

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033410.D
 Acq On : 29 Mar 2018 7:35
 Operator : SJ/JU
 Sample : J1749-06MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 29 11:40:12 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	42778	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	178207	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	128053	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	326690	20.00	ng	0.00
75) Chrysene-d12	22.56	240	334071	20.00	ng	0.00
86) Perylene-d12	26.33	264	373231	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.30	112	358416	157.11	ng	0.00
7) Phenol-d6	7.99	99	527374	134.54	ng	0.01
23) Nitrobenzene-d5	10.07	82	374315	96.50	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	304459	158.97	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	904017	101.92	ng	0.00
78) Terphenyl-d14	20.73	244	1591981	101.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.94	88	43744	37.757	ng	# 87
3) Pyridine	4.41	79	81696	25.509	ng	99
4) n-Nitrosodimethylamine	4.30	42	68324	51.985	ng	# 86
6) Aniline	8.16	93	33090	7.178	ng	# 85
8) 2-Chlorophenol	8.42	128	146669	56.237	ng	96
9) Benzaldehyde	7.97	77	9013	3.618	ng	90
10) Phenol	8.02	94	188756	48.773	ng	91
11) bis(2-Chloroethyl)ether	8.25	93	127210	40.270	ng	98
12) 1,3-Dichlorobenzene	8.75	146	149259	43.774	ng	96
13) 1,4-Dichlorobenzene	8.90	146	153480	44.945	ng	98
14) 1,2-Dichlorobenzene	9.23	146	152849	45.861	ng	99
15) Benzyl Alcohol	9.11	79	142420	46.147	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.38	45	229620	44.589	ng	88
17) 2-Methylphenol	9.65	107	183705	69.680	ng	87
18) Hexachloroethane	9.99	117	59851	45.411	ng	91
19) n-Nitroso-di-n-propylamine	9.68	70	133093	46.337	ng	97
20) 3+4-Methylphenols	9.65	107	183705	48.939	ng	89
22) Acetophenone	9.71	105	244981	50.178	ng	# 98
24) Nitrobenzene	10.12	77	201338	48.495	ng	93
25) Isophorone	10.63	82	385256	51.176	ng	99
26) 2-Nitrophenol	10.83	139	82885	52.732	ng	# 84
27) 2,4-Dimethylphenol	10.88	122	152278	66.690	ng	88
28) bis(2-Chloroethoxy)methane	11.11	93	195259	51.984	ng	96
29) 2,4-Dichlorophenol	11.39	162	170304	60.647	ng	99
30) 1,2,4-Trichlorobenzene	11.60	180	172036	47.154	ng	97
31) Naphthalene	11.80	128	468350	50.716	ng	98
32) Benzoic acid	11.01	122	22046	10.386	ng	# 76
33) 4-Chloroaniline	11.90	127	15875	3.837	ng	# 92
34) Hexachlorobutadiene	12.06	225	128272	46.492	ng	97
35) Caprolactam	12.66	113	45293	41.171	ng	97
36) 4-Chloro-3-methylphenol	12.97	107	202721	55.350	ng	94
37) 2-Methylnaphthalene	13.36	142	350697	48.927	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	237138	51.125	ng	99
40) Hexachlorocyclopentadiene	13.68	237	235108	86.464	ng	92

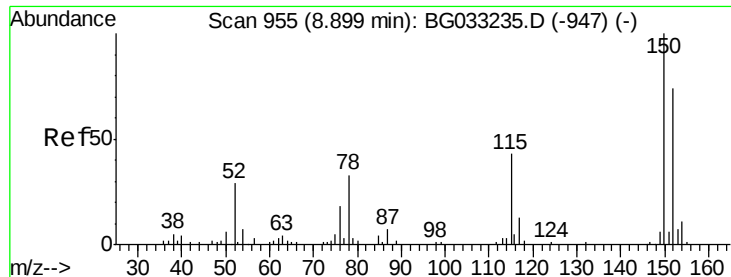
Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.94	196	161201	59.816	nq	97
43) 2,4,5-Trichlorophenol	14.02	196	183196	57.511	nq	98
45) 1,1'-Biphenyl	14.32	154	498882	50.710	nq	95
46) 2-Chloronaphthalene	14.38	162	382908	50.478	nq	97
47) 2-Nitroaniline	14.58	65	154600	54.413	nq	97
48) Acenaphthylene	15.22	152	622825	49.189	nq	99
49) Dimethylphthalate	14.91	163	574780	51.577	nq	99
50) 2,6-Dinitrotoluene	15.05	165	123039	53.996	nq	97
51) Acenaphthene	15.55	154	425889	52.177	nq	94
52) 3-Nitroaniline	15.39	138	28242	11.822	nq #	98
53) 2,4-Dinitrophenol	15.58	184	63443	56.271	nq #	81
54) Dibenzofuran	15.88	168	632308	52.444	nq	92
55) 4-Nitrophenol	15.68	139	156741	93.307	nq #	89
56) 2,4-Dinitrotoluene	15.82	165	178526	53.211	nq	96
57) Fluorene	16.52	166	527642	51.370	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.10	232	171943	57.337	nq	97
59) Diethylphthalate	16.25	149	559061	51.664	nq	95
60) 4-Chlorophenyl-phenylether	16.49	204	307485	52.076	nq	98
61) 4-Nitroaniline	16.54	138	97401	40.262	nq #	81
62) Azobenzene	16.79	77	542871	51.789	nq	97
64) 4,6-Dinitro-2-methylphenol	16.58	198	67141	34.355	nq	93
65) n-Nitrosodiphenylamine	16.71	169	477862	51.237	nq	98
66) 4-Bromophenyl-phenylether	17.39	248	205332	53.518	nq	94
67) Hexachlorobenzene	17.52	284	210861	52.076	nq	95
68) Atrazine	17.63	200	185767	49.154	nq	97
69) Pentachlorophenol	17.86	266	229150	82.455	nq	98
70) Phenanthrene	18.26	178	866553	50.932	nq	98
71) Anthracene	18.35	178	899744	52.228	nq	98
72) Carbazole	18.61	167	765482	50.144	nq #	97
73) Di-n-butylphthalate	19.10	149	912330	51.345	nq #	98
74) Fluoranthene	20.21	202	1084984	51.532	nq	97
76) Benzidine	20.38	184	25591	2.825	nq	99
77) Pyrene	20.57	202	1075884	48.288	nq	98
79) Butylbenzylphthalate	21.43	149	427340	51.975	nq	94
80) Benzo(a)anthracene	22.54	228	1112287	52.288	nq	99
81) 3,3'-Dichlorobenzidine	22.43	252	75284	9.945	nq #	97
82) Chrysene	22.62	228	1053882	51.180	nq	98
83) Bis(2-ethylhexyl)phthalate	22.36	149	570374	50.324	nq	98
84) Di-n-octyl phthalate	23.76	149	1011720	58.299	nq	96
85) Indeno(1,2,3-cd)pyrene	30.72	276	1249225	56.111	nq #	77
87) Benzo(b)fluoranthene	25.12	252	1083567	50.250	nq #	97
88) Benzo(k)fluoranthene	25.21	252	1130517	51.838	nq #	95
89) Benzo(a)pyrene	26.16	252	1101313	53.183	nq #	96
90) Dibenzo(a,h)anthracene	30.80	278	1071011	54.907	nq	96
91) Benzo(g,h,i)perylene	32.09	276	986429	51.069	nq #	94

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

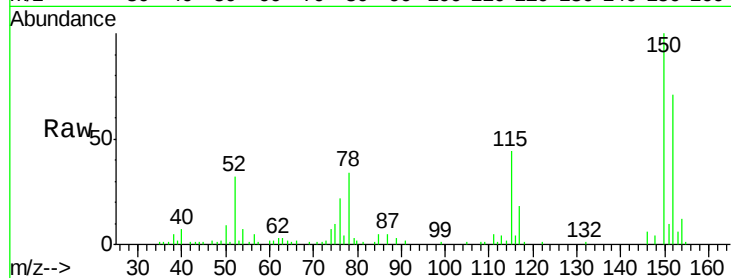


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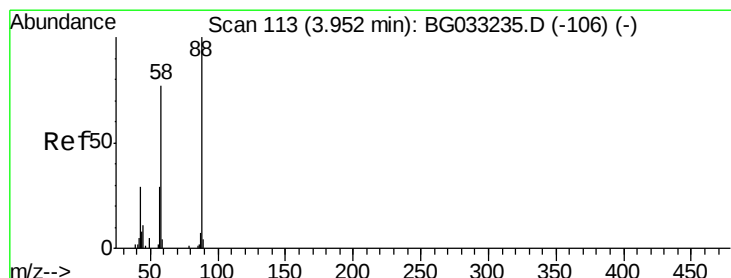
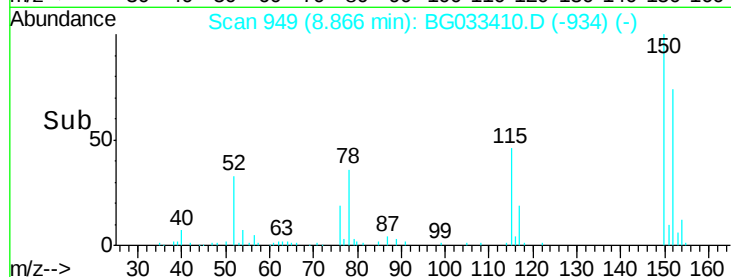
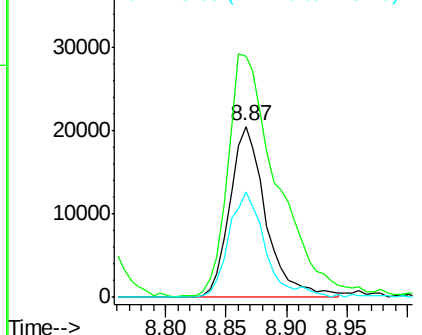
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 42778
Ion Ratio Lower Upper
152 100
150 141.1 126.6 189.8
115 61.4 53.0 79.4



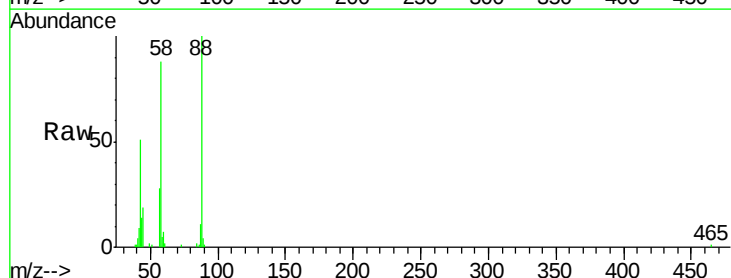
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



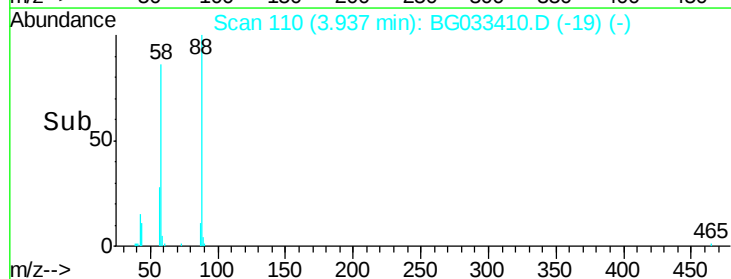
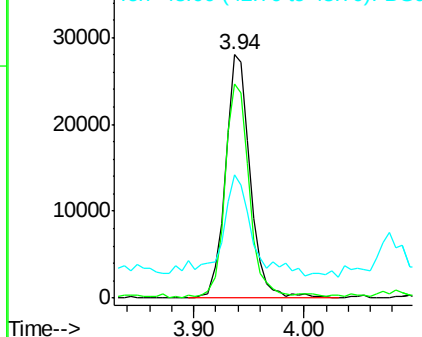
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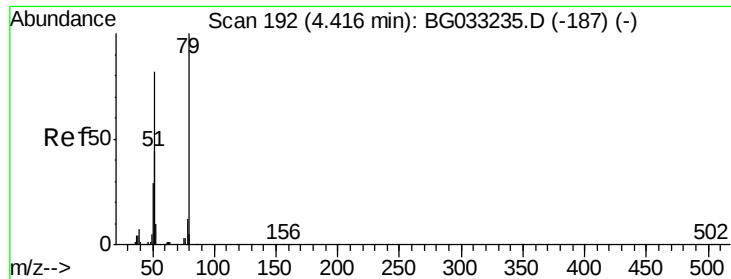
1,4-Dioxane
Concen: 37.757 ng
RT: 3.94 min Scan# 110
Delta R.T. 0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion: 88 Resp: 43744
Ion Ratio Lower Upper
88 100
58 87.6 79.6 119.4
43 44.2 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: 25.509 ng

RT: 4.41 min Scan# 190

Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

ClientSampled :

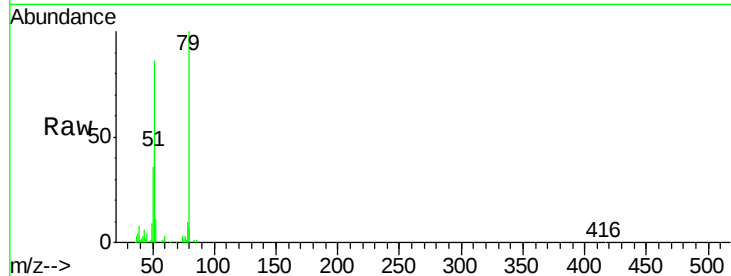
Tot Ion: 79 Resp: 81696

Ion Ratio Lower Upper

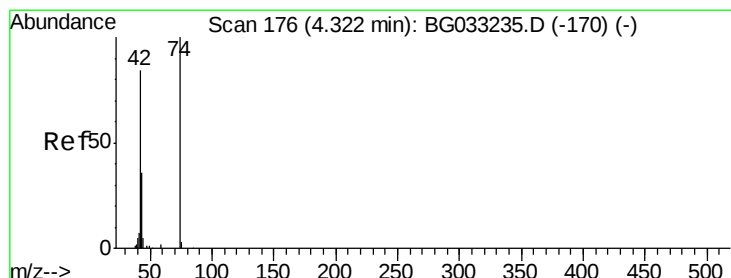
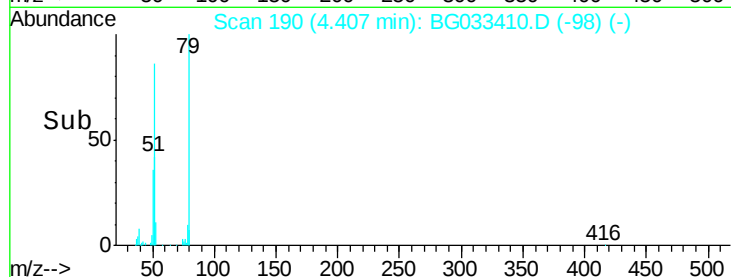
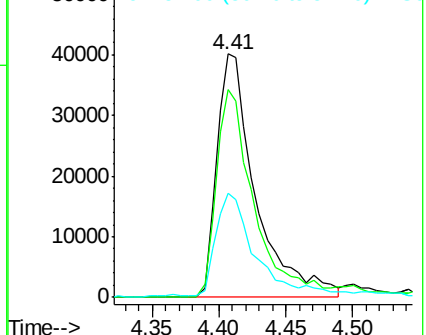
79 100

52 85.5 69.9 104.9

51 42.7 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: 51.985 ng

RT: 4.30 min Scan# 172

Delta R.T. -0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

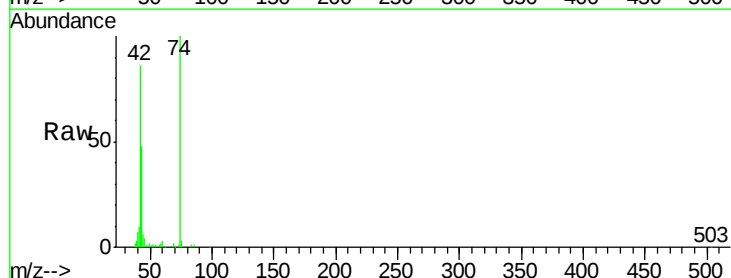
Tgt Ion: 42 Resp: 68324

Ion Ratio Lower Upper

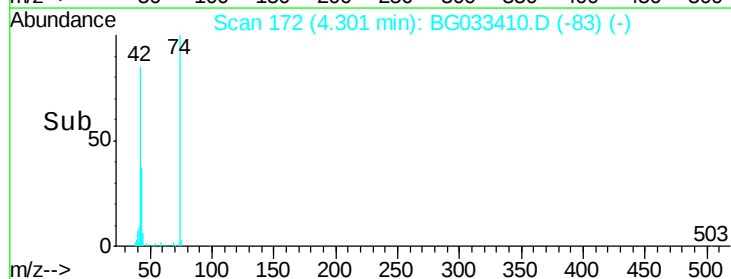
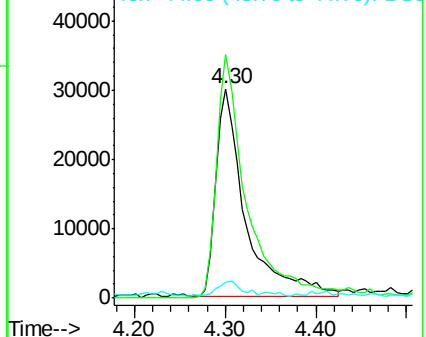
42 100

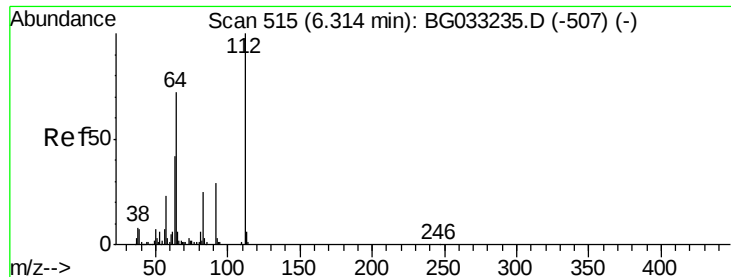
74 116.2 102.5 153.7

44 7.5 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: 157.107 ng

RT: 6.30 min Scan# 512

Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

ClientSampled :

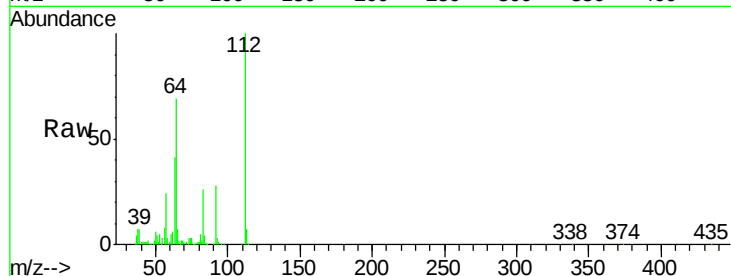
Tot Ion:112 Resp: 358416

Ion Ratio Lower Upper

112 100

64 68.8 56.3 84.5

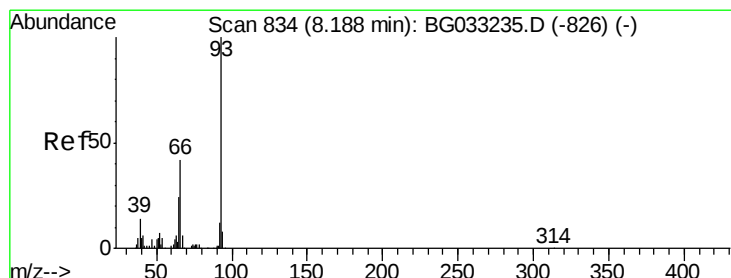
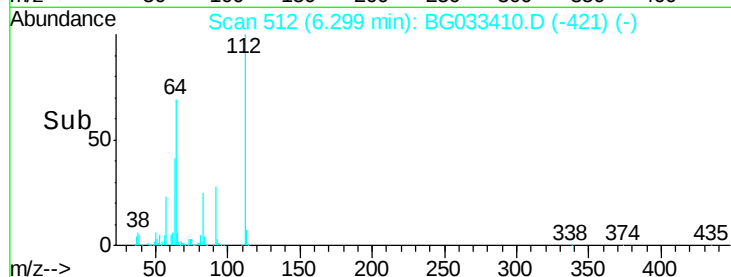
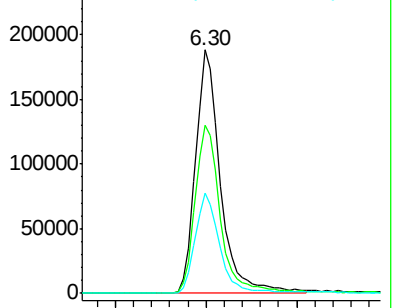
63 41.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.178 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

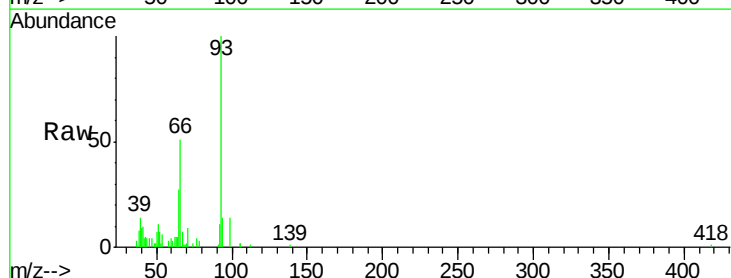
Tgt Ion: 93 Resp: 33090

Ion Ratio Lower Upper

93 100

66 51.3 33.7 50.5#

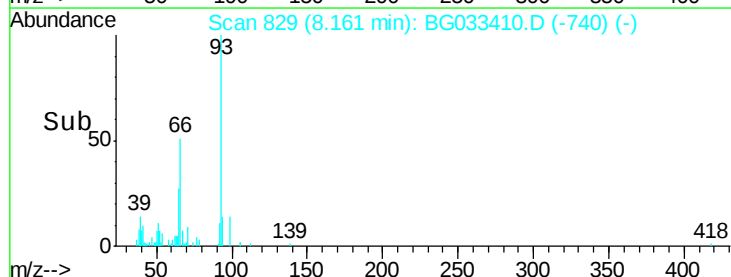
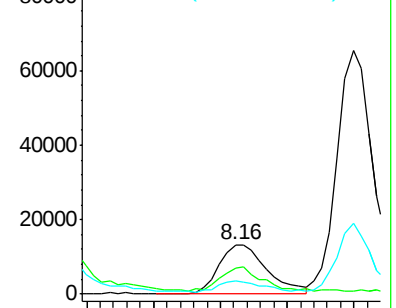
65 27.3 16.1 24.1#

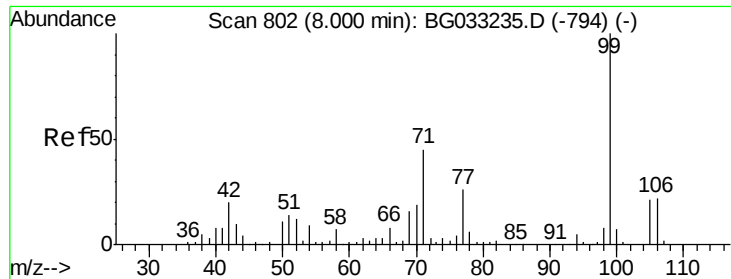


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.540 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

ClientSampleId :

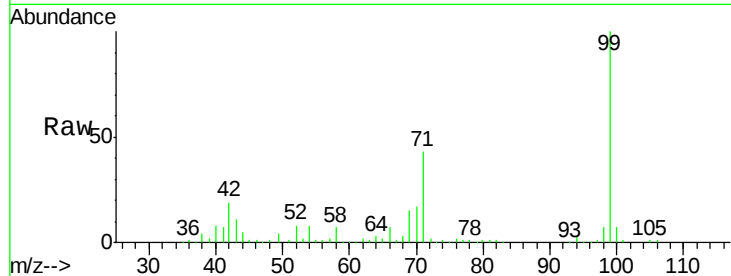
Tot Ion: 99 Resp: 527374

Ion Ratio Lower Upper

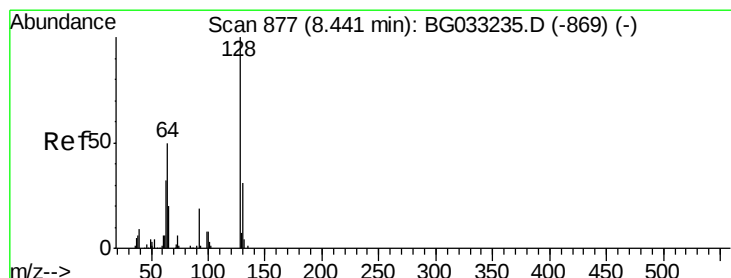
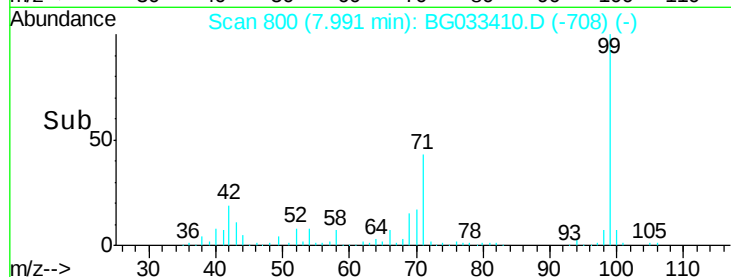
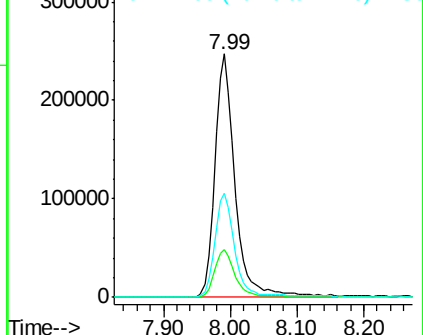
99 100

