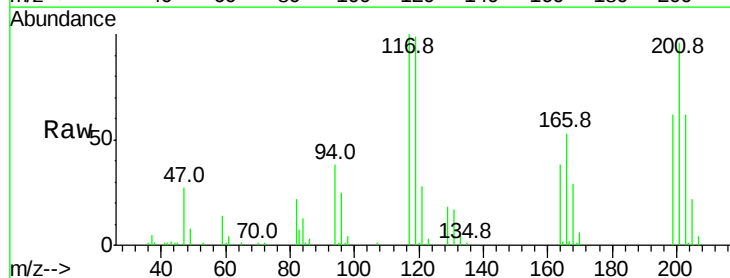
Instrument :
BNA_F
ClientSampled :

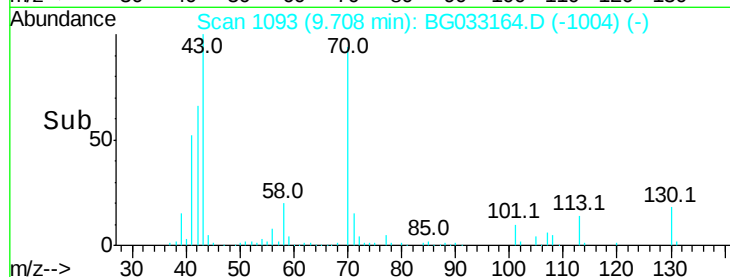
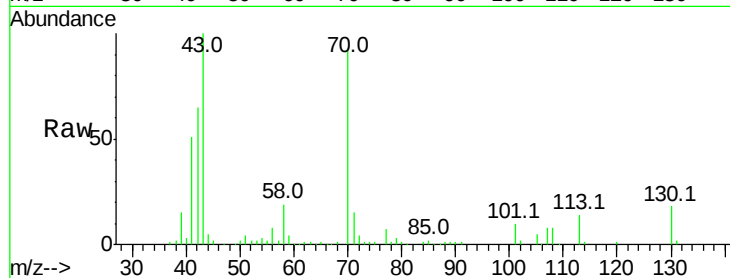
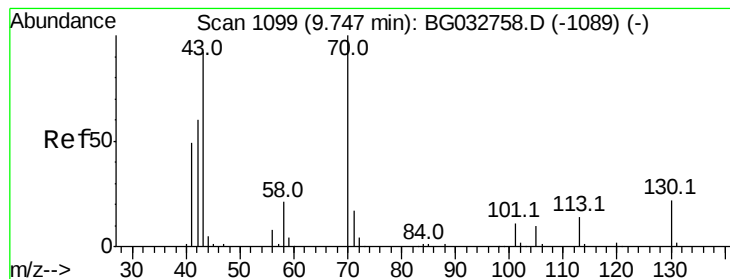
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.0	83.9	125.9
77	50.1	37.2	55.8
79	46.5	36.2	54.2



#18
Hexachloroethane
Concen: 46.297 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	76.7	115.1
201	95.9	95.7	143.5





#19

n-Nitroso-di-n-propylamine

Concen: 46.034 ng

RT: 9.71 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 106177

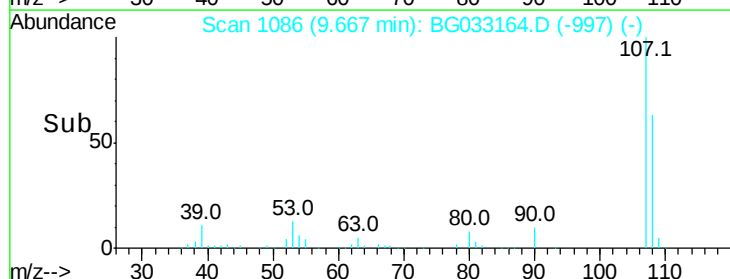
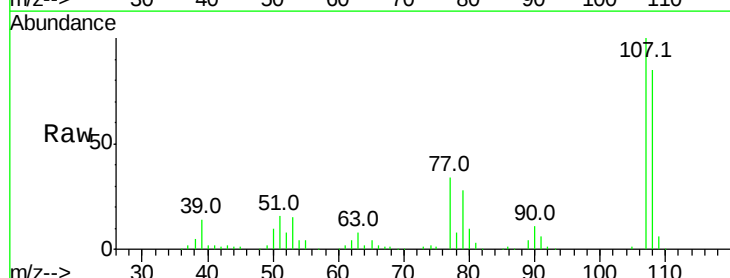
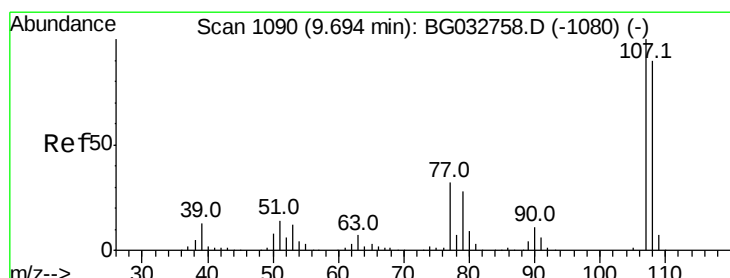
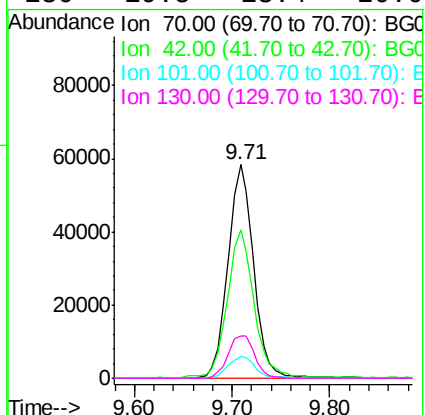
Ion Ratio Lower Upper

70 100

42 69.7 49.1 73.7

101 10.3 8.5 12.7

130 19.5 13.4 20.0



#20

3+4-Methylphenols

Concen: 47.092 ng

RT: 9.67 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Tgt Ion: 107 Resp: 159017

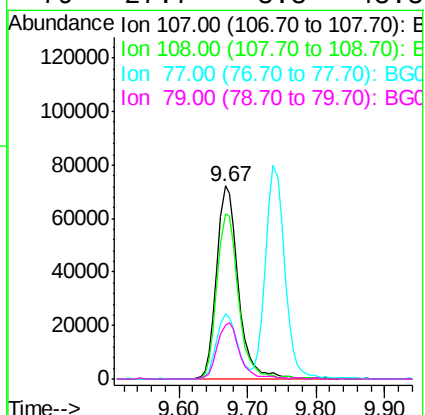
Ion Ratio Lower Upper

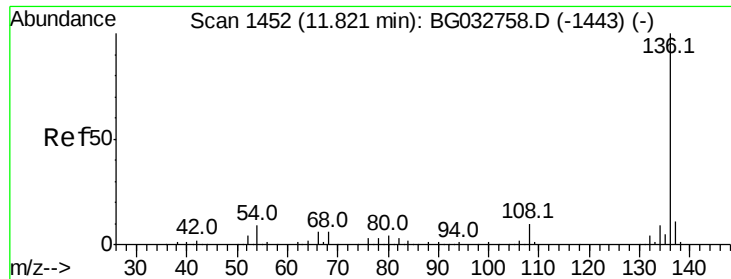
107 100

108 85.4 61.6 101.6

77 34.1 13.9 53.9

79 27.7 8.8 48.8

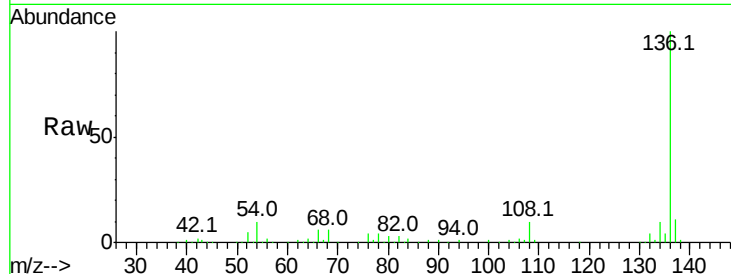




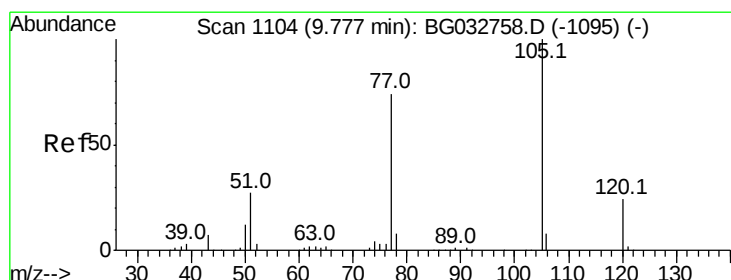
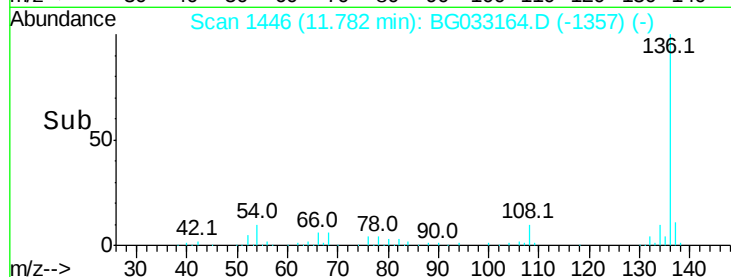
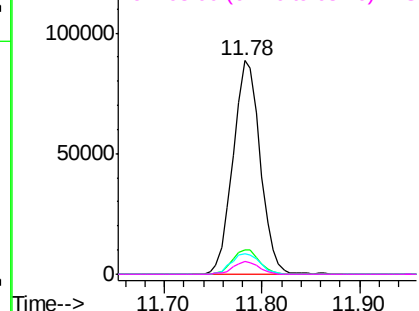
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	171329
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.2 13.8
54	9.9	10.3 15.5#
68	6.0	4.5 6.7

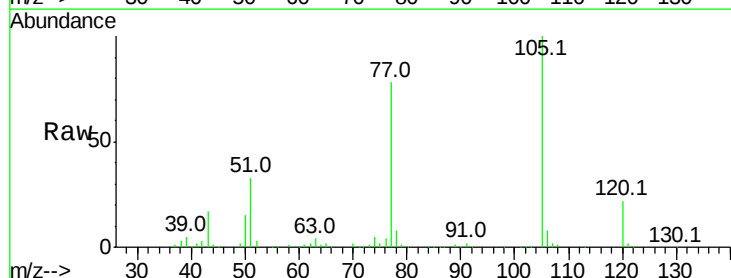


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

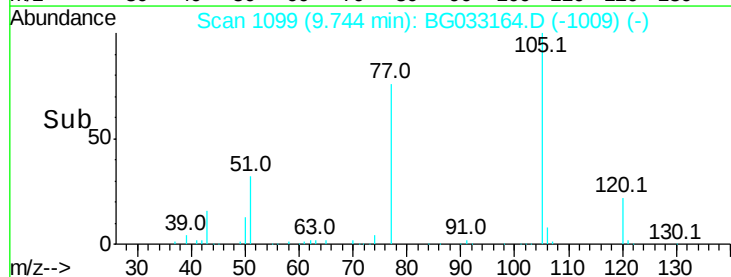
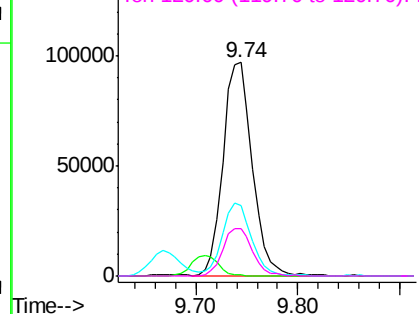


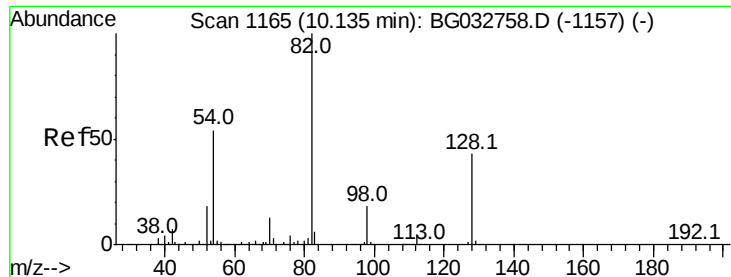
#22
Acetophenone
Concen: 44.688 ng
RT: 9.74 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion:105	Resp:	193362
Ion Ratio	Lower	Upper
105	100	
71	0.3	3.0 4.4#
51	33.0	26.1 39.1
120	22.4	17.4 26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 121.339 ng

RT: 10.10 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_F

ClientSampled :

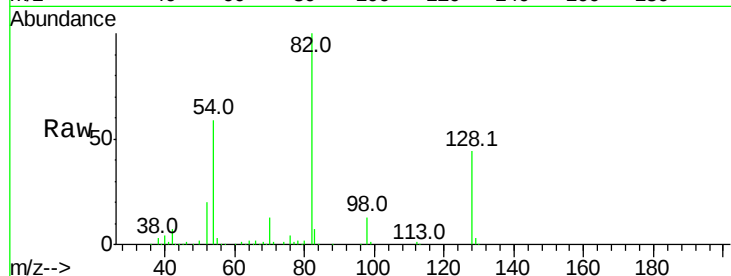
Tot Ion: 82 Resp: 311417

Ion Ratio Lower Upper

82 100

128 44.0 29.7 44.5

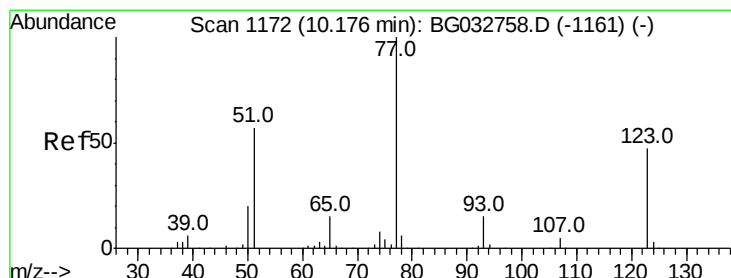
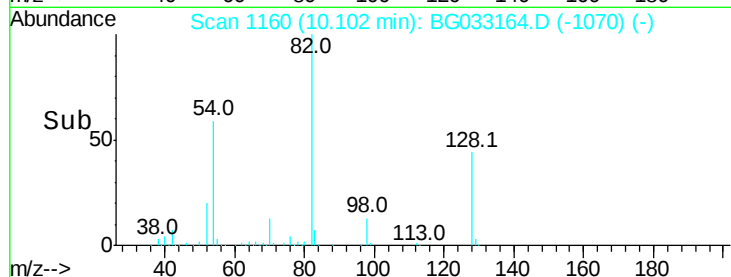
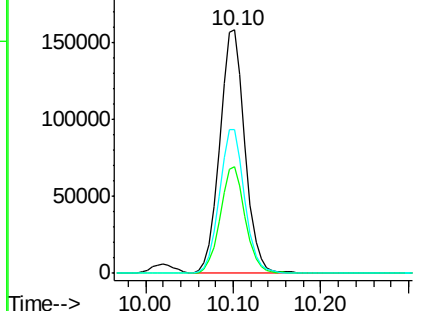
54 58.9 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 54.164 ng

RT: 10.14 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

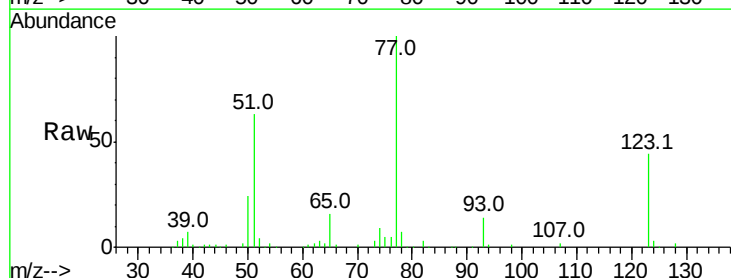
Tgt Ion: 77 Resp: 150572

Ion Ratio Lower Upper

77 100

123 44.4 33.0 49.6

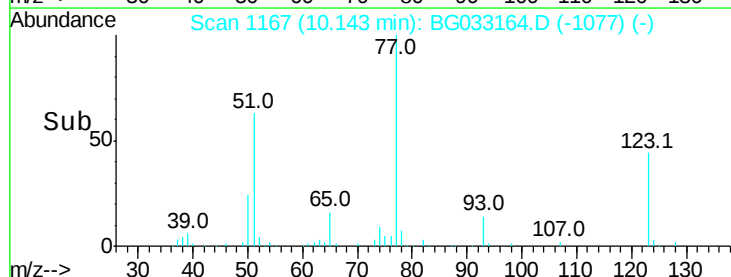
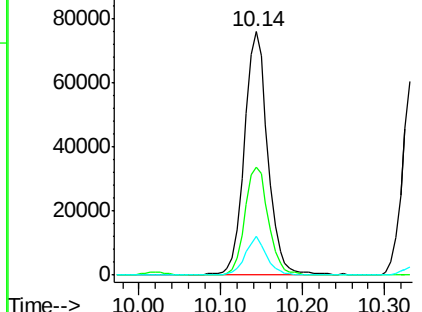
65 16.1 13.0 19.6

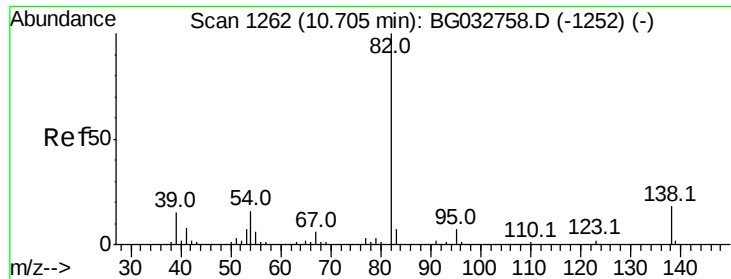


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 49.576 ng

RT: 10.66 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_F

ClientSampleId :

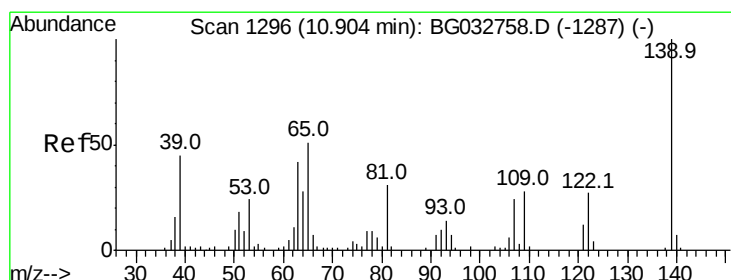
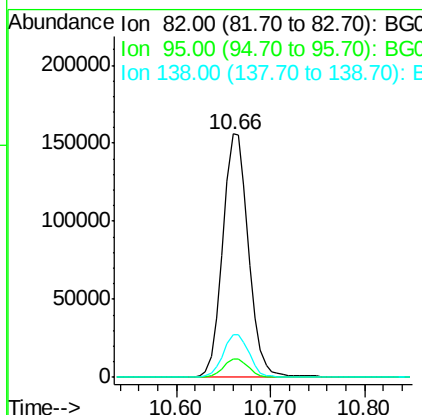
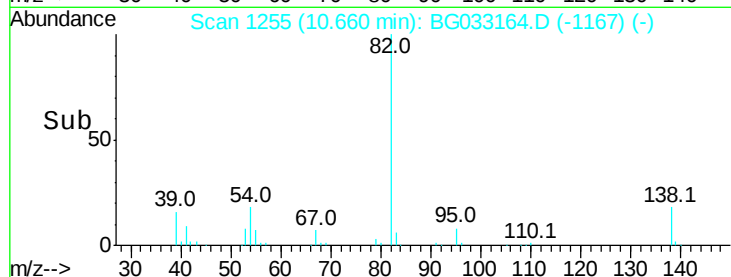
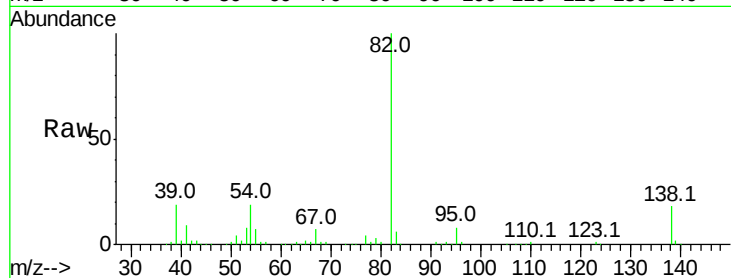
Tot Ion: 82 Resp: 298130

Ion Ratio Lower Upper

82 100

95 7.8 6.2 9.2

138 17.6 12.1 18.1



#26

2-Nitrophenol

Concen: 66.516 ng

RT: 10.87 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

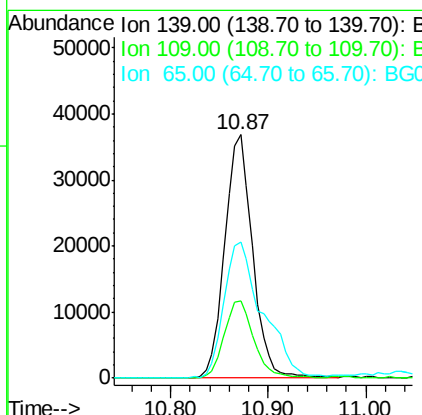
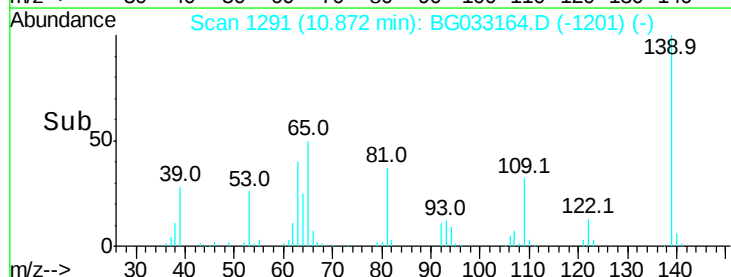
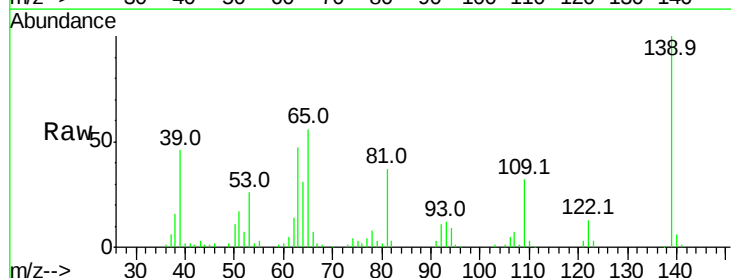
Tgt Ion:139 Resp: 73003

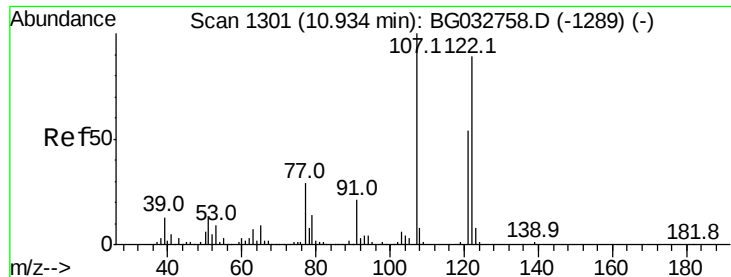
Ion Ratio Lower Upper

139 100

109 31.7 24.2 36.2

65 56.1 47.4 71.0

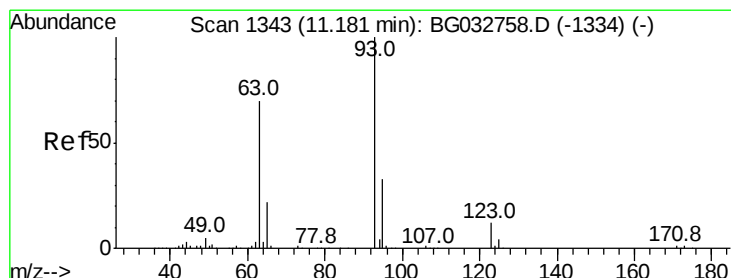
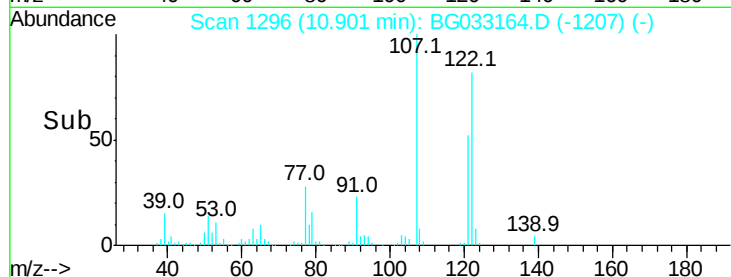
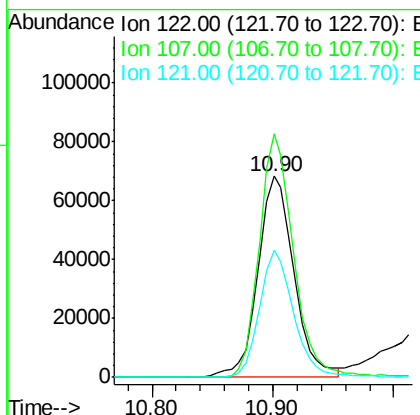
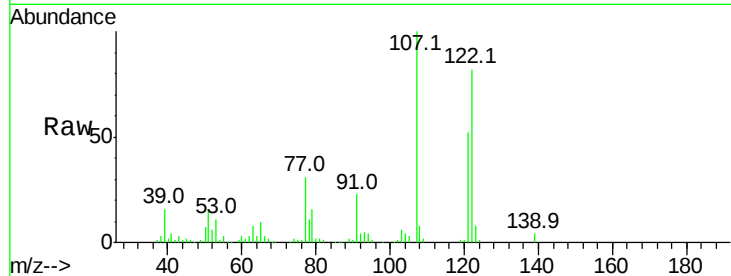




