

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033749.D
 Acq On : 11 Apr 2018 17:31
 Operator : SJ/JU
 Sample : PB108149BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 01:34:25 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	32084	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	142951	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	104856	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	273850	20.00	ng	0.00
75) Chrysene-d12	22.55	240	303820	20.00	ng	0.00
86) Perylene-d12	26.31	264	298359	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.28	112	178288	104.20	ng	0.00
7) Phenol-d6	7.97	99	281236	95.66	ng	0.00
23) Nitrobenzene-d5	10.06	82	267080	85.84	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	127939	81.58	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	619505	85.29	ng	0.00
78) Terphenyl-d14	20.73	244	1155059	81.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.91	88	37739	43.432	ng	94
3) Pyridine	4.38	79	99682	41.499	ng	98
4) n-Nitrosodimethylamine	4.29	42	57595	58.428	ng	# 81
6) Aniline	8.15	93	82796	23.948	ng	97
8) 2-Chlorophenol	8.40	128	117403	60.019	ng	93
10) Phenol	7.99	94	176209	60.707	ng	87
11) bis(2-Chloroethyl)ether	8.24	93	116830	49.312	ng	99
12) 1,3-Dichlorobenzene	8.74	146	119117	46.578	ng	93
13) 1,4-Dichlorobenzene	8.89	146	122617	47.875	ng	96
14) 1,2-Dichlorobenzene	9.22	146	120833	48.339	ng	98
15) Benzyl Alcohol	9.09	79	128853	55.667	ng	87
16) 2,2'-oxybis(1-Chloropropan	9.38	45	206656	53.506	ng	88
17) 2-Methylphenol	9.29	107	105651	53.431	ng	# 92
18) Hexachloroethane	9.97	117	47383	47.934	ng	92
19) n-Nitroso-di-n-propylamine	9.66	70	106935	49.639	ng	98
20) 3+4-Methylphenols	9.63	107	151040	53.649	ng	94
22) Acetophenone	9.70	105	186600	47.646	ng	# 97
24) Nitrobenzene	10.10	77	163819	49.190	ng	92
25) Isophorone	10.61	82	308703	51.120	ng	99
26) 2-Nitrophenol	10.83	139	69176	54.864	ng	# 76
27) 2,4-Dimethylphenol	10.86	122	118616	64.759	ng	89
28) bis(2-Chloroethoxy)methane	11.10	93	160485	53.264	ng	97
29) 2,4-Dichlorophenol	11.37	162	131188	58.239	ng	92
30) 1,2,4-Trichlorobenzene	11.59	180	131426	44.907	ng	92
31) Naphthalene	11.79	128	367381	49.594	ng	97
32) Benzoic acid	11.00	122	45887	26.949	ng	95
33) 4-Chloroaniline	11.90	127	37829	11.398	ng	95
34) Hexachlorobutadiene	12.04	225	97904	44.237	ng	97
35) Caprolactam	12.63	113	46966	53.221	ng	# 82
36) 4-Chloro-3-methylphenol	12.95	107	161911	55.111	ng	96
37) 2-Methylnaphthalene	13.34	142	278985	48.522	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	178823	47.081	ng	99
40) Hexachlorocyclopentadiene	13.66	237	187013	83.991	ng	94
42) 2,4,6-Trichlorophenol	13.92	196	119820	54.297	ng	98

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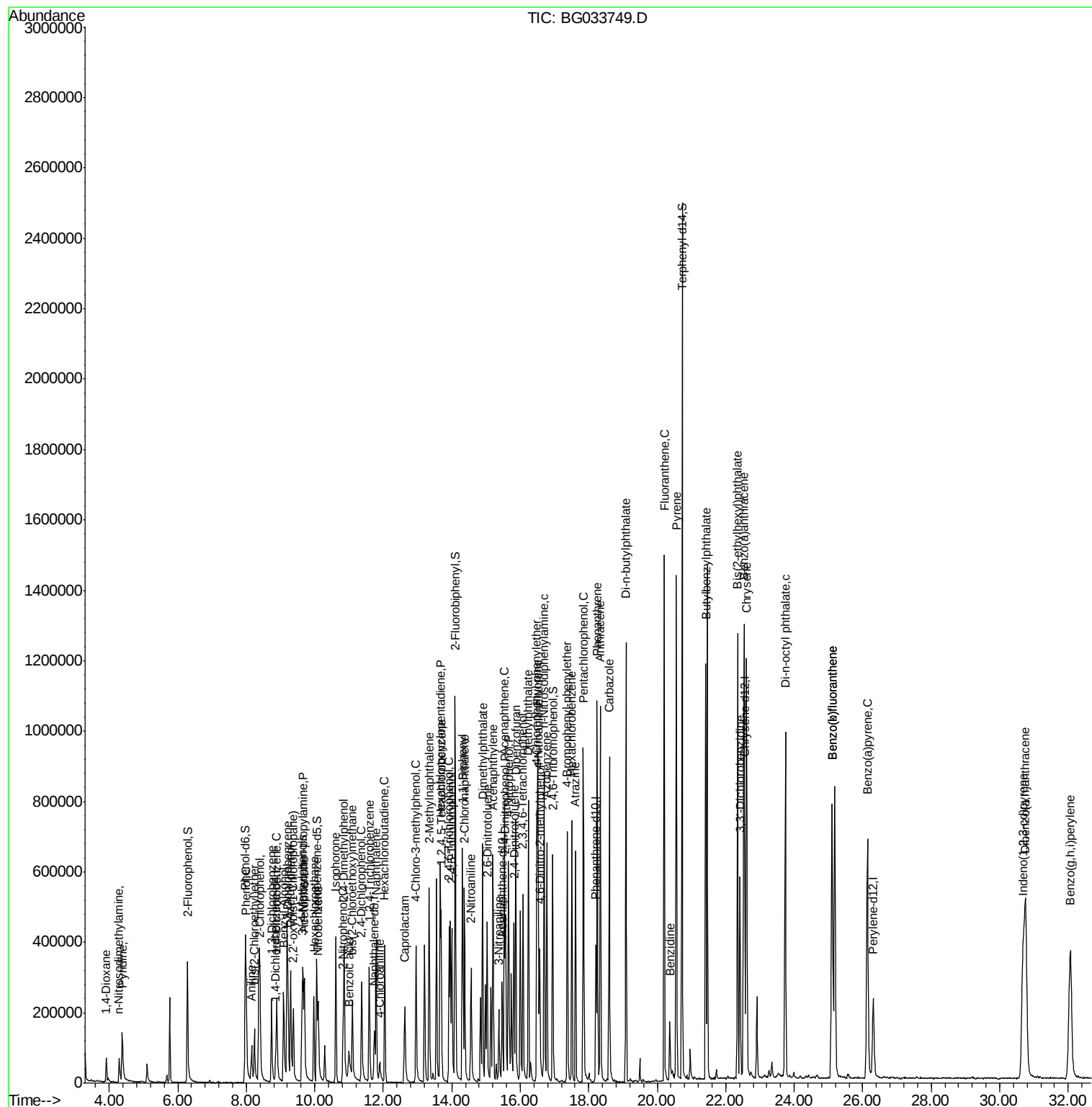
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	14.01	196	138080	52.937	nq	94
45) 1,1'-Biphenyl	14.32	154	392179	48.683	nq	99
46) 2-Chloronaphthalene	14.38	162	302344	48.675	nq	98
47) 2-Nitroaniline	14.56	65	128259	55.129	nq	93
48) Acenaphthylene	15.20	152	503741	48.586	nq	99
49) Dimethylphthalate	14.90	163	441666	48.400	nq	99
50) 2,6-Dinitrotoluene	15.03	165	94529	50.662	nq	93
51) Acenaphthene	15.54	154	390200	58.381	nq	98
52) 3-Nitroaniline	15.37	138	58859	30.089	nq #	92
53) 2,4-Dinitrophenol	15.57	184	117586	117.709	nq #	77
54) Dibenzofuran	15.87	168	505080	51.159	nq	94
55) 4-Nitrophenol	15.66	139	164724	119.753	nq #	87
56) 2,4-Dinitrotoluene	15.81	165	144886	52.738	nq	95
57) Fluorene	16.51	166	424737	50.499	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.08	232	136381	55.540	nq	91
59) Diethylphthalate	16.24	149	451838	50.992	nq	97
60) 4-Chlorophenyl-phenylether	16.48	204	232846	48.159	nq	97
61) 4-Nitroaniline	16.53	138	100410	50.688	nq #	84
62) Azobenzene	16.78	77	452570	52.726	nq	98
64) 4,6-Dinitro-2-methylphenol	16.57	198	88028	53.733	nq	96
65) n-Nitrosodiphenylamine	16.70	169	398770	51.006	nq	94
66) 4-Bromophenyl-phenylether	17.38	248	161237	50.134	nq	93
67) Hexachlorobenzene	17.51	284	163751	48.245	nq	97
68) Atrazine	17.61	200	134495	42.454	nq	97
69) Pentachlorophenol	17.85	266	203645	87.416	nq	99
70) Phenanthrene	18.25	178	731551	51.293	nq	99
71) Anthracene	18.34	178	766668	53.091	nq	99
72) Carbazole	18.60	167	687478	53.724	nq	96
73) Di-n-butylphthalate	19.09	149	832111	55.867	nq	98
74) Fluoranthene	20.20	202	975597	55.277	nq	98
76) Benzidine	20.36	184	118198	14.346	nq	95
77) Pyrene	20.56	202	1007846	49.738	nq	99
79) Butylbenzylphthalate	21.41	149	390486	52.221	nq	95
80) Benzo(a)anthracene	22.53	228	965686	49.917	nq	98
81) 3,3'-Dichlorobenzidine	22.41	252	243502	35.371	nq	95
82) Chrysene	22.61	228	936399	50.003	nq	97
83) Bis(2-ethylhexyl)phthalate	22.35	149	539480	52.337	nq	98
84) Di-n-octyl phthalate	23.74	149	939209	59.510	nq	100
85) Indeno(1,2,3-cd)pyrene	30.68	276	1097784	54.219	nq #	89
87) Benzo(b)fluoranthene	25.10	252	945273	54.838	nq #	96
88) Benzo(k)fluoranthene	25.10	252	945273	54.221	nq	98
89) Benzo(a)pyrene	26.14	252	933689	56.403	nq #	97
90) Dibenzo(a,h)anthracene	30.76	278	932416	59.797	nq	98
91) Benzo(g,h,i)perylene	32.07	276	912430	59.092	nq #	95

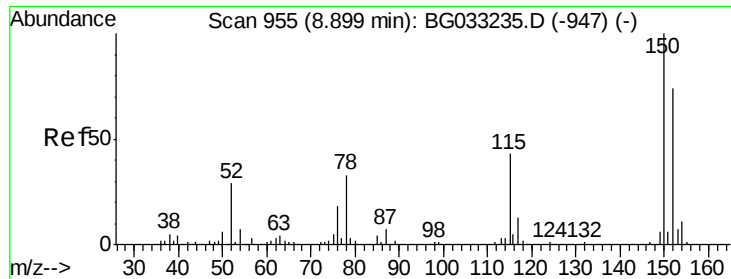
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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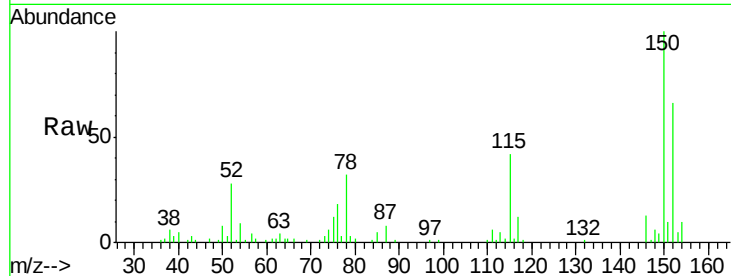


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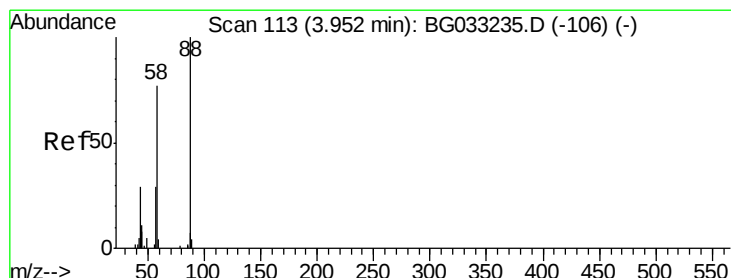
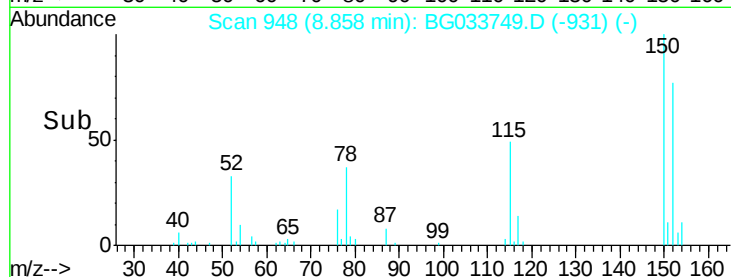
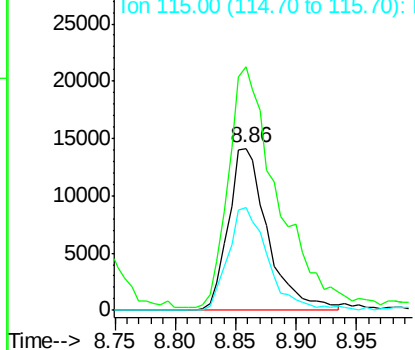
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 32084
 Ion Ratio Lower Upper
 152 100
 150 150.6 126.6 189.8
 115 63.6 53.0 79.4



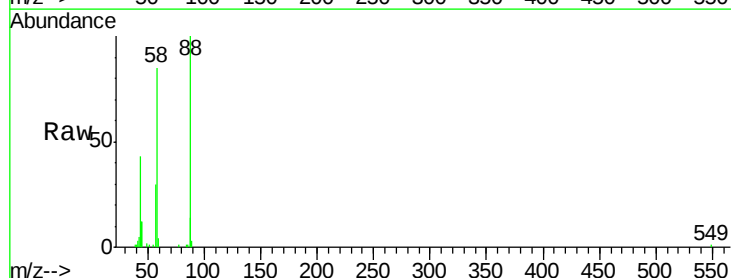
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



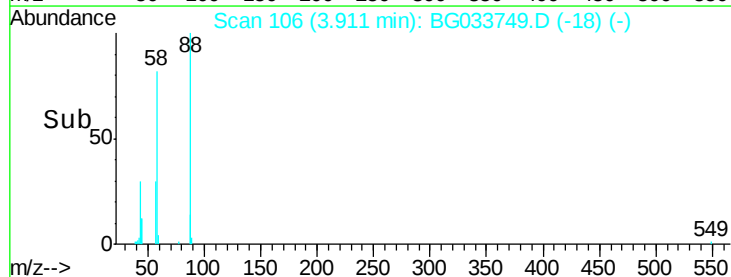
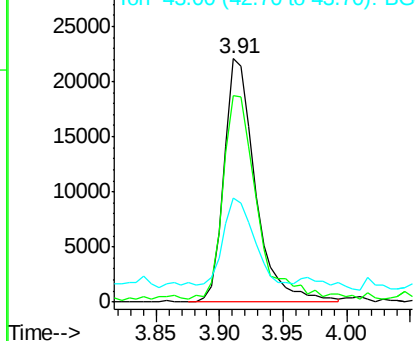
#2

1,4-Dioxane
 Concen: 43.432 ng
 RT: 3.91 min Scan# 106
 Delta R.T. -0.01 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Tgt Ion: 88 Resp: 37739
 Ion Ratio Lower Upper
 88 100
 58 91.2 79.6 119.4
 43 34.6 27.4 41.0



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





#3

Pvridine

Concen: 41.499 ng

RT: 4.38 min Scan# 186

Delta R.T. -0.01 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

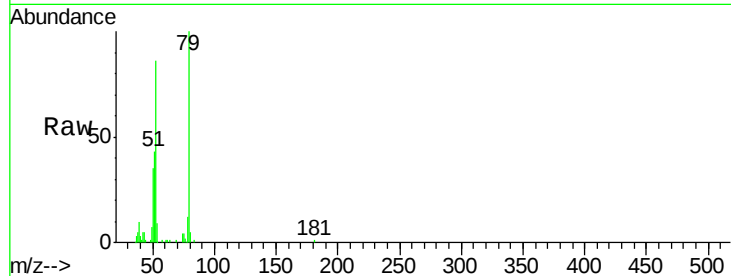
Tot Ion: 79 Resp: 99682

Ion Ratio Lower Upper

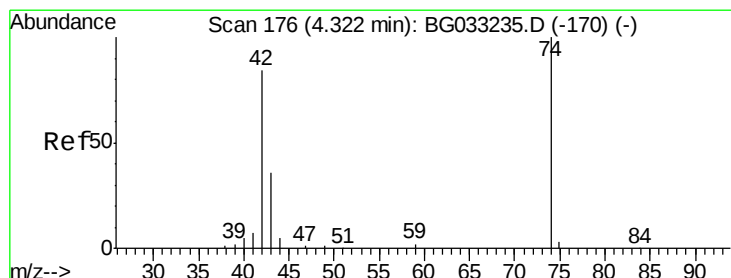
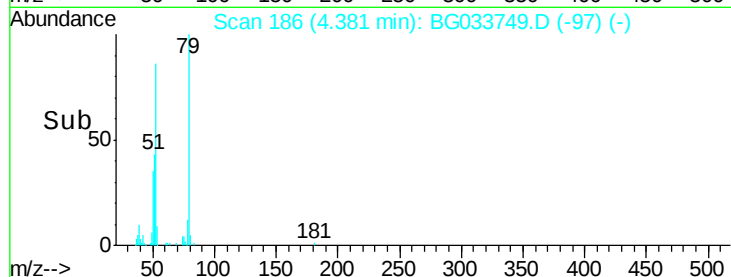
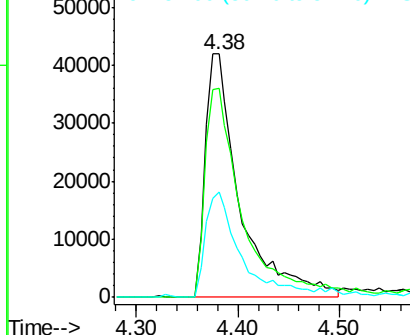
79 100

52 86.0 69.9 104.9

51 43.5 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 58.428 ng

RT: 4.29 min Scan# 170

Delta R.T. -0.01 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

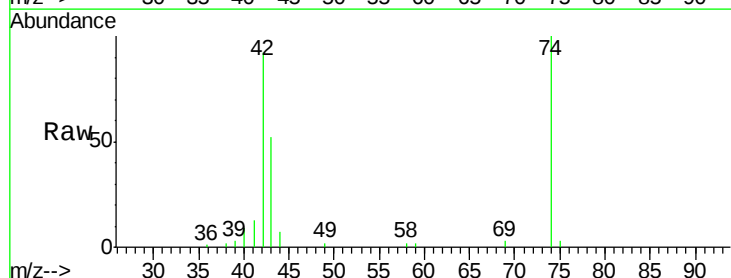
Tgt Ion: 42 Resp: 57595

Ion Ratio Lower Upper

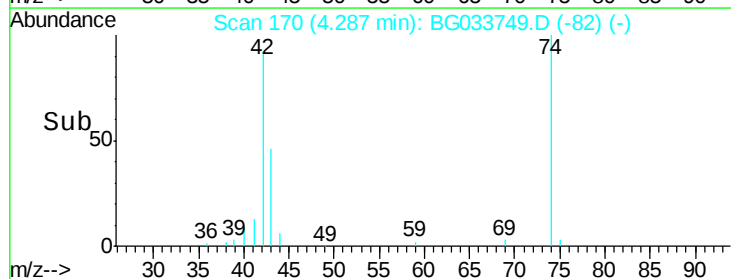
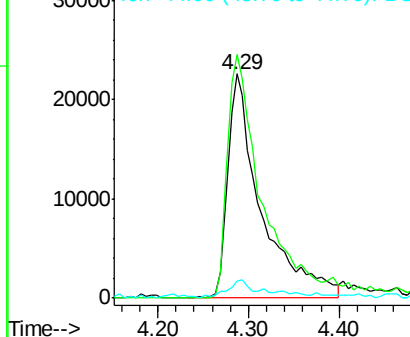
42 100

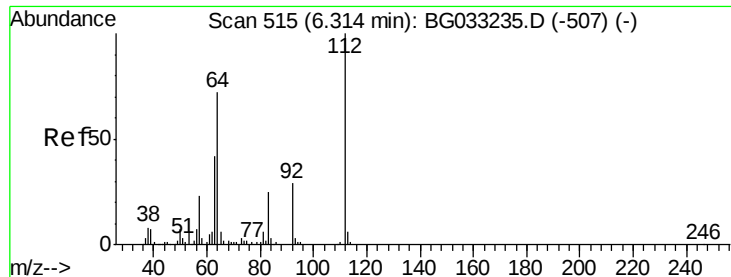
74 108.6 102.5 153.7

44 7.7 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 104.199 ng

RT: 6.28 min Scan# 510

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

ClientSampled :

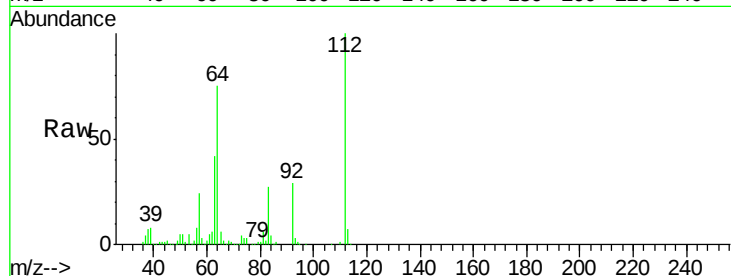
Tot Ion:112 Resp: 178288

Ion Ratio Lower Upper

112 100

64 74.9 56.3 84.5

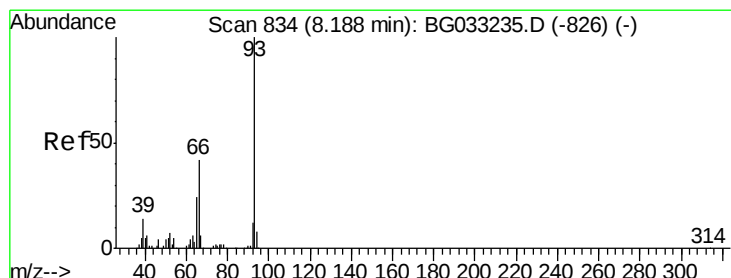
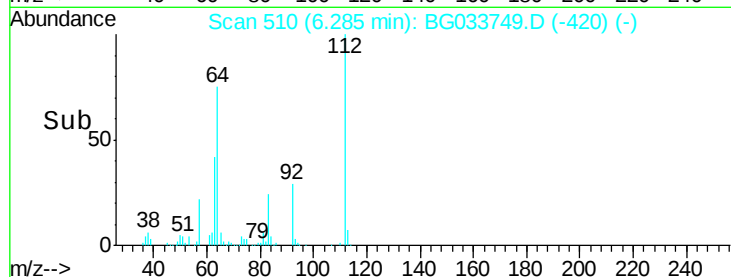
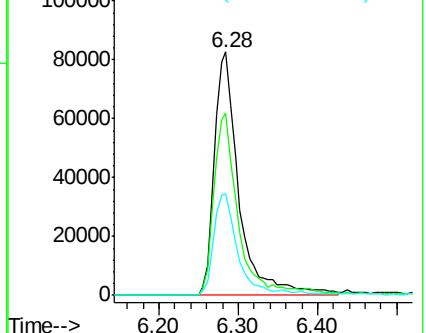
63 41.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.948 ng

RT: 8.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

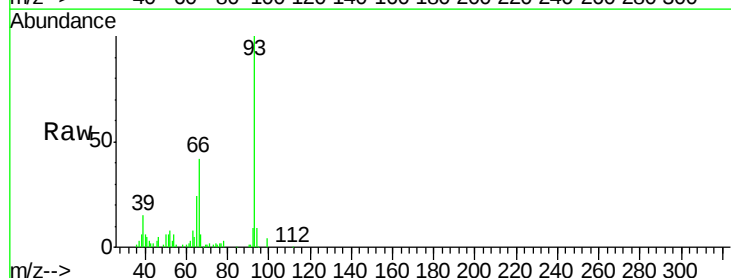
Tgt Ion: 93 Resp: 82796

Ion Ratio Lower Upper

93 100

66 42.4 33.7 50.5

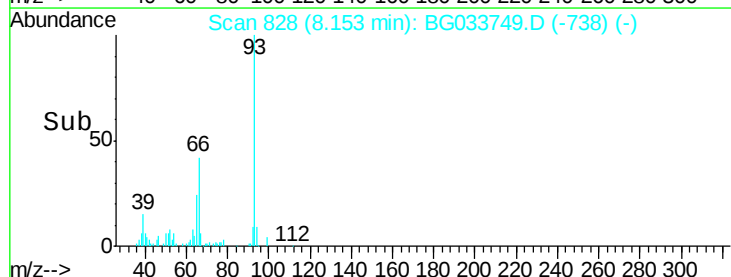
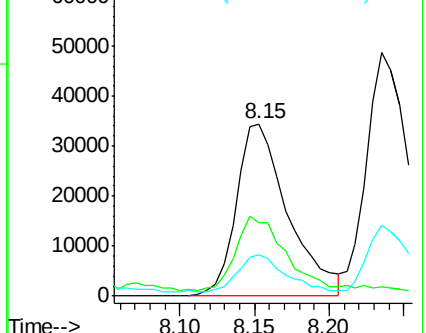
65 23.7 16.1 24.1

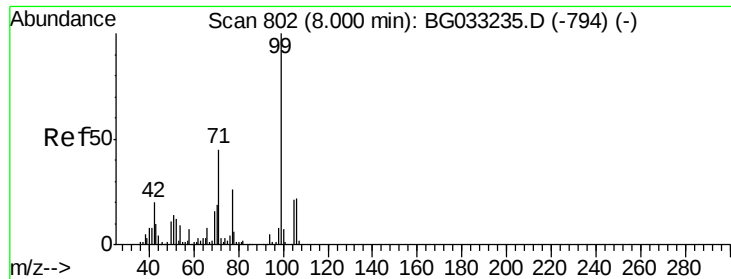


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 95.661 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

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ClientSampleId :

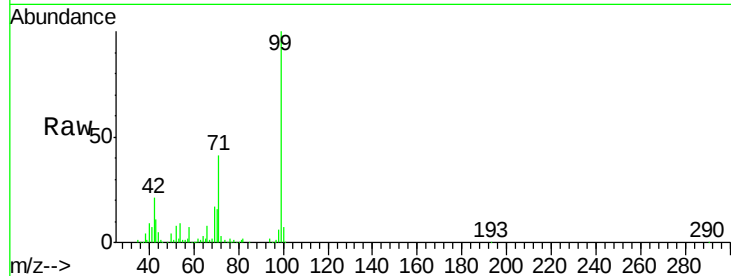
Tot Ion: 99 Resp: 281236

Ion Ratio Lower Upper

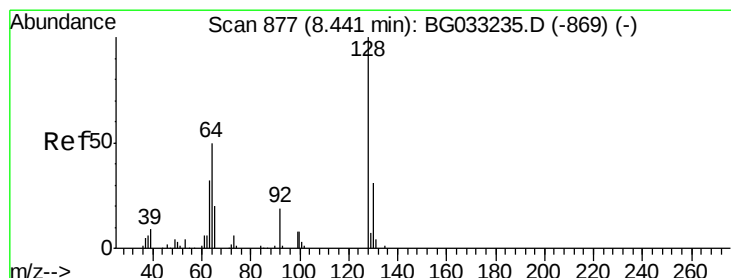
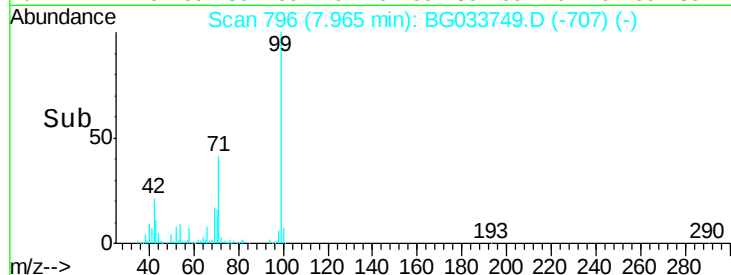
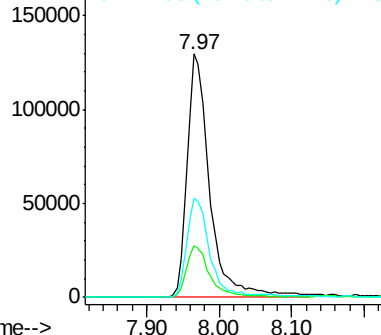
99 100

42 21.2 14.1 21.1#

71 40.6 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: 60.019 ng

RT: 8.40 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

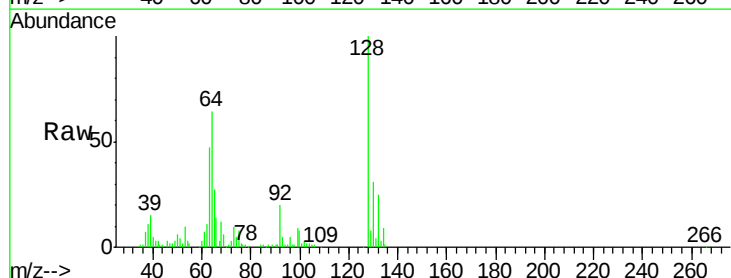
Tgt Ion: 128 Resp: 117403

Ion Ratio Lower Upper

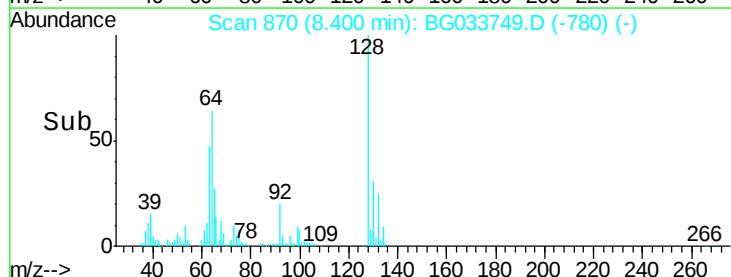
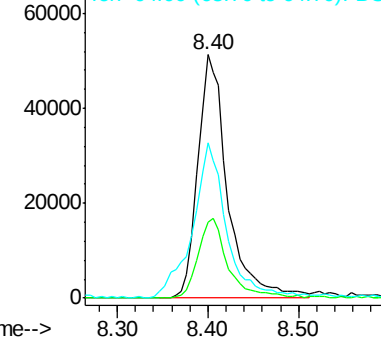
128 100

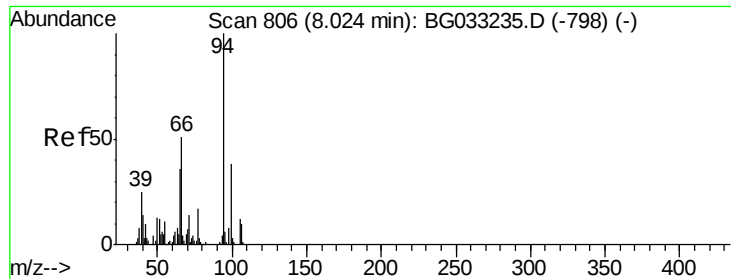
130 31.2 14.0 54.0

64 63.7 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: 60.707 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.01 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