42 19.4 14.1 21.1

71 42.6 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: 56.237 ng

RT: 8.42 min Scan# 873

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

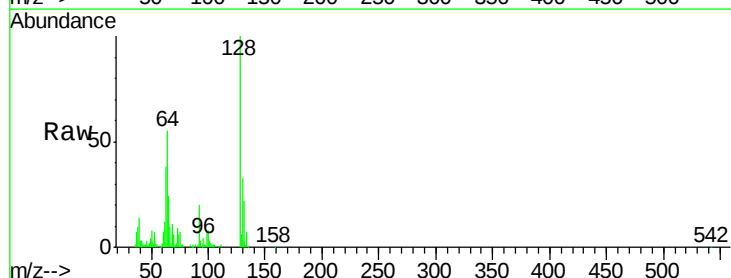
Tgt Ion:128 Resp: 146669

Ion Ratio Lower Upper

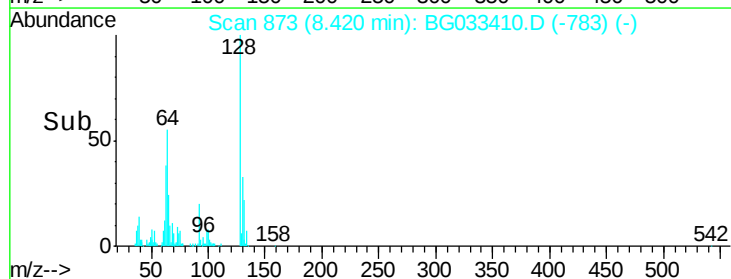
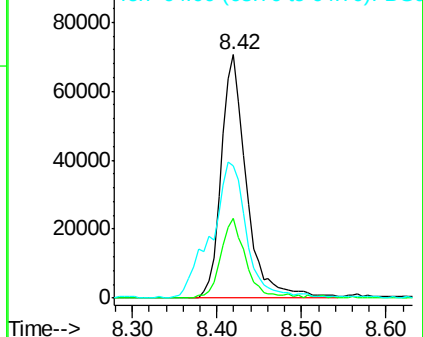
128 100

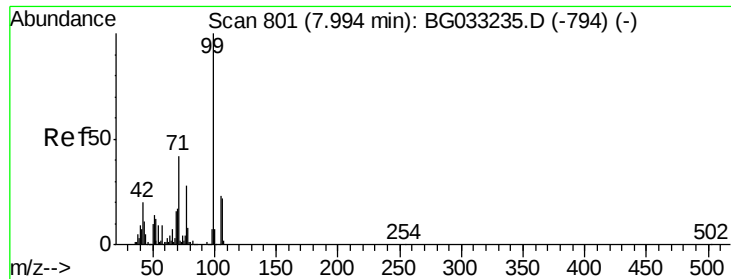
130 32.6 14.0 54.0

64 54.6 37.7 77.7



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





#9

Benzaldehyde

Concen: 3.618 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

ClientSampled :

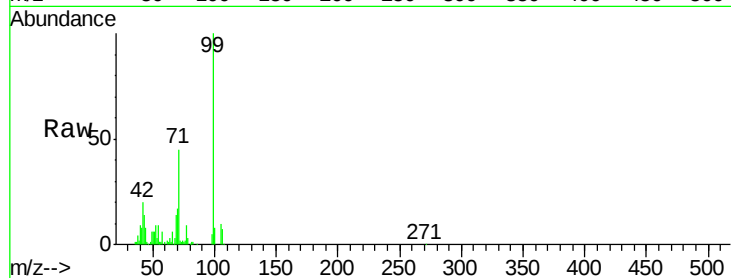
Tot Ion: 77 Resp: 9013

Ion Ratio Lower Upper

77 100

105 103.9 71.3 111.3

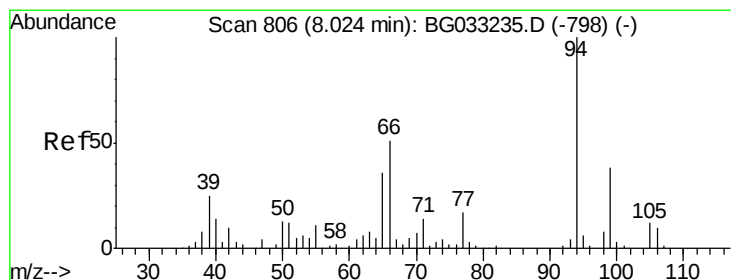
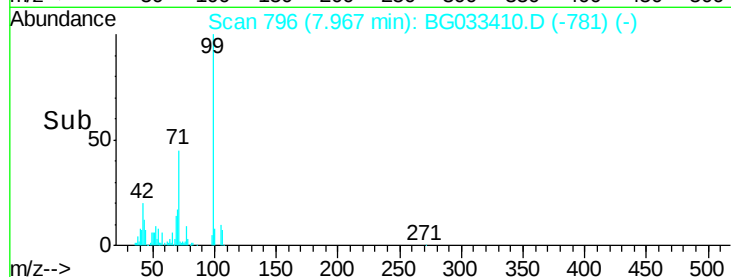
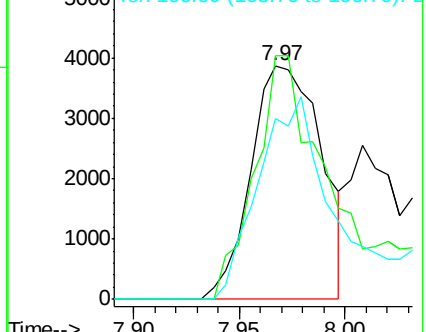
106 77.4 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.773 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

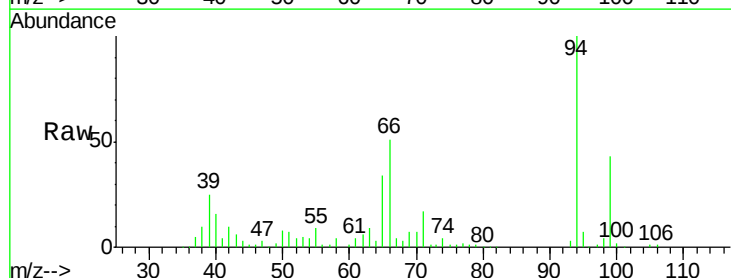
Tgt Ion: 94 Resp: 188756

Ion Ratio Lower Upper

94 100

65 33.5 11.9 51.9

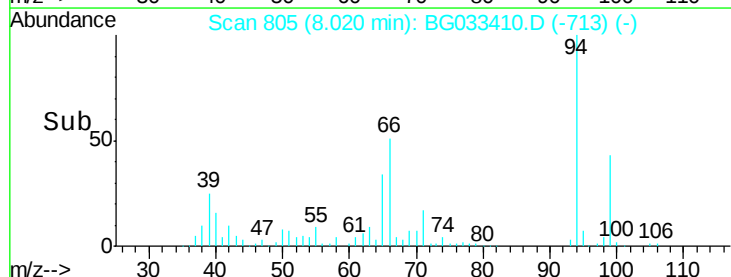
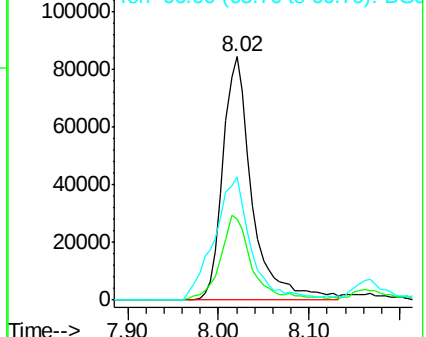
66 50.8 22.2 62.2

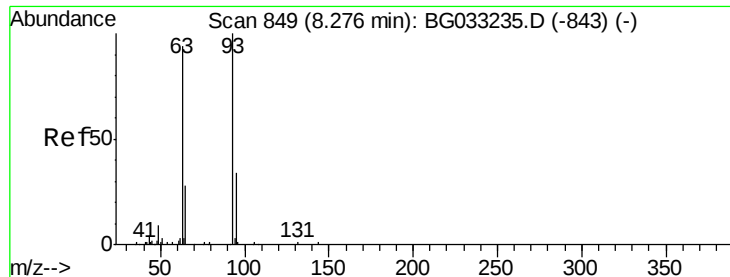


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

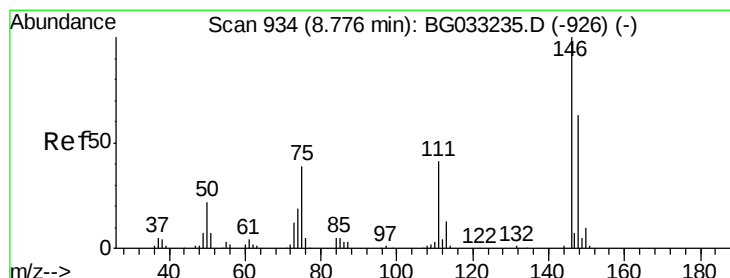
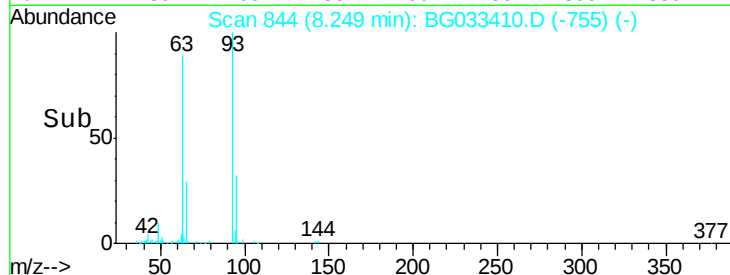
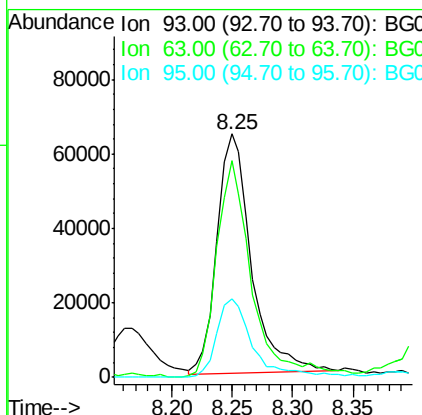
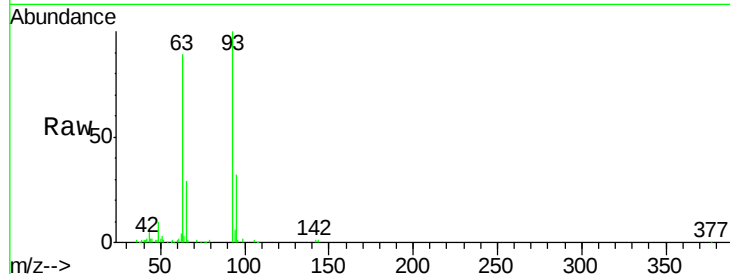




#11
bis(2-Chloroethyl)ether
Concen: 40.270 ng
RT: 8.25 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

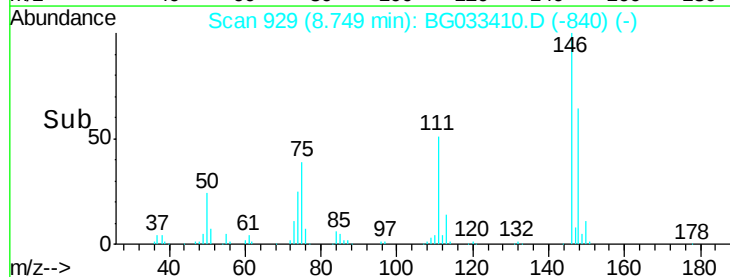
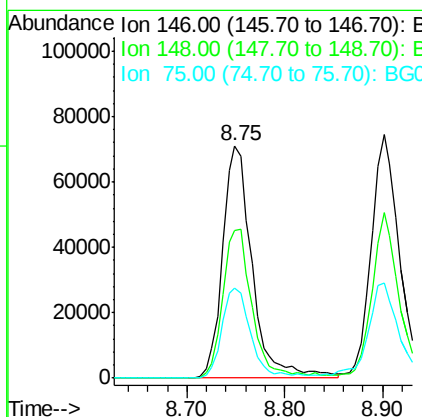
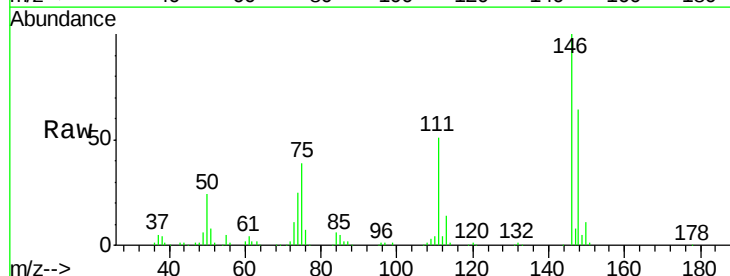
Instrument :
BNA_G
ClientSampleId :

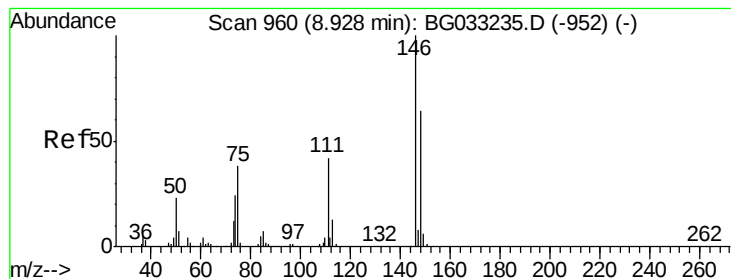
Tot Ion: 93 Resp: 127210
Ion Ratio Lower Upper
93 100
63 89.2 67.1 107.1
95 32.3 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 43.774 ng
RT: 8.75 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion: 146 Resp: 149259
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
75 39.0 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 44.945 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

ClientSampled :

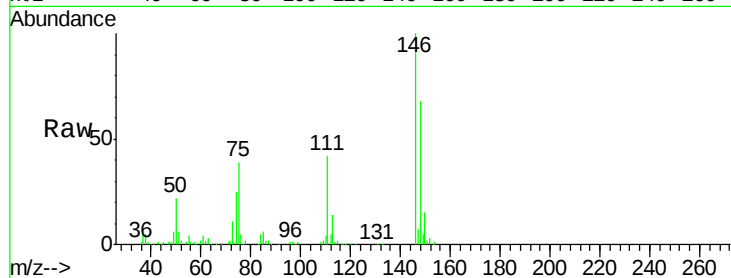
Tot Ion:146 Resp: 153480

Ion Ratio Lower Upper

146 100

148 67.8 53.7 80.5

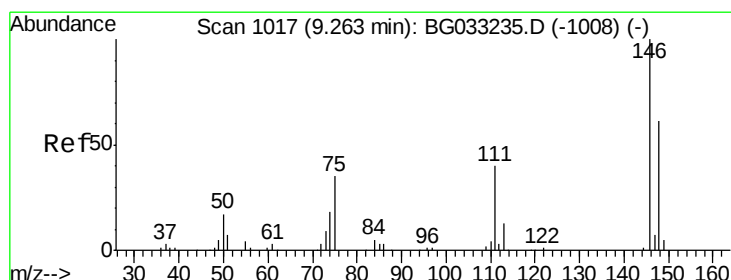
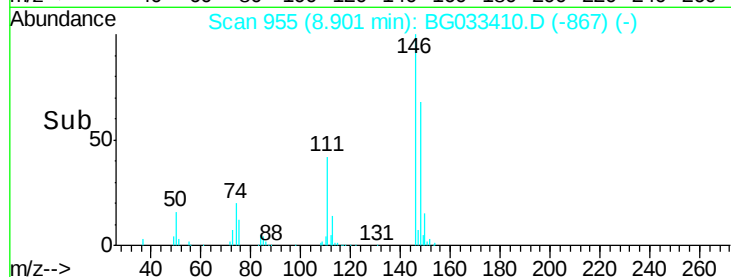
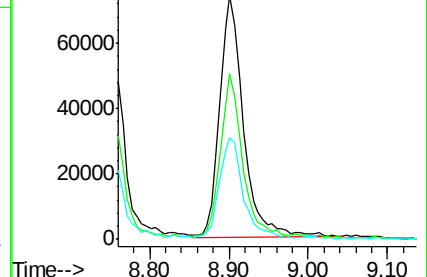
111 41.9 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.861 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

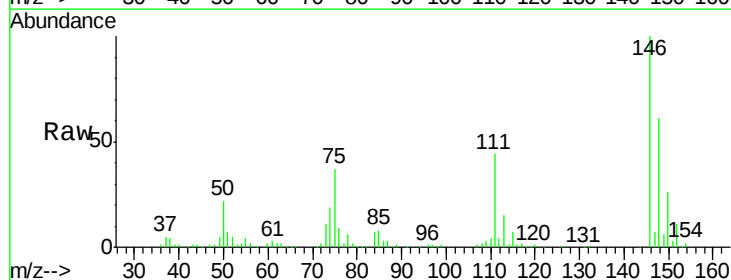
Tgt Ion:146 Resp: 152849

Ion Ratio Lower Upper

146 100

148 61.4 49.3 73.9

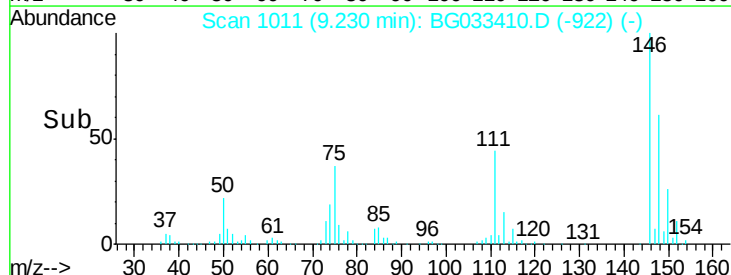
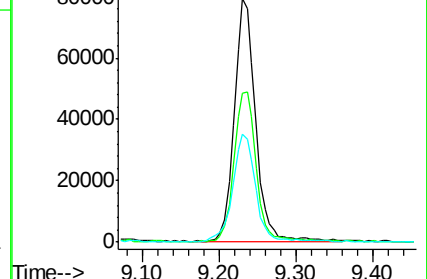
111 44.1 34.3 51.5

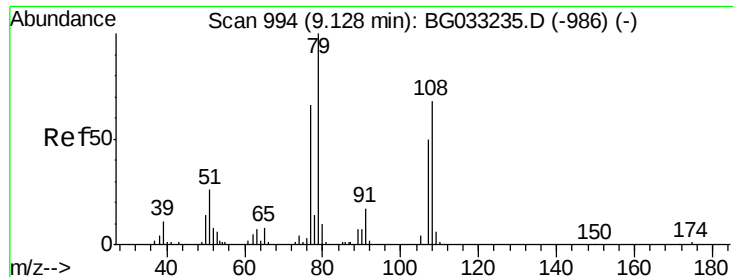


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.147 ng

RT: 9.11 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

ClientSampleId :

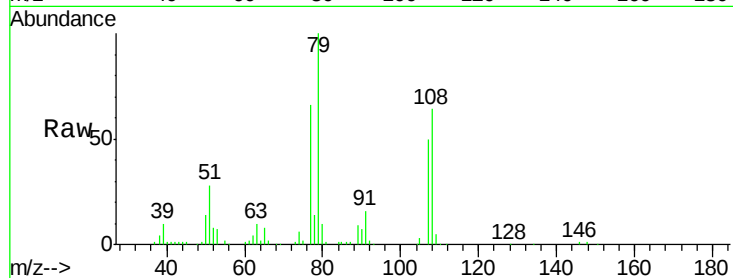
Tot Ion: 79 Resp: 142420

Ion Ratio Lower Upper

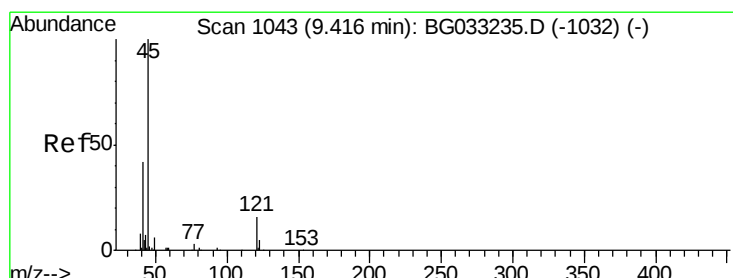
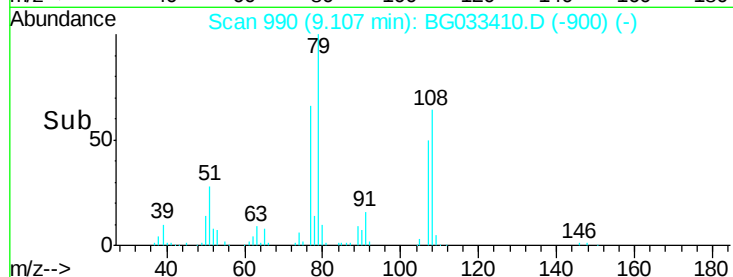
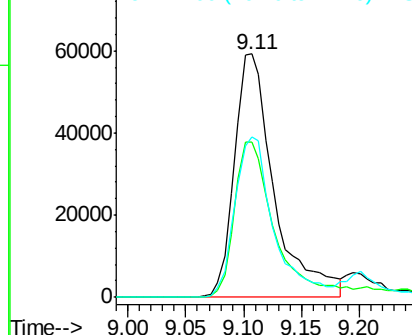
79 100

108 63.9 57.2 85.8

77 65.7 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.589 ng

RT: 9.38 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

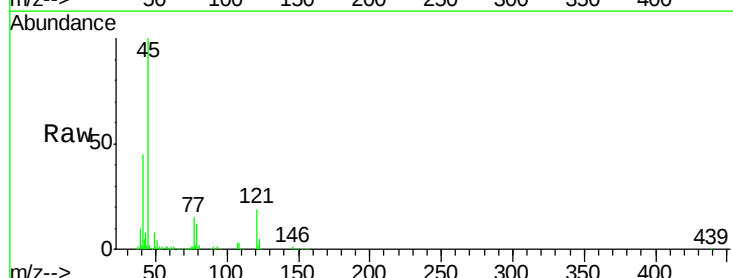
Tgt Ion: 45 Resp: 229620

Ion Ratio Lower Upper

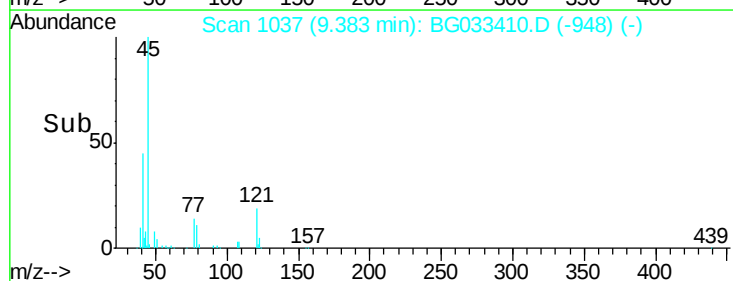
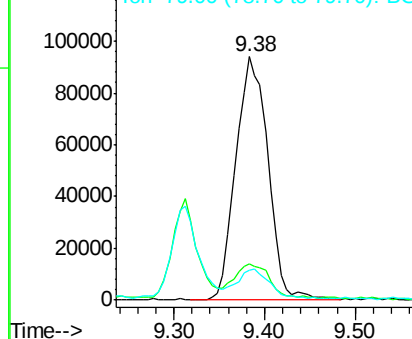
45 100

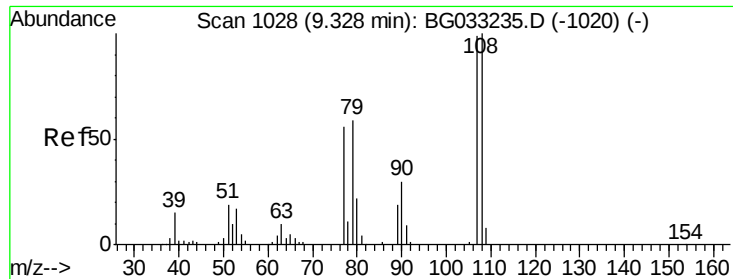
77 14.8 0.0 30.2

79 12.1 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

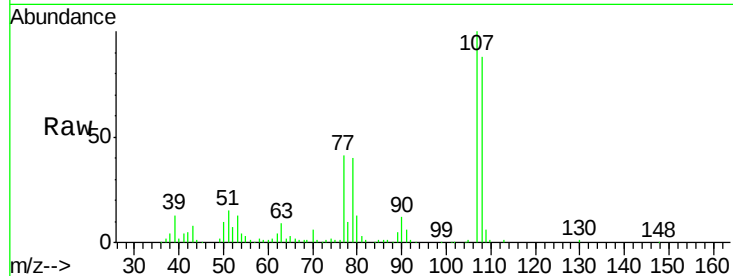




#17
2-Methylphenol
Concen: 69.680 ng
RT: 9.65 min Scan# 1082
Delta R.T. 0.34 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	87.9	83.9	125.9
77	40.6	37.2	55.8
79	39.5	36.2	54.2



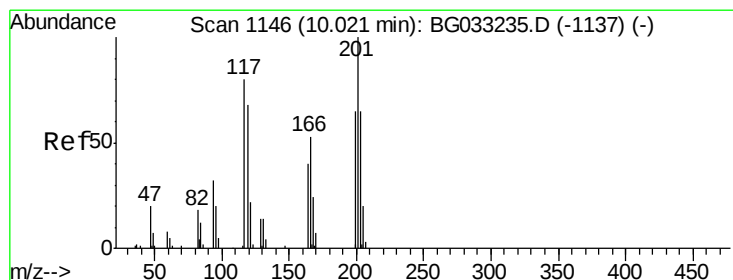
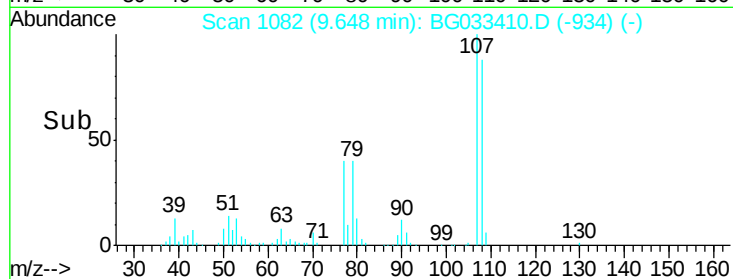
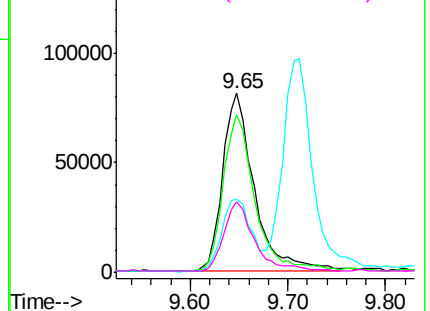
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