#27
 2,4-Dimethylphenol
 Concen: 54.029 ng
 RT: 10.90 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

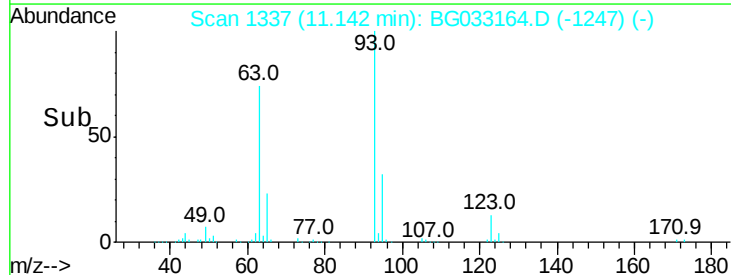
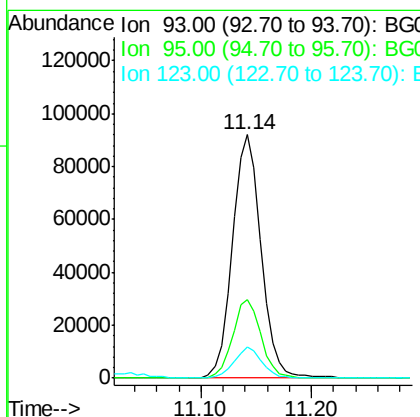
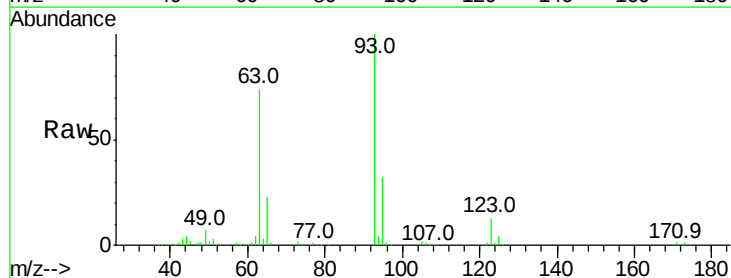
Instrument :
 BNA_F
 ClientSampleId :

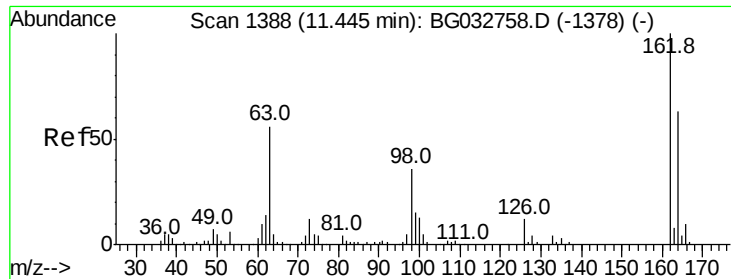
Tot Ion:122 Resp: 141144
 Ion Ratio Lower Upper
 122 100
 107 121.2 100.2 150.2
 121 63.3 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.734 ng
 RT: 11.14 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion: 93 Resp: 167224
 Ion Ratio Lower Upper
 93 100
 95 32.1 24.3 36.5
 123 12.7 8.4 12.6#

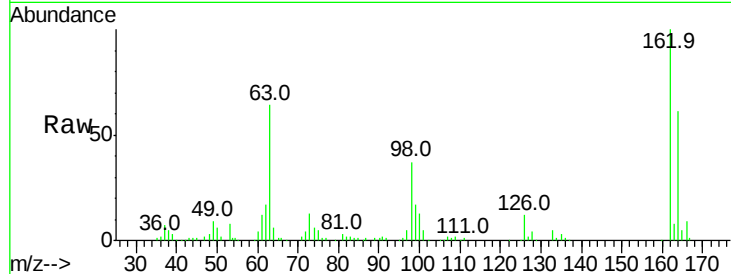




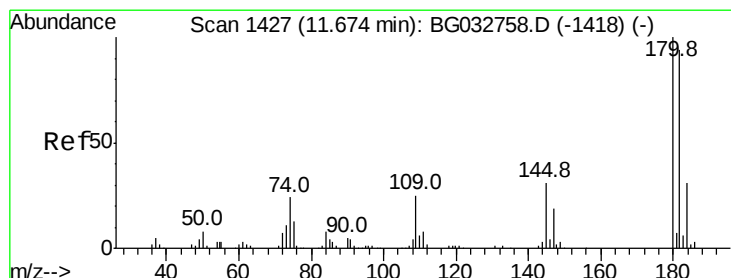
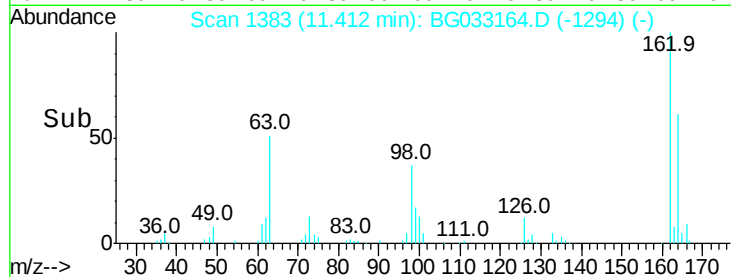
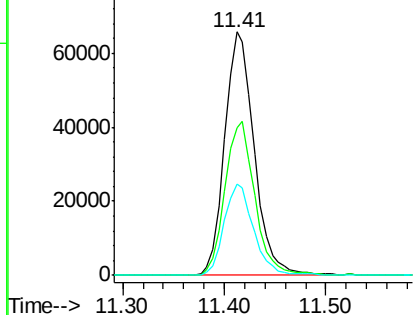
#29
 2,4-Dichlorophenol
 Concen: 56.195 ng
 RT: 11.41 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.9	48.0	88.0
98	37.3	21.1	61.1

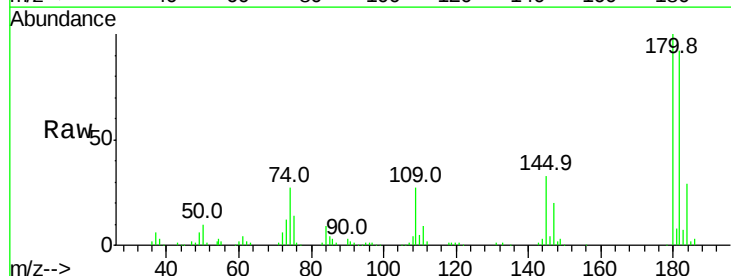


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

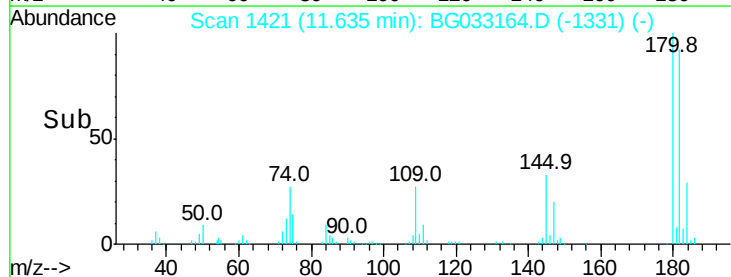
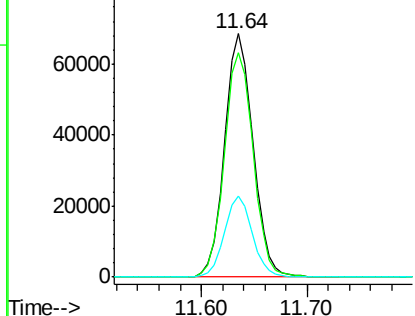


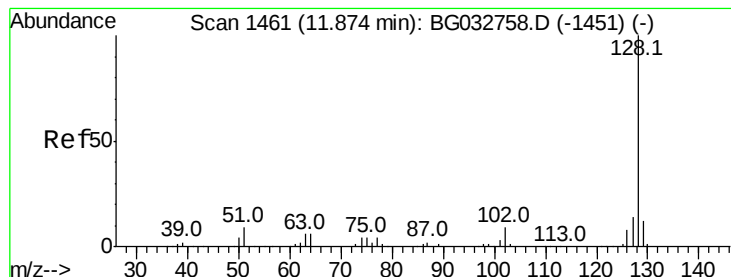
#30
 1,2,4-Trichlorobenzene
 Concen: 45.904 ng
 RT: 11.64 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	77.5	116.3
145	33.5	23.4	35.2



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: 47.009 ng

RT: 11.83 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_F

ClientSampled :

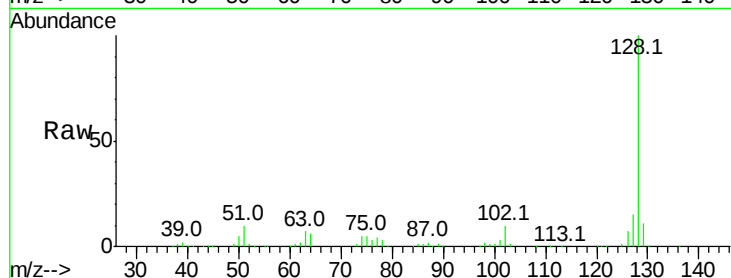
Tot Ion:128 Resp: 420856

Ion Ratio Lower Upper

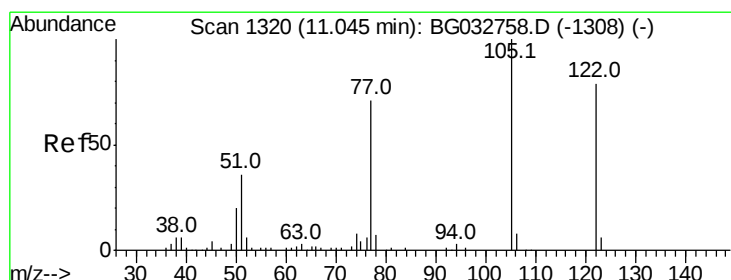
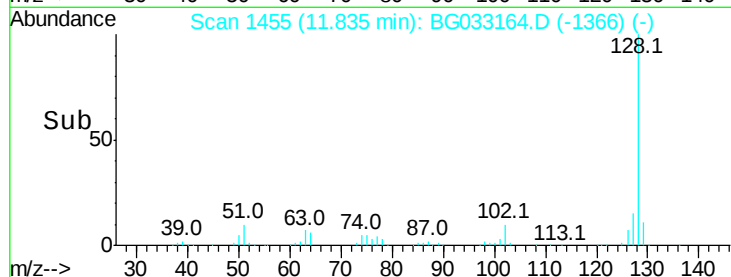
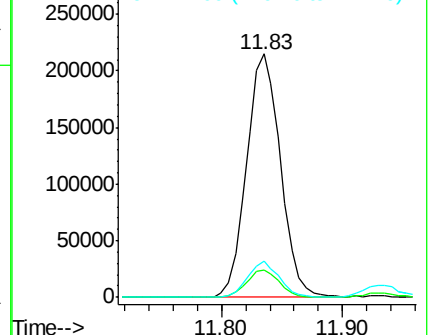
128 100

129 11.1 8.6 12.8

127 14.6 11.6 17.4



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: 71.597 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.07 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

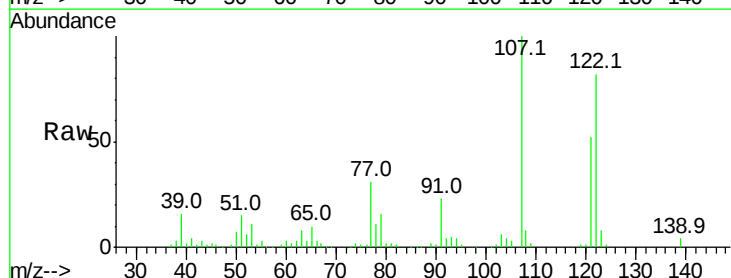
Tgt Ion:122 Resp: 141144

Ion Ratio Lower Upper

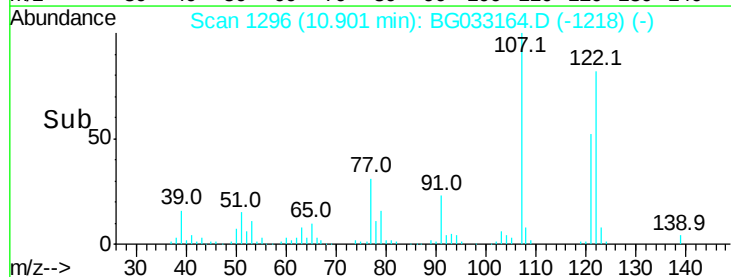
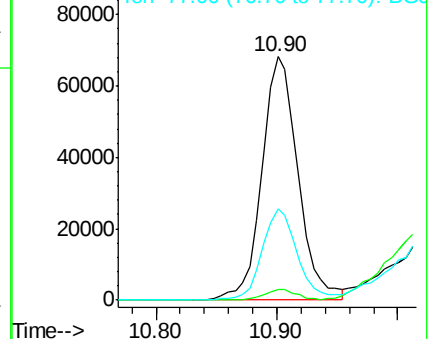
122 100

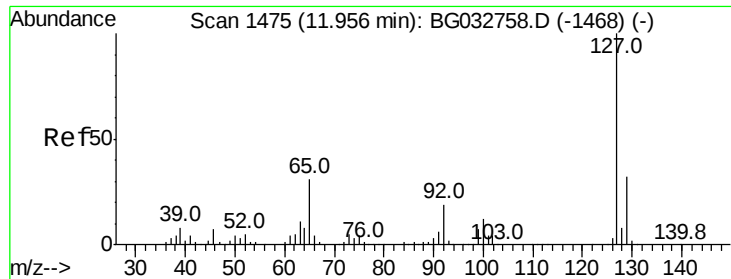
105 4.2 123.5 163.5#

77 37.7 85.7 125.7#



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): BG

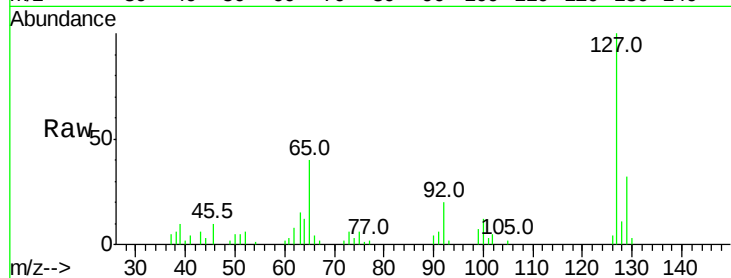




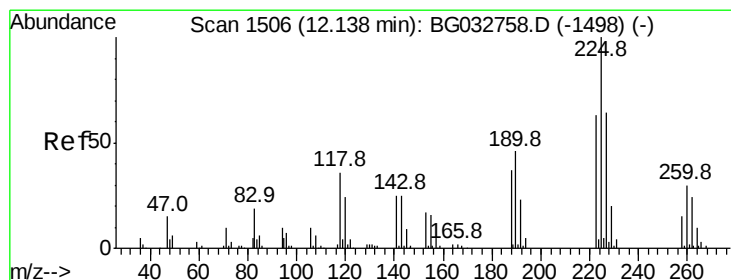
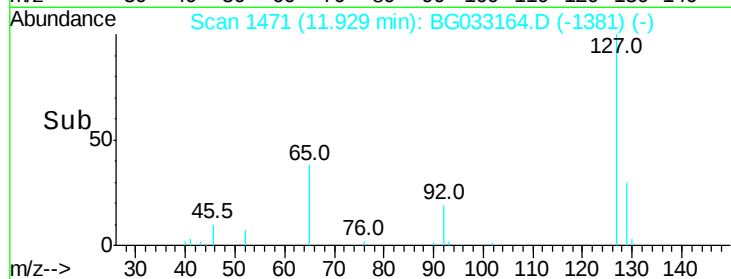
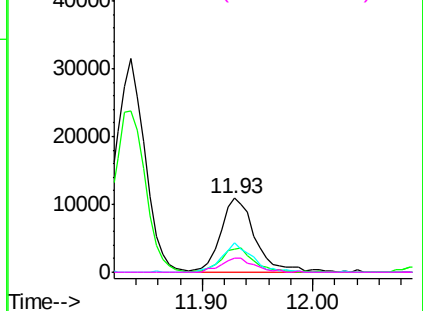
#33
4-Chloroaniline
Concen: 5.989 ng
RT: 11.93 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	23972
Ion	Ratio	Lower	Upper
127	100		
129	31.6	24.0	36.0
65	39.6	27.0	40.4
92	19.7	16.6	25.0

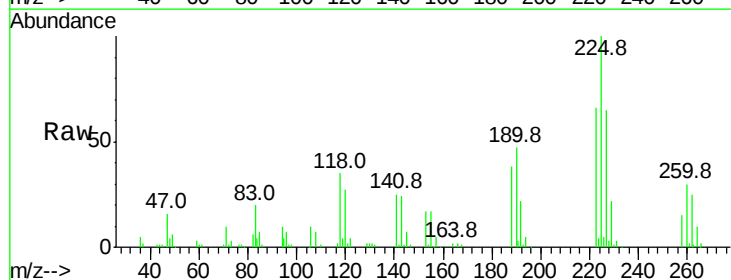


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

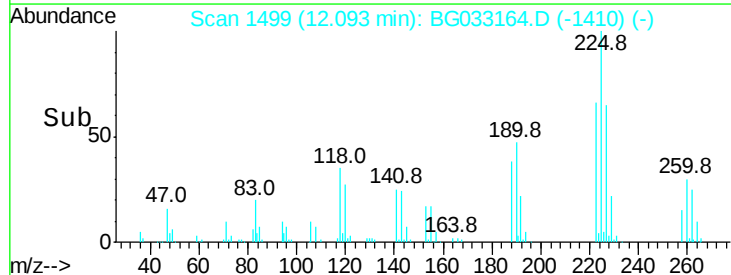
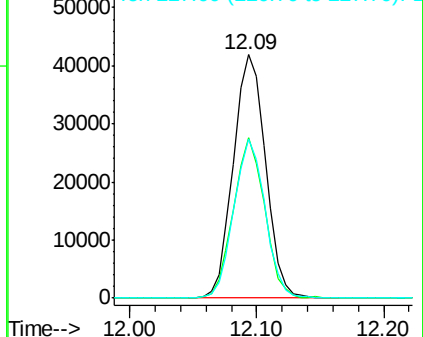


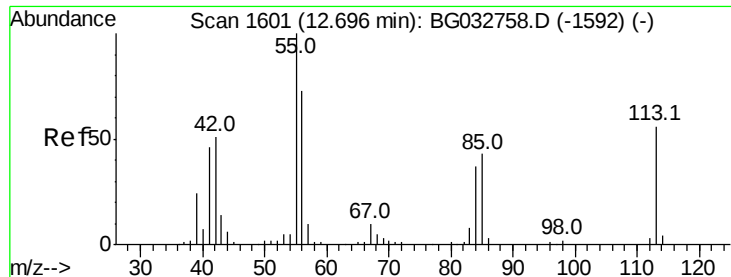
#34
Hexachlorobutadiene
Concen: 47.274 ng
RT: 12.09 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion:	225	Resp:	73697
Ion	Ratio	Lower	Upper
225	100		
223	66.1	49.7	74.5
227	65.4	48.1	72.1



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: 45.262 ng

RT: 12.68 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_F

ClientSampled :

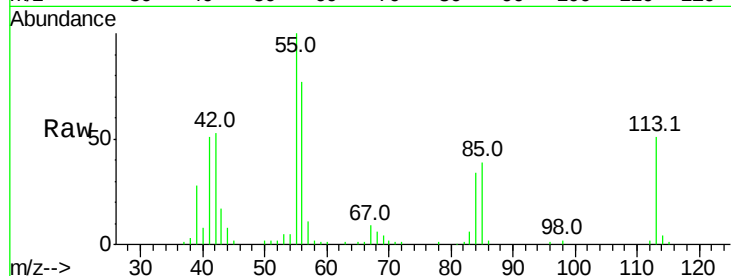
Tot Ion:113 Resp: 42970

Ion Ratio Lower Upper

113 100

55 197.8 186.9 226.9

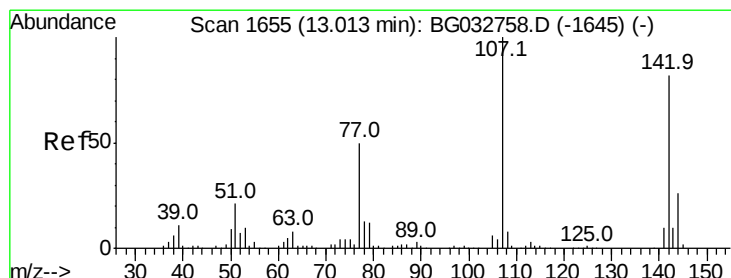
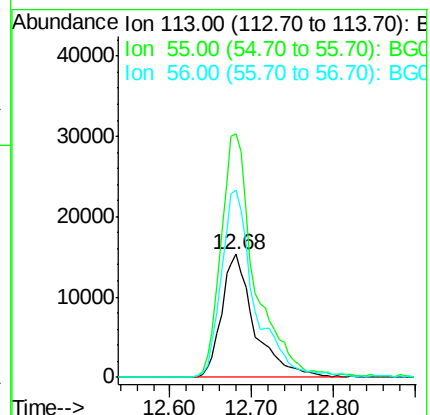
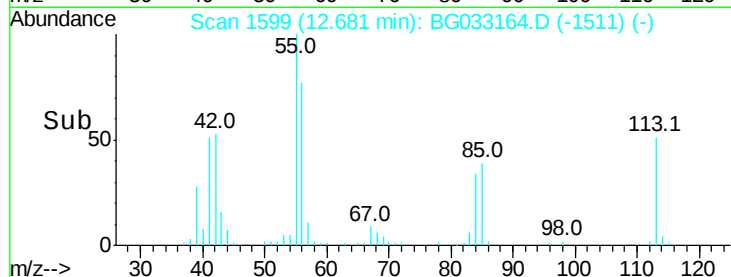
56 152.4 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 60.723 ng

RT: 12.99 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

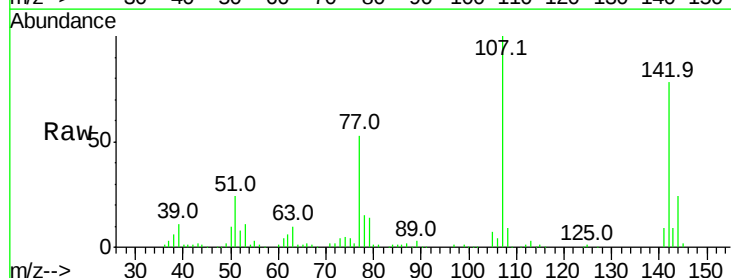
Tgt Ion:107 Resp: 167541

Ion Ratio Lower Upper

107 100

144 23.8 18.2 27.4

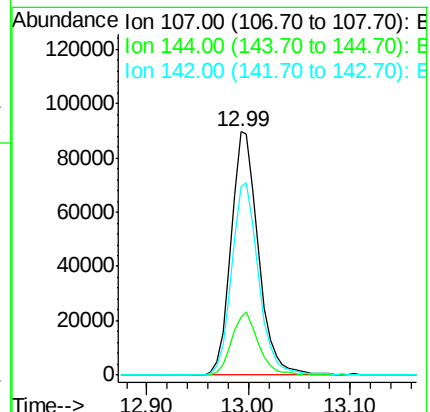
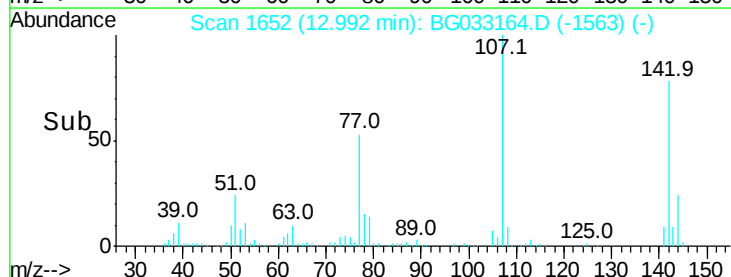
142 77.6 59.0 88.4

