

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033748.D
 Acq On : 11 Apr 2018 16:54
 Operator : SJ/JU
 Sample : PB108149BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 01:33:43 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33372	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	145005	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	111817	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	296213	20.00	ng	0.00
75) Chrysene-d12	22.55	240	322060	20.00	ng	0.00
86) Perylene-d12	26.31	264	313102	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.28	112	181494	101.98	ng	0.00
7) Phenol-d6	7.97	99	289887	94.80	ng	0.00
23) Nitrobenzene-d5	10.06	82	274403	86.94	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	138444	82.78	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	656022	84.70	ng	0.00
78) Terphenyl-d14	20.73	244	1211101	80.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.92	88	36148	39.995	ng	89
3) Pyridine	4.38	79	100245	40.123	ng	96
4) n-Nitrosodimethylamine	4.29	42	56503	55.108	ng	# 83
6) Aniline	8.15	93	100323	27.898	ng	# 92
8) 2-Chlorophenol	8.40	128	113028	55.553	ng	96
10) Phenol	7.99	94	170479	56.466	ng	94
11) bis(2-Chloroethyl)ether	8.24	93	97606	39.608	ng	99
12) 1,3-Dichlorobenzene	8.74	146	111247	41.822	ng	# 91
13) 1,4-Dichlorobenzene	8.89	146	113696	42.679	ng	95
14) 1,2-Dichlorobenzene	9.22	146	117676	45.259	ng	93
15) Benzyl Alcohol	9.09	79	131380	54.569	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.37	45	206818	51.481	ng	90
17) 2-Methylphenol	9.29	107	104331	50.727	ng	# 89
18) Hexachloroethane	9.97	117	47686	46.379	ng	94
19) n-Nitroso-di-n-propylamine	9.66	70	106696	47.616	ng	94
20) 3+4-Methylphenols	9.63	107	151618	51.776	ng	89
22) Acetophenone	9.70	105	184543	46.453	ng	# 94
24) Nitrobenzene	10.10	77	157542	46.635	ng	94
25) Isophorone	10.61	82	314275	51.306	ng	100
26) 2-Nitrophenol	10.83	139	68153	53.287	ng	# 91
27) 2,4-Dimethylphenol	10.86	122	117989	63.504	ng	91
28) bis(2-Chloroethoxy)methane	11.10	93	160135	52.395	ng	100
29) 2,4-Dichlorophenol	11.37	162	128450	56.216	ng	97
30) 1,2,4-Trichlorobenzene	11.59	180	136712	46.052	ng	96
31) Naphthalene	11.79	128	371031	49.377	ng	98
32) Benzoic acid	11.00	122	52164	30.202	ng	# 86
33) 4-Chloroaniline	11.89	127	49955	14.839	ng	94
34) Hexachlorobutadiene	12.05	225	97277	43.331	ng	95
35) Caprolactam	12.63	113	47511	53.076	ng	93
36) 4-Chloro-3-methylphenol	12.95	107	163167	54.751	ng	92
37) 2-Methylnaphthalene	13.34	142	278303	47.718	ng	89
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	176305	43.529	ng	99
40) Hexachlorocyclopentadiene	13.66	237	184213	77.583	ng	93
42) 2,4,6-Trichlorophenol	13.92	196	117677	50.006	ng	97

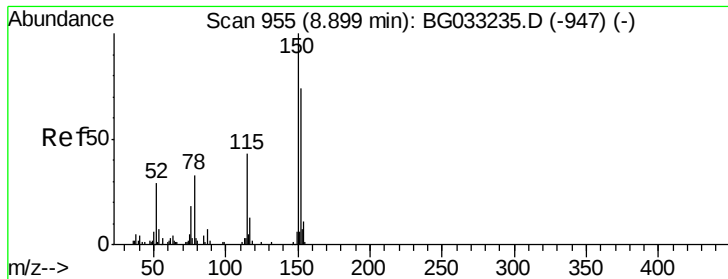
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	14.00	196	137280	49.354	nq	96
45) 1,1'-Biphenyl	14.32	154	377840	43.983	nq	96
46) 2-Chloronaphthalene	14.37	162	300926	45.431	nq	95
47) 2-Nitroaniline	14.56	65	131690	53.080	nq	88
48) Acenaphthylene	15.20	152	499012	45.133	nq	99
49) Dimethylphthalate	14.90	163	449005	46.141	nq	99
50) 2,6-Dinitrotoluene	15.03	165	100277	50.397	nq	96
51) Acenaphthene	15.54	154	384876	53.999	nq	97
52) 3-Nitroaniline	15.38	138	63468	30.425	nq #	91
53) 2,4-Dinitrophenol	15.57	184	113437	107.215	nq #	74
54) Dibenzofuran	15.87	168	505268	47.992	nq #	90
55) 4-Nitrophenol	15.66	139	161880	110.359	nq	87
56) 2,4-Dinitrotoluene	15.81	165	146461	49.992	nq	94
57) Fluorene	16.51	166	424733	47.355	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.08	232	132842	50.731	nq	98
59) Diethylphthalate	16.24	149	449988	47.622	nq	96
60) 4-Chlorophenyl-phenylether	16.48	204	236932	45.954	nq	99
61) 4-Nitroaniline	16.53	138	101853	48.215	nq #	83
62) Azobenzene	16.78	77	444525	48.564	nq	98
64) 4,6-Dinitro-2-methylphenol	16.57	198	84974	47.953	nq	97
65) n-Nitrosodiphenylamine	16.69	169	396630	46.903	nq	94
66) 4-Bromophenyl-phenylether	17.38	248	158411	45.537	nq #	88
67) Hexachlorobenzene	17.51	284	163128	44.433	nq	93
68) Atrazine	17.61	200	120250	35.092	nq	98
69) Pentachlorophenol	17.85	266	200376	79.519	nq	98
70) Phenanthrene	18.25	178	734758	47.629	nq	98
71) Anthracene	18.34	178	744392	47.656	nq	99
72) Carbazole	18.60	167	680175	49.140	nq	97
73) Di-n-butylphthalate	19.09	149	818094	50.779	nq #	98
74) Fluoranthene	20.20	202	964768	50.537	nq	98
76) Benzdine	20.37	184	104622	11.979	nq	97
77) Pyrene	20.56	202	997067	46.419	nq	98
79) Butylbenzylphthalate	21.41	149	380721	48.032	nq	98
80) Benzo(a)anthracene	22.53	228	954670	46.552	nq	99
81) 3,3'-Dichlorobenzidine	22.42	252	241215	33.054	nq	98
82) Chrysene	22.61	228	905915	45.635	nq	99
83) Bis(2-ethylhexyl)phthalate	22.35	149	518609	47.463	nq	99
84) Di-n-octyl phthalate	23.74	149	909456	54.361	nq	99
85) Indeno(1,2,3-cd)pyrene	30.69	276	1090988	50.831	nq #	95
87) Benzo(b)fluoranthene	25.11	252	933067	51.581	nq #	97
88) Benzo(k)fluoranthene	25.11	252	933067	51.000	nq	98
89) Benzo(a)pyrene	26.14	252	929700	53.518	nq #	97
90) Dibenzo(a,h)anthracene	30.76	278	919697	56.204	nq	97
91) Benzo(q,h,i)perylene	32.07	276	897077	55.362	nq #	95

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

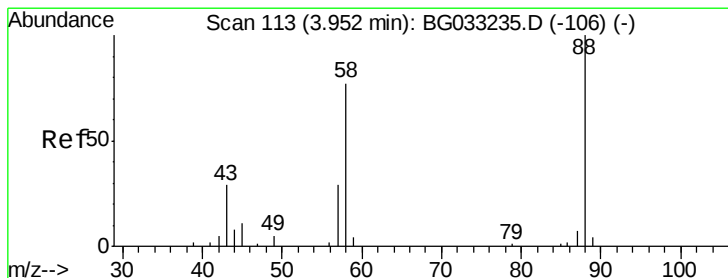
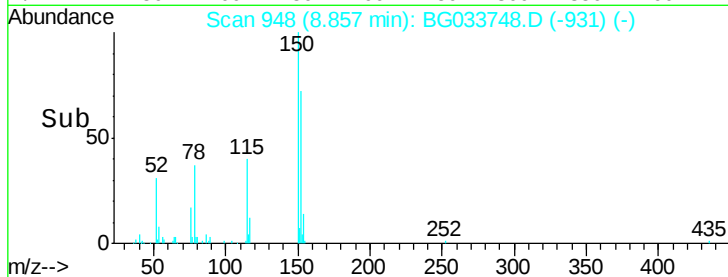
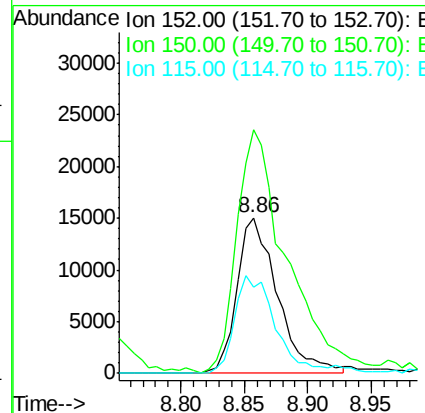
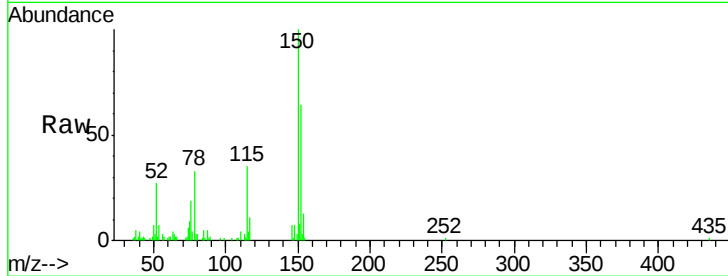


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Instrument :
 BNA_G
 ClientSampleId :

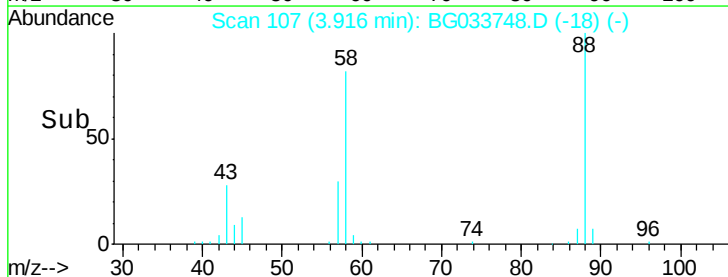
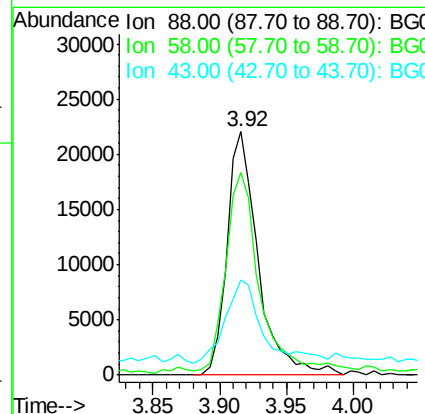
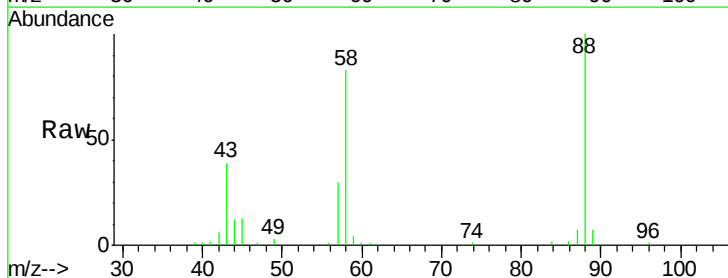
Tot Ion:152 Resp: 33372
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.6 189.8
 115 55.5 53.0 79.4



#2

1,4-Dioxane
 Concen: 39.995 ng
 RT: 3.92 min Scan# 107
 Delta R.T. -0.01 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Tgt Ion: 88 Resp: 36148
 Ion Ratio Lower Upper
 88 100
 58 87.9 79.6 119.4
 43 40.0 27.4 41.0





#3

Pvridine

Concen: 40.123 ng

RT: 4.38 min Scan# 186

Delta R.T. -0.01 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

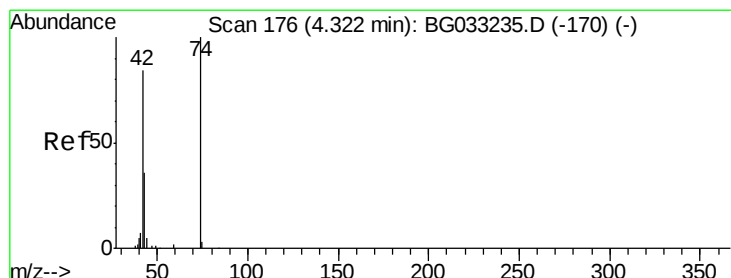
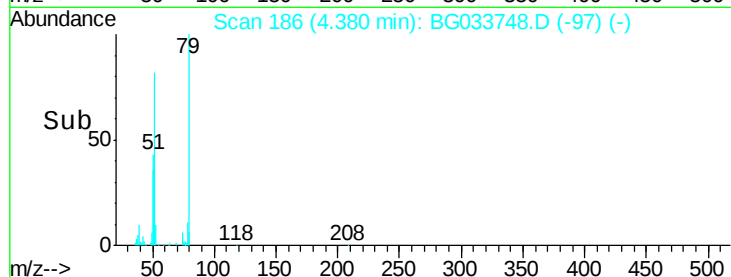
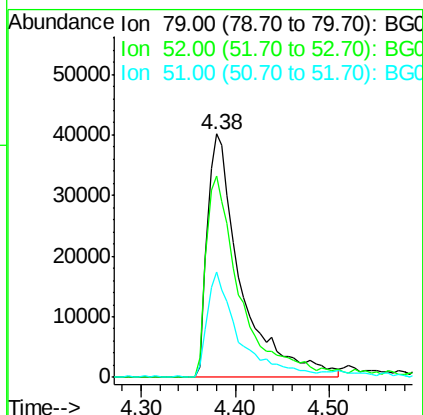
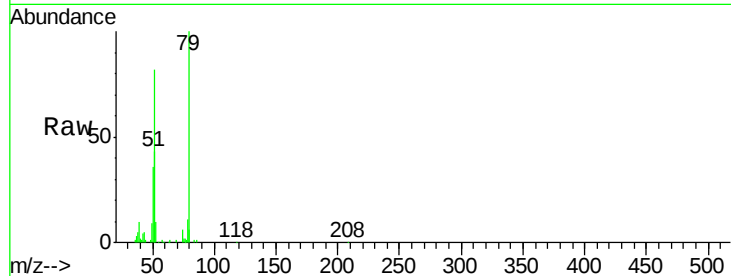
Tot Ion: 79 Resp: 100245

Ion Ratio Lower Upper

79 100

52 82.5 69.9 104.9

51 43.4 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 55.108 ng

RT: 4.29 min Scan# 171

Delta R.T. -0.01 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

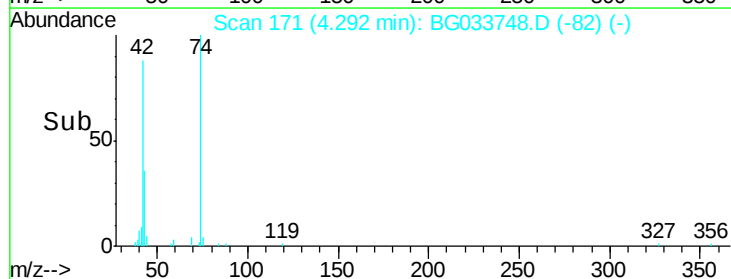
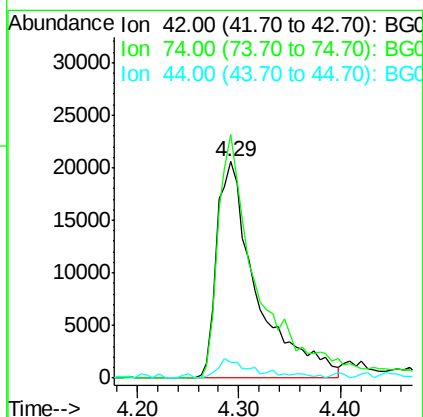
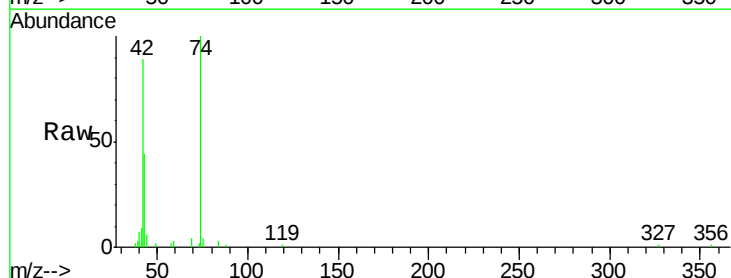
Tgt Ion: 42 Resp: 56503

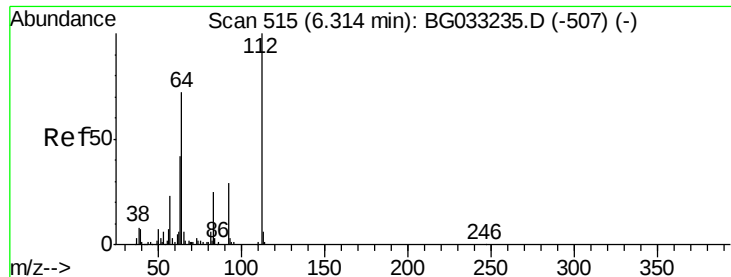
Ion Ratio Lower Upper

42 100

74 112.4 102.5 153.7

44 7.3 18.9 28.3#





#5

2-Fluorophenol

Concen: 101.979 ng

RT: 6.28 min Scan# 510

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

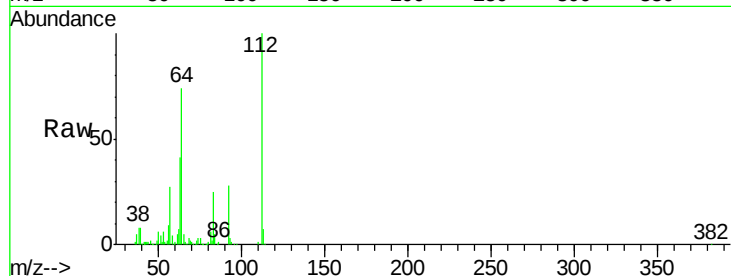
Tot Ion:112 Resp: 181494

Ion Ratio Lower Upper

112 100

64 74.4 56.3 84.5

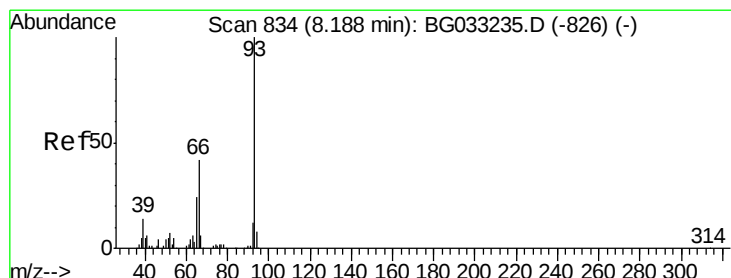
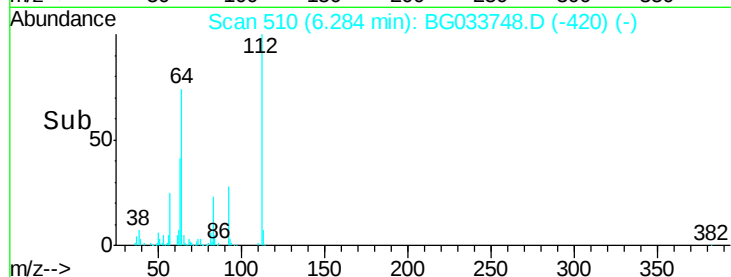
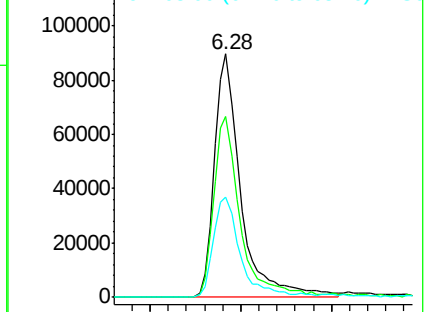
63 41.4 30.1 45.1



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: 27.898 ng

RT: 8.15 min Scan# 828

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

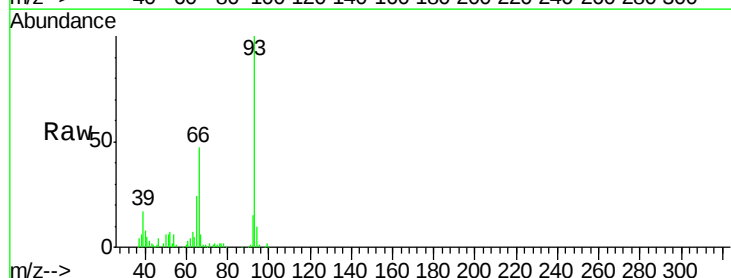
Tgt Ion: 93 Resp: 100323

Ion Ratio Lower Upper

93 100

66 46.6 33.7 50.5

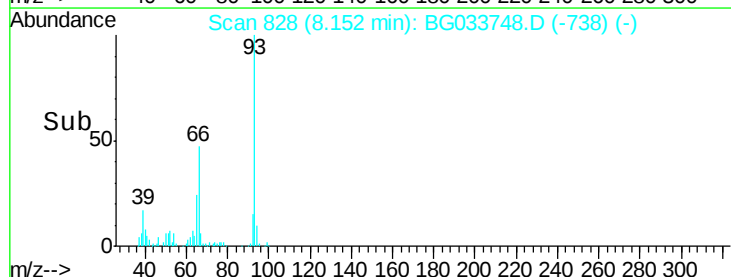
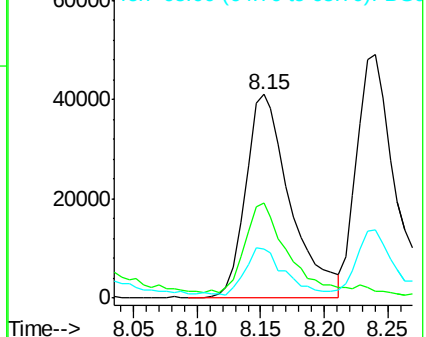
65 24.3 16.1 24.1#

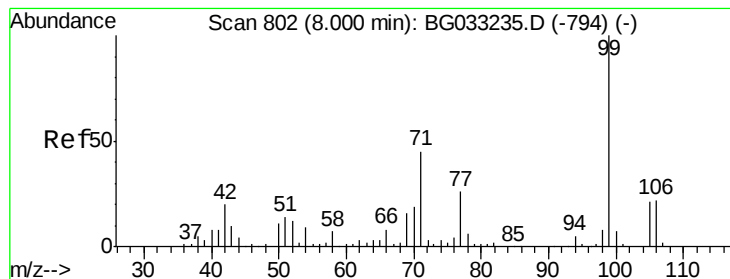


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 94.798 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

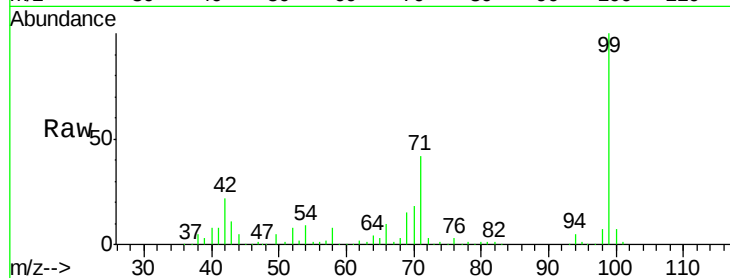
Tot Ion: 99 Resp: 289887

Ion Ratio Lower Upper

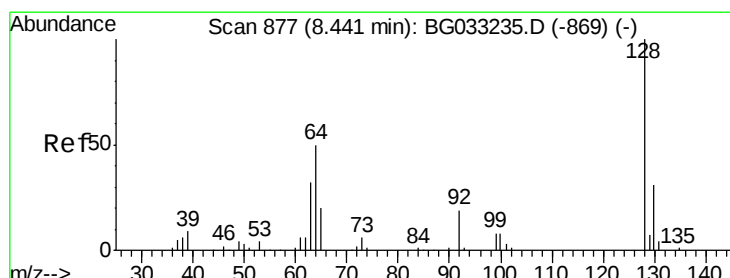
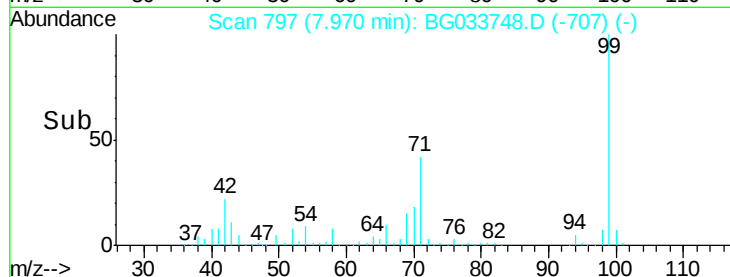
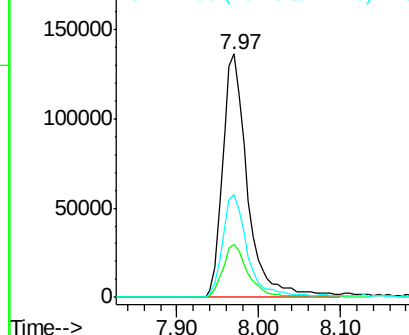
99 100

42 22.0 14.1 21.1#

71 42.4 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: 55.553 ng

RT: 8.40 min Scan# 871

Delta R.T. 0.01 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

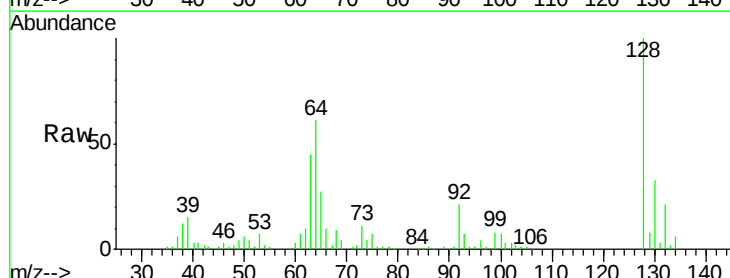
Tgt Ion: 128 Resp: 113028

Ion Ratio Lower Upper

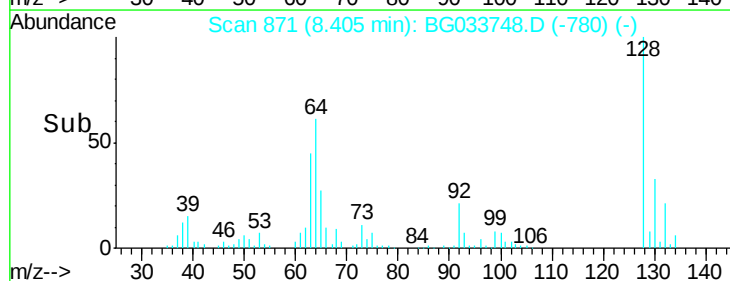
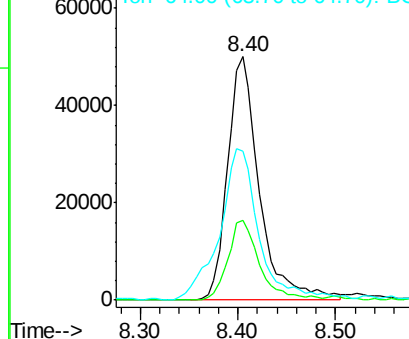
128 100

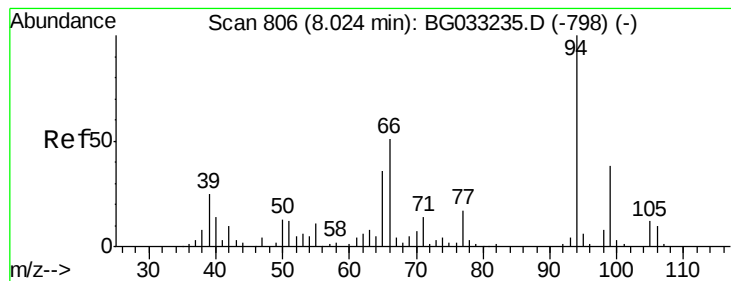
130 32.7 14.0 54.0

64 61.2 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





#10

Phenol

Concen: 56.466 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.01 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampled :

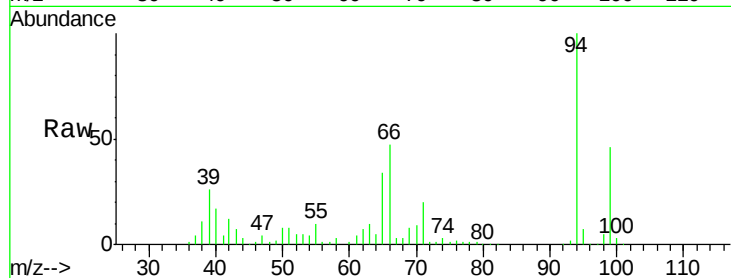
Tot Ion: 94 Resp: 170479

Ion Ratio Lower Upper

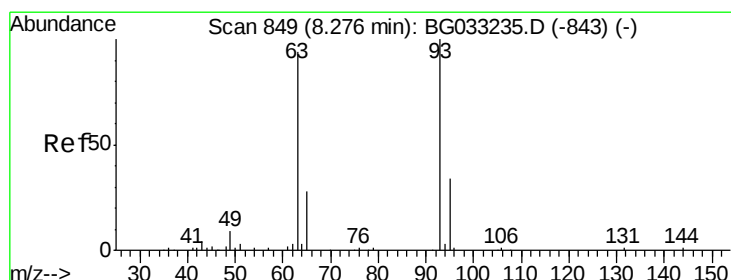
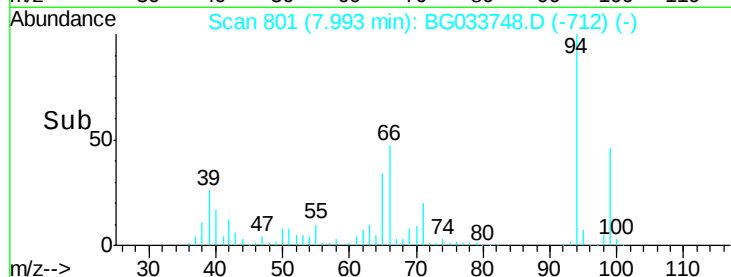
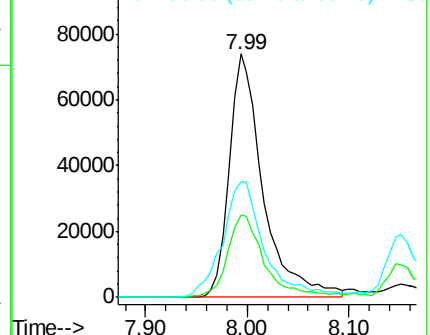
94 100