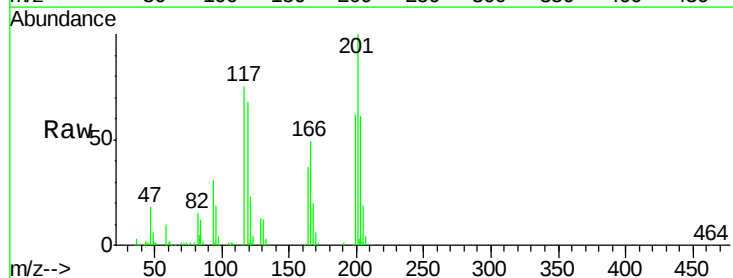
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 45.411 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.3	76.7	115.1
201	133.2	95.7	143.5

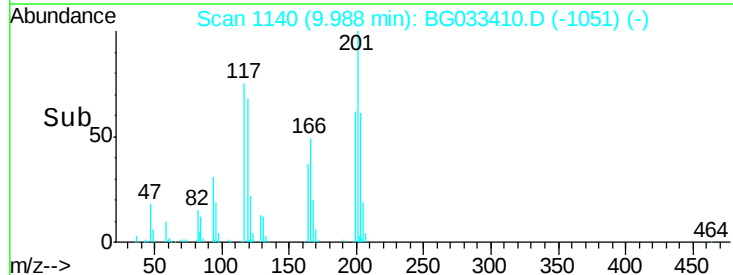
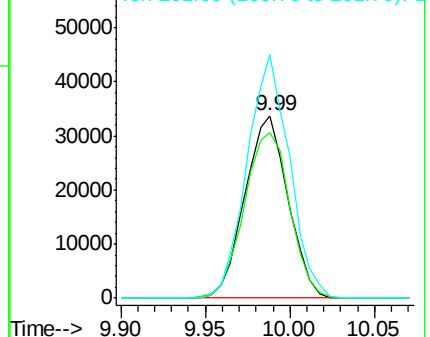


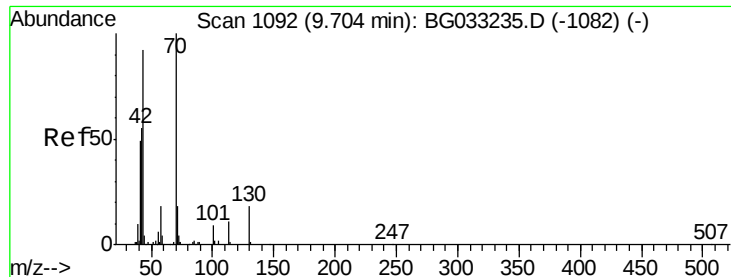
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

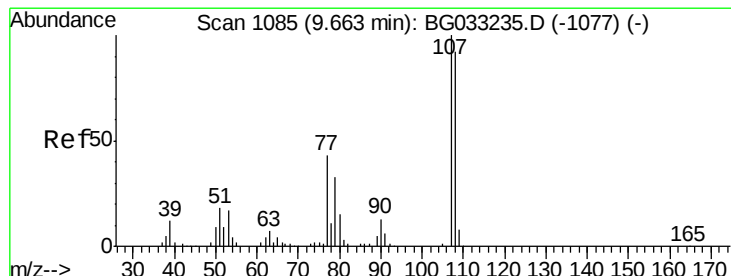
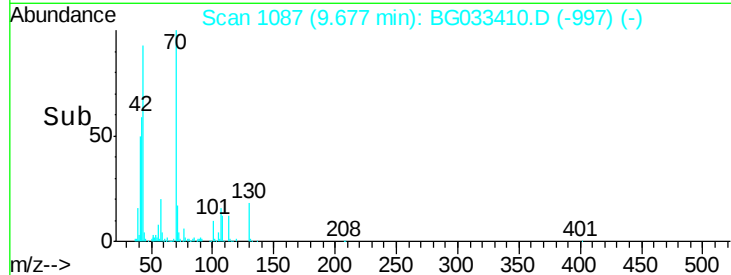
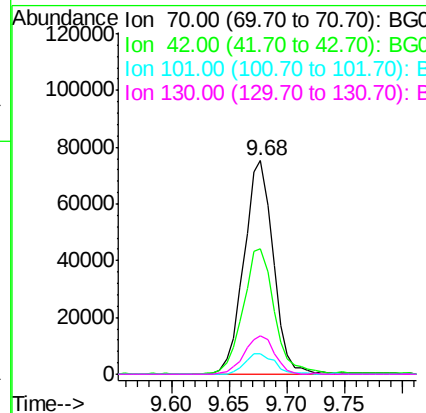
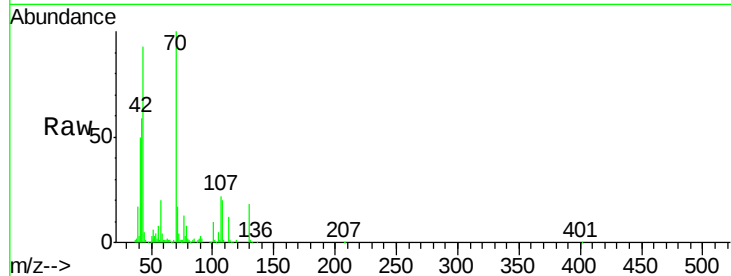




#19
n-Nitroso-di-n-propylamine
Concen: 46.337 ng
RT: 9.68 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

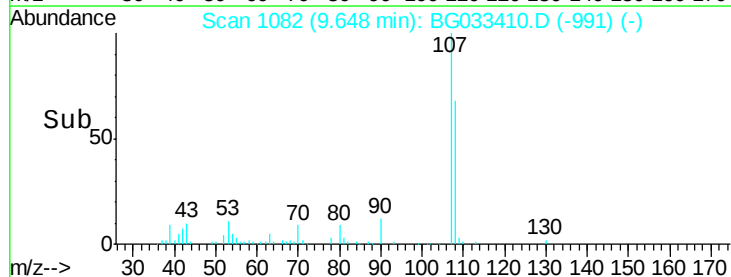
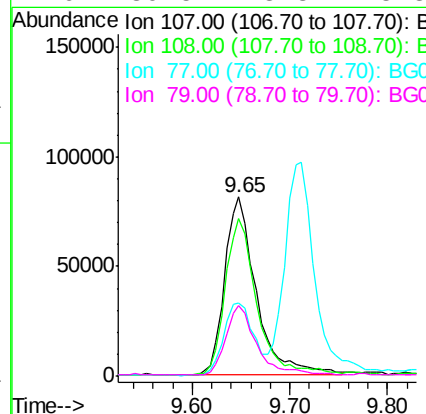
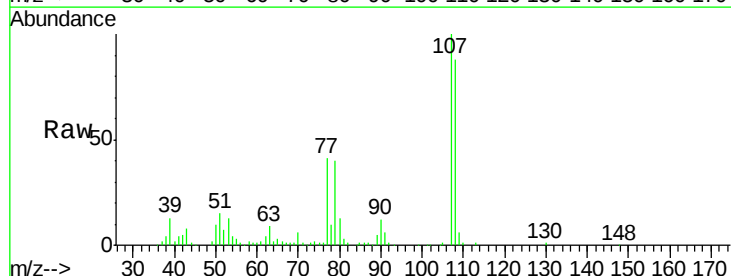
Instrument :
BNA_G
ClientSampleId :

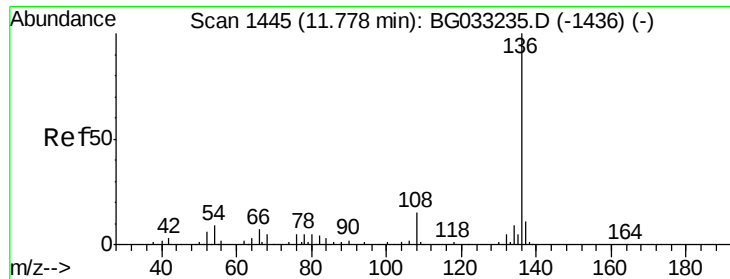
Tot Ion:	70	Resp:	133093
Ion	Ratio	Lower	Upper
70	100		
42	58.9	49.1	73.7
101	9.7	8.5	12.7
130	18.1	13.4	20.0



#20
3+4-Methylphenols
Concen: 48.939 ng
RT: 9.65 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion:	107	Resp:	183705
Ion	Ratio	Lower	Upper
107	100		
108	87.9	61.6	101.6
77	40.6	13.9	53.9
79	39.5	8.8	48.8

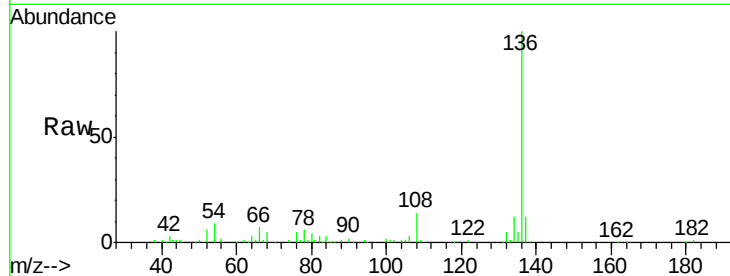




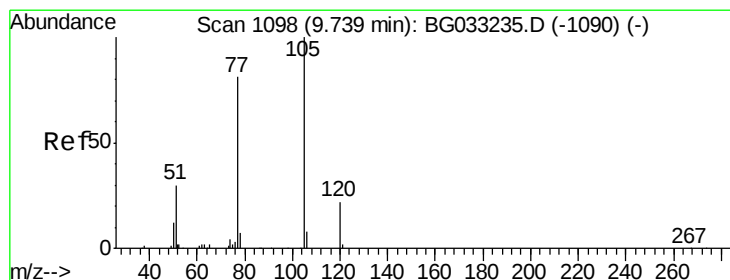
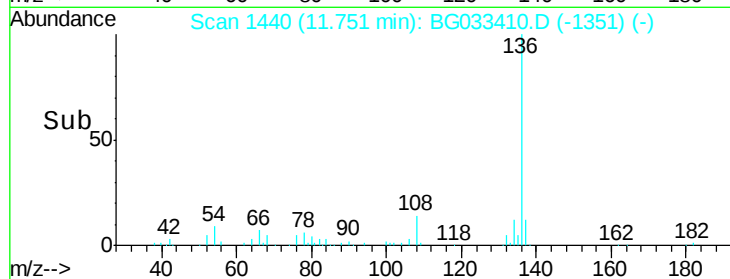
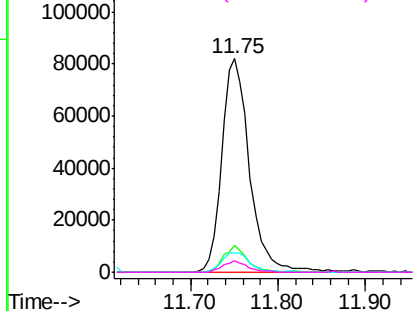
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	178207
Ion Ratio	Lower	Upper
136	100	
137	12.4	9.2 13.8
54	9.1	10.3 15.5#
68	5.4	4.5 6.7

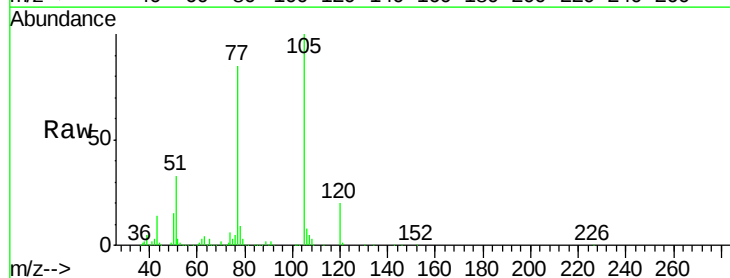


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

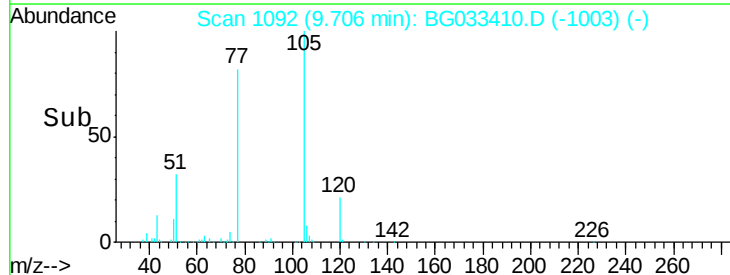
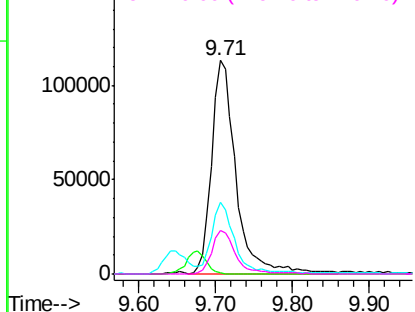


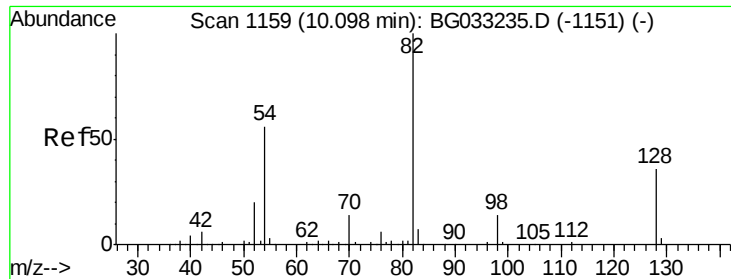
#22
Acetophenone
Concen: 50.178 ng
RT: 9.71 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion:105	Resp:	244981
Ion Ratio	Lower	Upper
105	100	
71	0.4	3.0 4.4#
51	33.3	26.1 39.1
120	20.5	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: 96.503 ng

RT: 10.07 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

ClientSampled :

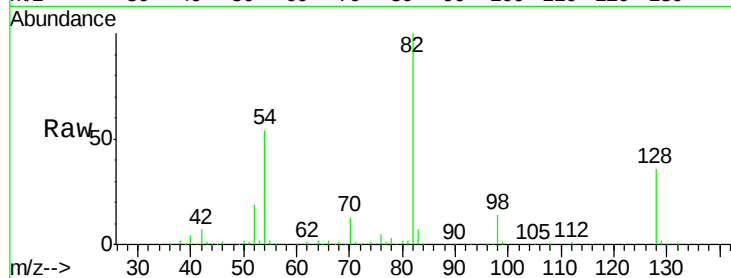
Tot Ion: 82 Resp: 374315

Ion Ratio Lower Upper

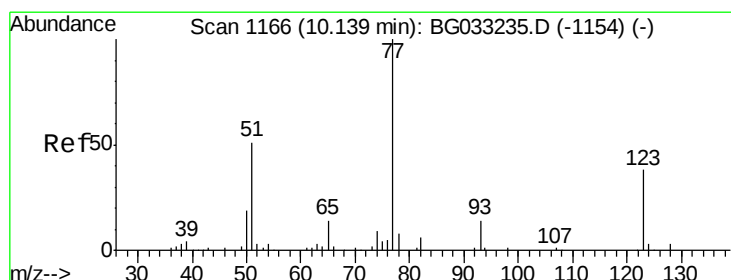
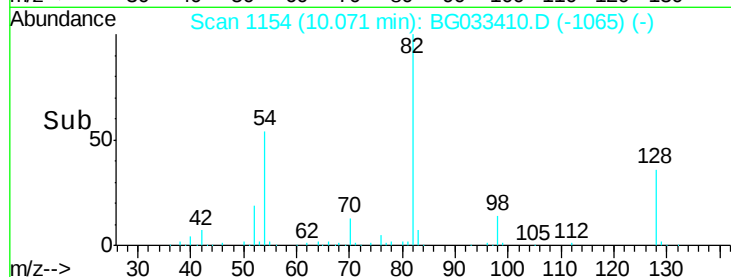
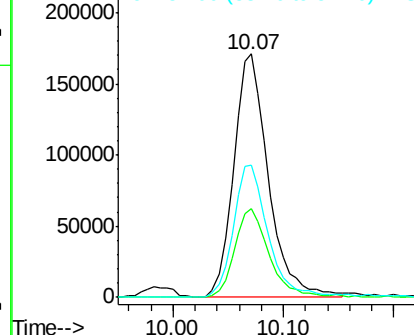
82 100

128 36.2 29.7 44.5

54 54.2 43.1 64.7



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



#24

Nitrobenzene

Concen: 48.495 ng

RT: 10.12 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

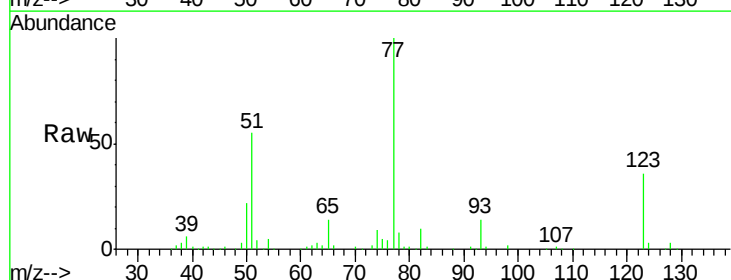
Tgt Ion: 77 Resp: 201338

Ion Ratio Lower Upper

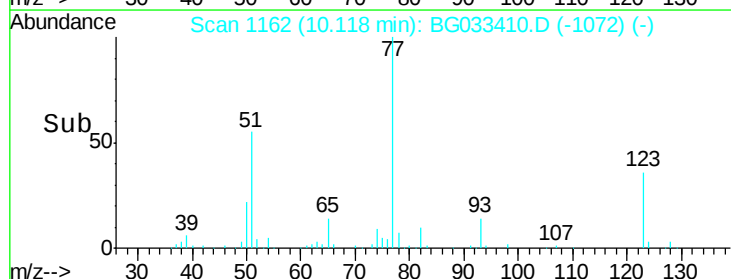
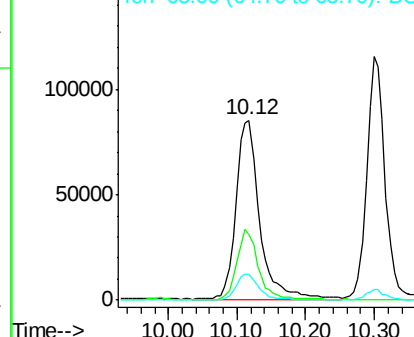
77 100

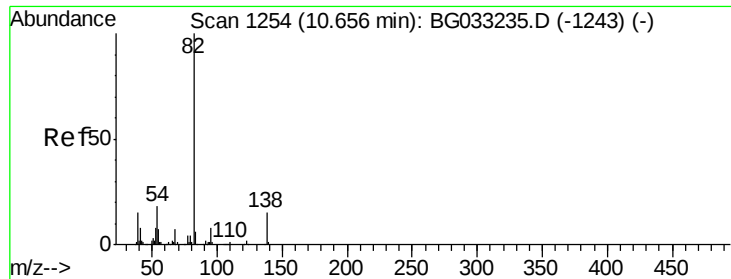
123 36.2 33.0 49.6

65 14.4 13.0 19.6



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





#25

Isophorone

Concen: 51.176 ng

RT: 10.63 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

ClientSampleId :

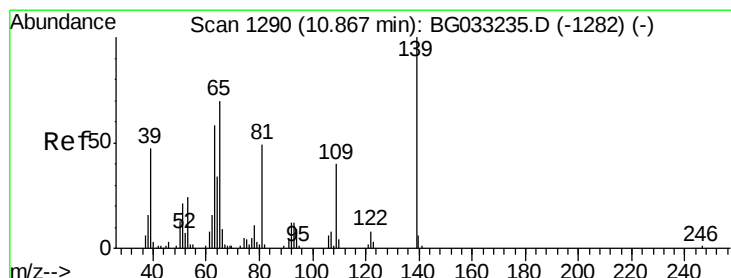
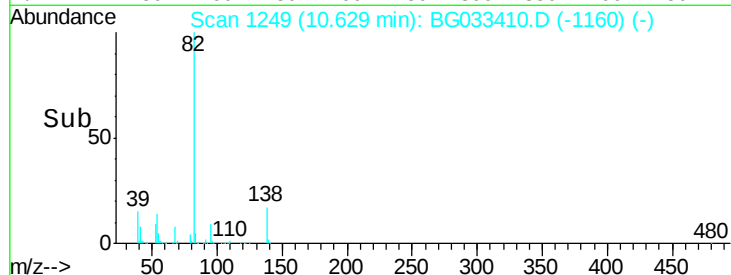
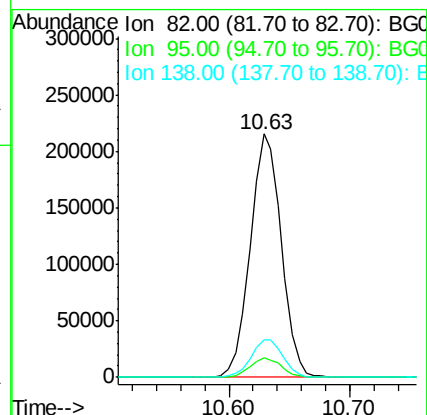
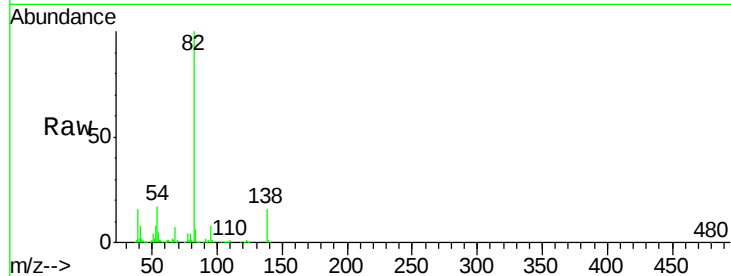
Tot Ion: 82 Resp: 385256

Ion Ratio Lower Upper

82 100

95 8.0 6.2 9.2

138 15.7 12.1 18.1



#26

2-Nitrophenol

Concen: 52.732 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

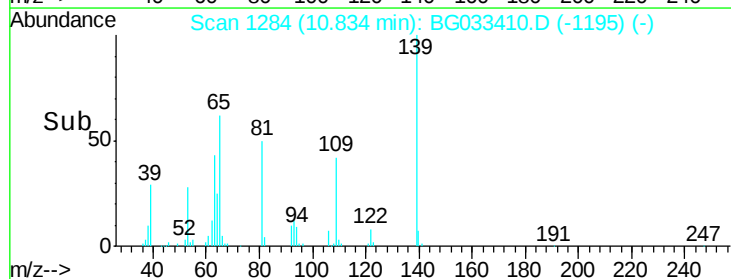
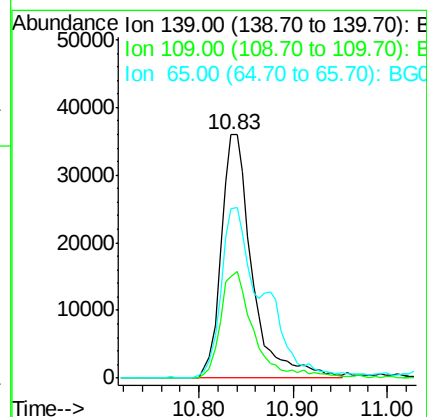
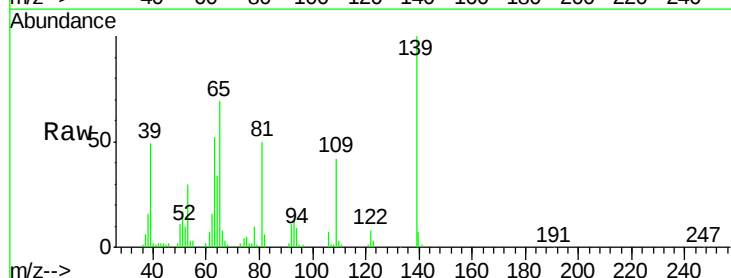
Tgt Ion: 139 Resp: 82885

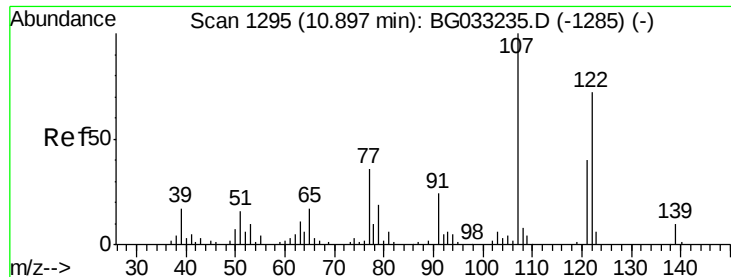
Ion Ratio Lower Upper

139 100

109 41.8 24.2 36.2#

65 69.5 47.4 71.0

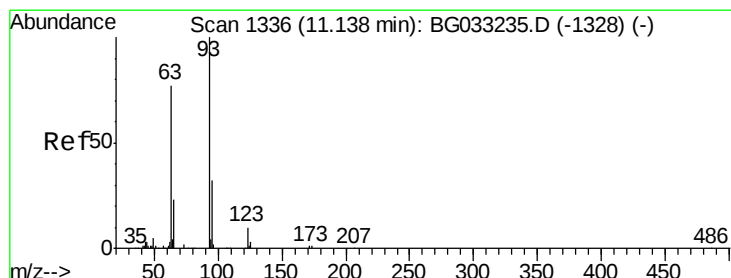
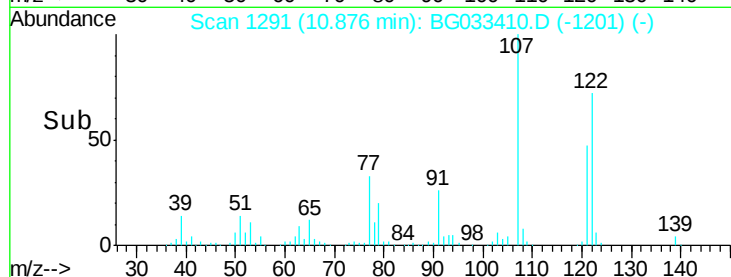
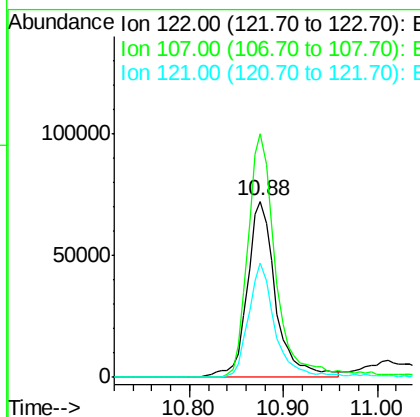
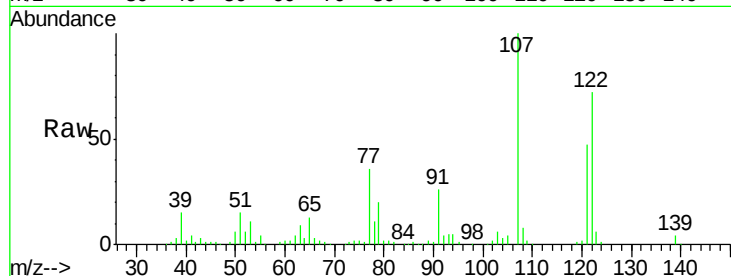