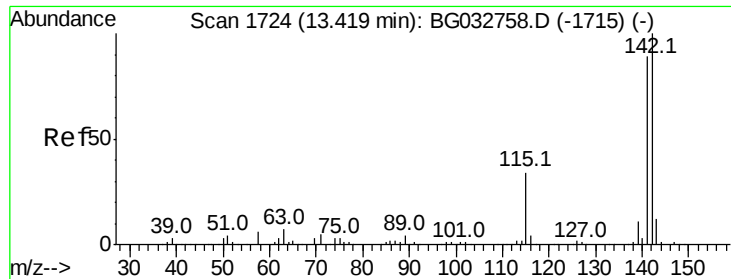


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

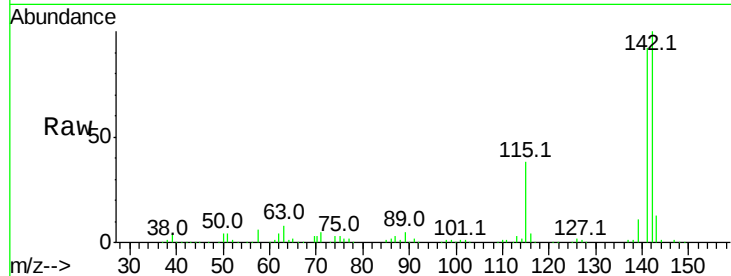




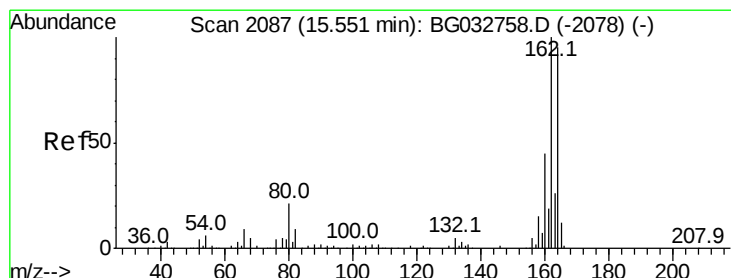
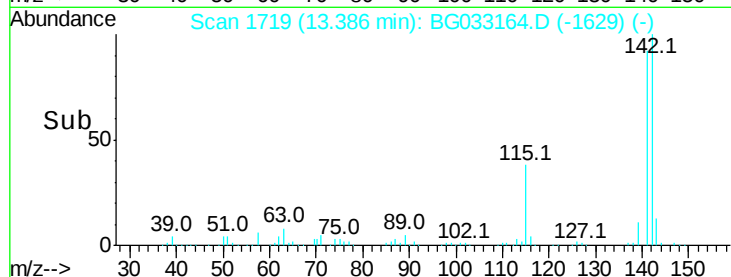
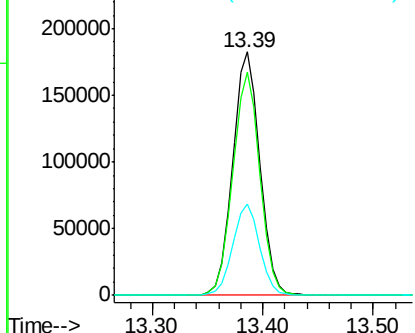
#37
 2-Methylnaphthalene
 Concen: 48.616 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 314888
 Ion Ratio Lower Upper
 142 100
 141 91.8 67.1 100.7
 115 37.5 30.7 46.1

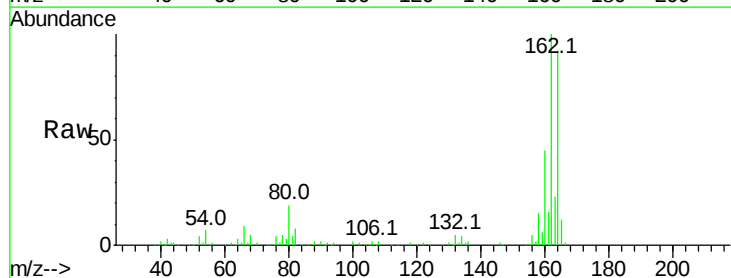


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

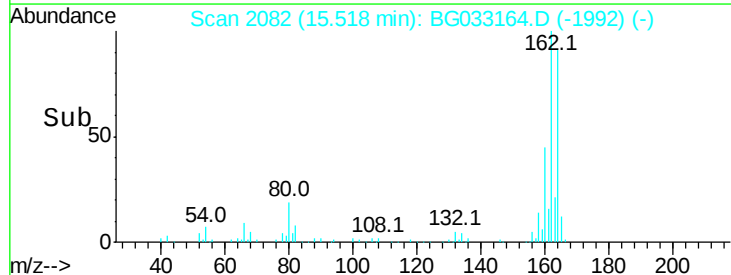
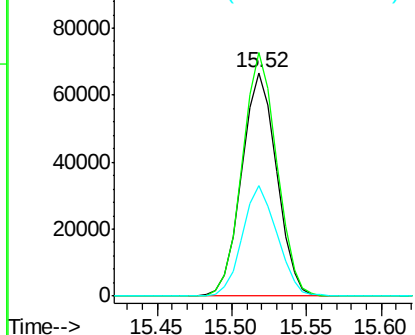


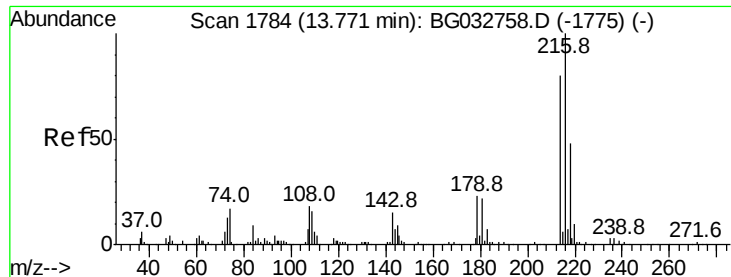
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion:164 Resp: 107782
 Ion Ratio Lower Upper
 164 100
 162 109.0 78.8 118.2
 160 49.4 35.4 53.0



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

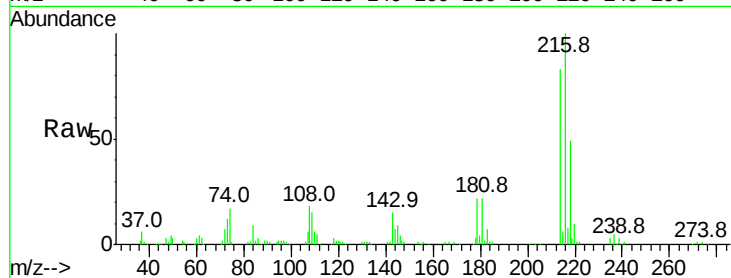




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.654 ng
 RT: 13.74 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	22.4	17.0	25.6
108	22.2	12.8	19.2

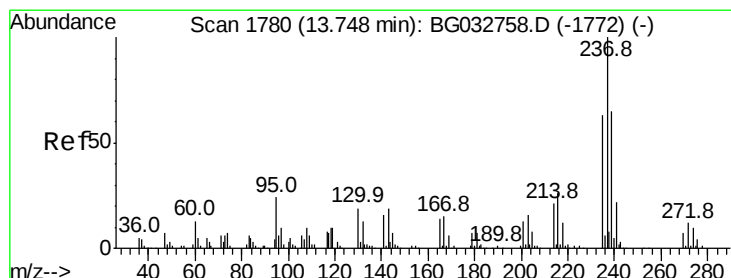
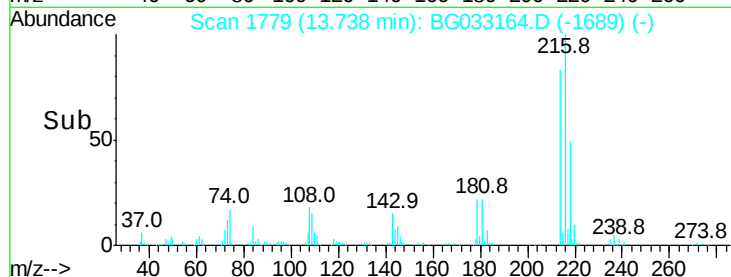
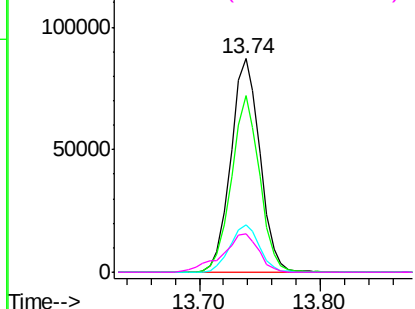


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

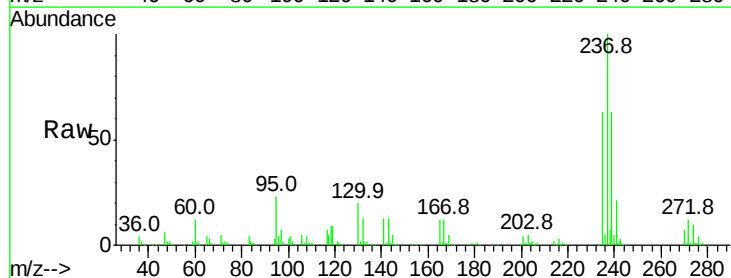
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 111.507 ng
 RT: 13.71 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

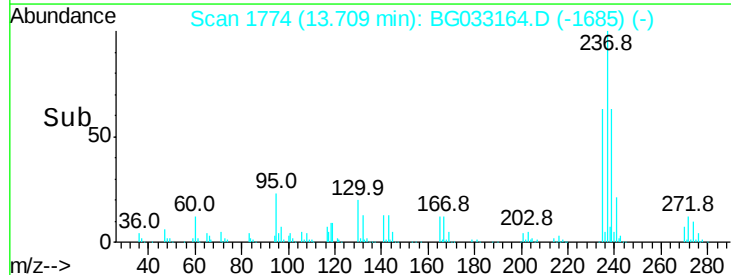
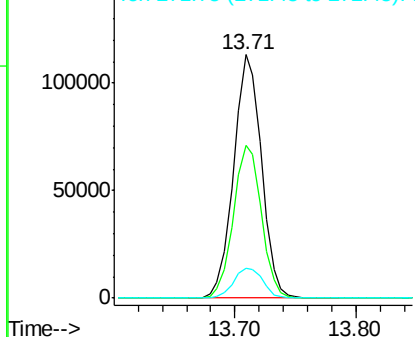
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.8	50.4	90.4
272	12.2	0.0	31.8

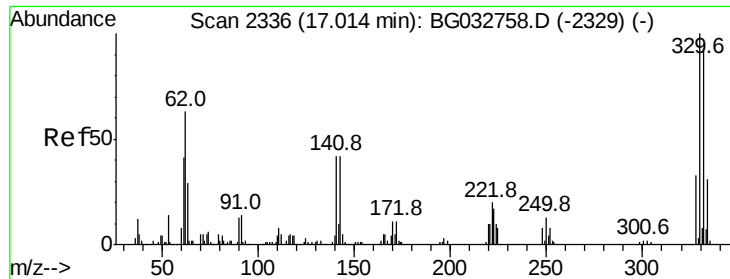


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 226.974 ng

RT: 16.99 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_F

ClientSampleId :

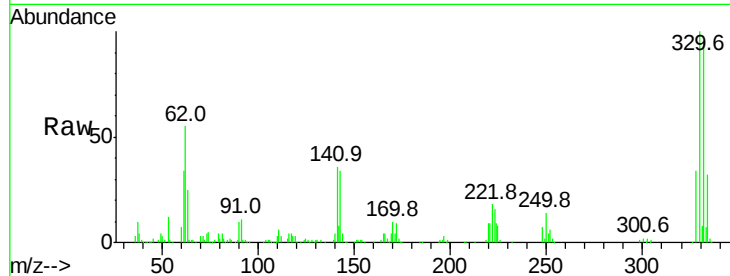
Tot Ion:330 Resp: 257227

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

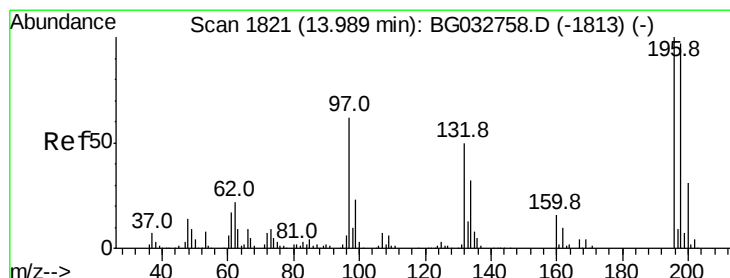
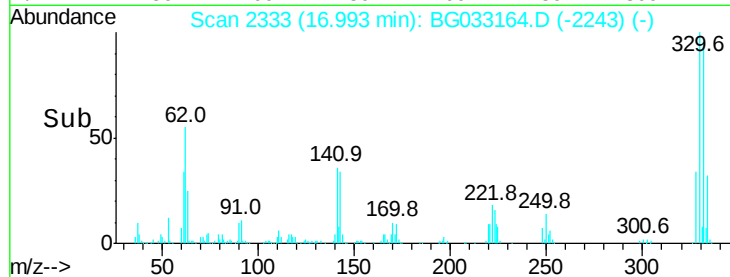
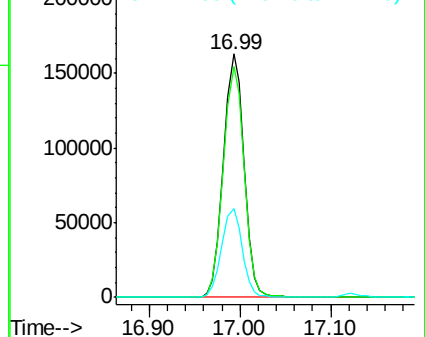
141 36.7 25.2 37.8



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: 56.558 ng

RT: 13.97 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

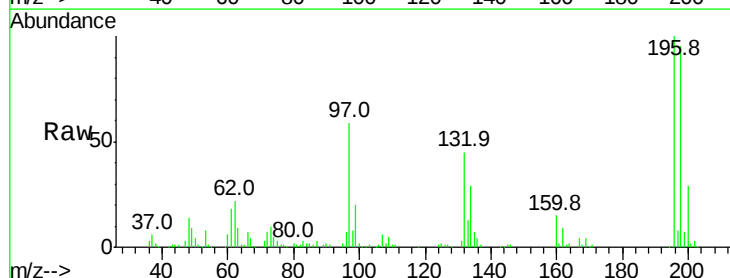
Tgt Ion:196 Resp: 114120

Ion Ratio Lower Upper

196 100

198 94.8 78.2 117.2

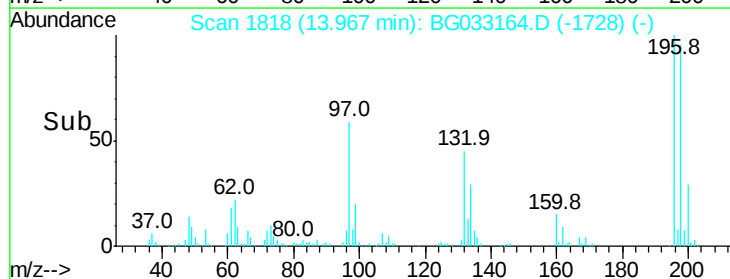
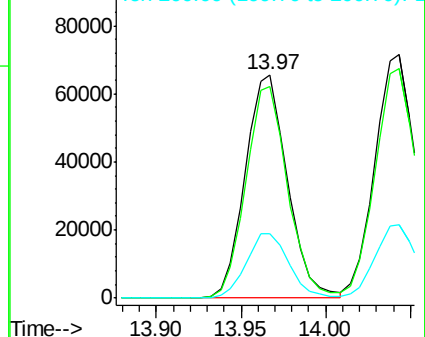
200 28.8 24.6 36.8

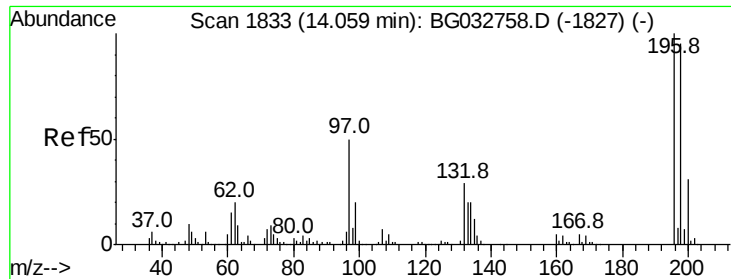


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

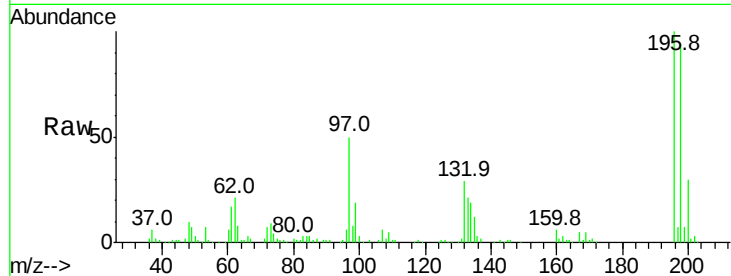




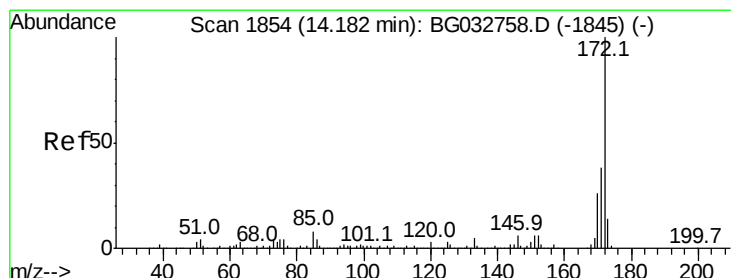
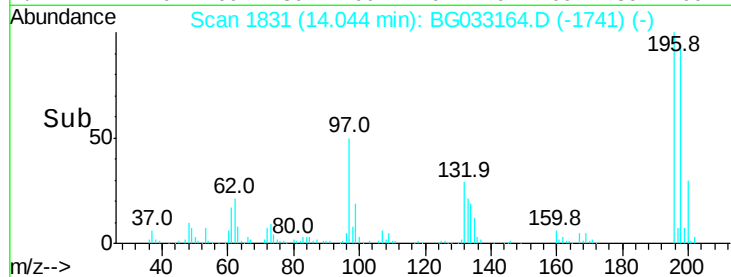
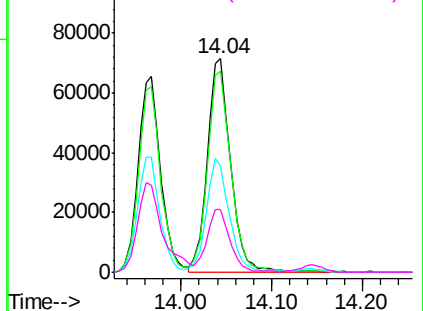
#43
 2,4,5-Trichlorophenol
 Concen: 54.882 ng
 RT: 14.04 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	128167
Ion	Ratio	Lower	Upper
196	100		
198	94.3	76.2	114.4
97	49.7	38.7	58.1
132	29.3	20.2	30.2

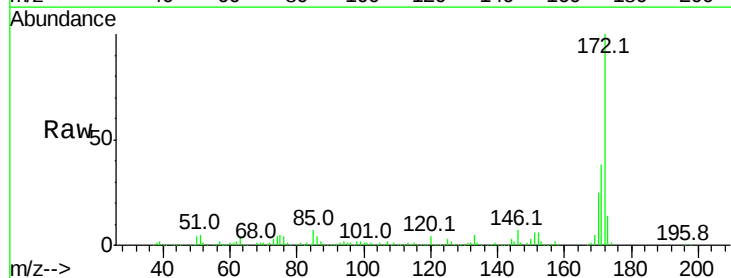


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

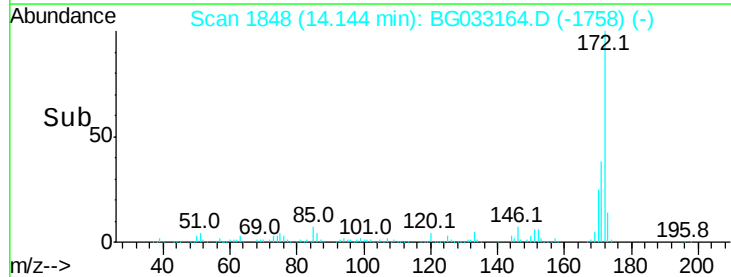
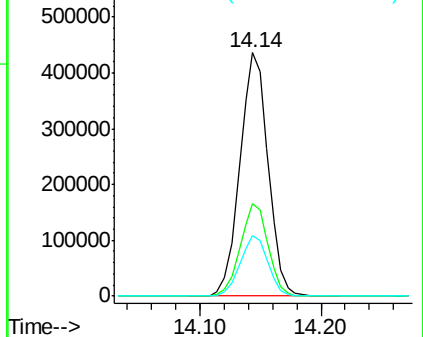


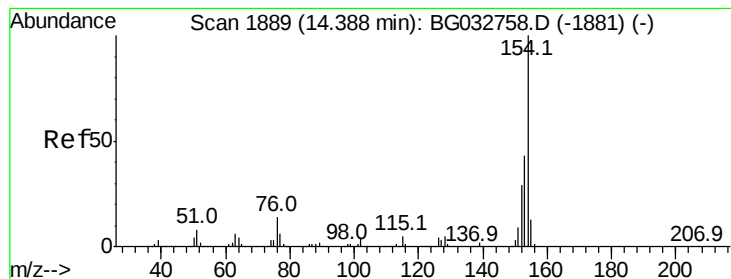
#44
 2-Fluorobiphenyl
 Concen: 94.690 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion:	172	Resp:	707637
Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.9	19.5	29.3



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: 43.334 ng

RT: 14.36 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_F

ClientSampleId :

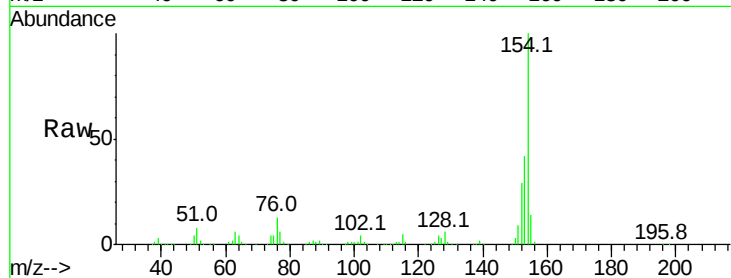
Tot Ion:154 Resp: 408139

Ion Ratio Lower Upper

154 100

153 42.1 19.8 59.8

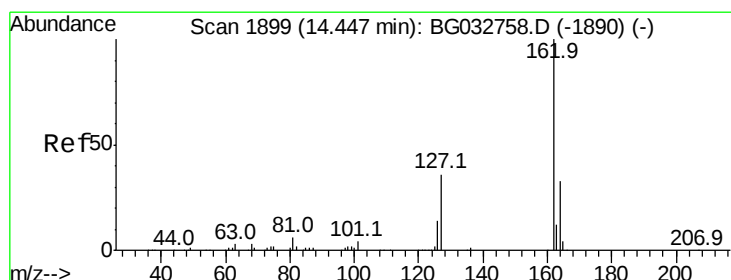
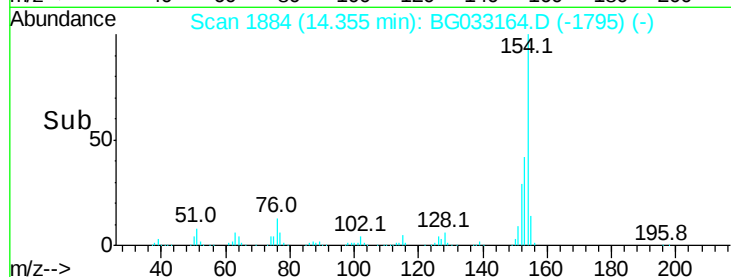
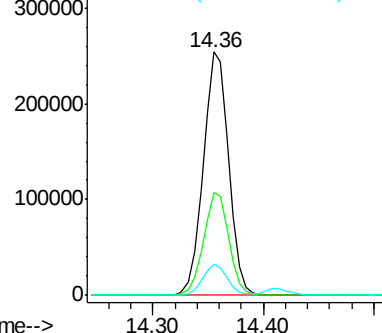
76 12.7 0.0 31.9