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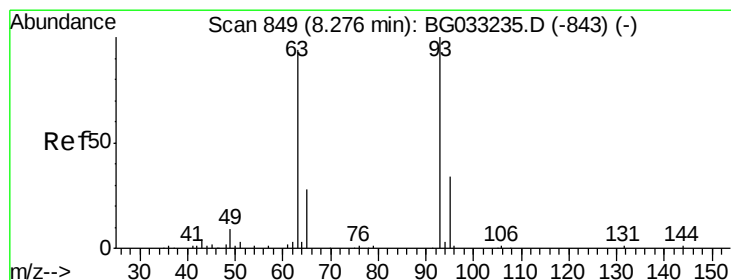
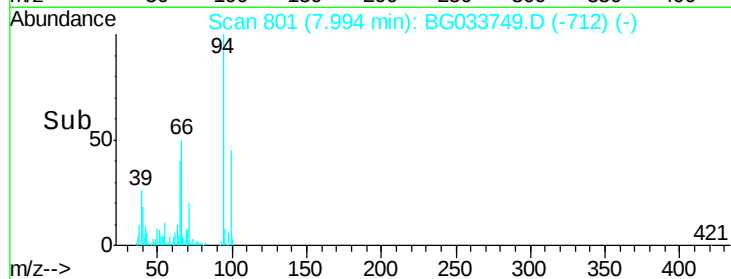
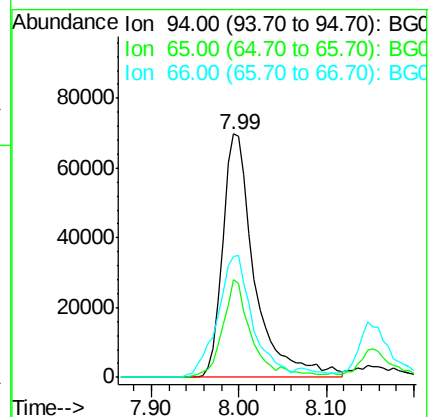
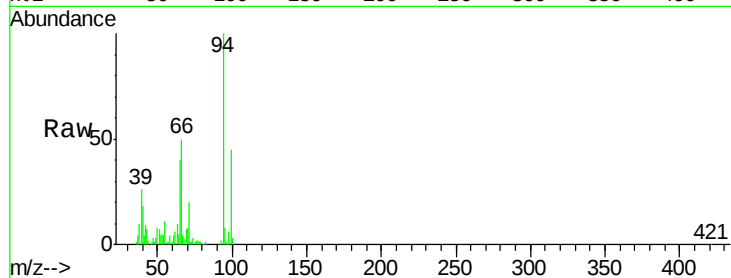
Tot Ion: 94 Resp: 176209

Ion Ratio Lower Upper

94 100

65 40.1 11.9 51.9

66 49.8 22.2 62.2



#11

bis(2-Chloroethyl)ether

Concen: 49.312 ng

RT: 8.24 min Scan# 842

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

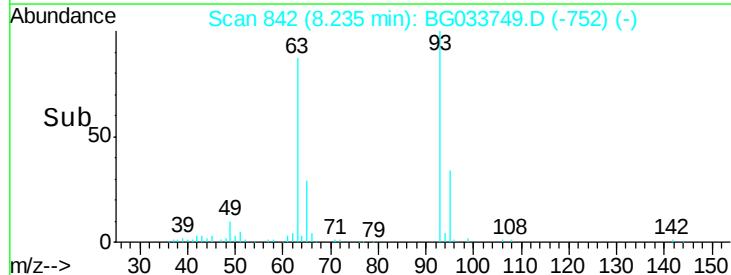
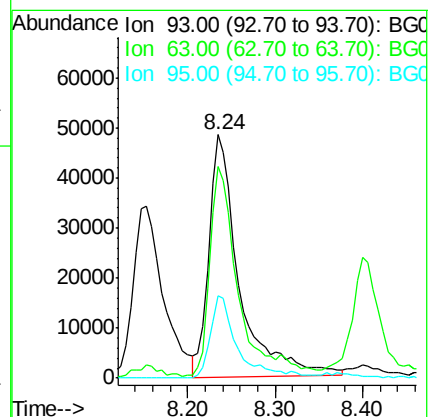
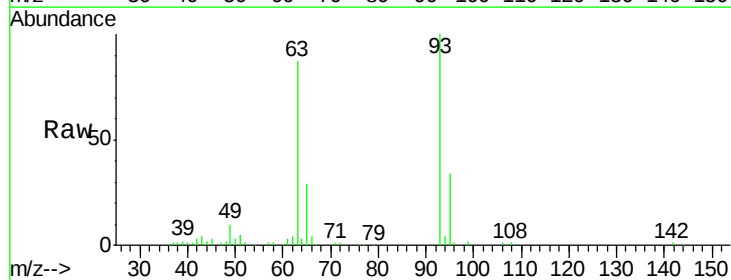
Tgt Ion: 93 Resp: 116830

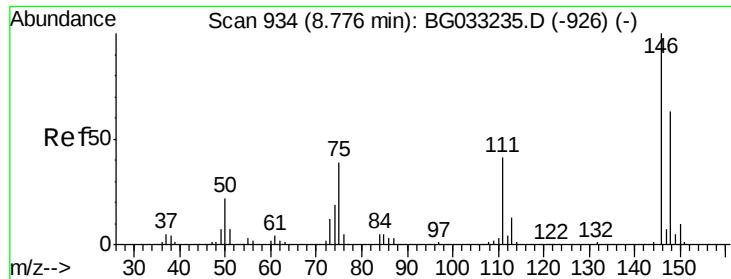
Ion Ratio Lower Upper

93 100

63 87.0 67.1 107.1

95 33.9 11.5 51.5

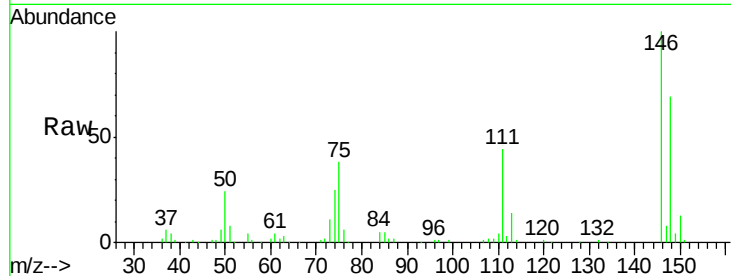




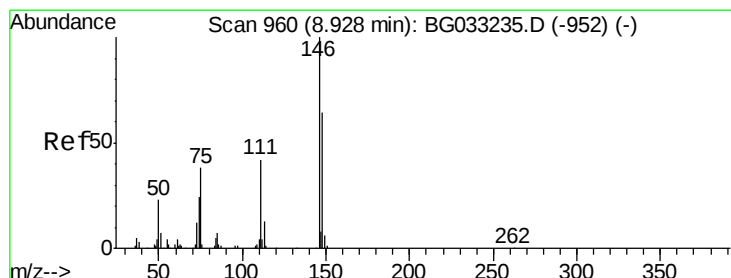
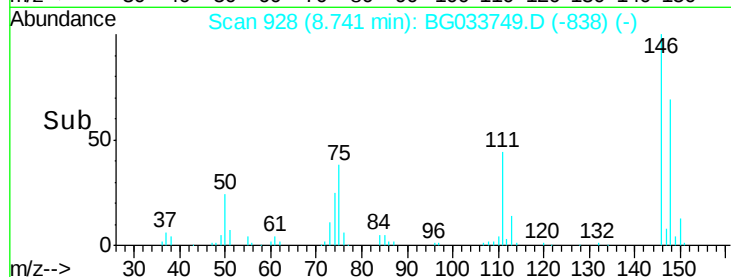
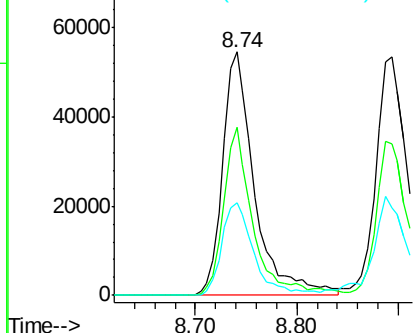
#12
 1,3-Dichlorobenzene
 Concen: 46.578 ng
 RT: 8.74 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 119117
 Ion Ratio Lower Upper
 146 100
 148 68.8 51.4 77.2
 75 37.9 26.6 39.8

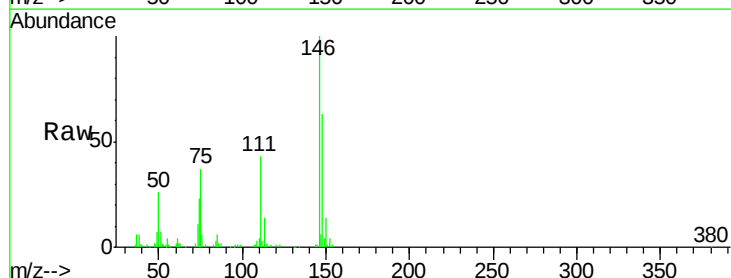


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BGC

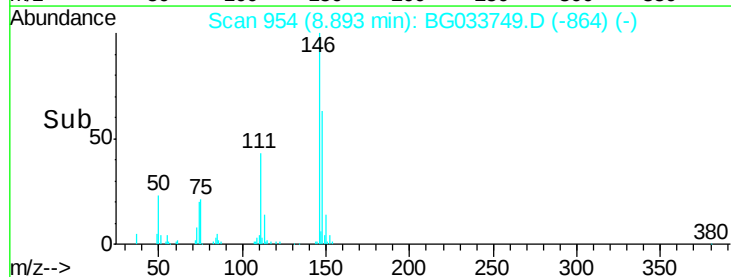
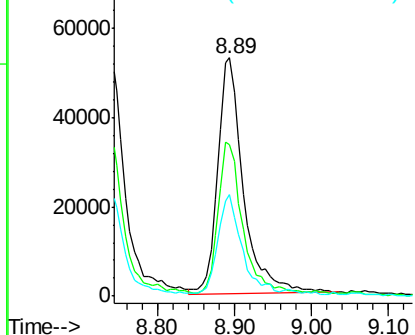


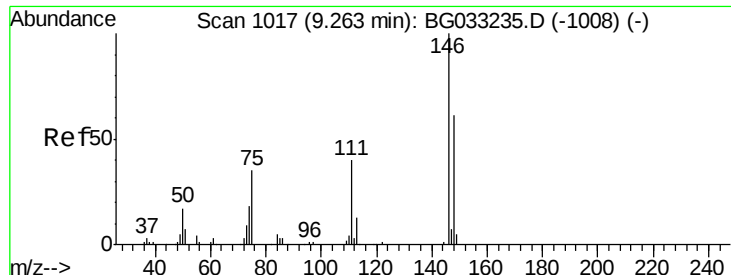
#13
 1,4-Dichlorobenzene
 Concen: 47.875 ng
 RT: 8.89 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Tgt Ion:146 Resp: 122617
 Ion Ratio Lower Upper
 146 100
 148 63.3 53.7 80.5
 111 42.8 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: 48.339 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

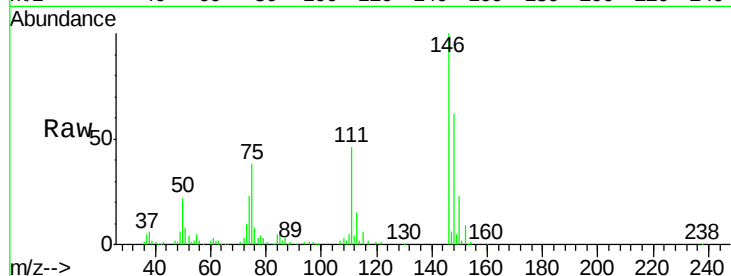
Tot Ion:146 Resp: 120833

Ion Ratio Lower Upper

146 100

148 62.1 49.3 73.9

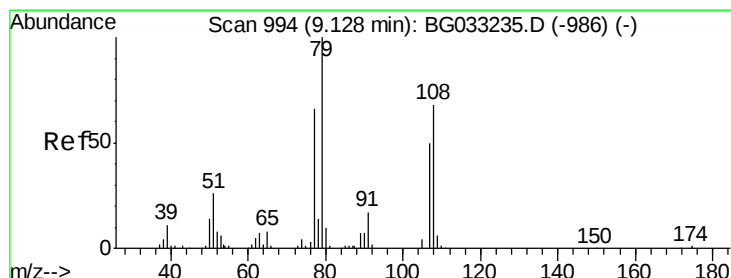
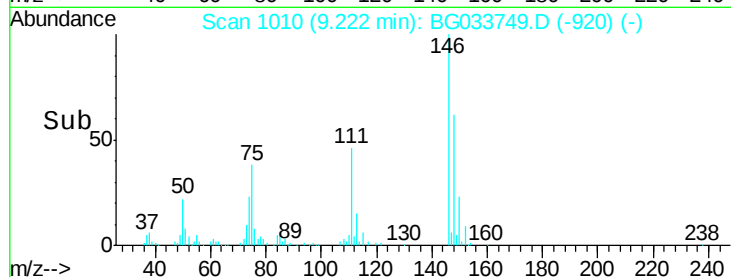
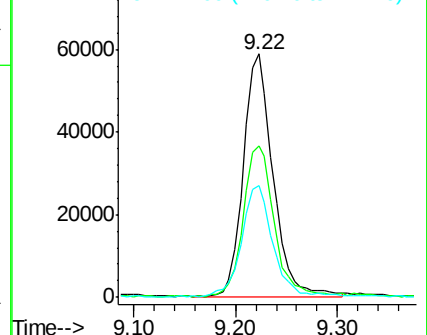
111 45.9 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 55.667 ng

RT: 9.09 min Scan# 988

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

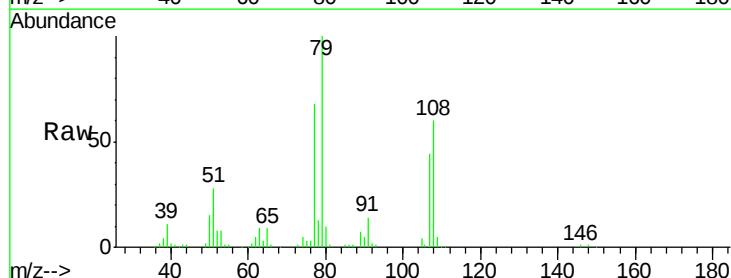
Tgt Ion: 79 Resp: 128853

Ion Ratio Lower Upper

79 100

108 60.4 57.2 85.8

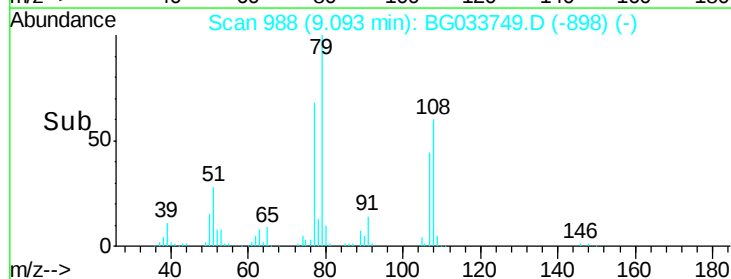
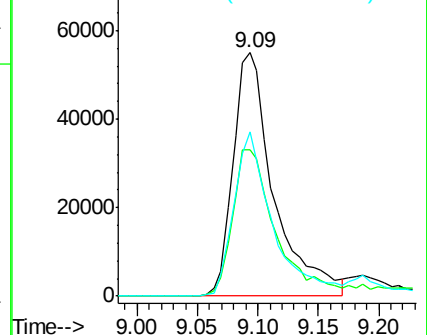
77 67.6 46.1 69.1

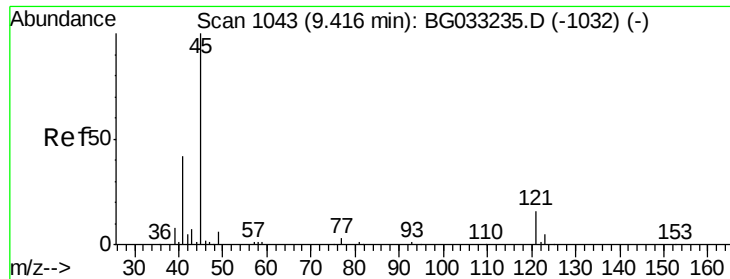


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

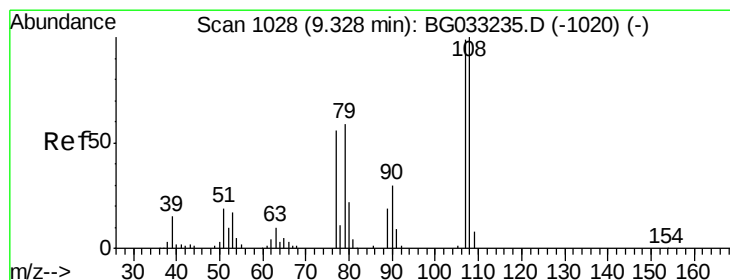
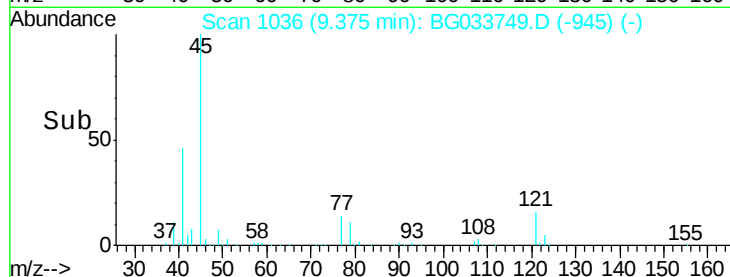
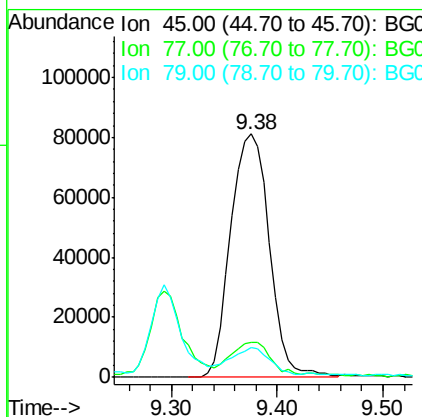
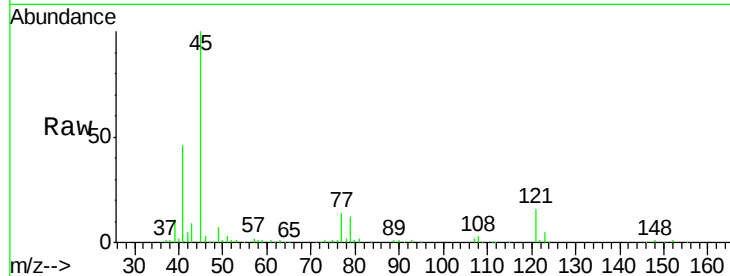




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 53.506 ng
RT: 9.38 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

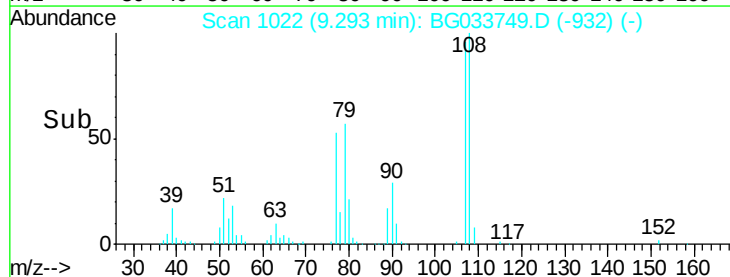
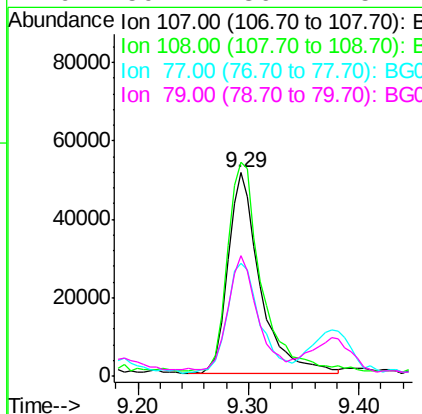
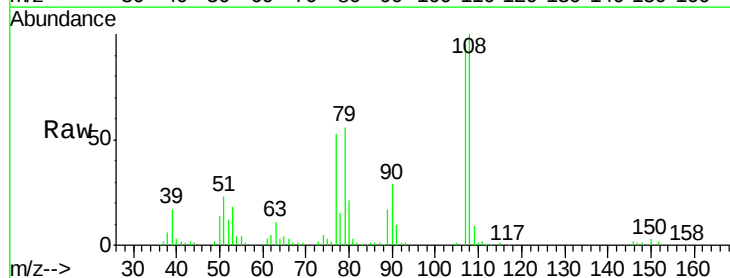
Instrument :
BNA_G
ClientSampleId :

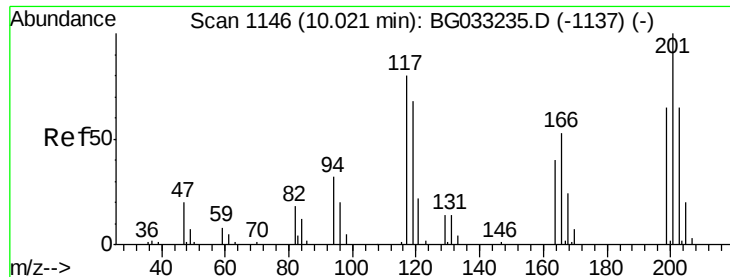
Tot Ion: 45 Resp: 206656
Ion Ratio Lower Upper
45 100
77 14.5 0.0 30.2
79 12.1 0.0 27.9



#17
2-Methylphenol
Concen: 53.431 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion:107 Resp: 105651
Ion Ratio Lower Upper
107 100
108 105.1 83.9 125.9
77 55.7 37.2 55.8
79 59.2 36.2 54.2#

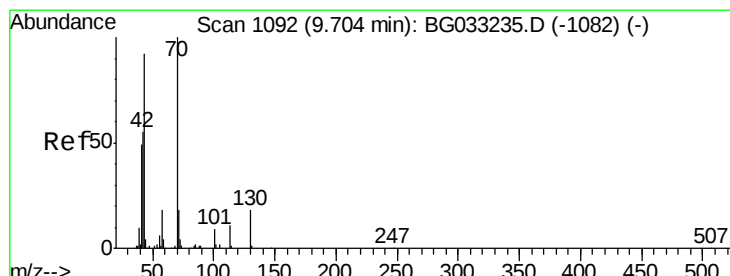
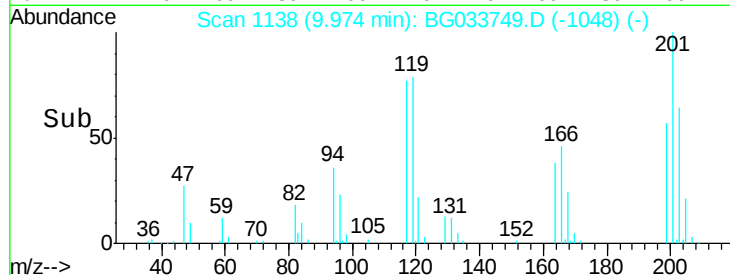
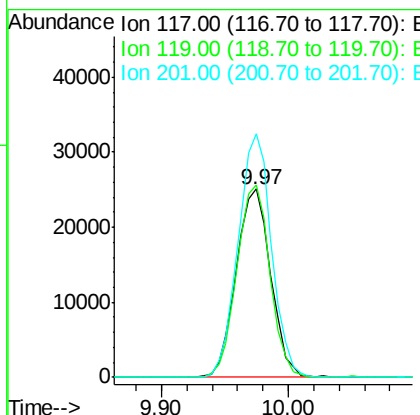
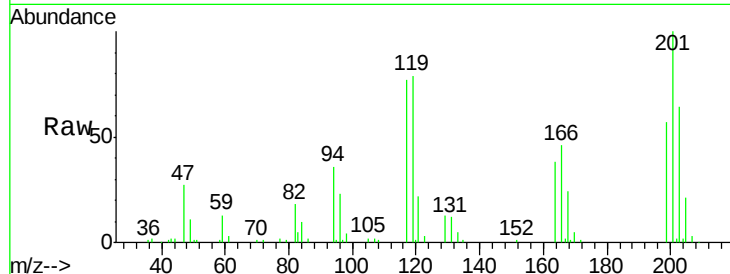




#18
Hexachloroethane
Concen: 47.934 ng
RT: 9.97 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

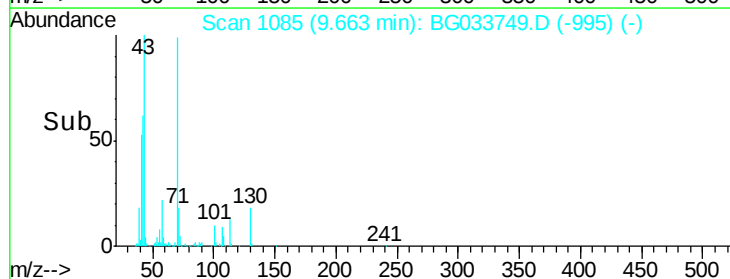
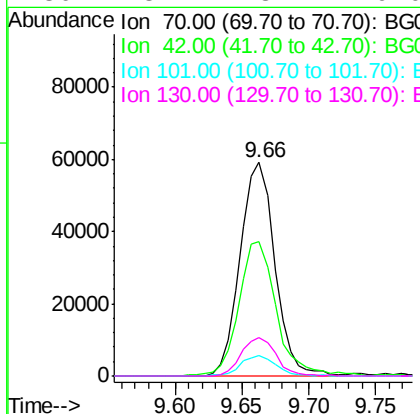
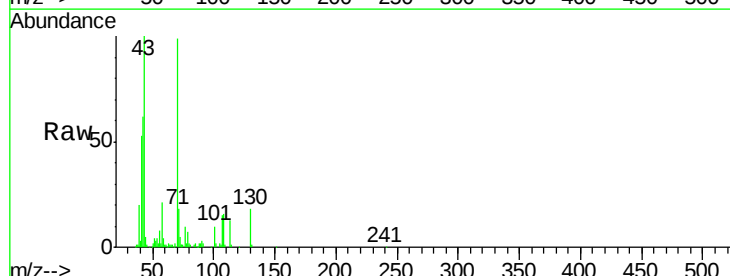
Instrument :
BNA_G
ClientSampleId :

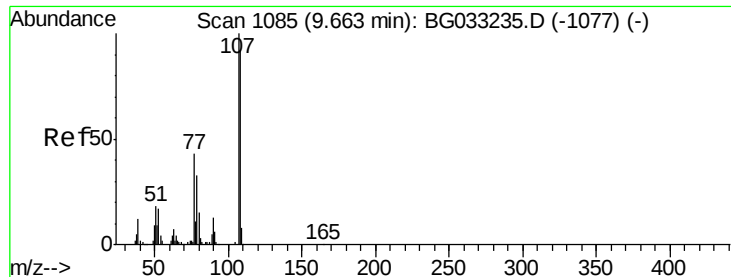
Tot Ion:117 Resp: 47383
Ion Ratio Lower Upper
117 100
119 102.1 76.7 115.1
201 129.5 95.7 143.5



#19
n-Nitroso-di-n-propylamine
Concen: 49.639 ng
RT: 9.66 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion: 70 Resp: 106935
Ion Ratio Lower Upper
70 100
42 63.1 49.1 73.7
101 9.9 8.5 12.7
130 18.1 13.4 20.0





#20

3+4-Methylphenols

Concen: 53.649 ng

RT: 9.63 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 151040

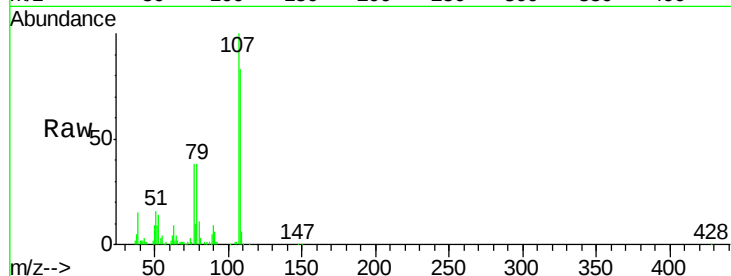
Ion Ratio Lower Upper

107 100

108 82.7 61.6 101.6

77 37.8 13.9 53.9

79 37.6 8.8 48.8

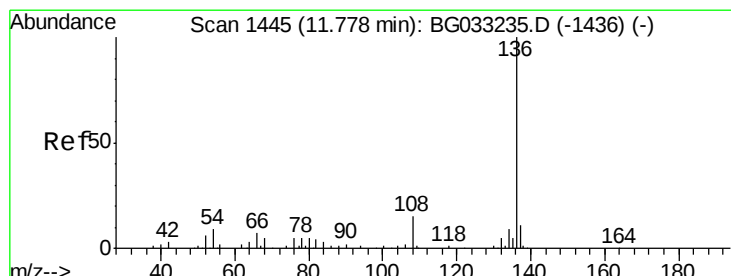
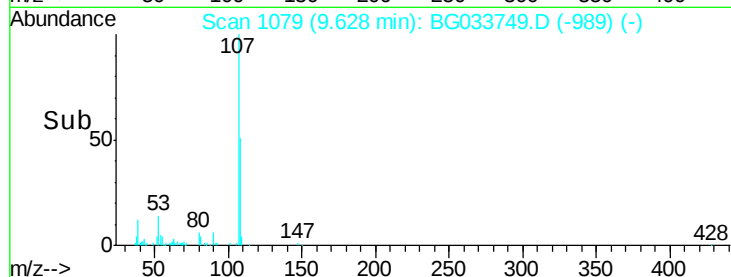
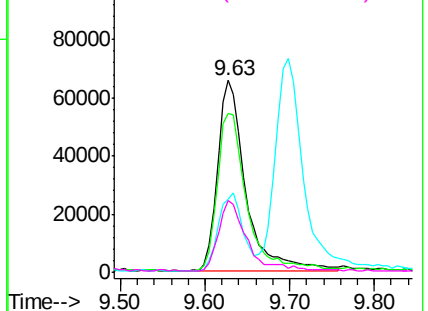


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Tgt Ion:136 Resp: 142951

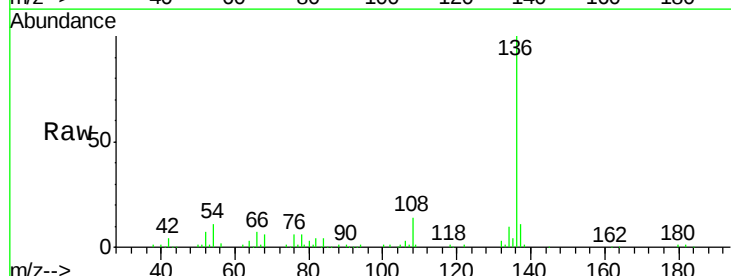
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 10.5 10.3 15.5