#27
 2,4-Dimethylphenol
 Concen: 66.690 ng
 RT: 10.88 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

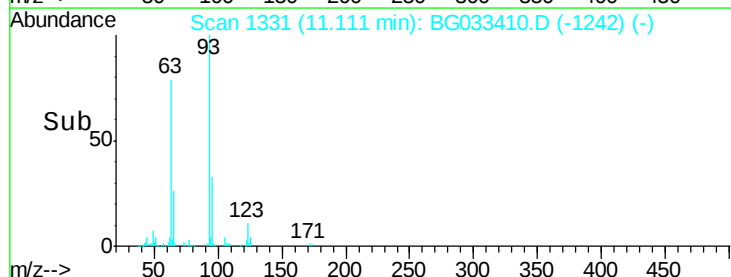
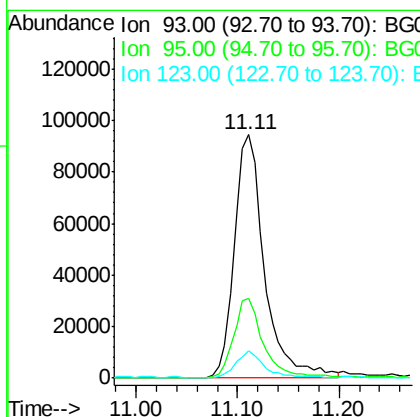
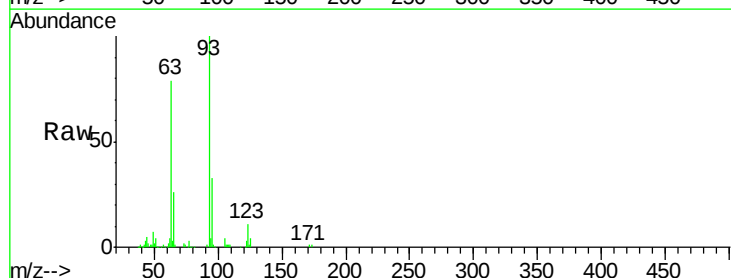
Instrument :
 BNA_G
 ClientSampleId :

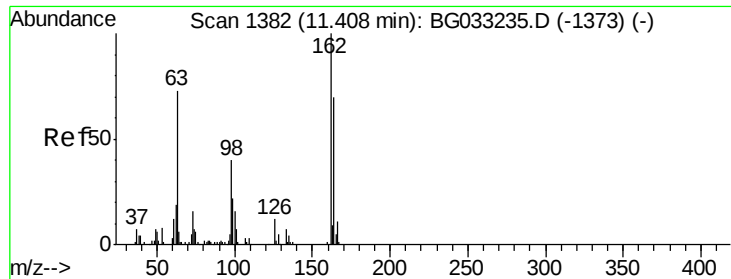
Tot Ion:122 Resp: 152278
 Ion Ratio Lower Upper
 122 100
 107 138.1 100.2 150.2
 121 64.6 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.984 ng
 RT: 11.11 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion: 93 Resp: 195259
 Ion Ratio Lower Upper
 93 100
 95 33.0 24.3 36.5
 123 11.1 8.4 12.6

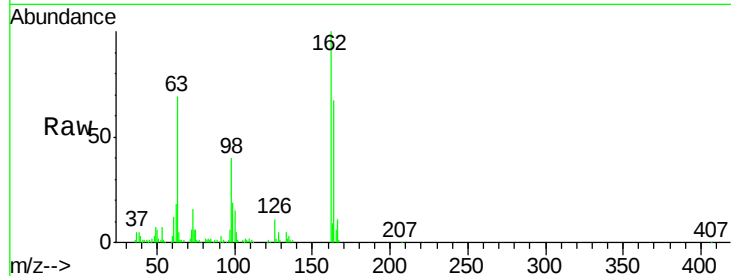




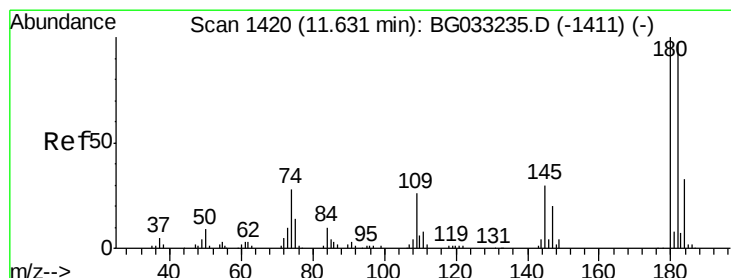
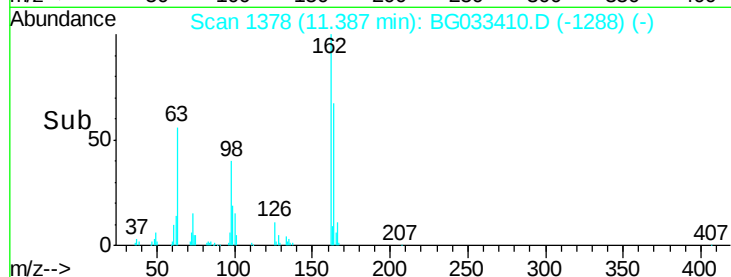
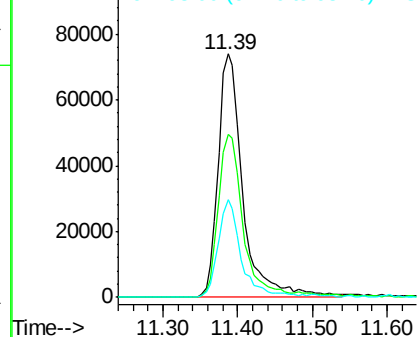
#29
2,4-Dichlorophenol
Concen: 60.647 ng
RT: 11.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 170304
Ion Ratio Lower Upper
162 100
164 67.1 48.0 88.0
98 40.1 21.1 61.1

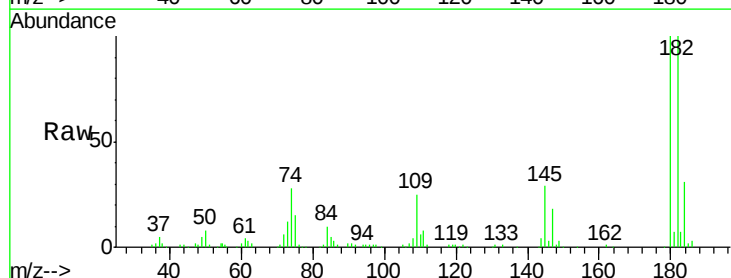


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

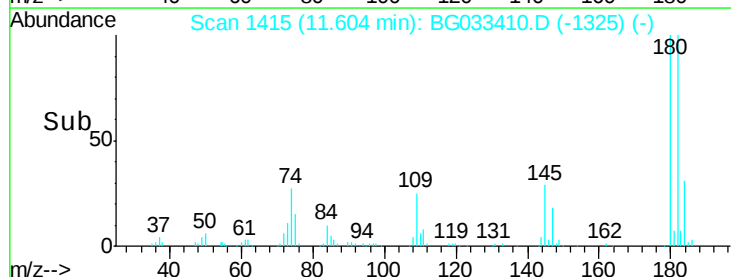
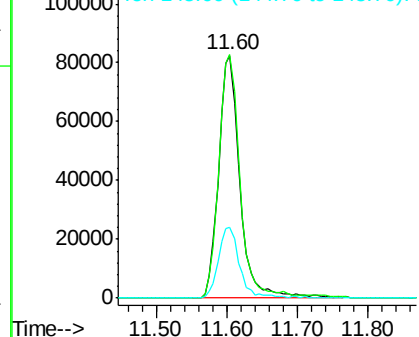


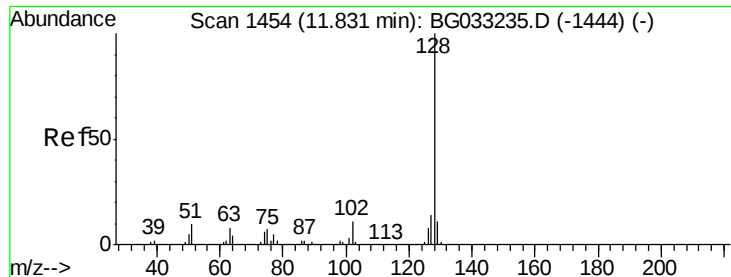
#30
1,2,4-Trichlorobenzene
Concen: 47.154 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion:180 Resp: 172036
Ion Ratio Lower Upper
180 100
182 100.4 77.5 116.3
145 29.3 23.4 35.2



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

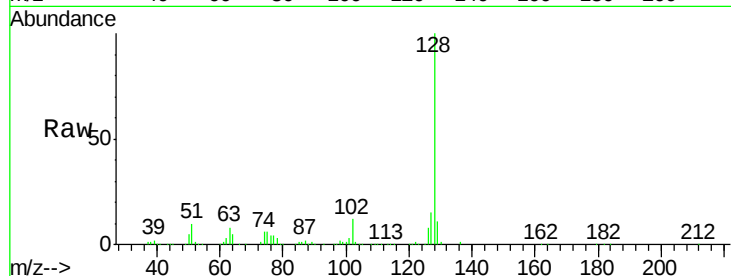




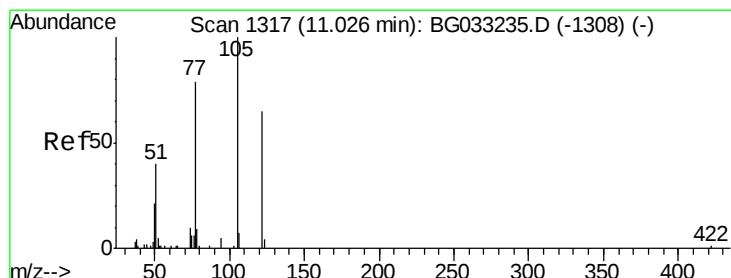
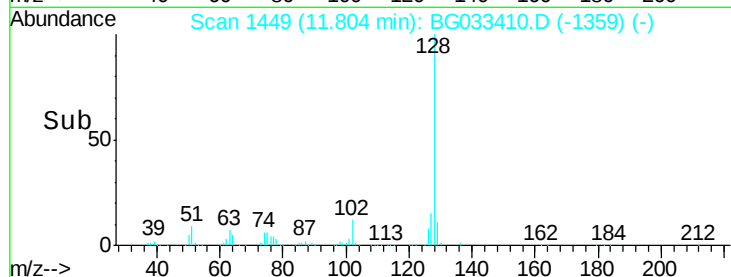
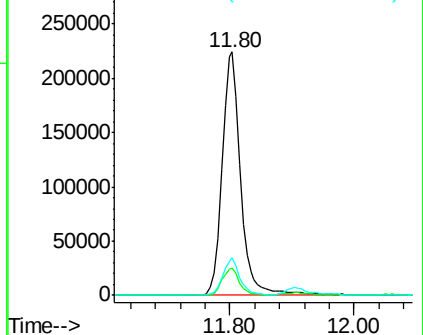
#31
Naphthalene
Concen: 50.716 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 468350
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 15.4 11.6 17.4

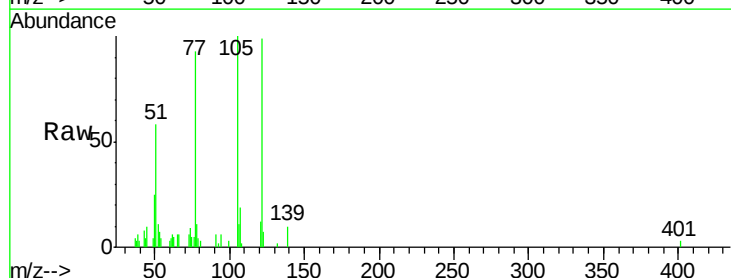


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

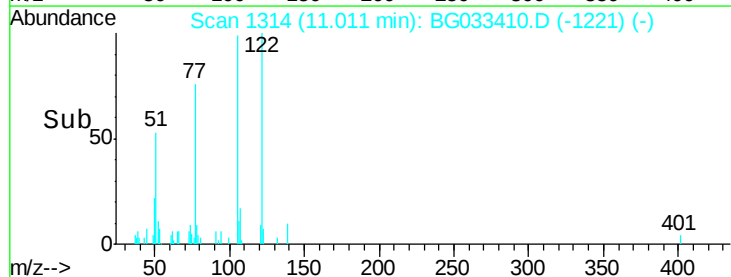
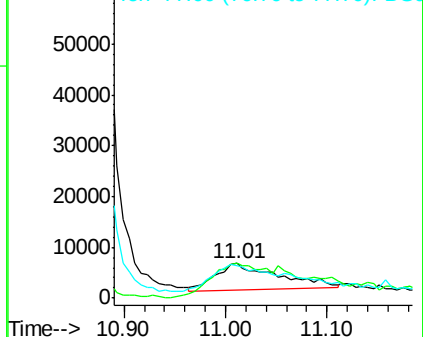


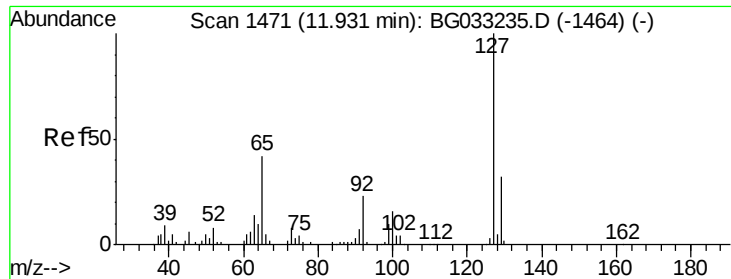
#32
Benzoic acid
Concen: 10.386 ng
RT: 11.01 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion:122 Resp: 22046
Ion Ratio Lower Upper
122 100
105 101.4 123.5 163.5#
77 94.6 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

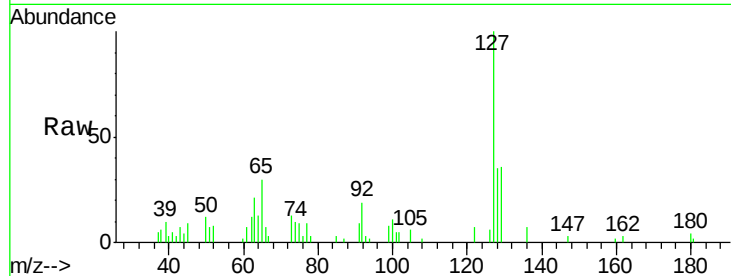




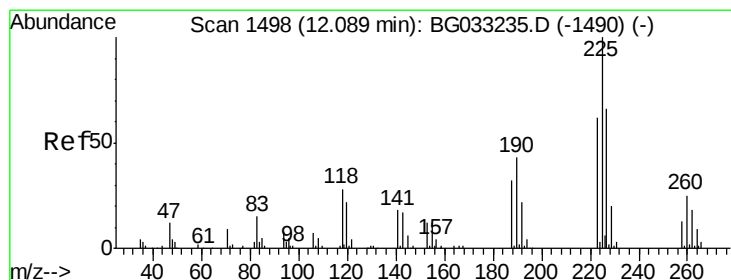
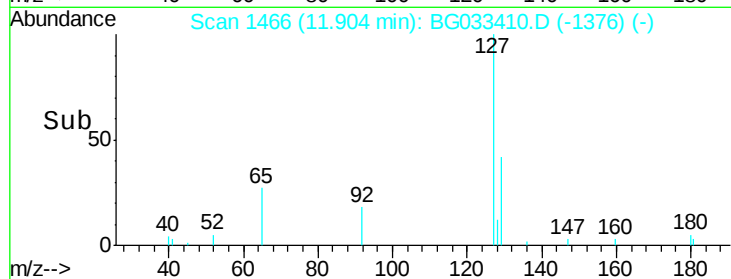
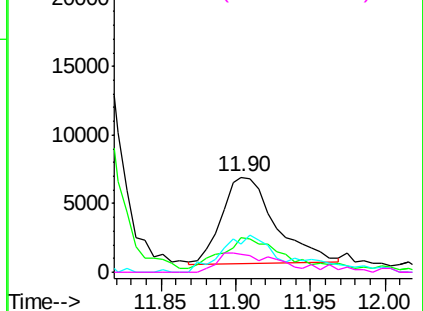
#33
4-Chloroaniline
Concen: 3.837 ng
RT: 11.90 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	15875
Ion	Ratio	Lower	Upper
127	100		
129	36.3	24.0	36.0#
65	30.0	27.0	40.4
92	19.0	16.6	25.0

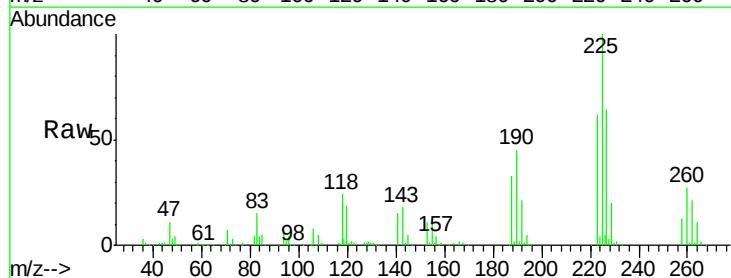


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

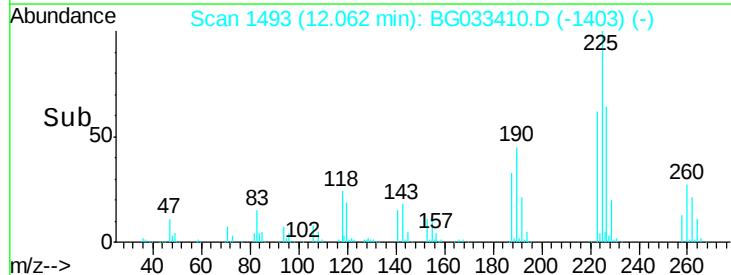
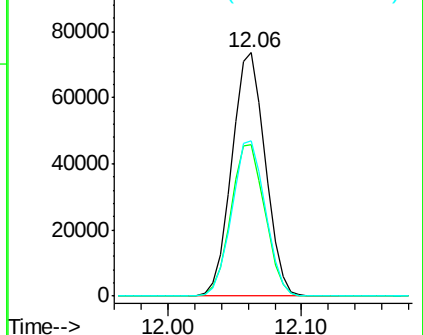


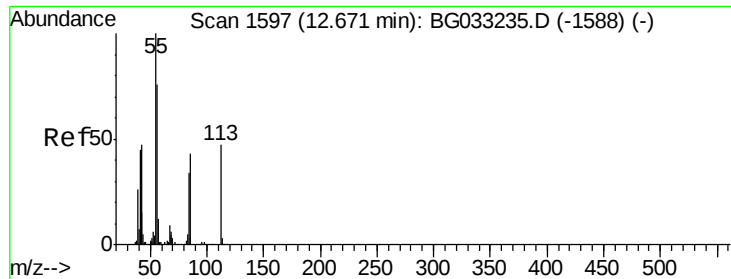
#34
Hexachlorobutadiene
Concen: 46.492 ng
RT: 12.06 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion:	225	Resp:	128272
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	63.9	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

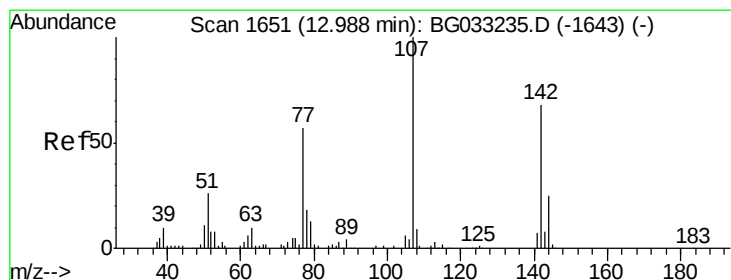
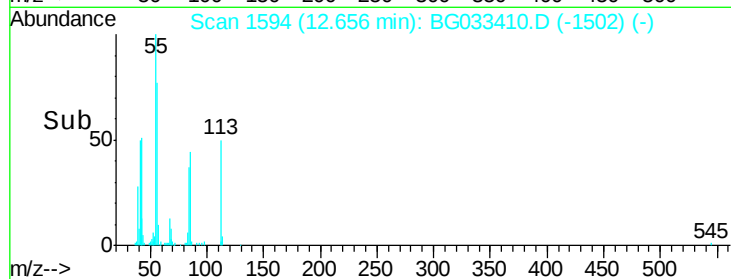
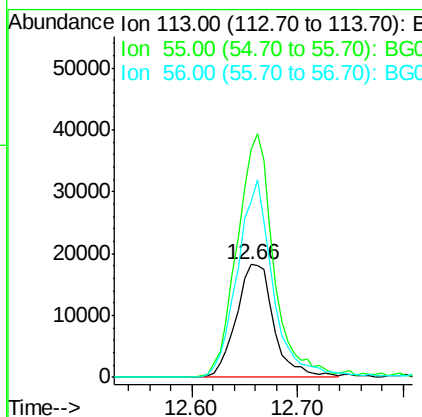
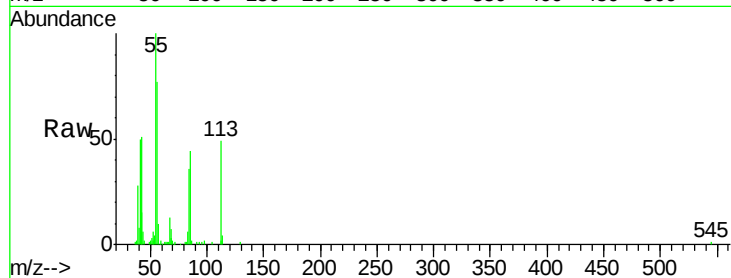




#35
 Caprolactam
 Concen: 41.171 ng
 RT: 12.66 min Scan# 1594
 Delta R.T. 0.01 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

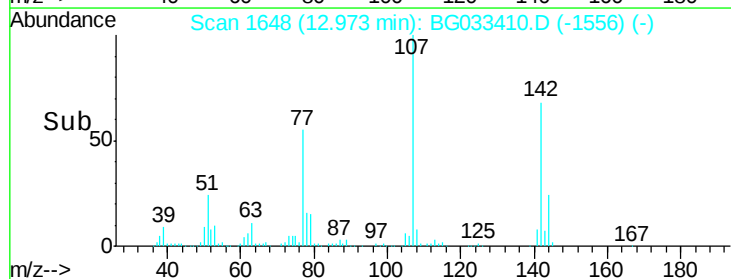
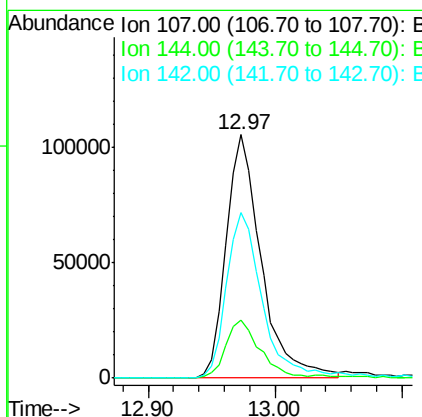
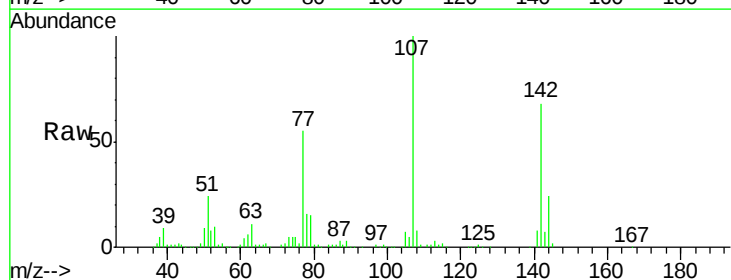
Instrument :
 BNA_G
 ClientSampleId :

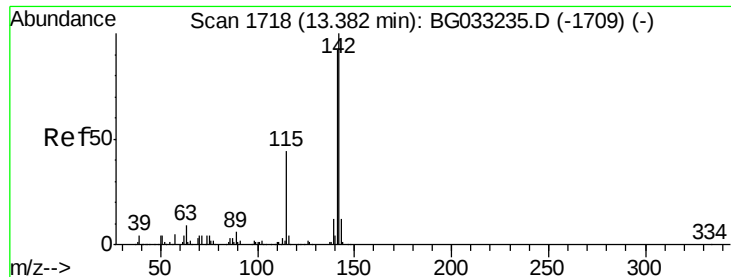
Tot Ion:113 Resp: 45293
 Ion Ratio Lower Upper
 113 100
 55 202.7 186.9 226.9
 56 156.2 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 55.350 ng
 RT: 12.97 min Scan# 1648
 Delta R.T. 0.01 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion:107 Resp: 202721
 Ion Ratio Lower Upper
 107 100
 144 23.8 18.2 27.4
 142 67.7 59.0 88.4

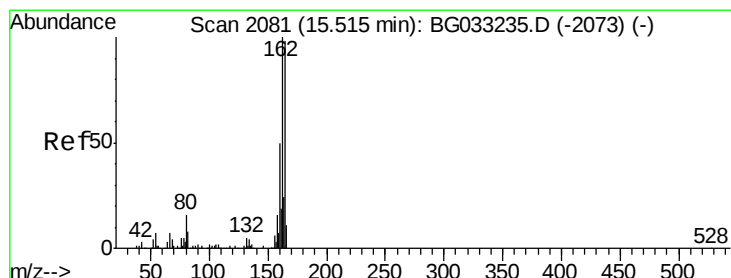
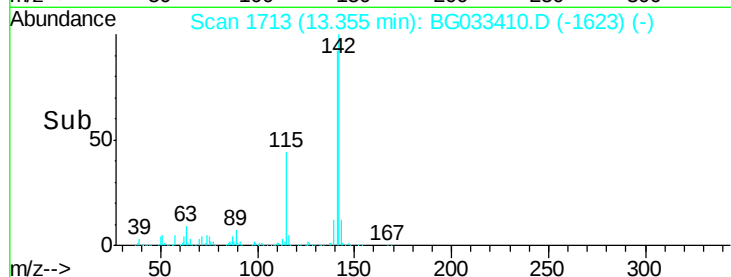
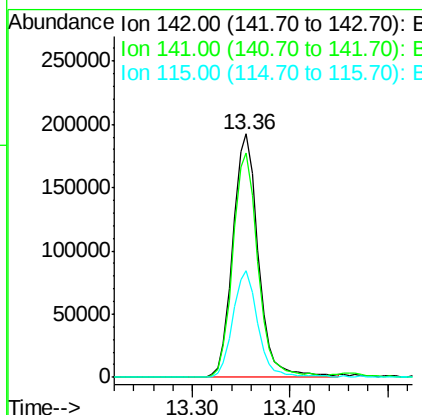
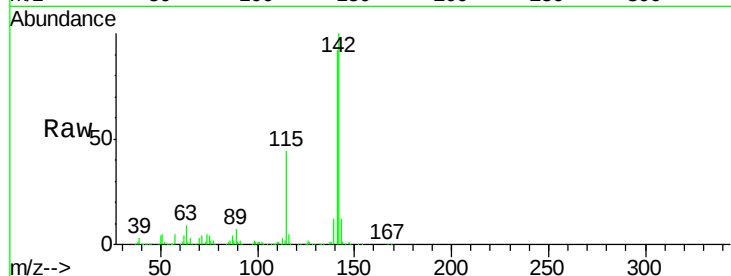