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): B



#46

2-Chloronaphthalene

Concen: 44.232 ng

RT: 14.41 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

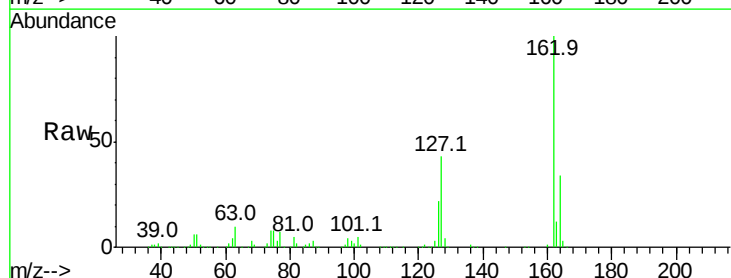
Tgt Ion:162 Resp: 311194

Ion Ratio Lower Upper

162 100

127 42.5 30.7 46.1

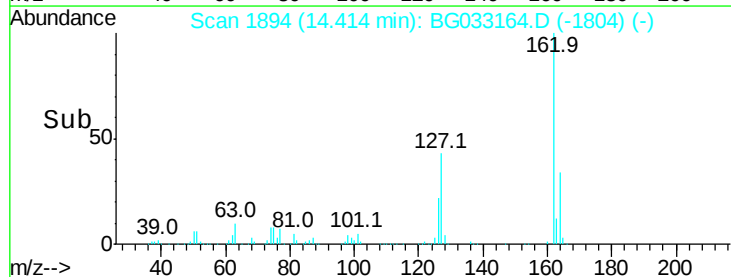
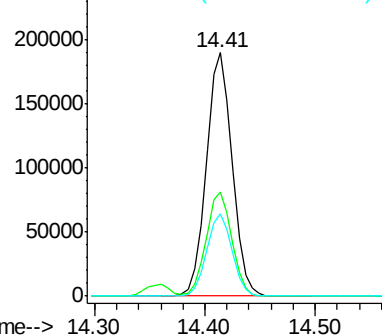
164 33.7 26.0 39.0

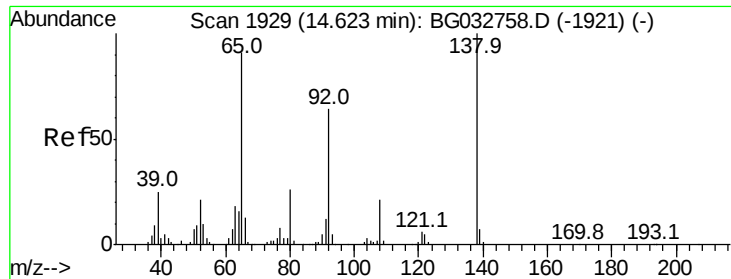


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

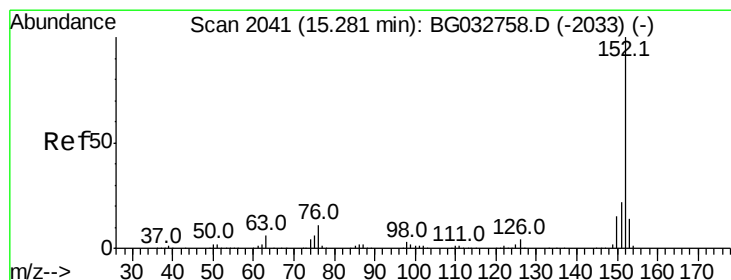
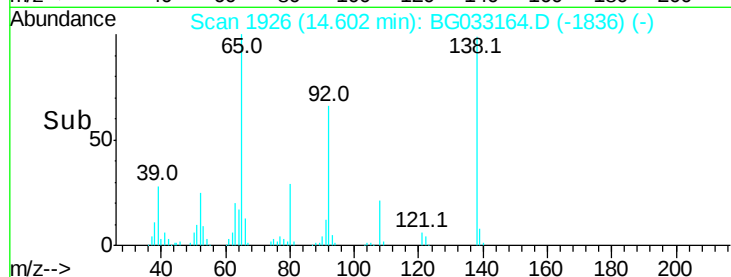
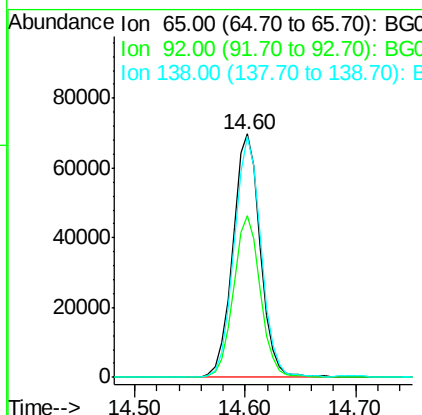
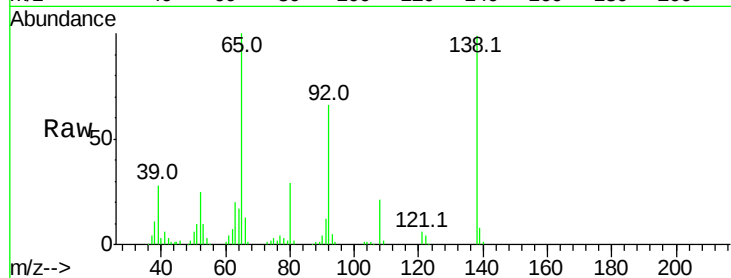




#47
2-Nitroaniline
Concen: 64.245 ng
RT: 14.60 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

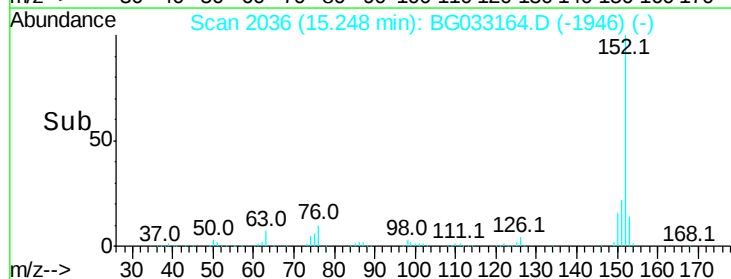
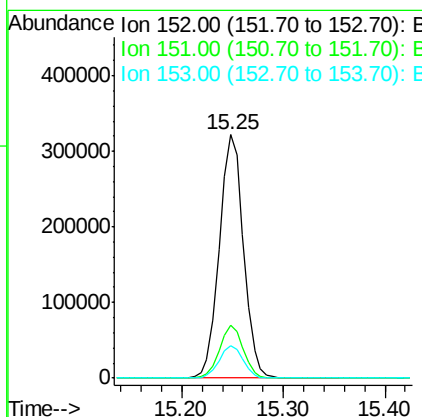
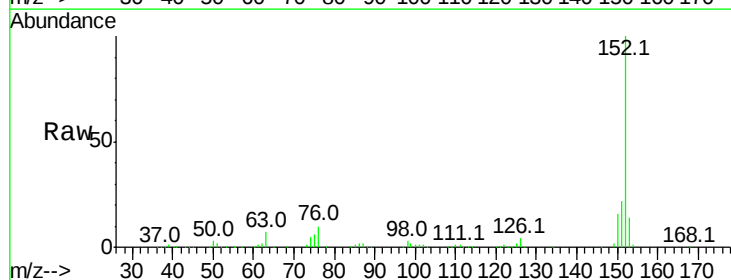
Instrument :
BNA_F
ClientSampleId :

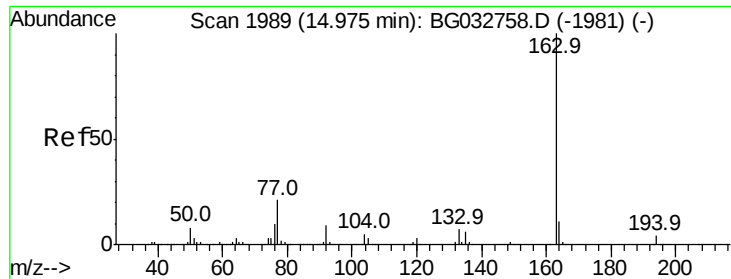
Tot Ion: 65 Resp: 121419
Ion Ratio Lower Upper
65 100
92 66.2 54.6 82.0
138 99.1 72.9 109.3



#48
Acenaphthylene
Concen: 46.038 ng
RT: 15.25 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion: 152 Resp: 530302
Ion Ratio Lower Upper
152 100
151 21.7 17.2 25.8
153 13.5 10.2 15.4

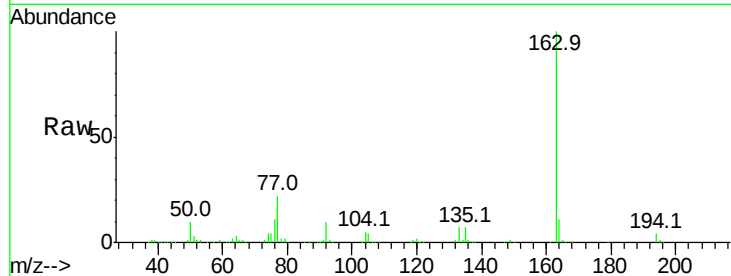




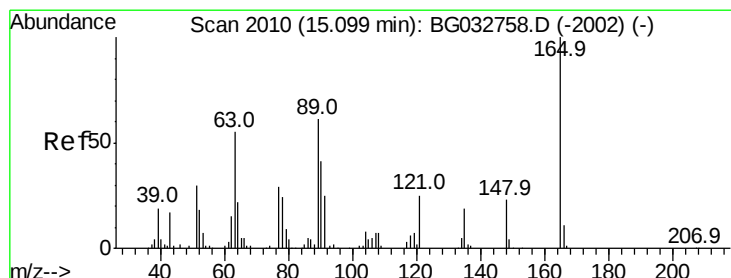
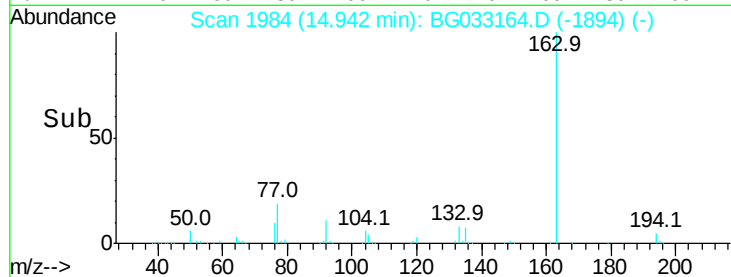
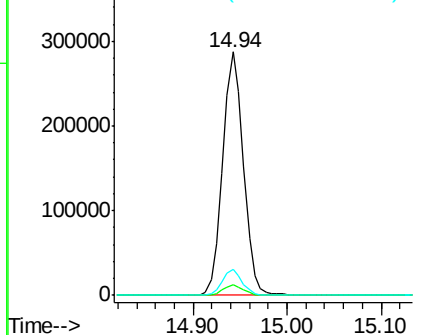
#49
Dimethylphthalate
Concen: 48.341 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.7	8.2	12.4

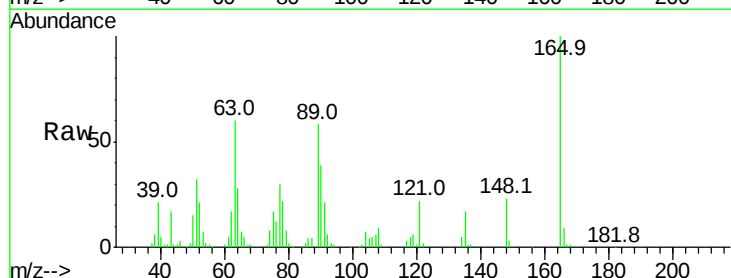


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

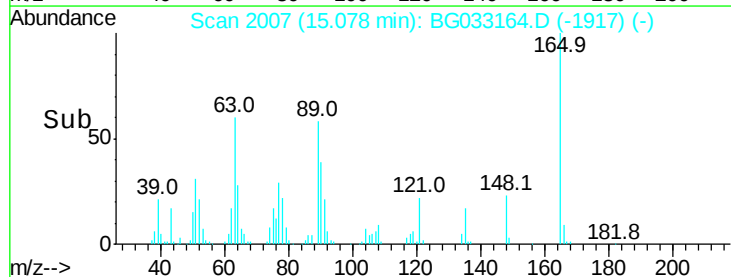
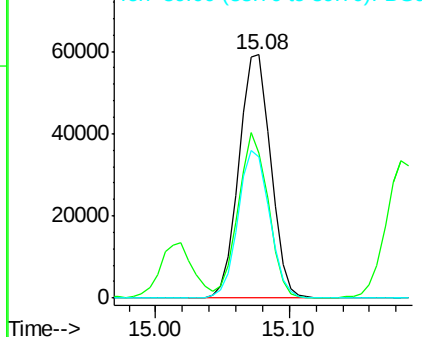


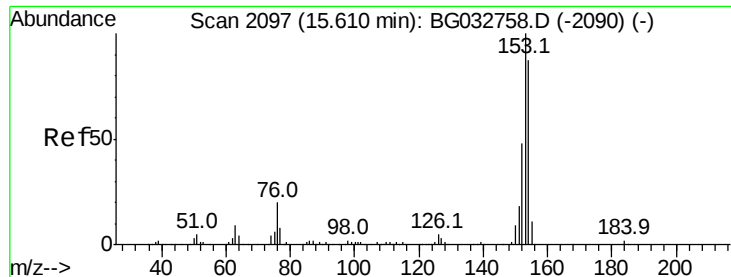
#50
2,6-Dinitrotoluene
Concen: 61.444 ng
RT: 15.08 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.8	52.7	79.1
89	58.0	49.2	73.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 52.645 ng

RT: 15.58 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_F

ClientSampleId :

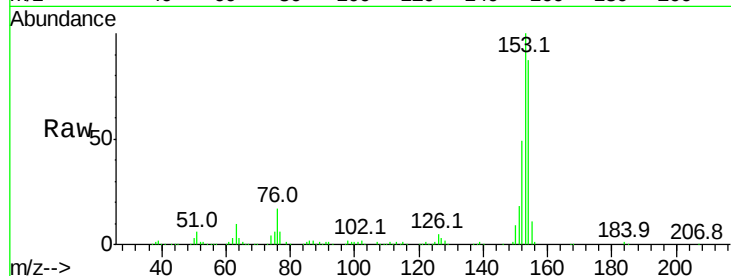
Tot Ion:154 Resp: 377656

Ion Ratio Lower Upper

154 100

153 114.5 90.4 135.6

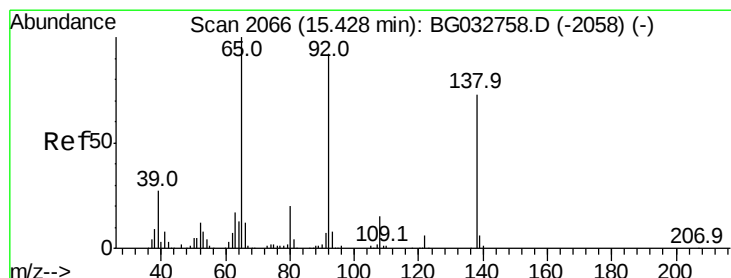
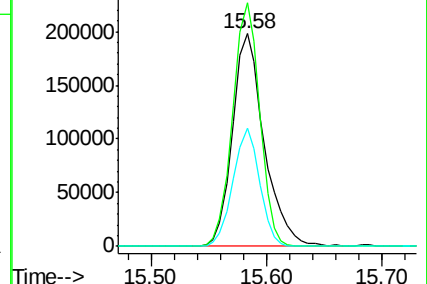
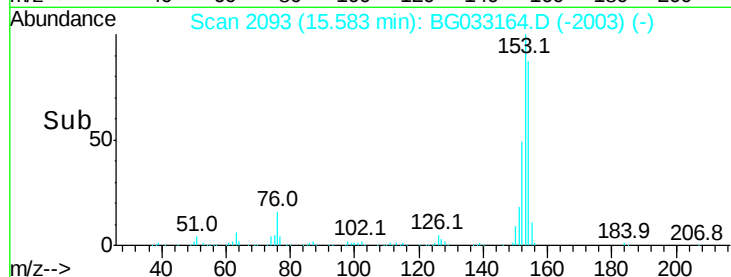
152 55.8 41.6 62.4



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: 25.867 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

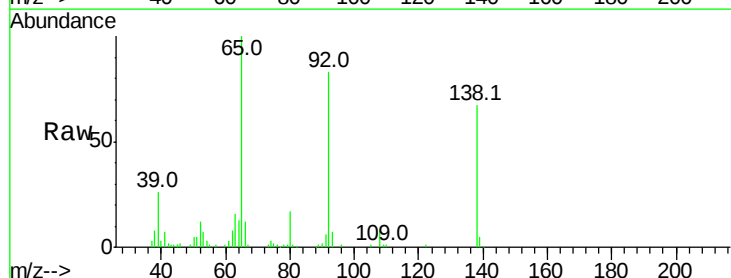
Tgt Ion:138 Resp: 40740

Ion Ratio Lower Upper

138 100

108 12.2 17.5 26.3#

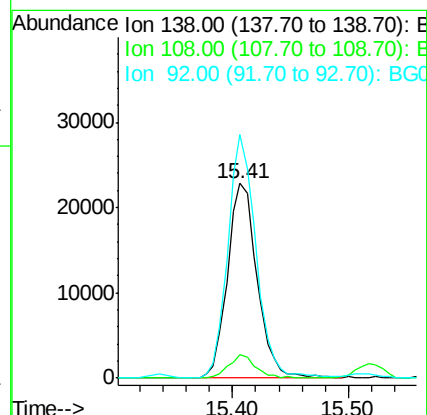
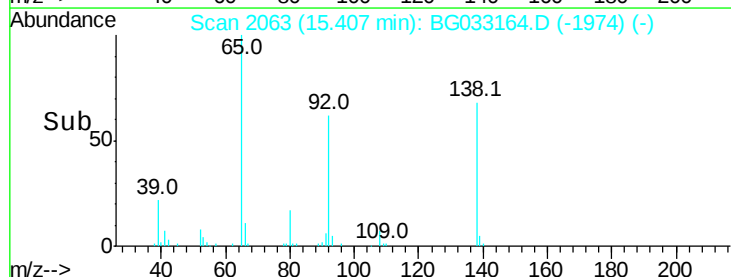
92 125.0 105.8 158.8

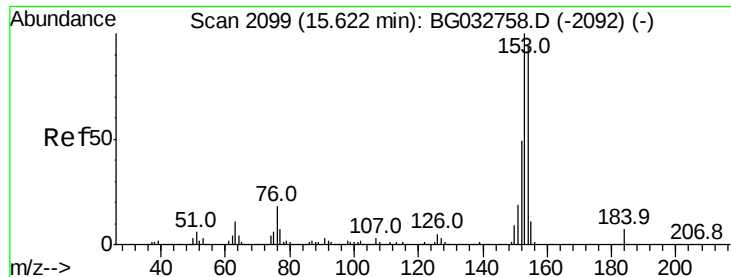


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

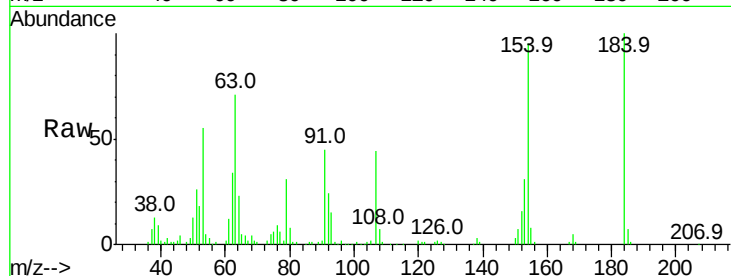




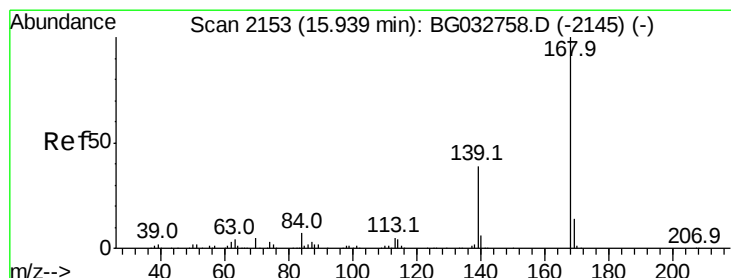
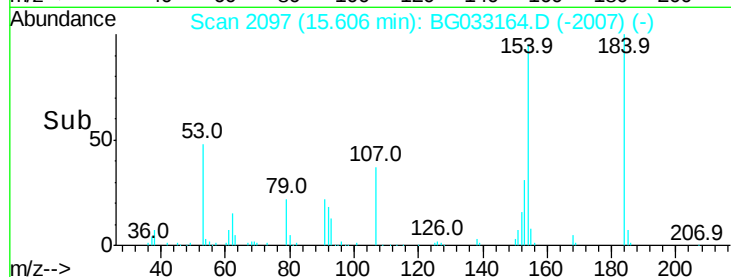
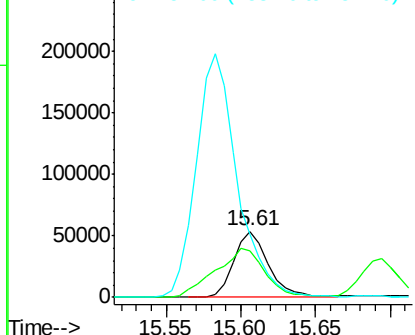
#53
 2,4-Dinitrophenol
 Concen: 141.234 ng
 RT: 15.61 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 87099
 Ion Ratio Lower Upper
 184 100
 63 71.1 59.8 89.8
 154 95.1 101.8 152.8#

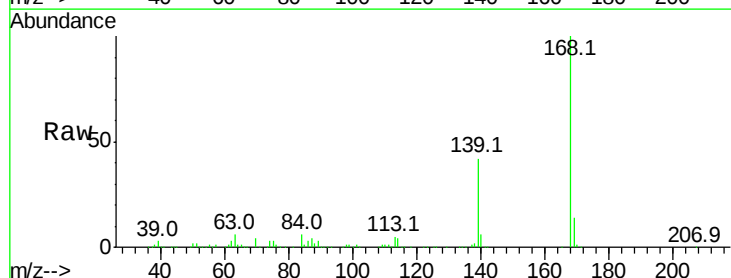


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

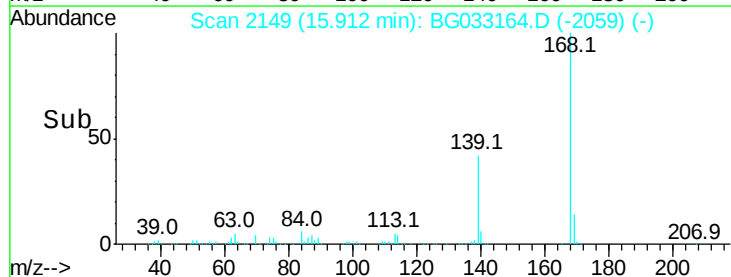
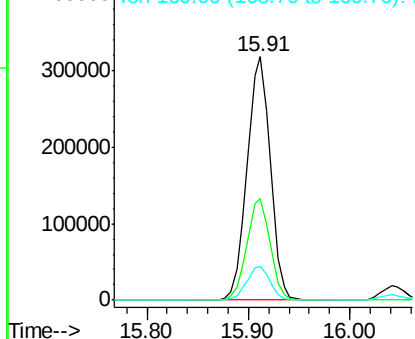


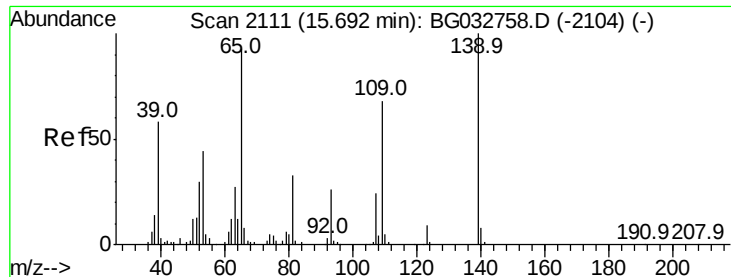
#54
 Dibenzofuran
 Concen: 49.430 ng
 RT: 15.91 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion:168 Resp: 504905
 Ion Ratio Lower Upper
 168 100
 139 41.6 28.6 43.0
 169 13.6 11.2 16.8