68 6.0 4.5 6.7

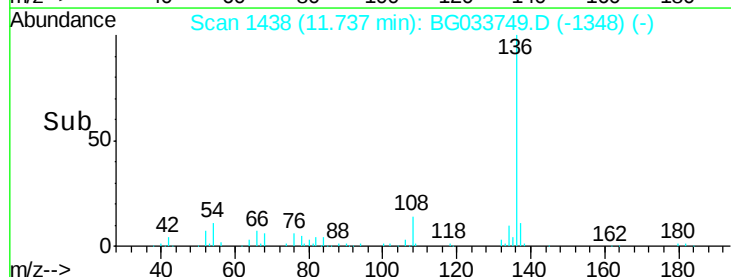
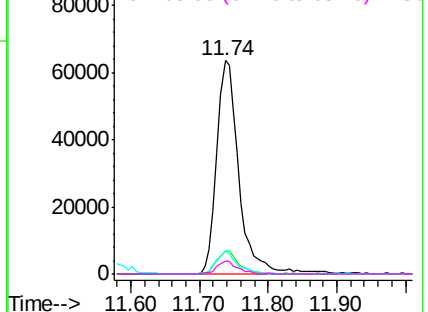


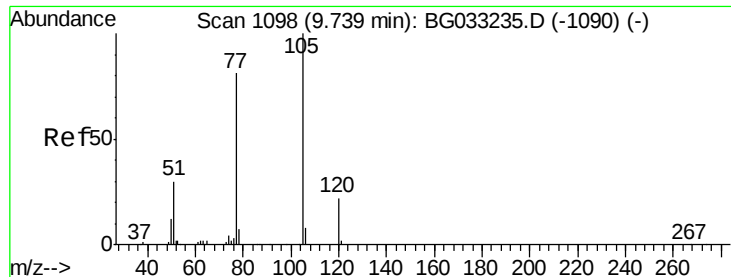
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 47.646 ng

RT: 9.70 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion:105 Resp: 186600

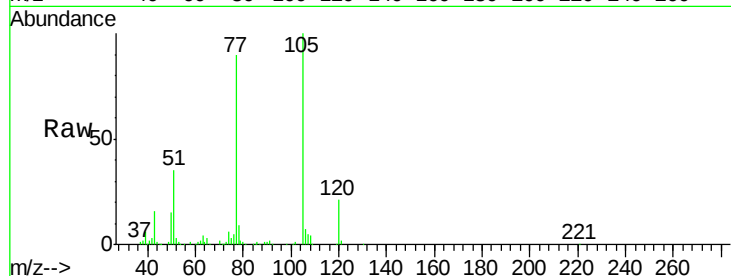
Ion Ratio Lower Upper

105 100

71 0.3 3.0 4.4#

51 34.6 26.1 39.1

120 21.0 17.4 26.2

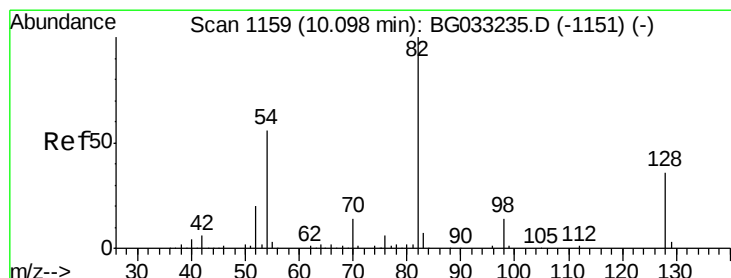
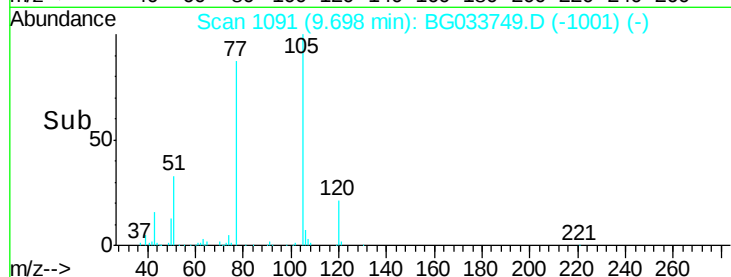
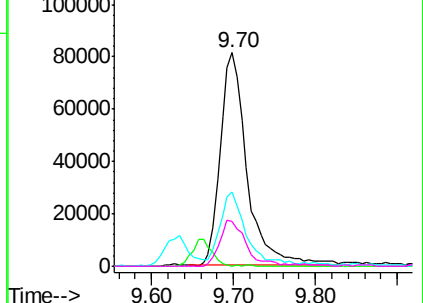


Abundance Ion 105.00 (104.70 to 105.70): E

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: 85.839 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

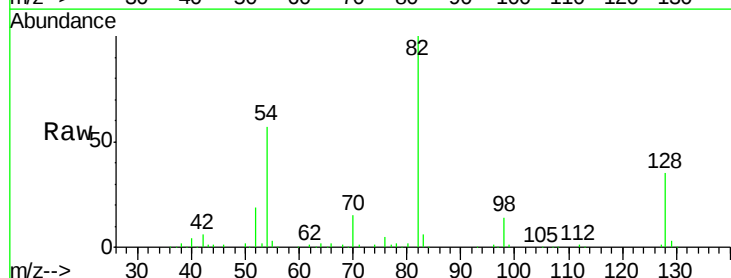
Tgt Ion: 82 Resp: 267080

Ion Ratio Lower Upper

82 100

128 34.7 29.7 44.5

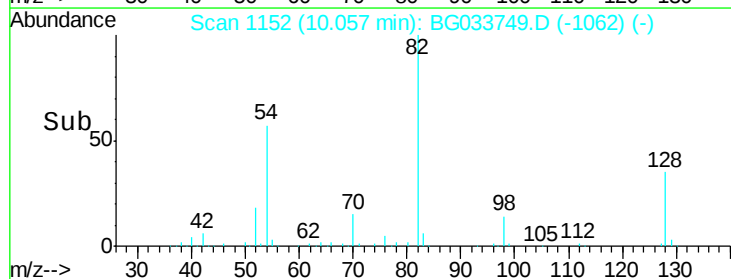
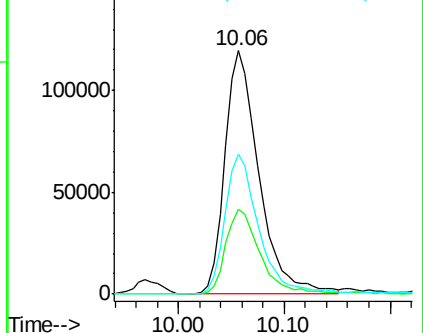
54 57.3 43.1 64.7

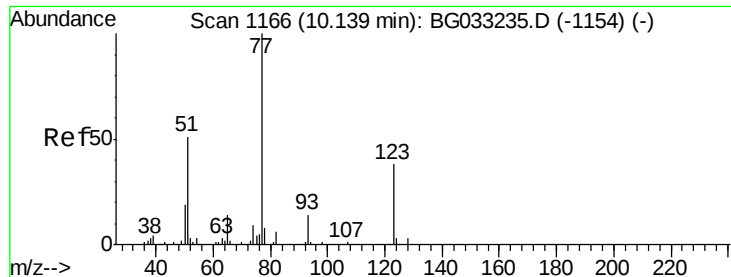


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

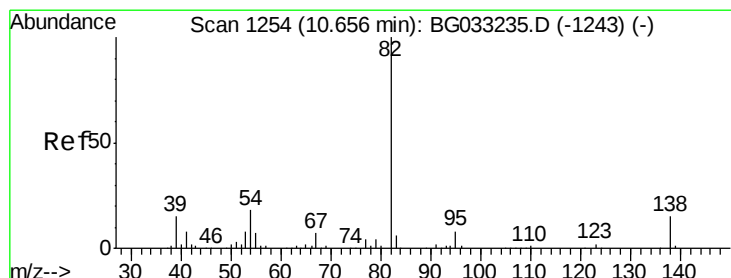
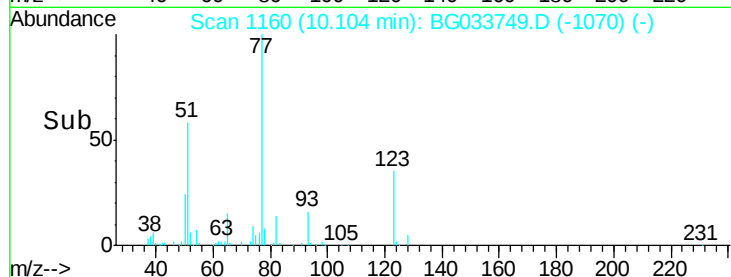
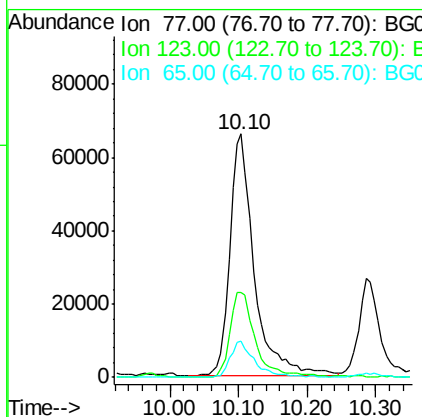
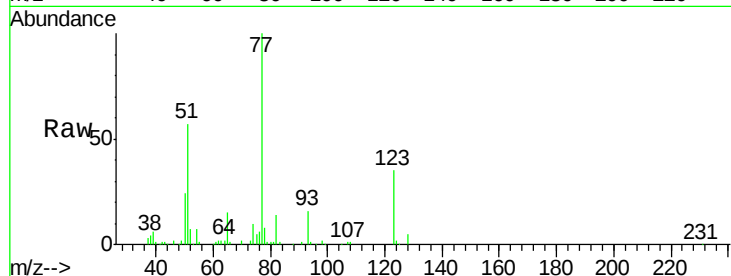




#24
 Nitrobenzene
 Concen: 49.190 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

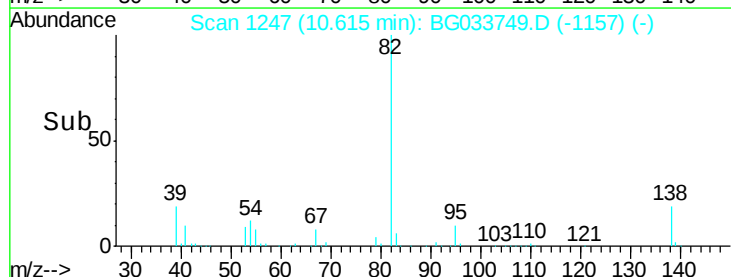
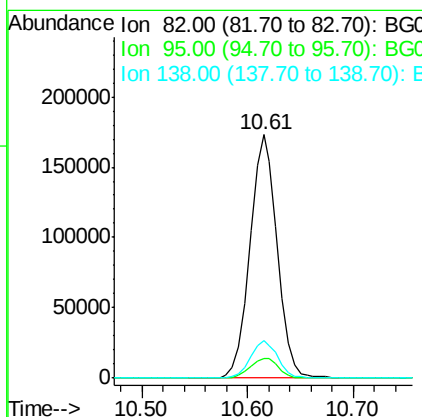
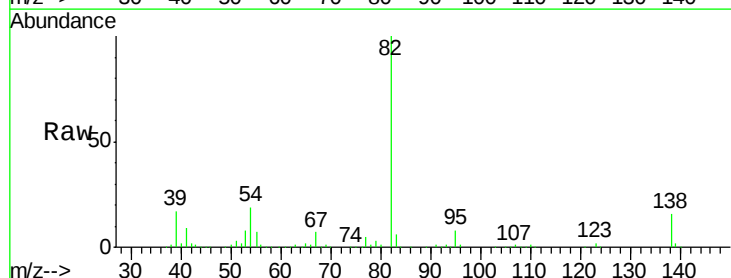
Instrument :
 BNA_G
 ClientSampleId :

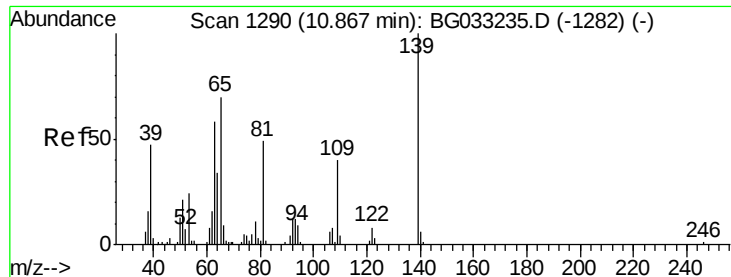
Tot Ion	Ratio	Lower	Upper
77	100		
123	35.0	33.0	49.6
65	15.0	13.0	19.6



#25
 Isophorone
 Concen: 51.120 ng
 RT: 10.61 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.2	9.2
138	15.6	12.1	18.1

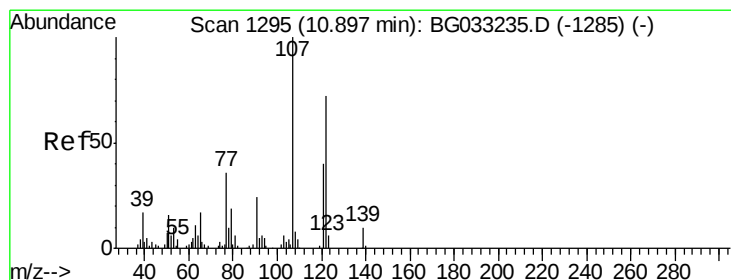
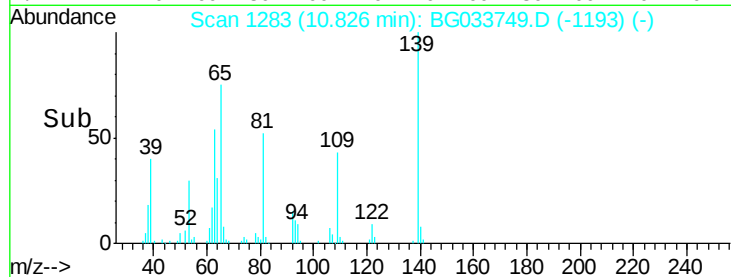
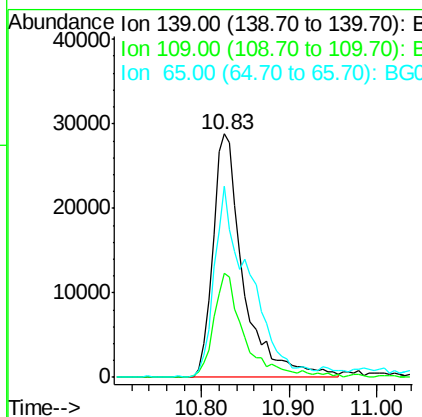
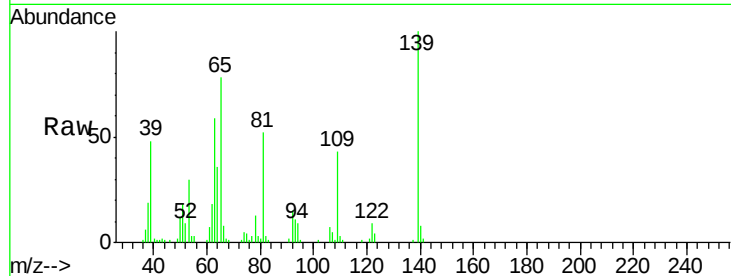




#26
2-Nitrophenol
Concen: 54.864 ng
RT: 10.83 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

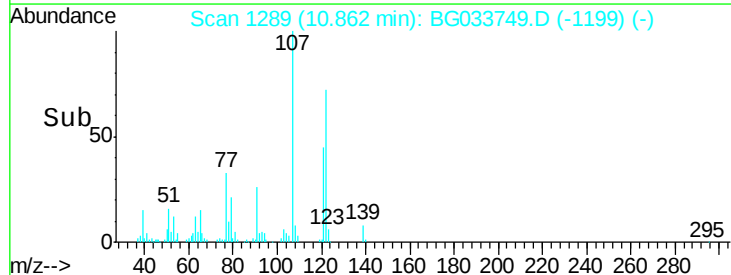
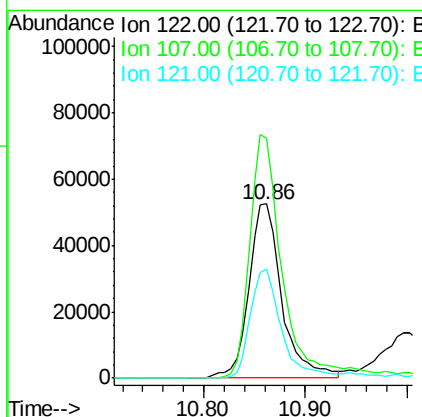
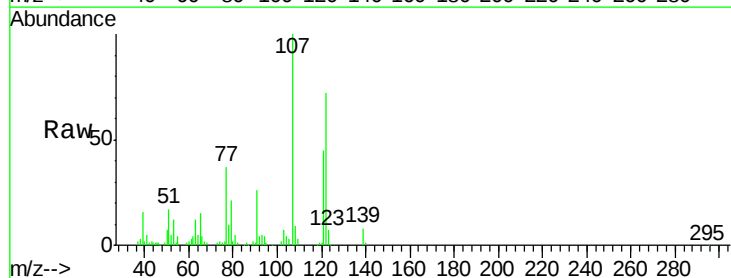
Instrument :
BNA_G
ClientSampled :

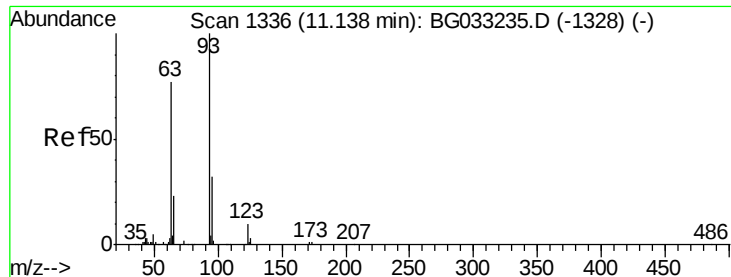
Tot Ion:139 Resp: 69176
Ion Ratio Lower Upper
139 100
109 42.5 24.2 36.2#
65 78.3 47.4 71.0#



#27
2,4-Dimethylphenol
Concen: 64.759 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion:122 Resp: 118616
Ion Ratio Lower Upper
122 100
107 138.0 100.2 150.2
121 62.7 44.4 66.6



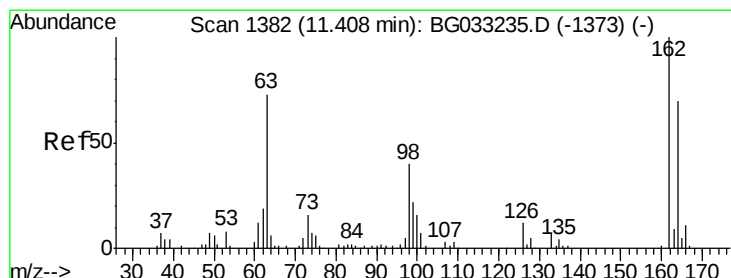
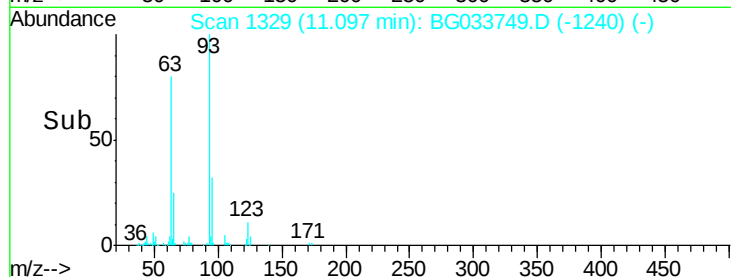
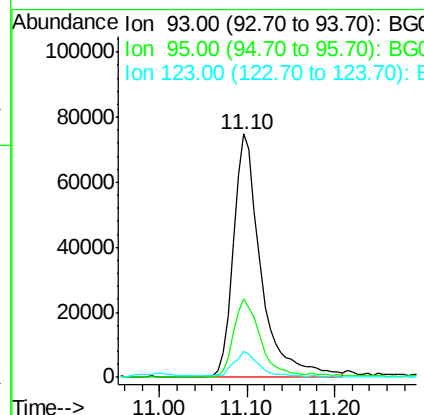
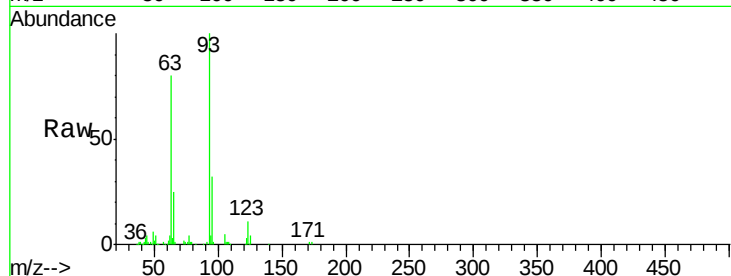


#28
bis(2-Chloroethoxy)methane
Concen: 53.264 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 160485

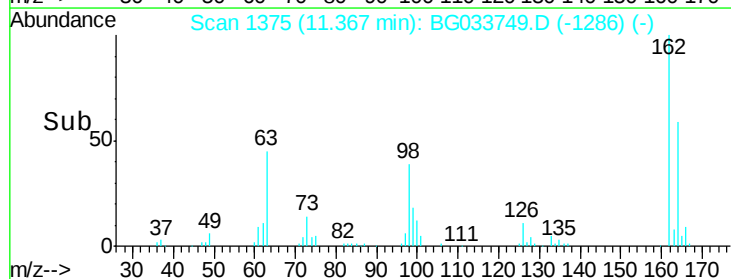
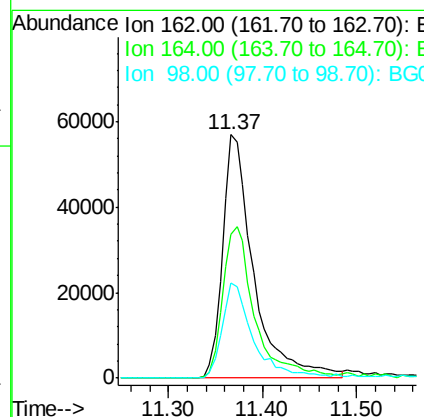
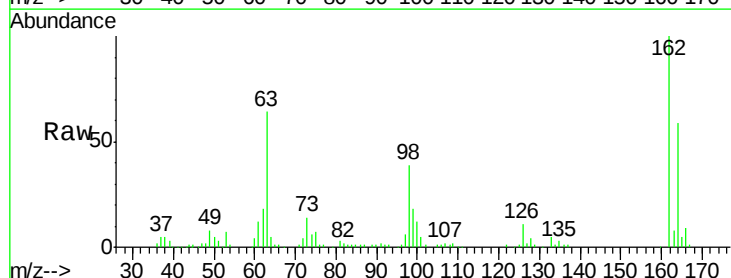
Ion	Ratio	Lower	Upper
93	100		
95	32.2	24.3	36.5
123	10.7	8.4	12.6

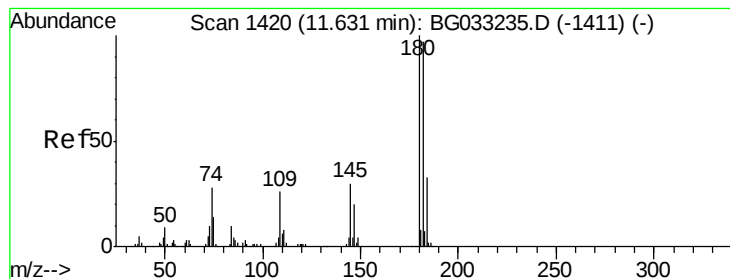


#29
2,4-Dichlorophenol
Concen: 58.239 ng
RT: 11.37 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion: 162 Resp: 131188

Ion	Ratio	Lower	Upper
162	100		
164	59.2	48.0	88.0
98	39.2	21.1	61.1

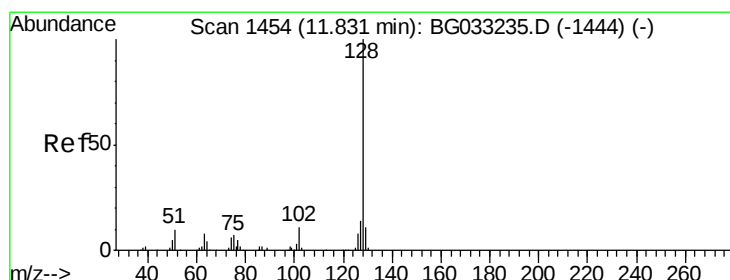
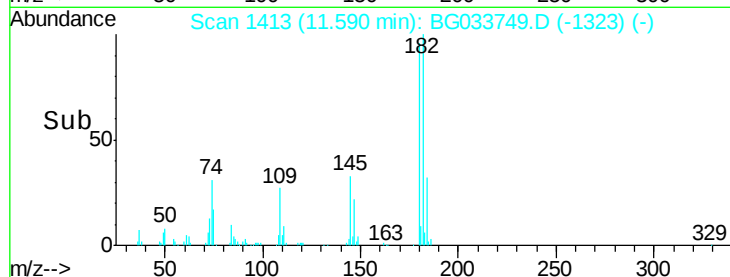
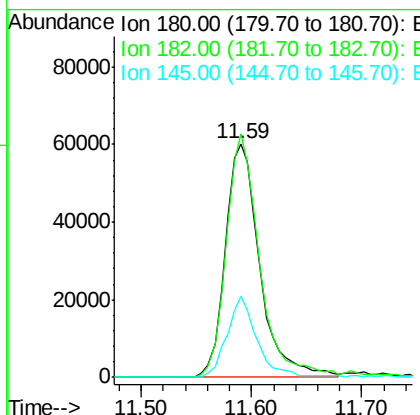
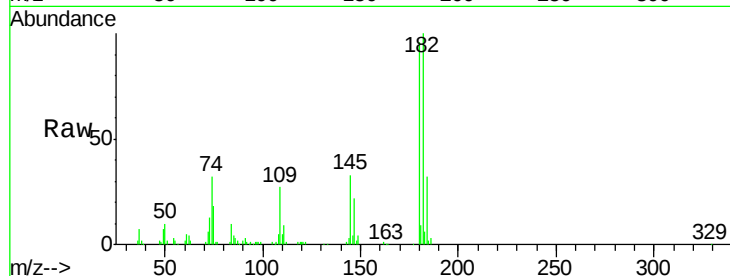




#30
 1,2,4-Trichlorobenzene
 Concen: 44.907 ng
 RT: 11.59 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

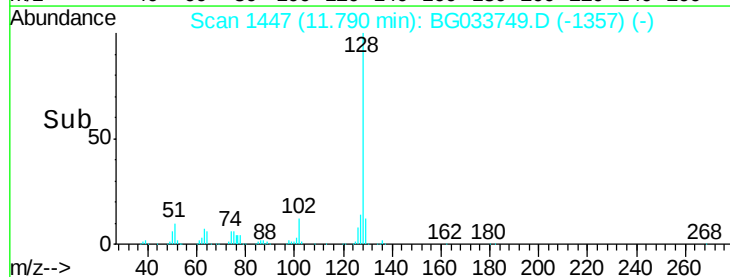
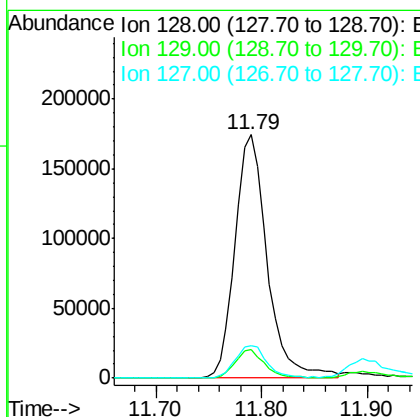
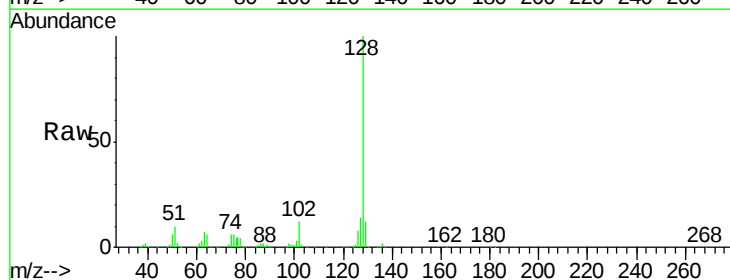
Instrument :
 BNA_G
 ClientSampleId :

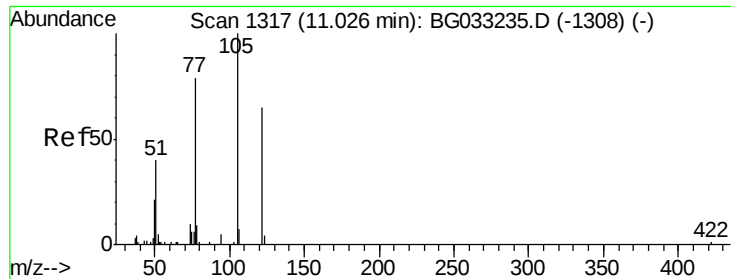
Tot Ion	Ratio	Lower	Upper
180	100		
182	104.2	77.5	116.3
145	34.8	23.4	35.2



#31
 Naphthalene
 Concen: 49.594 ng
 RT: 11.79 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	12.8
127	13.5	11.6	17.4

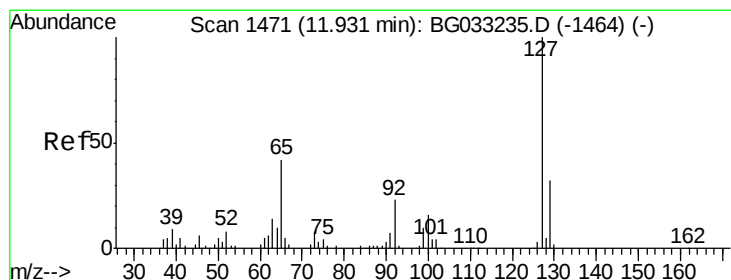
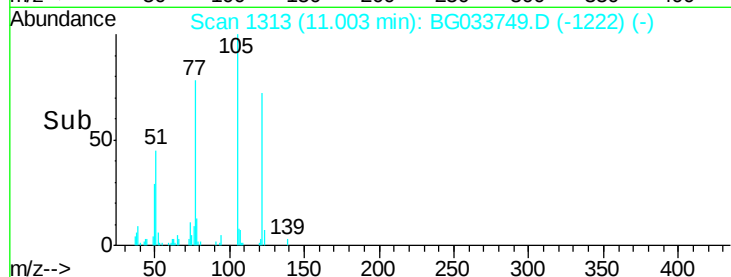
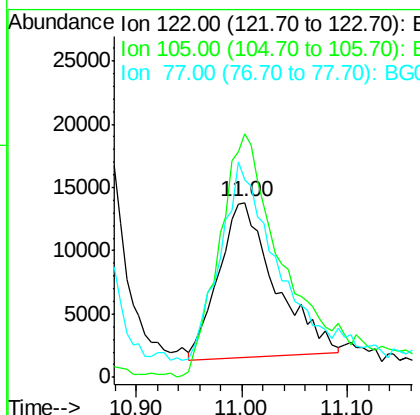
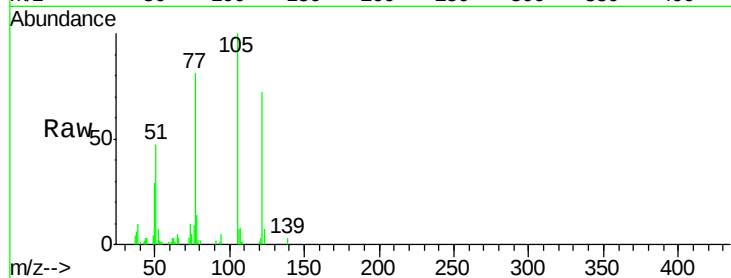




#32
Benzoic acid
Concen: 26.949 ng
RT: 11.00 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