#37
 2-Methylnaphthalene
 Concen: 48.927 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

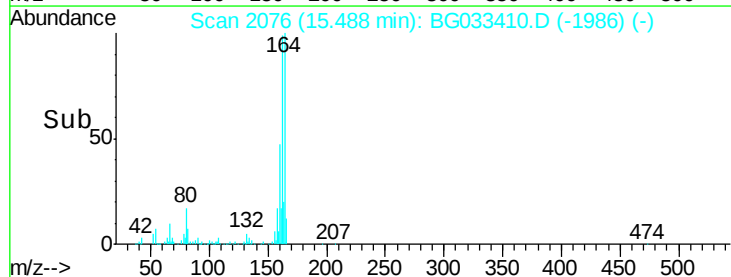
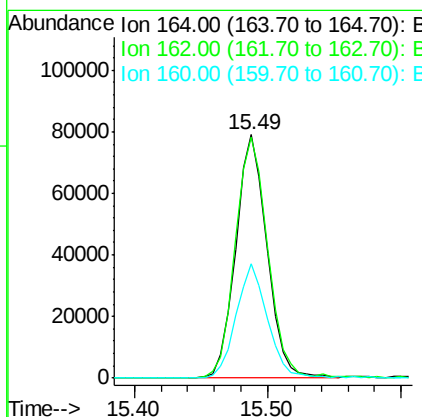
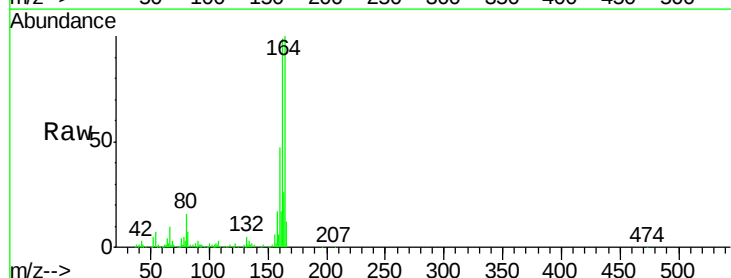
Instrument :
 BNA_G
 ClientSampleId :

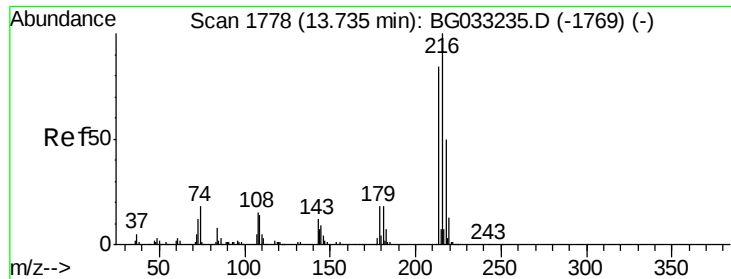
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	67.1	100.7
115	44.0	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.8	118.2
160	46.9	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.125 ng

RT: 13.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 237138

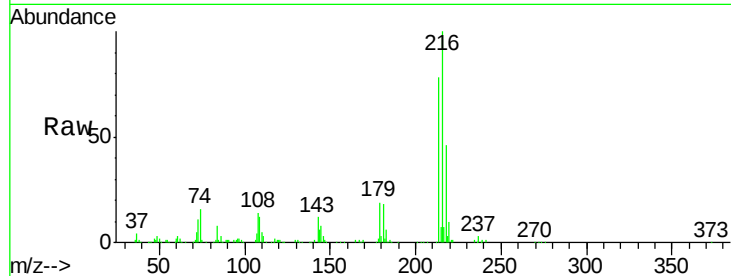
Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.4

179 19.5 17.0 25.6

108 17.3 12.8 19.2

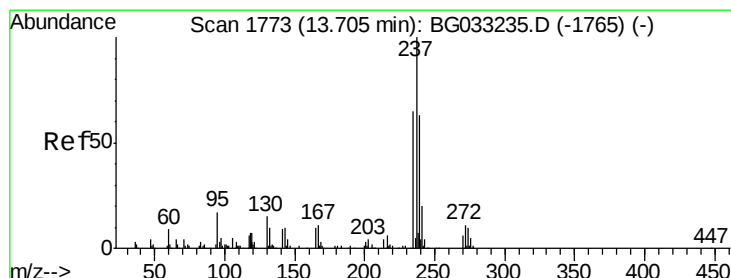
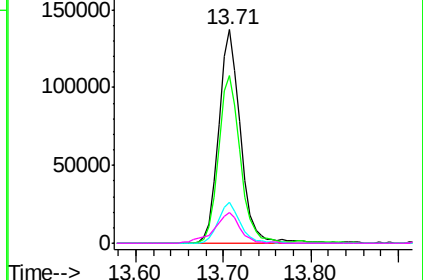
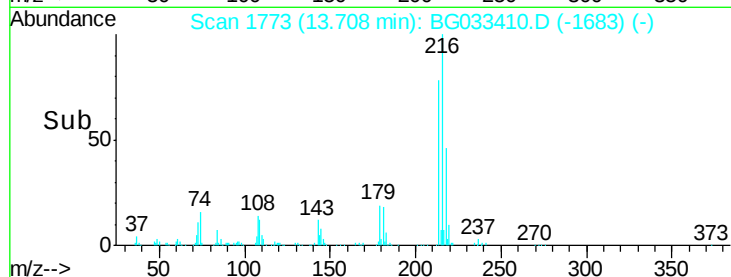


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 86.464 ng

RT: 13.68 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

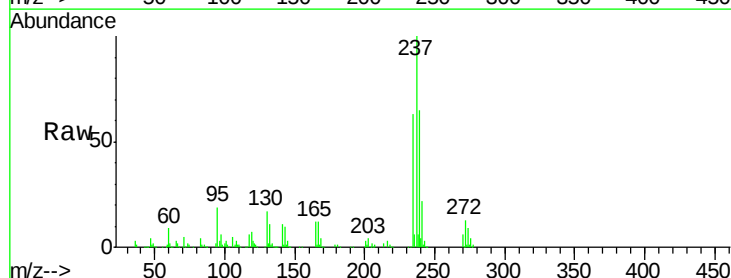
Tgt Ion:237 Resp: 235108

Ion Ratio Lower Upper

237 100

235 63.2 50.4 90.4

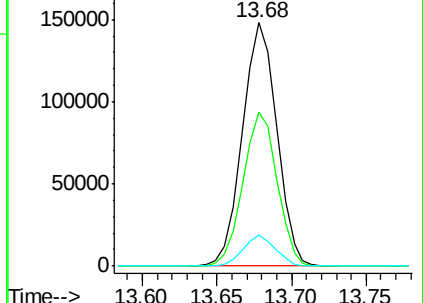
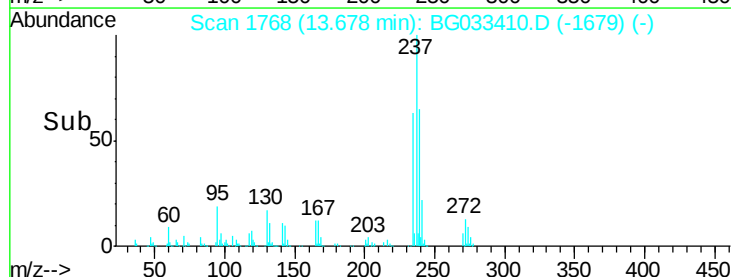
272 12.6 0.0 31.8

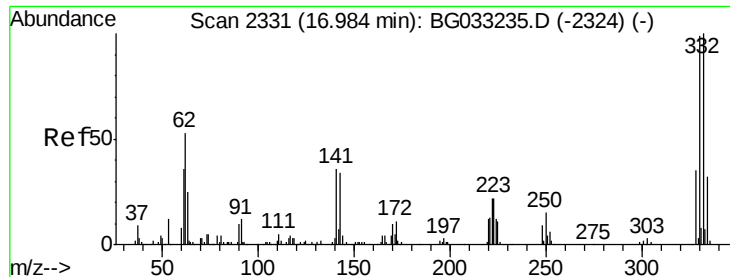


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

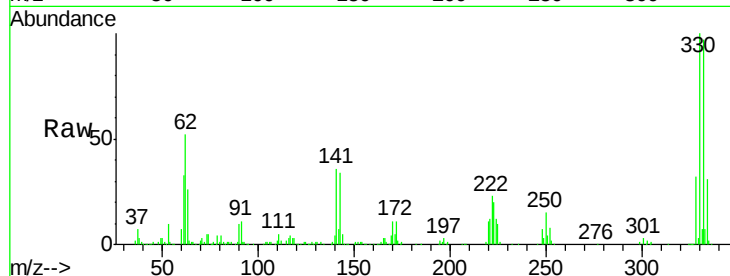




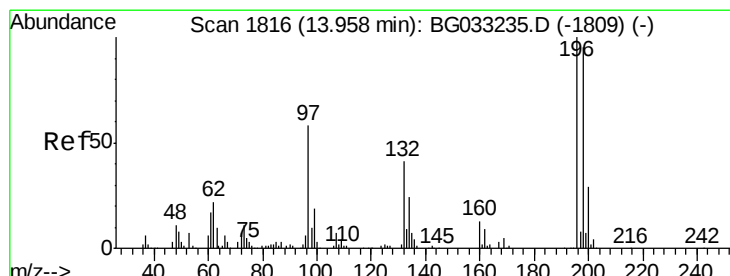
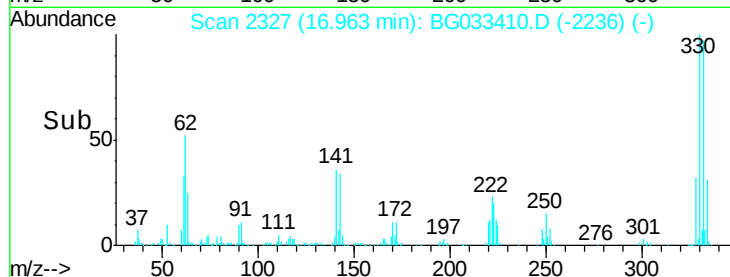
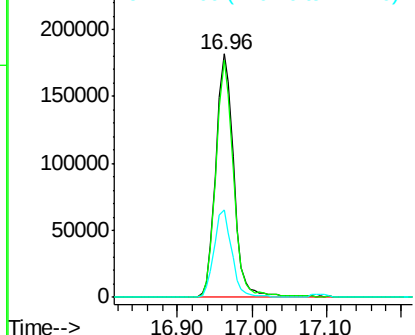
#41
 2,4,6-Tribromophenol
 Concen: 158.971 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.01 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	35.8	25.2	37.8

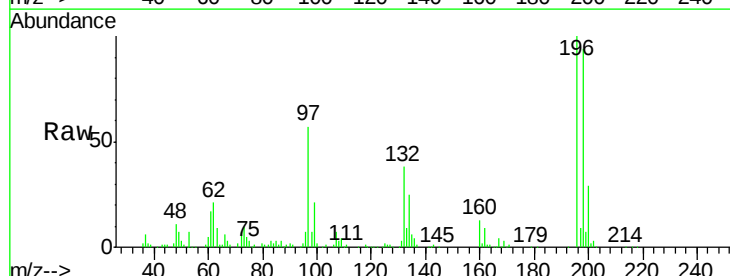


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

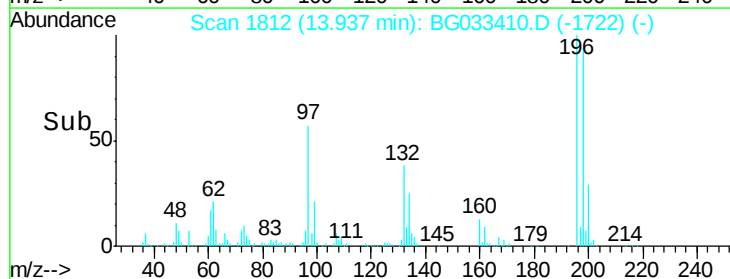
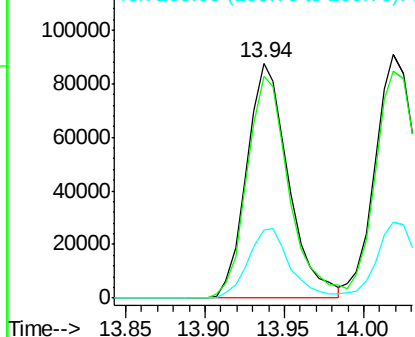


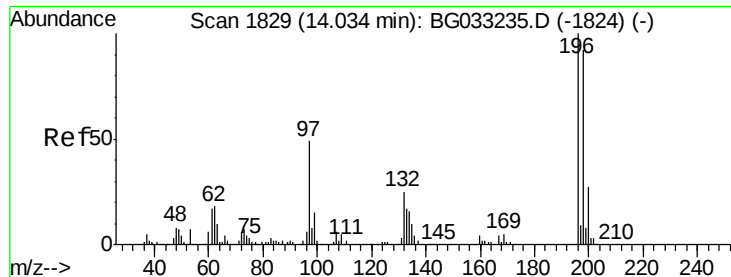
#42
 2,4,6-Trichlorophenol
 Concen: 59.816 ng
 RT: 13.94 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	78.2	117.2
200	29.1	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

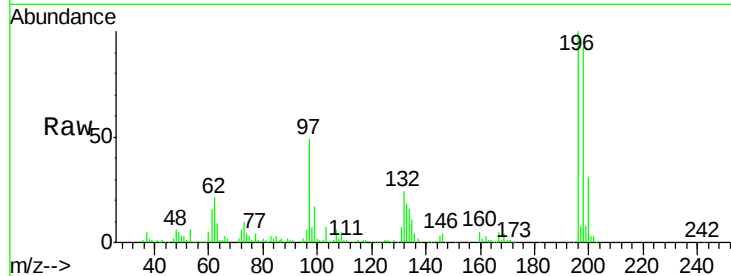




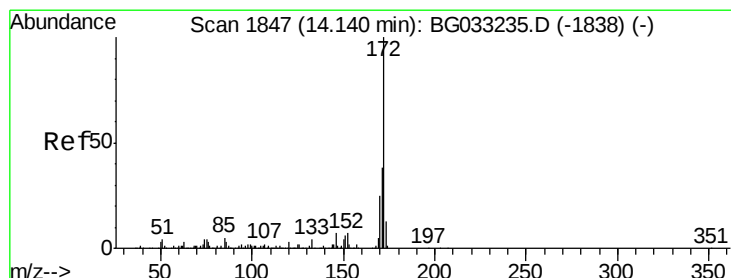
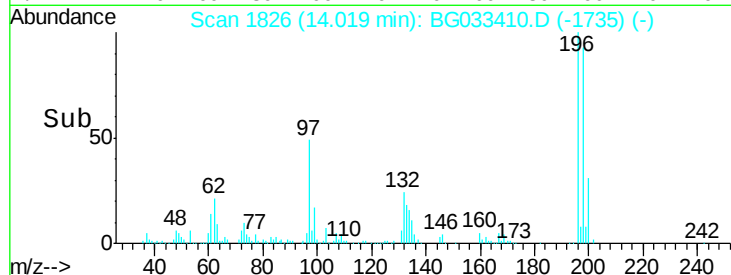
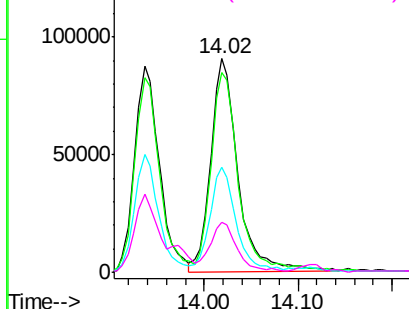
#43
 2,4,5-Trichlorophenol
 Concen: 57.511 ng
 RT: 14.02 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.2	76.2	114.4
97	49.4	38.7	58.1
132	23.6	20.2	30.2

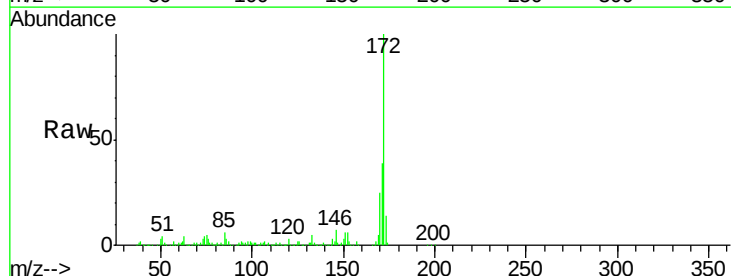


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

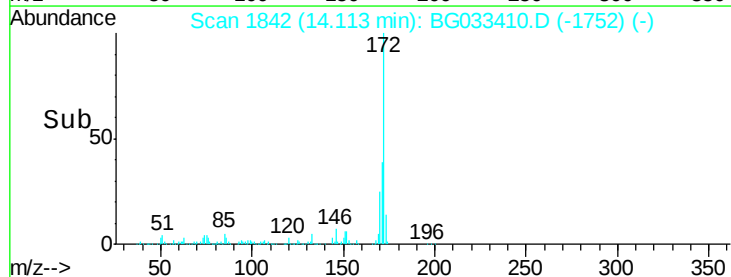
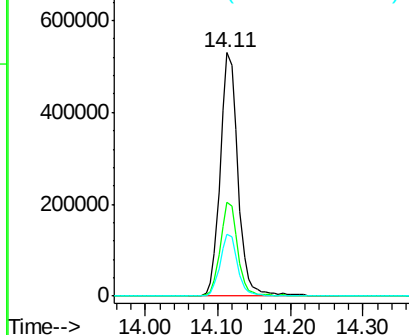


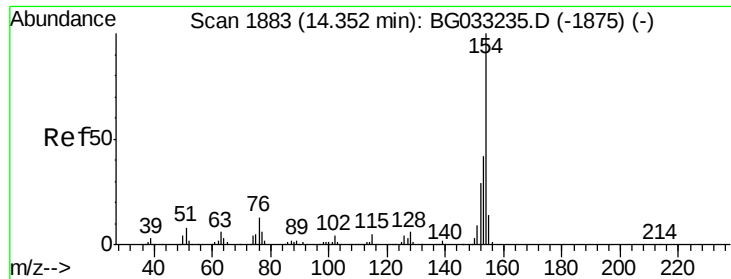
#44
 2-Fluorobiphenyl
 Concen: 101.916 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	25.2	19.5	29.3



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

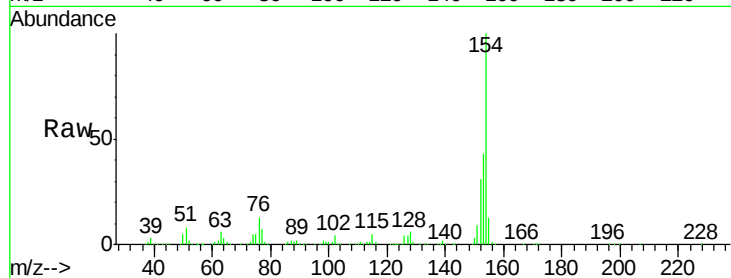




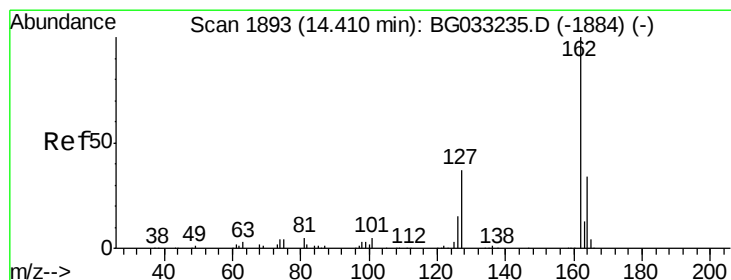
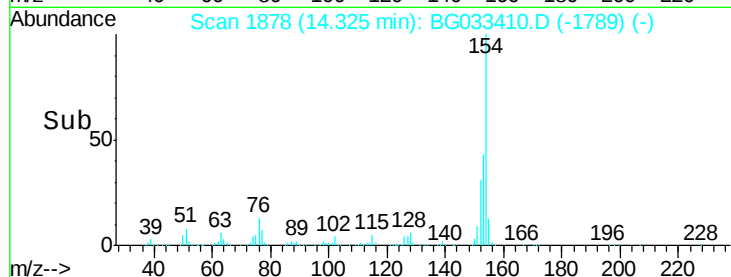
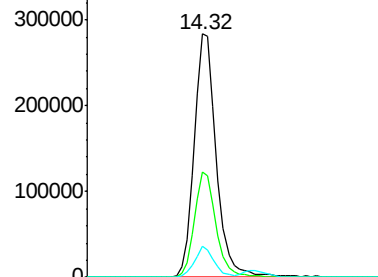
#45
 1,1'-Biphenyl
 Concen: 50.710 ng
 RT: 14.32 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:154 Resp: 498882
 Ion Ratio Lower Upper
 154 100
 153 43.5 19.8 59.8
 76 12.6 0.0 31.9

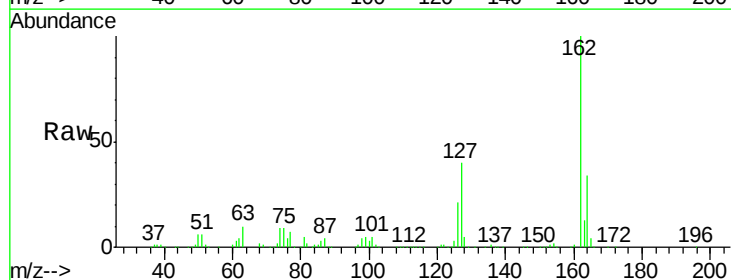


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

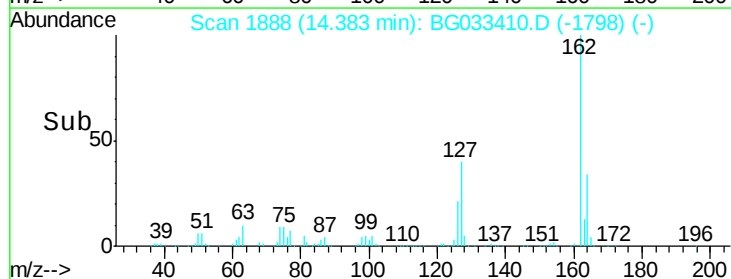
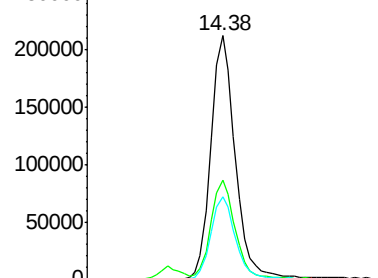


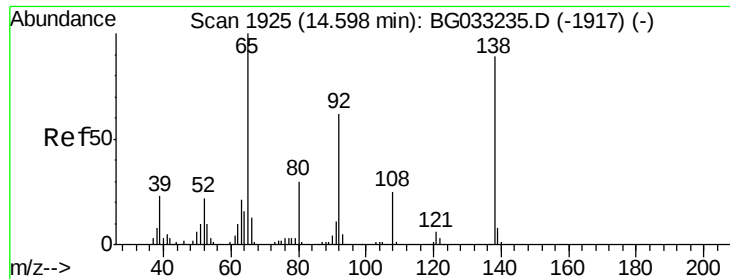
#46
 2-Chloronaphthalene
 Concen: 50.478 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion:162 Resp: 382908
 Ion Ratio Lower Upper
 162 100
 127 40.4 30.7 46.1
 164 33.7 26.0 39.0



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

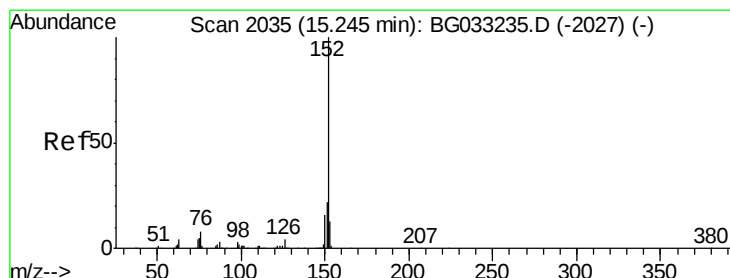
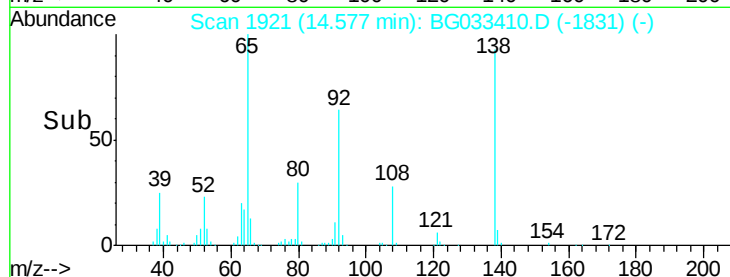
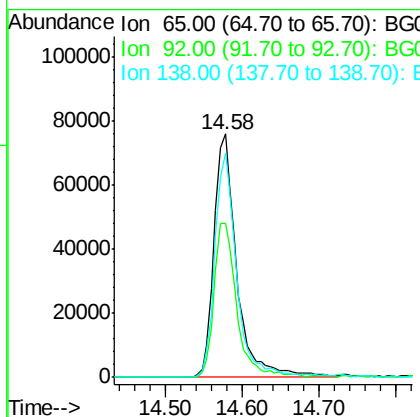
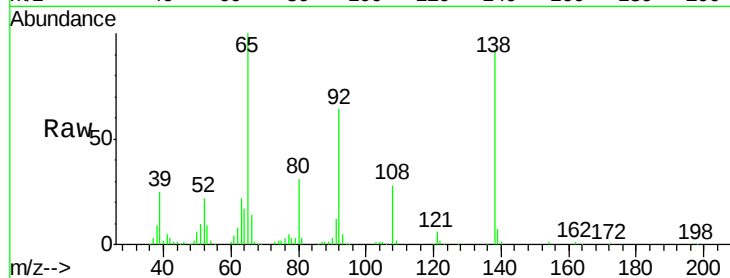