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

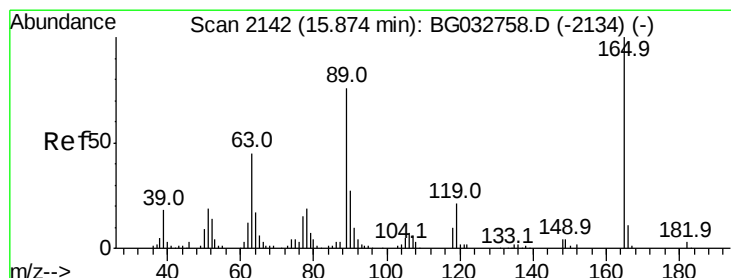
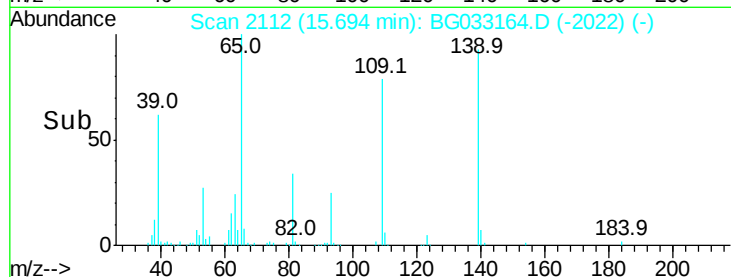
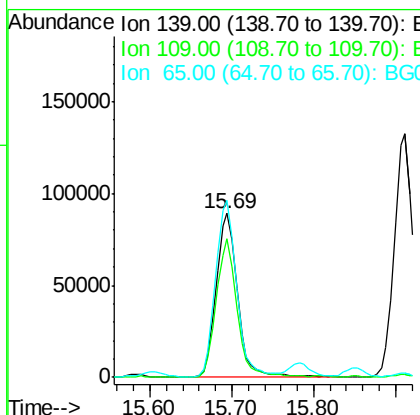
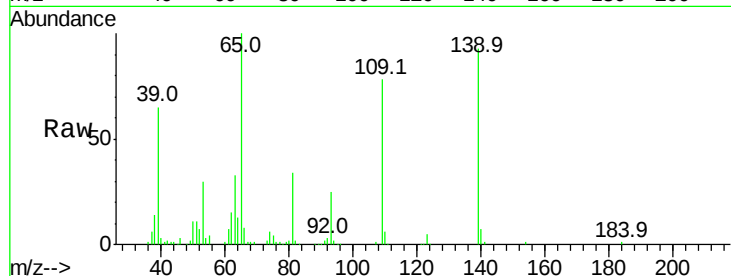




#55
4-Nitrophenol
Concen: 106.791 ng
RT: 15.69 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

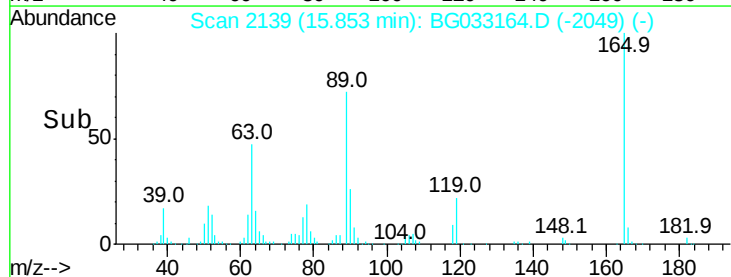
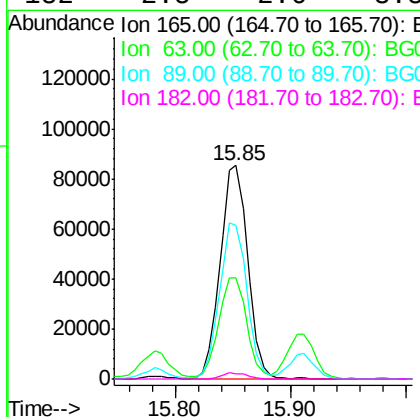
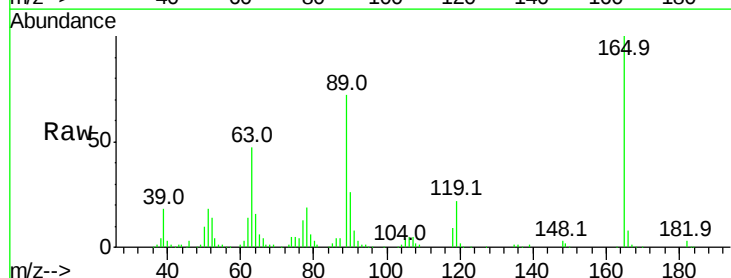
Instrument :
BNA_F
ClientSampleId :

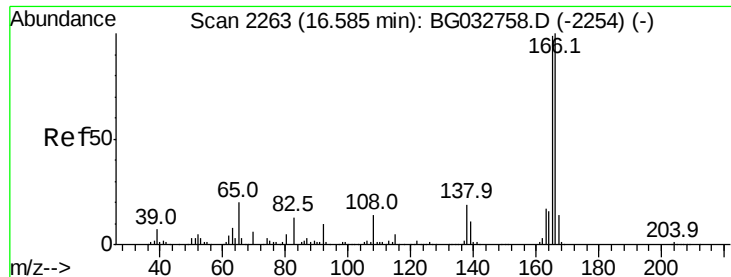
Tot Ion:139 Resp: 163940
Ion Ratio Lower Upper
139 100
109 84.6 62.2 102.2
65 108.1 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 70.599 ng
RT: 15.85 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion:165 Resp: 141564
Ion Ratio Lower Upper
165 100
63 47.4 42.0 63.0
89 72.2 66.9 100.3
182 2.5 2.6 3.8#

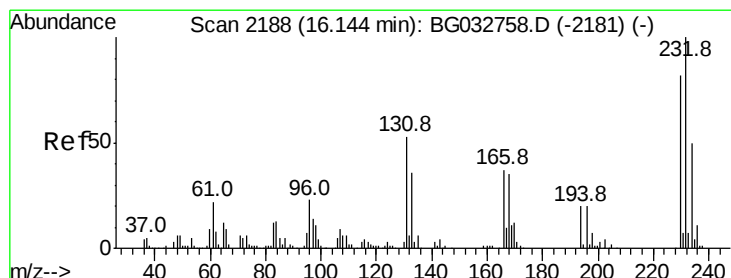
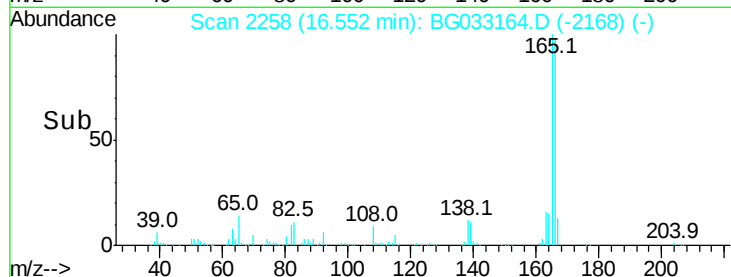
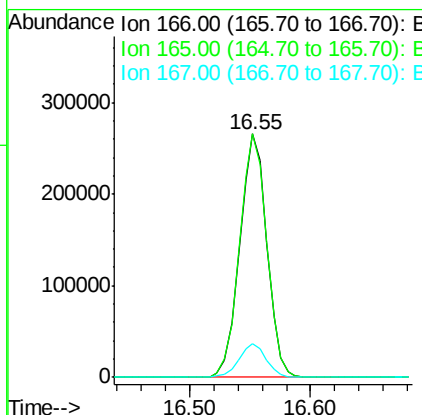
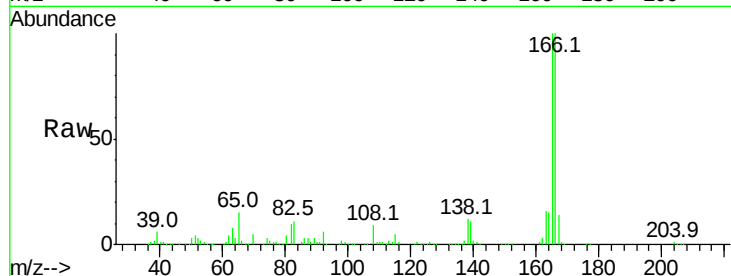




#57
 Fluorene
 Concen: 49.217 ng
 RT: 16.55 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

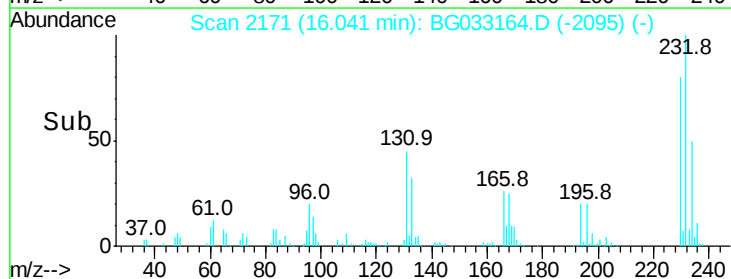
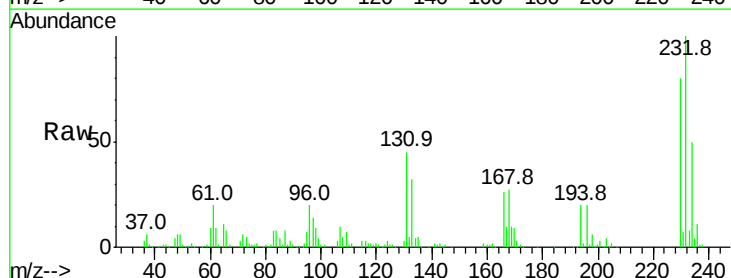
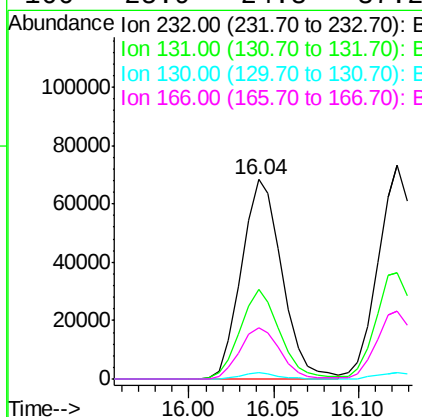
Instrument :
 BNA_F
 ClientSampleId :

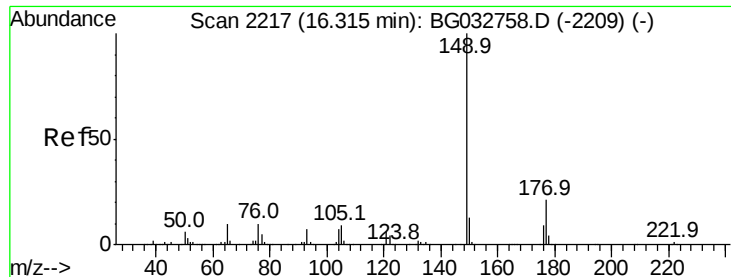
Tot Ion:166 Resp: 414934
 Ion Ratio Lower Upper
 166 100
 165 100.0 80.6 121.0
 167 13.9 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 63.058 ng
 RT: 16.04 min Scan# 2171
 Delta R.T. -0.08 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion:232 Resp: 114332
 Ion Ratio Lower Upper
 232 100
 131 43.8 33.5 50.3
 130 2.7 2.2 3.2
 166 25.9 24.8 37.2

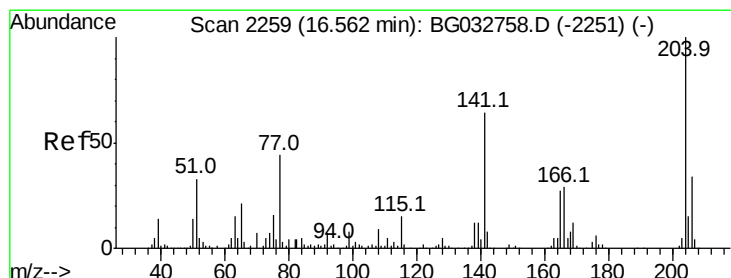
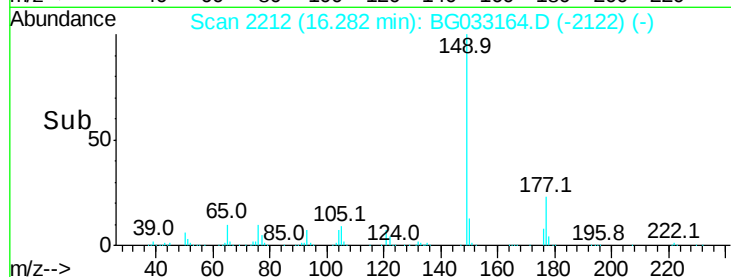
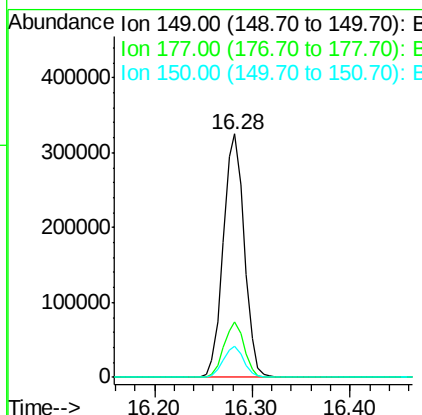
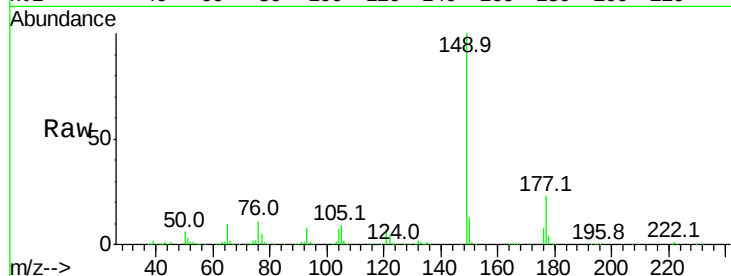




#59
Diethylphthalate
Concen: 49.994 ng
RT: 16.28 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

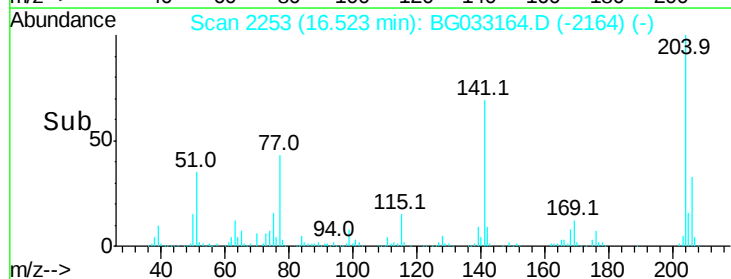
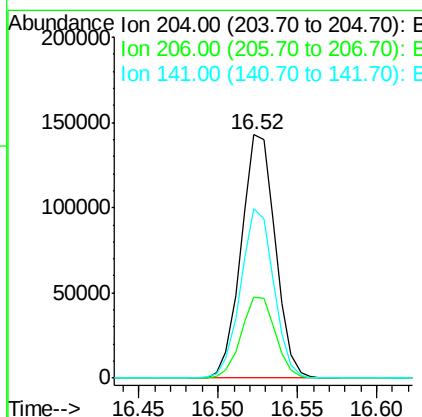
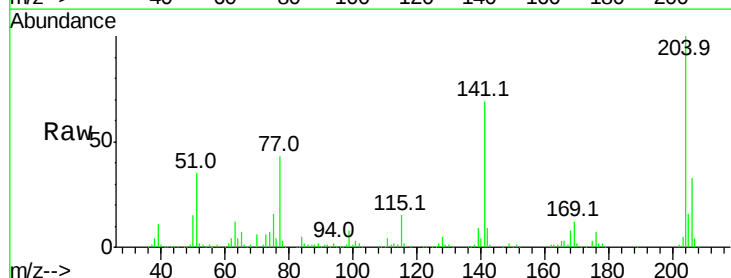
Instrument :
BNA_F
ClientSampleId :

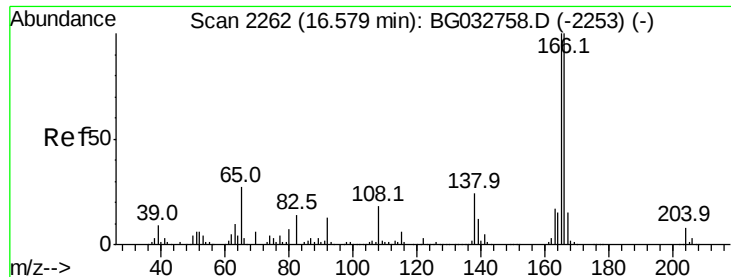
Tot Ion:149 Resp: 482571
Ion Ratio Lower Upper
149 100
177 22.6 18.5 27.7
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 51.551 ng
RT: 16.52 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion:204 Resp: 212607
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 69.4 45.8 68.6#

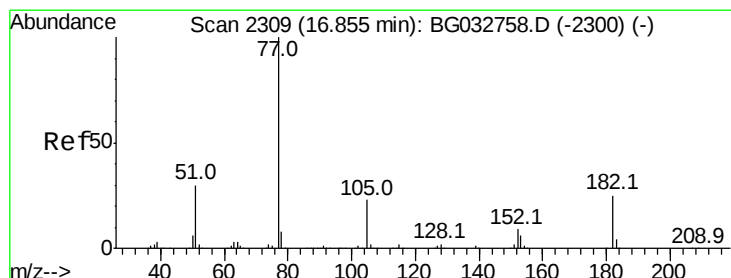
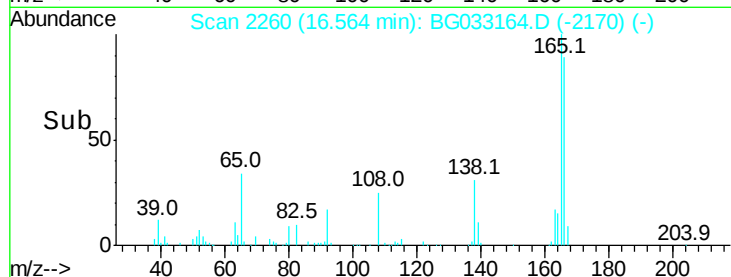
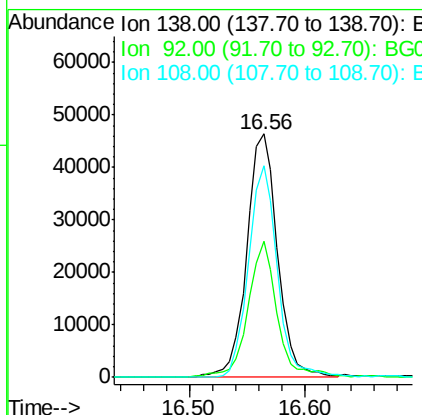
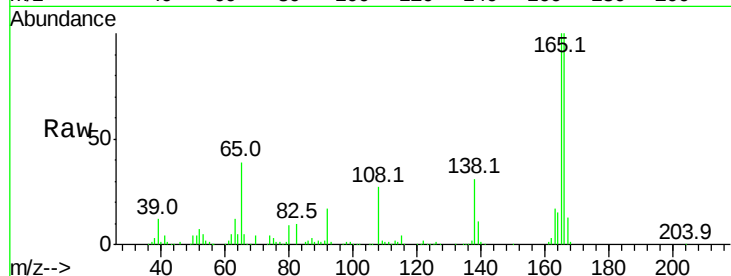




#61
 4-Nitroaniline
 Concen: 44.045 ng
 RT: 16.56 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

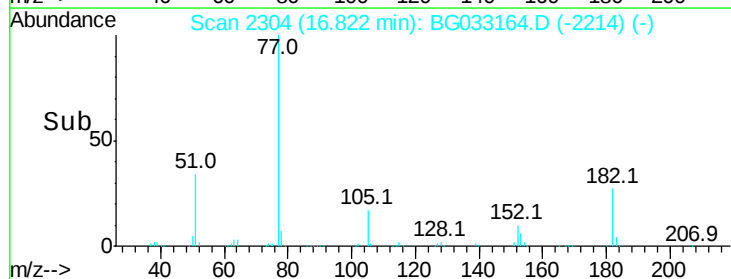
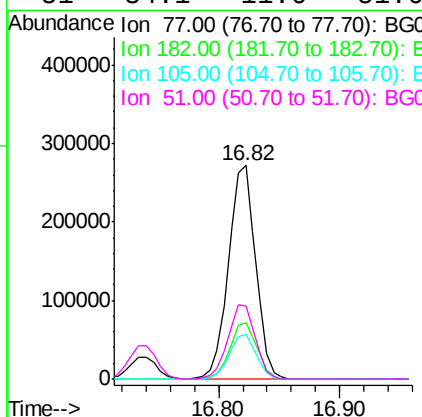
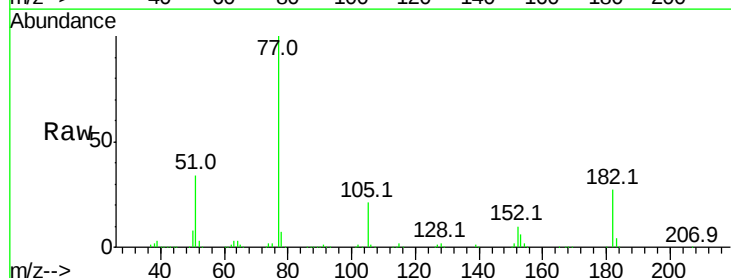
Instrument :
 BNA_F
 ClientSampleId :

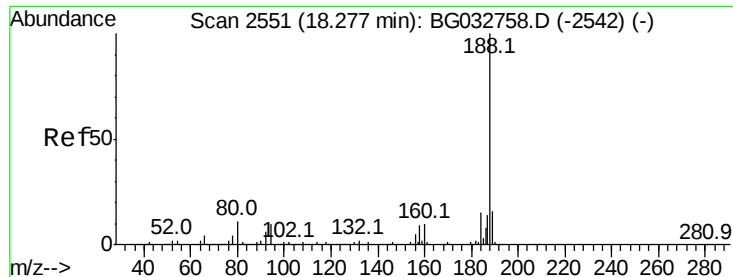
Tot Ion:138 Resp: 86290
 Ion Ratio Lower Upper
 138 100
 92 55.7 40.1 80.1
 108 86.8 65.4 105.4



#62
 Azobenzene
 Concen: 49.070 ng
 RT: 16.82 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion: 77 Resp: 423736
 Ion Ratio Lower Upper
 77 100
 182 26.5 7.4 47.4
 105 21.2 0.3 40.3
 51 34.1 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.25 min Scan# 2547

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_F

ClientSampleId :

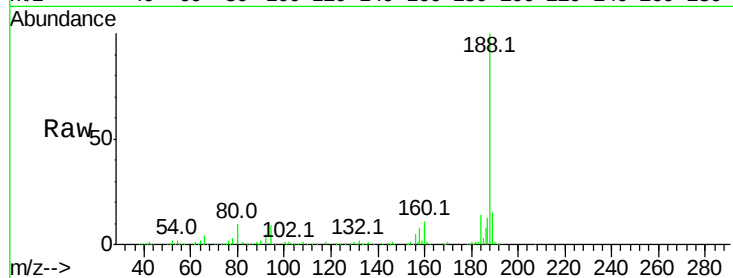
Tot Ion:188 Resp: 263070

Ion Ratio Lower Upper

188 100

94 9.0 6.9 10.3

80 10.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

18.25

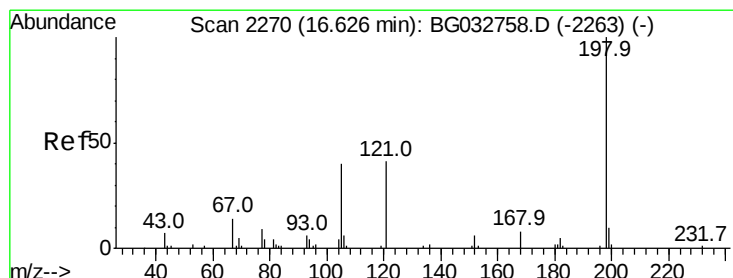
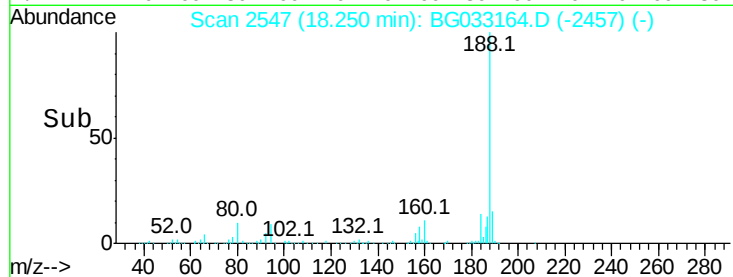
150000