65 33.6 11.9 51.9

66 47.4 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: 39.608 ng

RT: 8.24 min Scan# 843

Delta R.T. 0.01 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

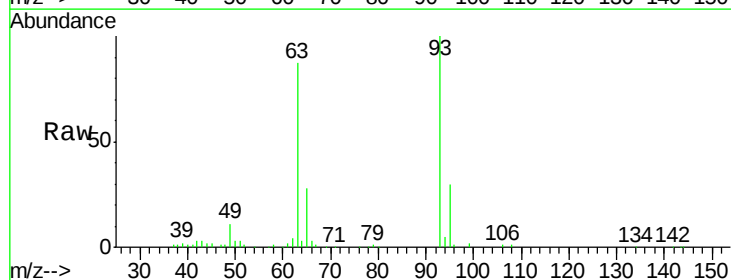
Tgt Ion: 93 Resp: 97606

Ion Ratio Lower Upper

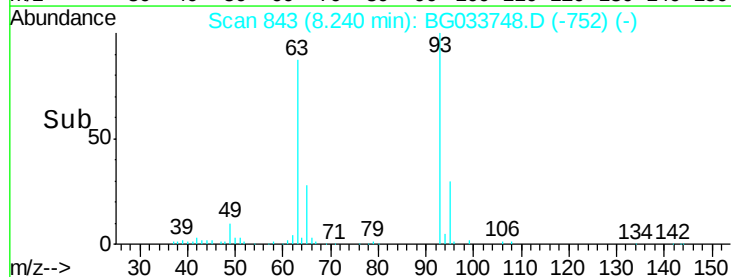
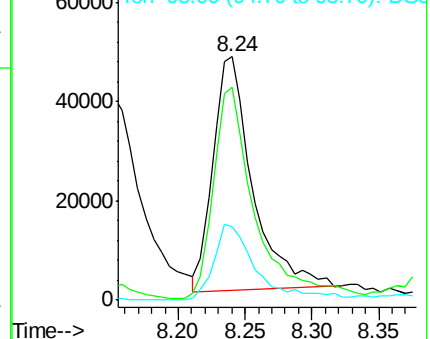
93 100

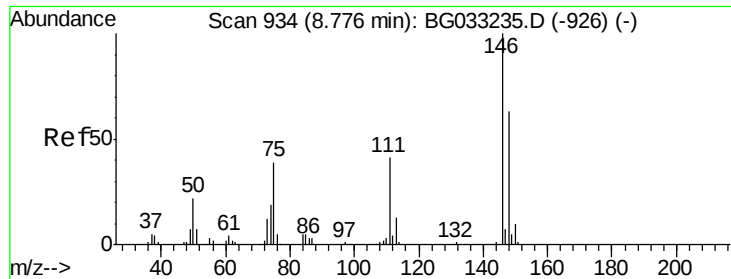
63 87.4 67.1 107.1

95 29.9 11.5 51.5



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





#12

1,3-Dichlorobenzene

Concen: 41.822 ng

RT: 8.74 min Scan# 928

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

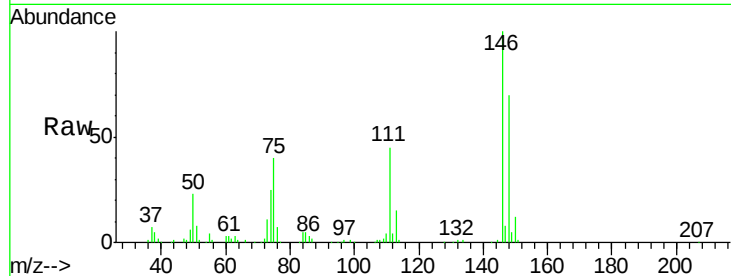
Tot Ion:146 Resp: 111247

Ion Ratio Lower Upper

146 100

148 69.8 51.4 77.2

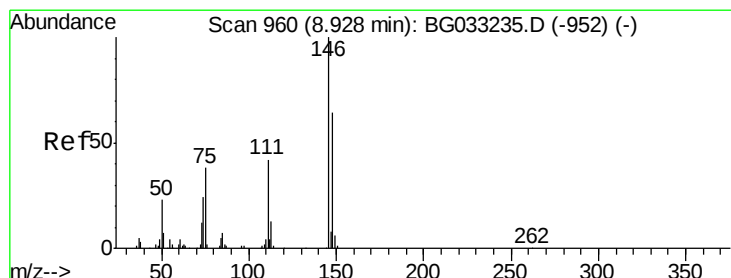
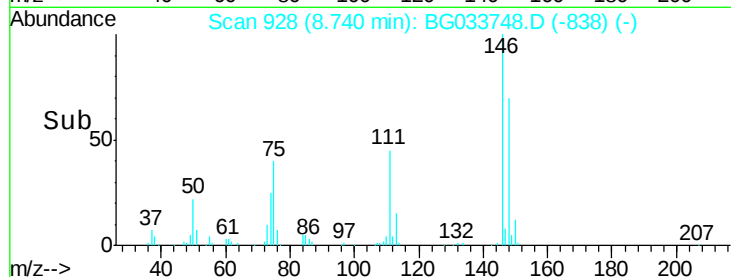
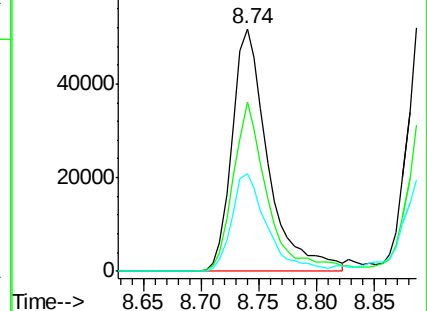
75 40.4 26.6 39.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 42.679 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

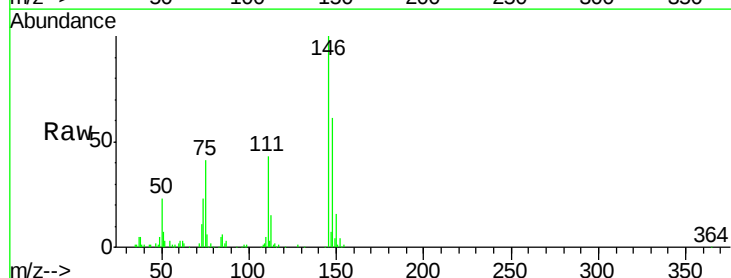
Tgt Ion:146 Resp: 113696

Ion Ratio Lower Upper

146 100

148 61.2 53.7 80.5

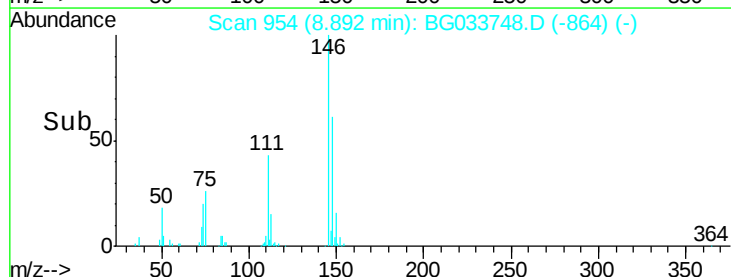
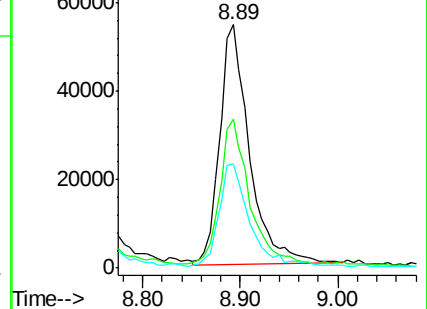
111 42.5 35.2 52.8

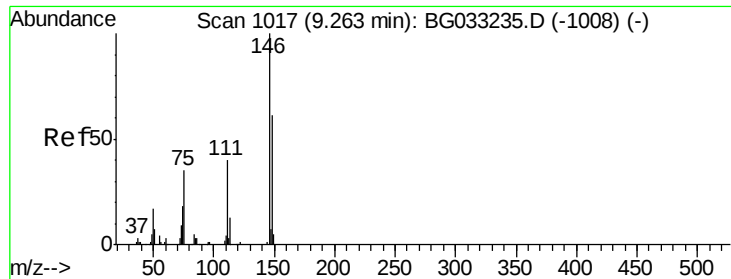


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

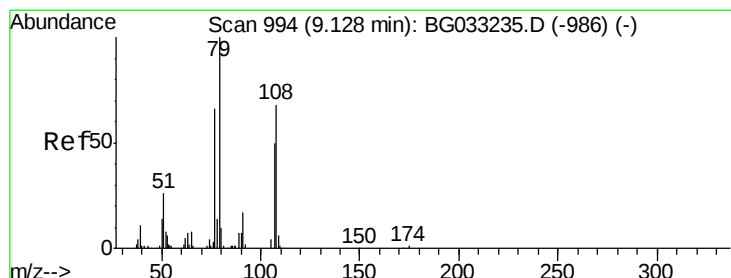
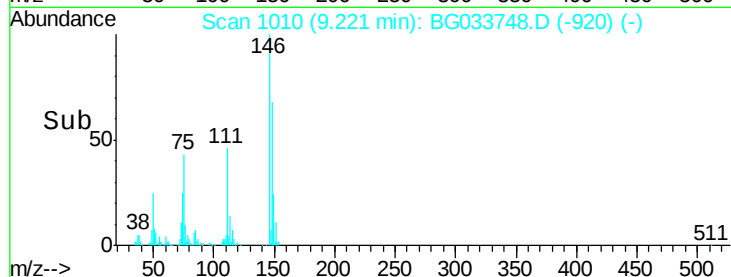
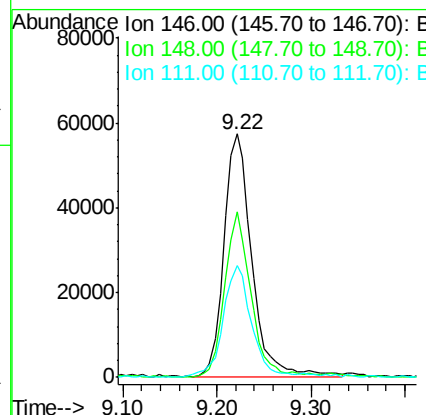
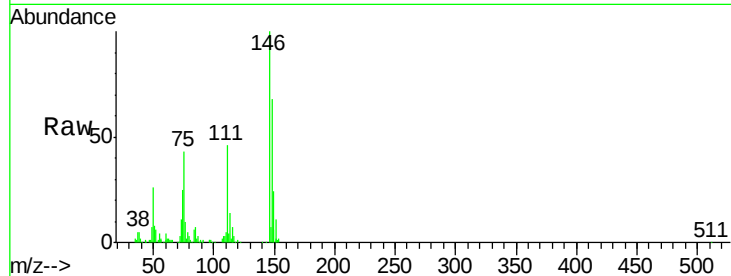




#14
 1,2-Dichlorobenzene
 Concen: 45.259 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

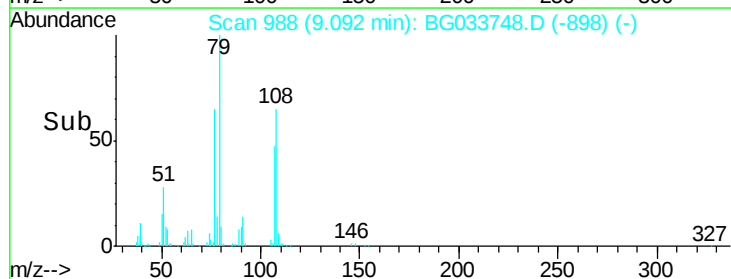
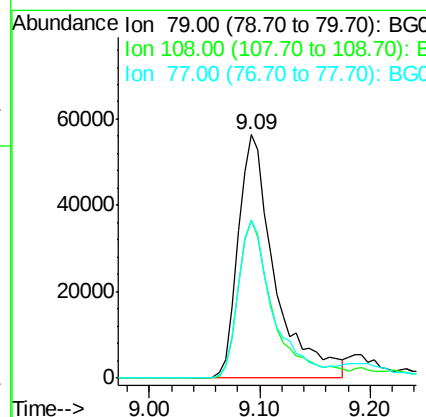
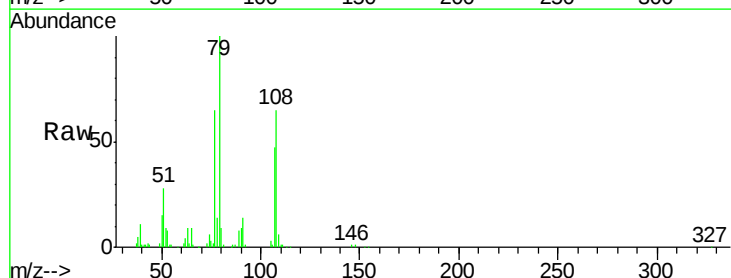
Instrument :
 BNA_G
 ClientSampleId :

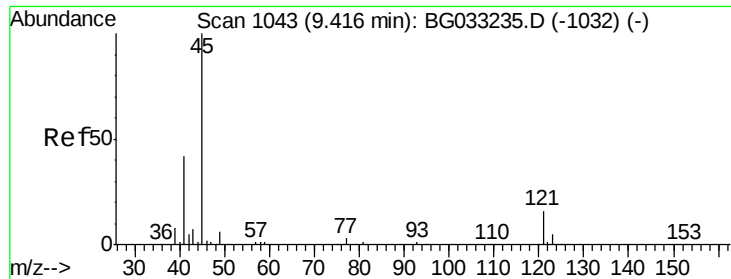
Tot Ion	Ratio	Lower	Upper
146	100		
148	68.1	49.3	73.9
111	46.0	34.3	51.5



#15
 Benzyl Alcohol
 Concen: 54.569 ng
 RT: 9.09 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
79	100		
108	64.9	57.2	85.8
77	65.0	46.1	69.1

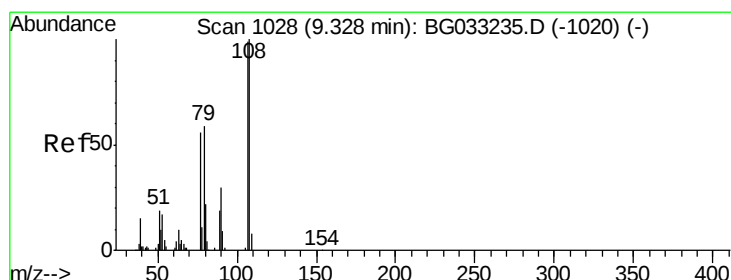
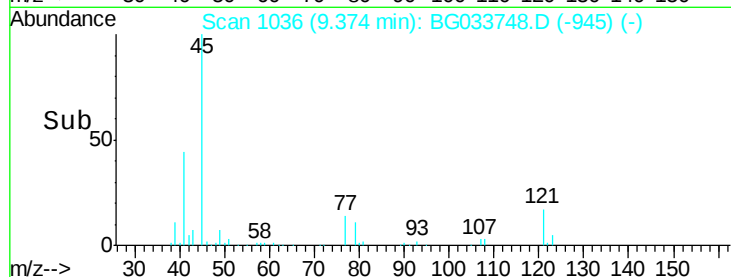
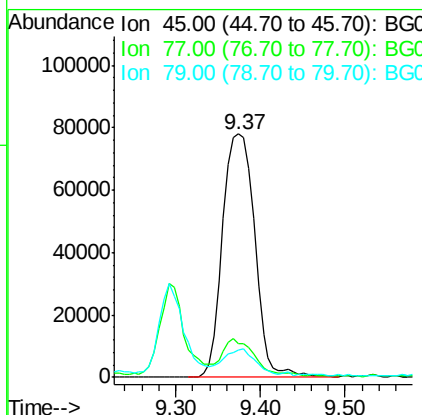
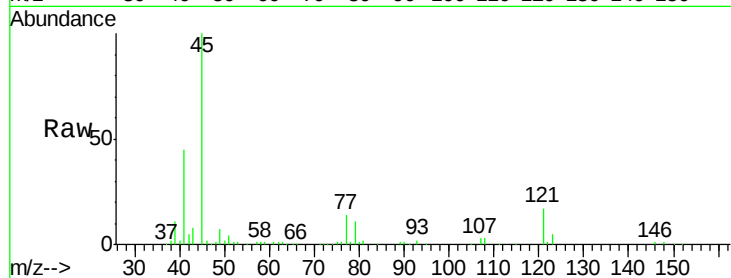




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 51.481 ng
RT: 9.37 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

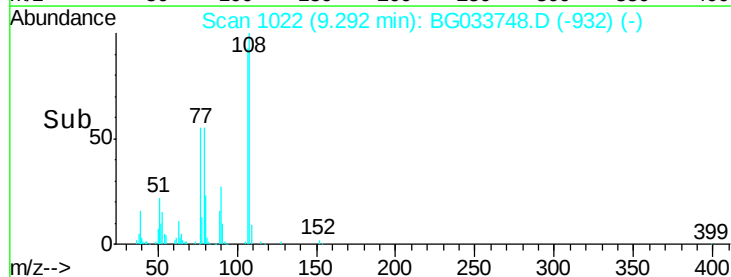
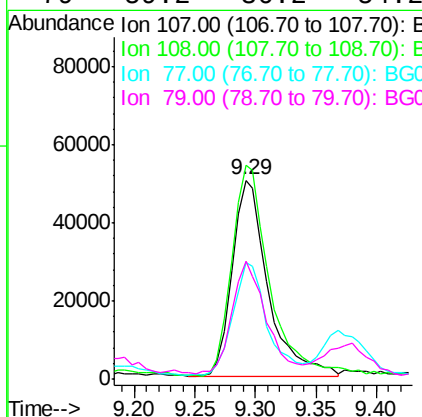
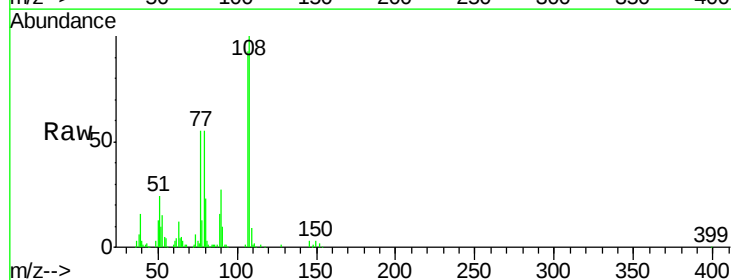
Instrument :
BNA_G
ClientSampleId :

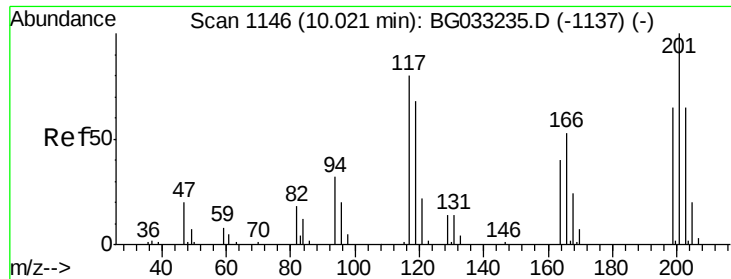
Tot Ion: 45 Resp: 206818
Ion Ratio Lower Upper
45 100
77 14.1 0.0 30.2
79 11.0 0.0 27.9



#17
2-Methylphenol
Concen: 50.727 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion: 107 Resp: 104331
Ion Ratio Lower Upper
107 100
108 107.5 83.9 125.9
77 58.9 37.2 55.8#
79 59.2 36.2 54.2#

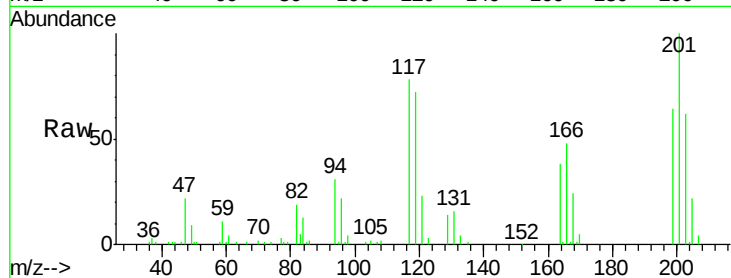




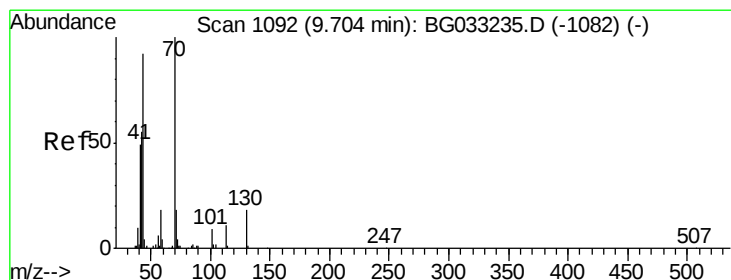
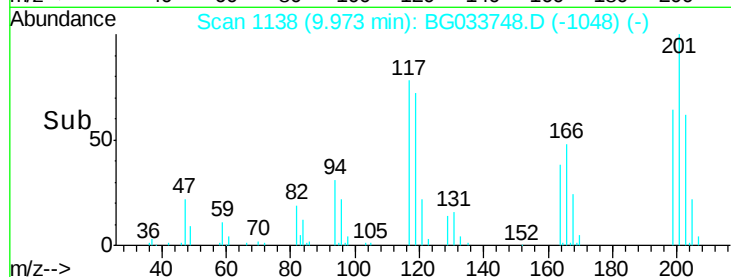
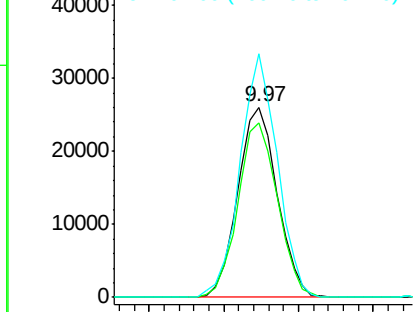
#18
Hexachloroethane
Concen: 46.379 ng
RT: 9.97 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:117 Resp: 47686
Ion Ratio Lower Upper
117 100
119 91.7 76.7 115.1
201 128.0 95.7 143.5

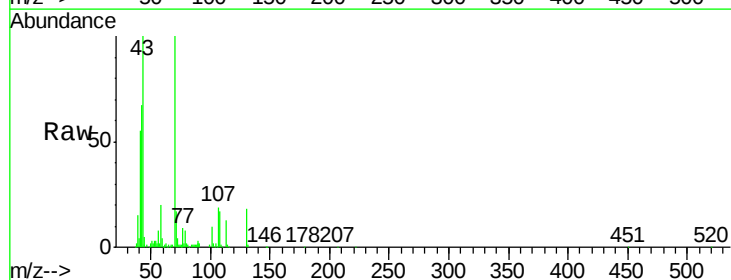


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

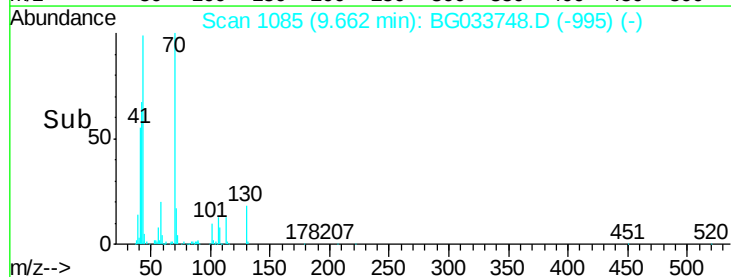
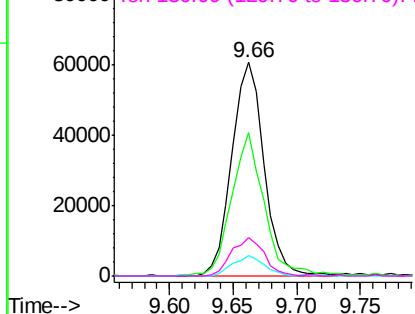


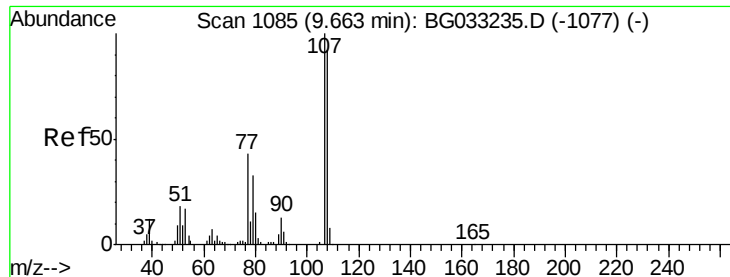
#19
n-Nitroso-di-n-propylamine
Concen: 47.616 ng
RT: 9.66 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion: 70 Resp: 106696
Ion Ratio Lower Upper
70 100
42 67.2 49.1 73.7
101 9.6 8.5 12.7
130 18.1 13.4 20.0



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

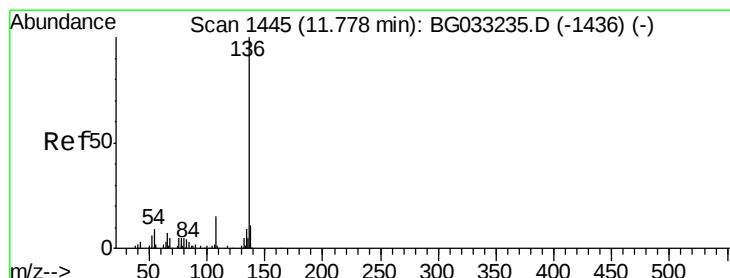
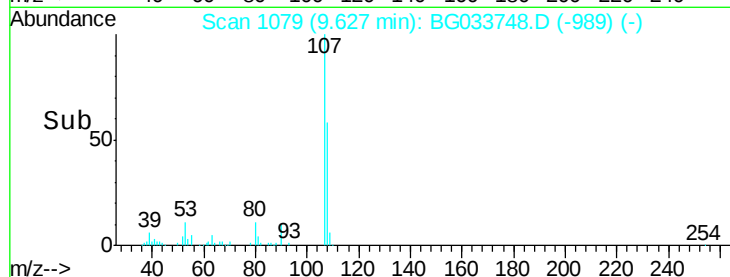
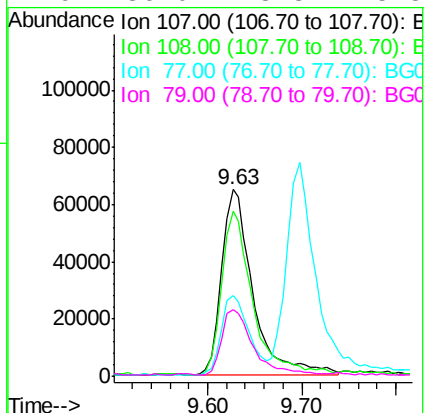
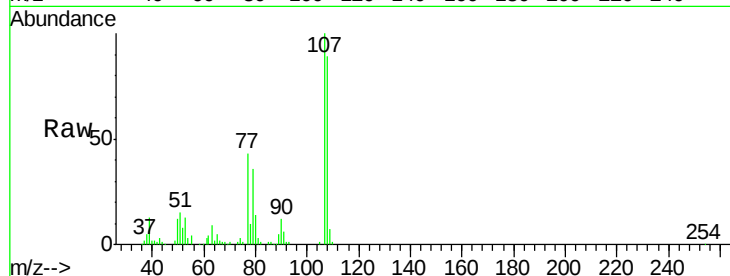




#20
 3+4-Methylphenols
 Concen: 51.776 ng
 RT: 9.63 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

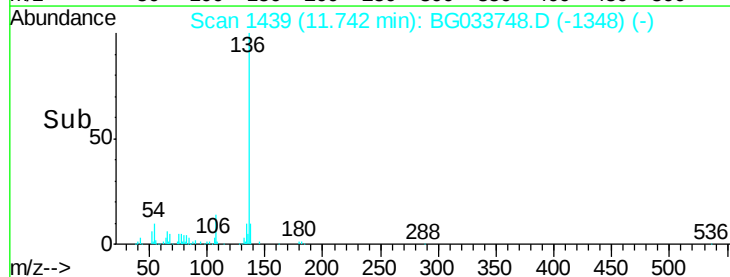
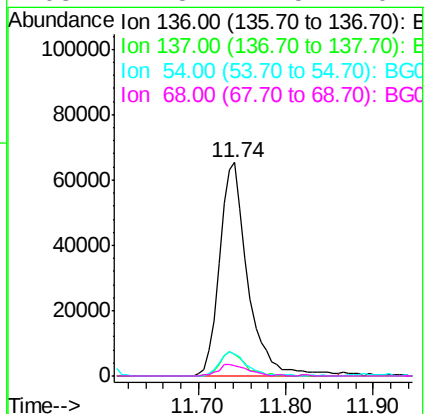
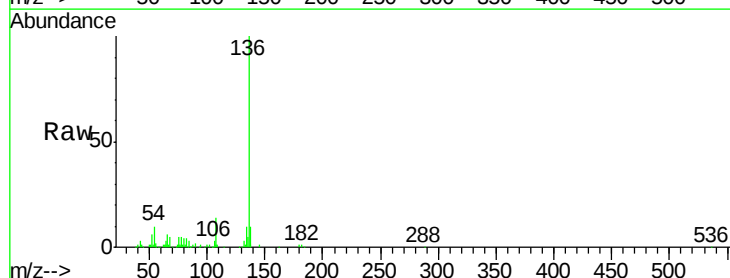
Instrument :
 BNA_G
 ClientSampleId :

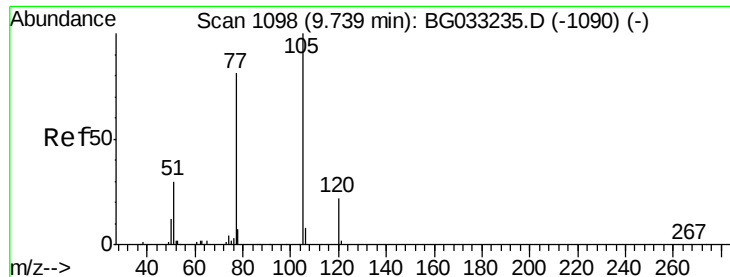
Tot Ion:107	Resp:	151618
Ion	Ratio	Lower Upper
107	100	
108	88.7	61.6 101.6
77	43.4	13.9 53.9
79	36.0	8.8 48.8



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Tgt Ion:136	Resp:	145005
Ion	Ratio	Lower Upper
136	100	
137	9.9	9.2 13.8
54	10.5	10.3 15.5
68	4.8	4.5 6.7





#22

Acetophenone

Concen: 46.453 ng

RT: 9.70 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:105 Resp: 184543

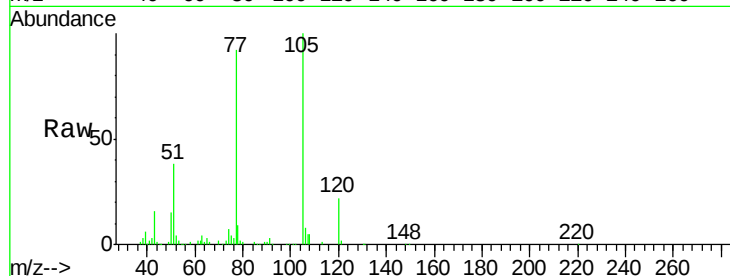
Ion Ratio Lower Upper

105 100

71 0.4 3.0 4.4#

51 37.8 26.1 39.1

120 22.0 17.4 26.2

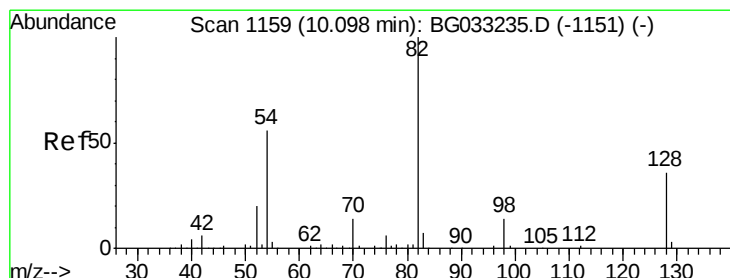
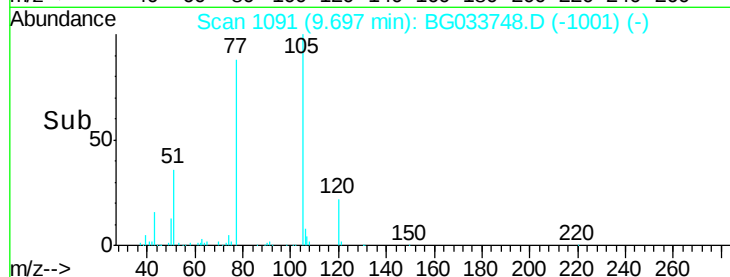
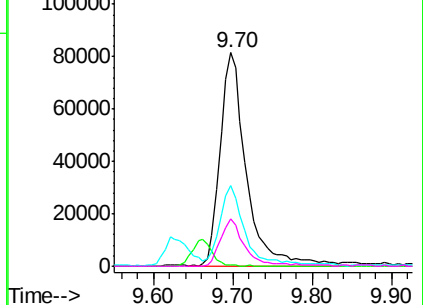