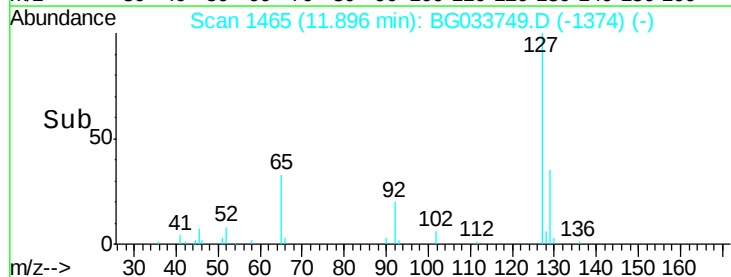
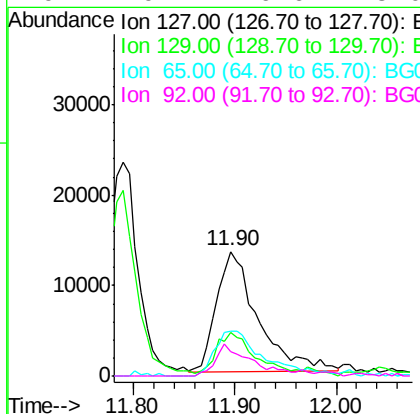
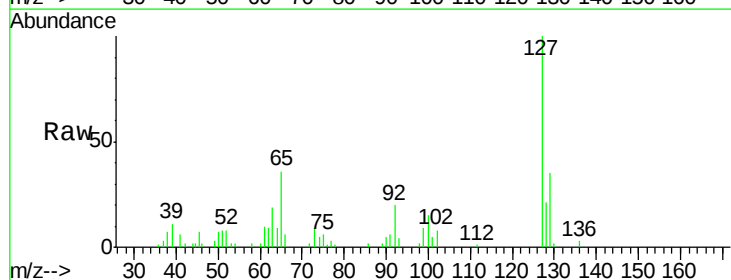
Instrument :
BNA_G
ClientSampleId :

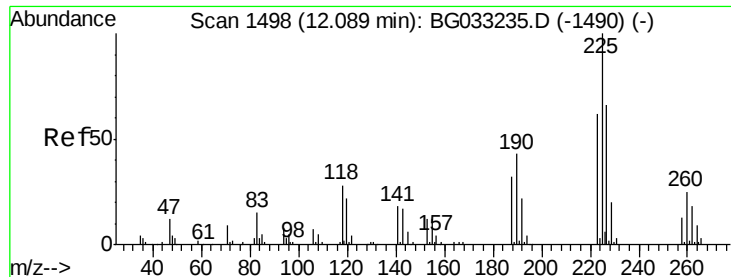
Tot Ion:122 Resp: 45887
Ion Ratio Lower Upper
122 100
105 139.2 123.5 163.5
77 113.1 85.7 125.7



#33
4-Chloroaniline
Concen: 11.398 ng
RT: 11.90 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion:127 Resp: 37829
Ion Ratio Lower Upper
127 100
129 35.1 24.0 36.0
65 35.6 27.0 40.4
92 19.7 16.6 25.0

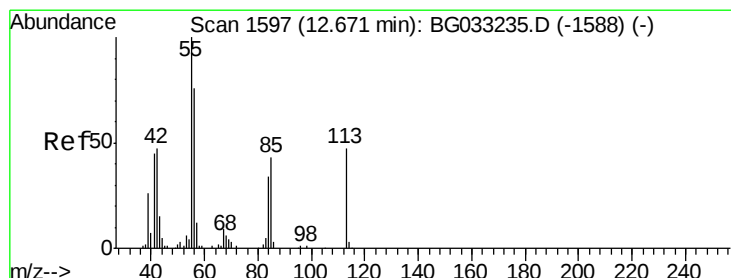
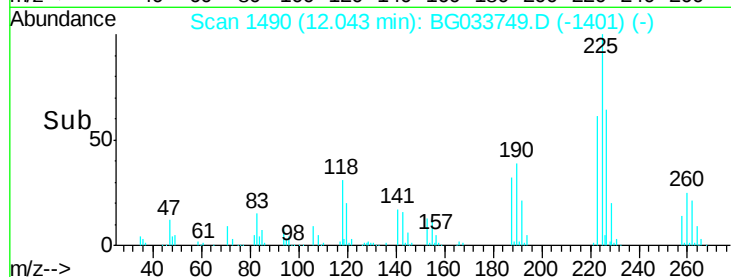
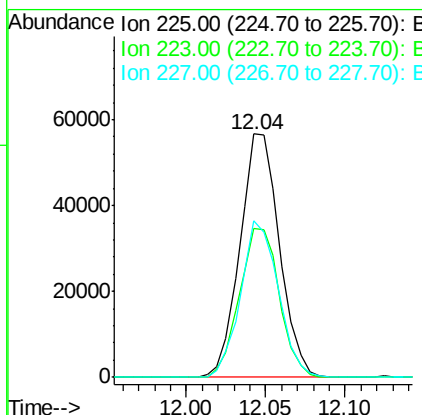
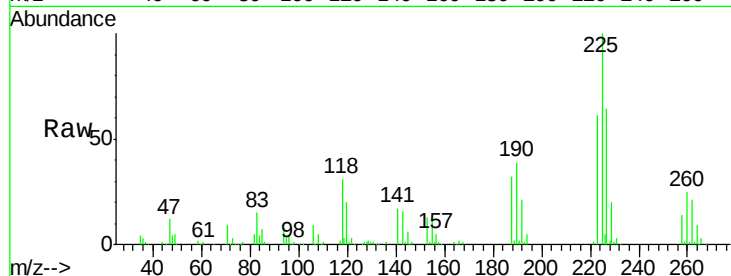




#34
Hexachlorobutadiene
Concen: 44.237 ng
RT: 12.04 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

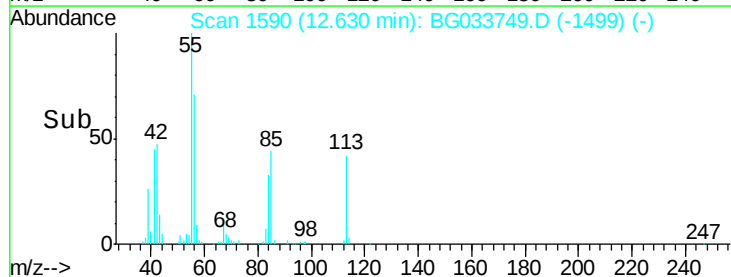
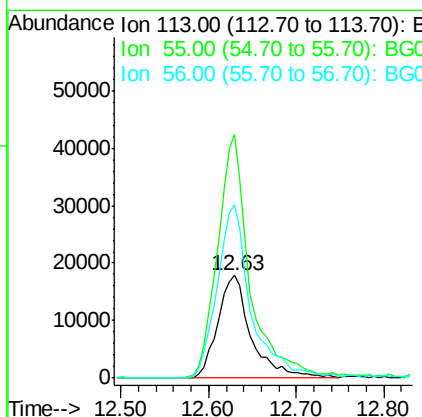
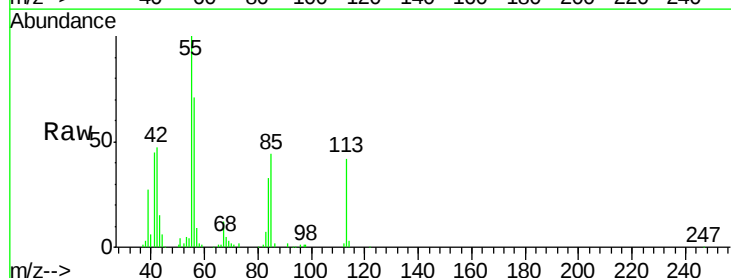
Instrument :
BNA_G
ClientSampleId :

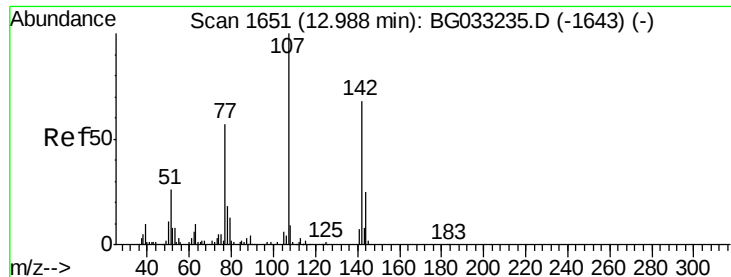
Tot Ion:225 Resp: 97904
Ion Ratio Lower Upper
225 100
223 61.2 49.7 74.5
227 64.2 48.1 72.1



#35
Caprolactam
Concen: 53.221 ng
RT: 12.63 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion:113 Resp: 46966
Ion Ratio Lower Upper
113 100
55 238.2 186.9 226.9#
56 169.1 130.9 170.9





#36

4-Chloro-3-methylphenol

Concen: 55.111 ng

RT: 12.95 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

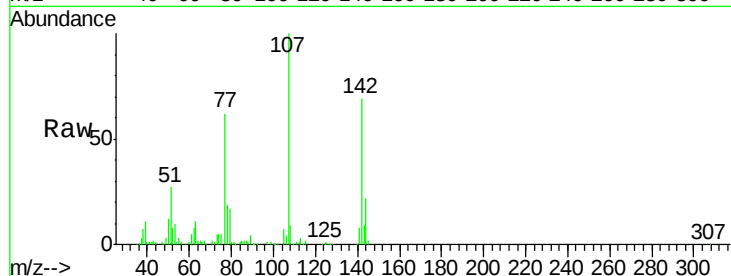
Tot Ion:107 Resp: 161911

Ion Ratio Lower Upper

107 100

144 21.8 18.2 27.4

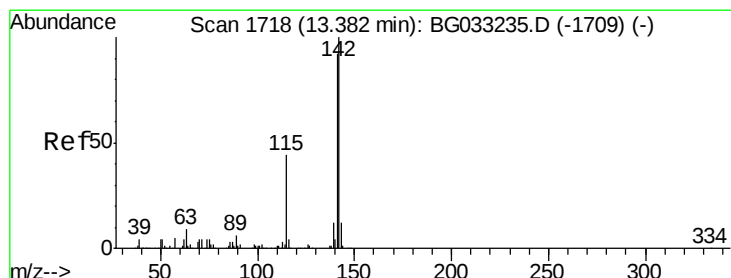
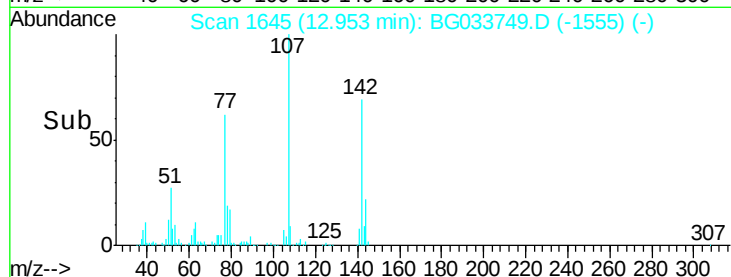
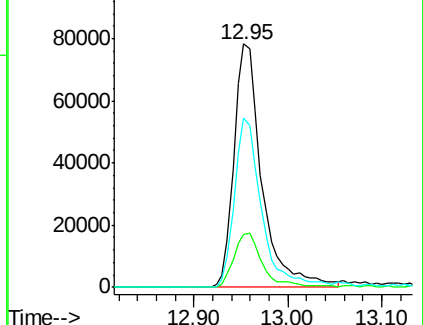
142 69.5 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 48.522 ng

RT: 13.34 min Scan# 1711

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

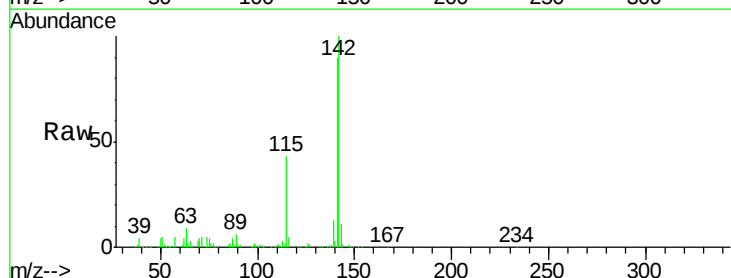
Tgt Ion:142 Resp: 278985

Ion Ratio Lower Upper

142 100

141 90.4 67.1 100.7

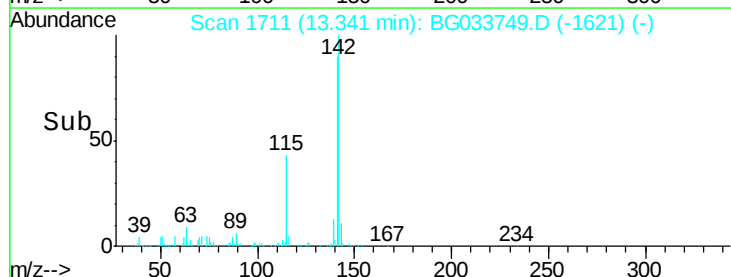
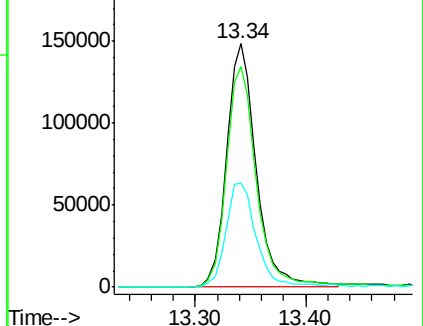
115 42.9 30.7 46.1

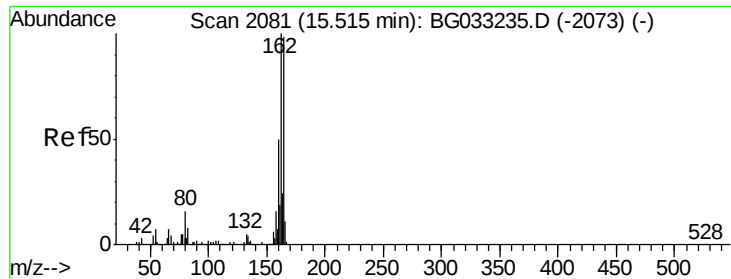


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

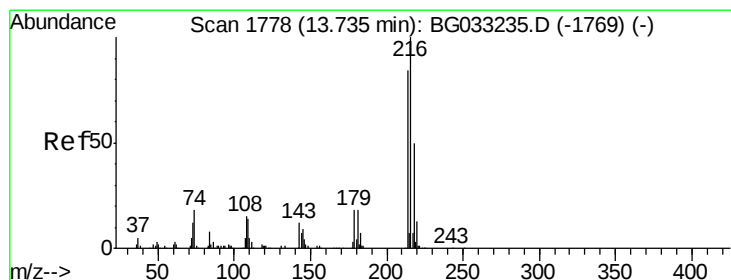
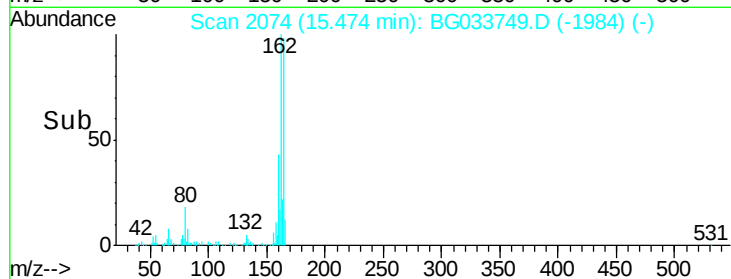
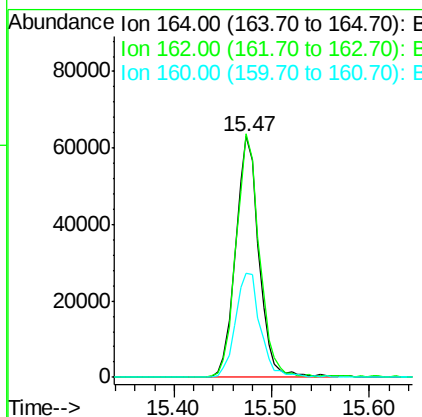
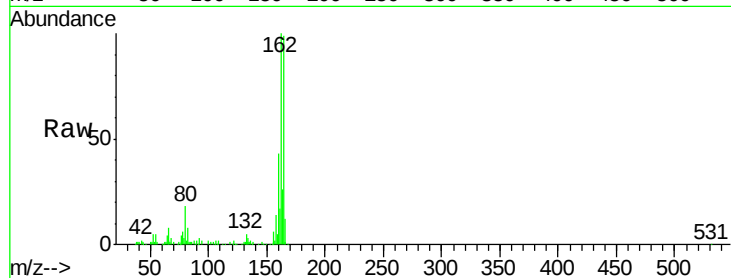




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

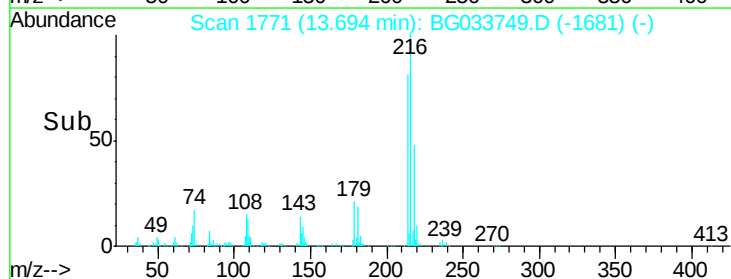
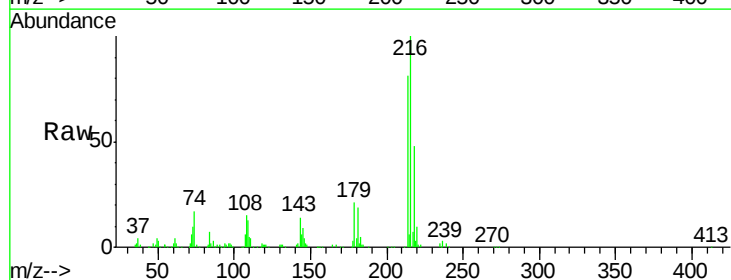
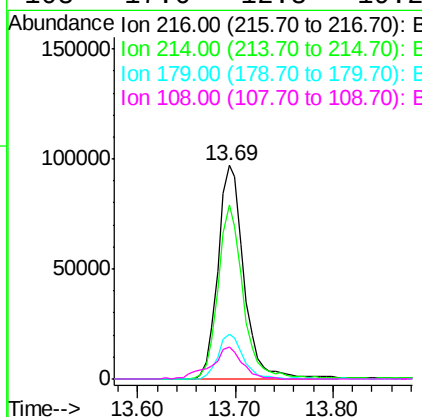
Instrument :
 BNA_G
 ClientSampleId :

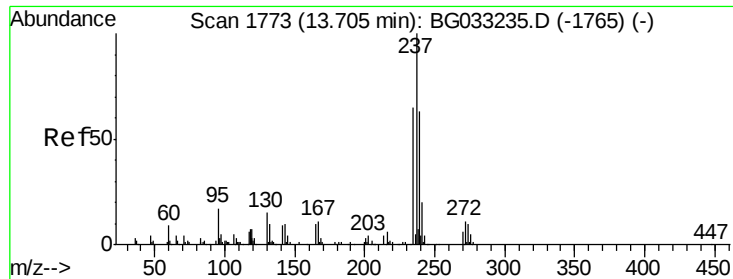
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	78.8	118.2
160	43.2	35.4	53.0



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.081 ng
 RT: 13.69 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	20.1	17.0	25.6
108	17.6	12.8	19.2

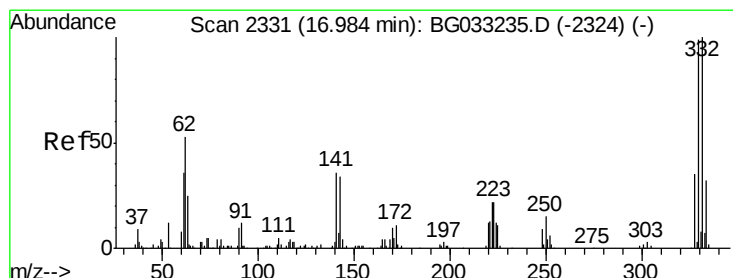
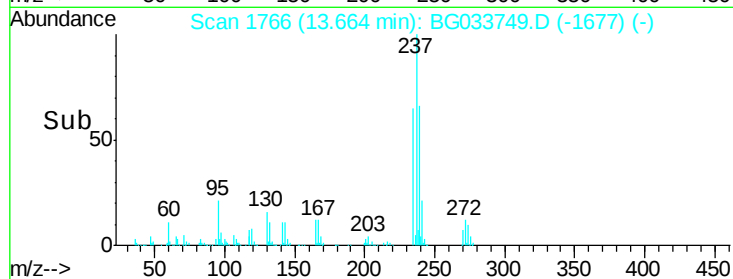
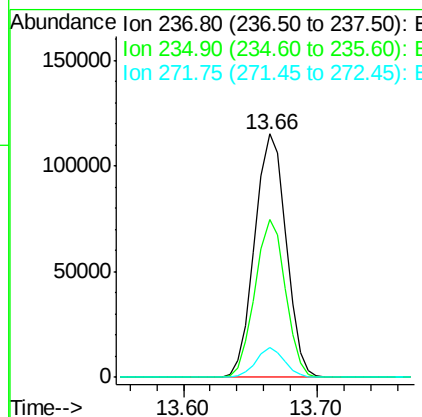
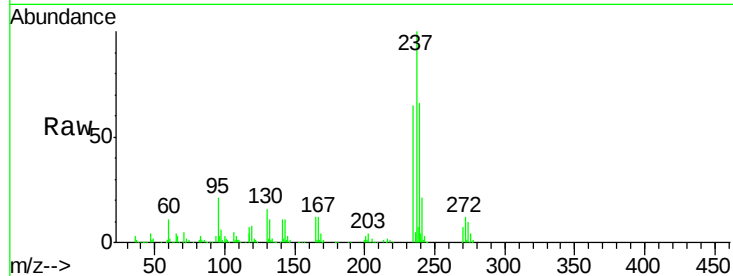




#40
Hexachlorocyclopentadiene
Concen: 83.991 ng
RT: 13.66 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

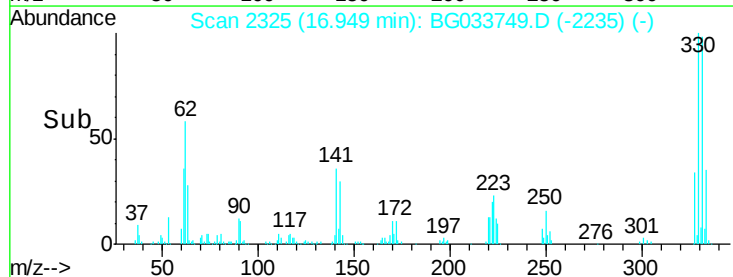
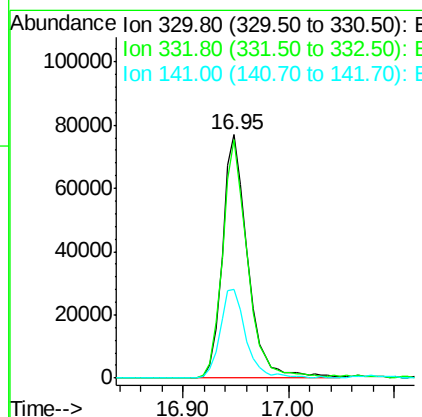
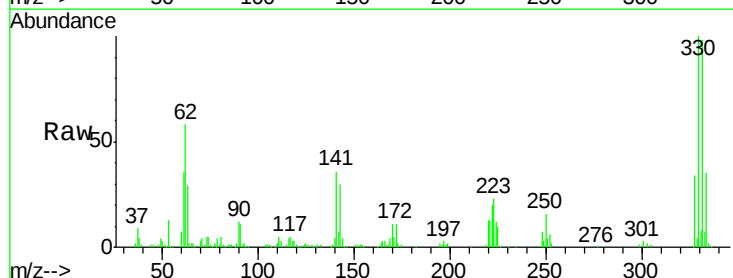
Instrument :
BNA_G
ClientSampleId :

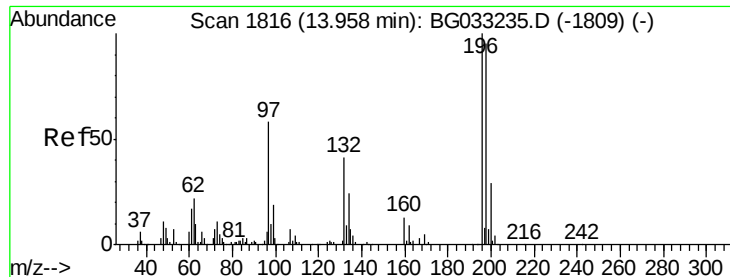
Tot Ion:237 Resp: 187013
Ion Ratio Lower Upper
237 100
235 64.9 50.4 90.4
272 12.2 0.0 31.8



#41
2,4,6-Tribromophenol
Concen: 81.581 ng
RT: 16.95 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion:330 Resp: 127939
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 37.5 25.2 37.8





#42

2,4,6-Trichlorophenol

Concen: 54.297 ng

RT: 13.92 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

ClientSampled :

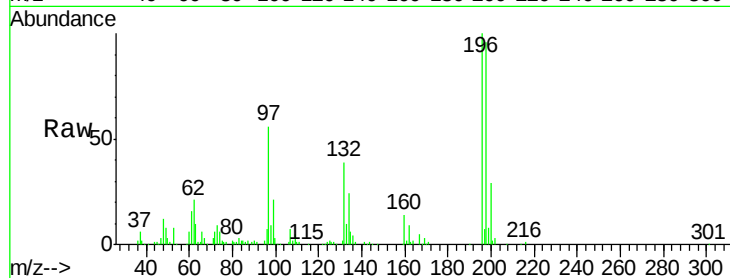
Tot Ion:196 Resp: 119820

Ion Ratio Lower Upper

196 100

198 95.9 78.2 117.2

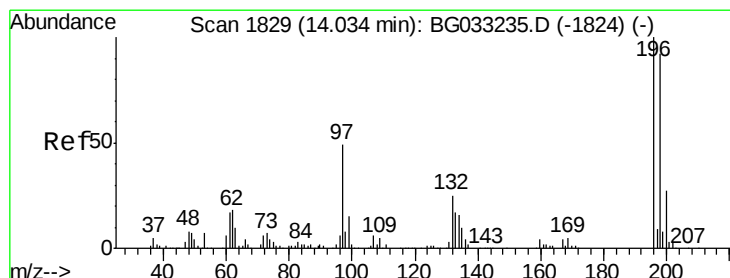
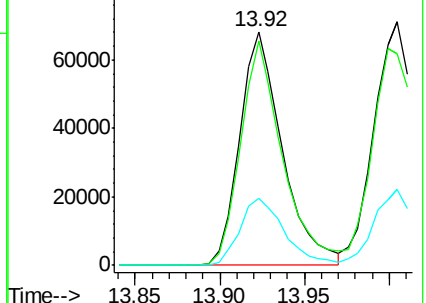
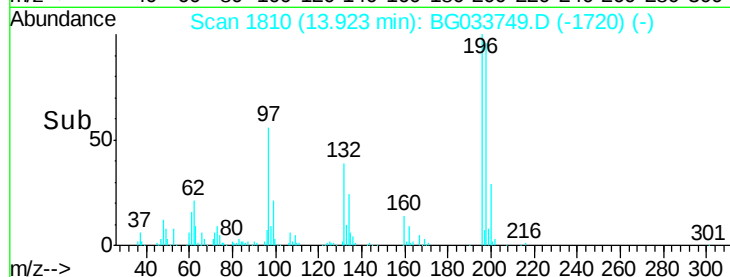
200 28.6 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 52.937 ng

RT: 14.01 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Tgt Ion:196 Resp: 138080

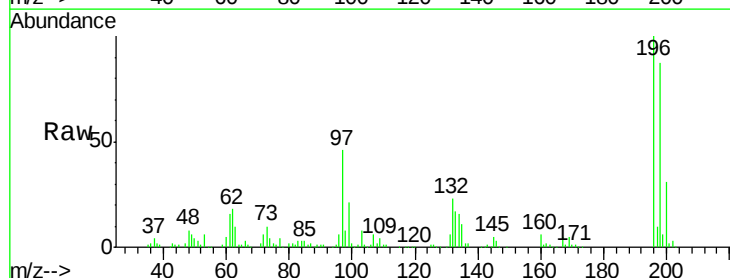
Ion Ratio Lower Upper

196 100

198 87.2 76.2 114.4

97 45.8 38.7 58.1

132 23.3 20.2 30.2

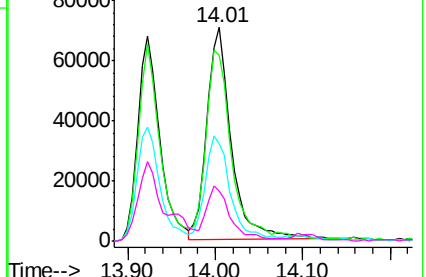
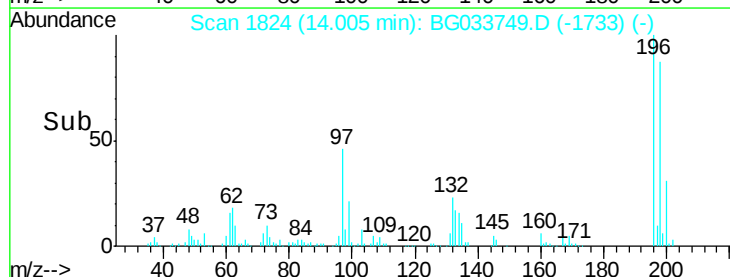


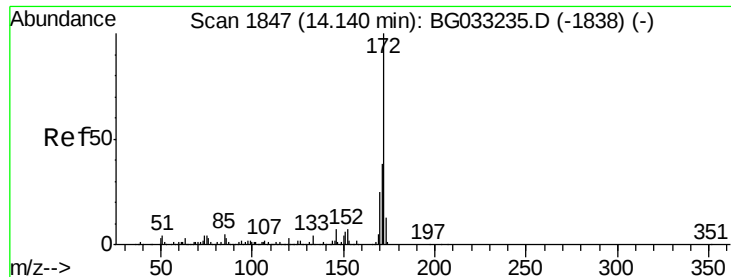
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

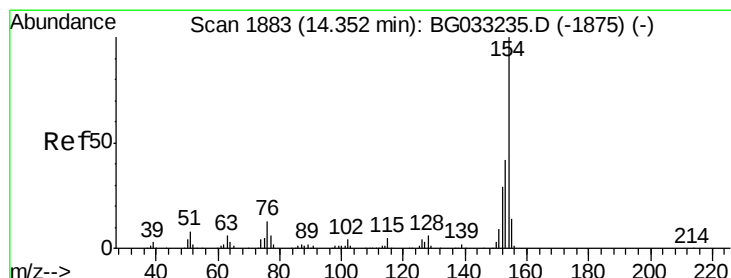
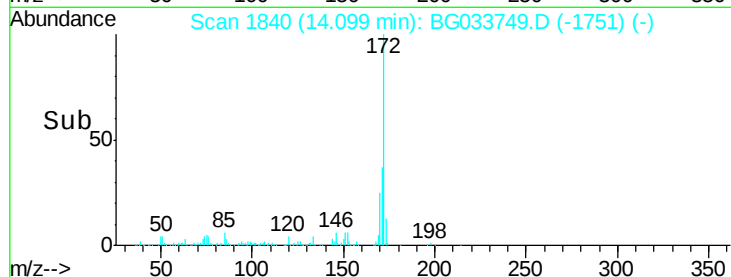
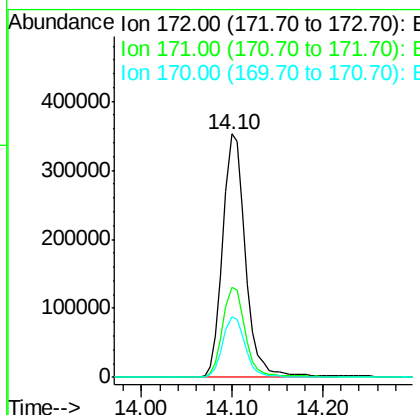
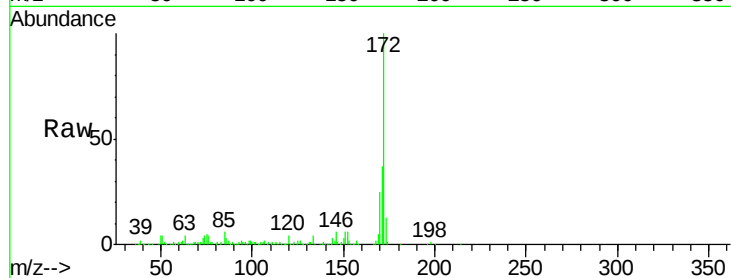