#47
2-Nitroaniline
Concen: 54.413 ng
RT: 14.58 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

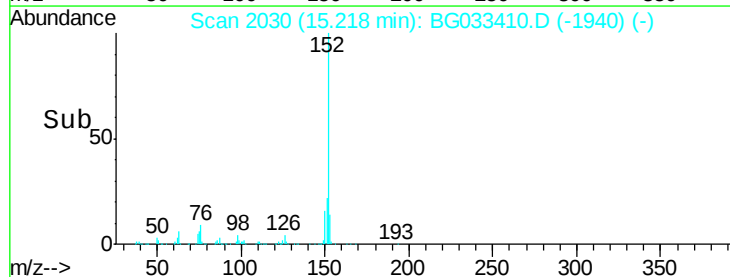
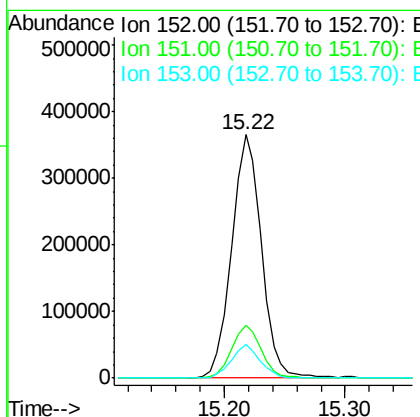
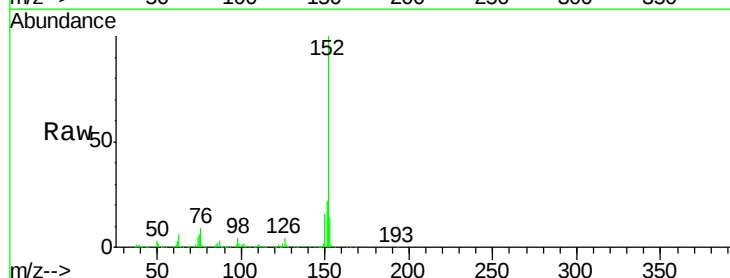
Instrument :
BNA_G
ClientSampled :

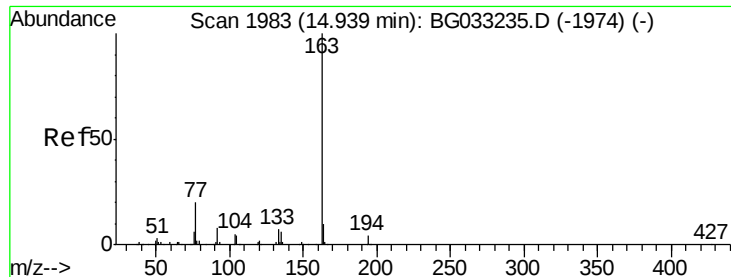
Tot Ion: 65 Resp: 154600
Ion Ratio Lower Upper
65 100
92 63.5 54.6 82.0
138 92.1 72.9 109.3



#48
Acenaphthylene
Concen: 49.189 ng
RT: 15.22 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion: 152 Resp: 622825
Ion Ratio Lower Upper
152 100
151 21.9 17.2 25.8
153 13.6 10.2 15.4

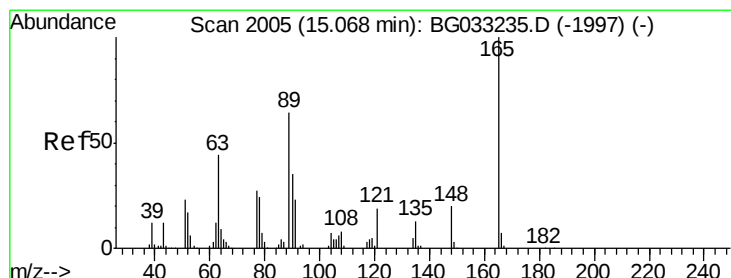
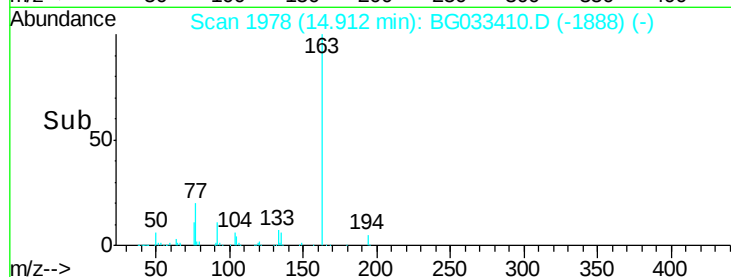
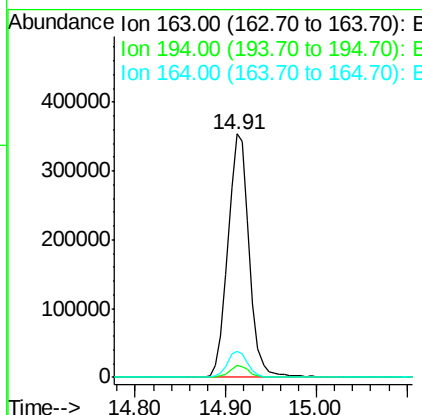
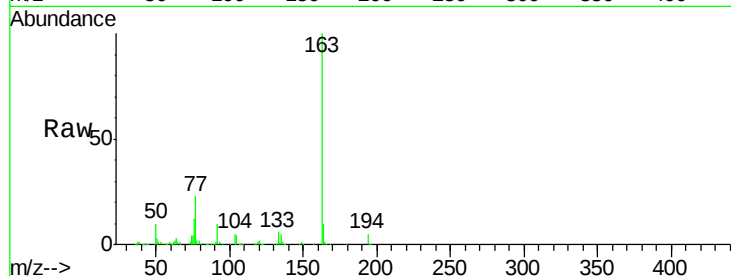




#49
Dimethylphthalate
Concen: 51.577 ng
RT: 14.91 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

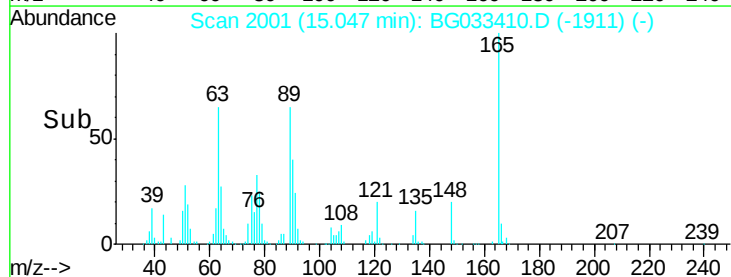
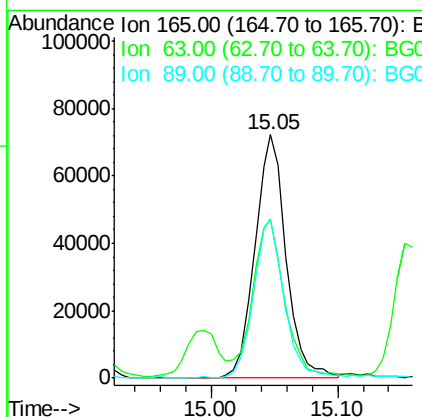
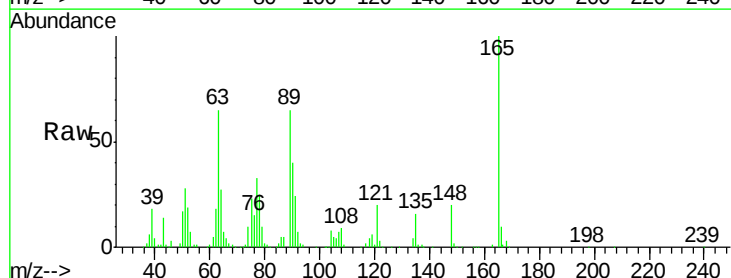
Instrument :
BNA_G
ClientSampleId :

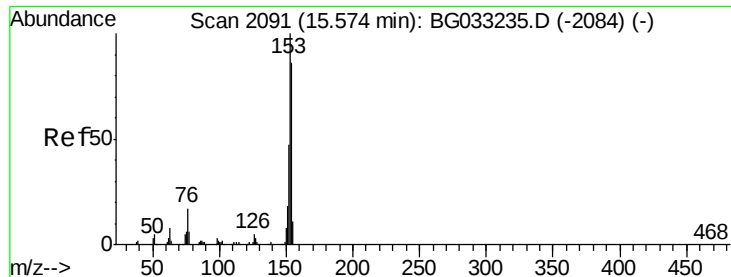
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.2
164	10.5	8.2	12.4



#50
2,6-Dinitrotoluene
Concen: 53.996 ng
RT: 15.05 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.2	52.7	79.1
89	65.1	49.2	73.8





#51

Acenaphthene

Concen: 52.177 ng

RT: 15.55 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

ClientSampleId :

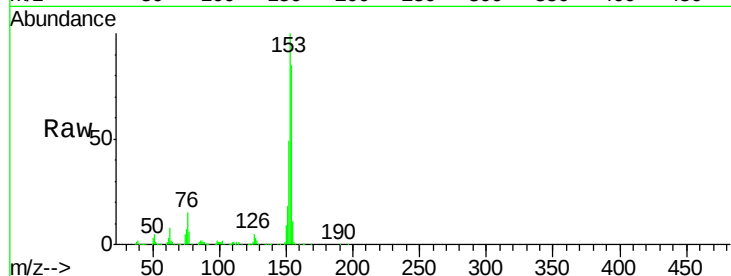
Tot Ion:154 Resp: 425889

Ion Ratio Lower Upper

154 100

153 117.8 90.4 135.6

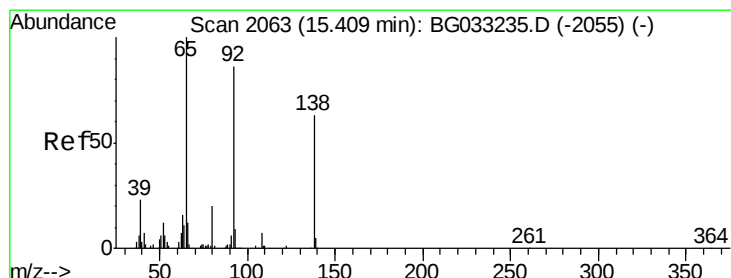
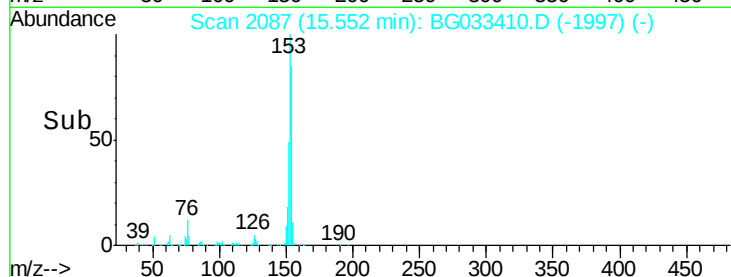
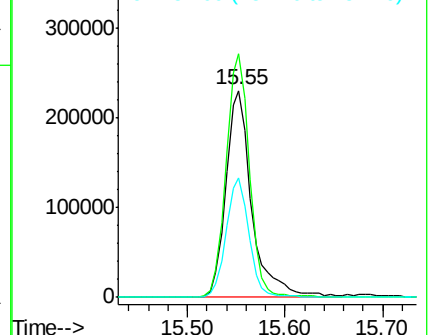
152 57.6 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.822 ng

RT: 15.39 min Scan# 2059

Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

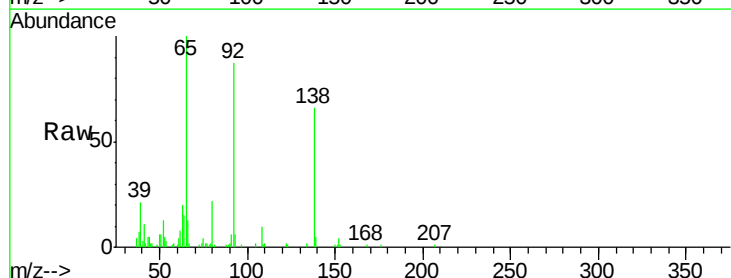
Tgt Ion:138 Resp: 28242

Ion Ratio Lower Upper

138 100

108 15.4 17.5 26.3#

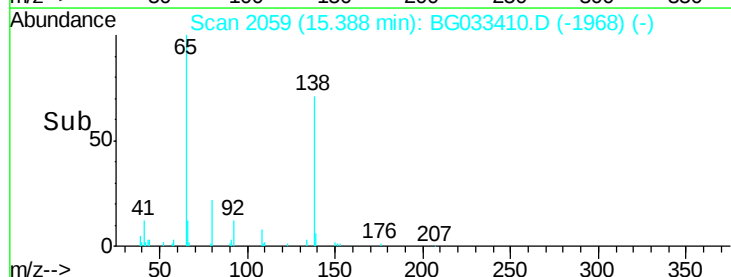
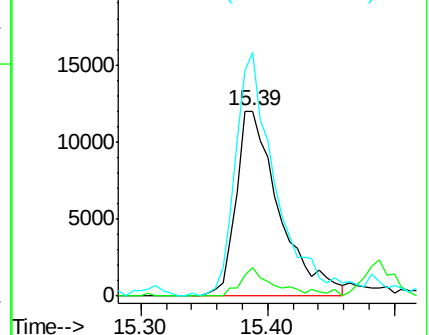
92 131.6 105.8 158.8

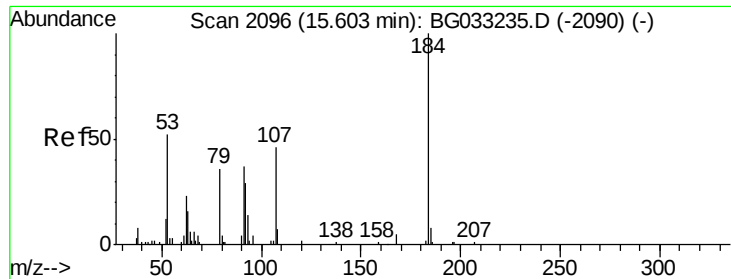


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

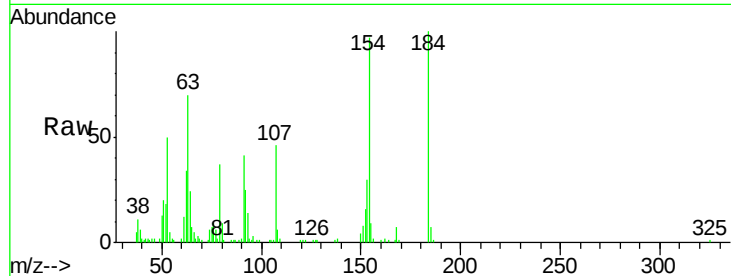




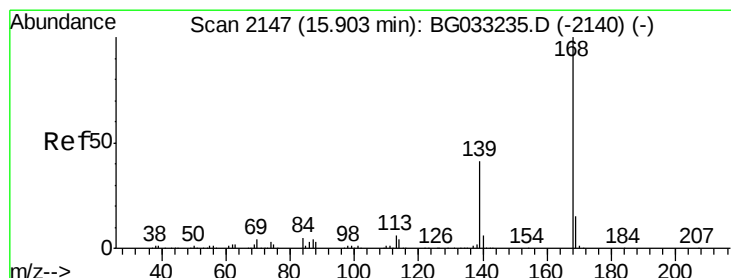
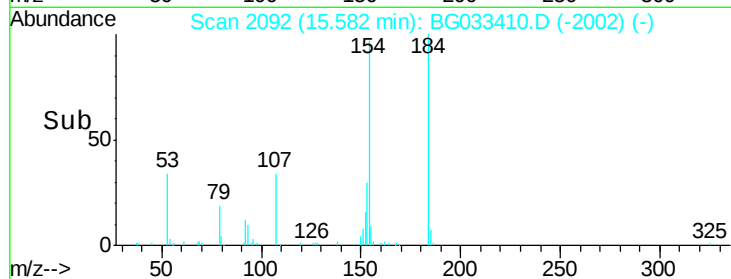
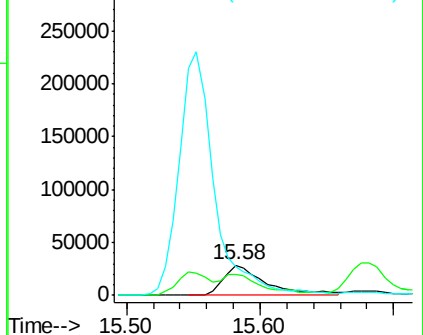
#53
2,4-Dinitrophenol
Concen: 56.271 ng
RT: 15.58 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 63443
Ion Ratio Lower Upper
184 100
63 69.7 59.8 89.8
154 96.5 101.8 152.8#

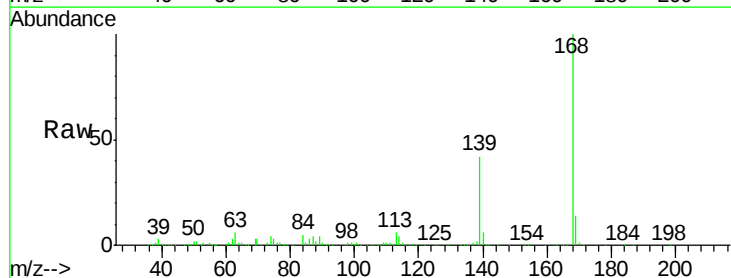


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

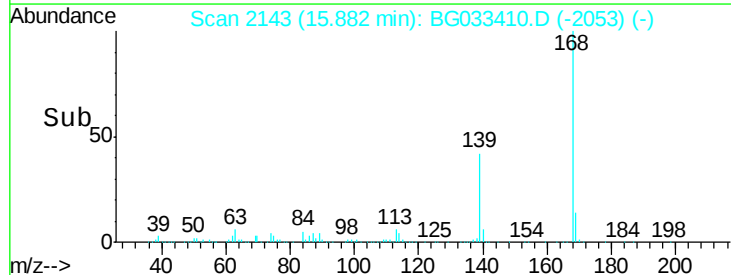
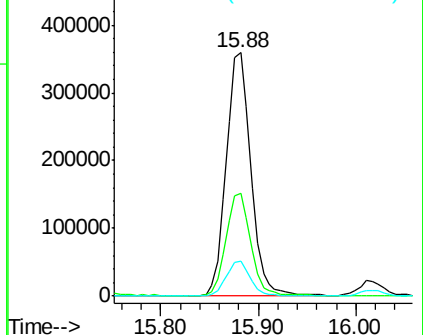


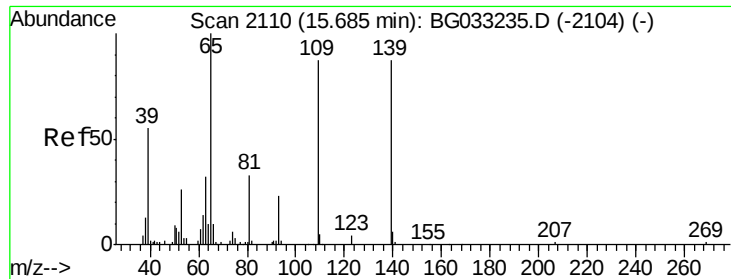
#54
Dibenzofuran
Concen: 52.444 ng
RT: 15.88 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion:168 Resp: 632308
Ion Ratio Lower Upper
168 100
139 42.2 28.6 43.0
169 14.3 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

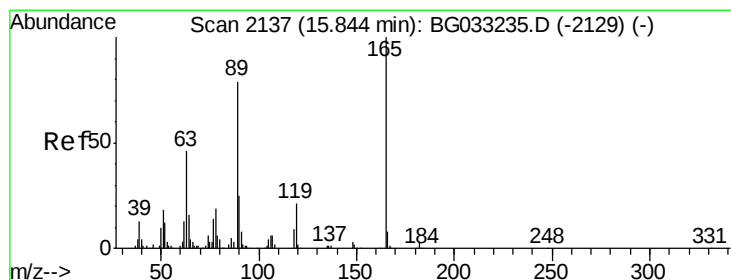
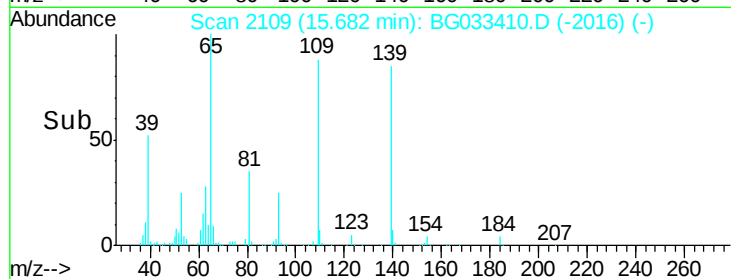
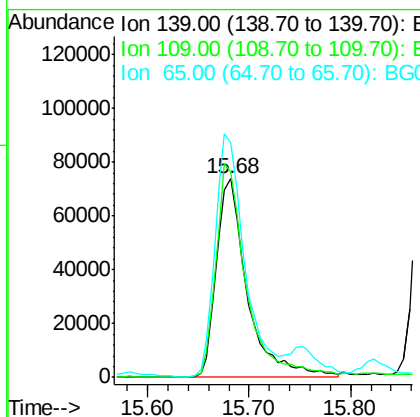
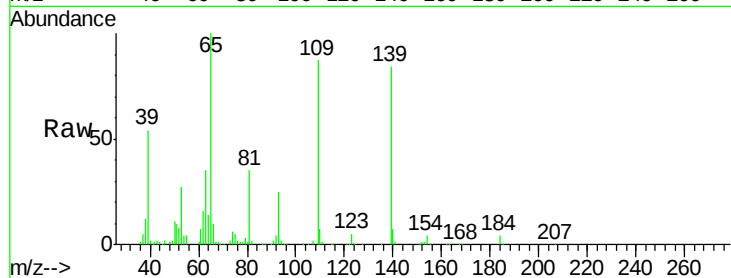




#55
4-Nitrophenol
Concen: 93.307 ng
RT: 15.68 min Scan# 2109
Delta R.T. 0.02 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

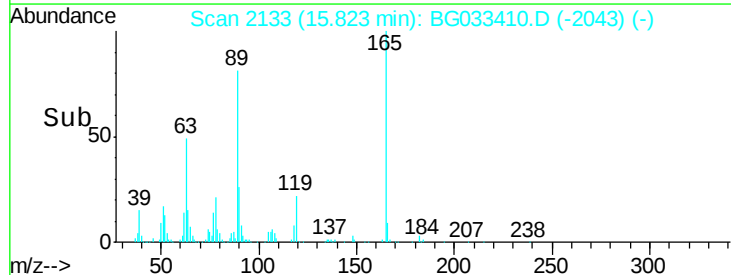
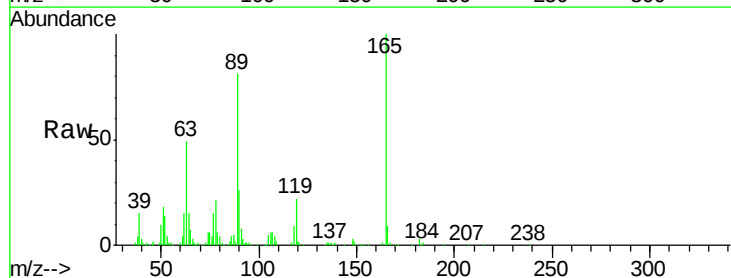
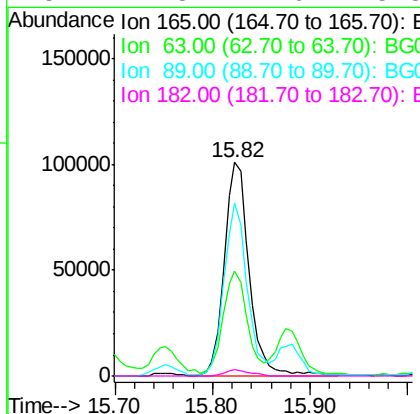
Instrument :
BNA_G
ClientSampleId :

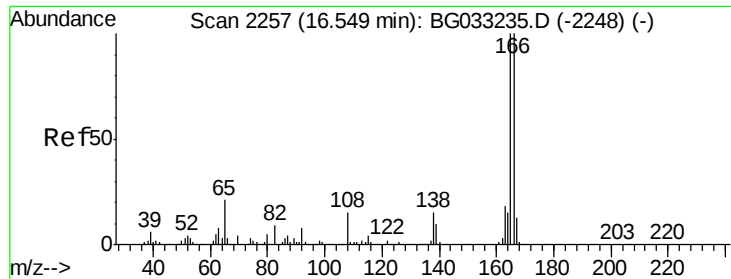
Tot Ion:139 Resp: 156741
Ion Ratio Lower Upper
139 100
109 103.6 62.2 102.2#
65 118.5 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 53.211 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion:165 Resp: 178526
Ion Ratio Lower Upper
165 100
63 49.1 42.0 63.0
89 80.7 66.9 100.3
182 2.8 2.6 3.8





#57

Fluorene

Concen: 51.370 ng

RT: 16.52 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

ClientSampleId :