Abundance Ion 105.00 (104.70 to 105.70): E

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: 86.943 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

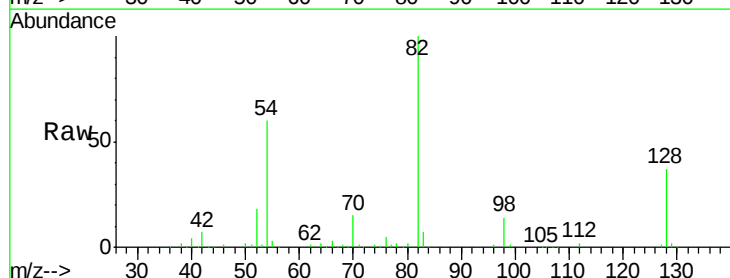
Tgt Ion: 82 Resp: 274403

Ion Ratio Lower Upper

82 100

128 36.7 29.7 44.5

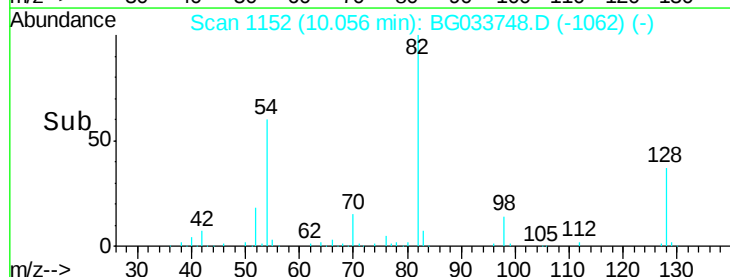
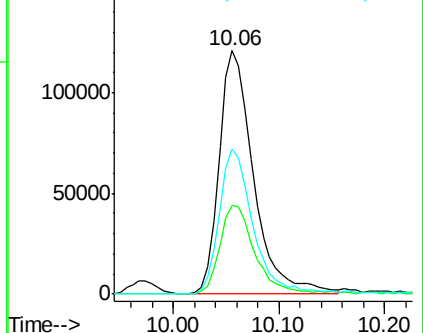
54 59.7 43.1 64.7

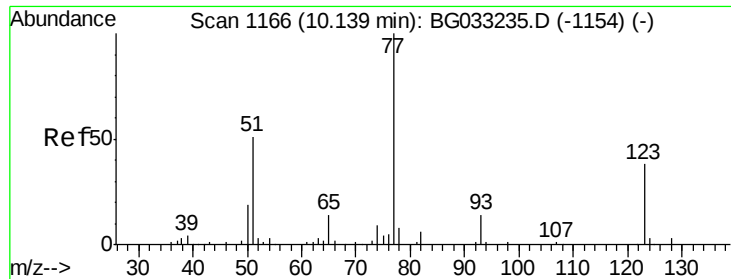


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 46.635 ng

RT: 10.10 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

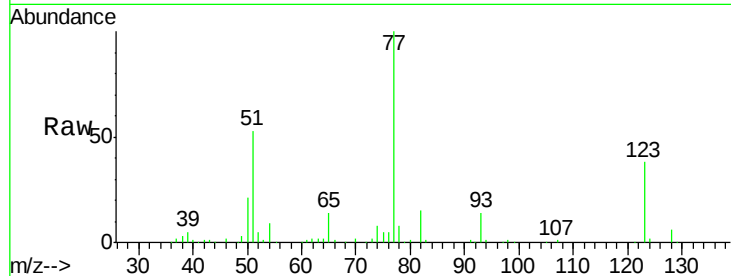
Tot Ion: 77 Resp: 157542

Ion	Ratio	Lower	Upper
77	100		
123	37.7	33.0	49.6
65	14.1	13.0	19.6

77 100

123 37.7 33.0 49.6

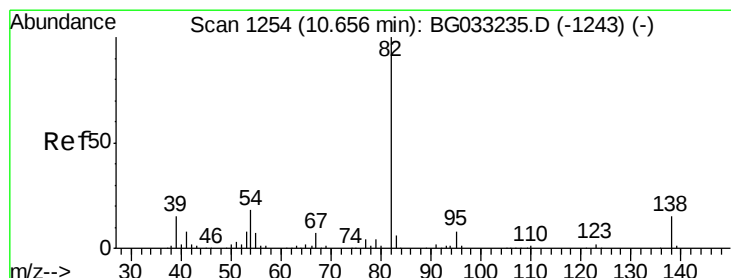
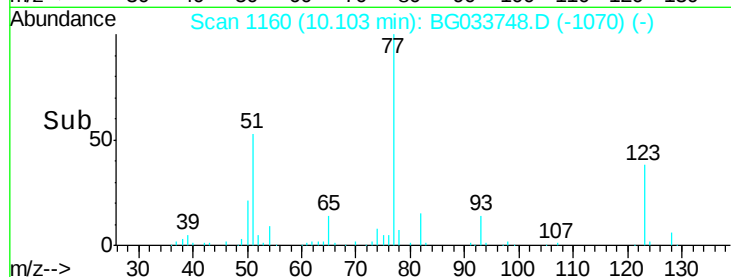
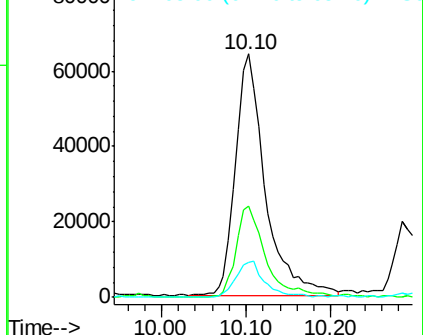
65 14.1 13.0 19.6



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: 51.306 ng

RT: 10.61 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

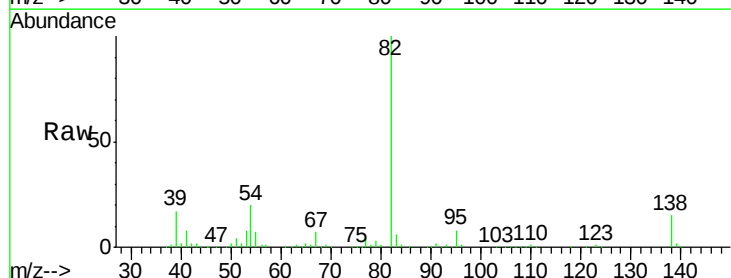
Tgt Ion: 82 Resp: 314275

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.2	9.2
138	14.9	12.1	18.1

82 100

95 7.9 6.2 9.2

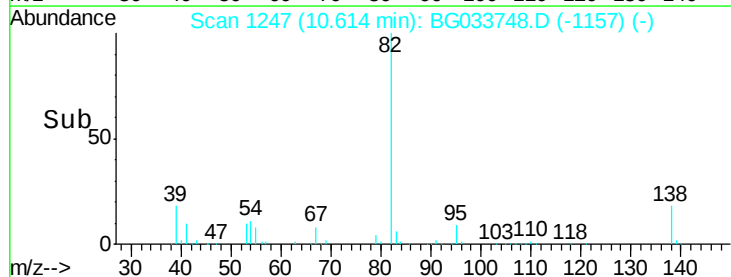
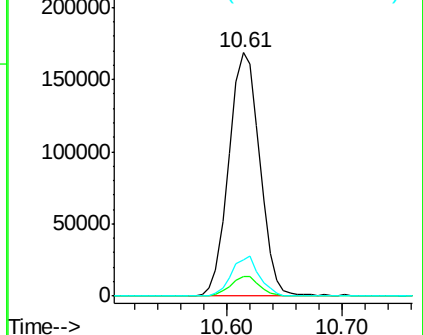
138 14.9 12.1 18.1

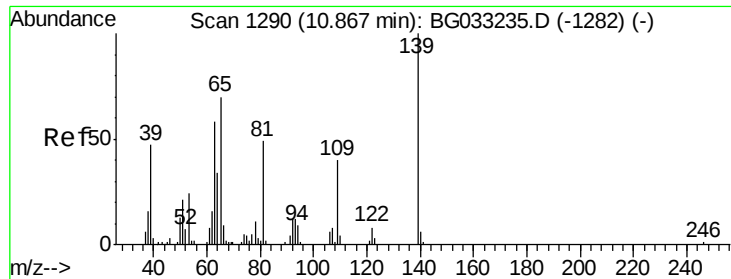


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC

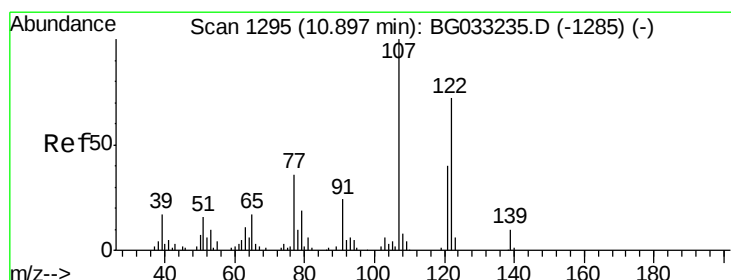
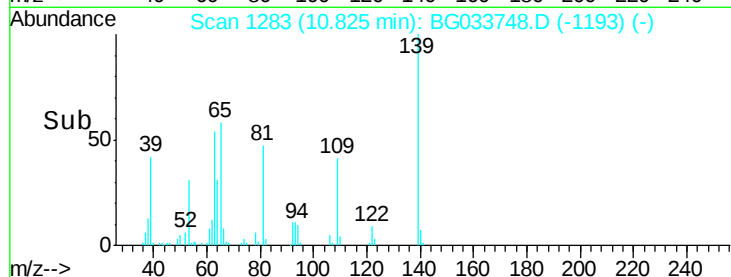
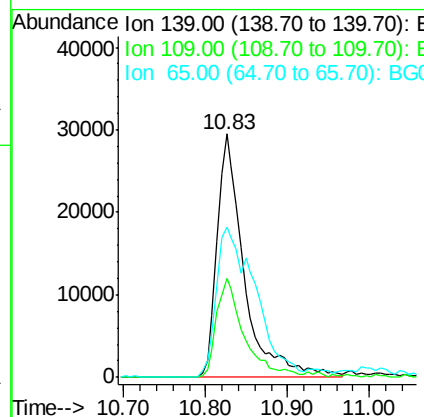
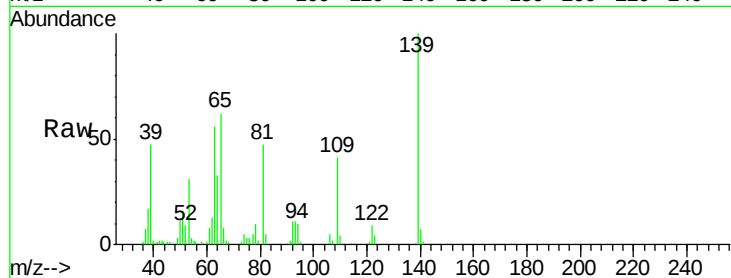




#26
2-Nitrophenol
Concen: 53.287 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

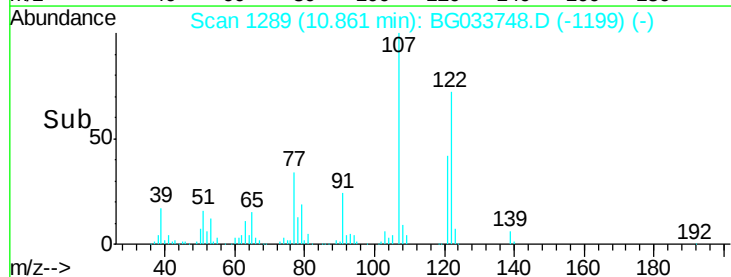
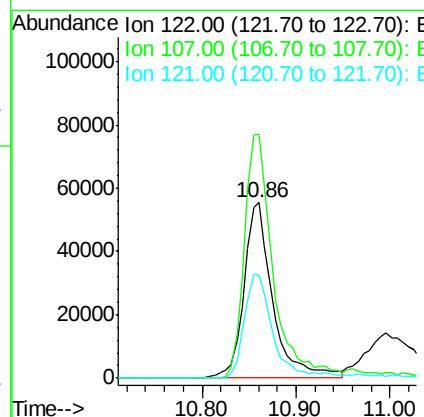
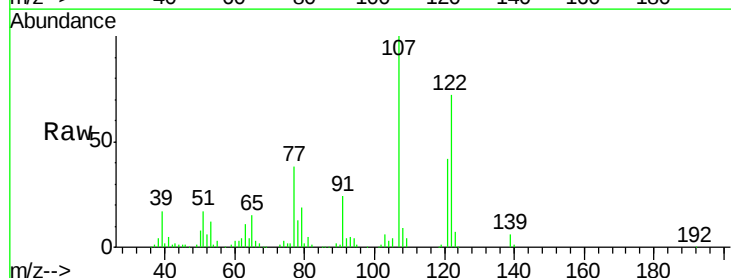
Instrument :
BNA_G
ClientSampleId :

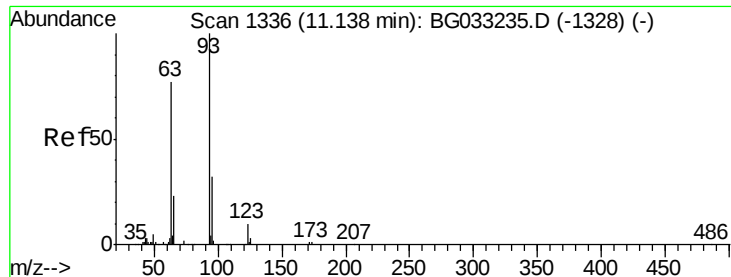
Tot Ion:139 Resp: 68153
Ion Ratio Lower Upper
139 100
109 40.7 24.2 36.2#
65 61.7 47.4 71.0



#27
2,4-Dimethylphenol
Concen: 63.504 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion:122 Resp: 117989
Ion Ratio Lower Upper
122 100
107 138.5 100.2 150.2
121 58.7 44.4 66.6

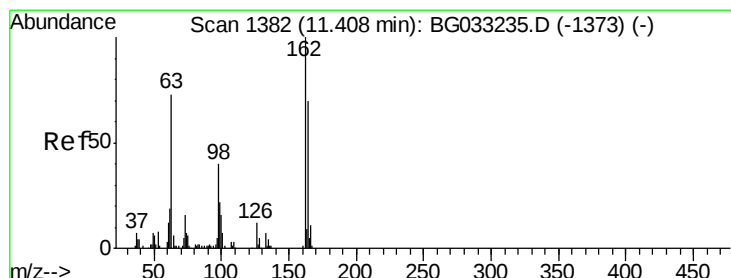
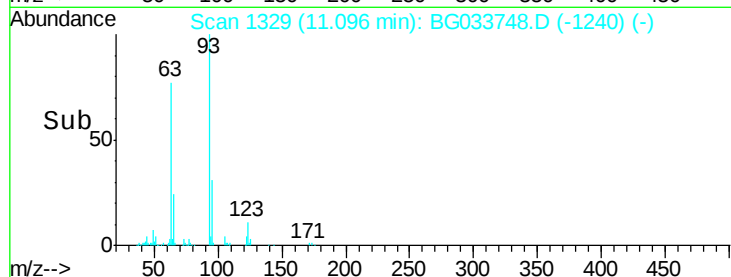
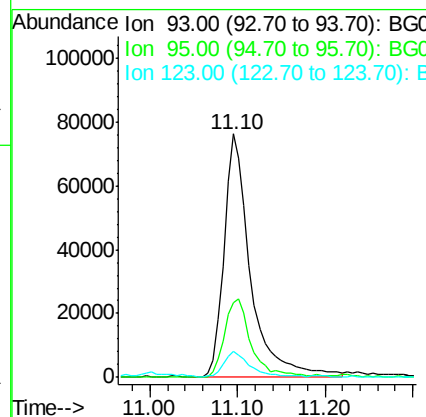
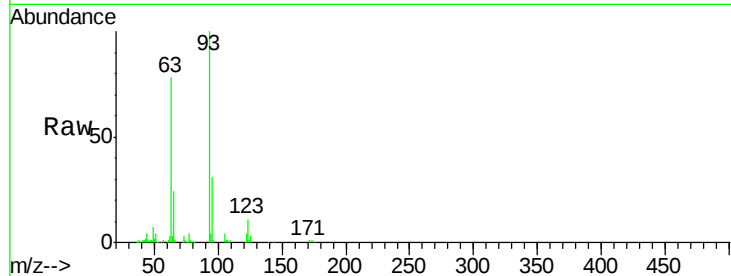




#28
bis(2-Chloroethoxy)methane
Concen: 52.395 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

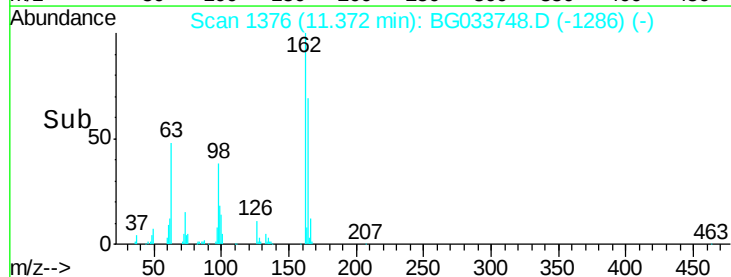
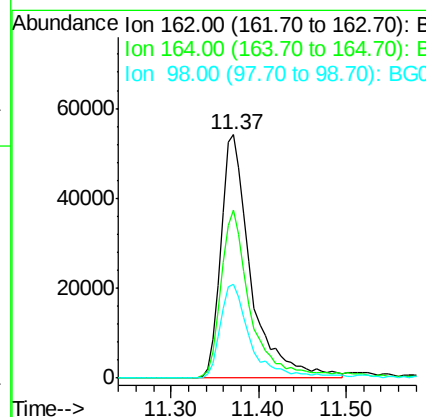
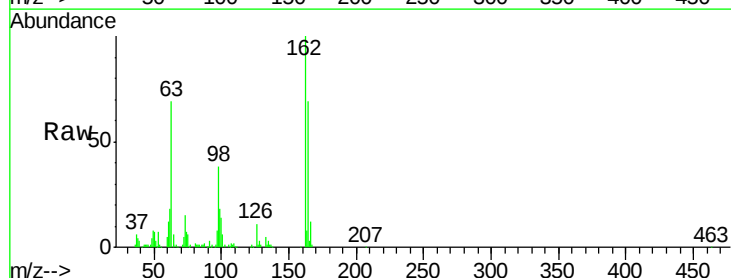
Instrument :
BNA_G
ClientSampleId :

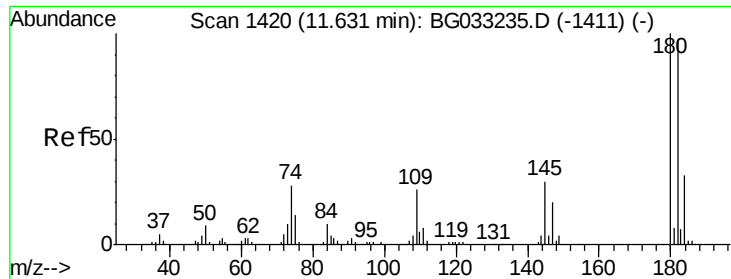
Tot Ion: 93 Resp: 160135
Ion Ratio Lower Upper
93 100
95 30.7 24.3 36.5
123 10.6 8.4 12.6



#29
2,4-Dichlorophenol
Concen: 56.216 ng
RT: 11.37 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion: 162 Resp: 128450
Ion Ratio Lower Upper
162 100
164 69.1 48.0 88.0
98 38.4 21.1 61.1

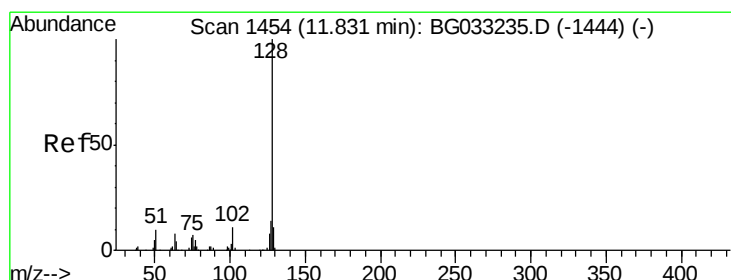
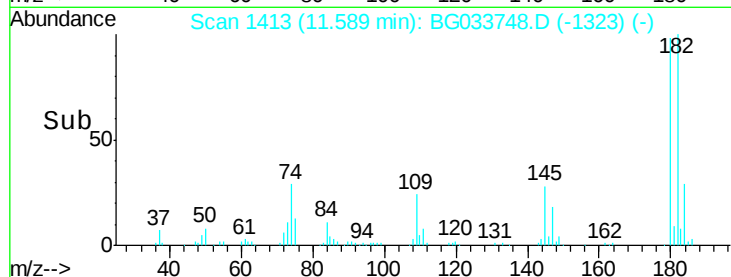
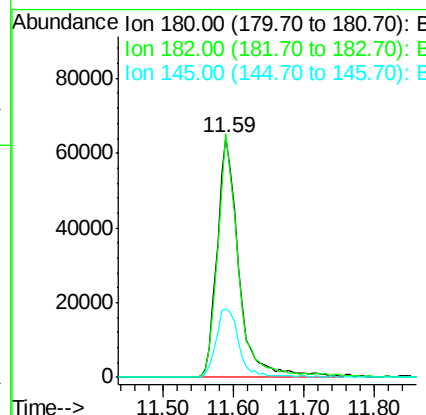
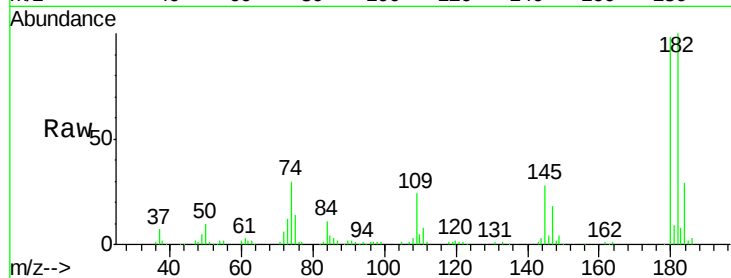




#30
 1,2,4-Trichlorobenzene
 Concen: 46.052 ng
 RT: 11.59 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

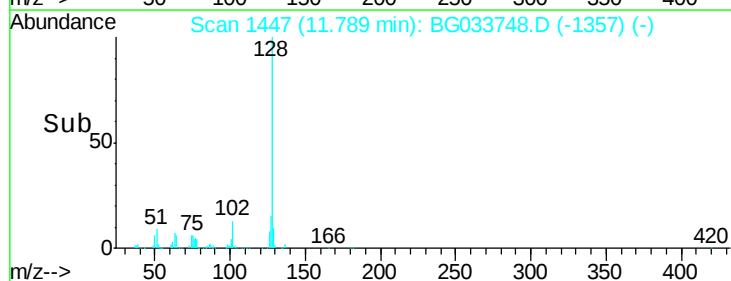
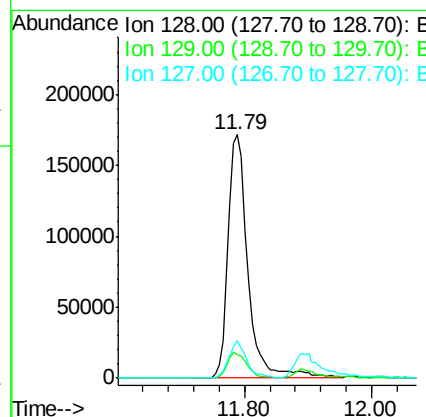
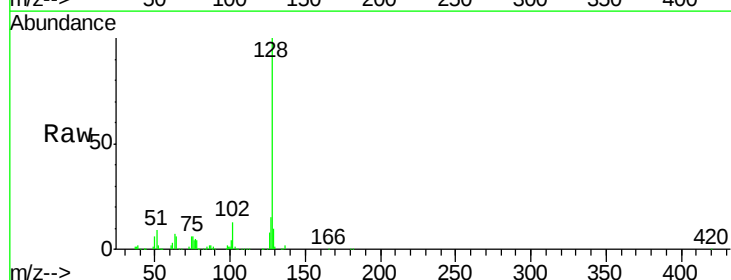
Instrument :
 BNA_G
 ClientSampleId :

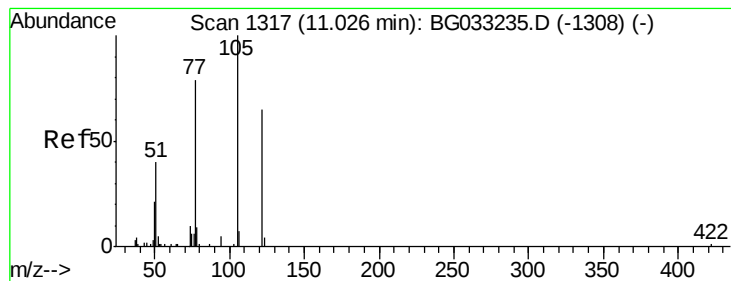
Tot Ion:180 Resp: 136712
 Ion Ratio Lower Upper
 180 100
 182 101.8 77.5 116.3
 145 28.8 23.4 35.2



#31
 Naphthalene
 Concen: 49.377 ng
 RT: 11.79 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Tgt Ion:128 Resp: 371031
 Ion Ratio Lower Upper
 128 100
 129 9.8 8.6 12.8
 127 15.2 11.6 17.4





#32

Benzoic acid

Concen: 30.202 ng

RT: 11.00 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

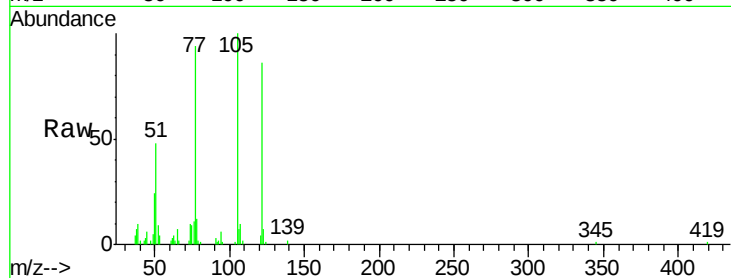
Tot Ion:122 Resp: 52164

Ion Ratio Lower Upper

122 100

105 116.7 123.5 163.5#

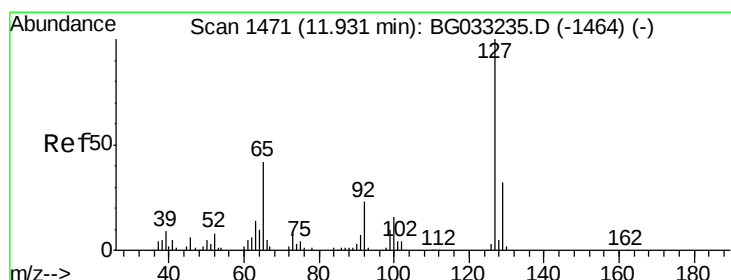
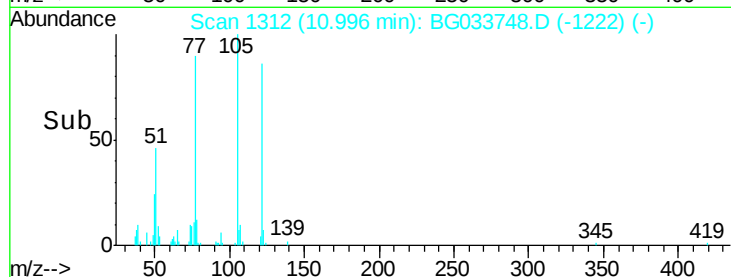
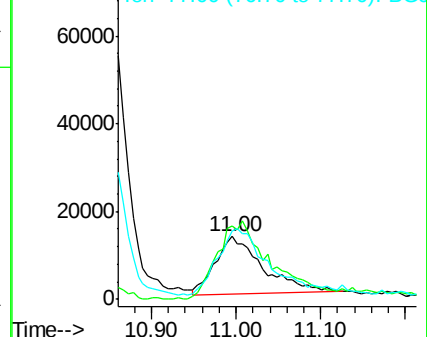
77 109.4 85.7 125.7



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): BGC



#33

4-Chloroaniline

Concen: 14.839 ng

RT: 11.89 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Tgt Ion:127 Resp: 49955

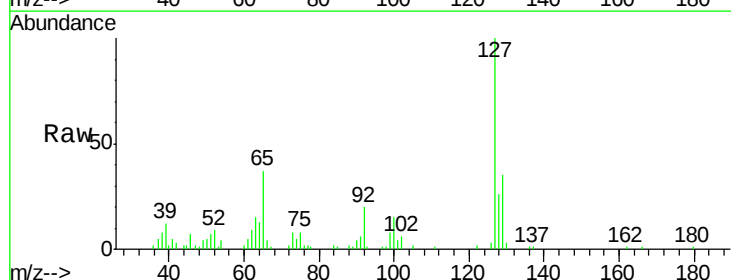
Ion Ratio Lower Upper

127 100

129 35.4 24.0 36.0

65 37.2 27.0 40.4

92 20.3 16.6 25.0

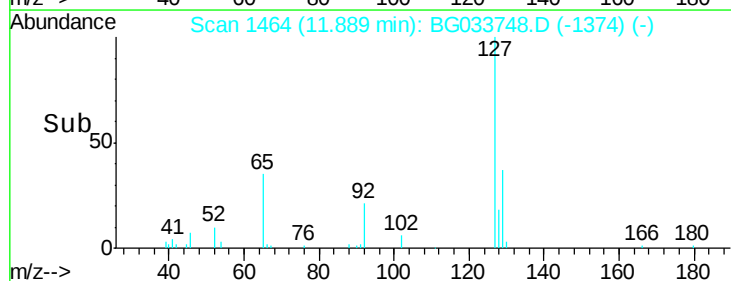
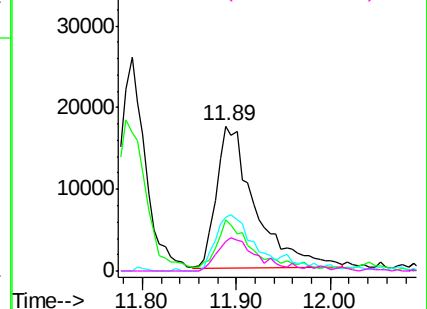