#44
2-Fluorobiphenyl
Concen: 85.292 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

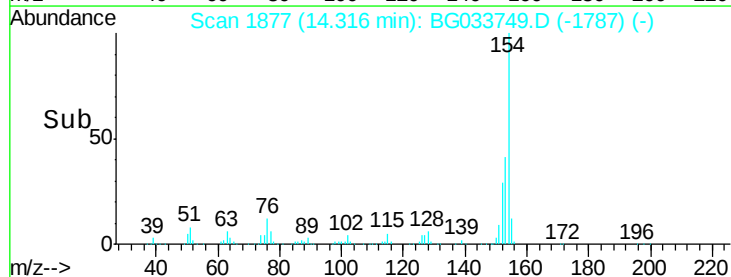
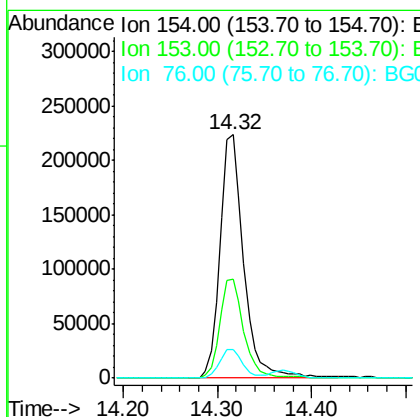
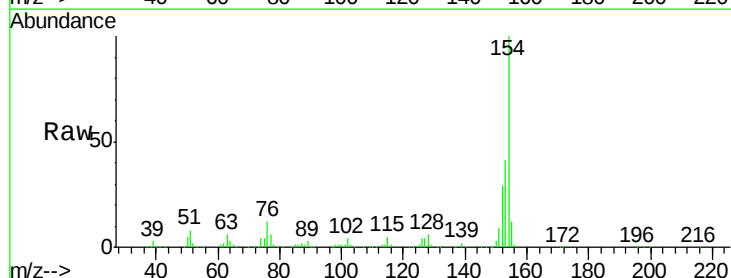
Instrument :
BNA_G
ClientSampleId :

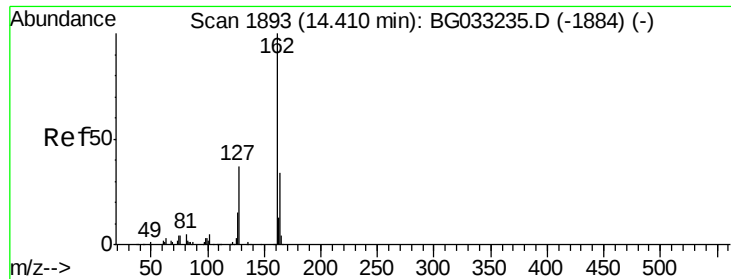
Tot Ion:172 Resp: 619505
Ion Ratio Lower Upper
172 100
171 36.9 30.0 45.0
170 24.8 19.5 29.3



#45
1,1'-Biphenyl
Concen: 48.683 ng
RT: 14.32 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion:154 Resp: 392179
Ion Ratio Lower Upper
154 100
153 40.7 19.8 59.8
76 11.7 0.0 31.9

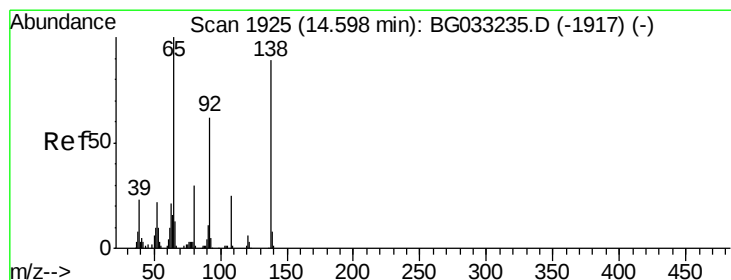
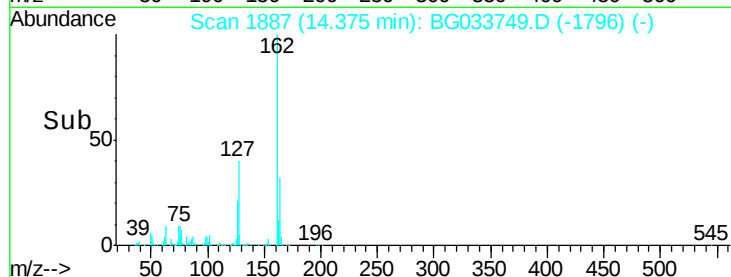
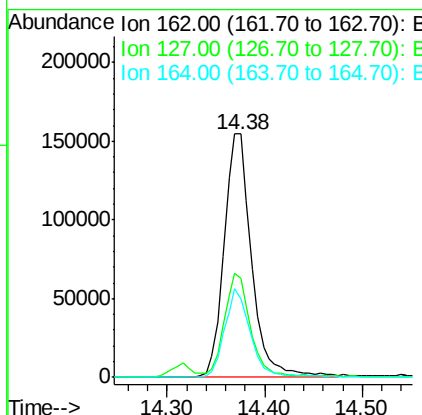
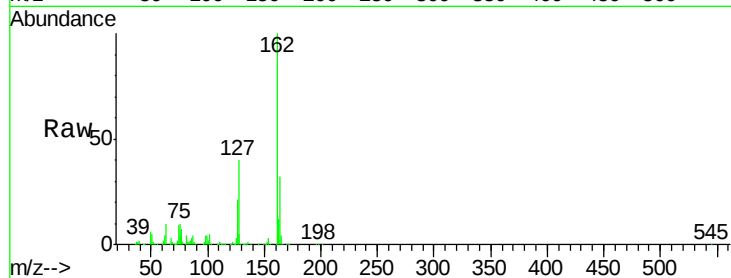




#46
2-Chloronaphthalene
Concen: 48.675 ng
RT: 14.38 min Scan# 1887
Delta R.T. 0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

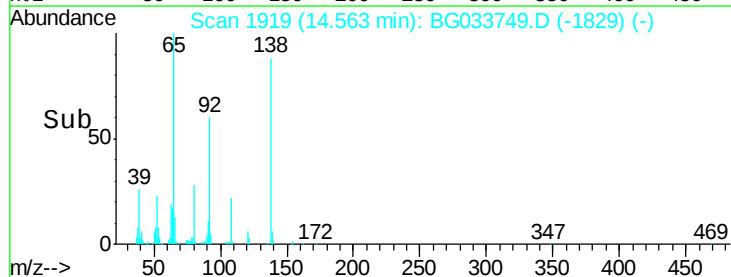
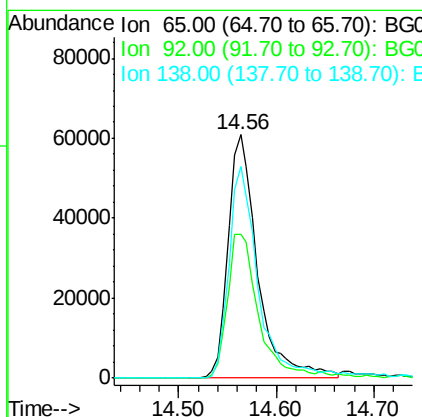
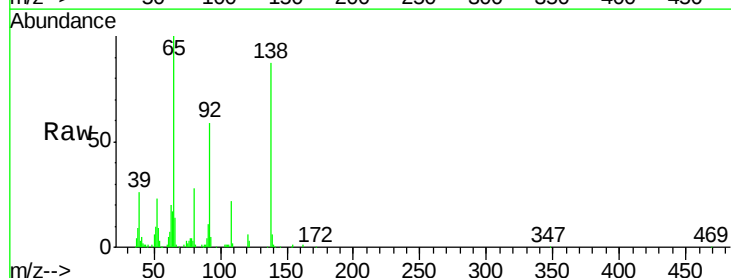
Instrument :
BNA_G
ClientSampleId :

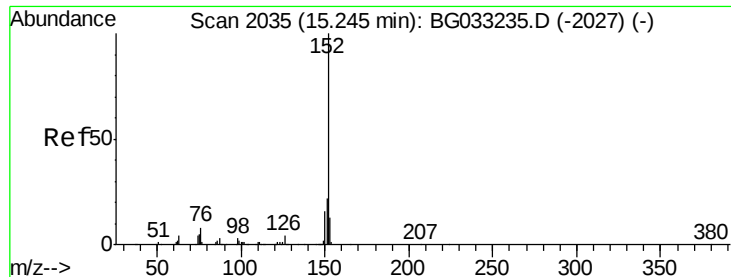
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	30.7	46.1
164	32.1	26.0	39.0



#47
2-Nitroaniline
Concen: 55.129 ng
RT: 14.56 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.1	54.6	82.0
138	86.9	72.9	109.3





#48

Acenaphthylene

Concen: 48.586 ng

RT: 15.20 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

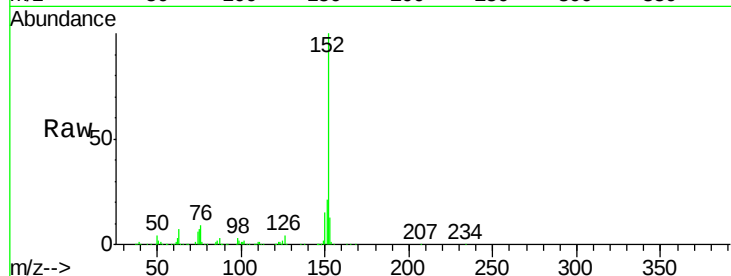
Tot Ion:152 Resp: 503741

Ion Ratio Lower Upper

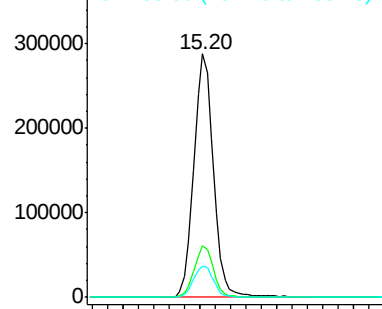
152 100

151 21.0 17.2 25.8

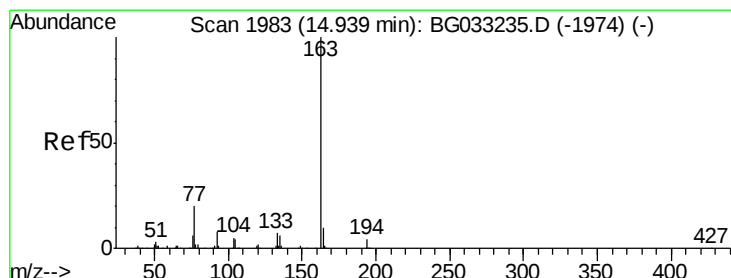
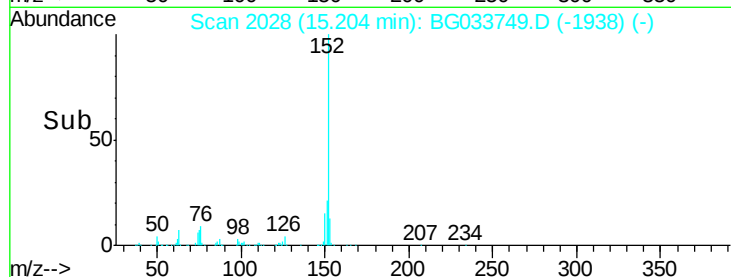
153 12.6 10.2 15.4



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



Time-->



#49

Dimethylphthalate

Concen: 48.400 ng

RT: 14.90 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

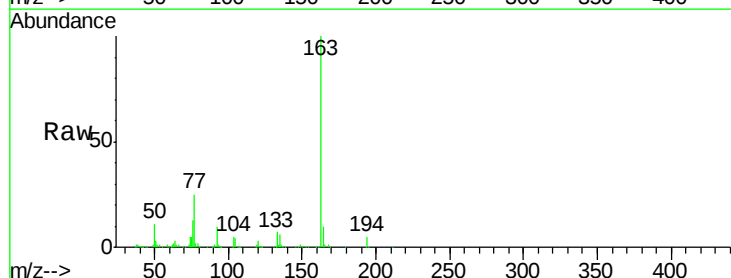
Tgt Ion:163 Resp: 441666

Ion Ratio Lower Upper

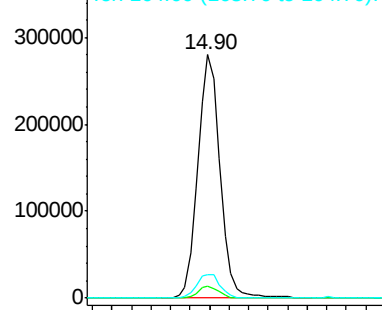
163 100

194 4.7 3.4 5.2

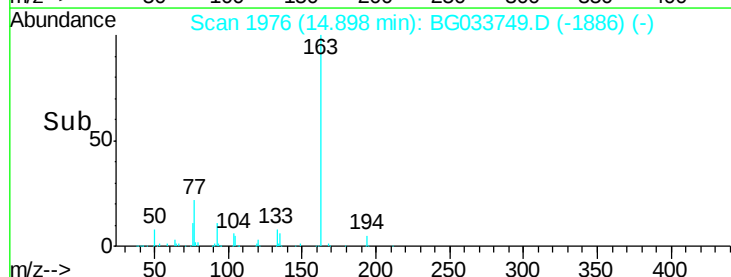
164 9.9 8.2 12.4

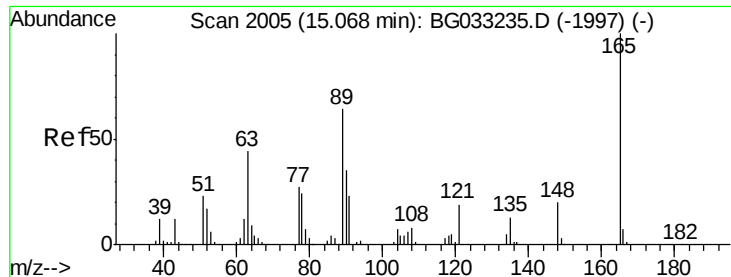


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

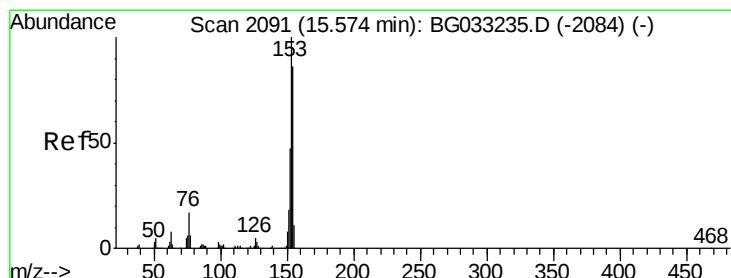
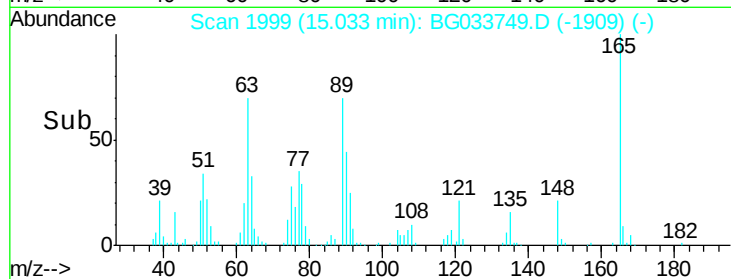
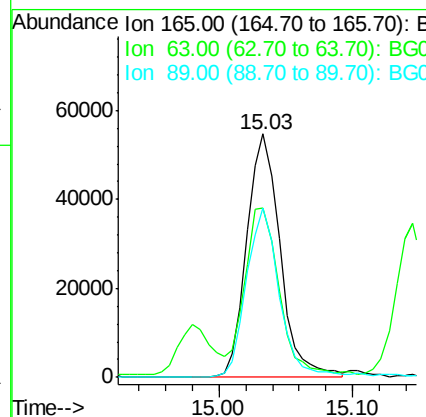
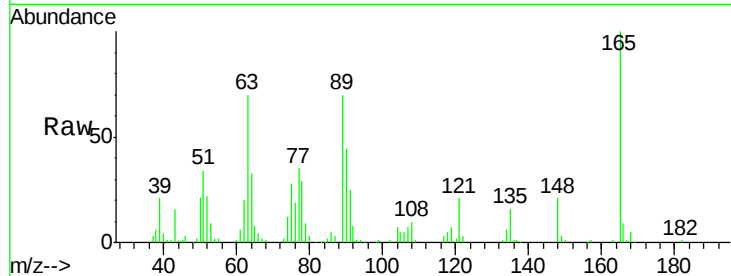




#50
 2,6-Dinitrotoluene
 Concen: 50.662 ng
 RT: 15.03 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

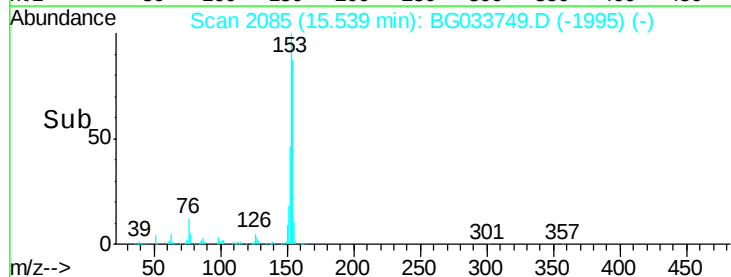
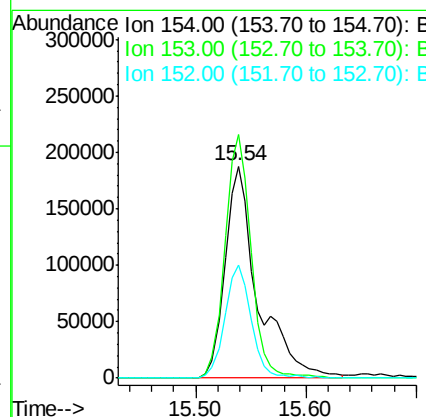
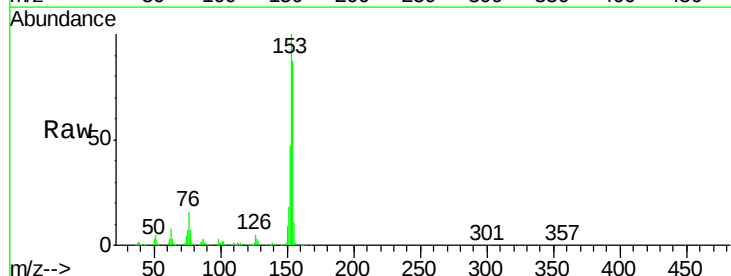
Instrument :
 BNA_G
 ClientSampleId :

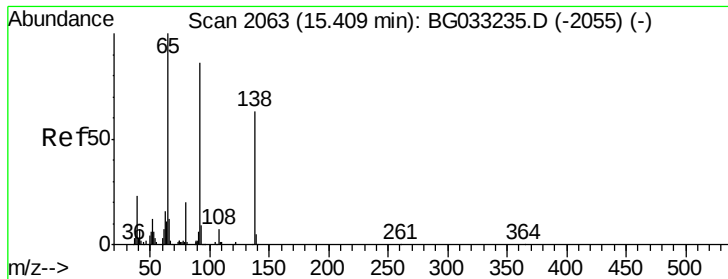
Tot Ion:165 Resp: 94529
 Ion Ratio Lower Upper
 165 100
 63 69.6 52.7 79.1
 89 69.6 49.2 73.8



#51
 Acenaphthene
 Concen: 58.381 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Tgt Ion:154 Resp: 390200
 Ion Ratio Lower Upper
 154 100
 153 114.9 90.4 135.6
 152 53.5 41.6 62.4





#52

3-Nitroaniline

Concen: 30.089 ng

RT: 15.37 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

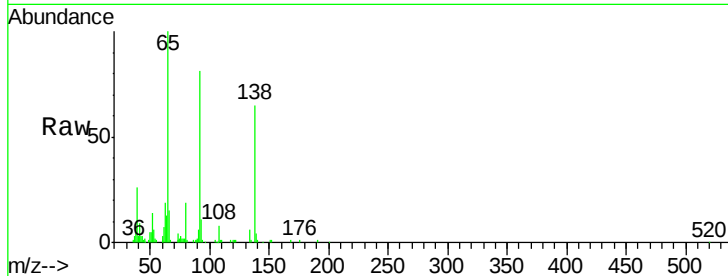
Tot Ion:138 Resp: 58859

Ion Ratio Lower Upper

138 100

108 12.4 17.5 26.3#

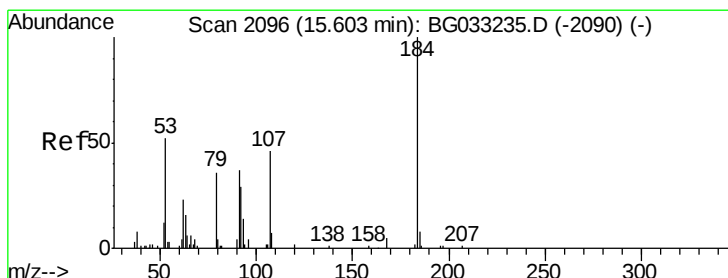
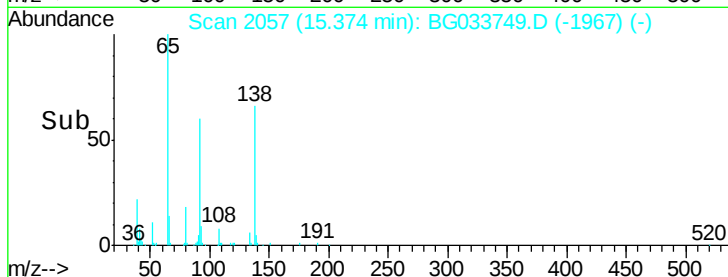
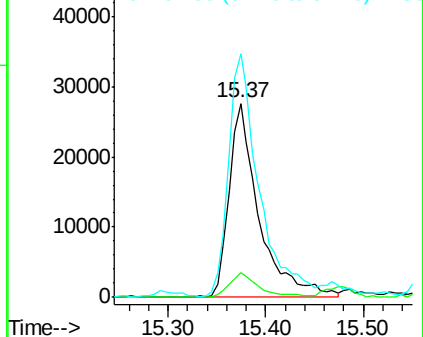
92 125.6 105.8 158.8



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): B



#53

2,4-Dinitrophenol

Concen: 117.709 ng

RT: 15.57 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

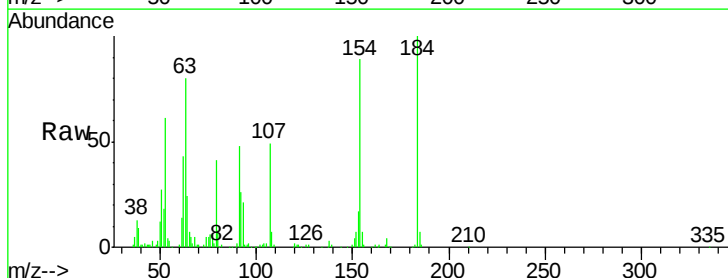
Tgt Ion:184 Resp: 117586

Ion Ratio Lower Upper

184 100

63 80.0 59.8 89.8

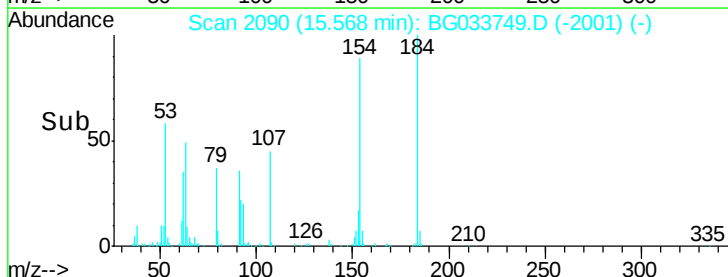
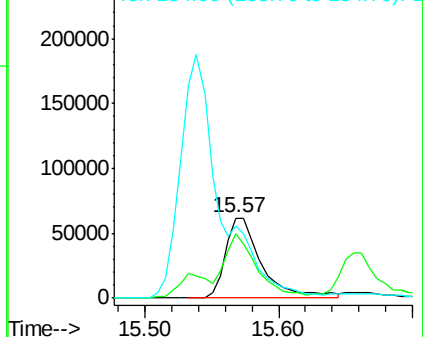
154 88.9 101.8 152.8#

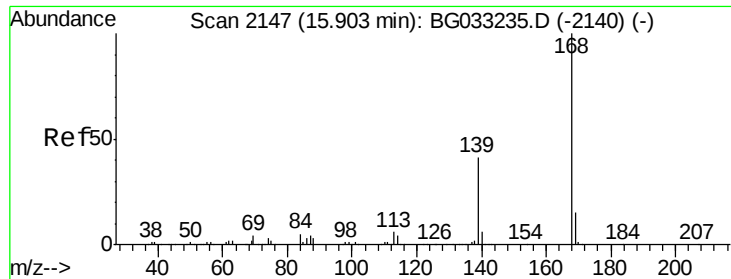


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

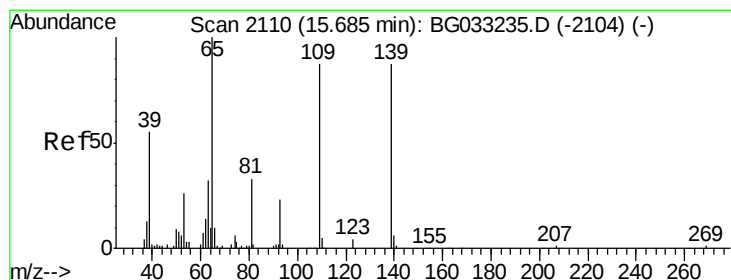
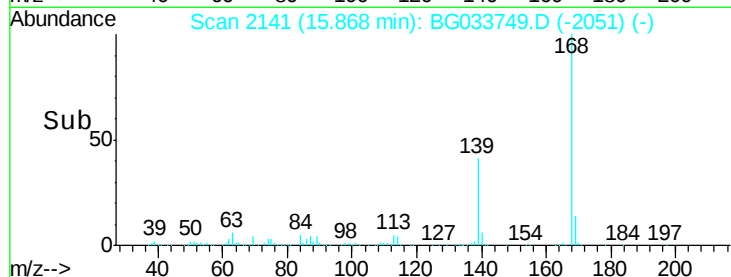
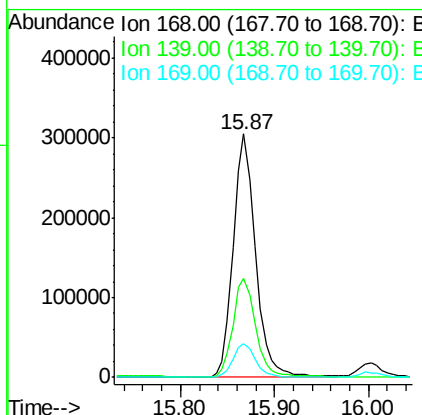
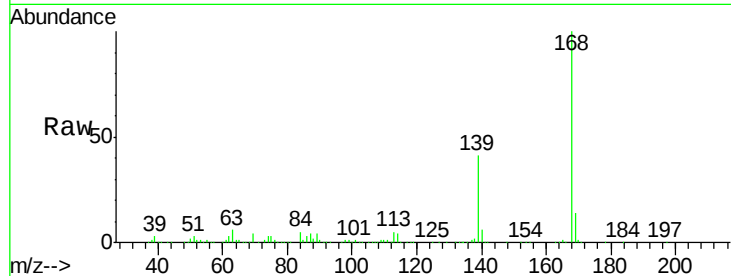




#54
Dibenzofuran
Concen: 51.159 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

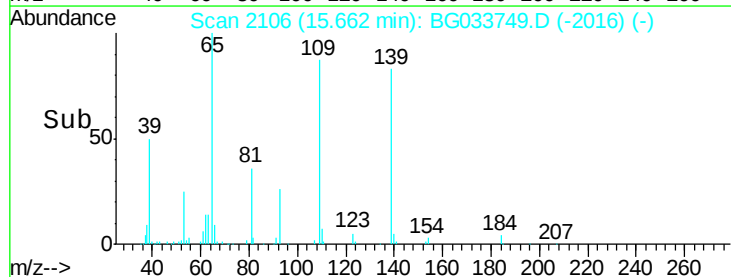
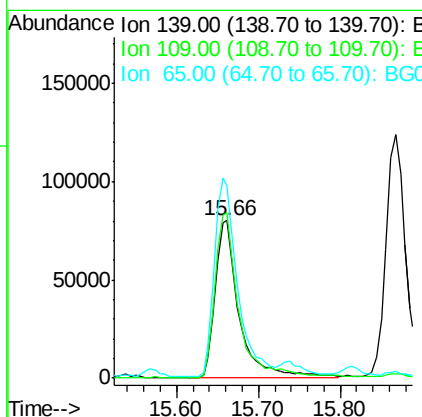
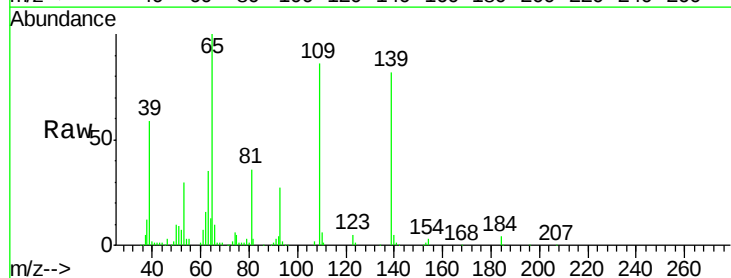
Instrument :
BNA_G
ClientSampleId :

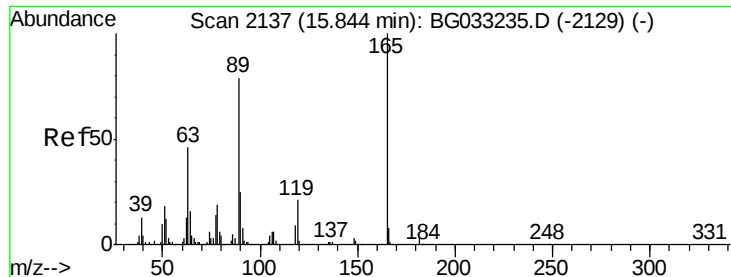
Tot Ion:168 Resp: 505080
Ion Ratio Lower Upper
168 100
139 40.6 28.6 43.0
169 14.1 11.2 16.8