100000

50000

0

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 73.113 ng

RT: 16.60 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

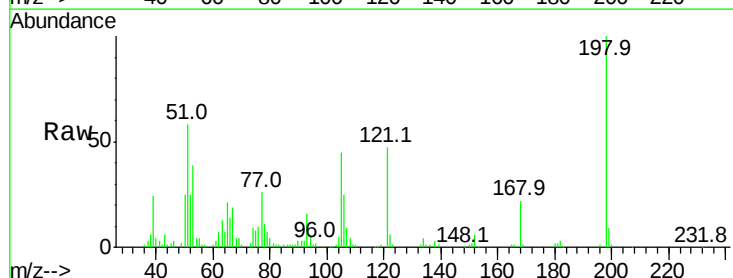
Tgt Ion:198 Resp: 67665

Ion Ratio Lower Upper

198 100

51 57.9 30.6 70.6

105 45.1 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

80000

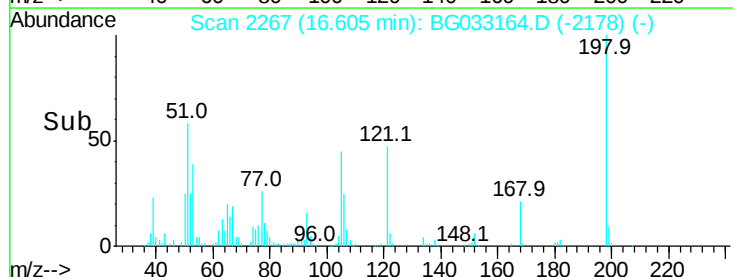
60000

40000

20000

0

Time-->





#65

n-Nitrosodiphenylamine

Concen: 45.349 ng

RT: 16.74 min Scan# 2290

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_F

ClientSampleId :

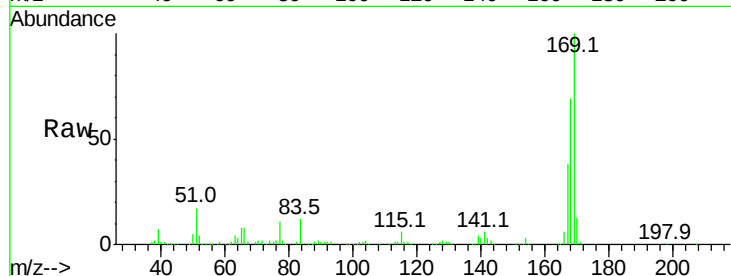
Tot Ion:169 Resp: 388101

Ion Ratio Lower Upper

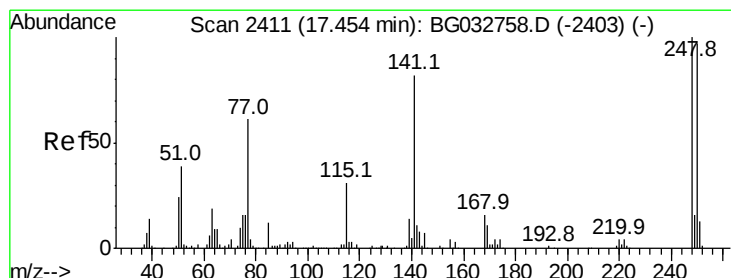
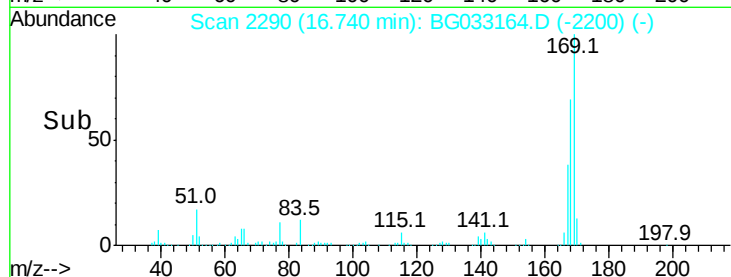
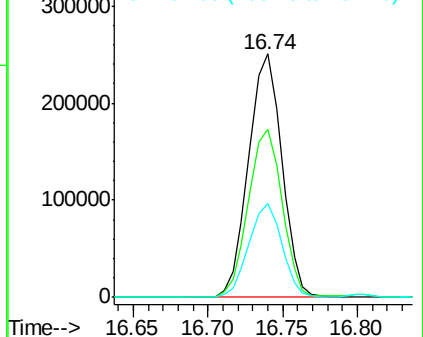
169 100

168 69.0 55.7 83.5

167 38.4 30.1 45.1



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: 50.649 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

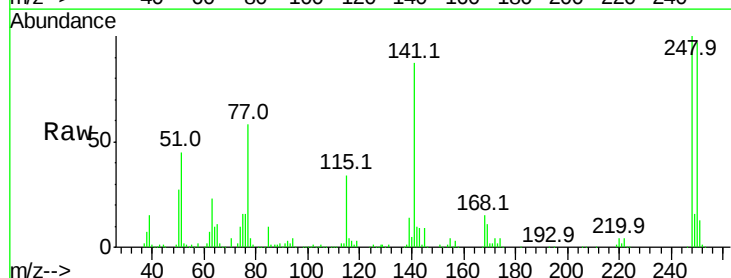
Tgt Ion:248 Resp: 140890

Ion Ratio Lower Upper

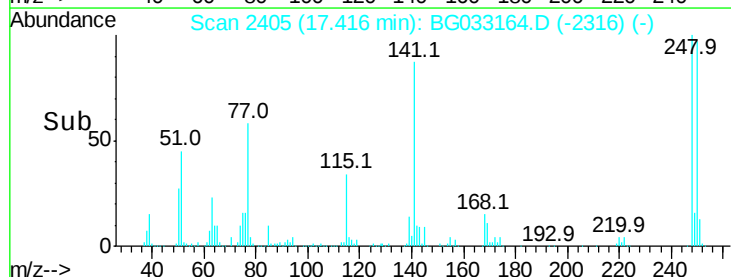
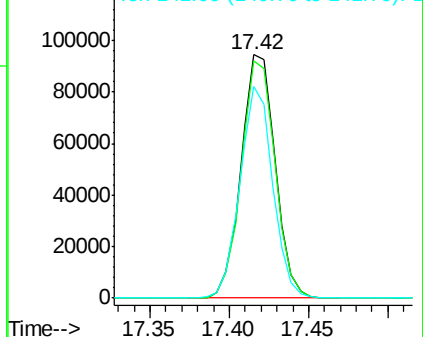
248 100

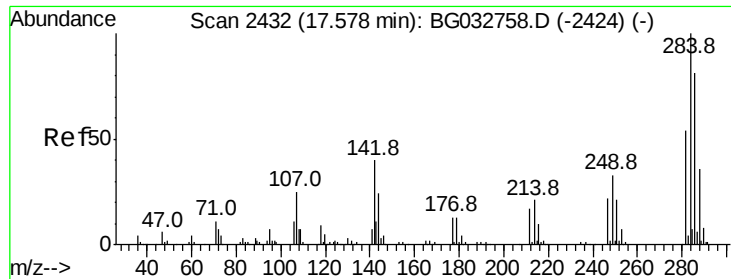
250 97.4 77.1 115.7

141 86.8 50.8 76.2#



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

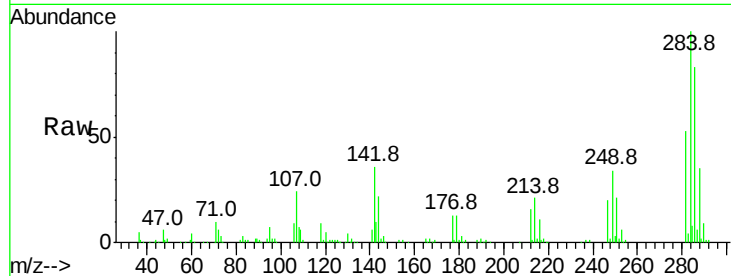




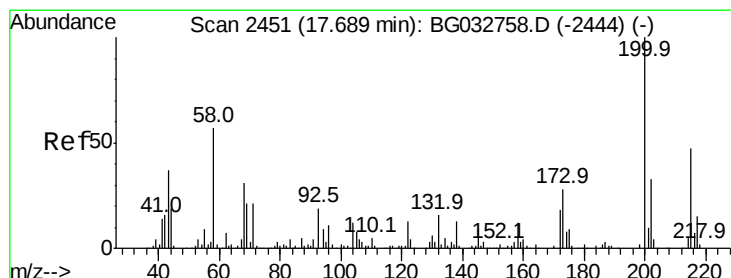
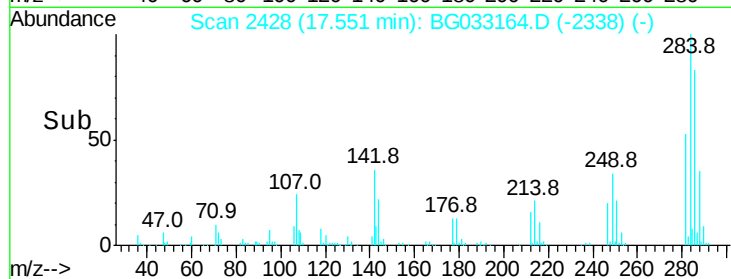
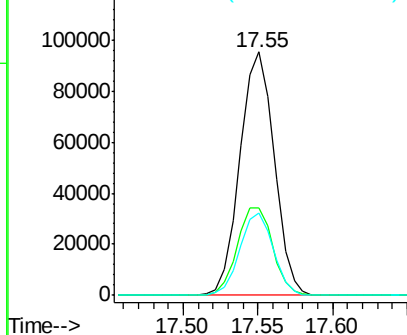
#67
Hexachlorobenzene
Concen: 50.569 ng
RT: 17.55 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 152014
Ion Ratio Lower Upper
284 100
142 35.8 26.8 40.2
249 33.7 26.3 39.5

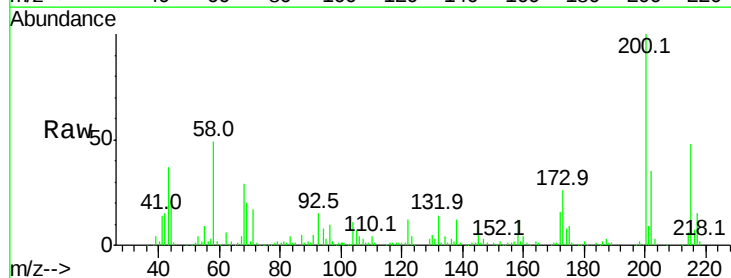


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

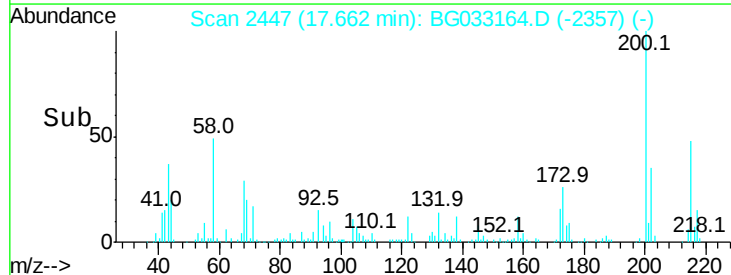
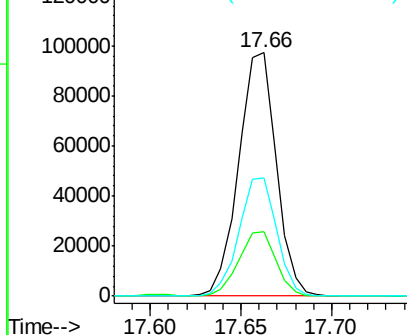


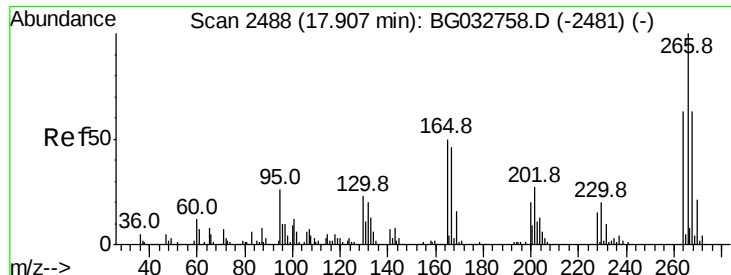
#68
Atrazine
Concen: 49.914 ng
RT: 17.66 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion:200 Resp: 140608
Ion Ratio Lower Upper
200 100
173 26.3 5.2 45.2
215 48.4 30.4 70.4



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: 98.151 ng

RT: 17.89 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_F

ClientSampleId :

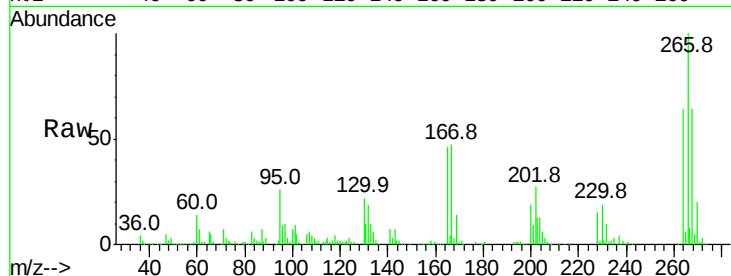
Tot Ion:266 Resp: 185845

Ion Ratio Lower Upper

266 100

268 64.0 51.1 76.7

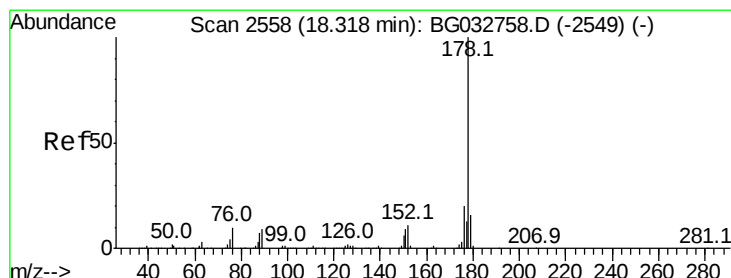
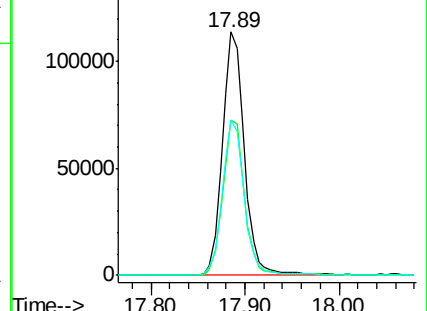
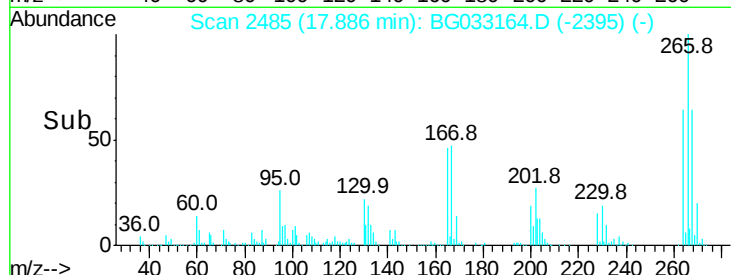
264 63.5 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 47.421 ng

RT: 18.29 min Scan# 2554

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

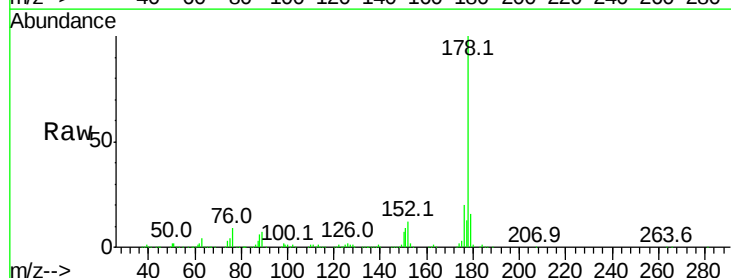
Tgt Ion:178 Resp: 695990

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

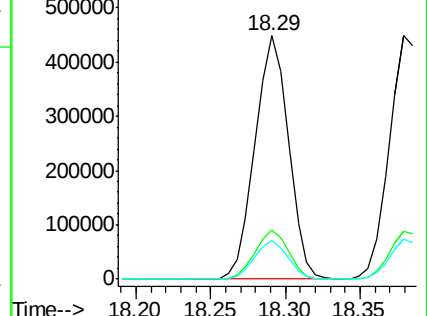
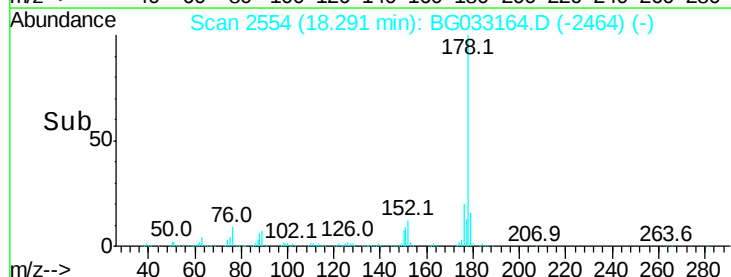
179 16.1 12.5 18.7

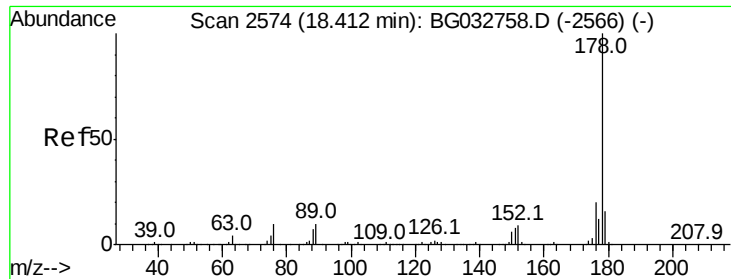


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

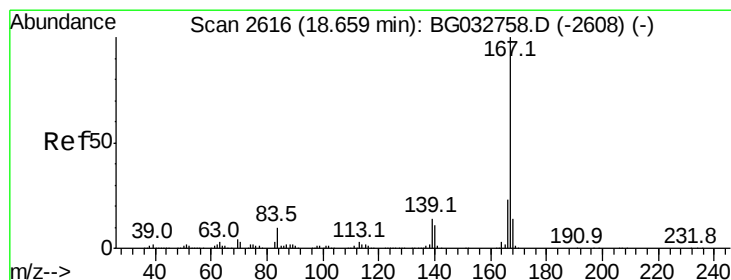
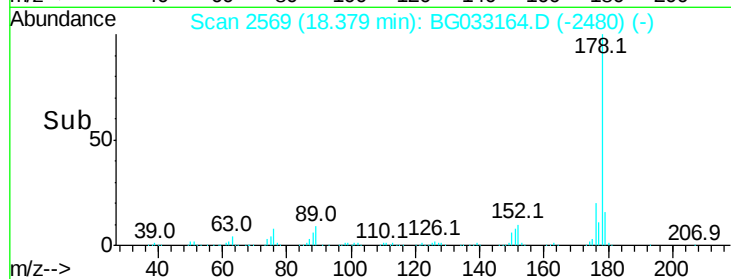
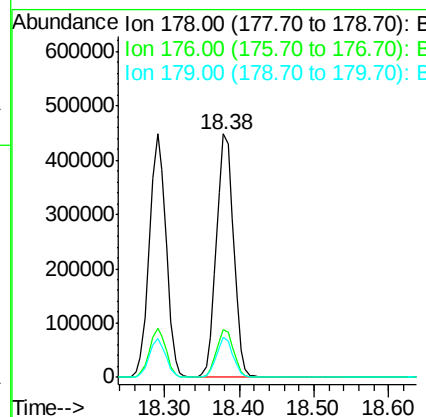
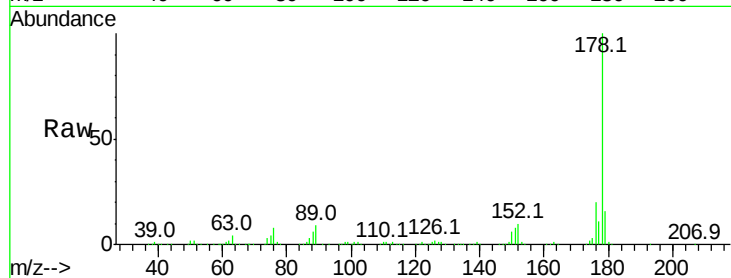




#71
 Anthracene
 Concen: 48.431 ng
 RT: 18.38 min Scan# 2569
 Delta R.T. -0.01 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

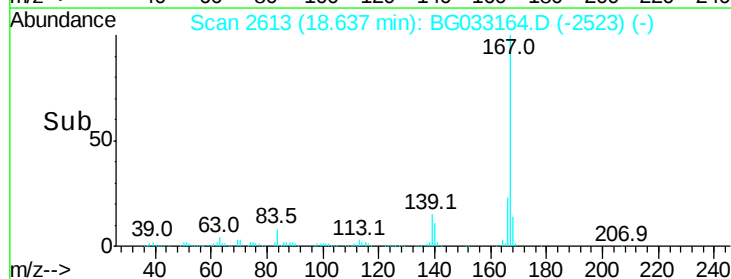
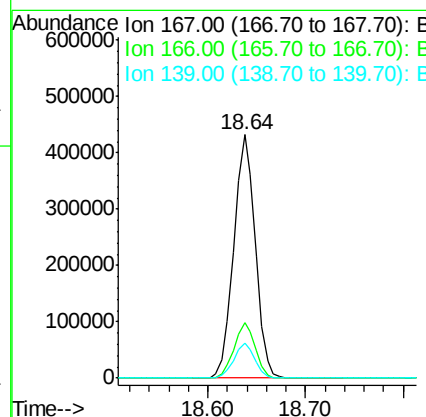
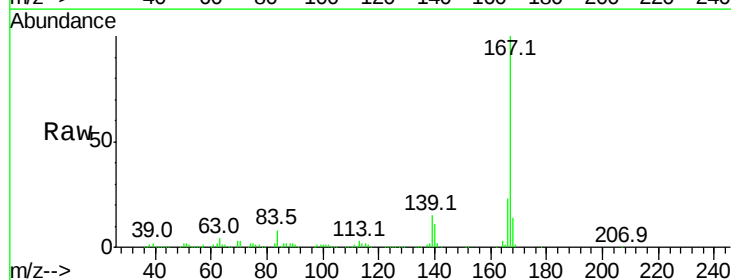
Instrument :
 BNA_F
 ClientSampleId :

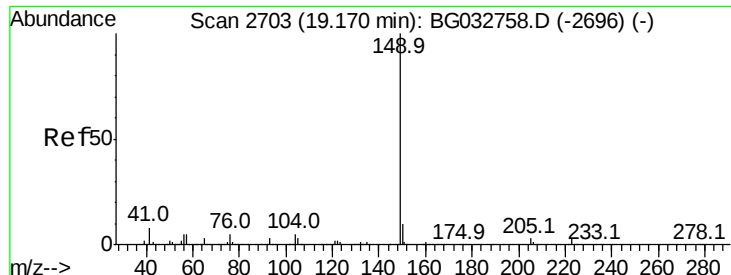
Tot Ion:178 Resp: 713620
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 16.5 12.5 18.7



#72
 Carbazole
 Concen: 45.400 ng
 RT: 18.64 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion:167 Resp: 659366
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.4
 139 14.6 9.4 14.2#