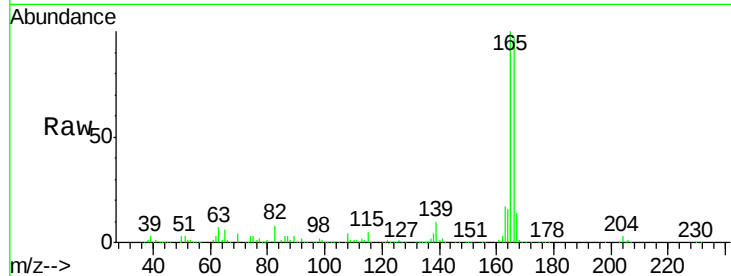
Tot Ion:166 Resp: 527642

Ion Ratio Lower Upper

166 100

165 103.2 80.6 121.0

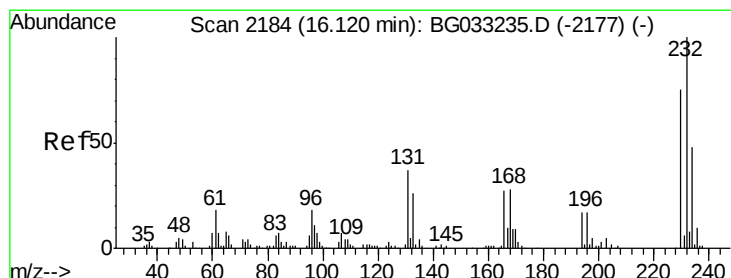
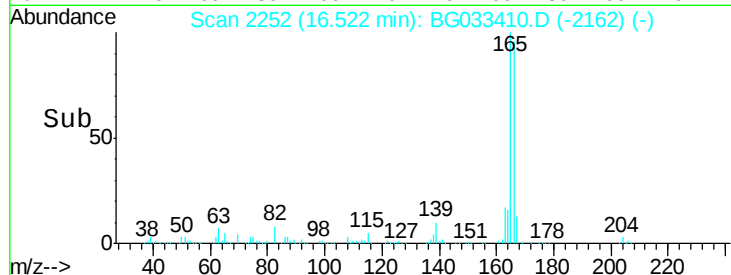
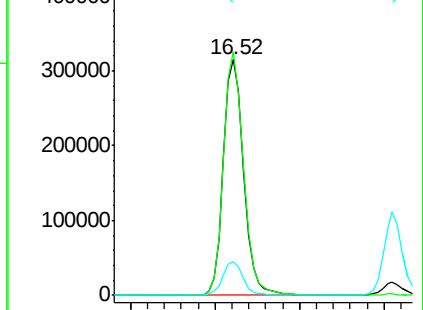
167 14.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.337 ng

RT: 16.10 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Tgt Ion:232 Resp: 171943

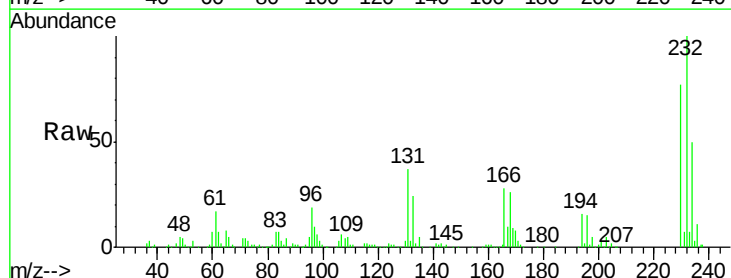
Ion Ratio Lower Upper

232 100

131 38.7 33.5 50.3

130 2.4 2.2 3.2

166 30.1 24.8 37.2

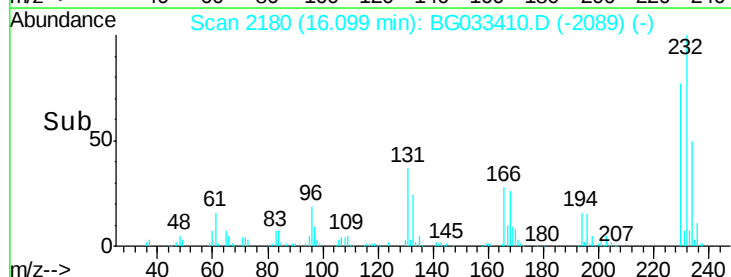
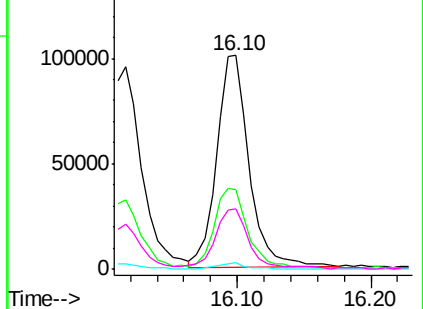


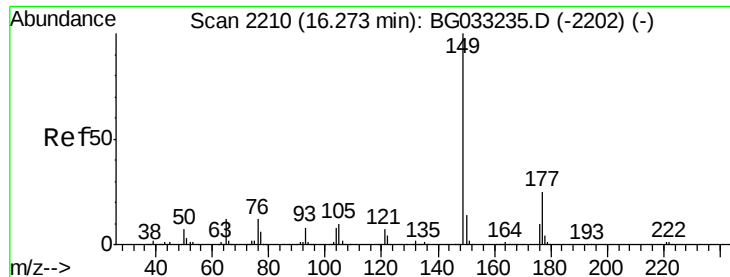
Abundance Ion 232.00 (231.70 to 232.70): E

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

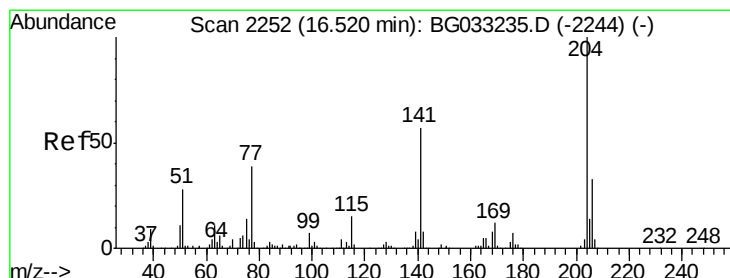
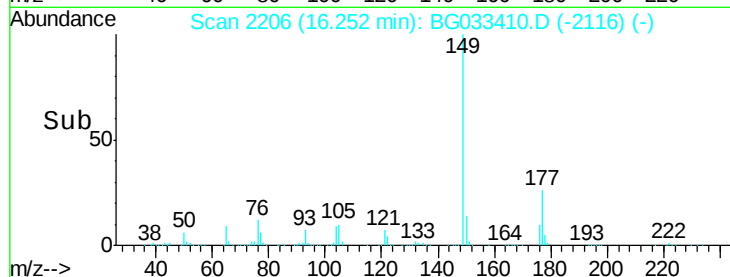
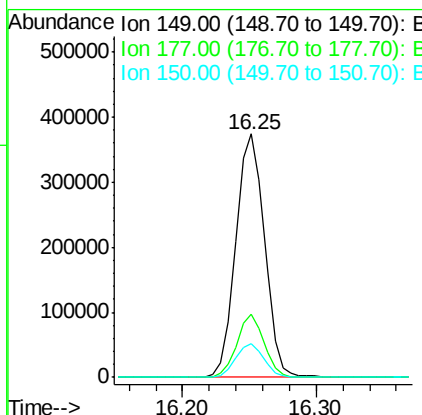
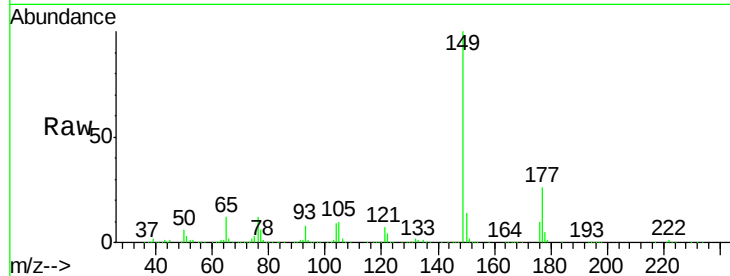




#59
Diethylphthalate
Concen: 51.664 ng
RT: 16.25 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

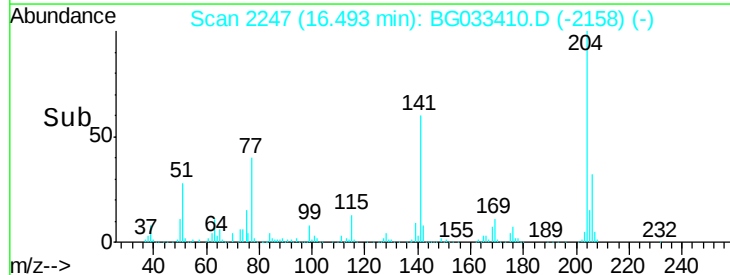
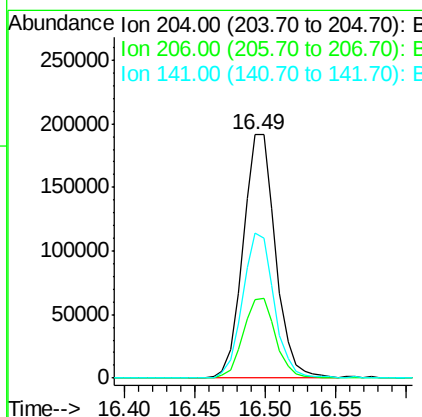
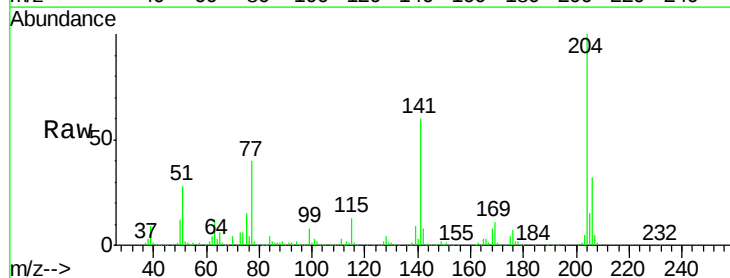
Instrument :
BNA_G
ClientSampleId :

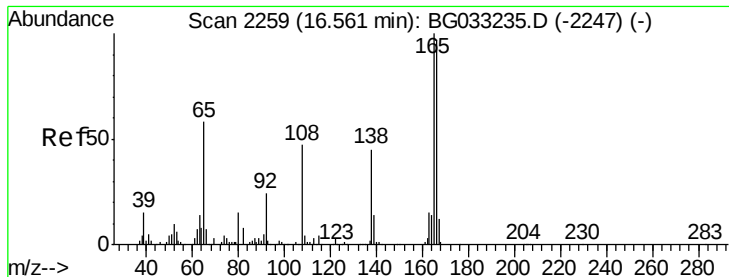
Tot Ion:149 Resp: 559061
Ion Ratio Lower Upper
149 100
177 25.9 18.5 27.7
150 13.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 52.076 ng
RT: 16.49 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion:204 Resp: 307485
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 59.8 45.8 68.6

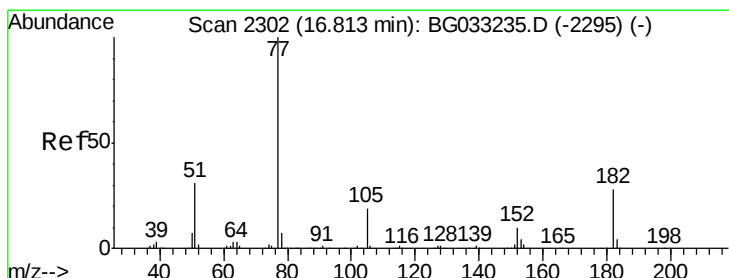
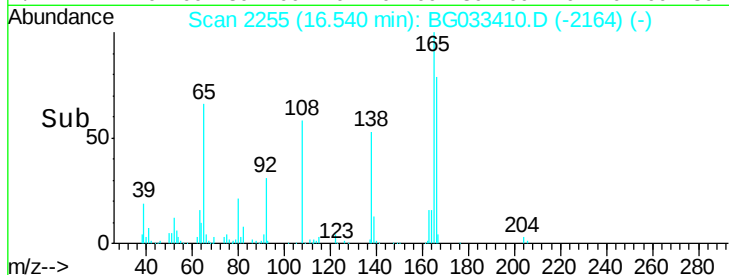
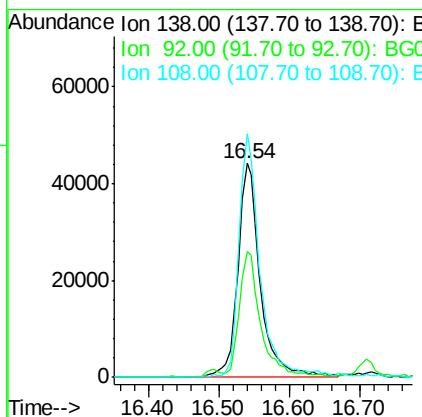
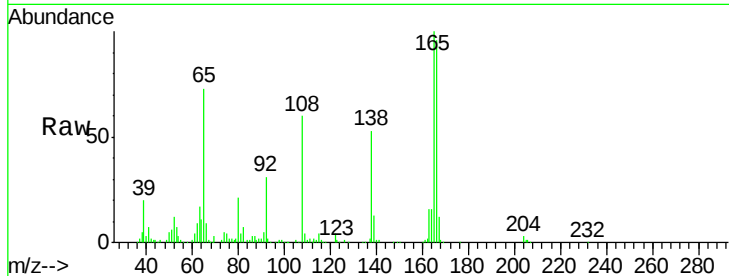




#61
4-Nitroaniline
Concen: 40.262 ng
RT: 16.54 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

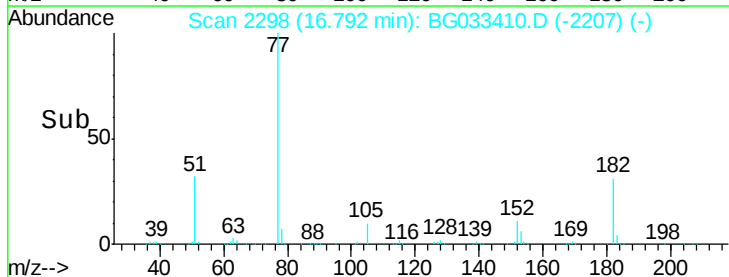
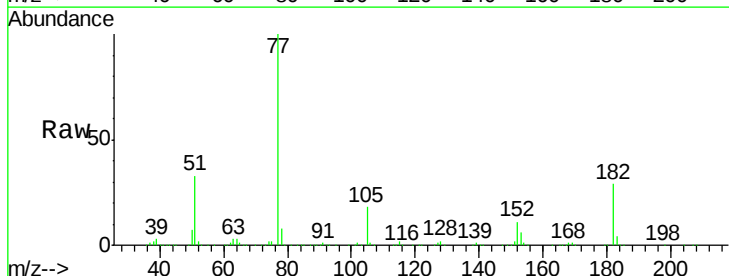
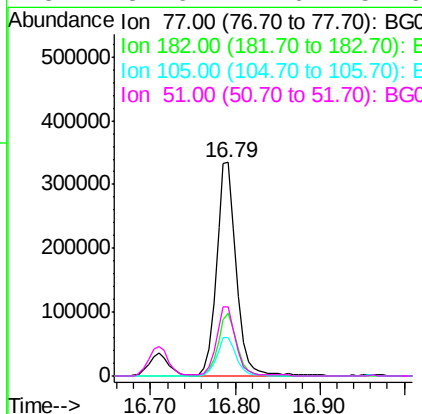
Instrument :
BNA_G
ClientSampleId :

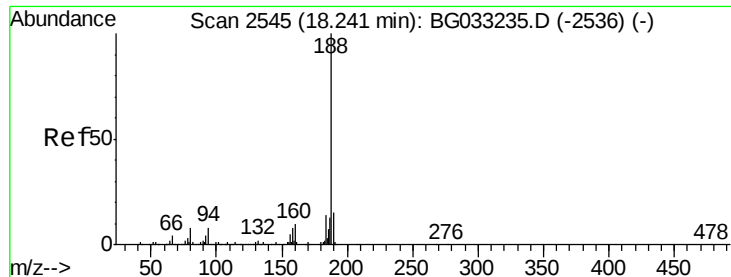
Tot Ion:138 Resp: 97401
Ion Ratio Lower Upper
138 100
92 59.2 40.1 80.1
108 113.9 65.4 105.4#



#62
Azobenzene
Concen: 51.789 ng
RT: 16.79 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion: 77 Resp: 542871
Ion Ratio Lower Upper
77 100
182 29.3 7.4 47.4
105 18.3 0.3 40.3
51 32.6 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

ClientSampled :

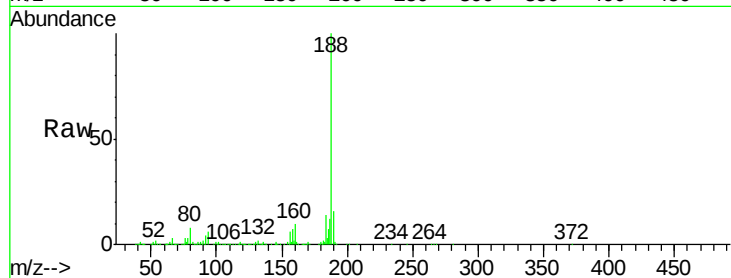
Tot Ion:188 Resp: 326690

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

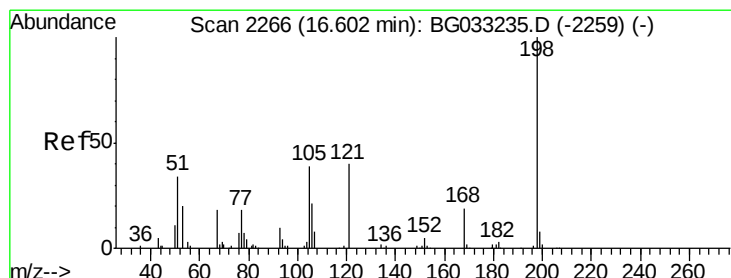
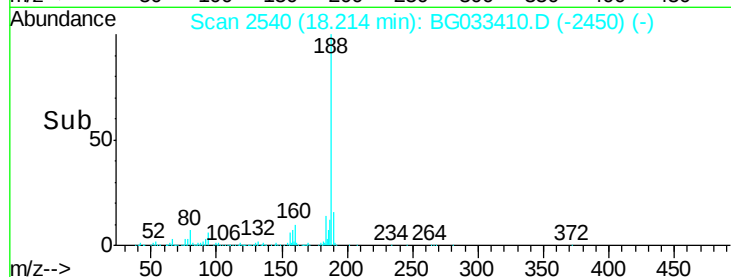
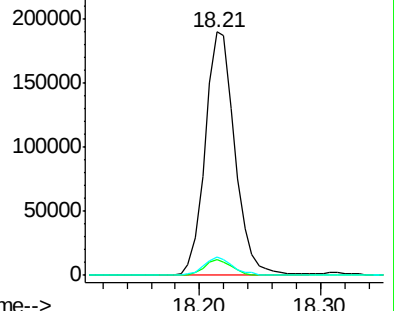
80 7.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 34.355 ng

RT: 16.58 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

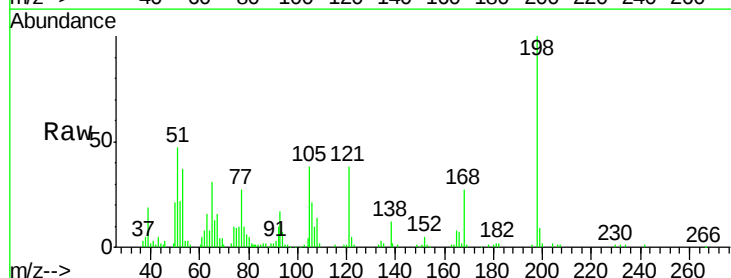
Tgt Ion:198 Resp: 67141

Ion Ratio Lower Upper

198 100

51 46.8 30.6 70.6

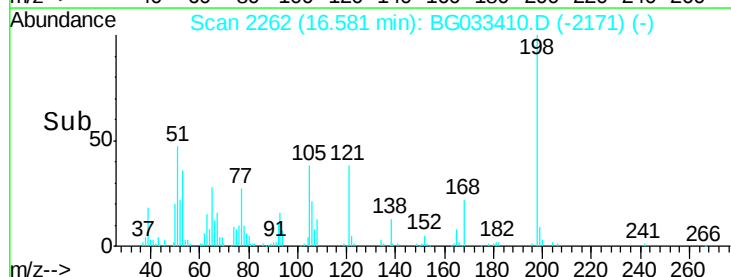
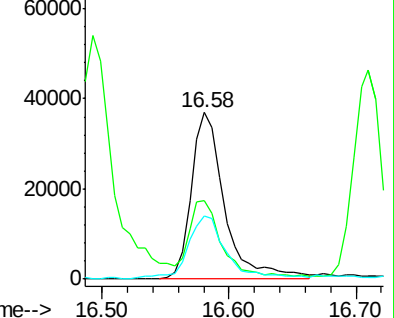
105 37.6 23.8 63.8

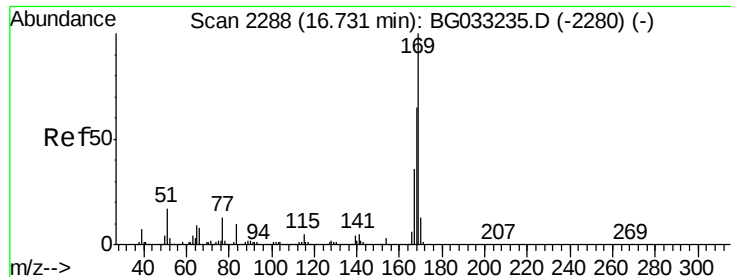


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

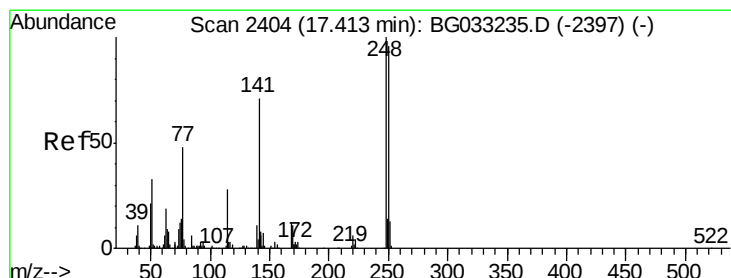
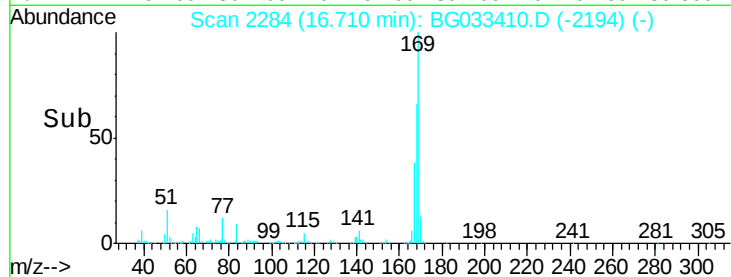
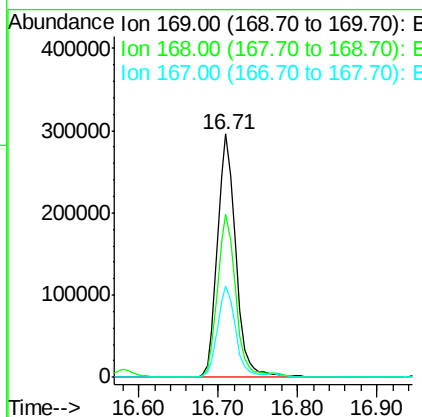
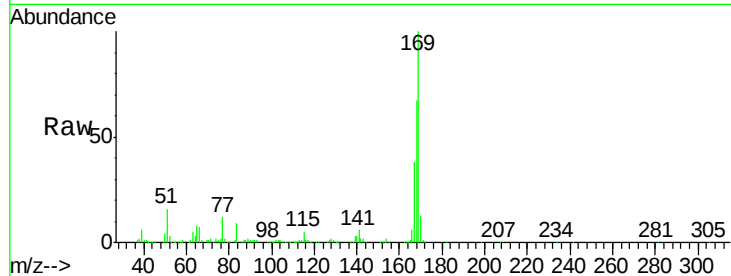




#65
n-Nitrosodiphenylamine
Concen: 51.237 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

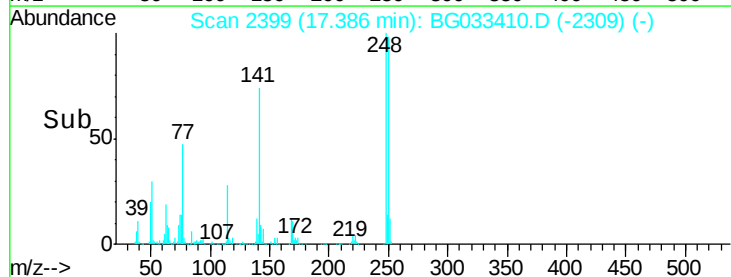
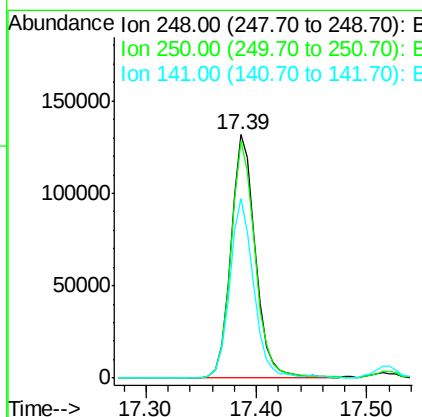
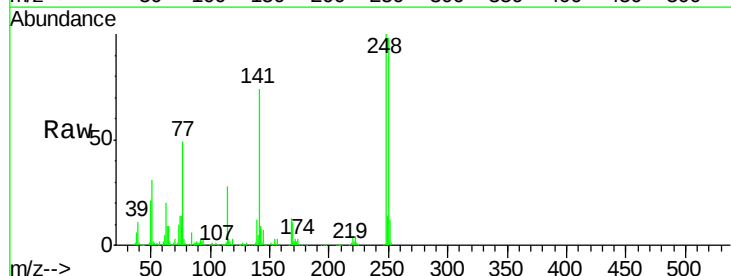
Instrument :
BNA_G
ClientSampleId :

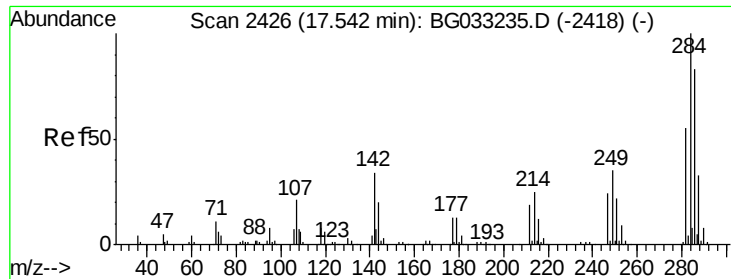
Tot Ion	169	Resp	477862
Ion Ratio	100		
Lower	55.7		
Upper	83.5		
168	66.7		
167	37.5		



#66
4-Bromophenyl-phenylether
Concen: 53.518 ng
RT: 17.39 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion	248	Resp	205332
Ion Ratio	100		
Lower	77.1		
Upper	115.7		
250	97.5		
141	73.6		





#67

Hexachlorobenzene

Concen: 52.076 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

ClientSampleId :