#55
4-Nitrophenol
Concen: 119.753 ng
RT: 15.66 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion:139 Resp: 164724
Ion Ratio Lower Upper
139 100
109 105.3 62.2 102.2#
65 122.2 97.2 137.2

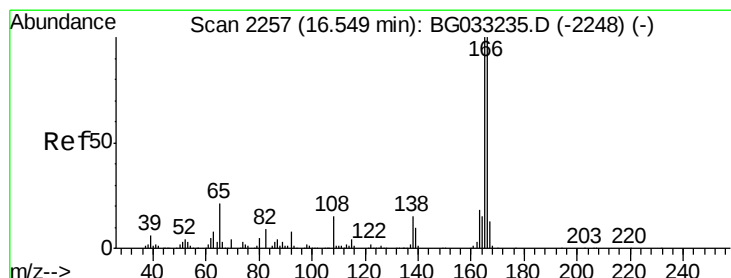
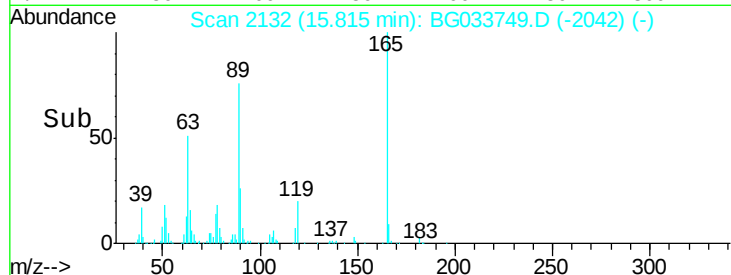
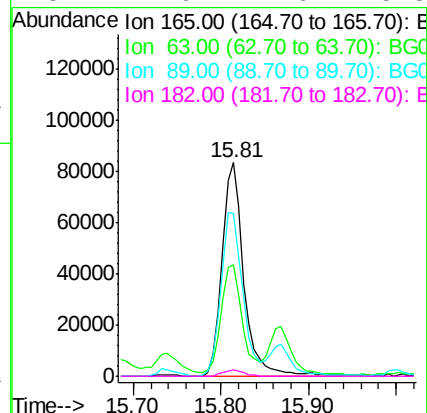
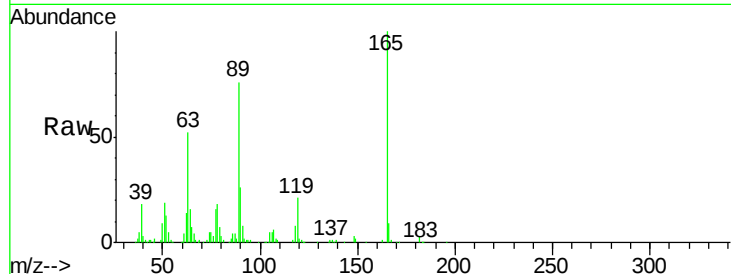




#56
2,4-Dinitrotoluene
Concen: 52.738 ng
RT: 15.81 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

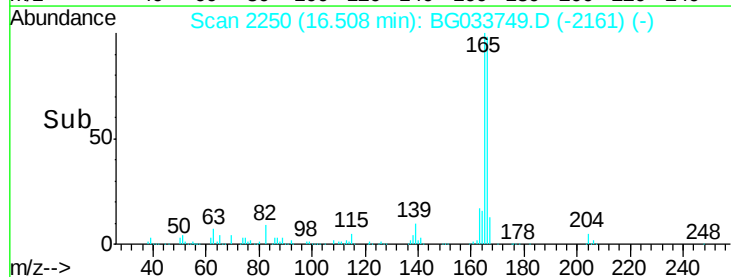
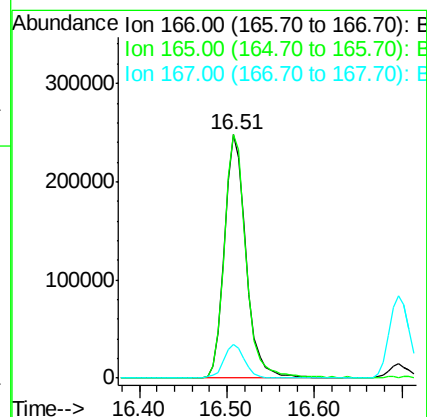
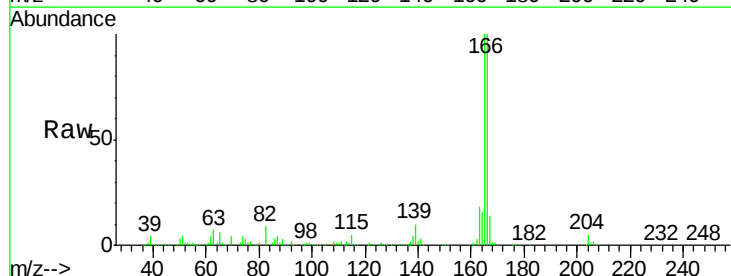
Instrument :
BNA_G
ClientSampleId :

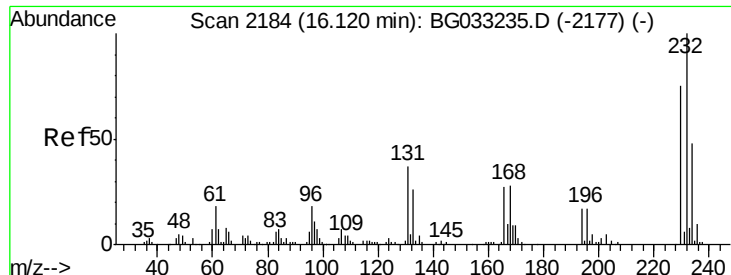
Tot Ion:165 Resp: 144886
Ion Ratio Lower Upper
165 100
63 52.1 42.0 63.0
89 76.4 66.9 100.3
182 2.9 2.6 3.8



#57
Fluorene
Concen: 50.499 ng
RT: 16.51 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion:166 Resp: 424737
Ion Ratio Lower Upper
166 100
165 100.0 80.6 121.0
167 13.9 10.4 15.6

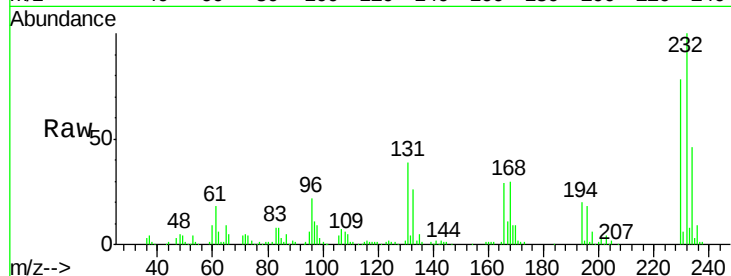




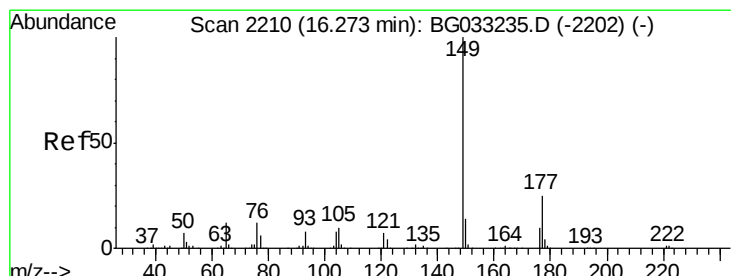
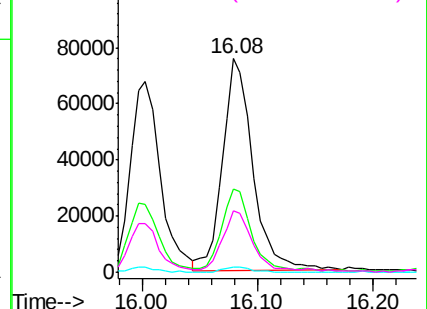
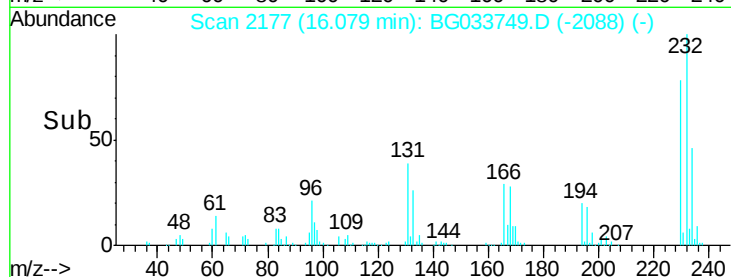
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.540 ng
 RT: 16.08 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	136381
Ion	Ratio	Lower	Upper
232	100		
131	35.7	33.5	50.3
130	2.2	2.2	3.2
166	26.7	24.8	37.2

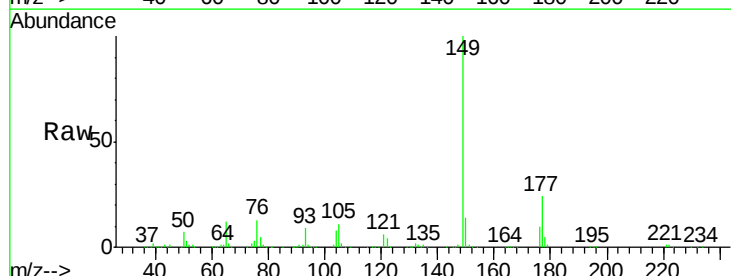


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

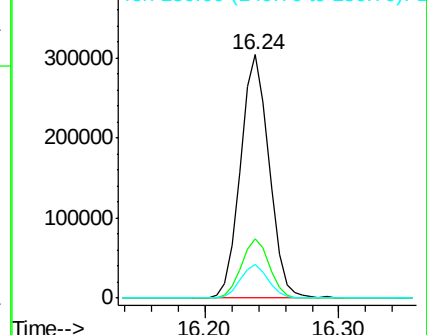
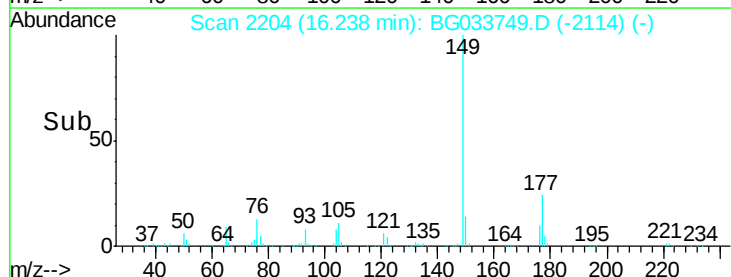


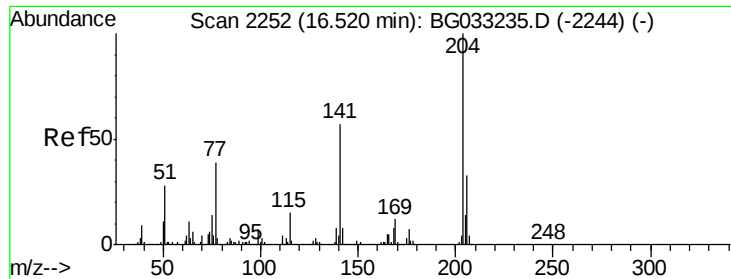
#59
 Diethylphthalate
 Concen: 50.992 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Tgt Ion:	149	Resp:	451838
Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.5	27.7
150	13.6	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

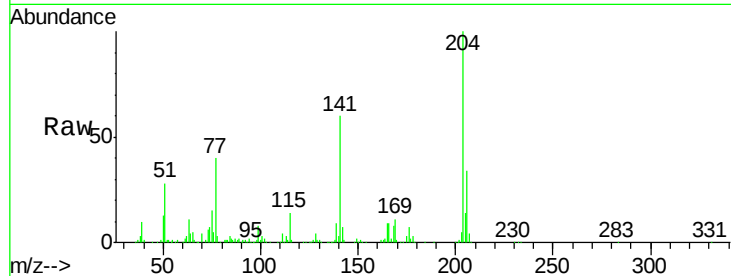




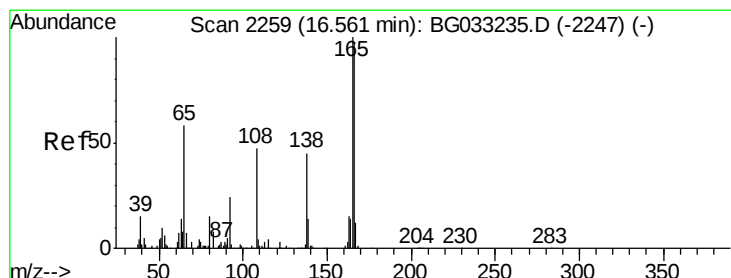
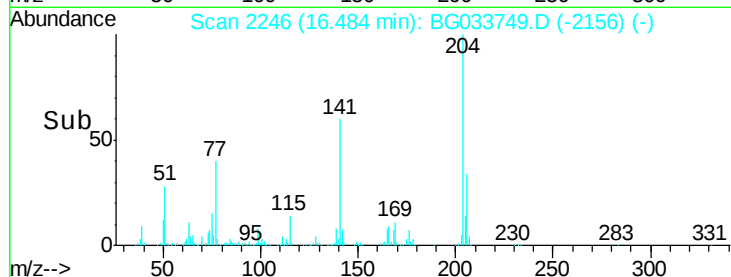
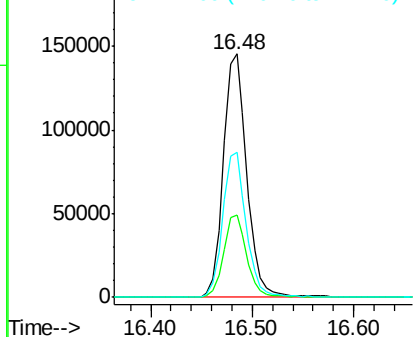
#60
 4-Chlorophenyl-phenylether
 Concen: 48.159 ng
 RT: 16.48 min Scan# 2246
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.2	39.2
141	59.7	45.8	68.6

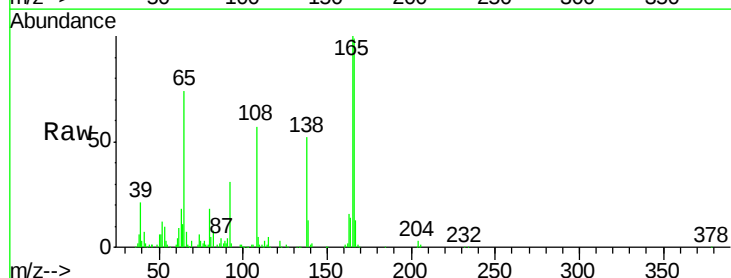


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

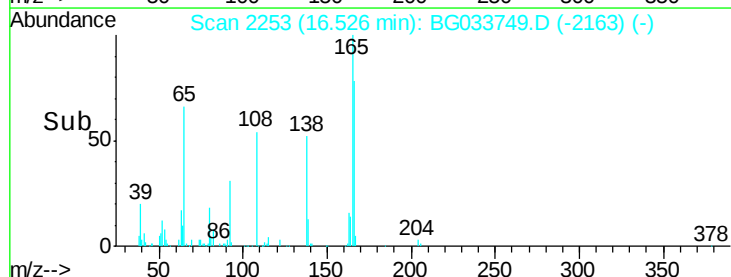
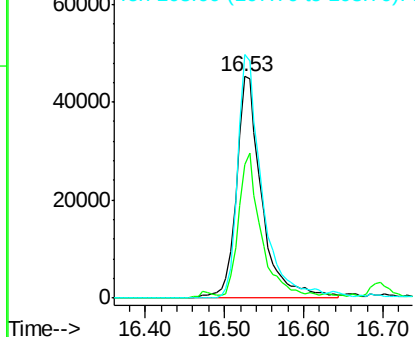


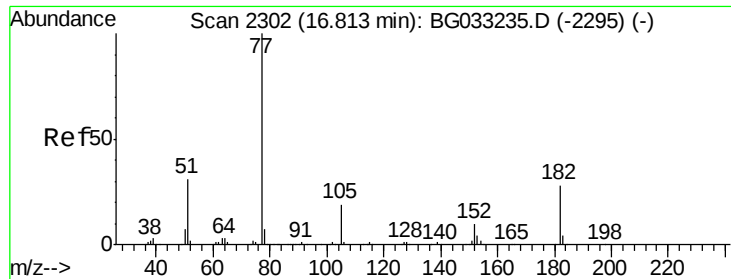
#61
 4-Nitroaniline
 Concen: 50.688 ng
 RT: 16.53 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.1	40.1	80.1
108	109.8	65.4	105.4



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





#62

Azobenzene

Concen: 52.726 ng

RT: 16.78 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 452570

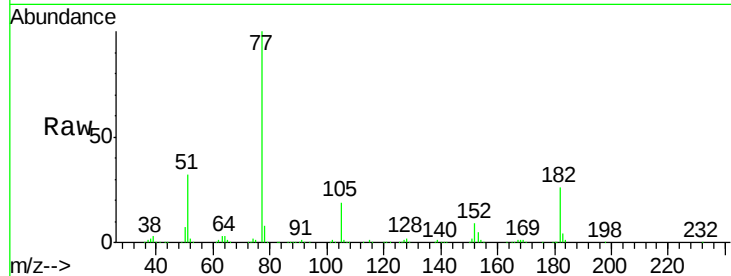
Ion Ratio Lower Upper

77 100

182 25.9 7.4 47.4

105 18.8 0.3 40.3

51 32.1 11.6 51.6

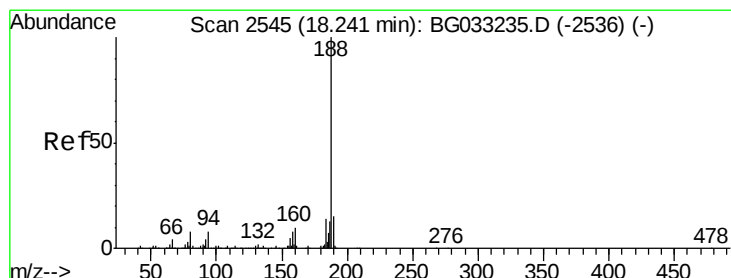
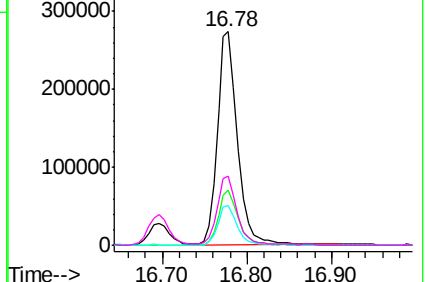
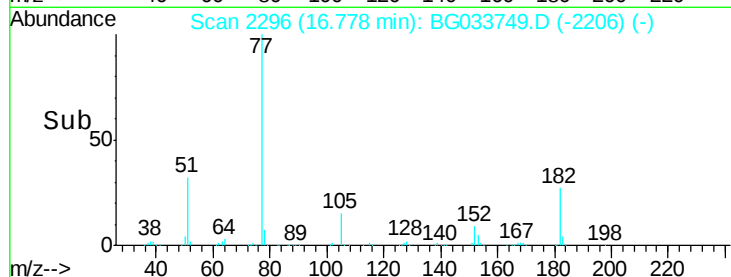


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 18.21 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

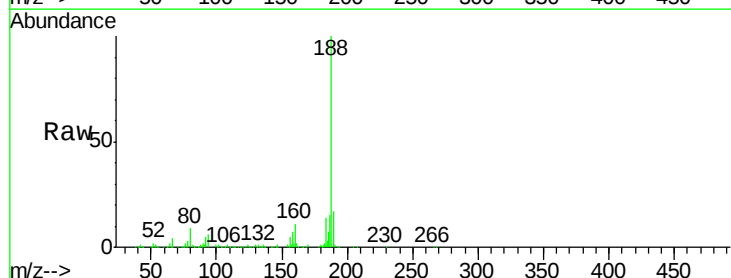
Tgt Ion: 188 Resp: 273850

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

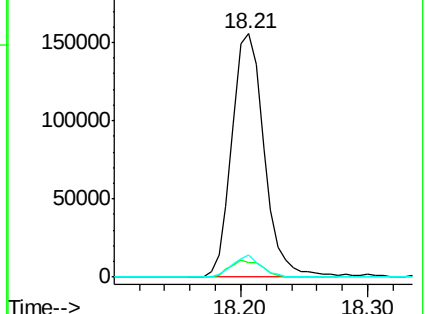
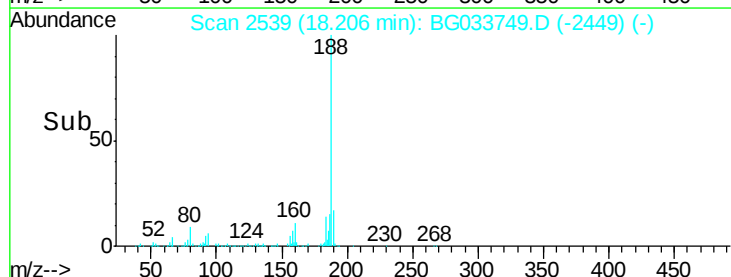
80 8.9 7.7 11.5

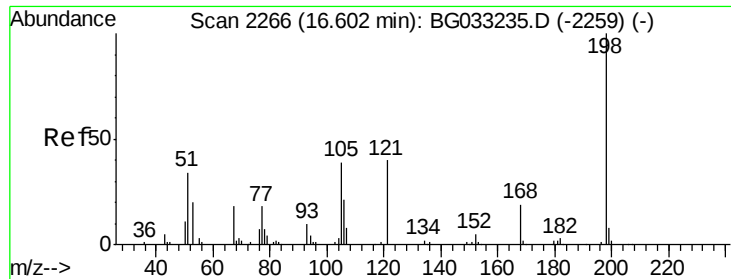


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 53.733 ng

RT: 16.57 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

ClientSampled :

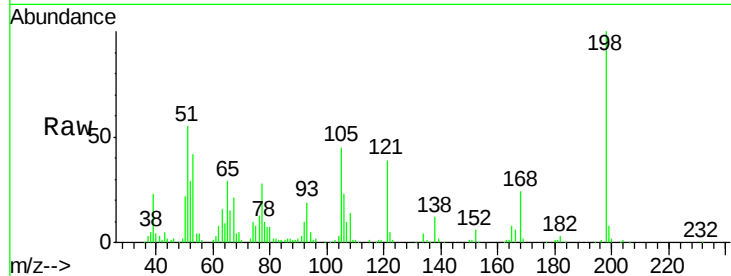
Tot Ion:198 Resp: 88028

Ion Ratio Lower Upper

198 100

51 54.6 30.6 70.6

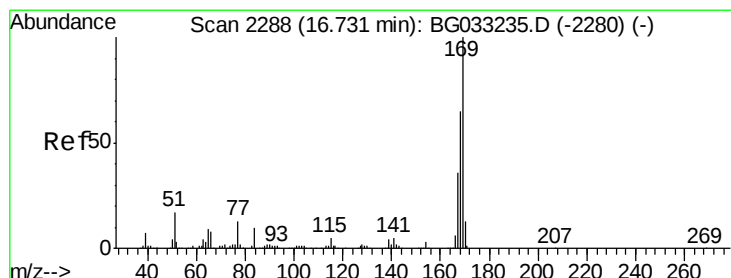
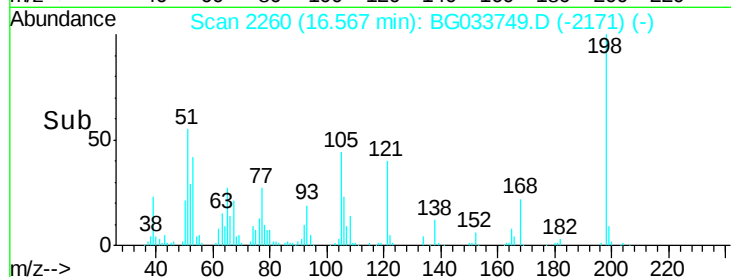
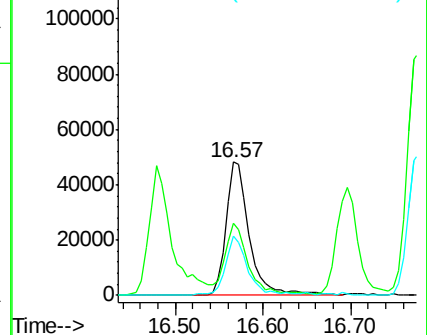
105 44.7 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 51.006 ng

RT: 16.70 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

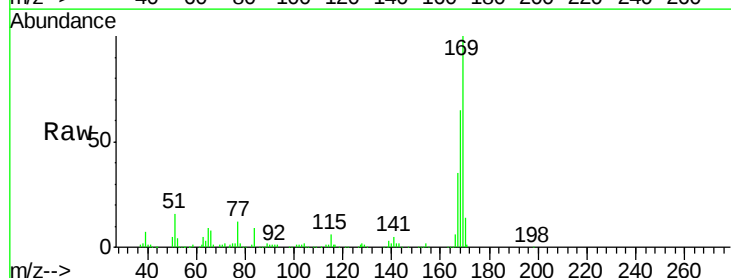
Tgt Ion:169 Resp: 398770

Ion Ratio Lower Upper

169 100

168 64.5 55.7 83.5

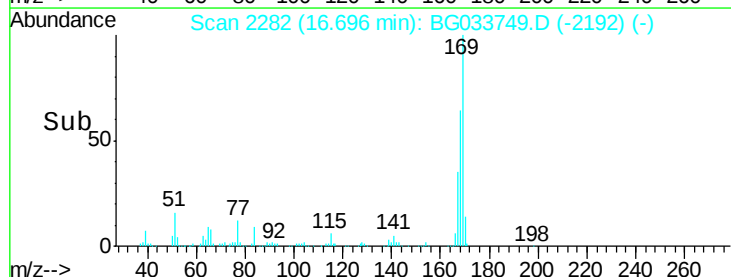
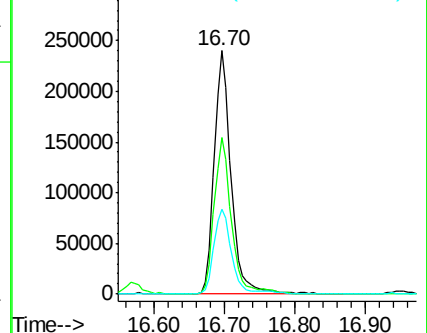
167 34.9 30.1 45.1

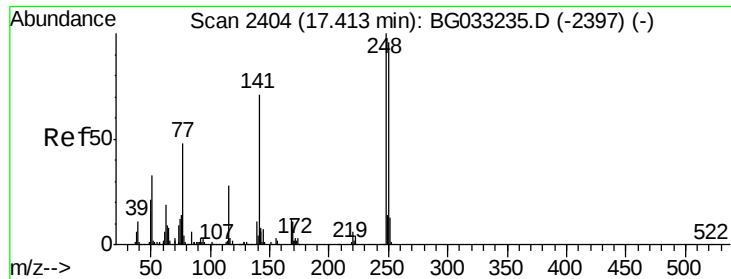


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

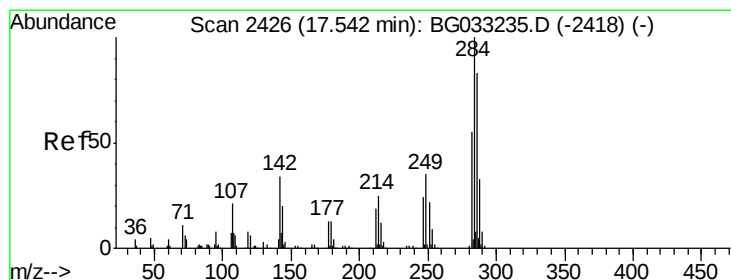
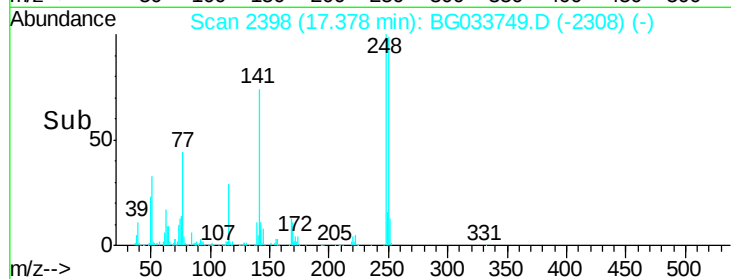
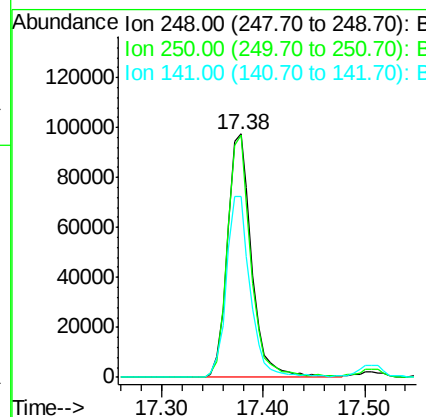
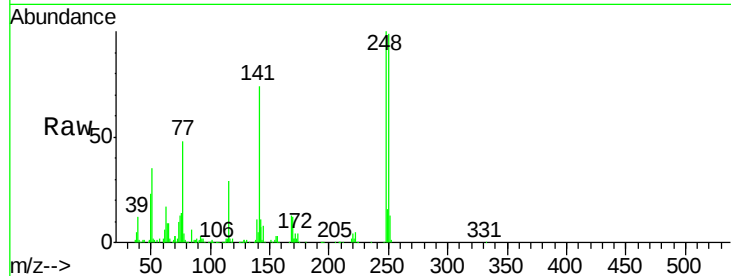




#66
4-Bromophenyl-phenylether
Concen: 50.134 ng
RT: 17.38 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

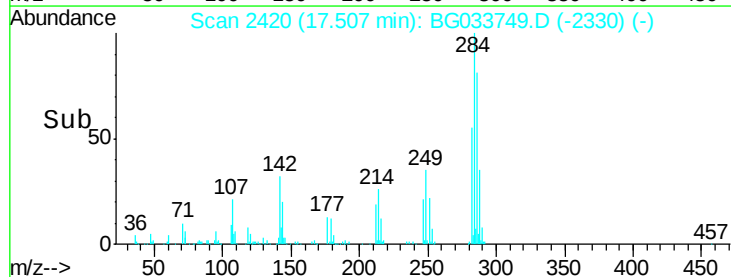
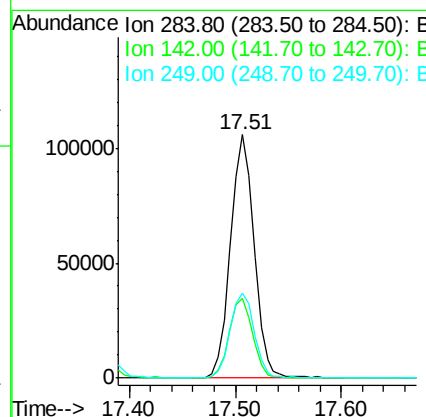
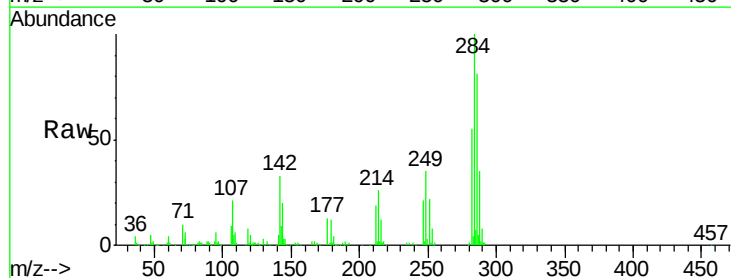
Instrument :
BNA_G
ClientSampleId :