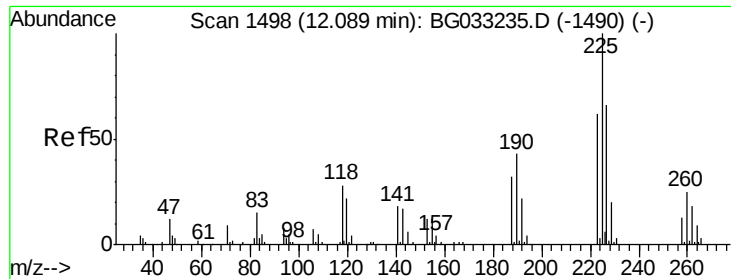
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

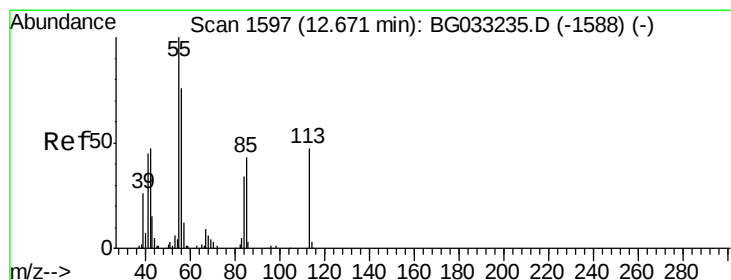
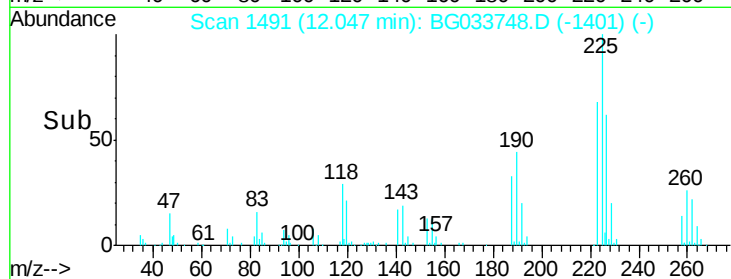
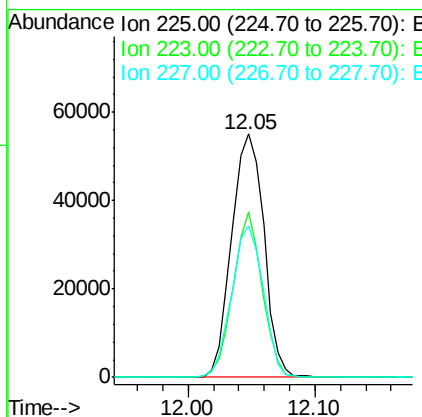
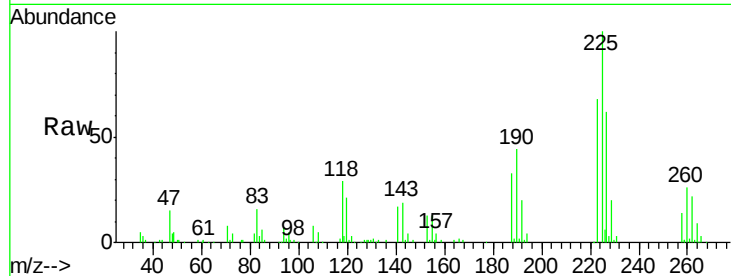




#34
Hexachlorobutadiene
Concen: 43.331 ng
RT: 12.05 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

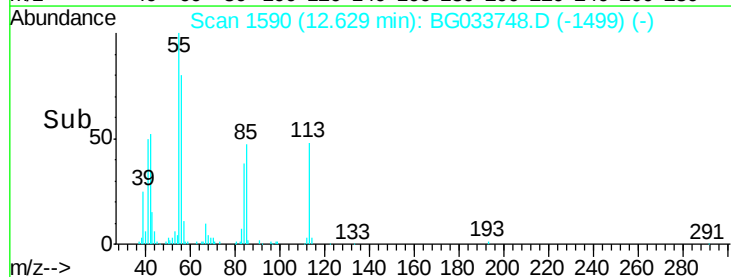
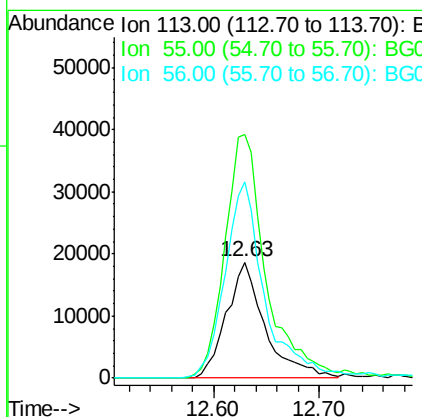
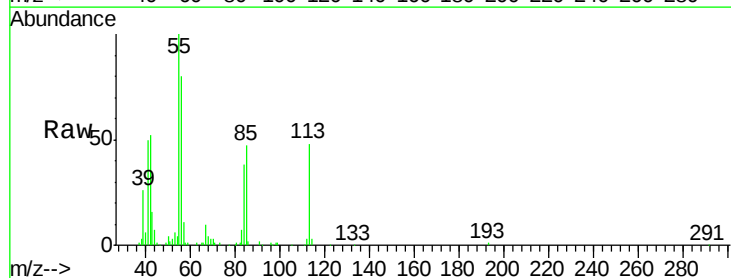
Instrument :
BNA_G
ClientSampleId :

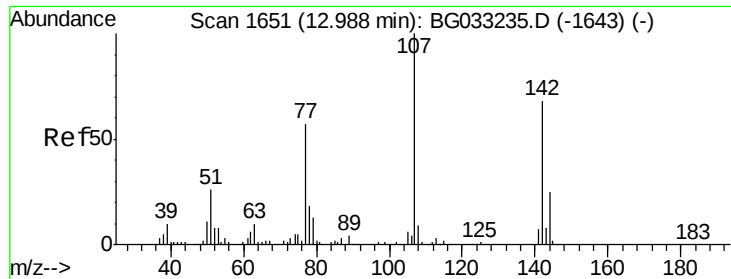
Tot Ion:225 Resp: 97277
Ion Ratio Lower Upper
225 100
223 68.2 49.7 74.5
227 62.2 48.1 72.1



#35
Caprolactam
Concen: 53.076 ng
RT: 12.63 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion:113 Resp: 47511
Ion Ratio Lower Upper
113 100
55 210.1 186.9 226.9
56 168.9 130.9 170.9

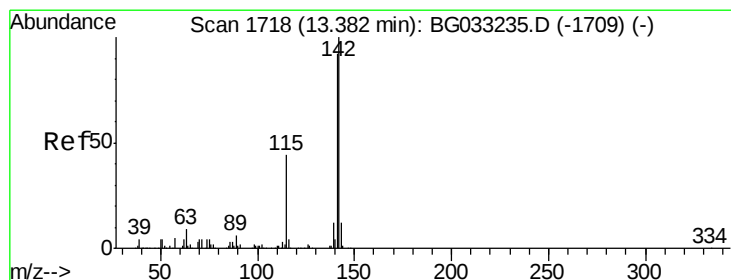
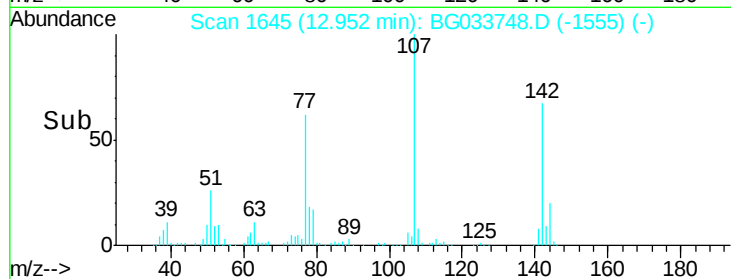
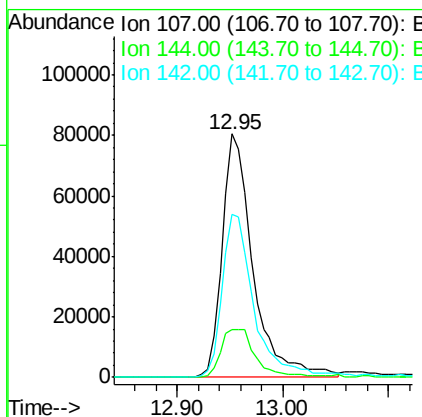
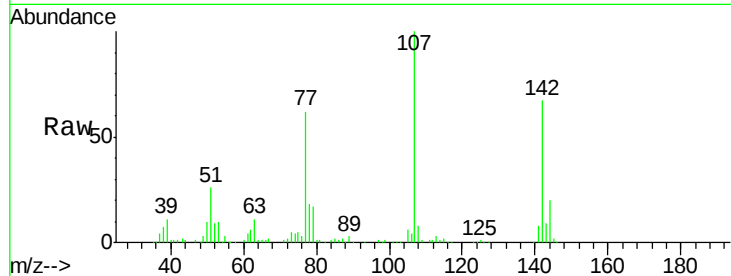




#36
 4-Chloro-3-methylphenol
 Concen: 54.751 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

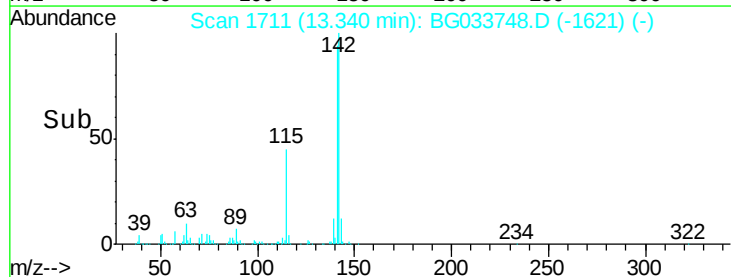
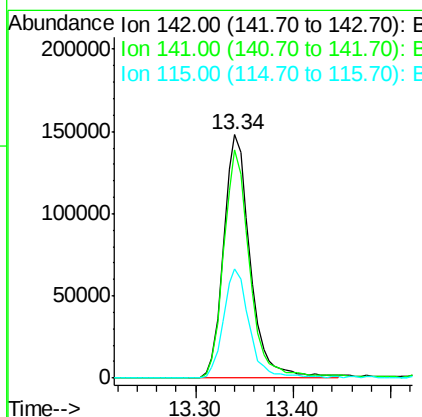
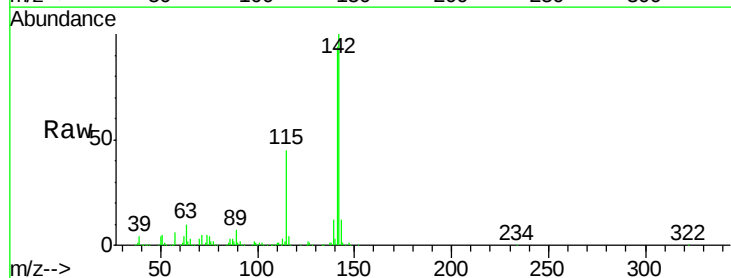
Instrument :
 BNA_G
 ClientSampleId :

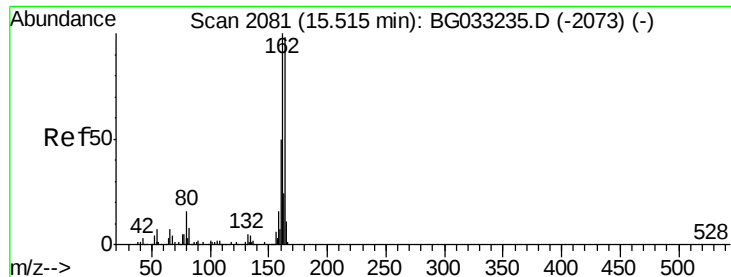
Tot Ion	Ratio	Lower	Upper
107	100		
144	19.6	18.2	27.4
142	67.0	59.0	88.4



#37
 2-Methylnaphthalene
 Concen: 47.718 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	67.1	100.7
115	44.6	30.7	46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

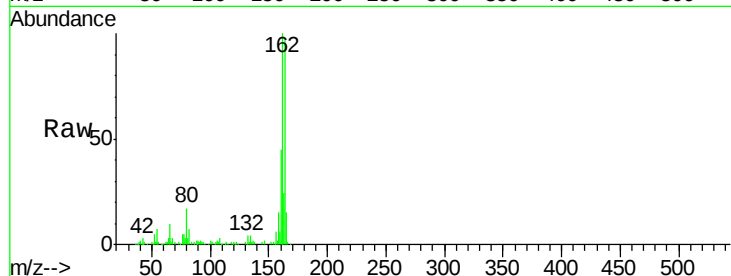
Tot Ion:164 Resp: 111817

Ion Ratio Lower Upper

164 100

162 103.0 78.8 118.2

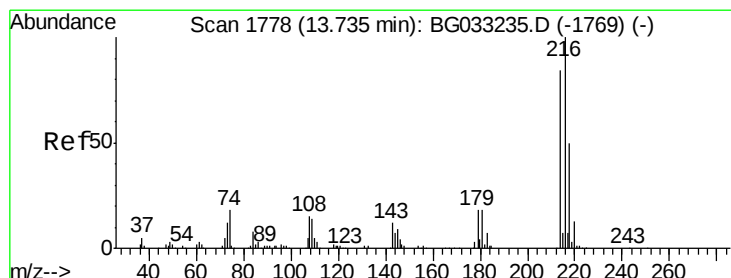
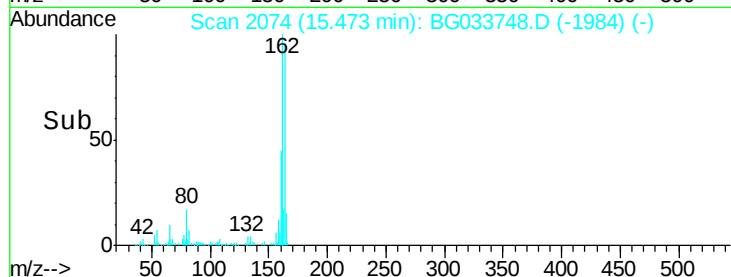
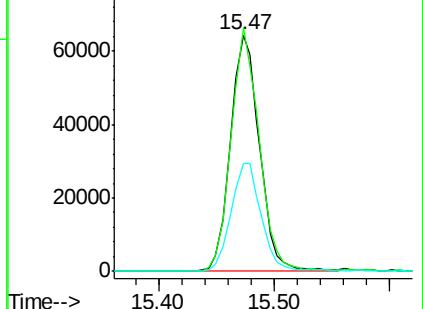
160 45.8 35.4 53.0



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: 43.529 ng

RT: 13.69 min Scan# 1771

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Tgt Ion:216 Resp: 176305

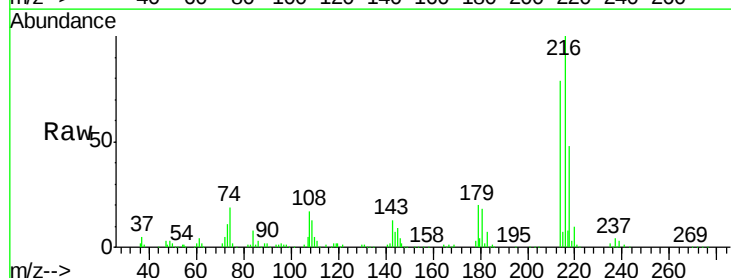
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 20.5 17.0 25.6

108 18.0 12.8 19.2

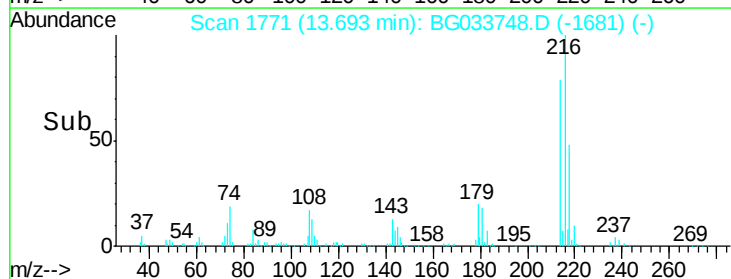
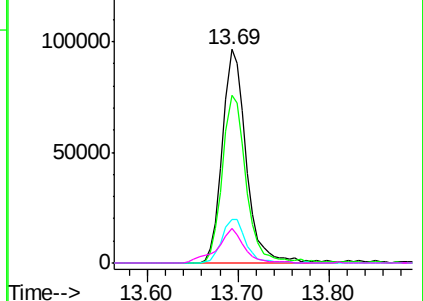


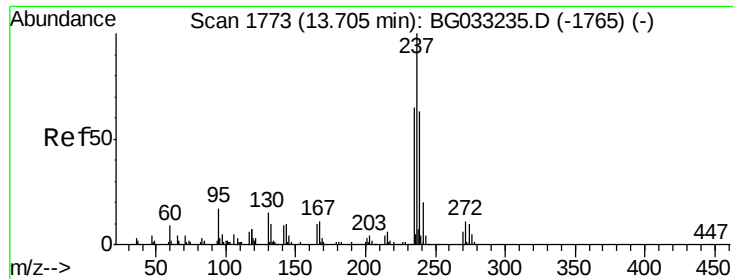
Abundance Ion 216.00 (215.70 to 216.70): E

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

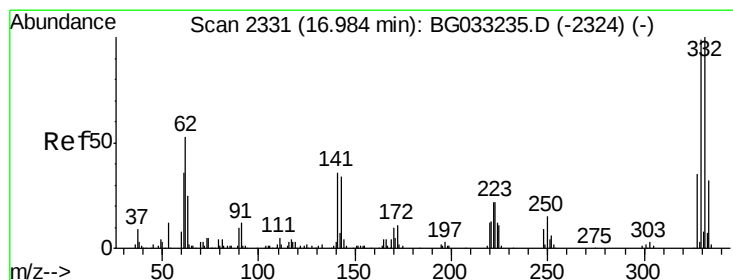
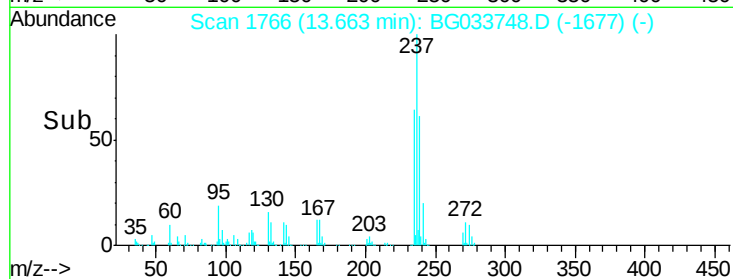
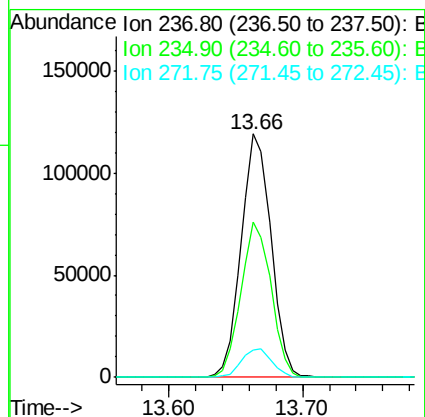
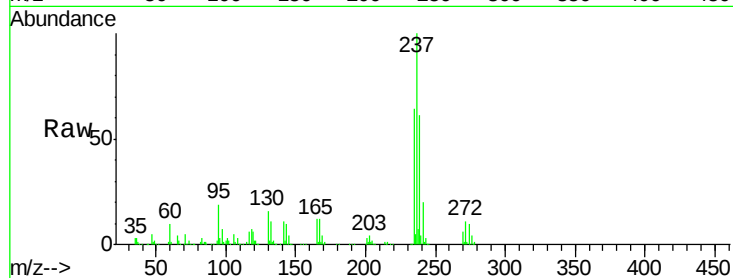




#40
Hexachlorocyclopentadiene
Concen: 77.583 ng
RT: 13.66 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

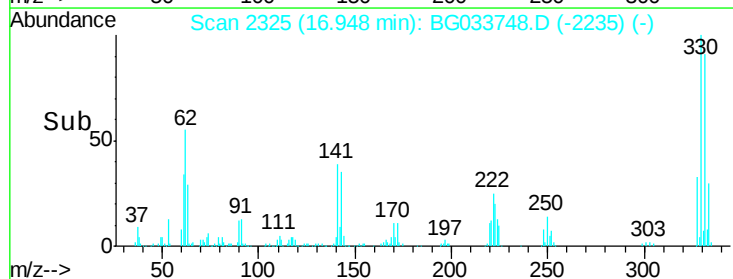
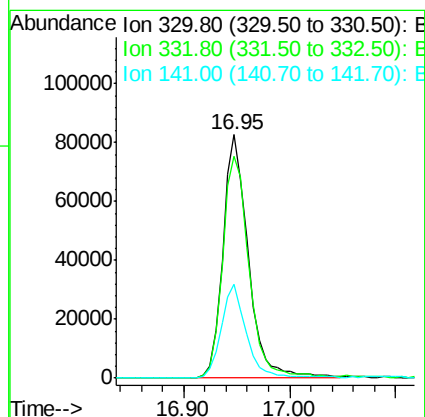
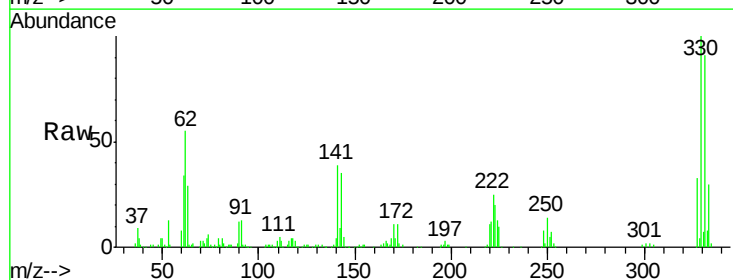
Instrument :
BNA_G
ClientSampleId :

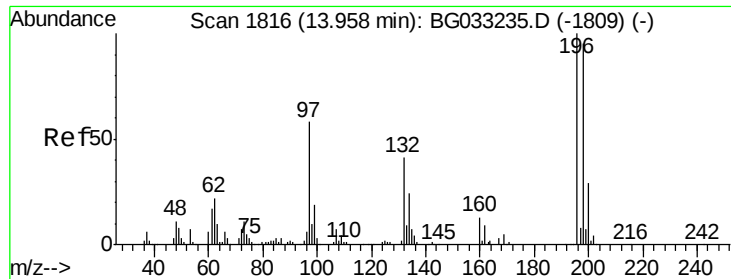
Tot Ion:237 Resp: 184213
Ion Ratio Lower Upper
237 100
235 64.0 50.4 90.4
272 11.4 0.0 31.8



#41
2,4,6-Tribromophenol
Concen: 82.784 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion:330 Resp: 138444
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.6
141 37.6 25.2 37.8

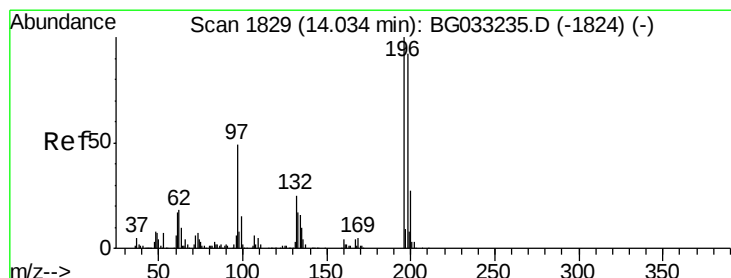
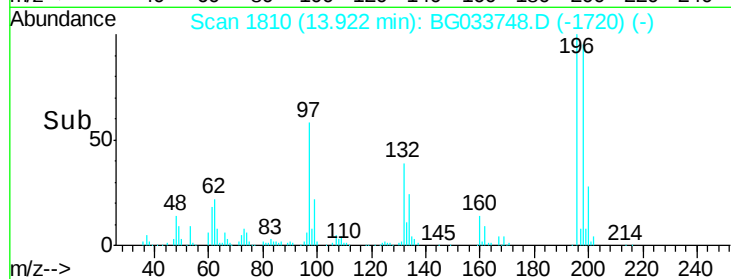
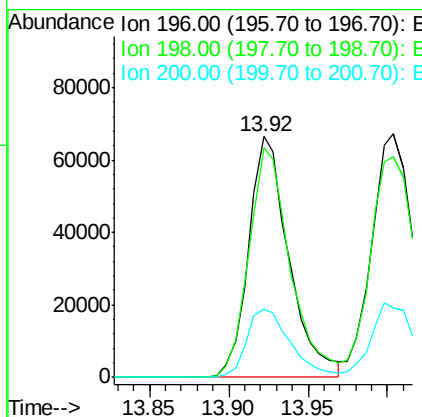
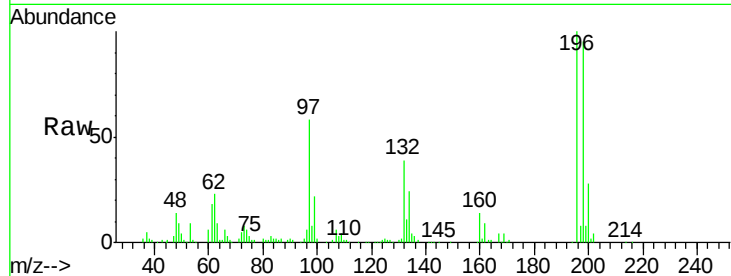




#42
 2,4,6-Trichlorophenol
 Concen: 50.006 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

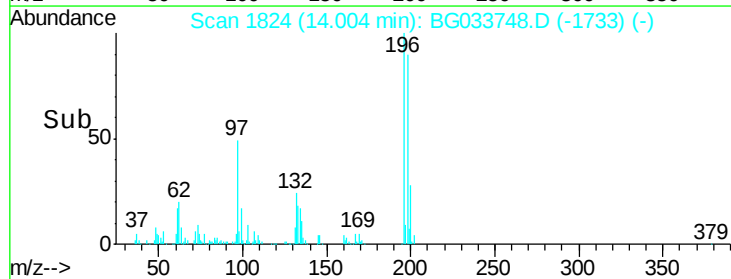
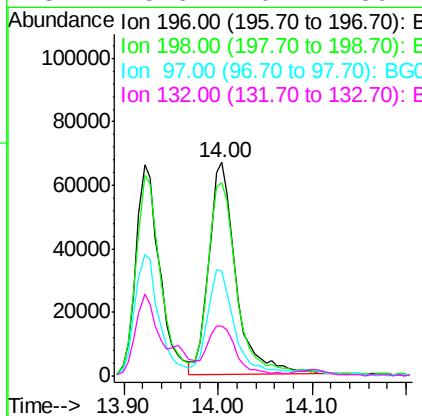
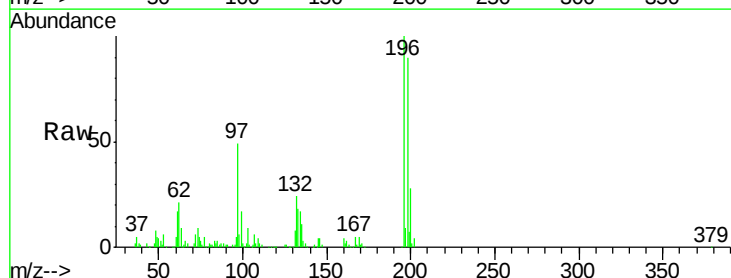
Instrument :
 BNA_G
 ClientSampleId :

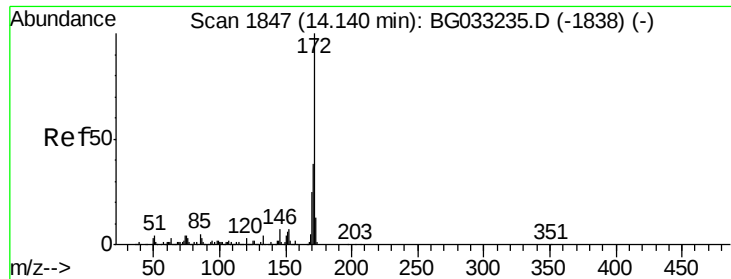
Tot Ion:196 Resp: 117677
 Ion Ratio Lower Upper
 196 100
 198 95.3 78.2 117.2
 200 28.3 24.6 36.8



#43
 2,4,5-Trichlorophenol
 Concen: 49.354 ng
 RT: 14.00 min Scan# 1824
 Delta R.T. 0.01 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Tgt Ion:196 Resp: 137280
 Ion Ratio Lower Upper
 196 100
 198 90.4 76.2 114.4
 97 49.2 38.7 58.1
 132 23.6 20.2 30.2

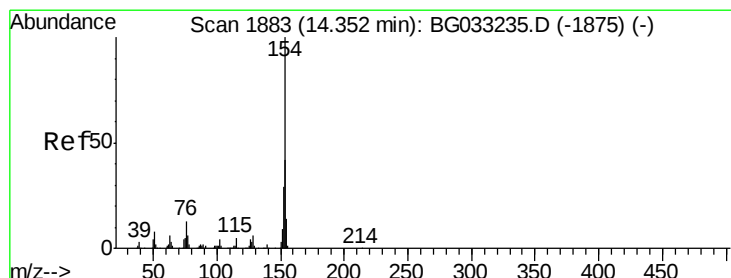
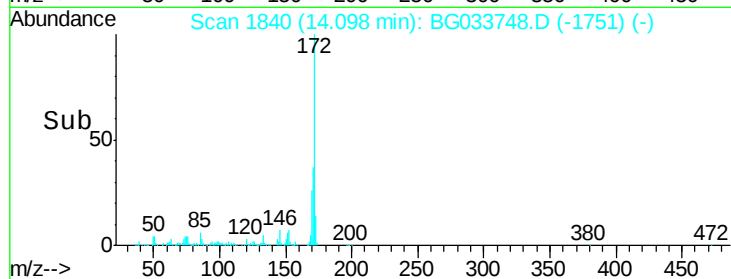
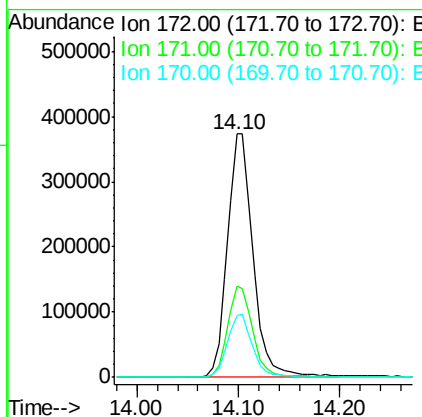
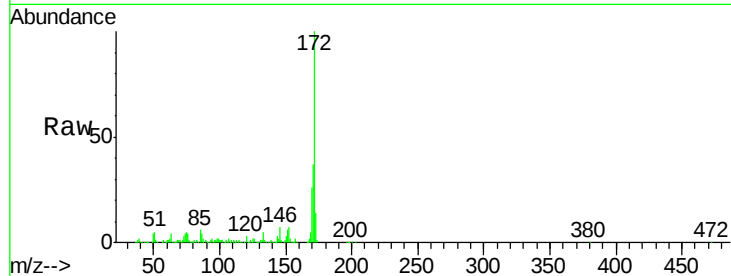




#44
2-Fluorobiphenyl
Concen: 84.697 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