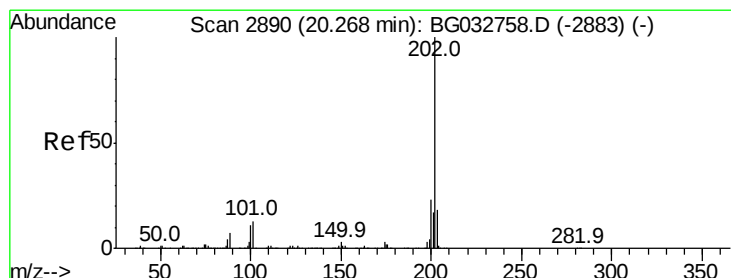
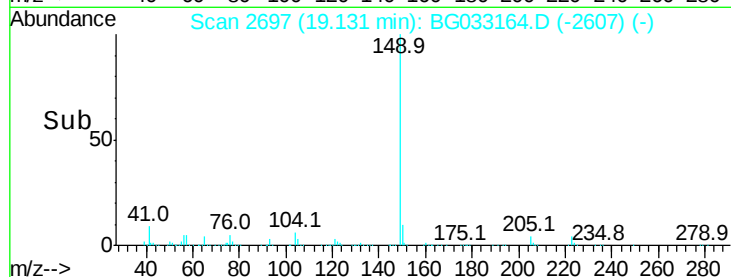
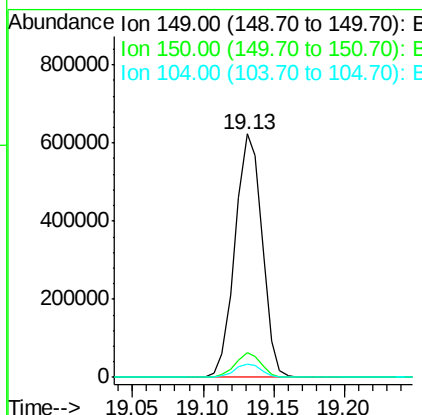
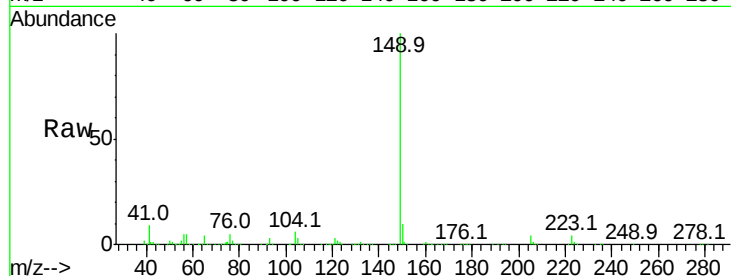




#73
Di-n-butylphthalate
Concen: 46.607 ng
RT: 19.13 min Scan# 2697
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

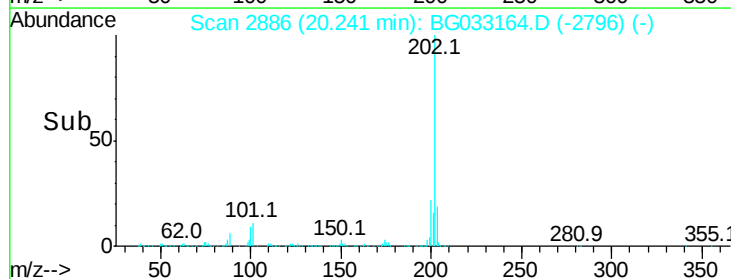
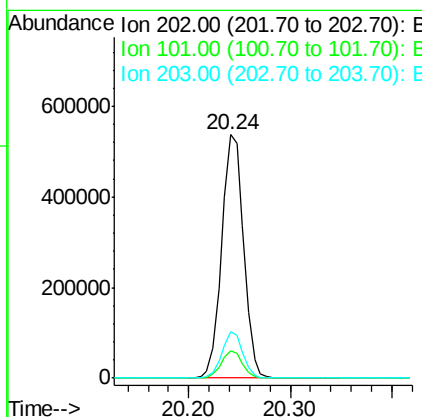
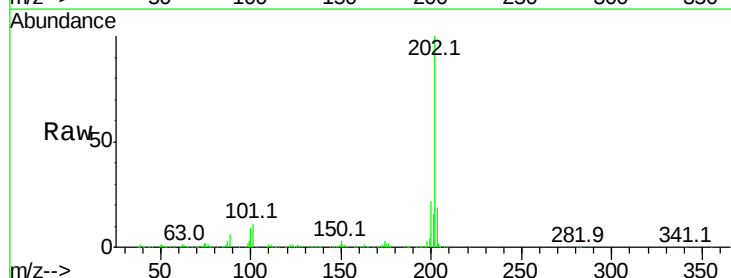
Instrument :
BNA_F
ClientSampleId :

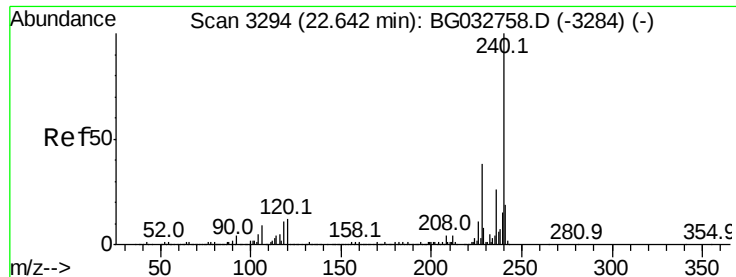
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	5.6	3.9	5.9



#74
Fluoranthene
Concen: 49.393 ng
RT: 20.24 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	28.9
203	19.0	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3289

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_F

ClientSampleId :

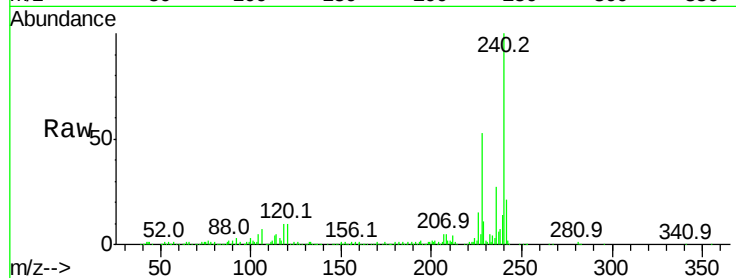
Tot Ion:240 Resp: 242747

Ion Ratio Lower Upper

240 100

120 9.8 6.8 10.2

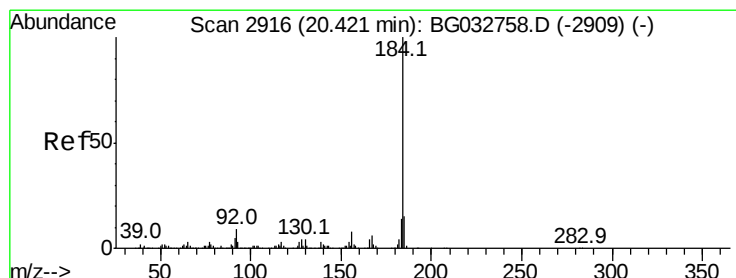
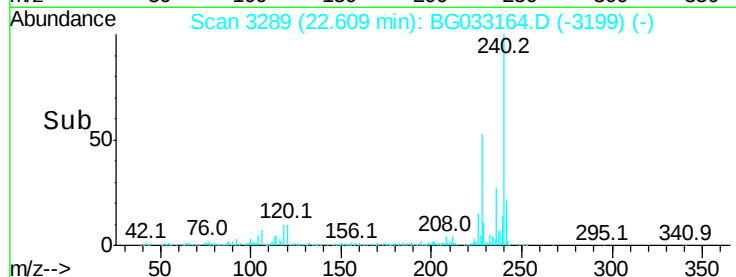
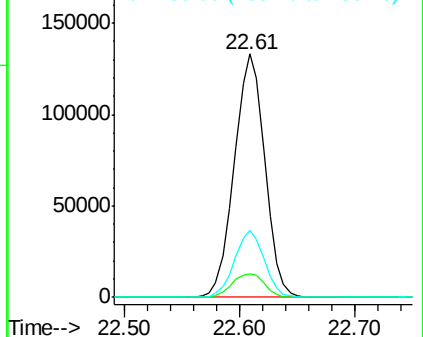
236 27.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.776 ng

RT: 20.40 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

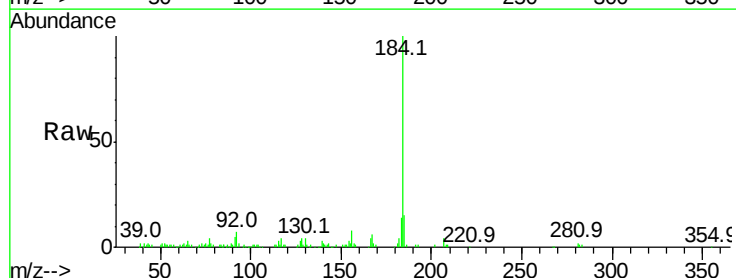
Tgt Ion:184 Resp: 147084

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

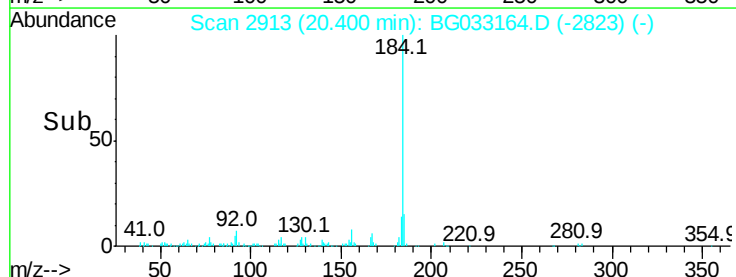
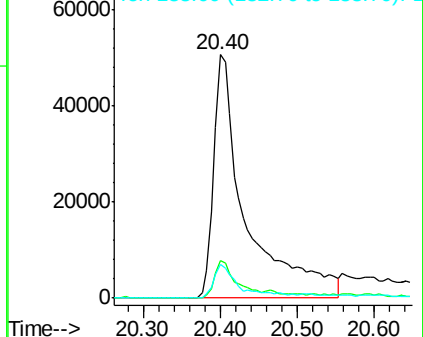
183 14.0 10.6 16.0

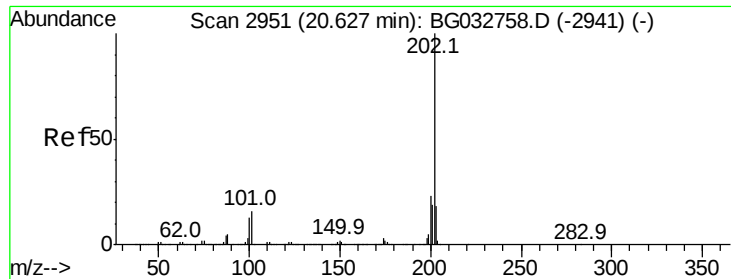


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

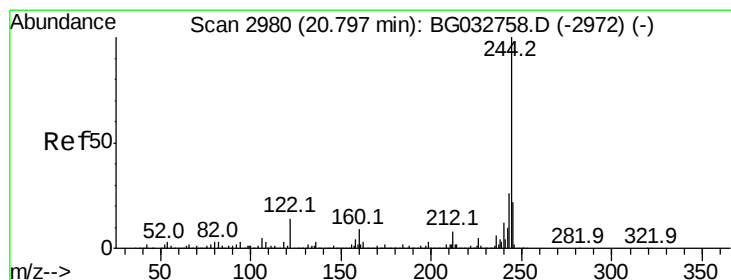
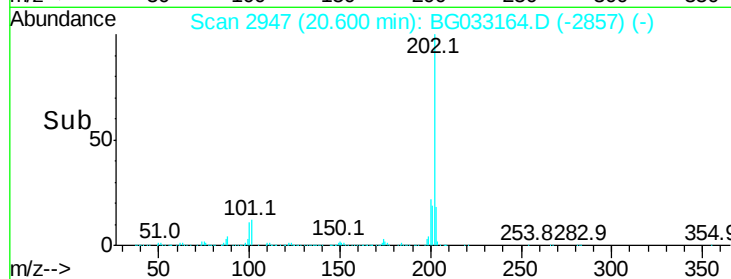
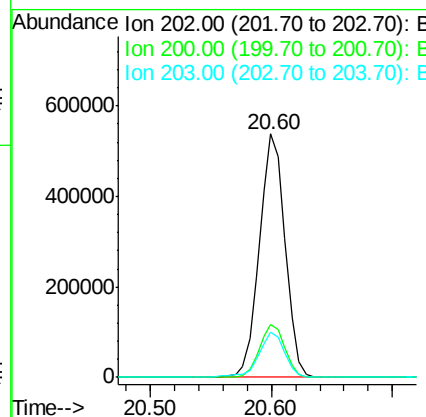
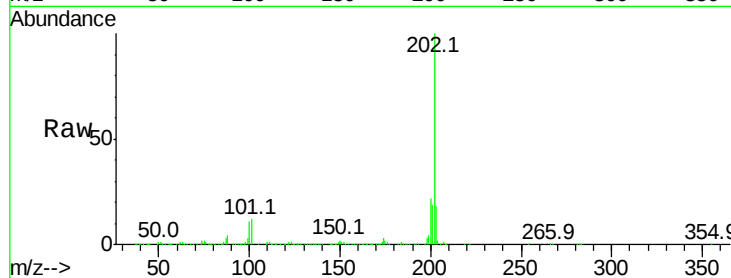




#77
Pvrene
Concen: 46.772 ng
RT: 20.60 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

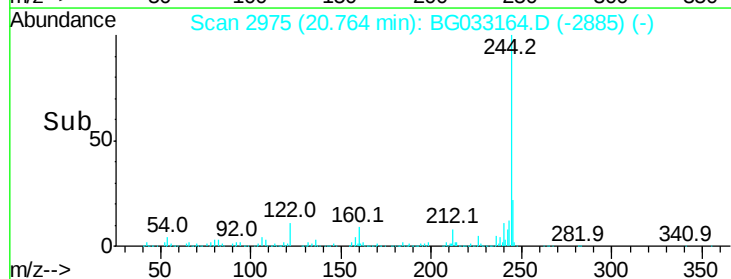
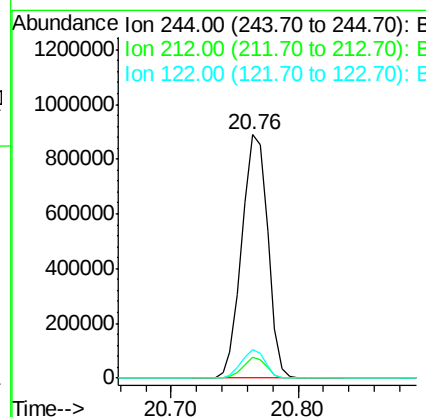
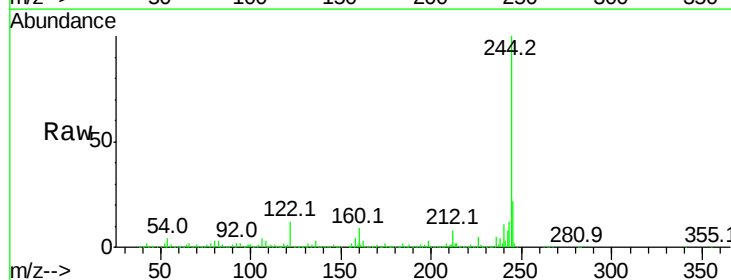
Instrument :
BNA_F
ClientSampleId :

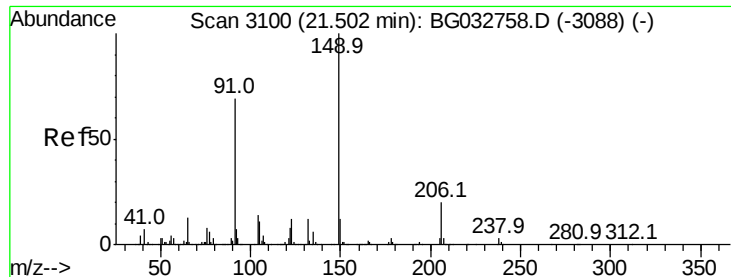
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	18.3	13.9	20.9



#78
Terphenyl-d14
Concen: 116.278 ng
RT: 20.76 min Scan# 2975
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	11.6	7.0	10.4

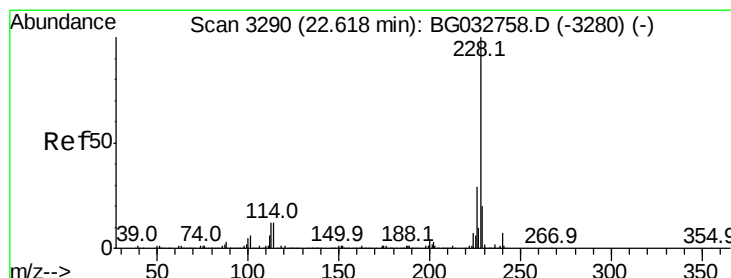
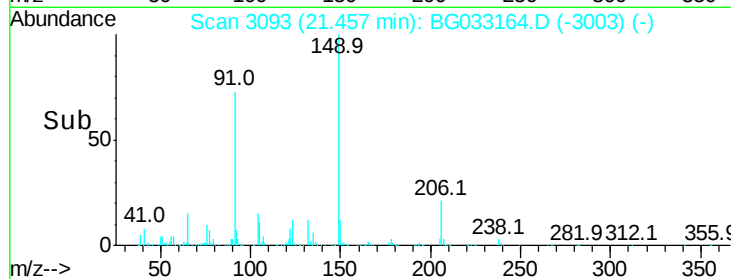
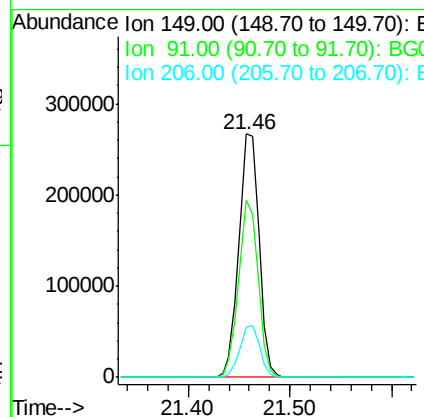
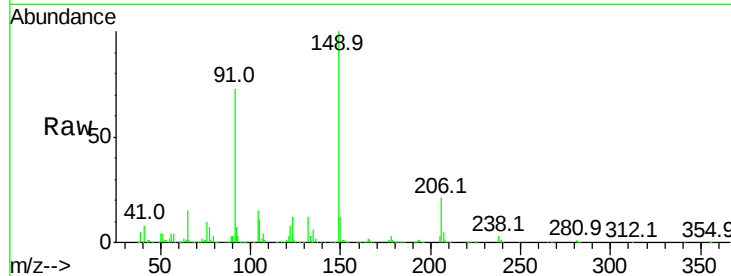




#79
Butylbenzylphthalate
Concen: 48.946 ng
RT: 21.46 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

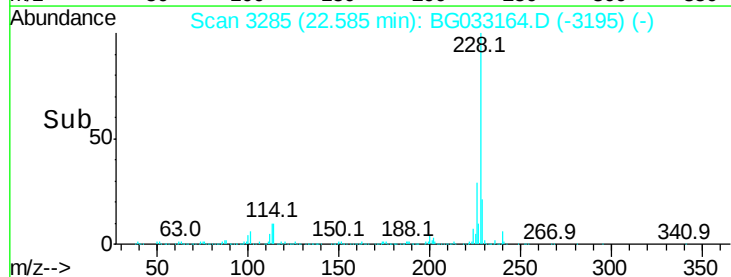
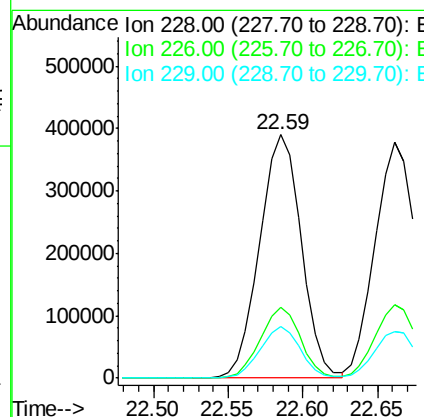
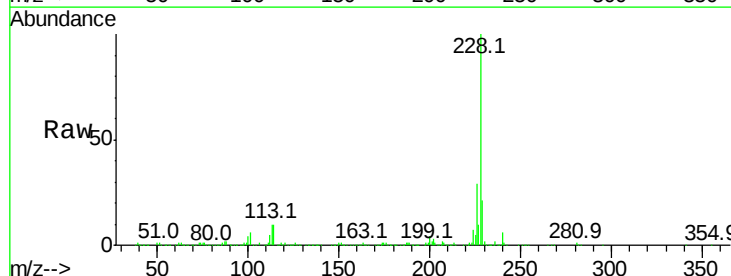
Instrument :
BNA_F
ClientSampleId :

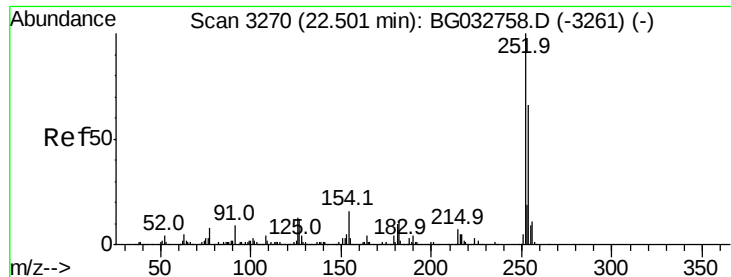
Tot Ion:149 Resp: 371495
Ion Ratio Lower Upper
149 100
91 72.9 62.2 93.2
206 20.6 18.6 27.8



#80
Benzo(a)anthracene
Concen: 48.536 ng
RT: 22.59 min Scan# 3285
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion:228 Resp: 755526
Ion Ratio Lower Upper
228 100
226 29.0 22.7 34.1
229 21.2 16.2 24.2

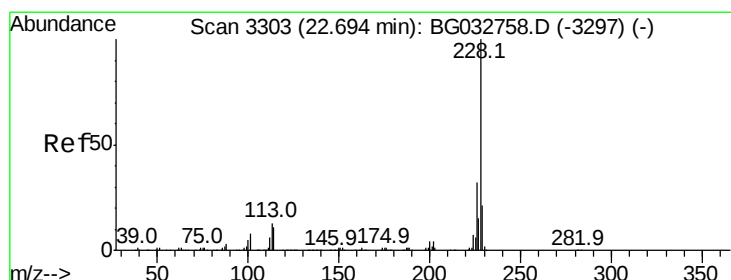
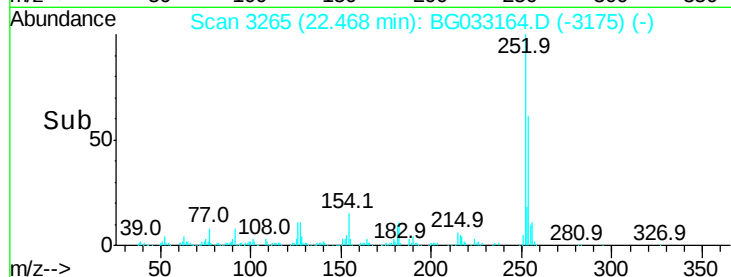
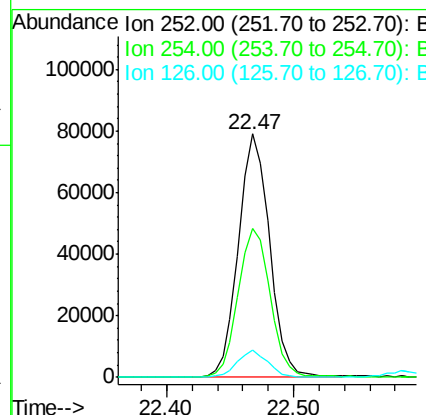
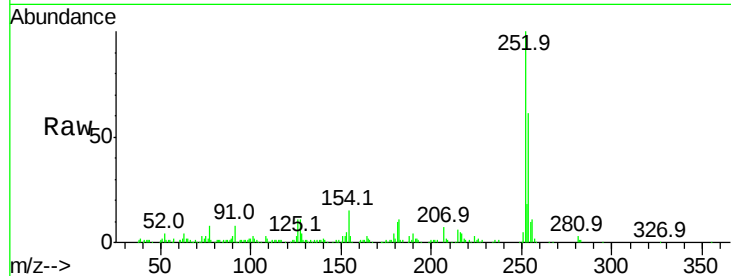




#81
 3,3'-Dichlorobenzidine
 Concen: 23.385 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

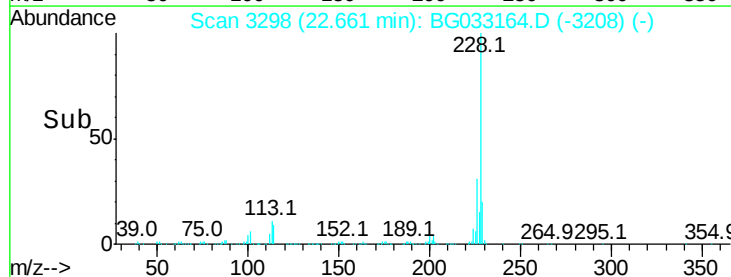
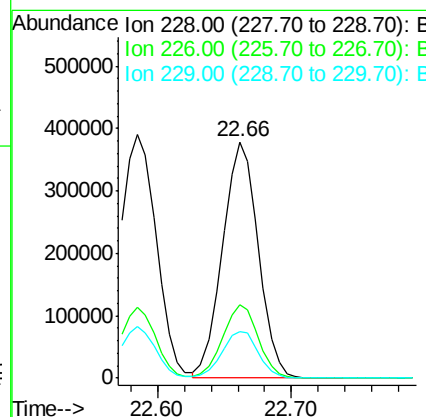
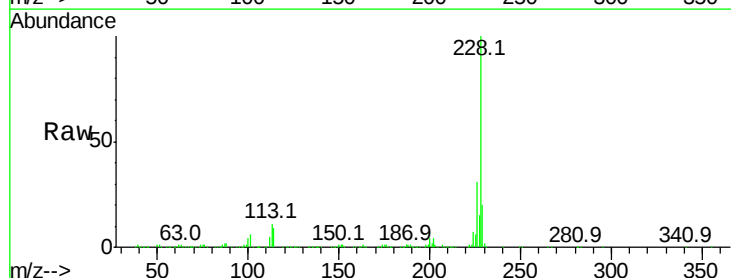
Instrument :
 BNA_F
 ClientSampleId :