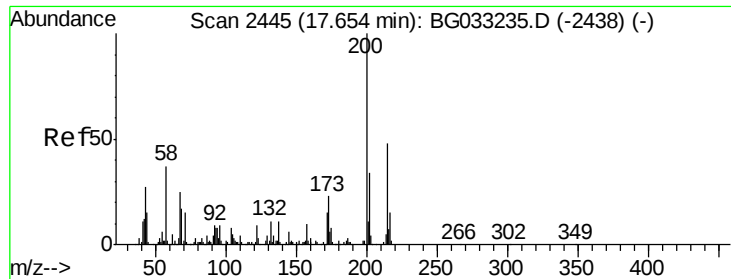
Tot Ion:248 Resp: 161237
Ion Ratio Lower Upper
248 100
250 99.3 77.1 115.7
141 74.2 50.8 76.2



#67
Hexachlorobenzene
Concen: 48.245 ng
RT: 17.51 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion:284 Resp: 163751
Ion Ratio Lower Upper
284 100
142 32.5 26.8 40.2
249 35.0 26.3 39.5

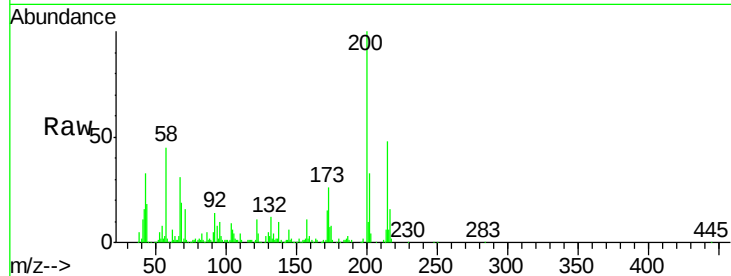




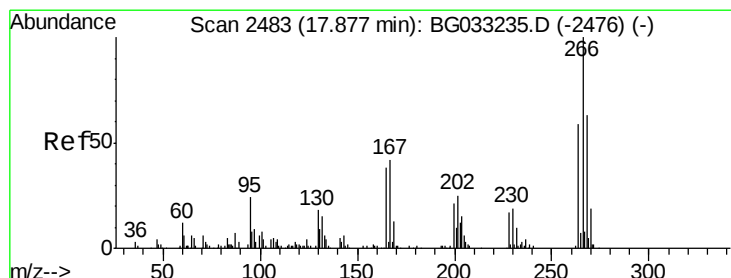
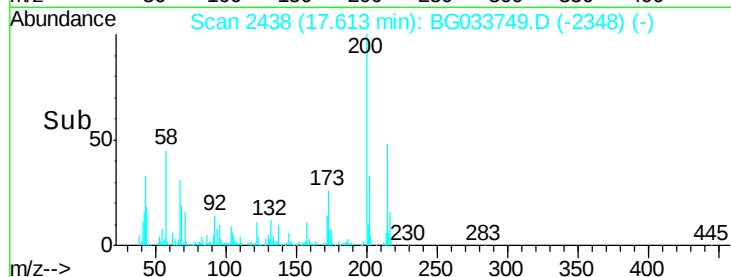
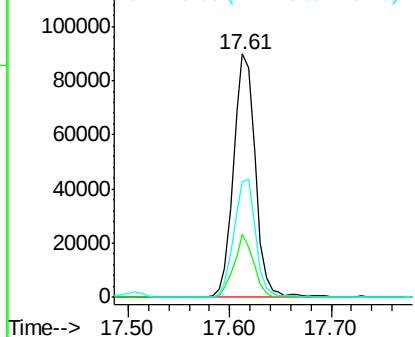
#68
Atrazine
Concen: 42.454 ng
RT: 17.61 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:200 Resp: 134495
Ion Ratio Lower Upper
200 100
173 25.9 5.2 45.2
215 47.6 30.4 70.4

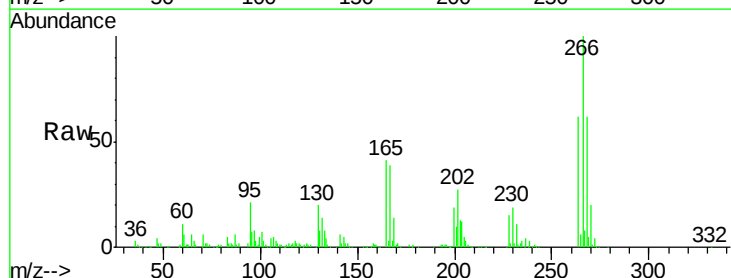


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

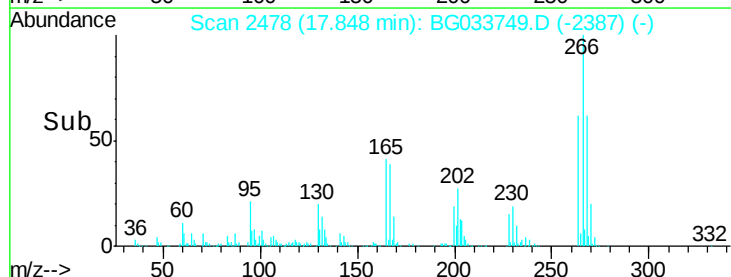
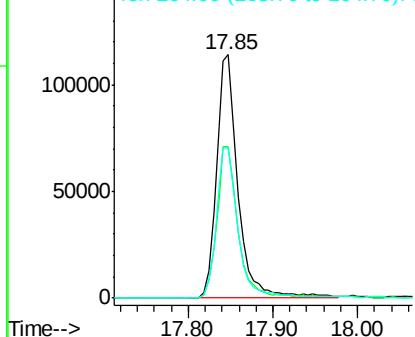


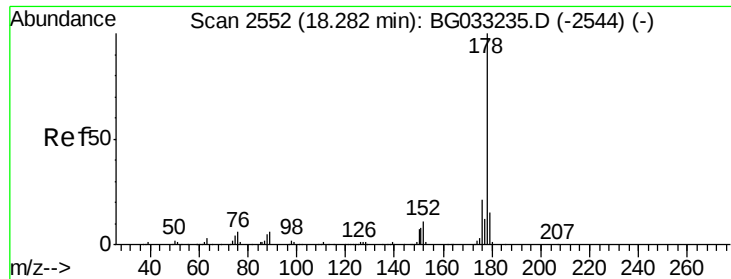
#69
Pentachlorophenol
Concen: 87.416 ng
RT: 17.85 min Scan# 2478
Delta R.T. 0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion:266 Resp: 203645
Ion Ratio Lower Upper
266 100
268 62.4 51.1 76.7
264 61.7 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 51.293 ng

RT: 18.25 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

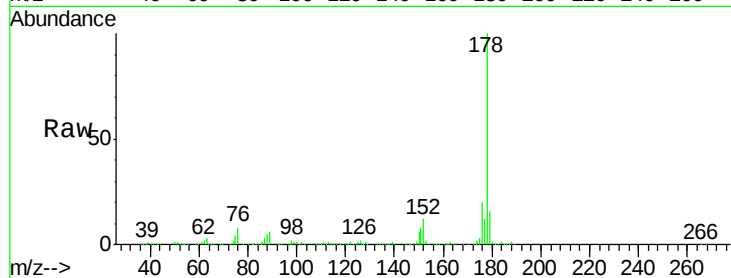
Tot Ion:178 Resp: 731551

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

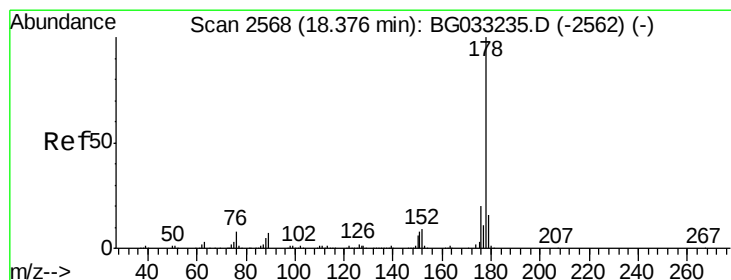
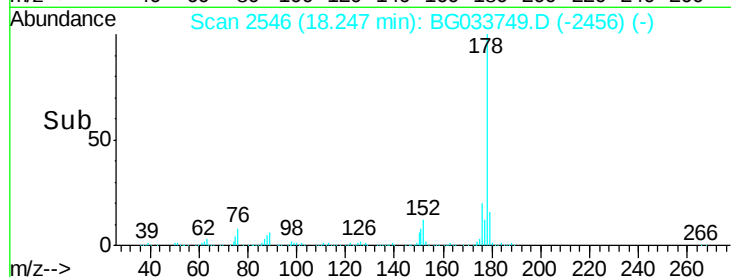
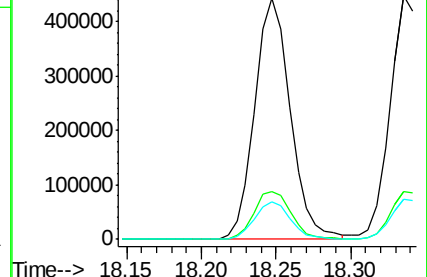
179 15.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 53.091 ng

RT: 18.34 min Scan# 2561

Delta R.T. -0.01 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

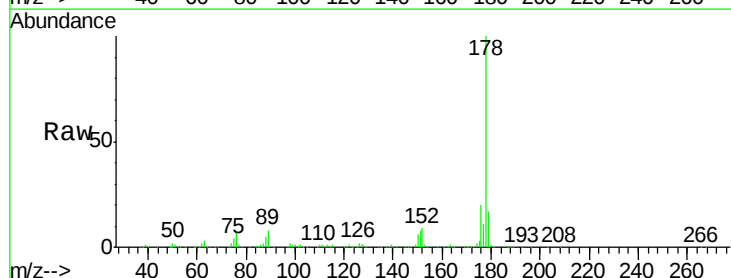
Tgt Ion:178 Resp: 766668

Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

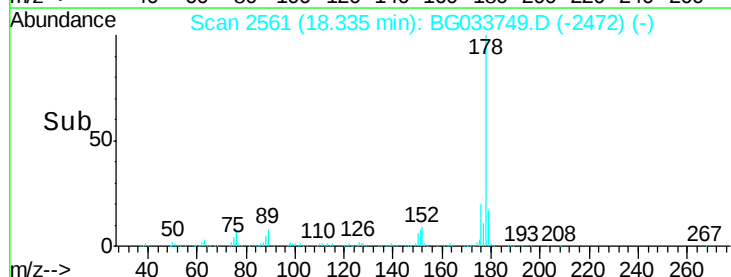
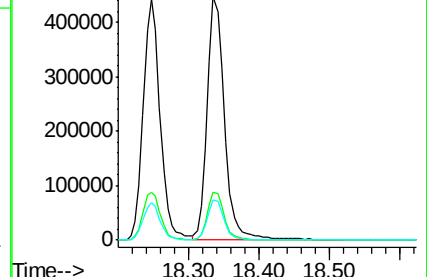
179 16.6 12.5 18.7

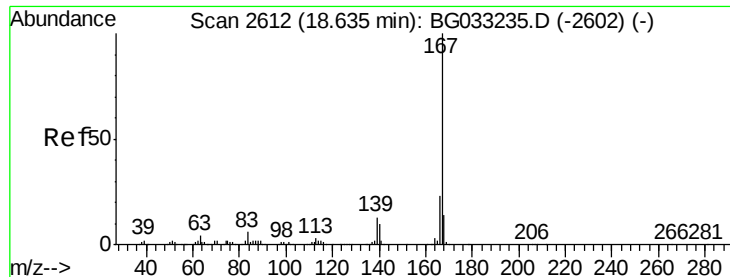


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

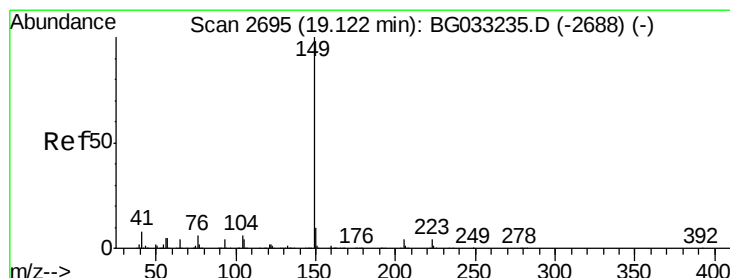
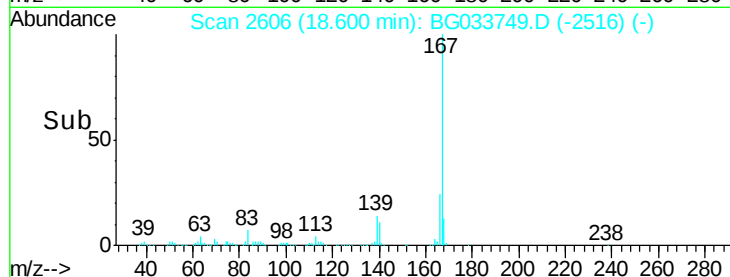
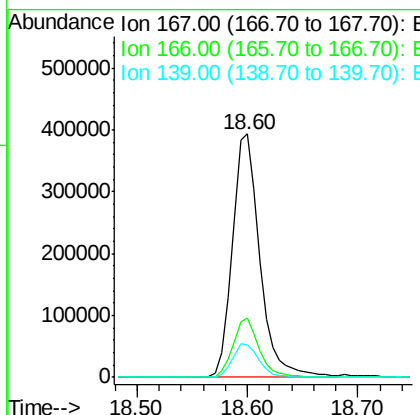
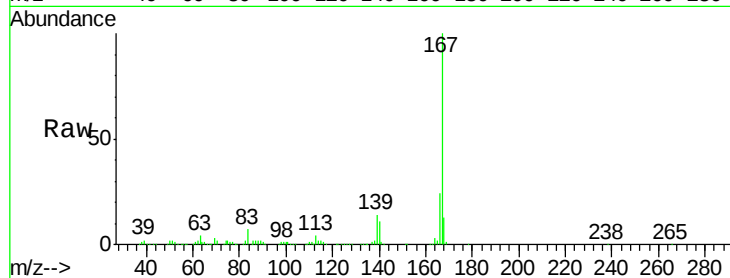




#72
 Carbazole
 Concen: 53.724 ng
 RT: 18.60 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

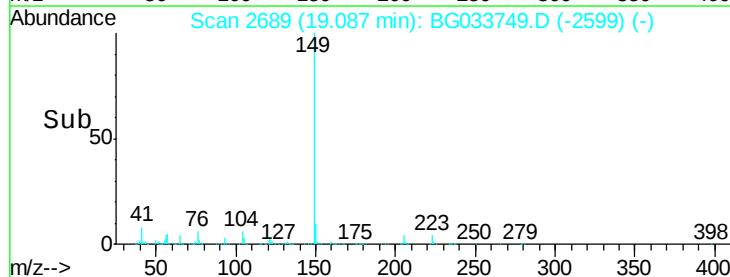
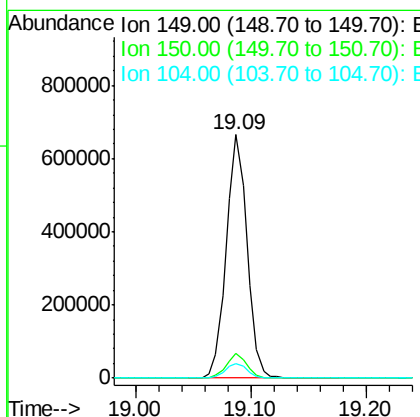
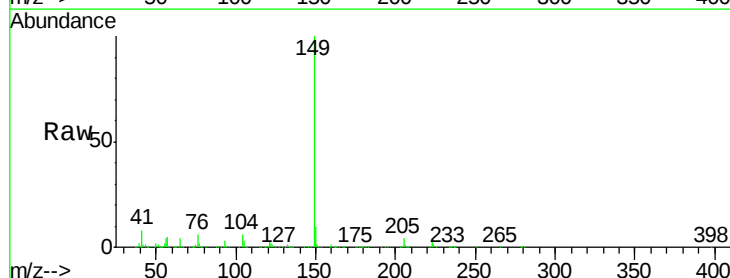
Instrument :
 BNA_G
 ClientSampleId :

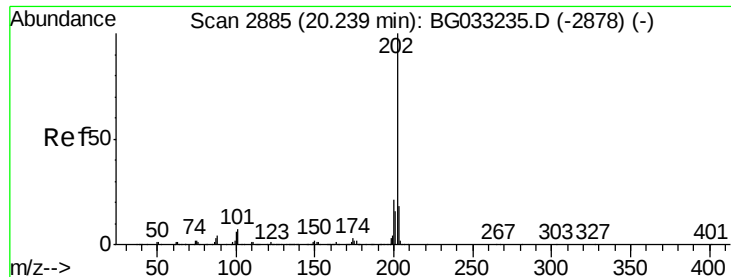
Tot Ion:167 Resp: 687478
 Ion Ratio Lower Upper
 167 100
 166 24.5 18.2 27.4
 139 13.5 9.4 14.2



#73
 Di-n-butylphthalate
 Concen: 55.867 ng
 RT: 19.09 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Tgt Ion:149 Resp: 832111
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.6
 104 5.9 3.9 5.9

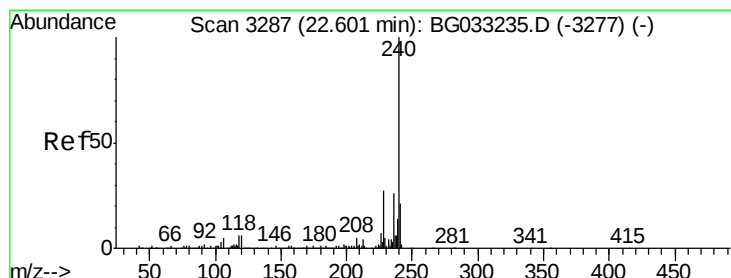
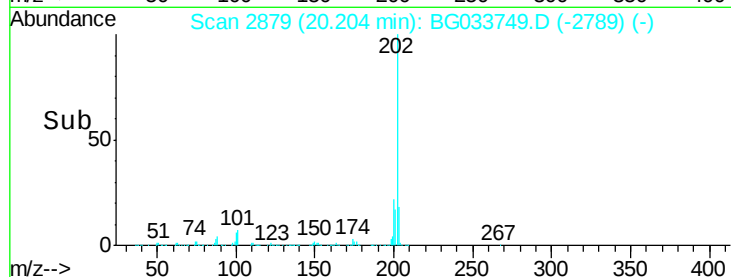
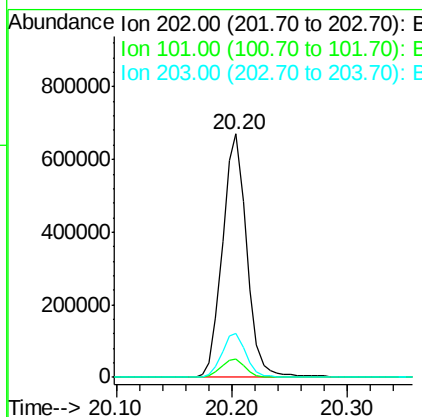
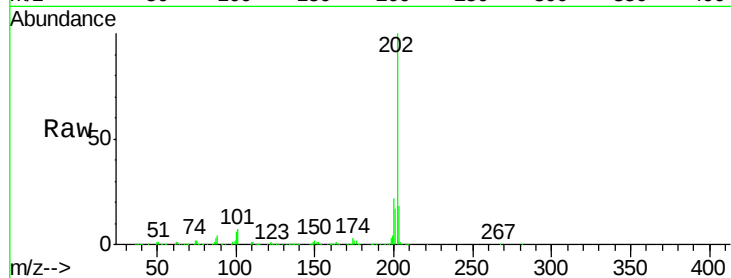




#74
 Fluoranthene
 Concen: 55.277 ng
 RT: 20.20 min Scan# 2879
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

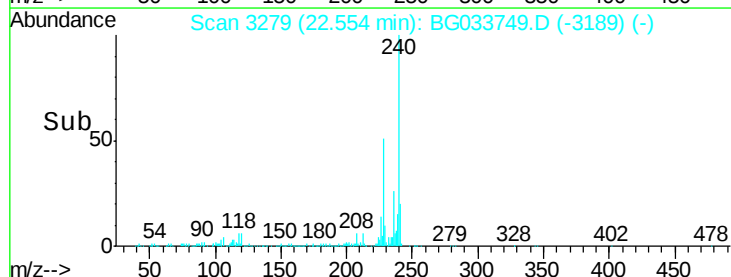
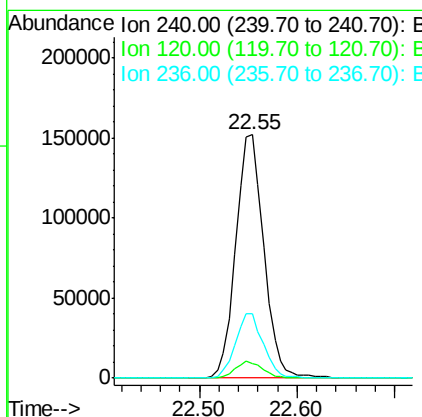
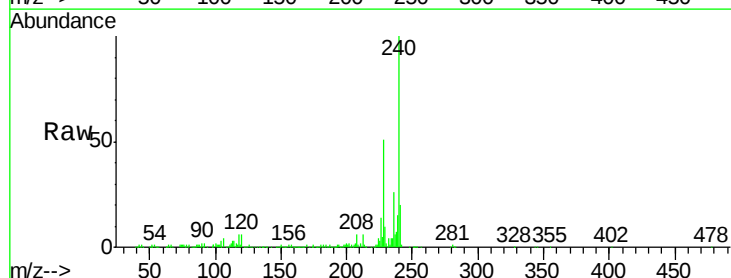
Instrument :
 BNA_G
 ClientSampleId :

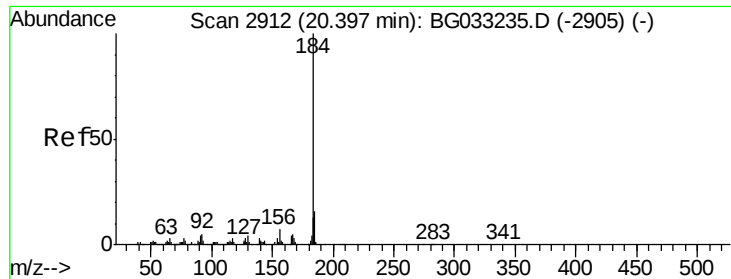
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.9
203	18.2	0.0	37.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3279
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	26.5	20.9	31.3





#76

Benzidine

Concen: 14.346 ng

RT: 20.36 min Scan# 2906

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

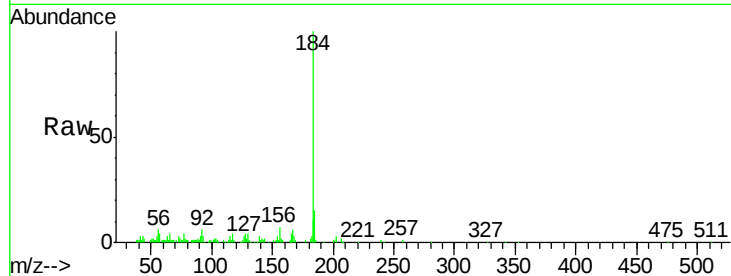
Tot Ion:184 Resp: 118198

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

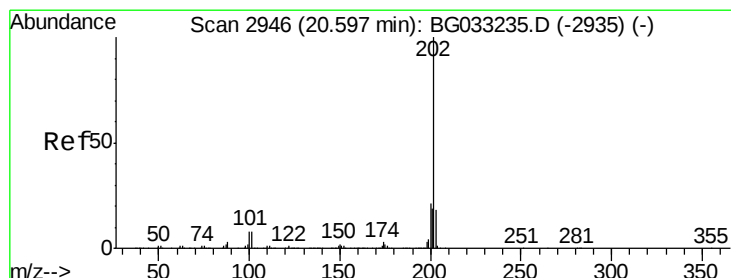
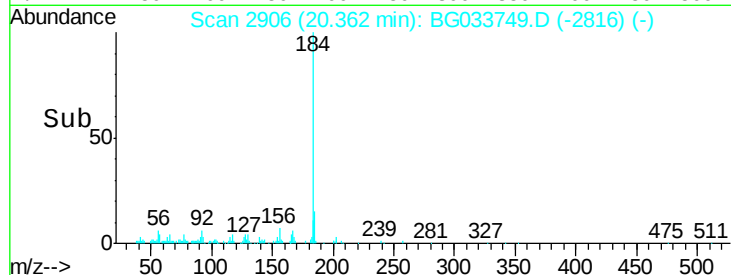
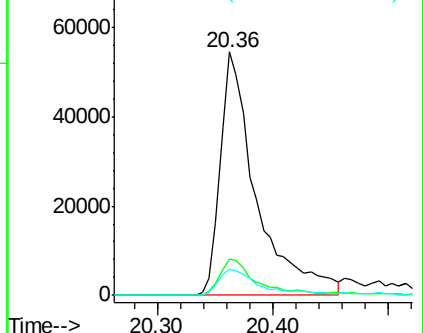
183 10.9 10.6 16.0



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: 49.738 ng

RT: 20.56 min Scan# 2940

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

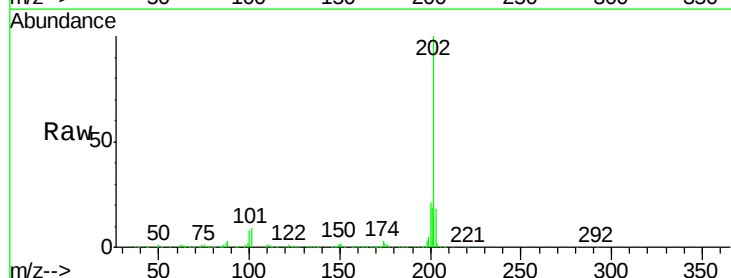
Tgt Ion:202 Resp: 1007846

Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

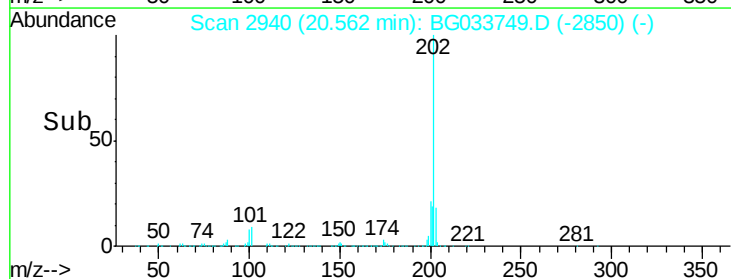
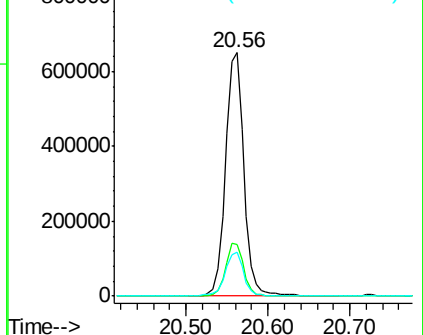
203 18.0 13.9 20.9

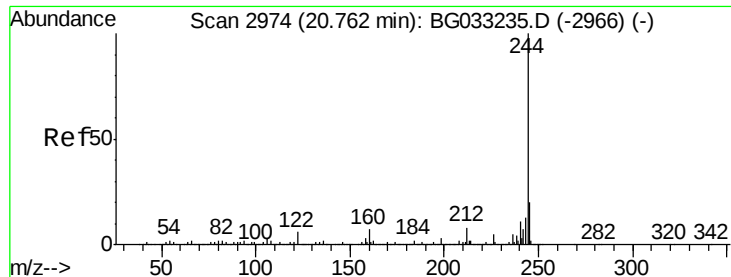


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 81.305 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

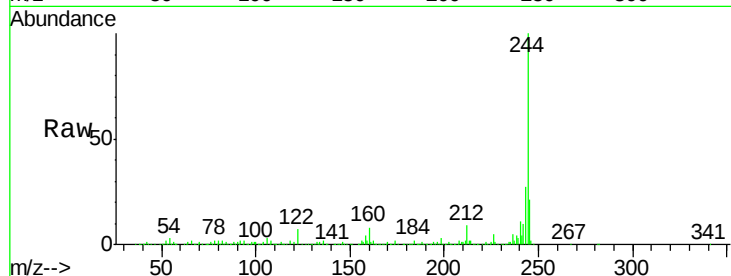
Tot Ion:244 Resp: 1155059

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

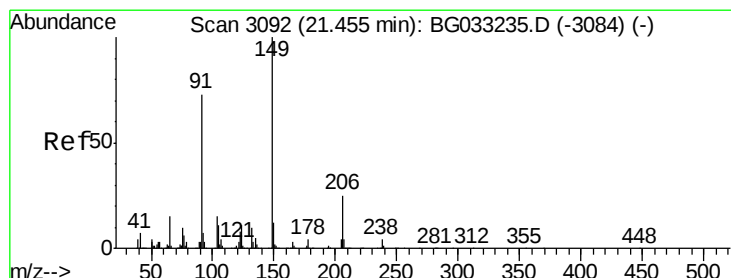
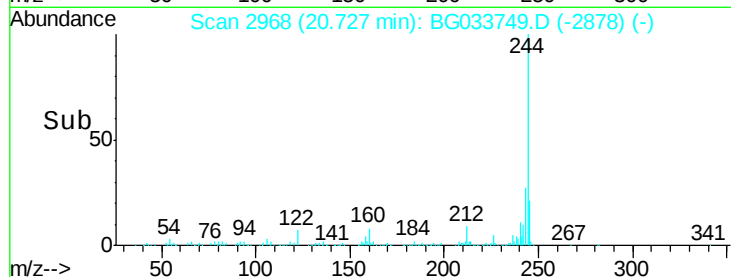
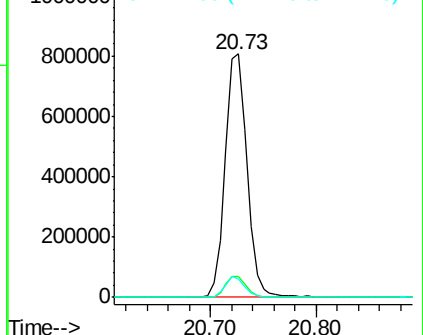
122 7.3 7.0 10.4



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: 52.221 ng

RT: 21.41 min Scan# 3085

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

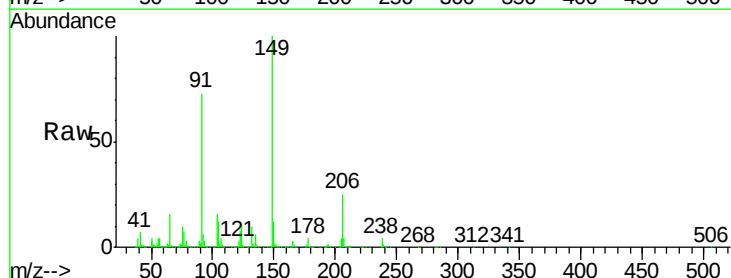
Tgt Ion:149 Resp: 390486

Ion Ratio Lower Upper

149 100

91 73.3 62.2 93.2

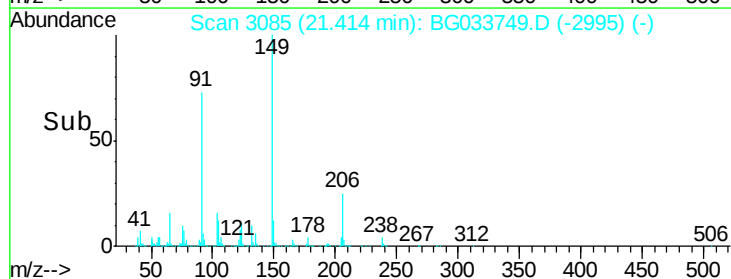
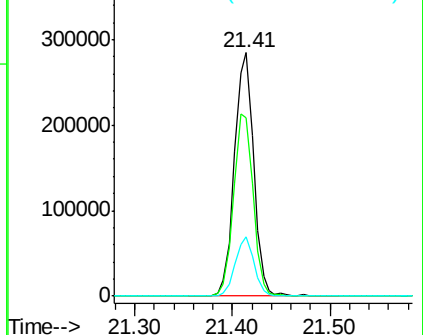
206 24.6 18.6 27.8