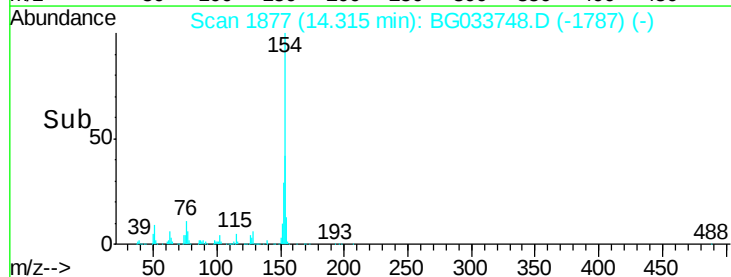
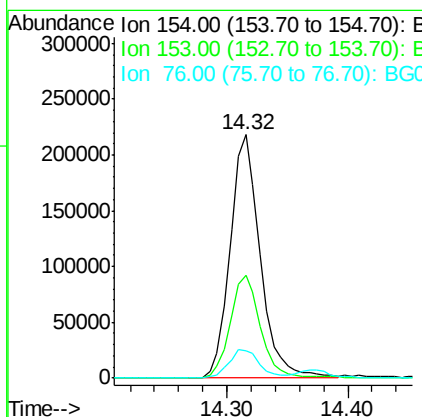
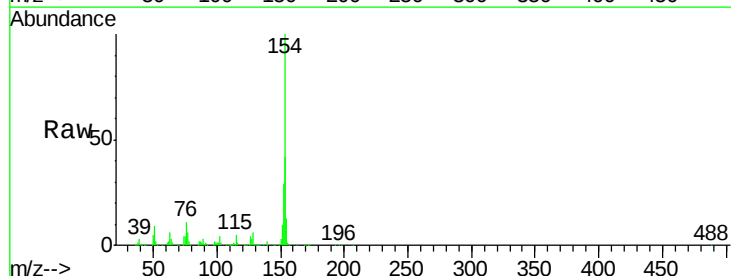
Instrument :
BNA_G
ClientSampleId :

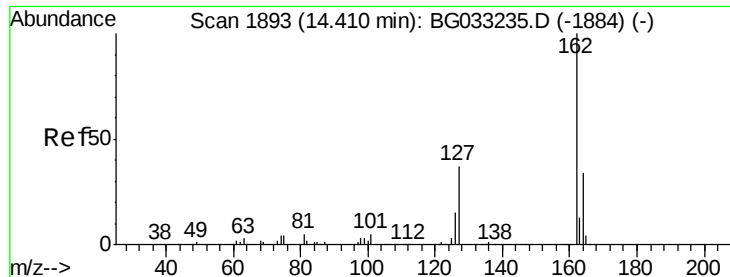
Tot Ion:172 Resp: 656022
Ion Ratio Lower Upper
172 100
171 37.2 30.0 45.0
170 25.5 19.5 29.3



#45
1,1'-Biphenyl
Concen: 43.983 ng
RT: 14.32 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion:154 Resp: 377840
Ion Ratio Lower Upper
154 100
153 42.5 19.8 59.8
76 11.3 0.0 31.9

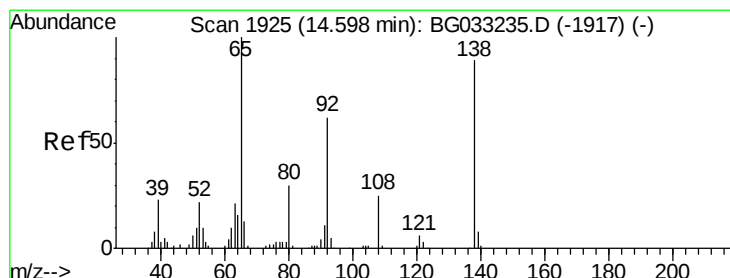
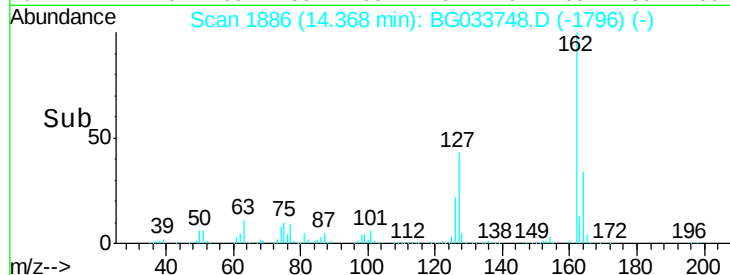
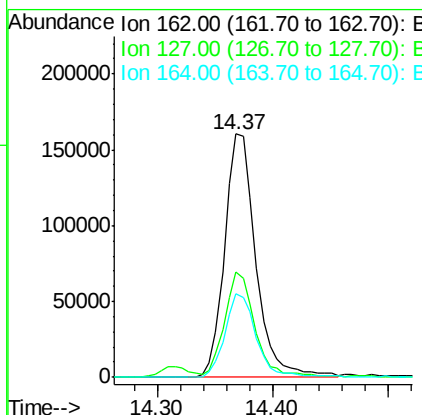
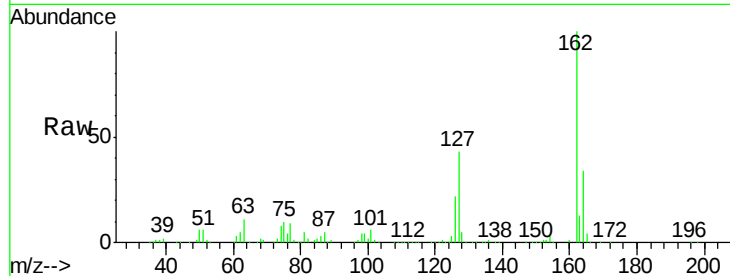




#46
 2-Chloronaphthalene
 Concen: 45.431 ng
 RT: 14.37 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

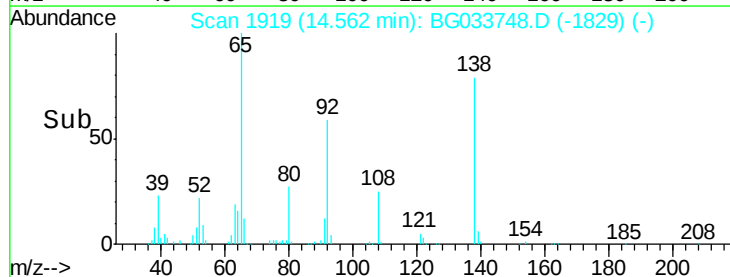
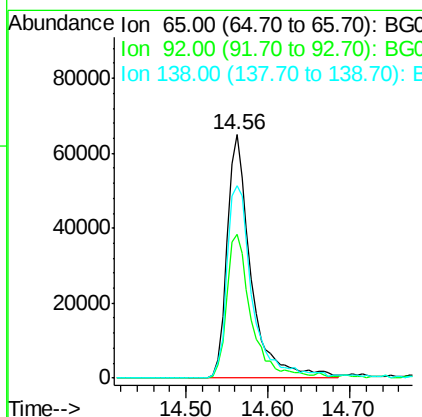
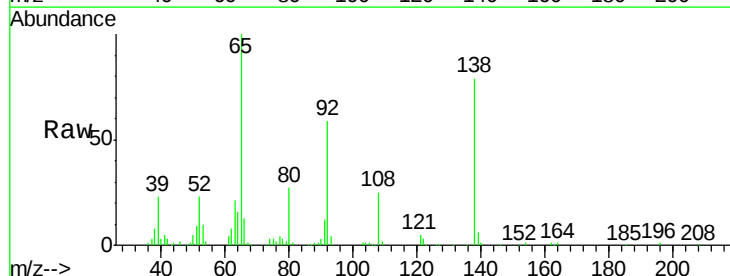
Instrument :
 BNA_G
 ClientSampleId :

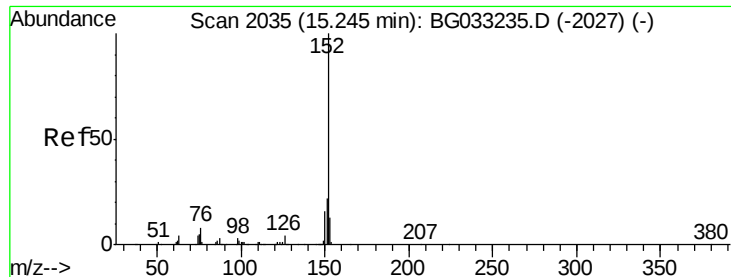
Tot Ion:162 Resp: 300926
 Ion Ratio Lower Upper
 162 100
 127 43.0 30.7 46.1
 164 34.1 26.0 39.0



#47
 2-Nitroaniline
 Concen: 53.080 ng
 RT: 14.56 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Tgt Ion: 65 Resp: 131690
 Ion Ratio Lower Upper
 65 100
 92 59.1 54.6 82.0
 138 78.8 72.9 109.3





#48

Acenaphthylene

Concen: 45.133 ng

RT: 15.20 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

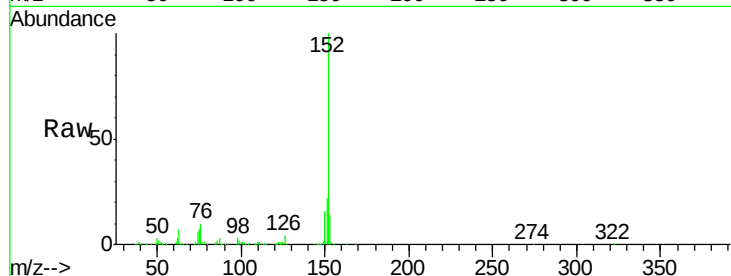
Tot Ion:152 Resp: 499012

Ion Ratio Lower Upper

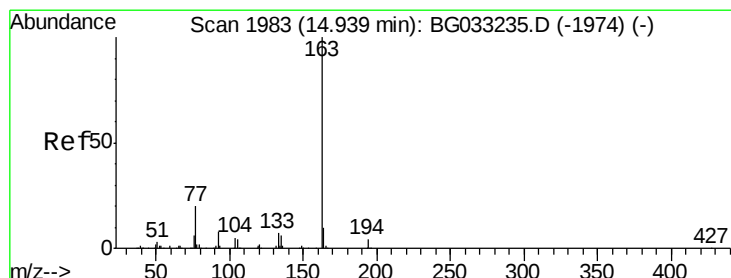
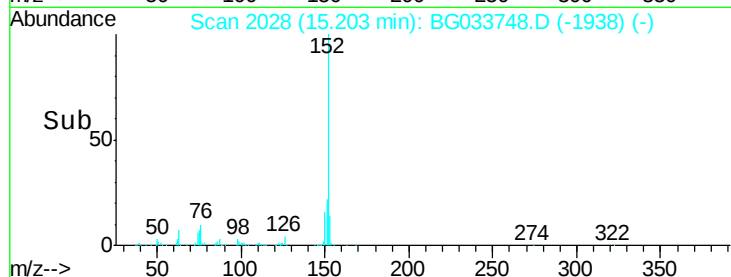
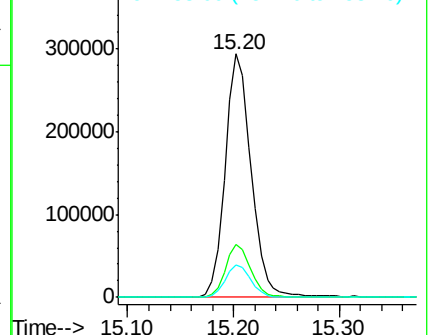
152 100

151 21.7 17.2 25.8

153 13.6 10.2 15.4



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



#49

Dimethylphthalate

Concen: 46.141 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

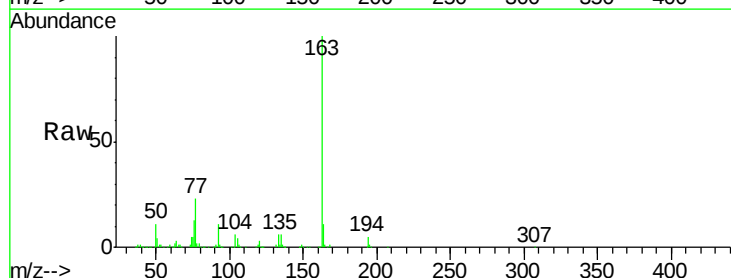
Tgt Ion:163 Resp: 449005

Ion Ratio Lower Upper

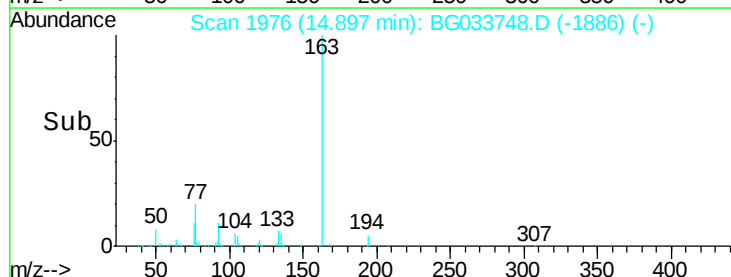
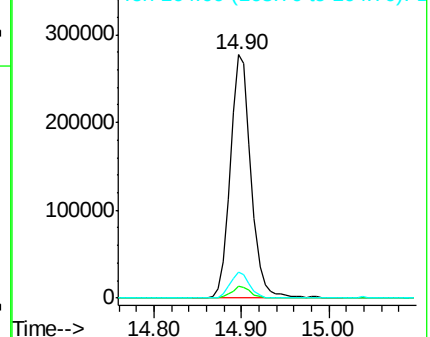
163 100

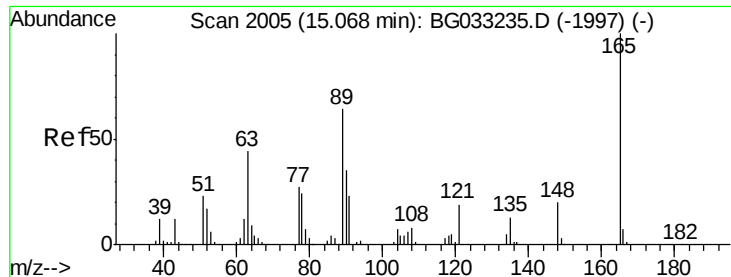
194 4.7 3.4 5.2

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: 50.397 ng

RT: 15.03 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

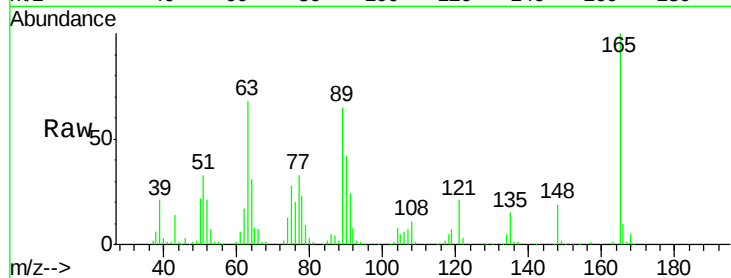
Tot Ion:165 Resp: 100277

Ion Ratio Lower Upper

165 100

63 68.0 52.7 79.1

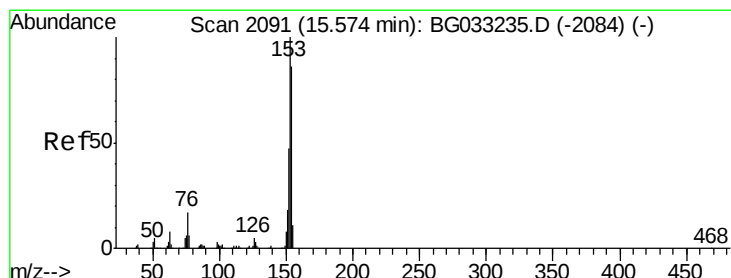
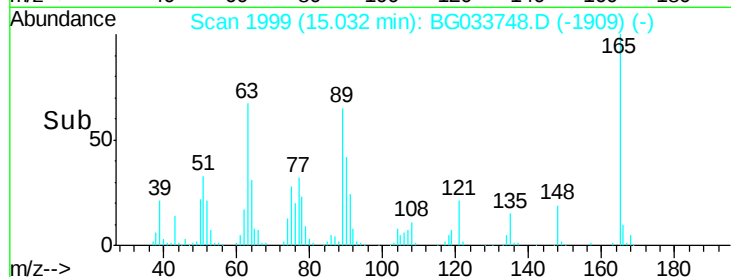
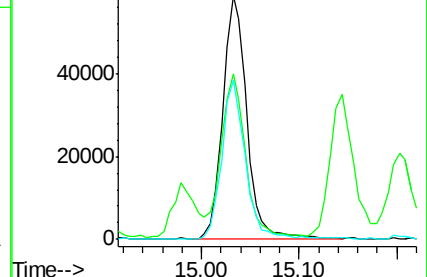
89 65.2 49.2 73.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#51

Acenaphthene

Concen: 53.999 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

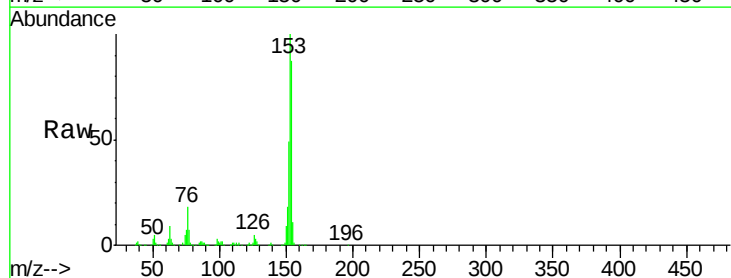
Tgt Ion:154 Resp: 384876

Ion Ratio Lower Upper

154 100

153 115.0 90.4 135.6

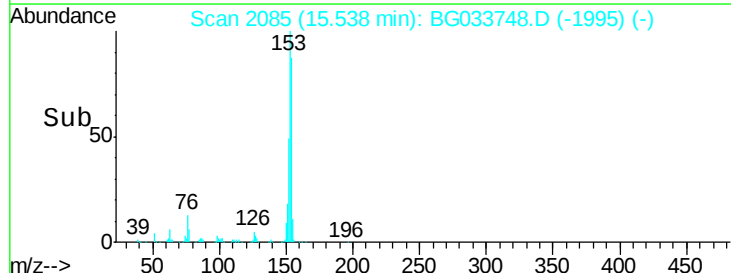
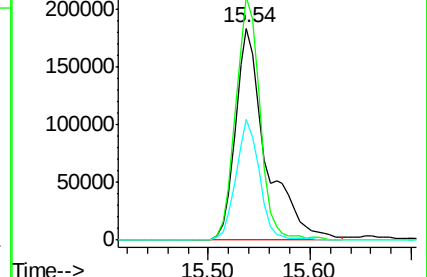
152 56.9 41.6 62.4

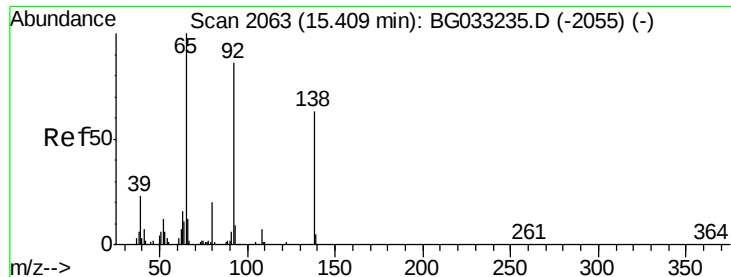


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 30.425 ng

RT: 15.38 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

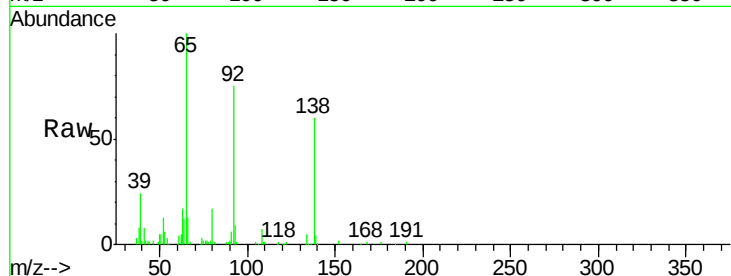
Tot Ion:138 Resp: 63468

Ion Ratio Lower Upper

138 100

108 11.9 17.5 26.3#

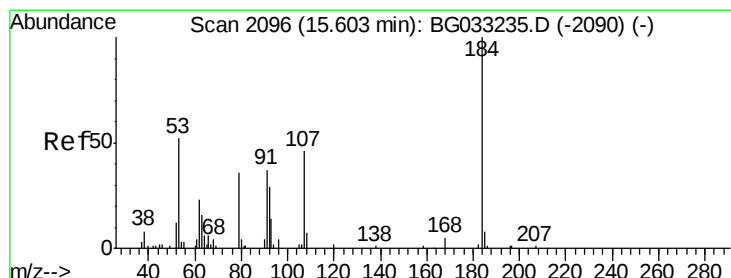
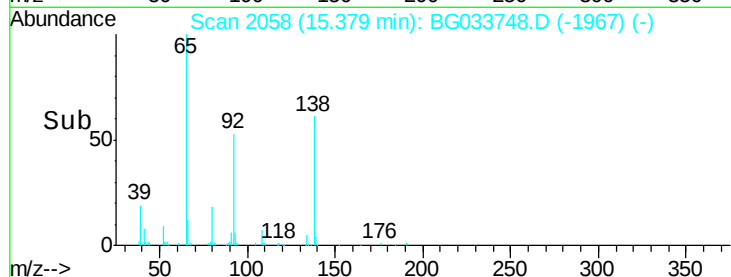
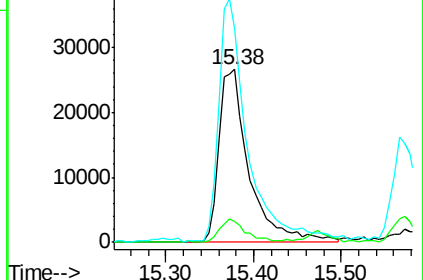
92 124.1 105.8 158.8



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): BGC



#53

2,4-Dinitrophenol

Concen: 107.215 ng

RT: 15.57 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

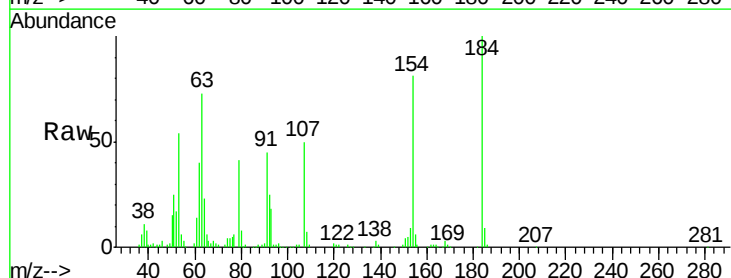
Tgt Ion:184 Resp: 113437

Ion Ratio Lower Upper

184 100

63 73.4 59.8 89.8

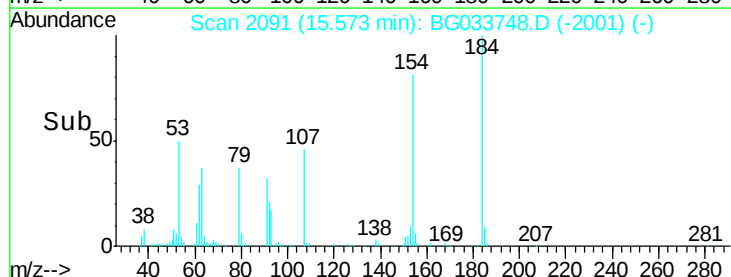
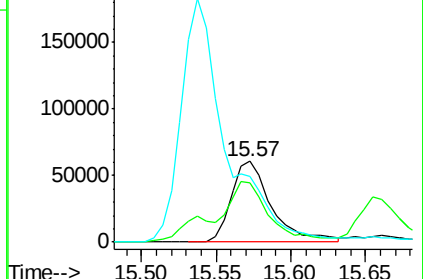
154 81.1 101.8 152.8#

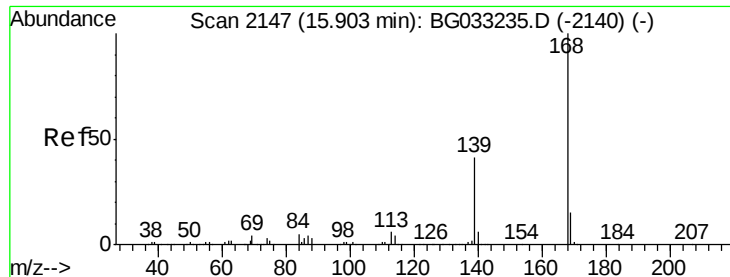


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

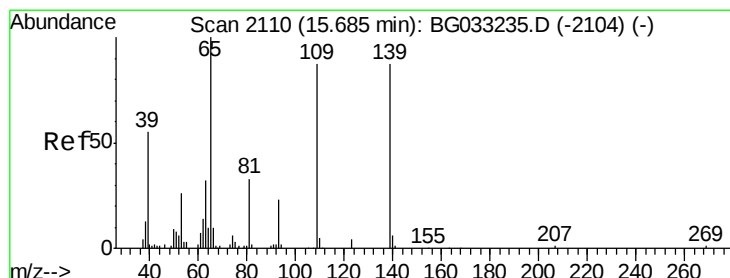
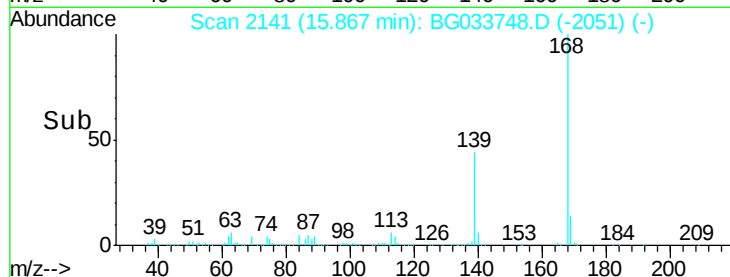
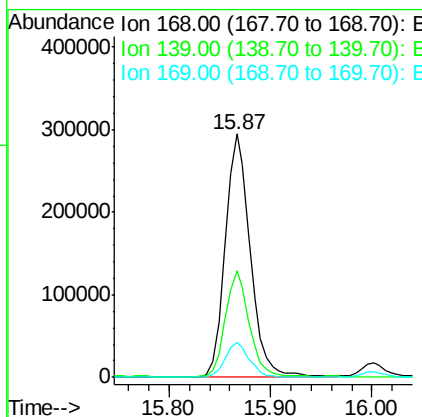
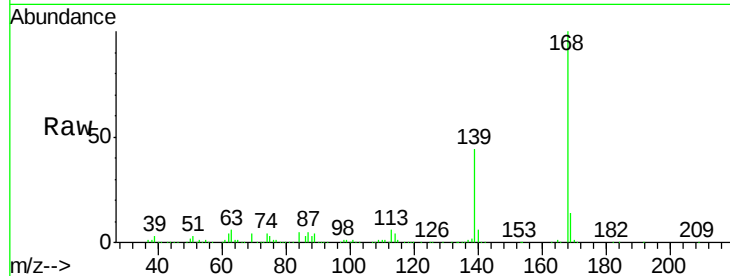




#54
Dibenzofuran
Concen: 47.992 ng
RT: 15.87 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

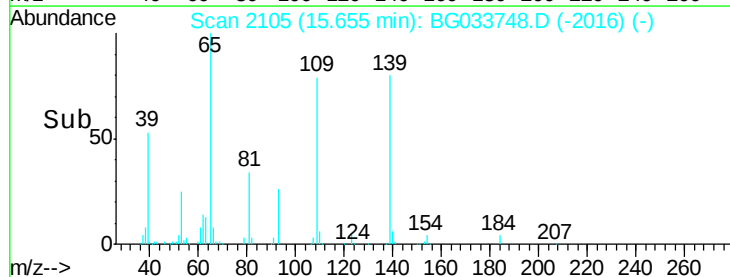
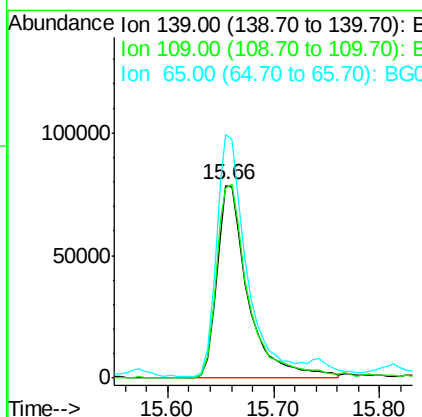
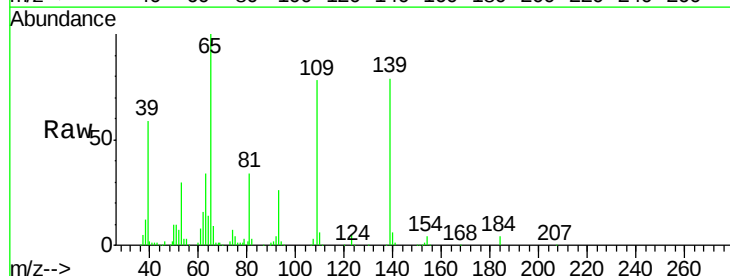
Instrument :
BNA_G
ClientSampleId :

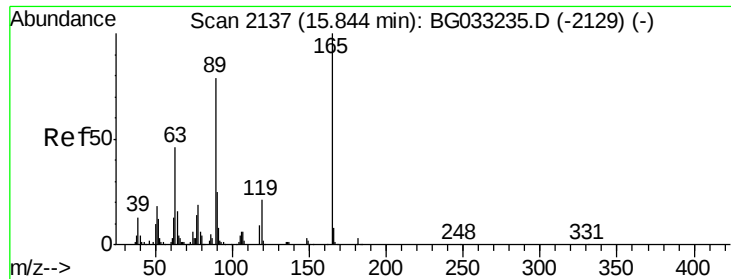
Tot Ion:168 Resp: 505268
Ion Ratio Lower Upper
168 100
139 43.5 28.6 43.0#
169 14.2 11.2 16.8



#55
4-Nitrophenol
Concen: 110.359 ng
RT: 15.66 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion:139 Resp: 161880
Ion Ratio Lower Upper
139 100
109 98.9 62.2 102.2
65 126.4 97.2 137.2

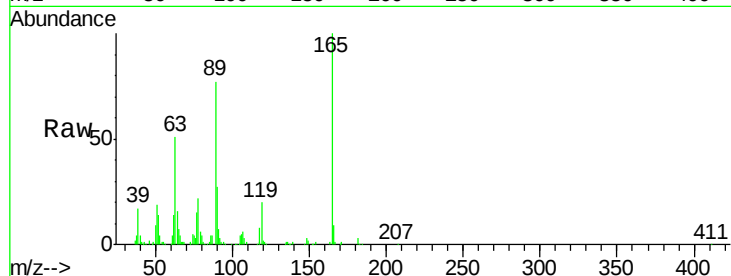




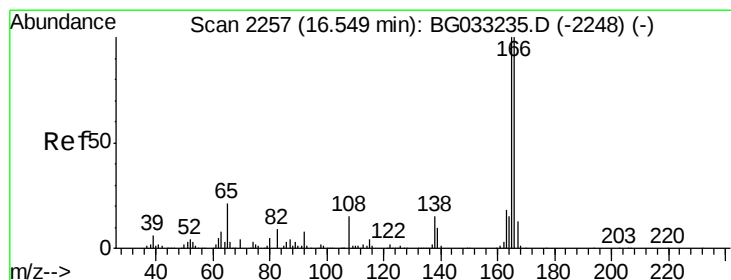
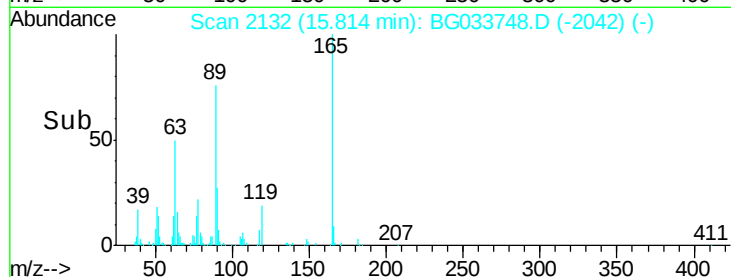
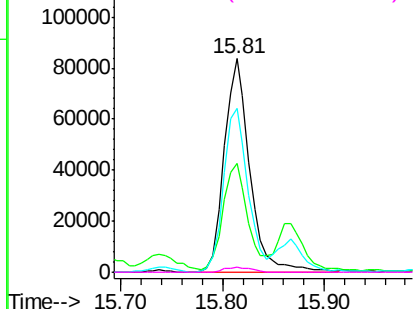
#56
2,4-Dinitrotoluene
Concen: 49.992 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 146461
Ion Ratio Lower Upper
165 100
63 50.9 42.0 63.0
89 76.6 66.9 100.3
182 2.6 2.6 3.8