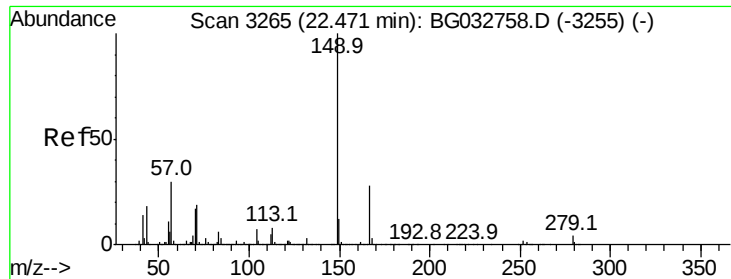
Tot Ion	Ratio	Lower	Upper
252	100		
254	61.4	50.8	76.2
126	11.2	7.4	11.2#



#82
 Chrysene
 Concen: 47.624 ng
 RT: 22.66 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	20.0	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.347 ng

RT: 22.41 min Scan# 3255

Delta R.T. 0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_F

ClientSampleId :

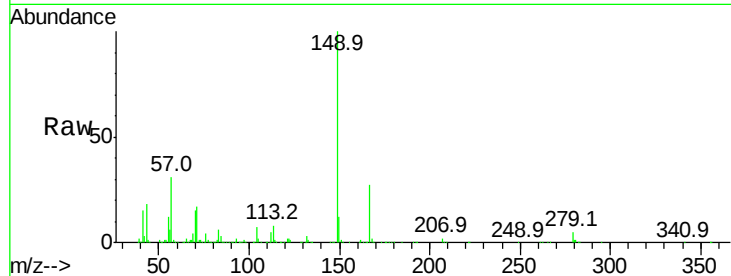
Tot Ion:149 Resp: 509460

Ion Ratio Lower Upper

149 100

167 27.5 24.3 36.5

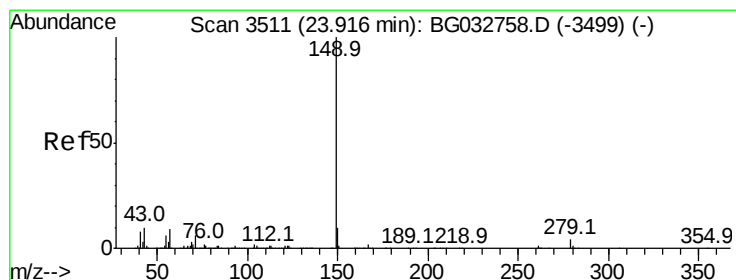
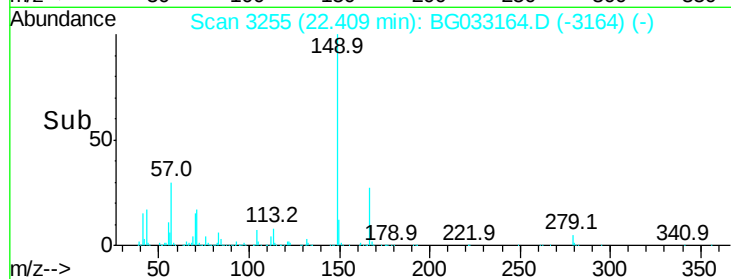
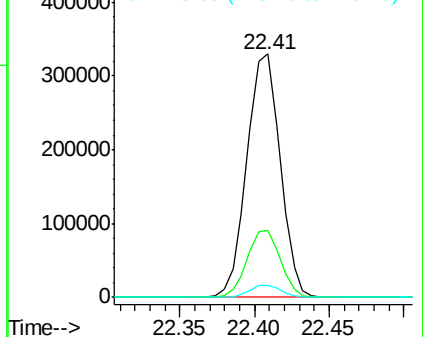
279 4.8 4.0 6.0



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: 49.543 ng

RT: 23.82 min Scan# 3495

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

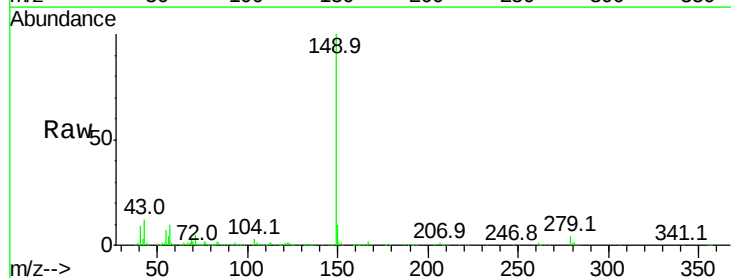
Tgt Ion:149 Resp: 848404

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

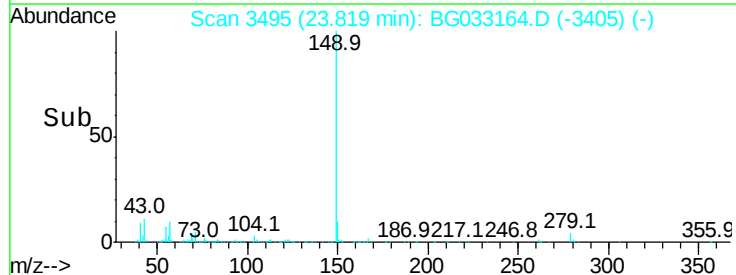
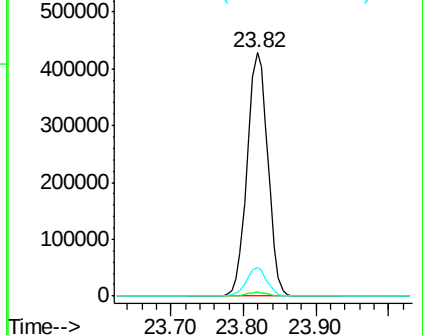
43 11.3 8.9 13.3

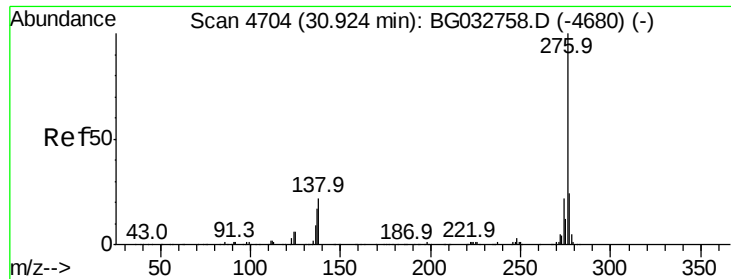


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

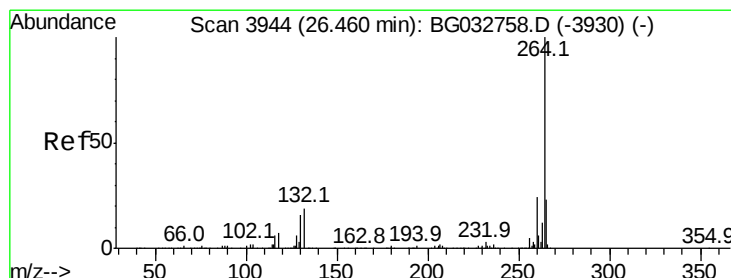
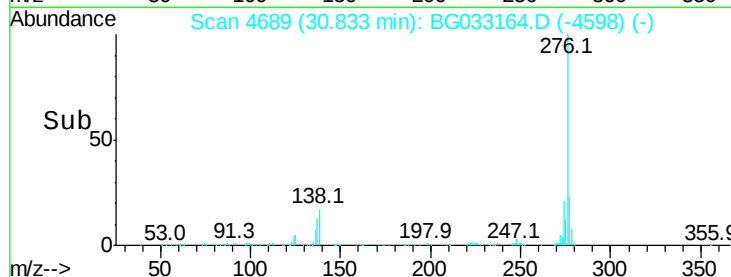
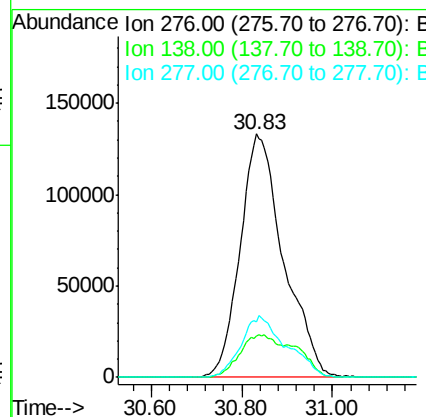
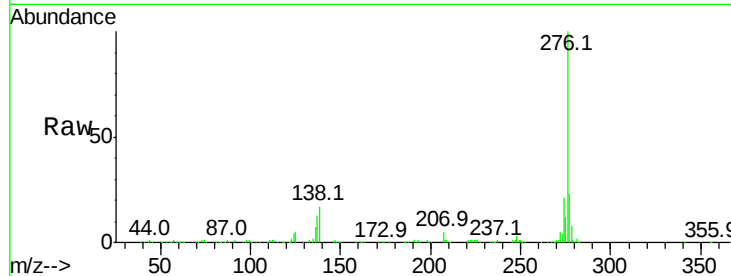




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.843 ng
 RT: 30.83 min Scan# 4689
 Delta R.T. 0.01 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

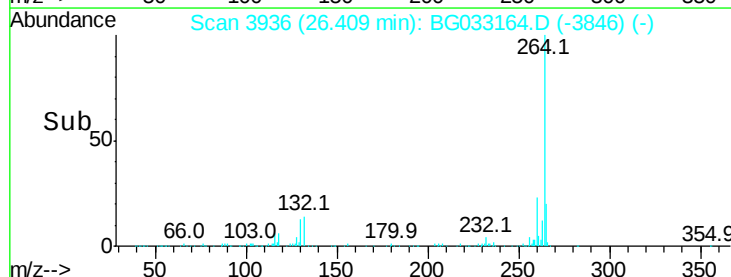
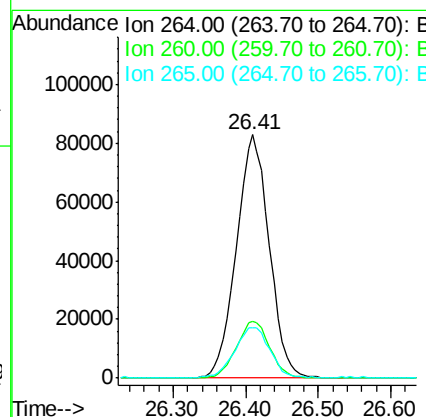
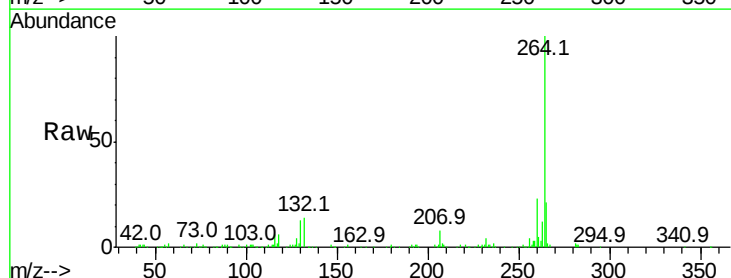
Instrument :
 BNA_F
 ClientSampleId :

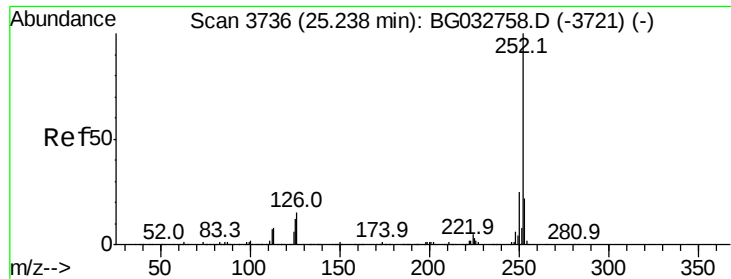
Tot Ion:276 Resp: 881683
 Ion Ratio Lower Upper
 276 100
 138 15.6 16.0 24.0#
 277 26.4 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion:264 Resp: 259830
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.4 26.0
 265 20.7 17.7 26.5

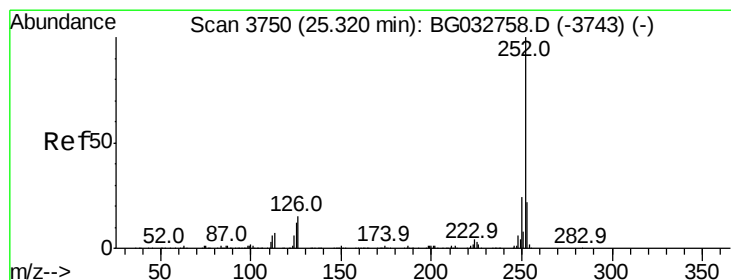
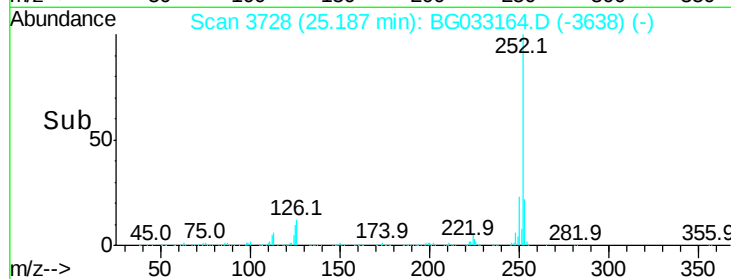
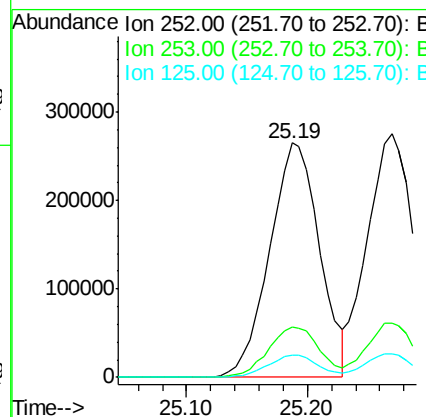
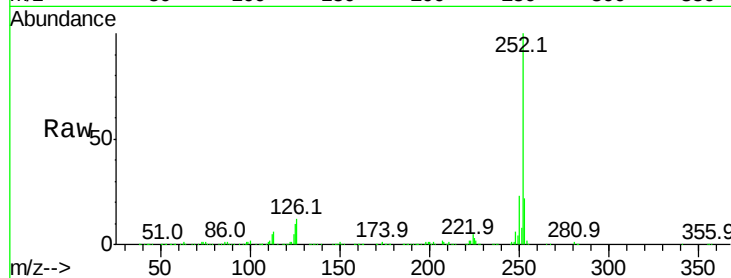




#87
Benzo(b)fluoranthene
Concen: 49.432 ng
RT: 25.19 min Scan# 3728
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

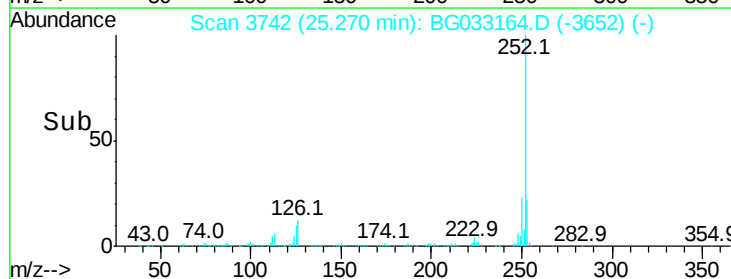
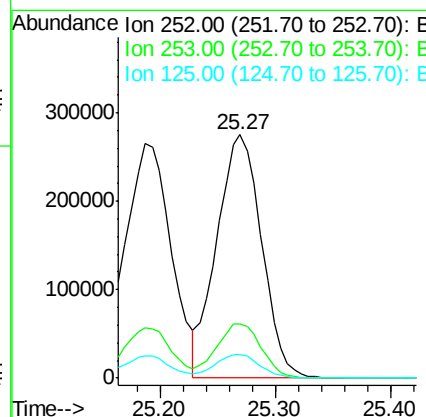
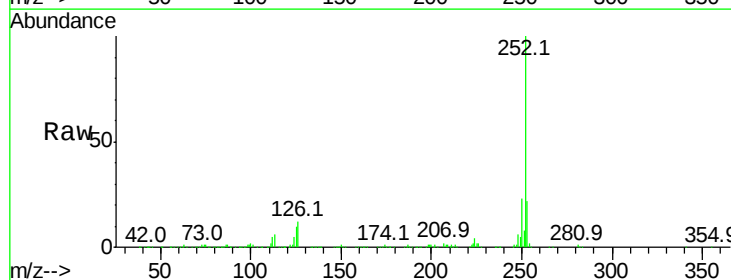
Instrument :
BNA_F
ClientSampleId :

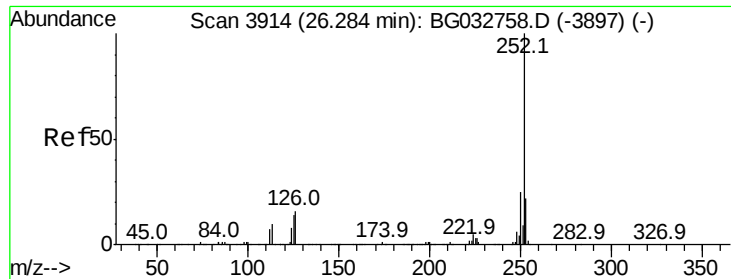
Tot Ion:252 Resp: 759420
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 9.6 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 48.305 ng
RT: 25.27 min Scan# 3742
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion:252 Resp: 737539
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 9.8 6.6 9.8





#89

Benzo(a)pyrene

Concen: 50.165 ng

RT: 26.23 min Scan# 3906

Delta R.T. 0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_F

ClientSampleId :

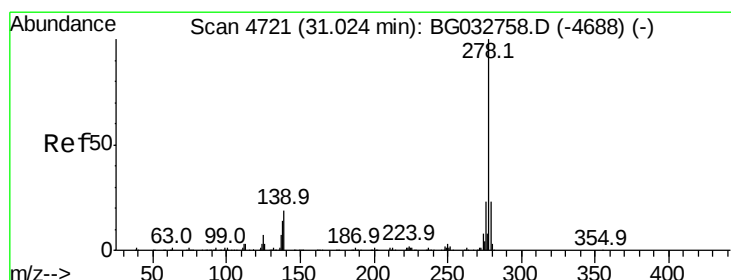
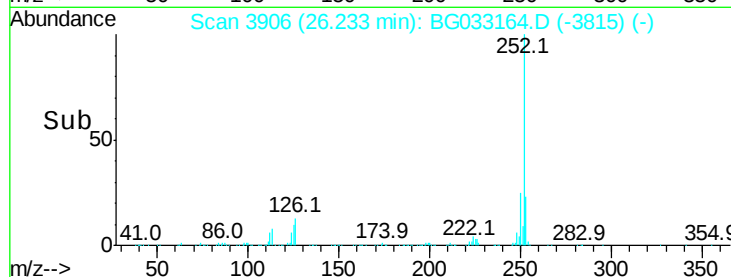
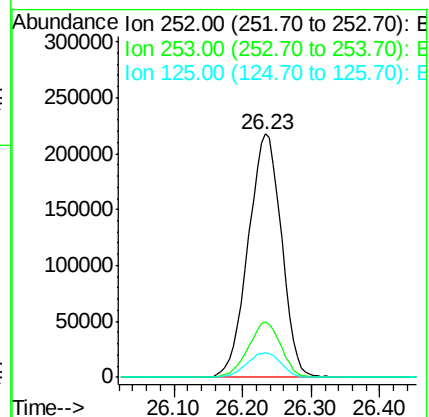
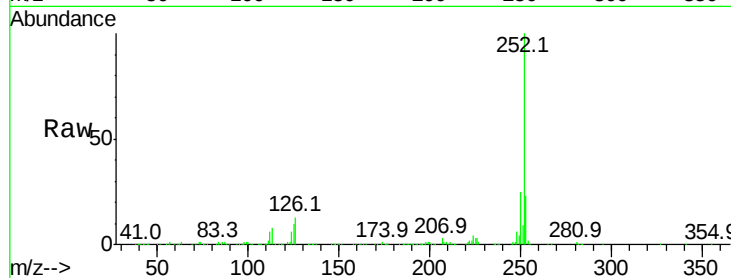
Tot Ion:252 Resp: 733030

Ion Ratio Lower Upper

252 100

253 22.7 18.3 27.5

125 10.2 7.3 10.9



#90

Dibenzo(a,h)anthracene

Concen: 50.435 ng

RT: 30.92 min Scan# 4704

Delta R.T. 0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

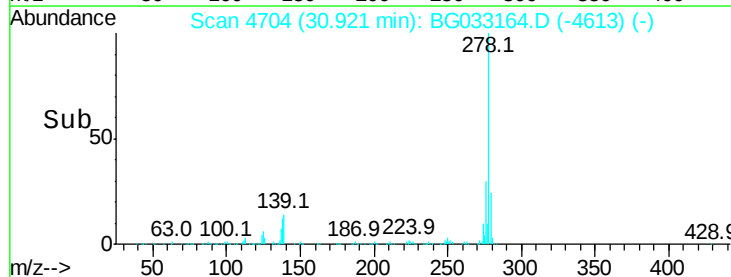
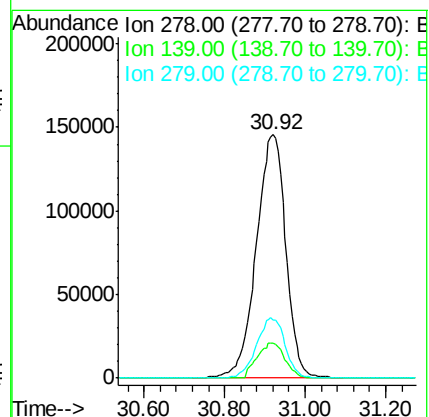
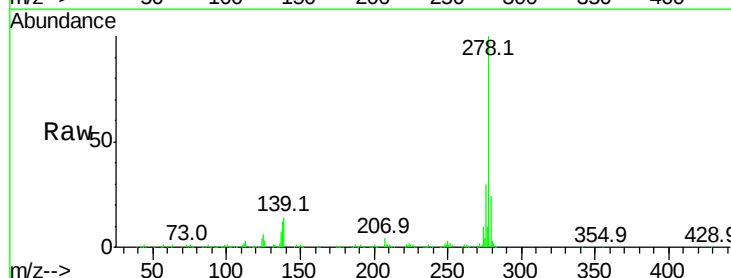
Tgt Ion:278 Resp: 741812

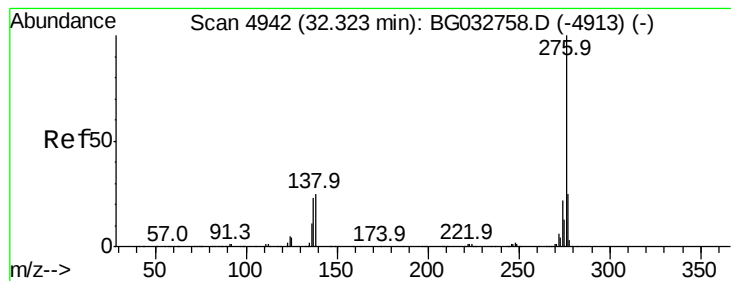
Ion Ratio Lower Upper

278 100

139 14.1 9.8 14.6

279 23.6 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 50.241 ng

RT: 32.24 min Scan# 4929

Delta R.T. 0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_F

ClientSampleId :

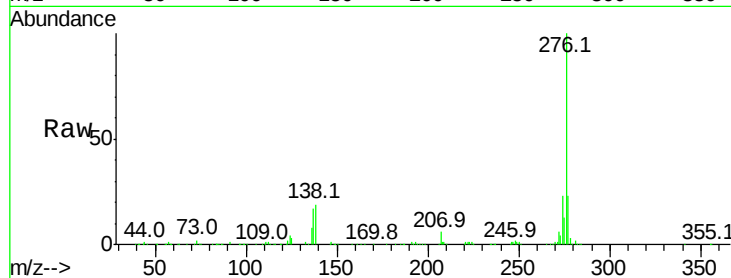
Tot Ion: 276 Resp: 728438

Ion Ratio Lower Upper

276 100

277 22.9 18.3 27.5

138 19.4 13.9 20.9



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