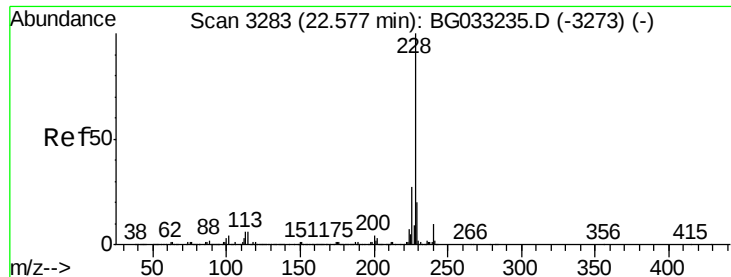


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 49.917 ng

RT: 22.53 min Scan# 3275

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

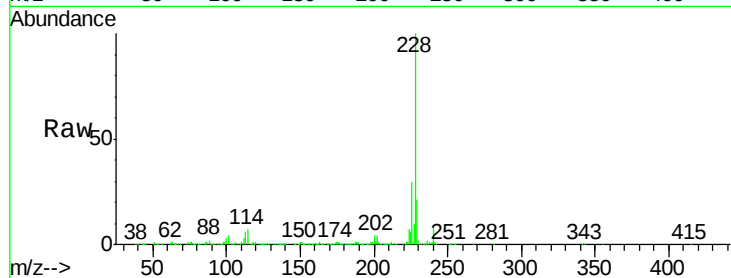
Tot Ion:228 Resp: 965686

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.7	34.1
229	20.8	16.2	24.2

228 100

226 29.6 22.7 34.1

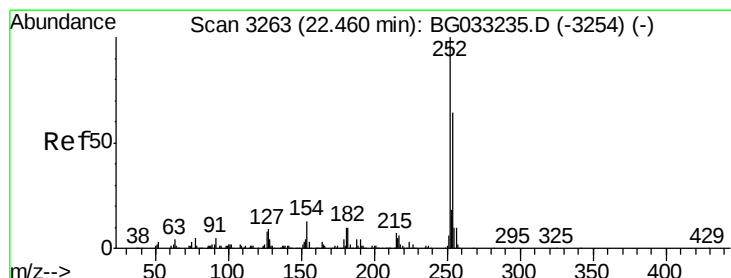
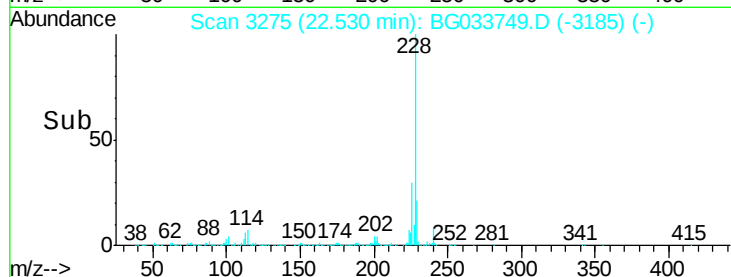
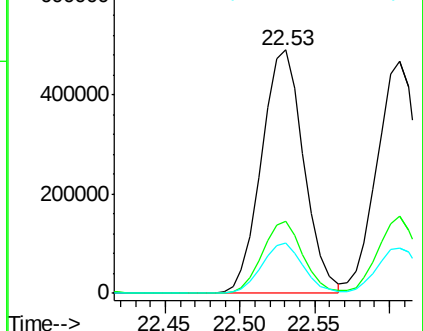
229 20.8 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 35.371 ng

RT: 22.41 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

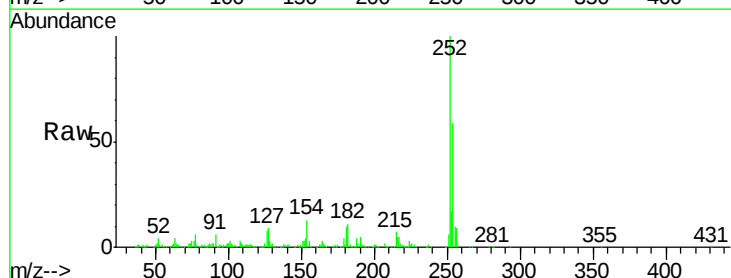
Tgt Ion:252 Resp: 243502

Ion	Ratio	Lower	Upper
252	100		
254	59.4	50.8	76.2
126	8.0	7.4	11.2

252 100

254 59.4 50.8 76.2

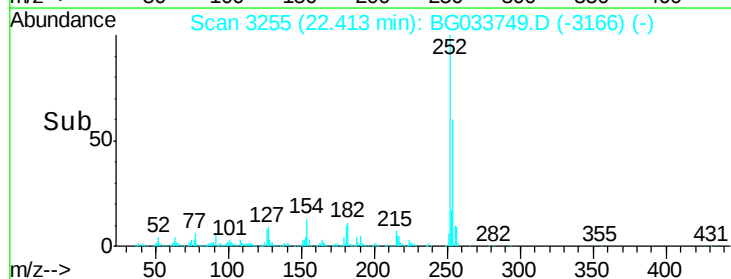
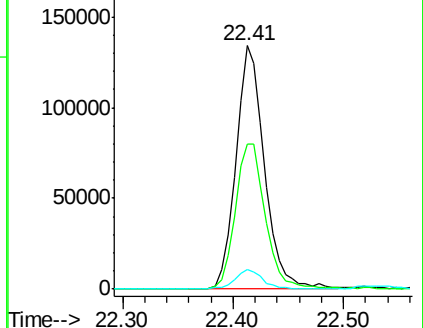
126 8.0 7.4 11.2

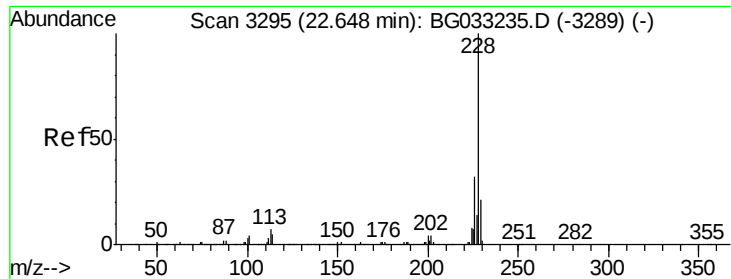


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 50.003 ng

RT: 22.61 min Scan# 3288

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

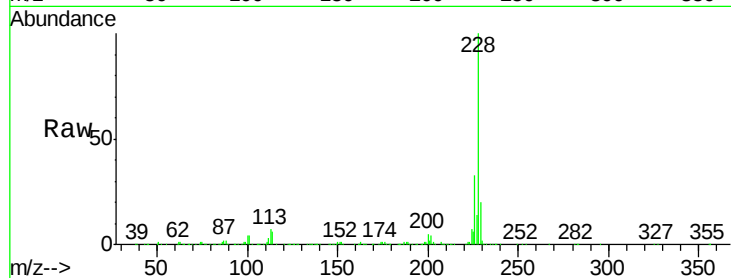
Tot Ion:228 Resp: 936399

Ion Ratio Lower Upper

228 100

226 33.2 24.9 37.3

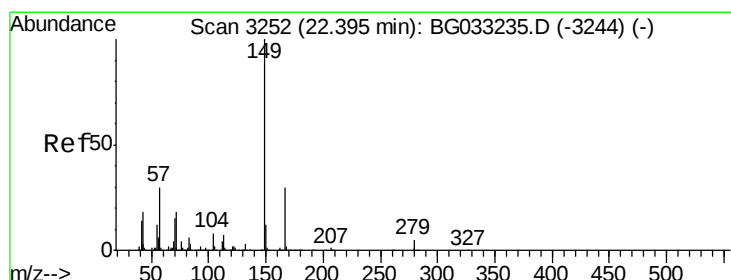
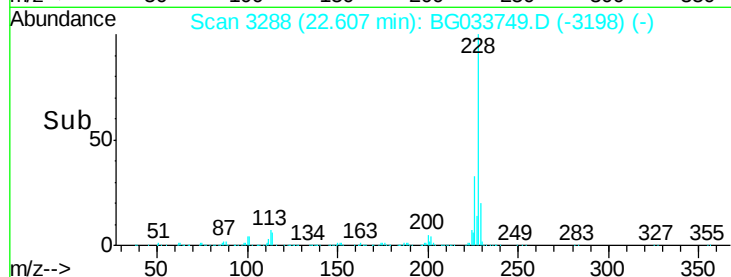
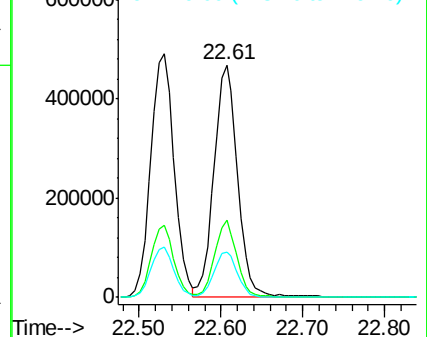
229 19.6 15.0 22.4



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: 52.337 ng

RT: 22.35 min Scan# 3244

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

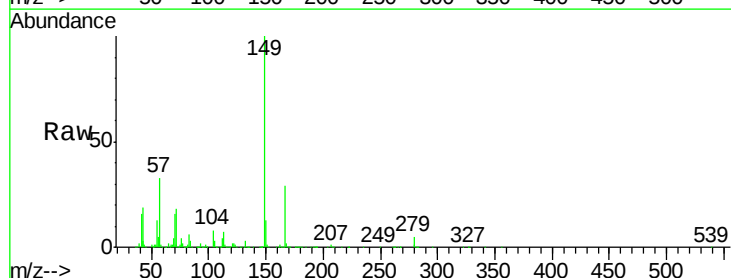
Tgt Ion:149 Resp: 539480

Ion Ratio Lower Upper

149 100

167 29.4 24.3 36.5

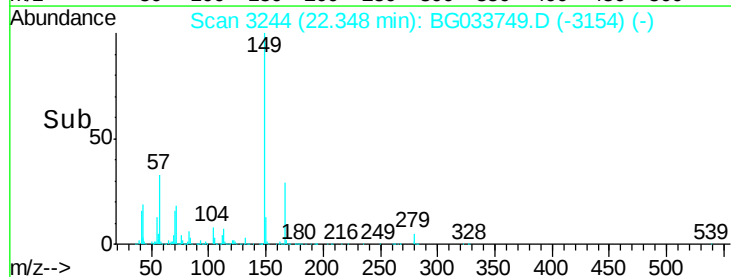
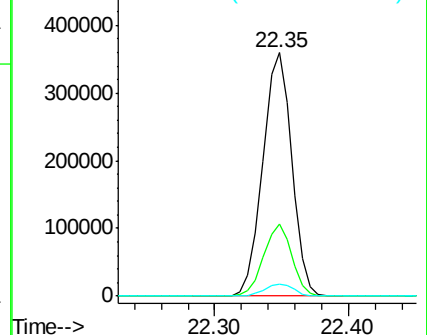
279 5.1 4.0 6.0

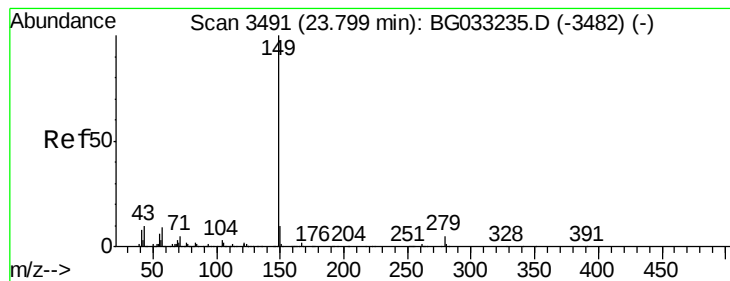


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 59.510 ng

RT: 23.74 min Scan# 3481

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

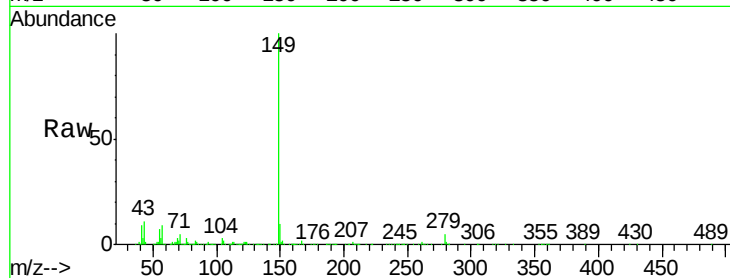
Tot Ion:149 Resp: 939209

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

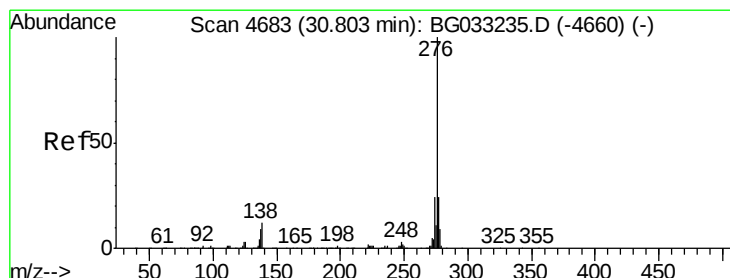
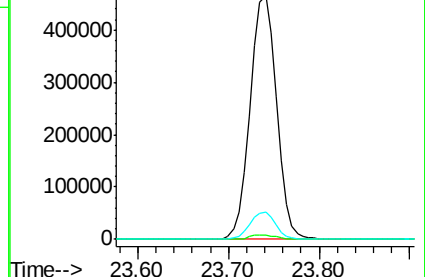
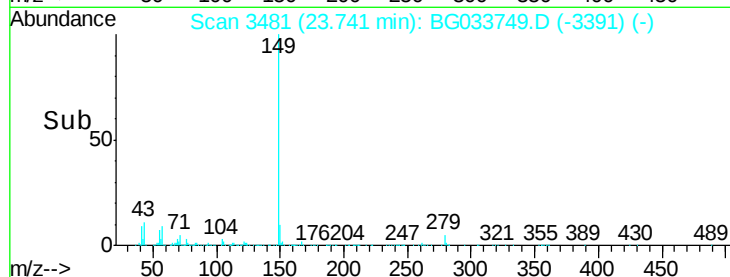
43 11.2 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 54.219 ng

RT: 30.68 min Scan# 4662

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

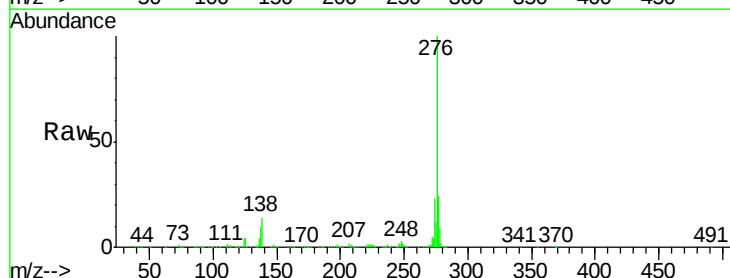
Tgt Ion:276 Resp: 1097784

Ion Ratio Lower Upper

276 100

138 9.5 16.0 24.0#

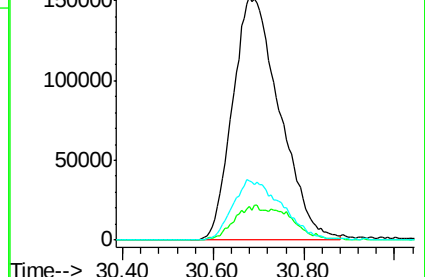
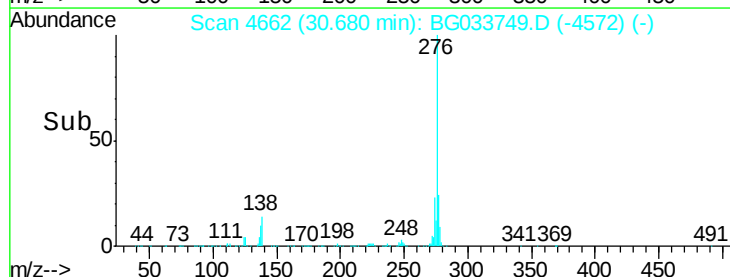
277 25.8 20.0 30.0

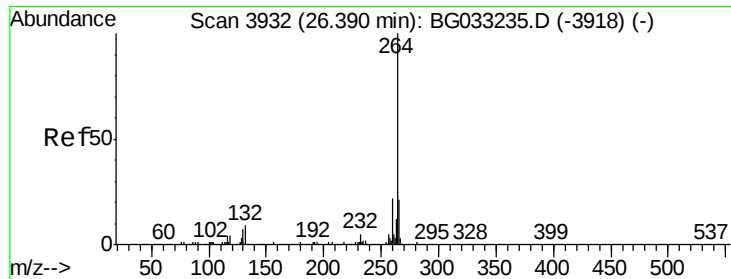


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

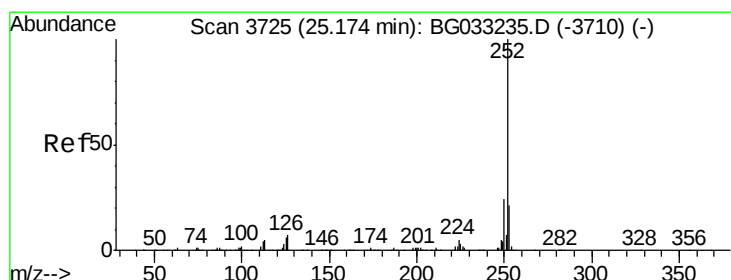
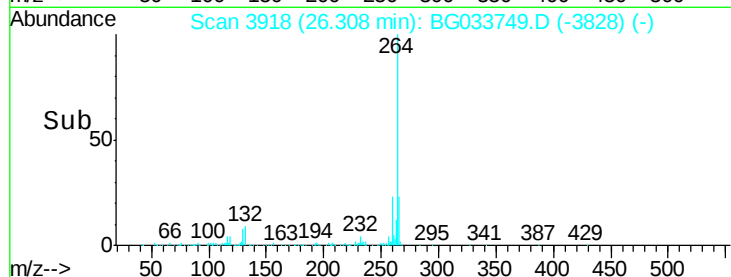
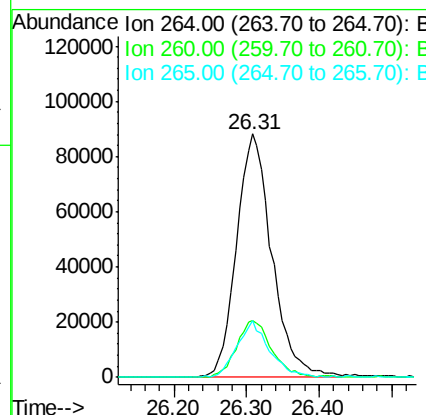
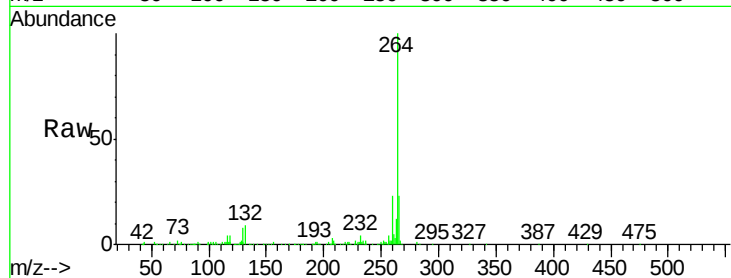




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3918
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

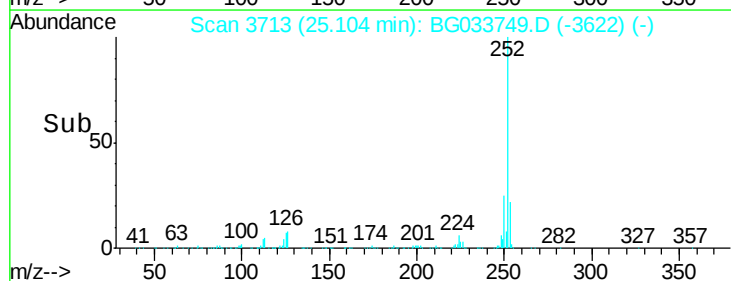
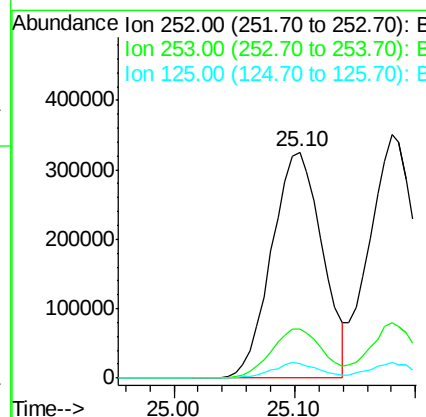
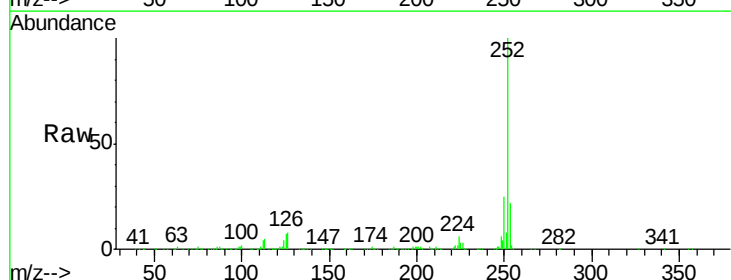
Instrument :
BNA_G
ClientSampleId :

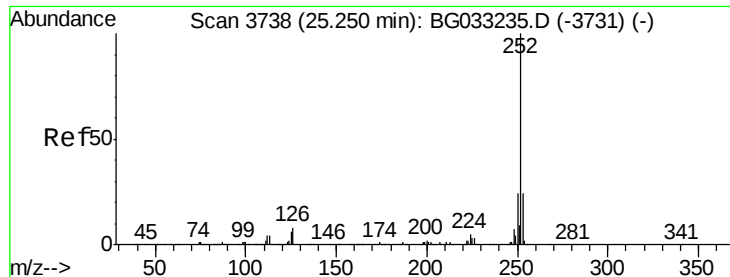
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	23.1	17.7	26.5



#87
Benzo(b)fluoranthene
Concen: 54.838 ng
RT: 25.10 min Scan# 3713
Delta R.T. 0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	6.6	7.2	10.8

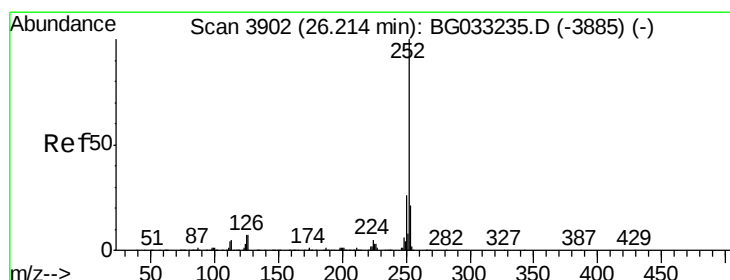
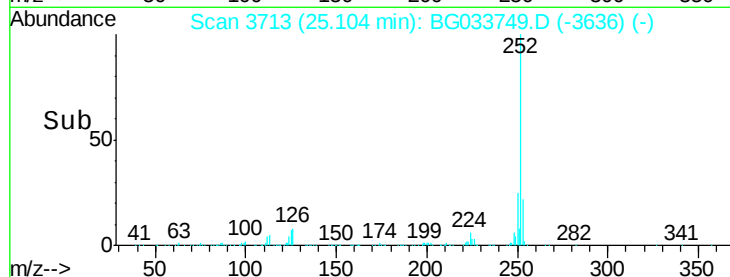
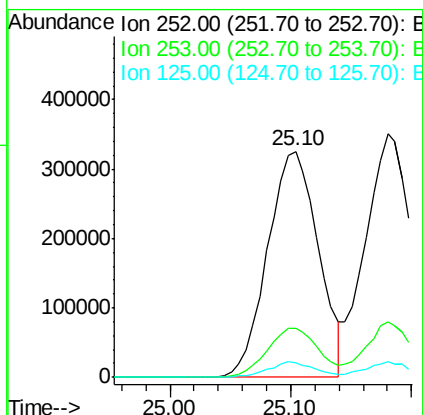
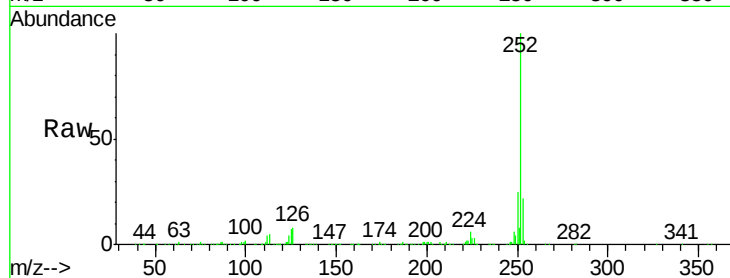




#88
Benzo(k)fluoranthene
Concen: 54.221 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.08 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

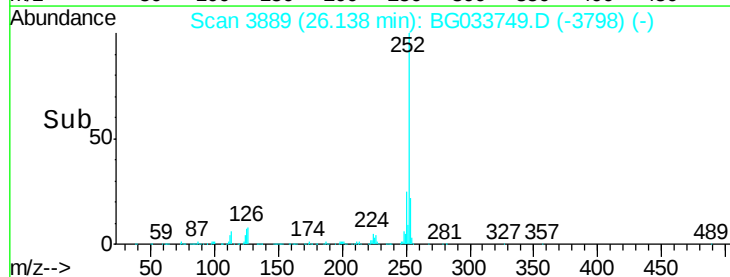
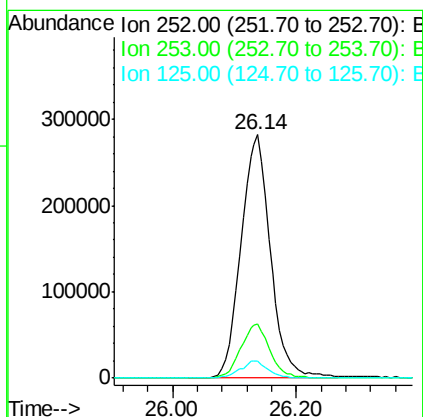
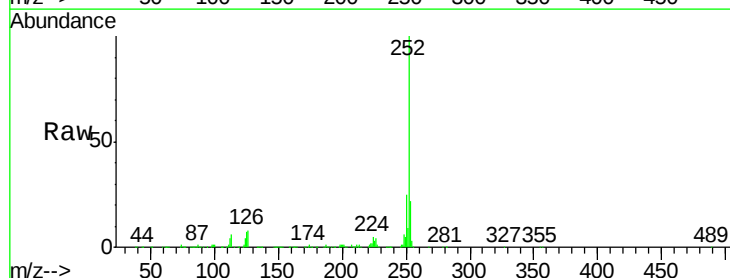
Instrument :
BNA_G
ClientSampleId :

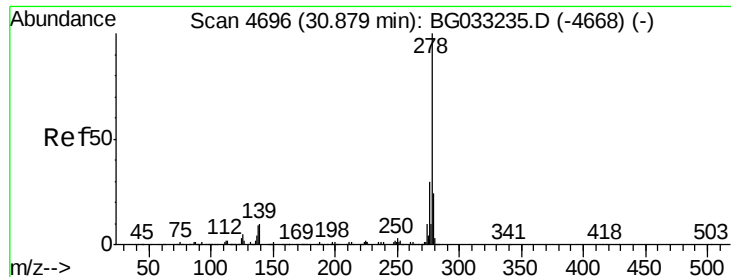
Tot Ion:252 Resp: 945273
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 6.6 6.6 9.8



#89
Benzo(a)pyrene
Concen: 56.403 ng
RT: 26.14 min Scan# 3889
Delta R.T. 0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion:252 Resp: 933689
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 6.9 7.3 10.9#



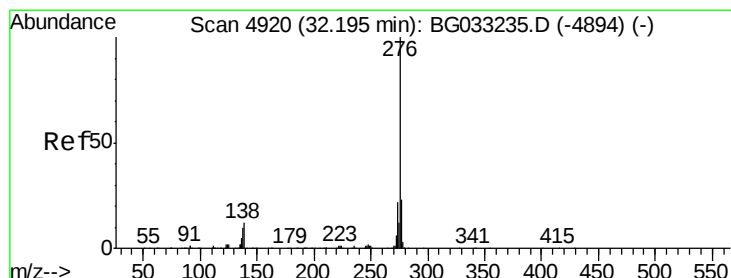
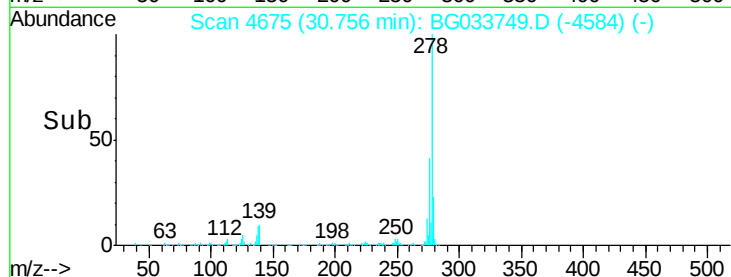
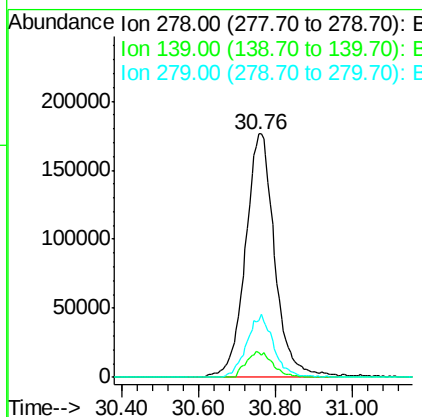
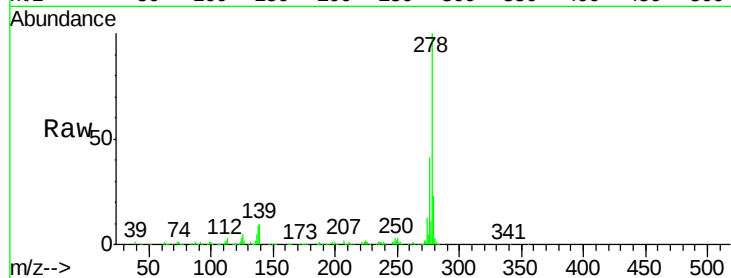


#90
Dibenzo(a,h)anthracene
Concen: 59.797 ng
RT: 30.76 min Scan# 4675
Delta R.T. 0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 932416

Ion	Ratio	Lower	Upper
278	100		
139	10.0	9.8	14.6
279	23.4	18.4	27.6



#91
Benzo(g,h,i)perylene
Concen: 59.092 ng
RT: 32.07 min Scan# 4898
Delta R.T. 0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion:276 Resp: 912430

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.3	27.5
138	12.2	13.9	20.9