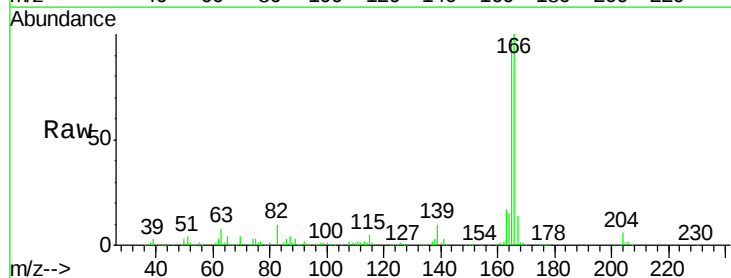


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

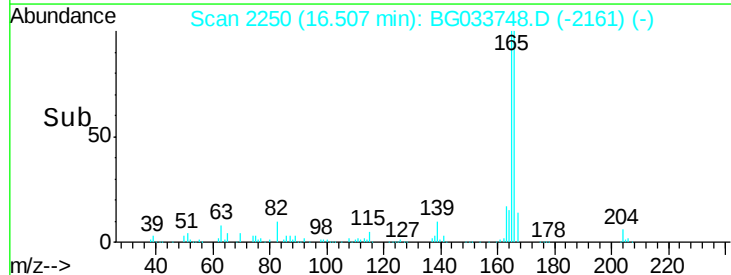
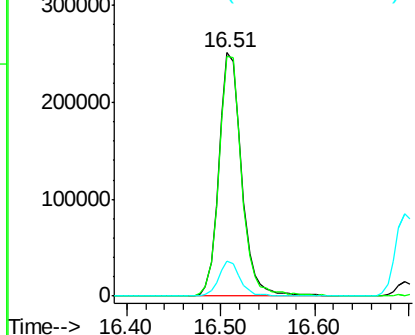


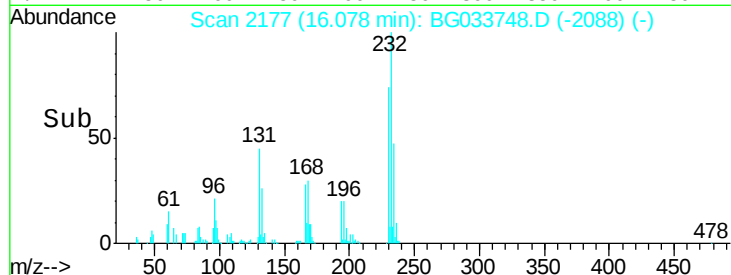
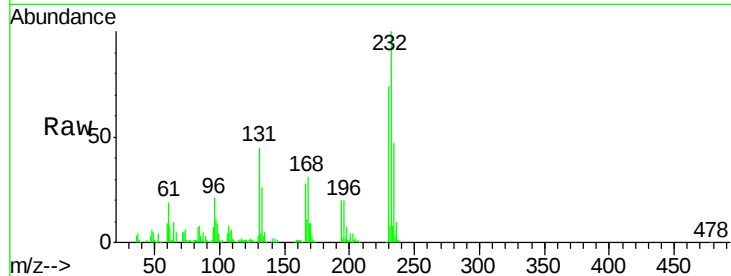
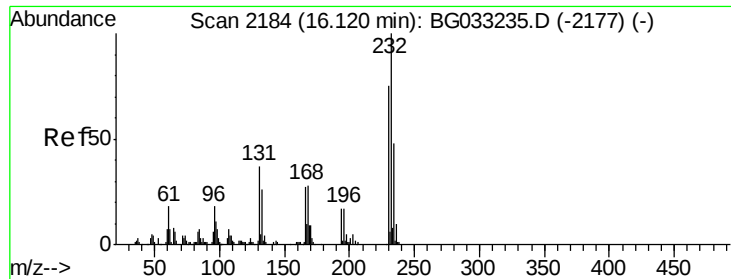
#57
Fluorene
Concen: 47.355 ng
RT: 16.51 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion:166 Resp: 424733
Ion Ratio Lower Upper
166 100
165 98.3 80.6 121.0
167 14.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

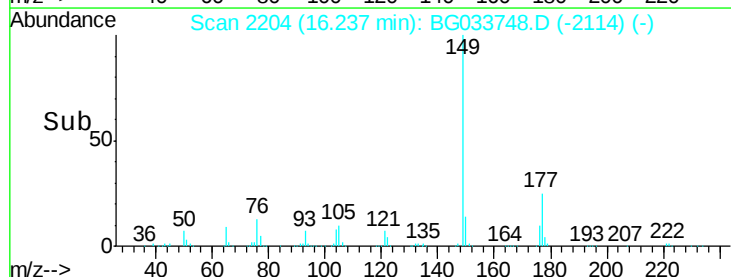
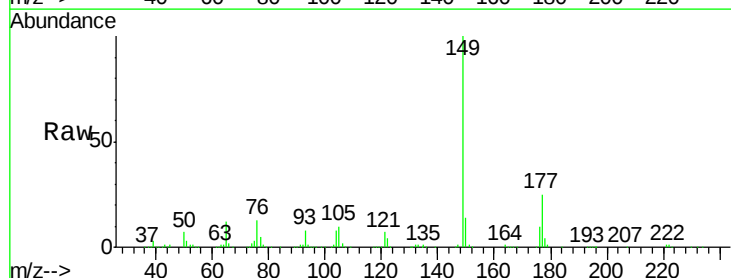
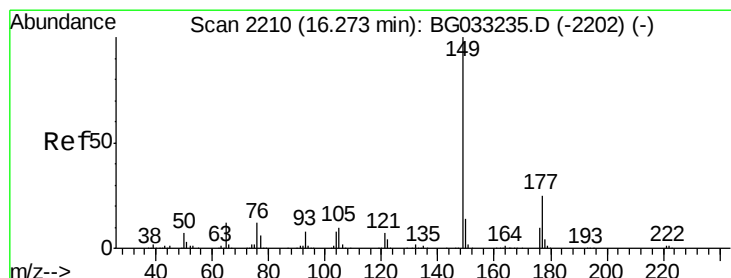
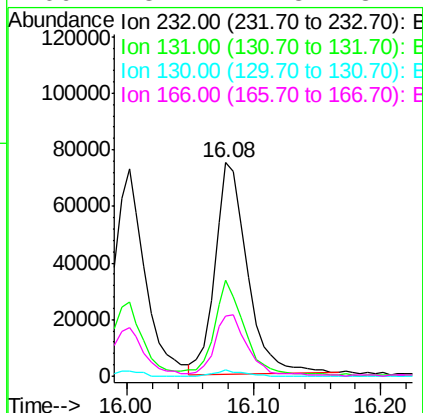




#58
2,3,4,6-Tetrachlorophenol
Concen: 50.731 ng
RT: 16.08 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

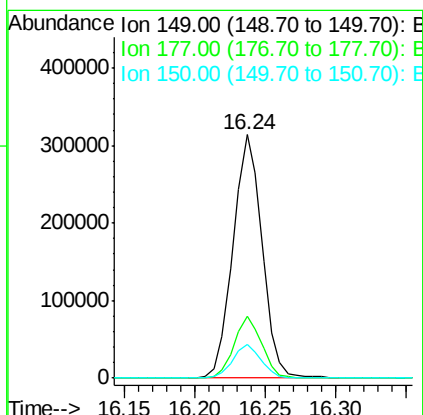
Instrument :
BNA_G
ClientSampleId :

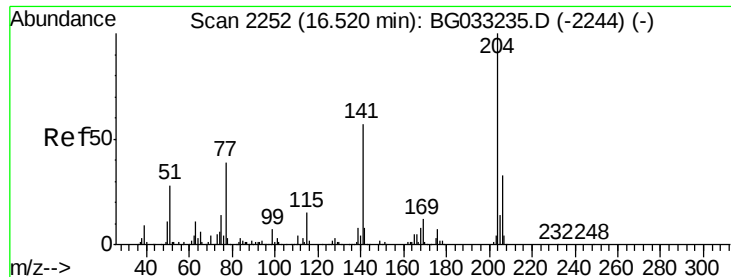
Tot Ion:232	Resp:	132842
Ion Ratio	Lower	Upper
232	100	
131	42.1	33.5 50.3
130	2.5	2.2 3.2
166	28.4	24.8 37.2



#59
Diethylphthalate
Concen: 47.622 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion:149	Resp:	449988
Ion Ratio	Lower	Upper
149	100	
177	25.4	18.5 27.7
150	13.8	10.2 15.2

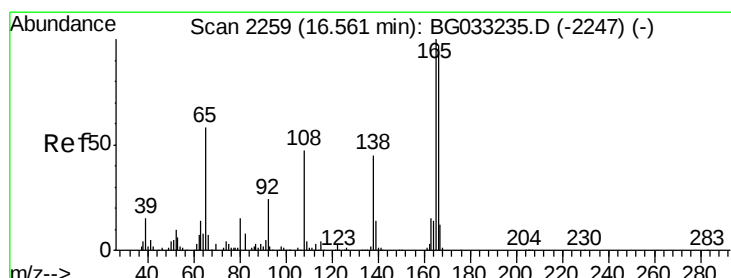
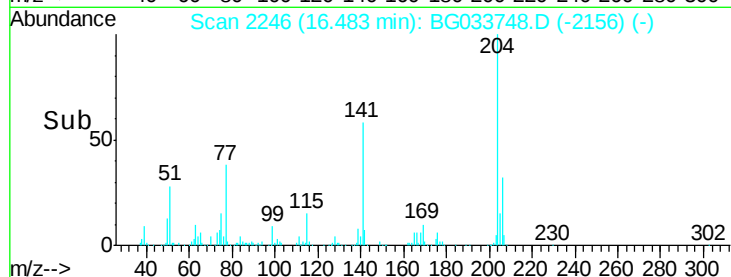
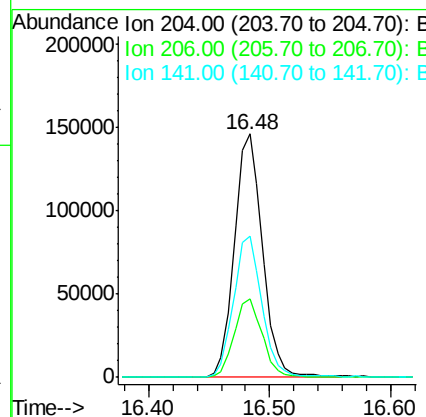
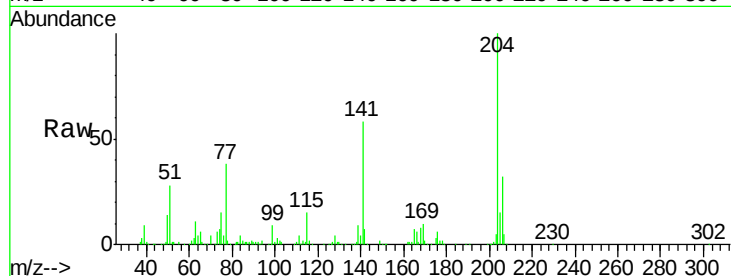




#60
4-Chlorophenyl-phenylether
Concen: 45.954 ng
RT: 16.48 min Scan# 2246
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

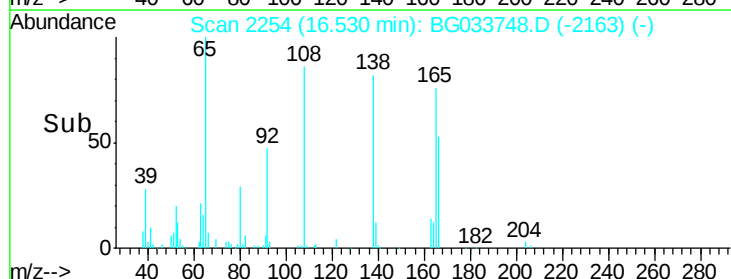
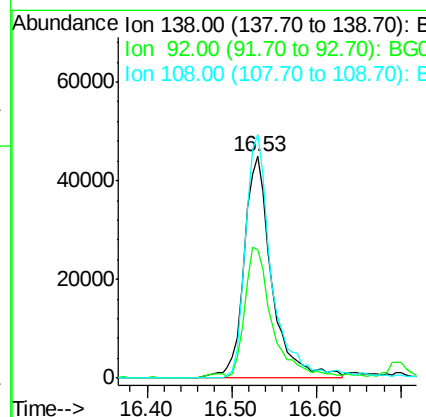
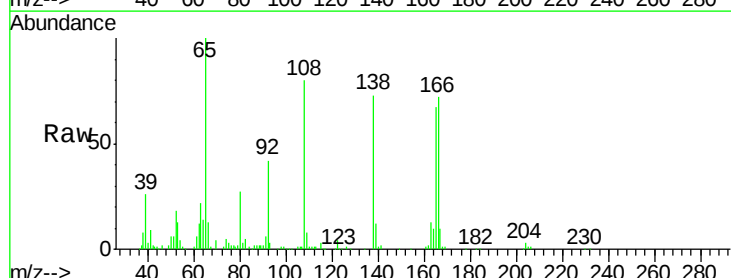
Instrument :
BNA_G
ClientSampled :

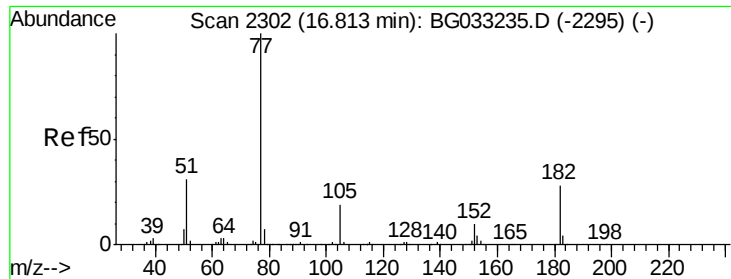
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.2	39.2
141	58.1	45.8	68.6



#61
4-Nitroaniline
Concen: 48.215 ng
RT: 16.53 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.8	40.1	80.1
108	109.8	65.4	105.4





#62

Azobenzene

Concen: 48.564 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 444525

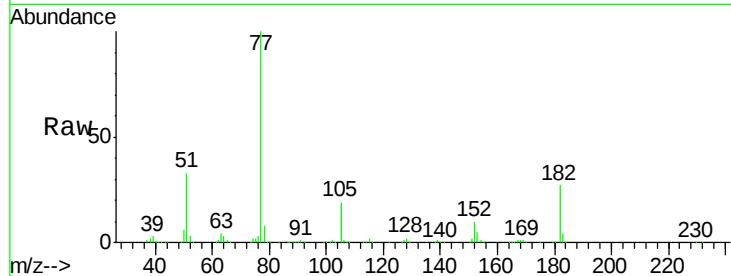
Ion Ratio Lower Upper

77 100

182 26.6 7.4 47.4

105 19.1 0.3 40.3

51 33.2 11.6 51.6

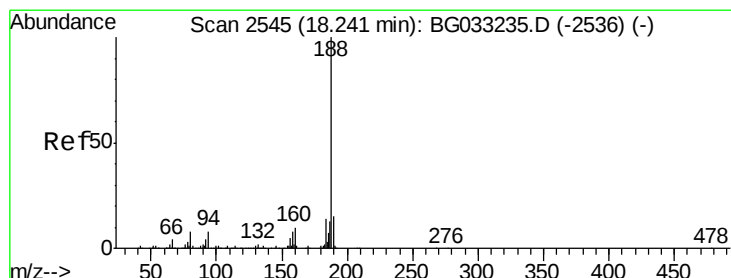
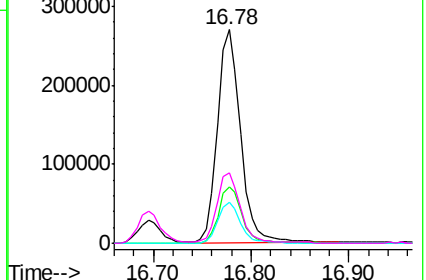
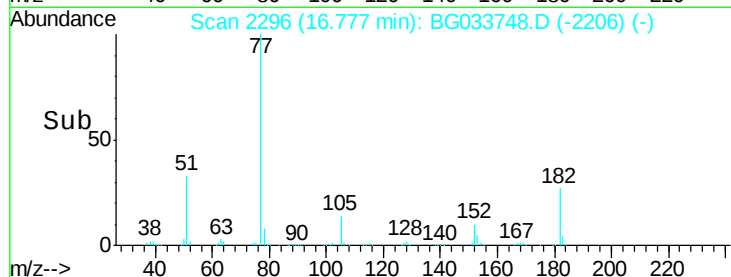


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.20 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

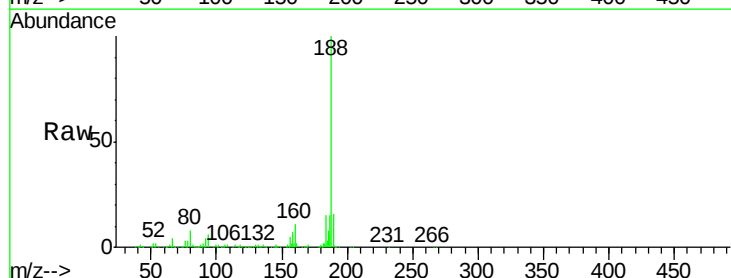
Tgt Ion: 188 Resp: 296213

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

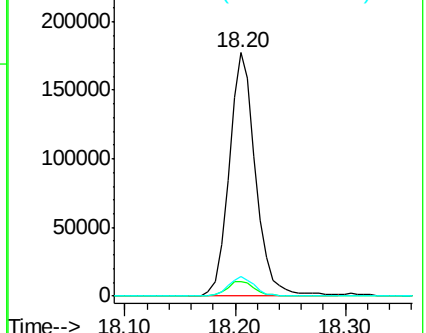
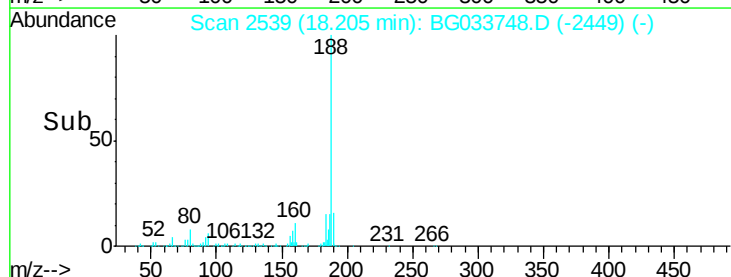
80 7.9 7.7 11.5

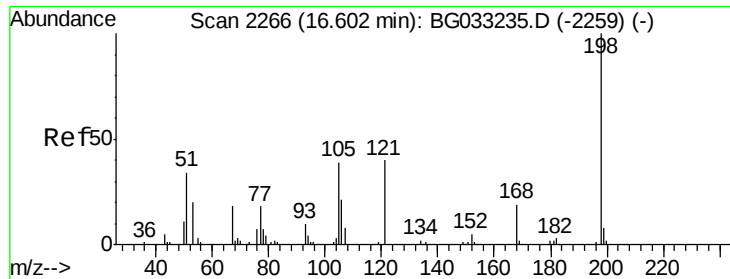


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

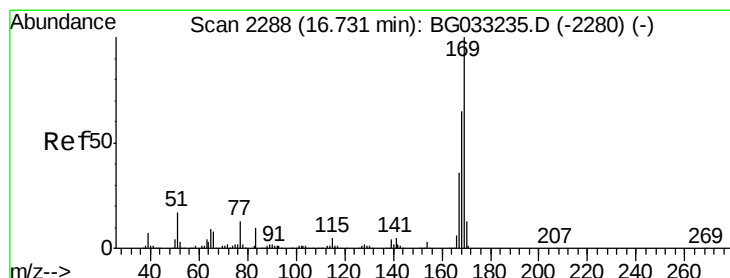
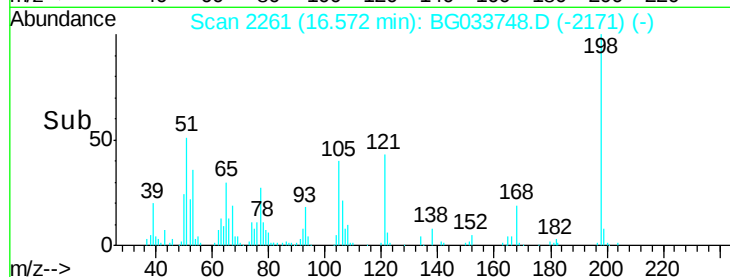
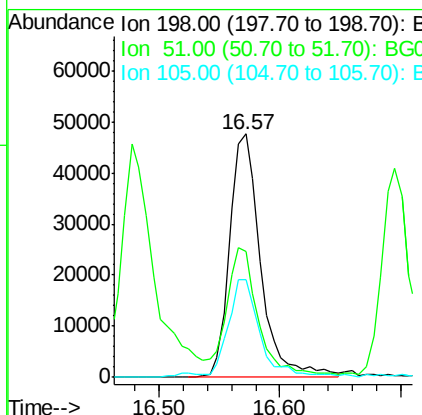
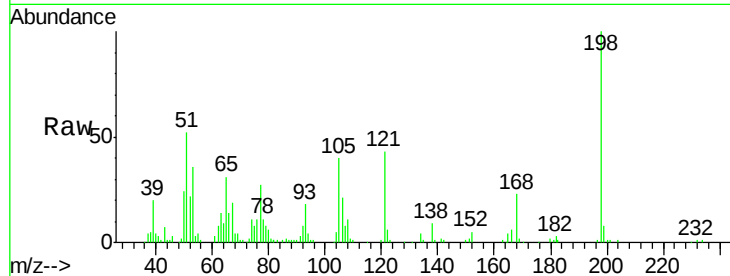




#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.953 ng
 RT: 16.57 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

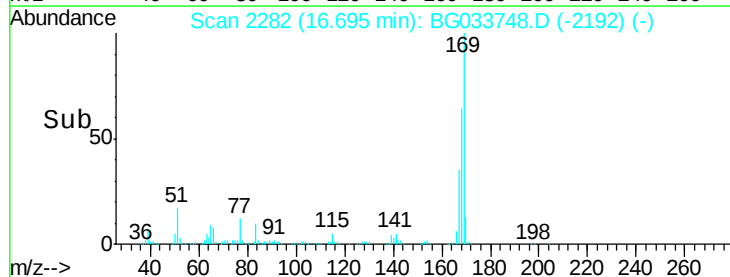
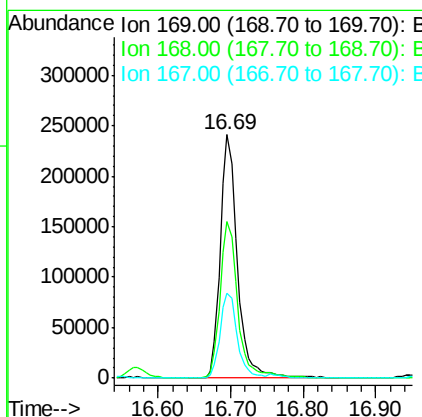
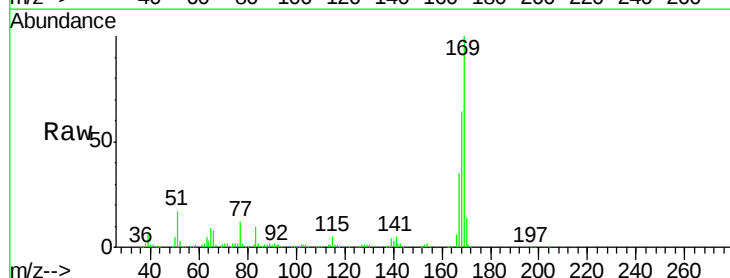
Instrument :
 BNA_G
 ClientSampleId :

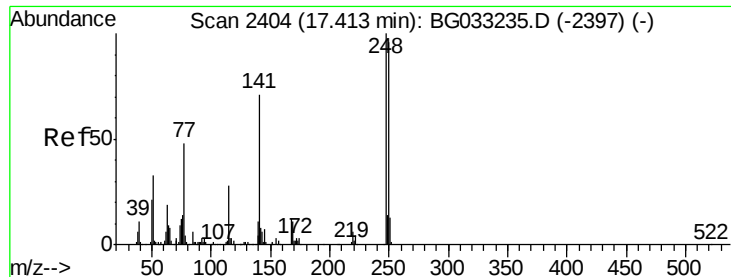
Tot Ion:198 Resp: 84974
 Ion Ratio Lower Upper
 198 100
 51 51.6 30.6 70.6
 105 40.2 23.8 63.8



#65
 n-Nitrosodiphenylamine
 Concen: 46.903 ng
 RT: 16.69 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Tgt Ion:169 Resp: 396630
 Ion Ratio Lower Upper
 169 100
 168 64.1 55.7 83.5
 167 35.0 30.1 45.1

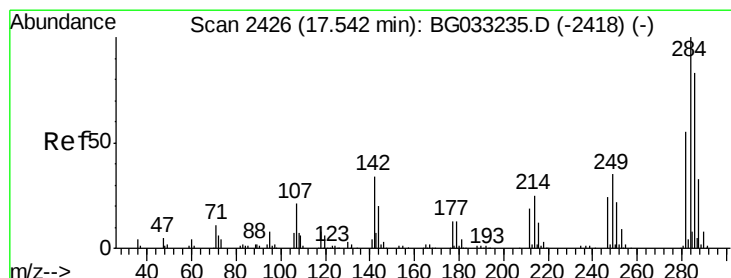
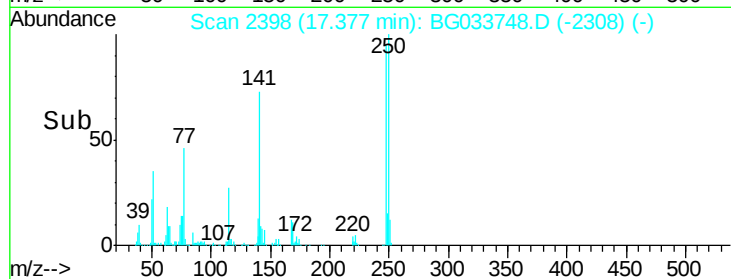
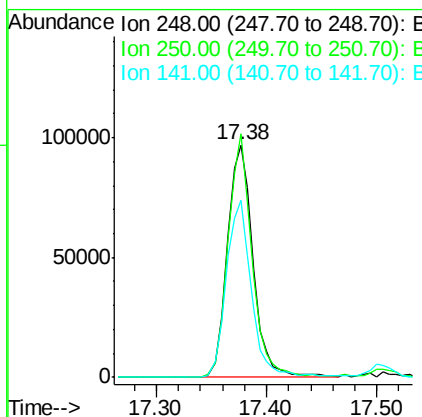
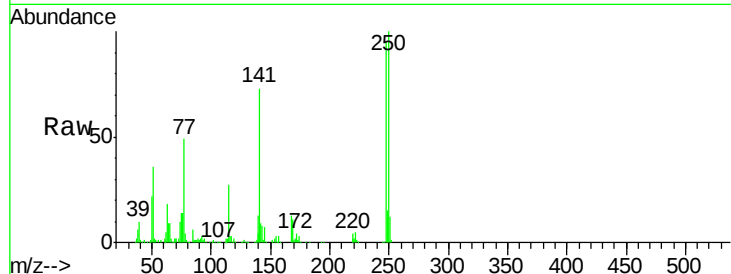




#66
4-Bromophenyl-phenylether
Concen: 45.537 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

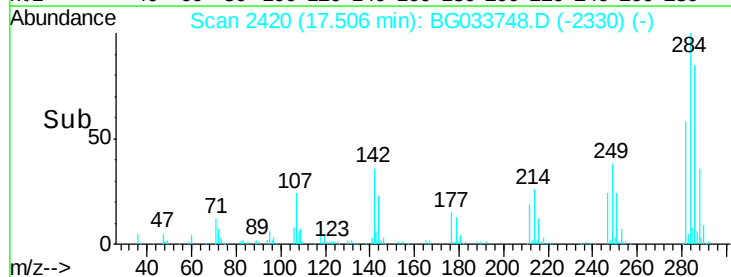
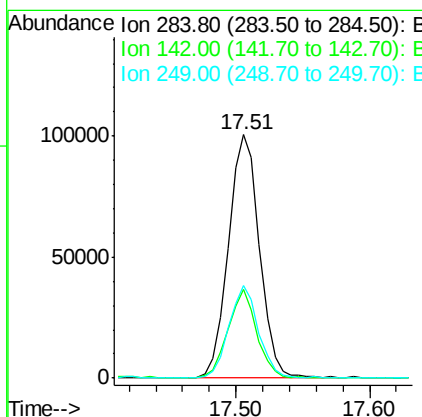
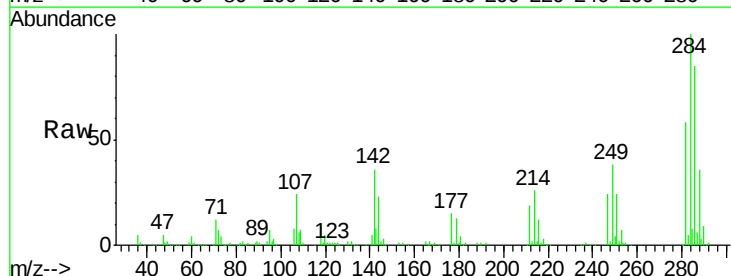
Instrument :
BNA_G
ClientSampleId :

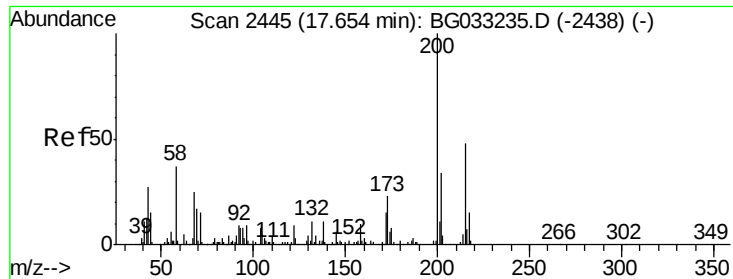
Tot Ion:248 Resp: 158411
Ion Ratio Lower Upper
248 100
250 104.8 77.1 115.7
141 76.2 50.8 76.2#



#67
Hexachlorobenzene
Concen: 44.433 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion:284 Resp: 163128
Ion Ratio Lower Upper
284 100
142 36.5 26.8 40.2
249 38.0 26.3 39.5

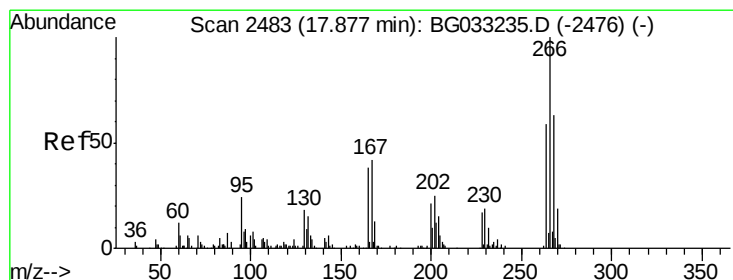
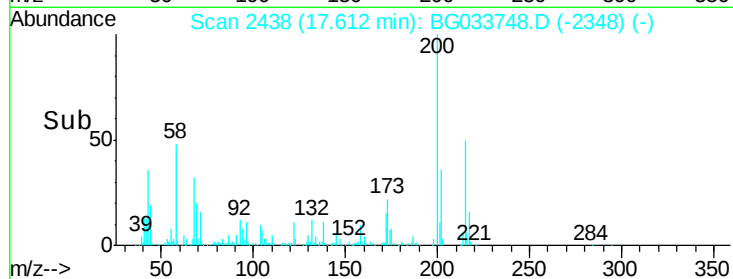
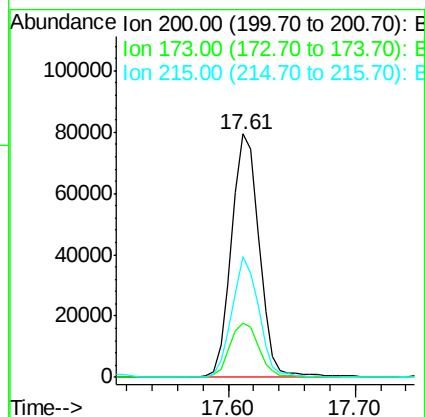
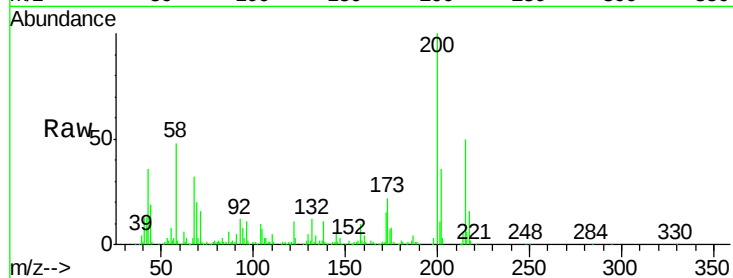




#68
Atrazine
Concen: 35.092 ng
RT: 17.61 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

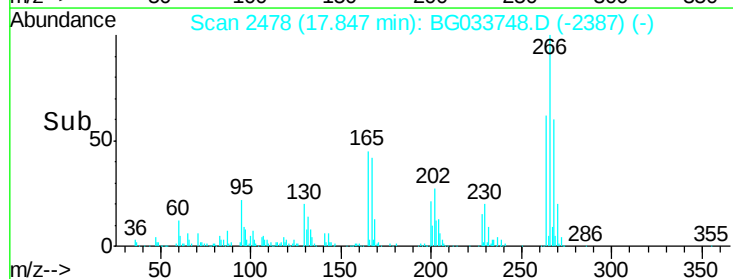
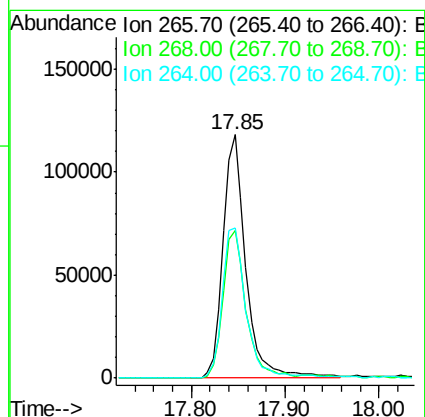
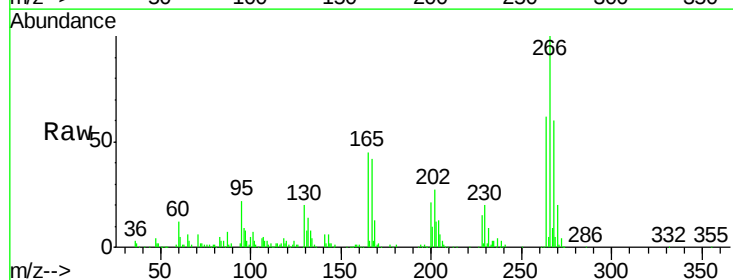
Instrument :
BNA_G
ClientSampleId :

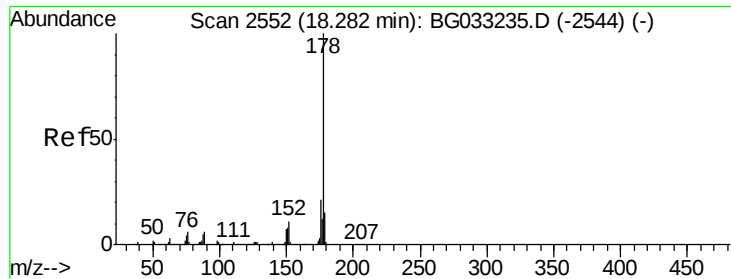
Tot Ion:200 Resp: 120250
Ion Ratio Lower Upper
200 100
173 22.5 5.2 45.2
215 49.8 30.4 70.4



#69
Pentachlorophenol
Concen: 79.519 ng
RT: 17.85 min Scan# 2478
Delta R.T. 0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion:266 Resp: 200376
Ion Ratio Lower Upper
266 100
268 60.4 51.1 76.7
264 61.8 49.6 74.4





#70

Phenanthrene

Concen: 47.629 ng

RT: 18.25 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

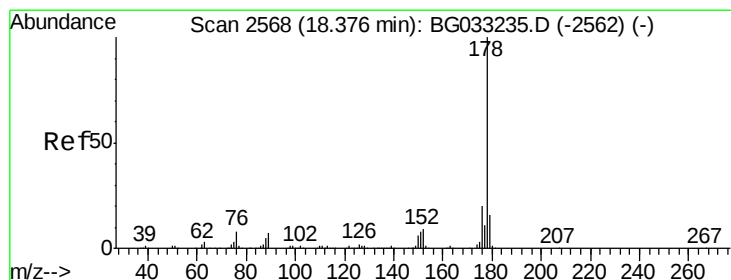
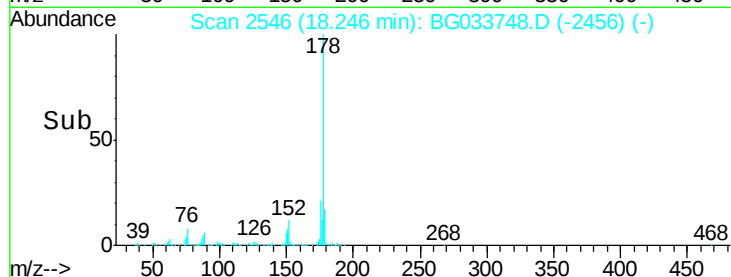
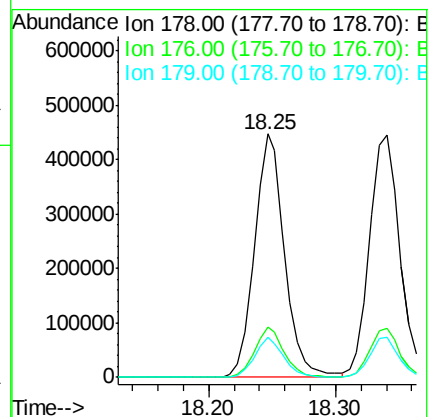
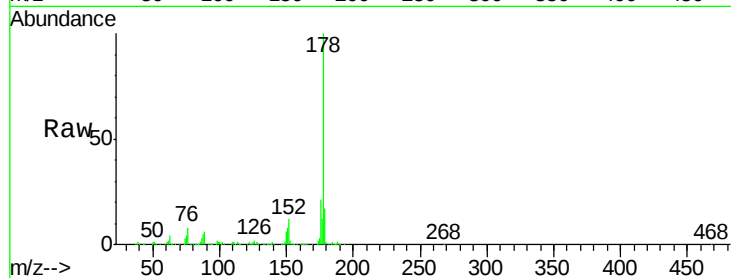
Tot Ion:178 Resp: 734758

Ion Ratio Lower Upper

178 100

176 20.8 15.7 23.5

179 16.6 12.5 18.7



#71

Anthracene

Concen: 47.656 ng

RT: 18.34 min Scan# 2562

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

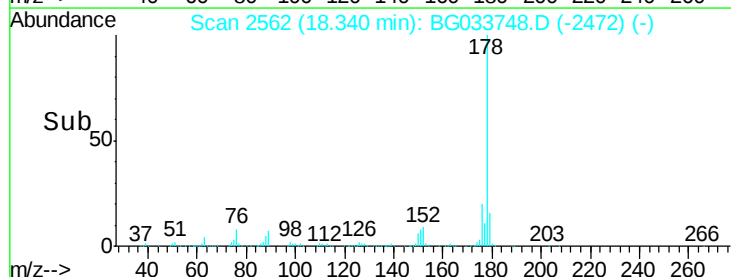
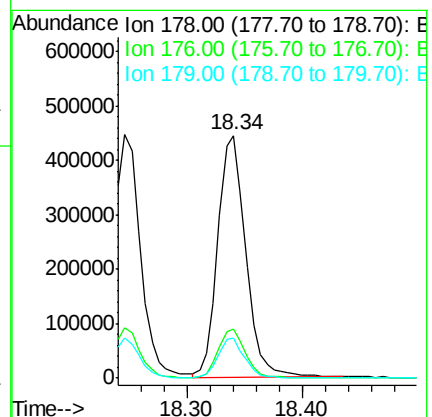
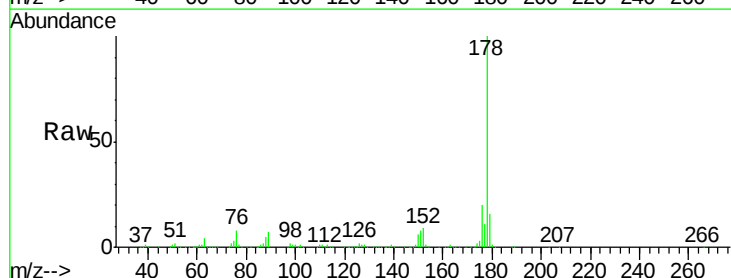
Tgt Ion:178 Resp: 744392

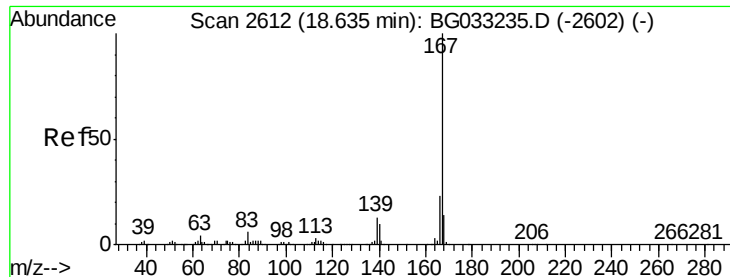
Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

179 16.4 12.5 18.7





#72

Carbazole

Concen: 49.140 ng

RT: 18.60 min Scan# 2606

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampled :

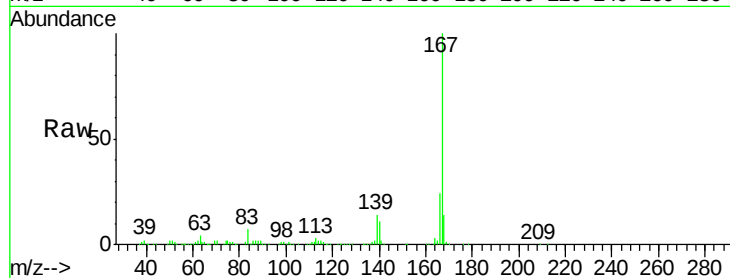
Tot Ion:167 Resp: 680175

Ion Ratio Lower Upper

167 100

166 24.0 18.2 27.4

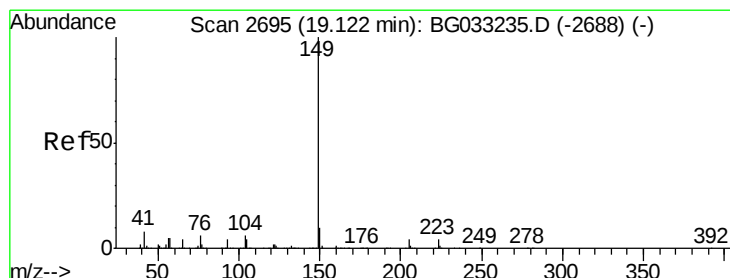
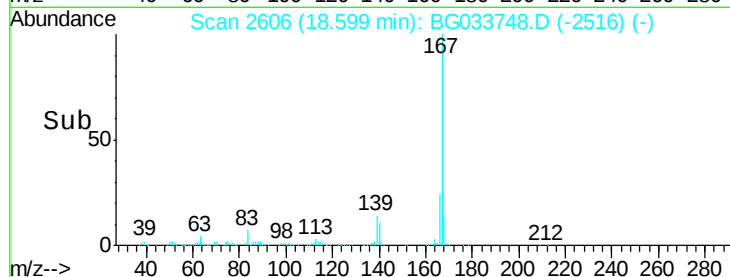
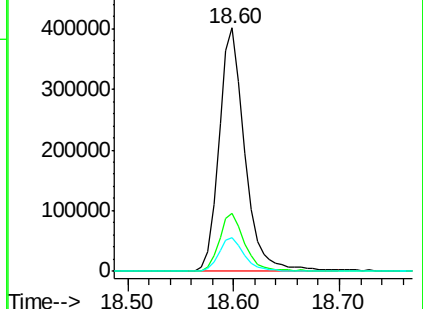
139 13.6 9.4 14.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 50.779 ng

RT: 19.09 min Scan# 2689

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

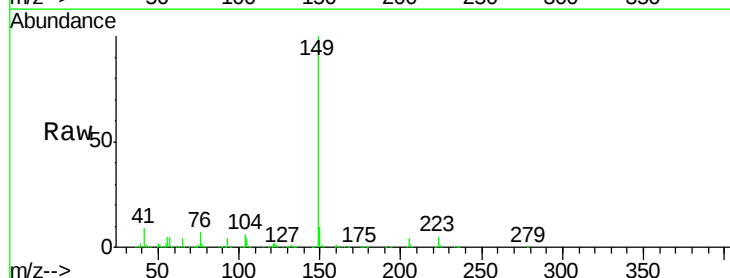
Tgt Ion:149 Resp: 818094

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

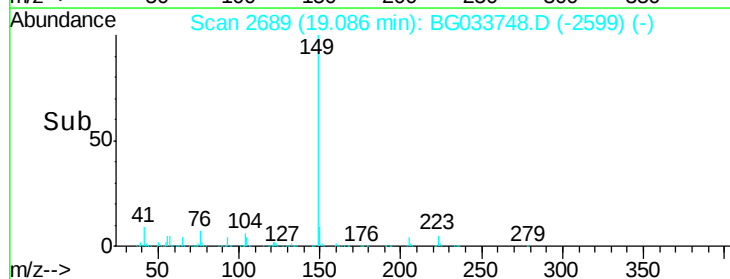
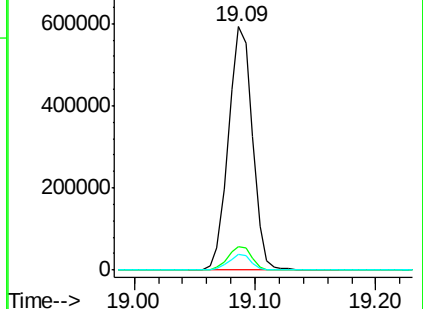
104 6.2 3.9 5.9#

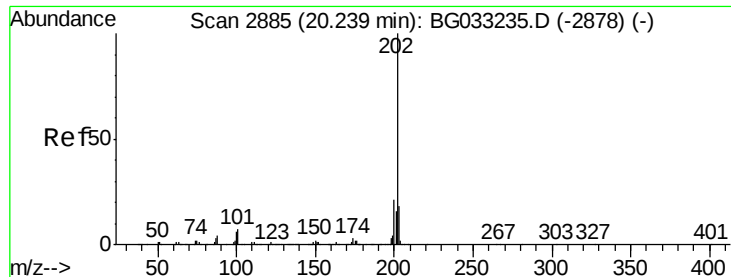


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

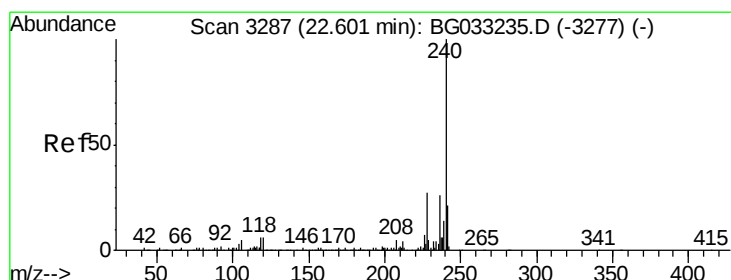
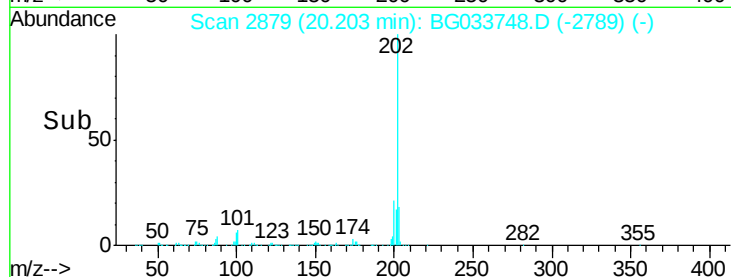
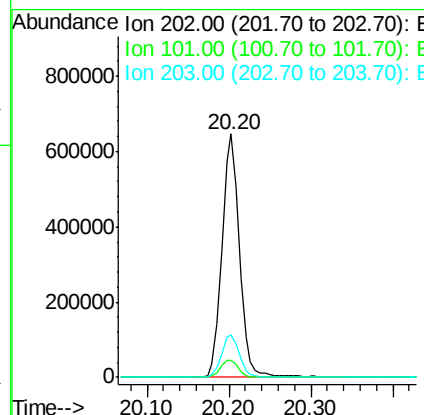
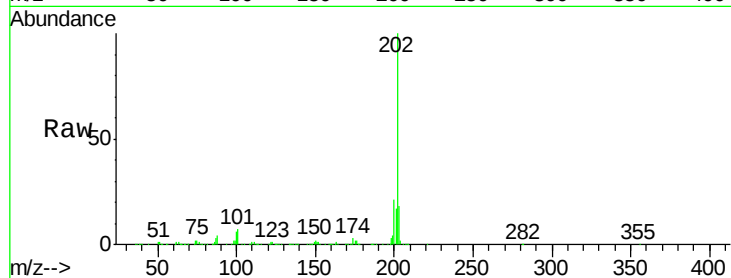




#74
Fluoranthene
Concen: 50.537 ng
RT: 20.20 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

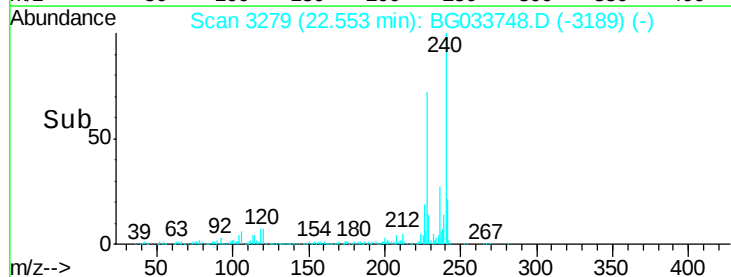
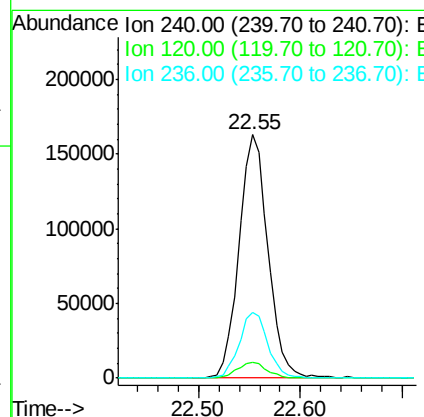
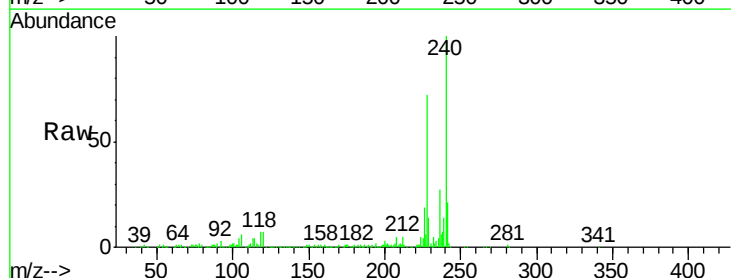
Instrument :
BNA_G
ClientSampleId :

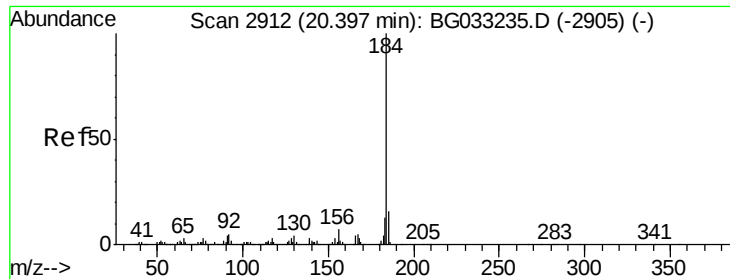
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	28.9
203	17.6	0.0	37.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.8	10.2#
236	26.7	20.9	31.3





#76

Benzidine

Concen: 11.979 ng

RT: 20.37 min Scan# 2907

Delta R.T. 0.01 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

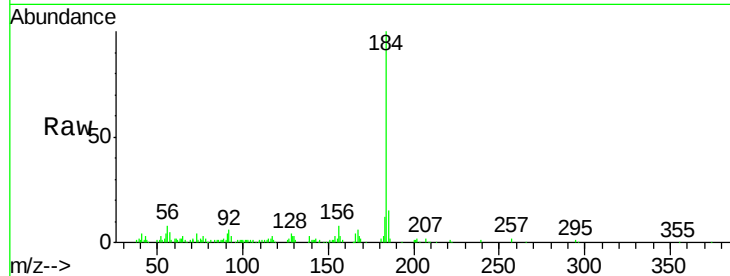
Tot Ion:184 Resp: 104622

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

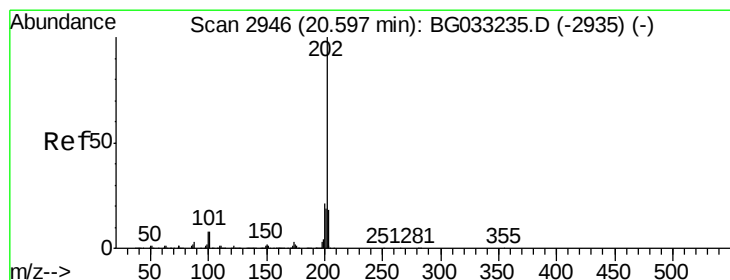
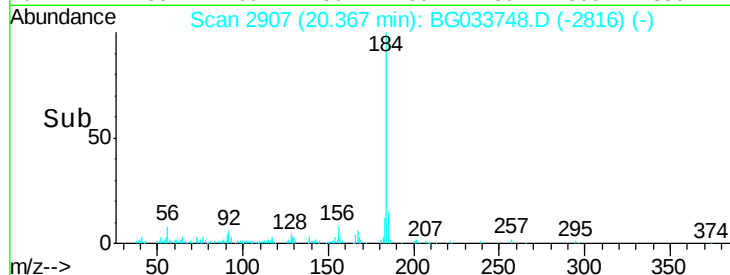
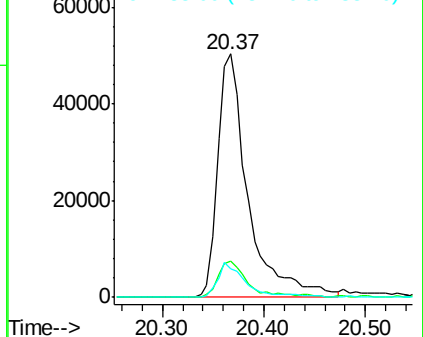
183 11.9 10.6 16.0



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

Pyrene

Concen: 46.419 ng

RT: 20.56 min Scan# 2940

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

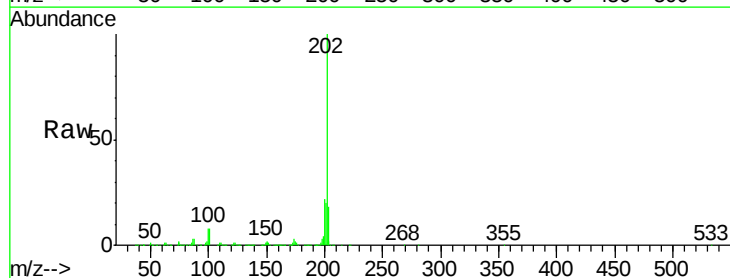
Tgt Ion:202 Resp: 997067

Ion Ratio Lower Upper

202 100

200 22.1 16.9 25.3

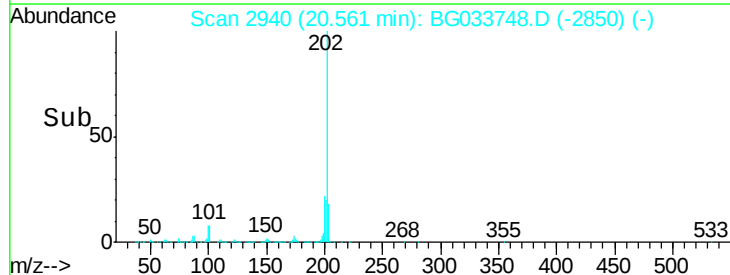
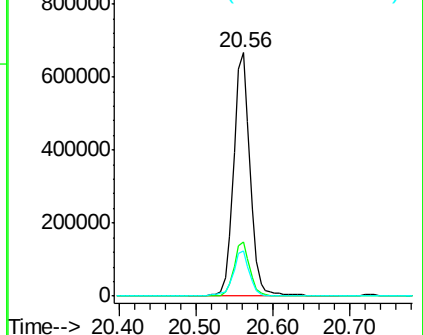
203 18.4 13.9 20.9

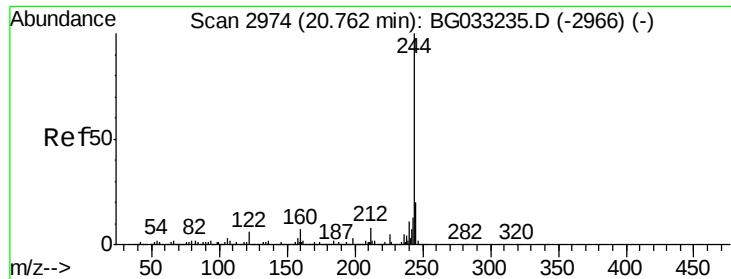


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 80.422 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

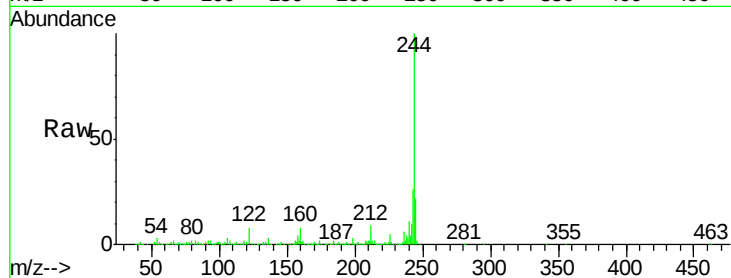
Tot Ion:244 Resp: 1211101

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

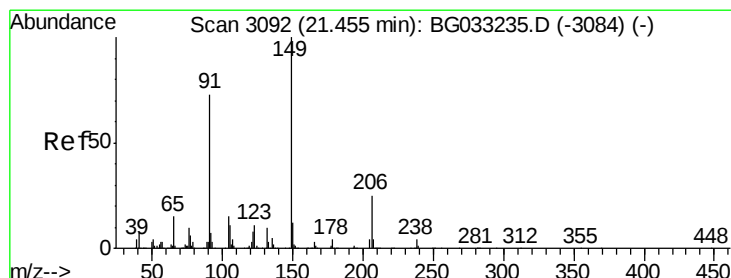
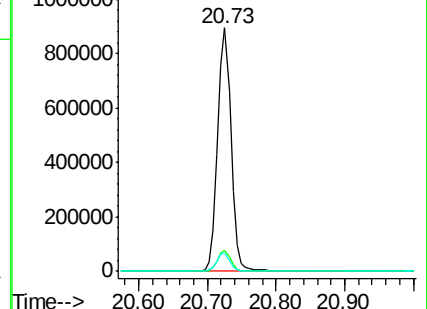
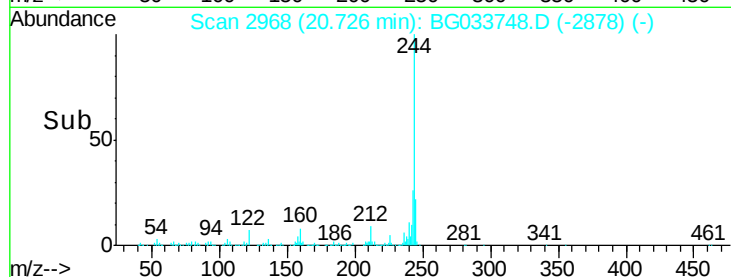
122 7.6 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 48.032 ng

RT: 21.41 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

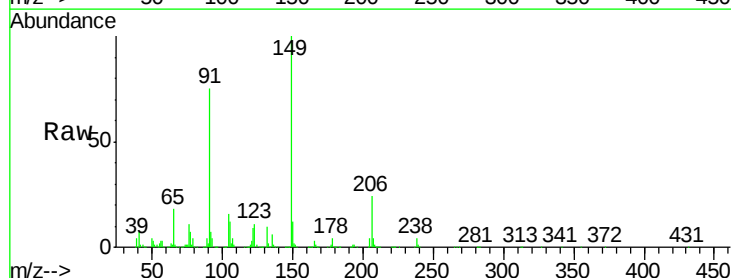
Tgt Ion:149 Resp: 380721

Ion Ratio Lower Upper

149 100

91 75.5 62.2 93.2

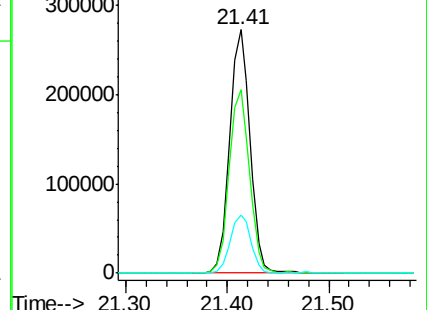
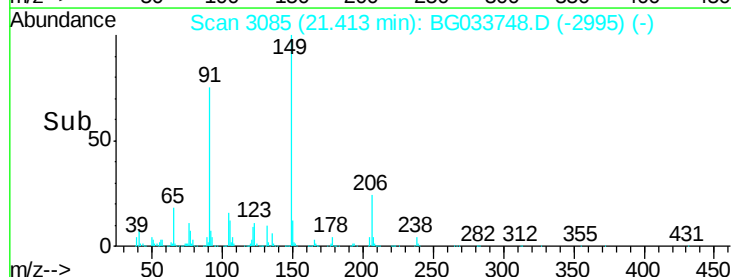
206 23.9 18.6 27.8

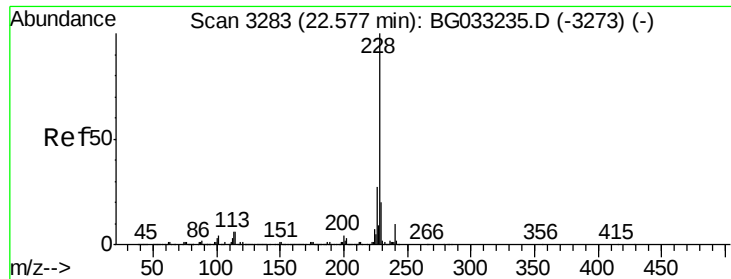


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

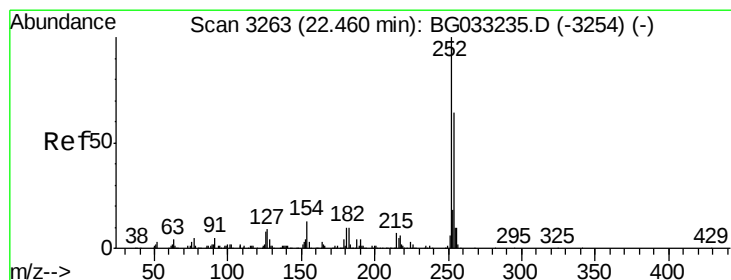
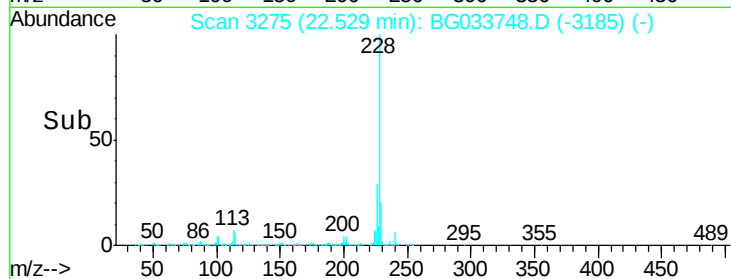
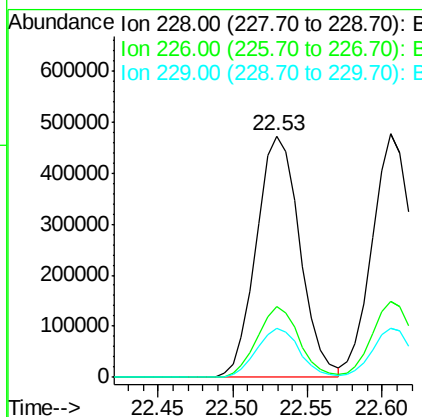
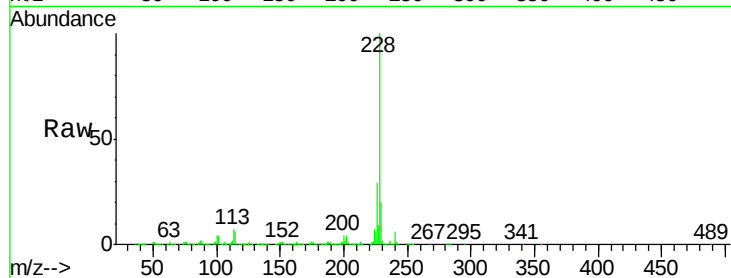




#80
Benzo(a)anthracene
Concen: 46.552 ng
RT: 22.53 min Scan# 3275
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

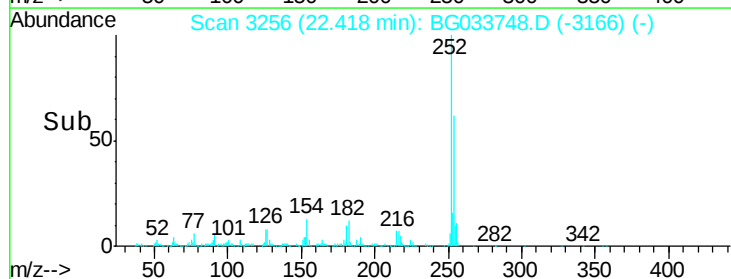
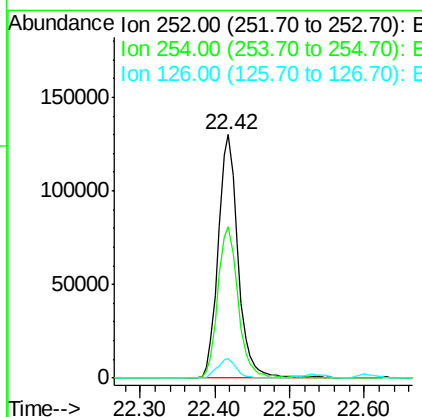
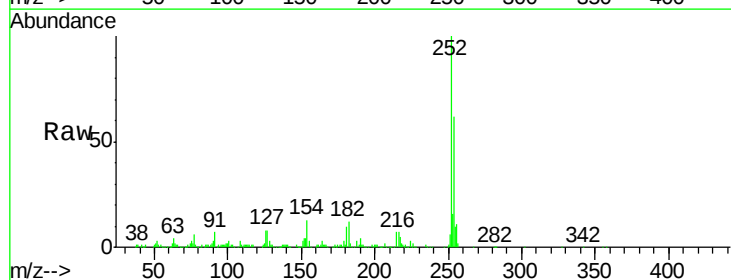
Instrument :
BNA_G
ClientSampleId :

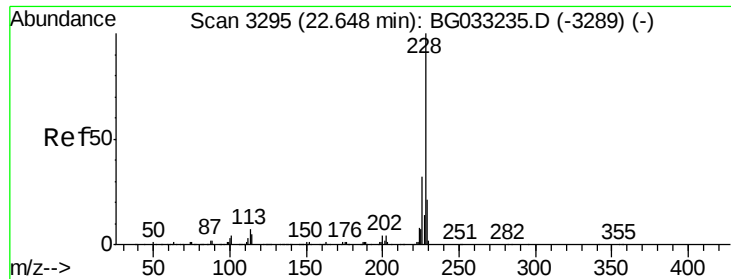
Tot Ion:228 Resp: 954670
Ion Ratio Lower Upper
228 100
226 29.5 22.7 34.1
229 20.4 16.2 24.2



#81
3,3'-Dichlorobenzidine
Concen: 33.054 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion:252 Resp: 241215
Ion Ratio Lower Upper
252 100
254 62.3 50.8 76.2
126 7.9 7.4 11.2





#82

Chrysene

Concen: 45.635 ng

RT: 22.61 min Scan# 3288

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

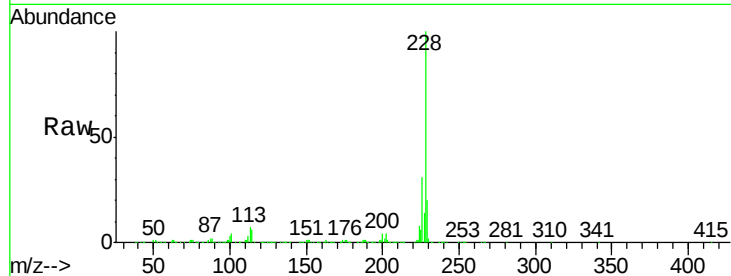
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 905915

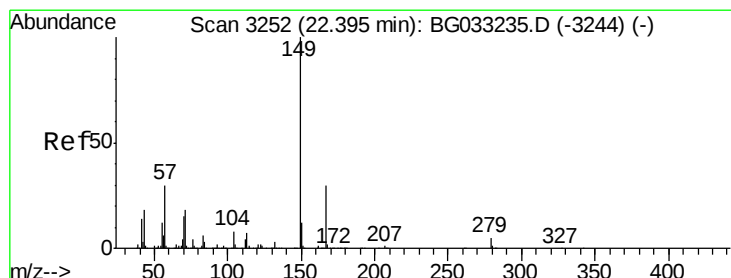
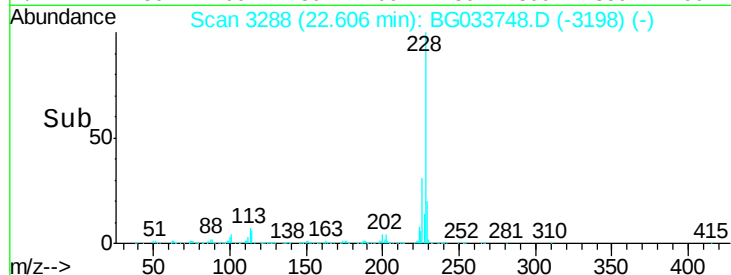
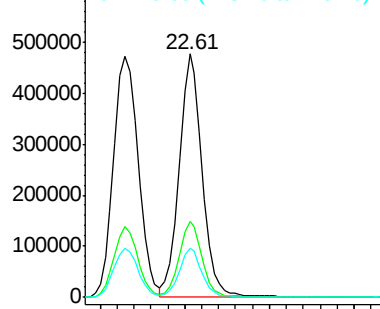
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.0	15.0	22.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 47.463 ng

RT: 22.35 min Scan# 3244

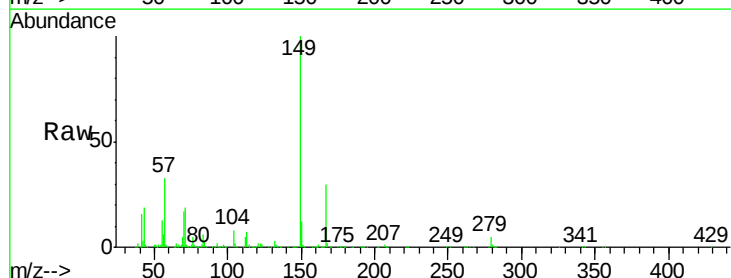
Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Tgt Ion:149 Resp: 518609

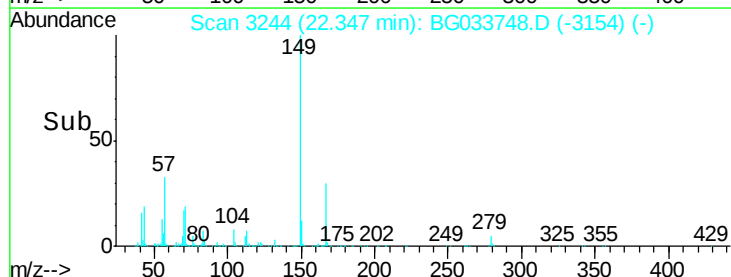
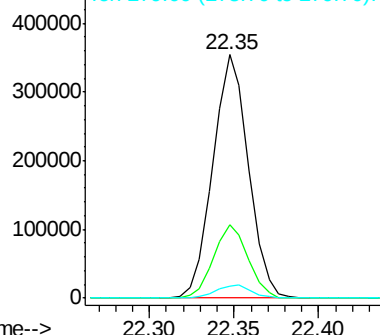
Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.3	36.5
279	5.1	4.0	6.0

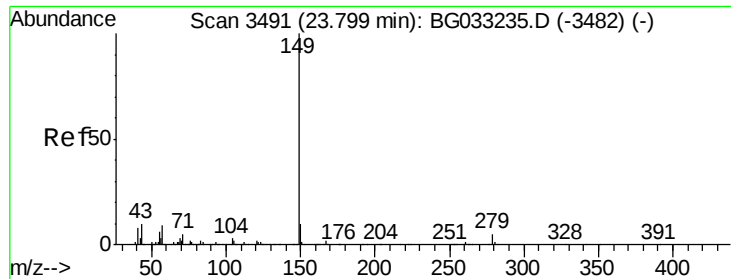


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 54.361 ng

RT: 23.74 min Scan# 3481

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

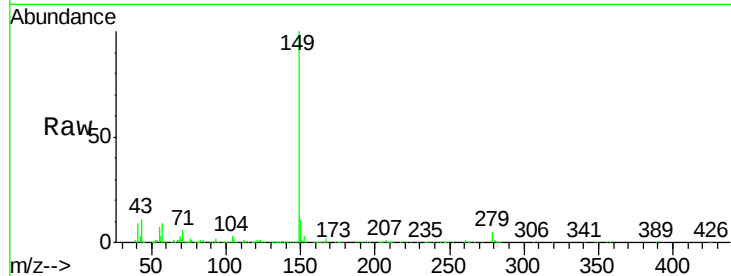
Tot Ion:149 Resp: 909456

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

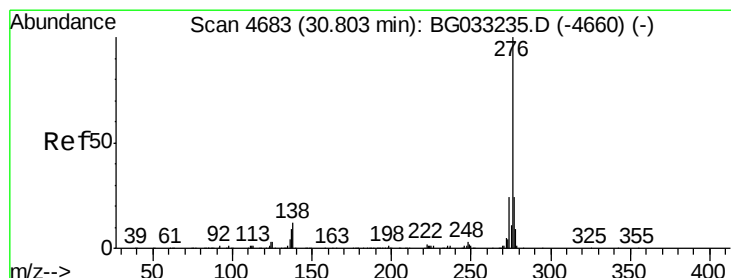
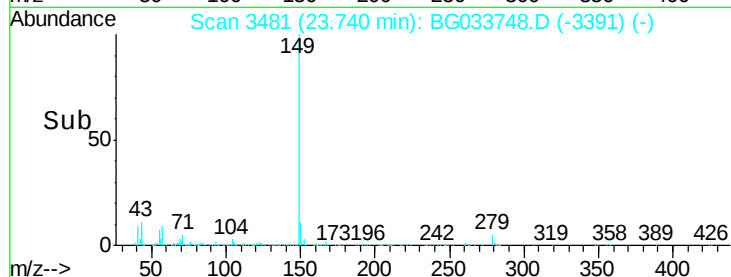
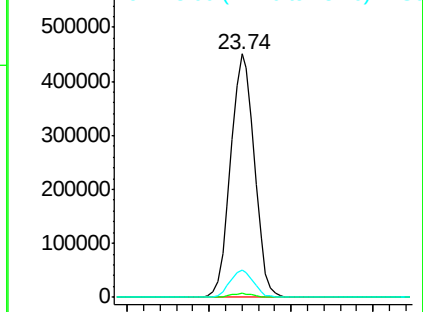
43 11.3 8.9 13.3



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): B



#85

Indeno(1,2,3-cd)pyrene

Concen: 50.831 ng

RT: 30.69 min Scan# 4664

Delta R.T. 0.01 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

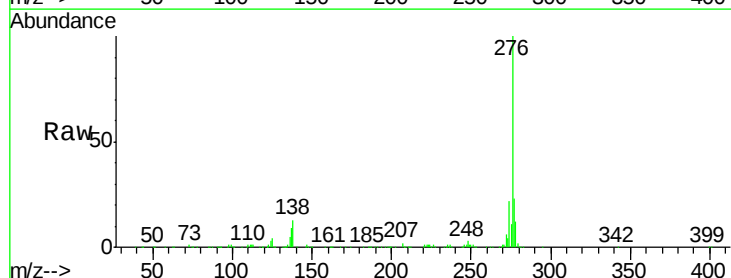
Tgt Ion:276 Resp: 1090988

Ion Ratio Lower Upper

276 100

138 16.0 16.0 24.0#

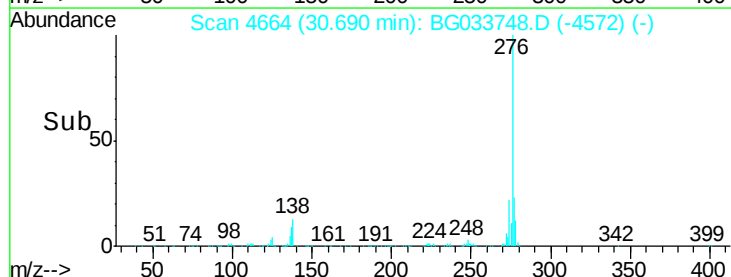
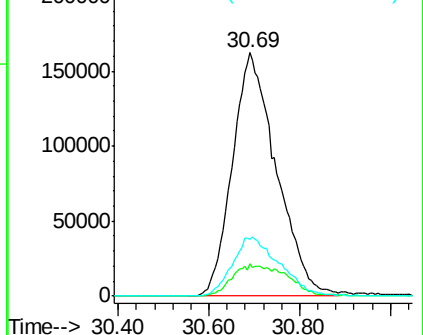
277 25.9 20.0 30.0

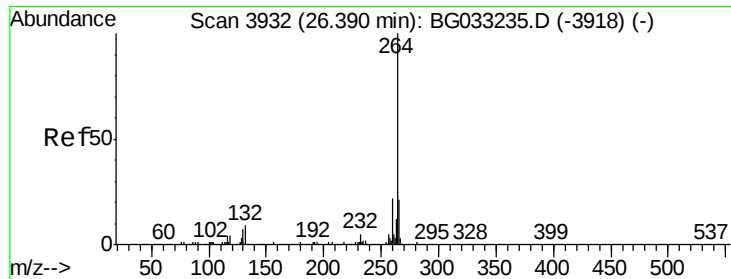


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.31 min Scan# 3919

Delta R.T. 0.01 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

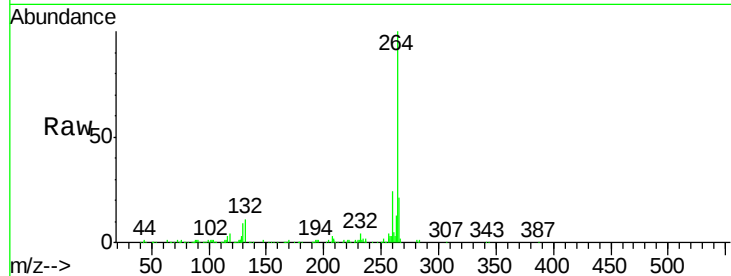
Tot Ion:264 Resp: 313102

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

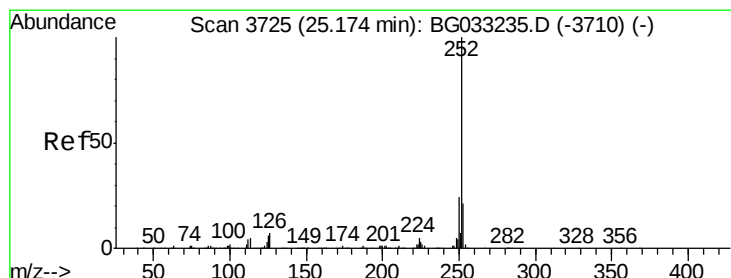
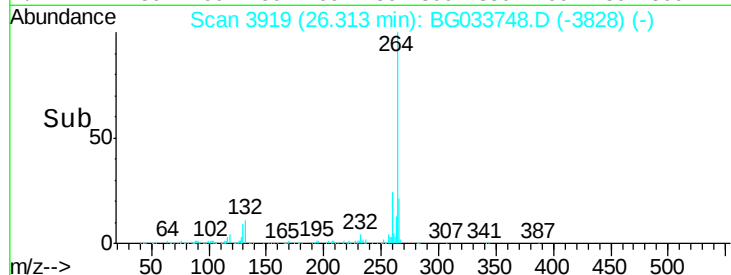
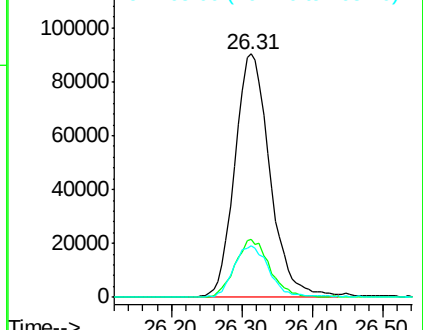
265 21.4 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 51.581 ng

RT: 25.11 min Scan# 3714

Delta R.T. 0.01 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

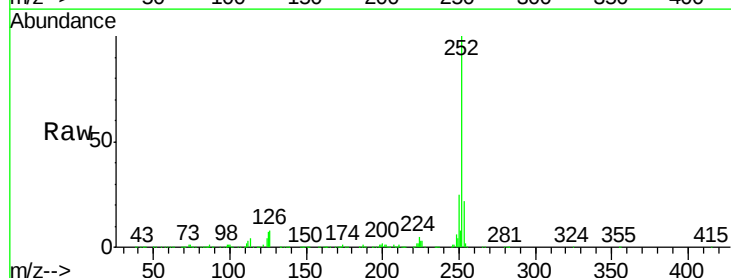
Tgt Ion:252 Resp: 933067

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

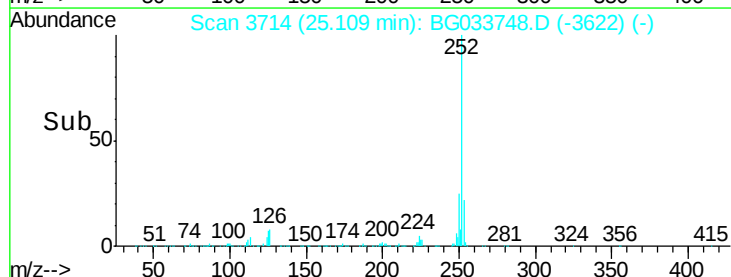
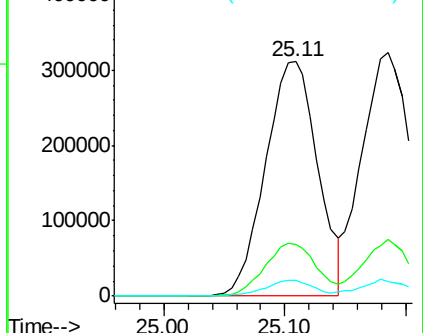
125 6.6 7.2 10.8#

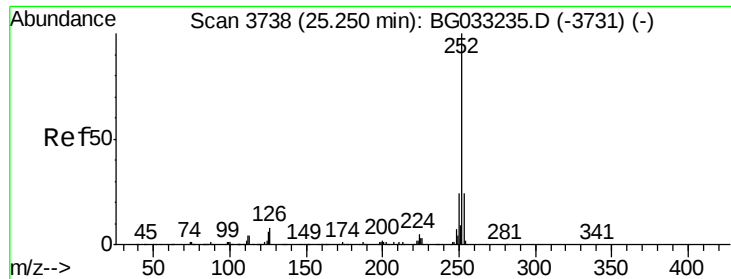


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

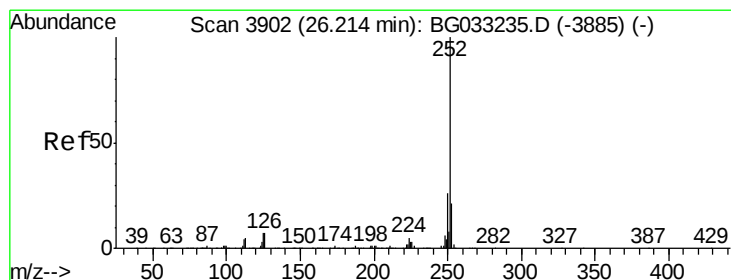
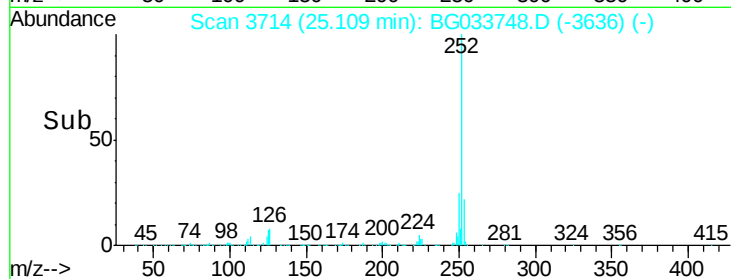
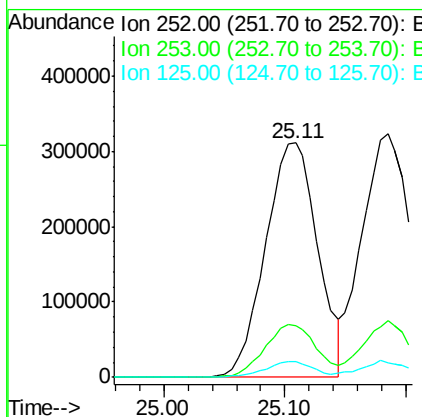
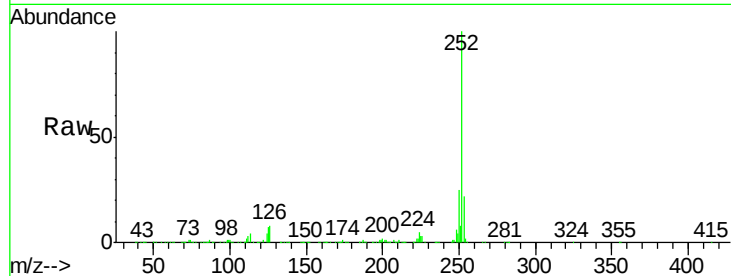




#88
Benzo(k)fluoranthene
Concen: 51.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.07 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

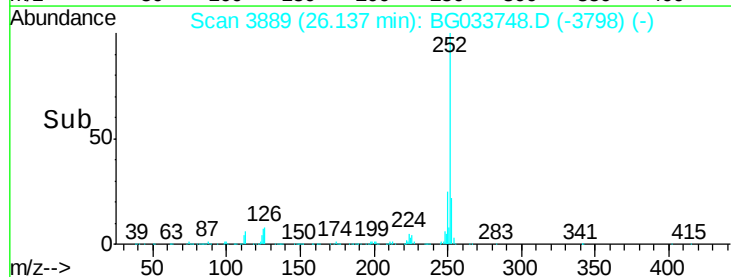
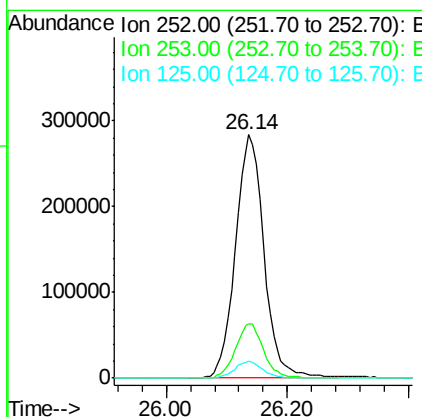
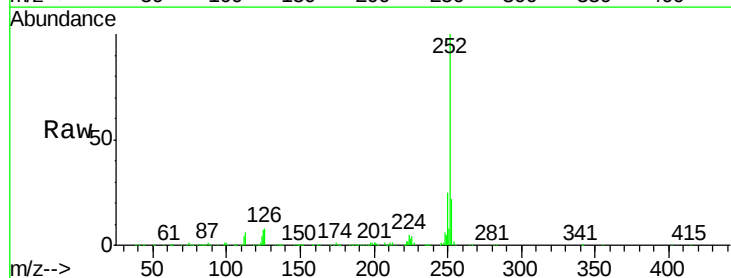
Instrument :
BNA_G
ClientSampleId :

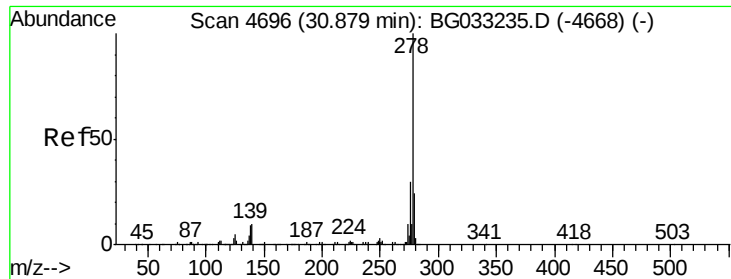
Tot Ion:252 Resp: 933067
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 6.6 6.6 9.8



#89
Benzo(a)pyrene
Concen: 53.518 ng
RT: 26.14 min Scan# 3889
Delta R.T. 0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion:252 Resp: 929700
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 6.8 7.3 10.9#





#90

Dibenzo(a,h)anthracene

Concen: 56.204 ng

RT: 30.76 min Scan# 4676

Delta R.T. 0.01 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

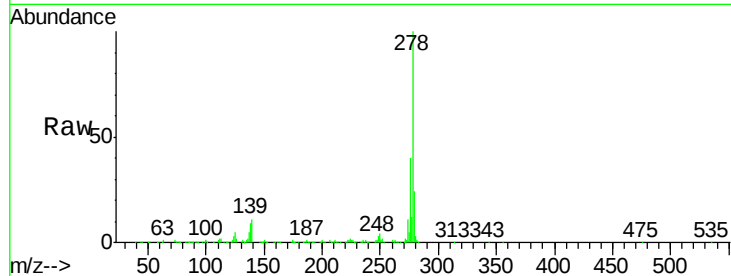
Tot Ion:278 Resp: 919697

Ion Ratio Lower Upper

278 100

139 10.5 9.8 14.6

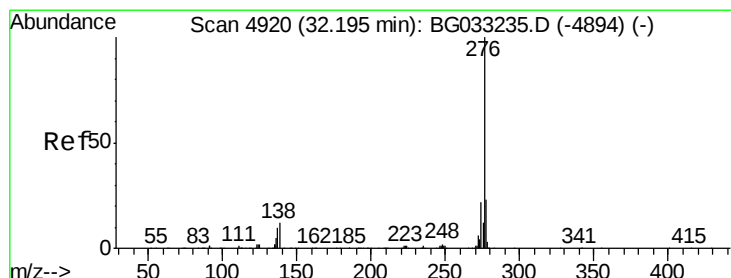
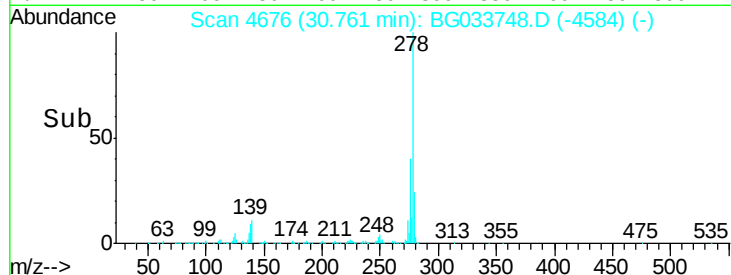
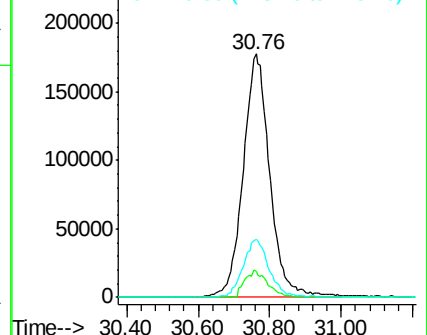
279 24.0 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 55.362 ng

RT: 32.07 min Scan# 4899

Delta R.T. 0.02 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

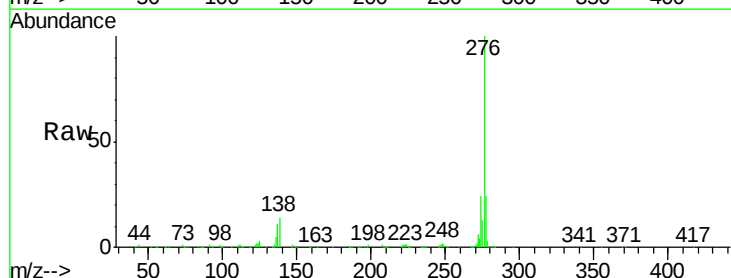
Tgt Ion:276 Resp: 897077

Ion Ratio Lower Upper

276 100

277 23.9 18.3 27.5

138 13.9 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