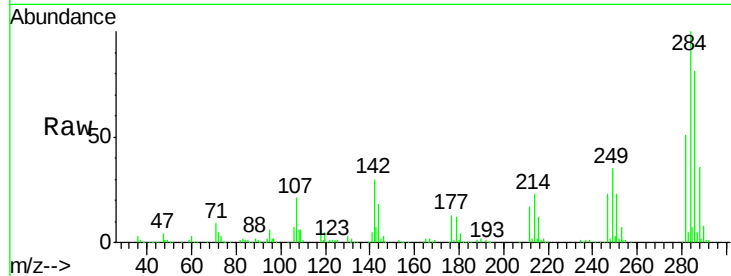
Tot Ion:284 Resp: 210861

Ion Ratio Lower Upper

284 100

142 30.4 26.8 40.2

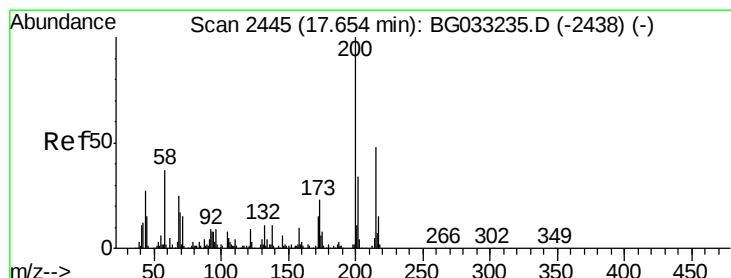
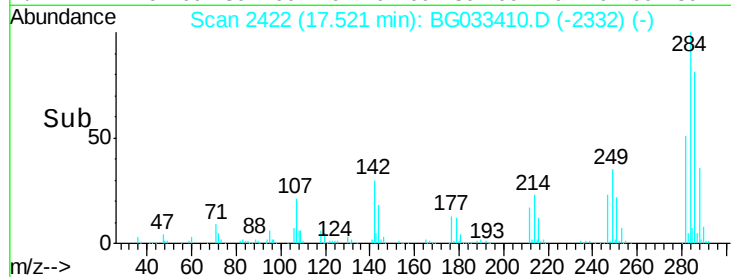
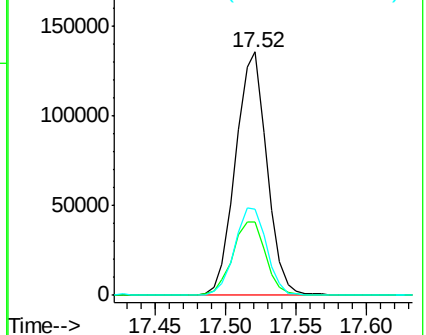
249 35.2 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 49.154 ng

RT: 17.63 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

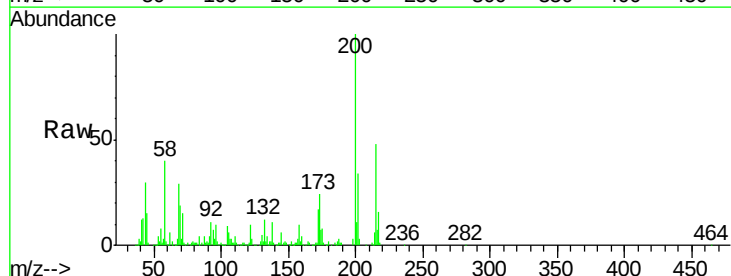
Tgt Ion:200 Resp: 185767

Ion Ratio Lower Upper

200 100

173 24.3 5.2 45.2

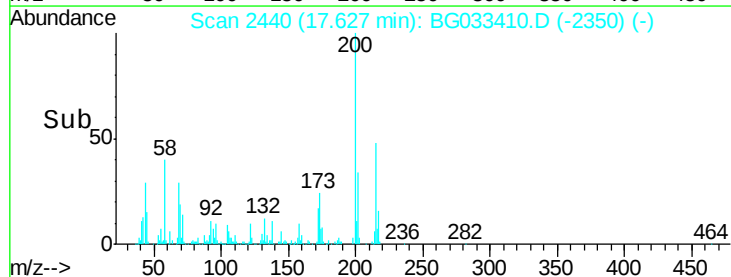
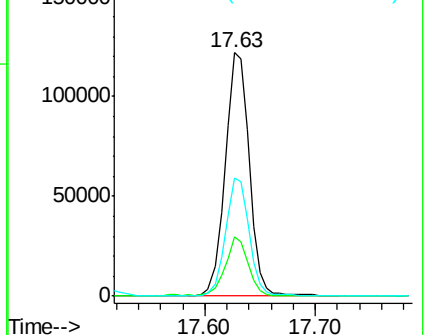
215 48.4 30.4 70.4

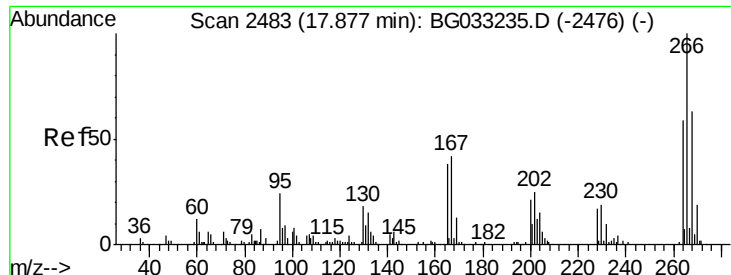


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

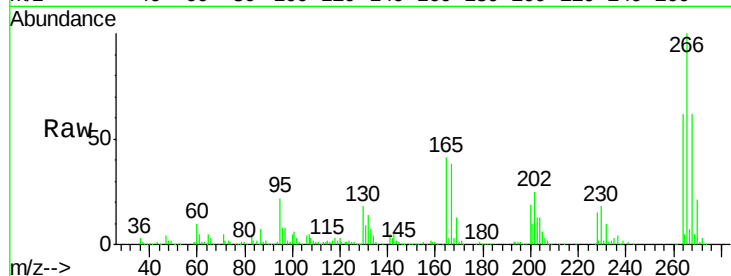




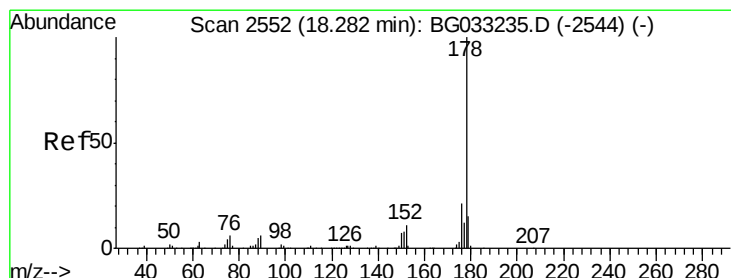
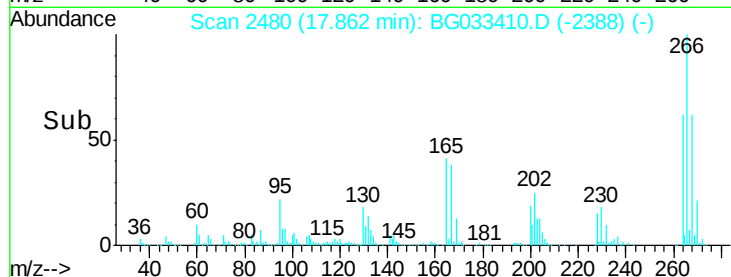
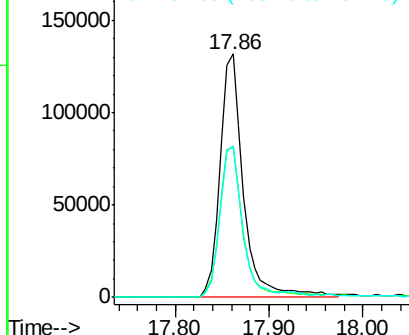
#69
 Pentachlorophenol
 Concen: 82.455 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. 0.01 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.1	76.7
264	62.4	49.6	74.4

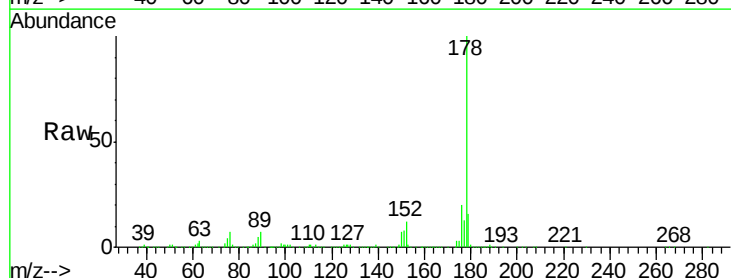


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

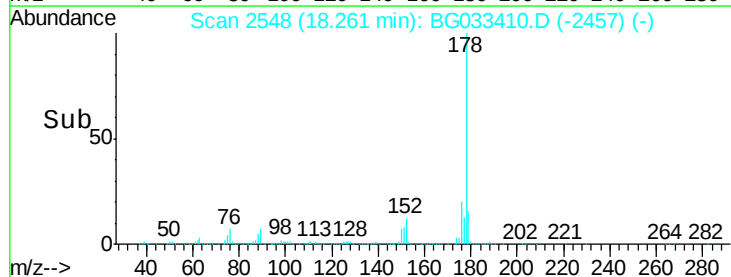
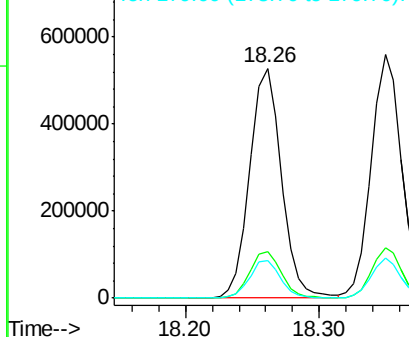


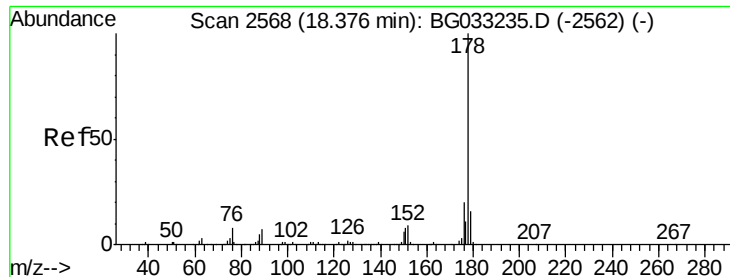
#70
 Phenanthrene
 Concen: 50.932 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. 0.01 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.7	23.5
179	16.4	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

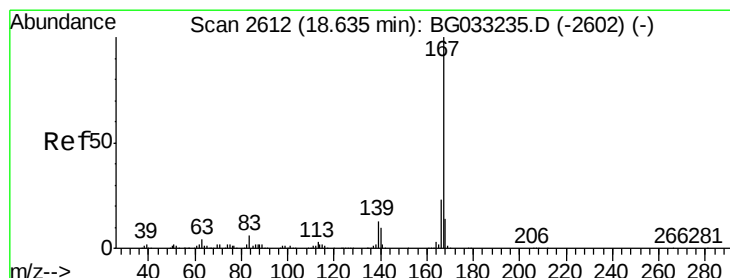
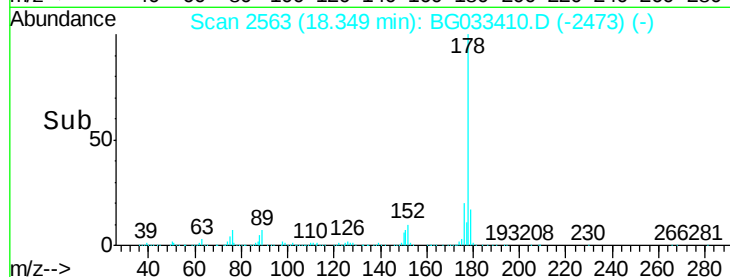
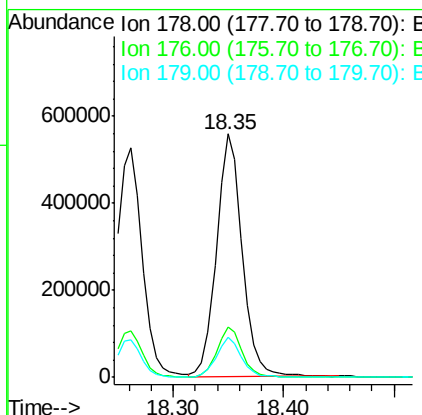
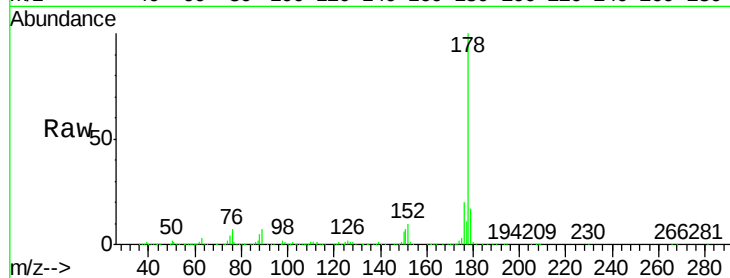




#71
 Anthracene
 Concen: 52.228 ng
 RT: 18.35 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

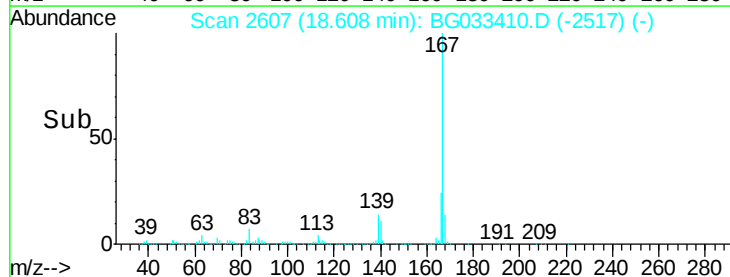
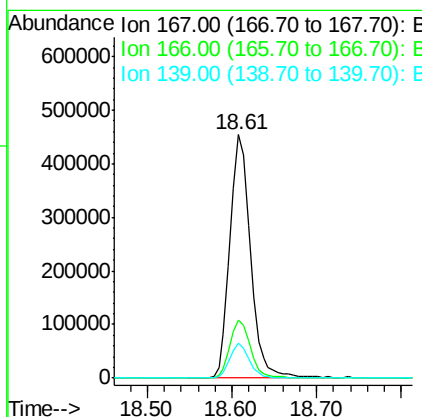
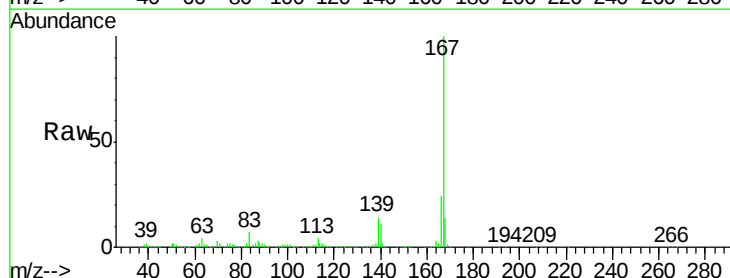
Instrument :
 BNA_G
 ClientSampleId :

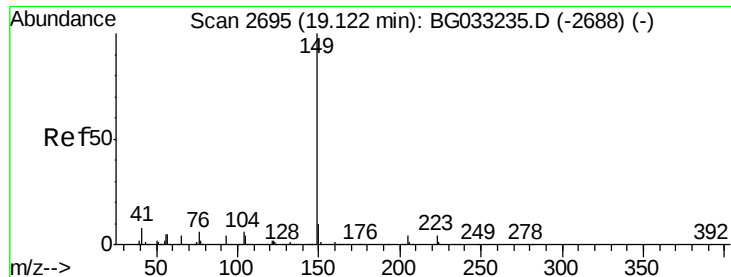
Tot Ion:178 Resp: 899744
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.0 24.0
 179 16.6 12.5 18.7



#72
 Carbazole
 Concen: 50.144 ng
 RT: 18.61 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion:167 Resp: 765482
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.2 27.4
 139 14.3 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 51.345 ng

RT: 19.10 min Scan# 2691

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

ClientSampleId :

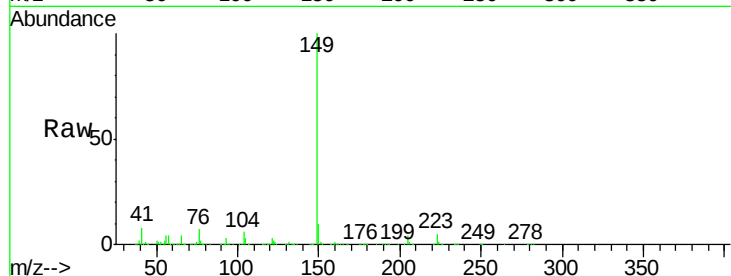
Tot Ion:149 Resp: 912330

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

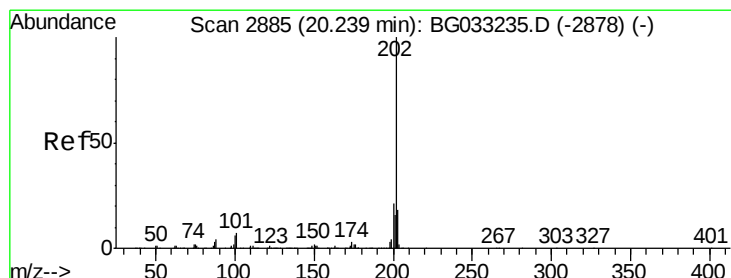
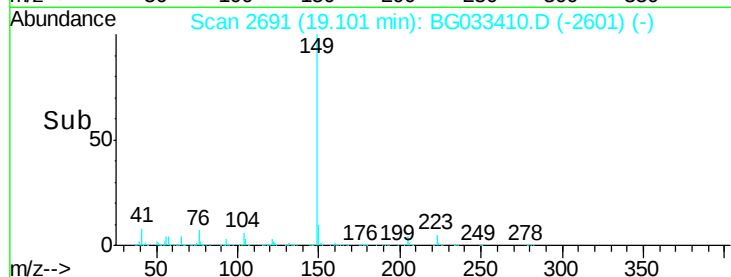
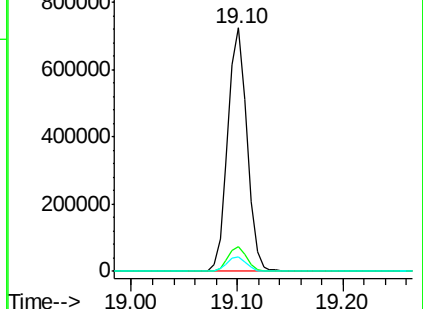
104 6.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 51.532 ng

RT: 20.21 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

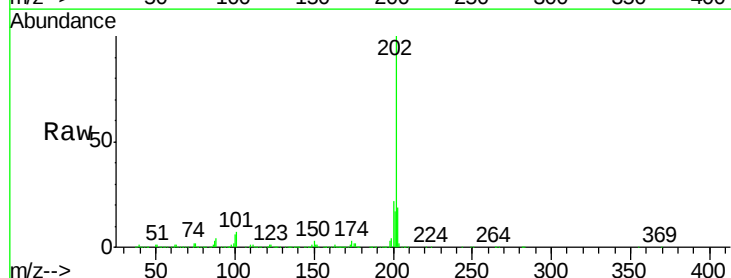
Tgt Ion:202 Resp: 1084984

Ion Ratio Lower Upper

202 100

101 7.3 0.0 28.9

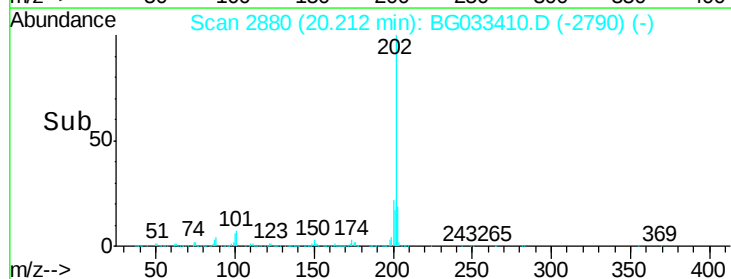
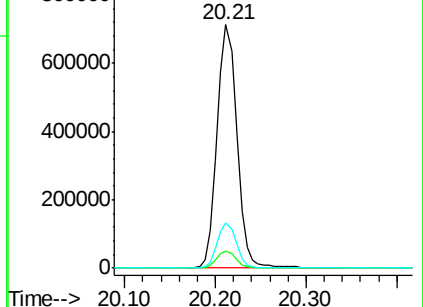
203 18.5 0.0 37.5

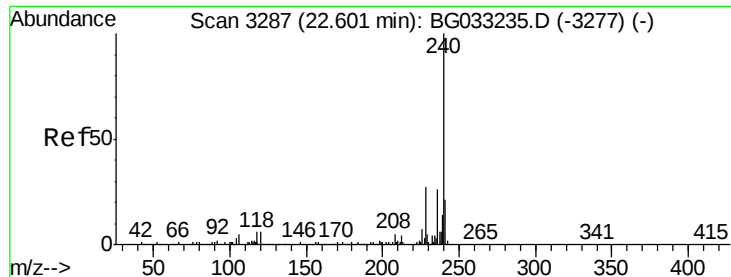


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

ClientSampleId :

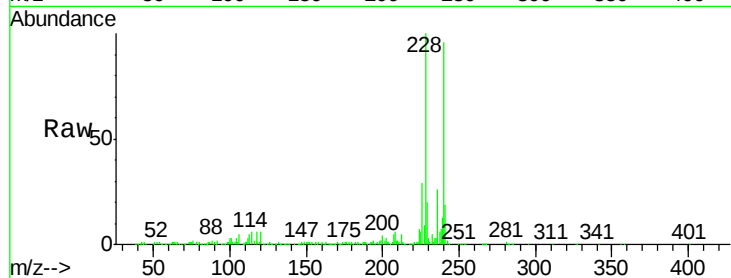
Tot Ion:240 Resp: 334071

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

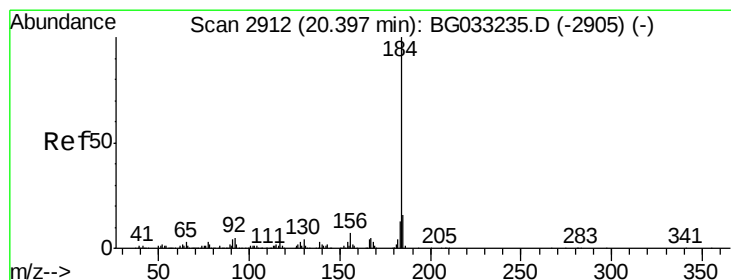
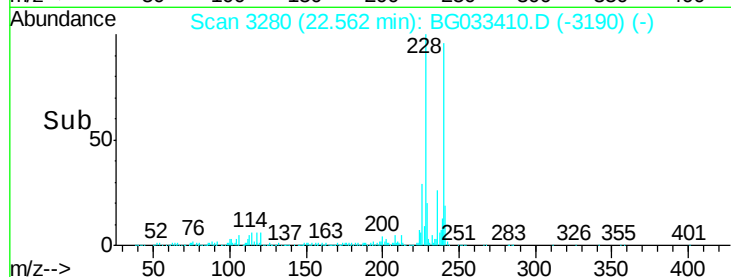
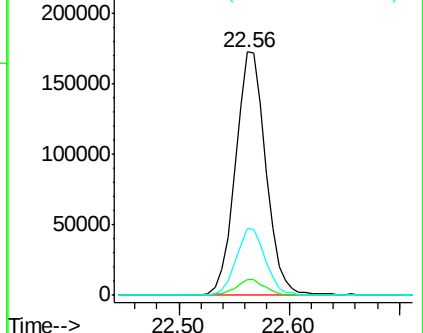
236 27.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.825 ng

RT: 20.38 min Scan# 2908

Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

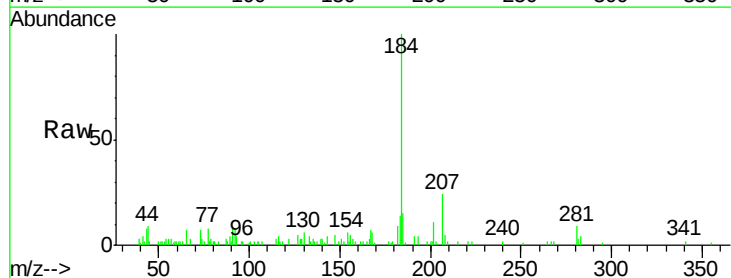
Tgt Ion:184 Resp: 25591

Ion Ratio Lower Upper

184 100

185 14.8 11.1 16.7

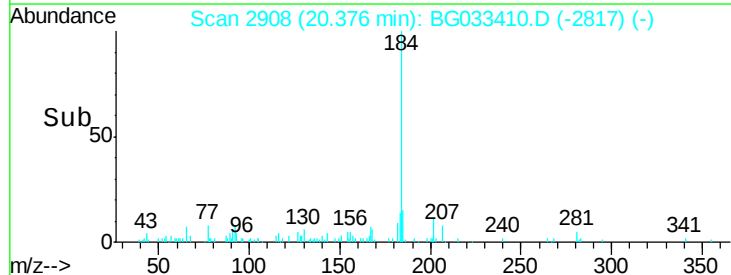
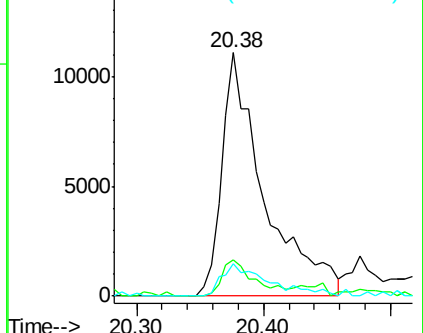
183 13.5 10.6 16.0

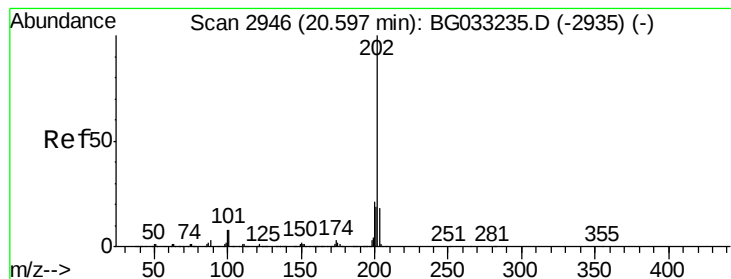


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.288 ng

RT: 20.57 min Scan# 2941

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

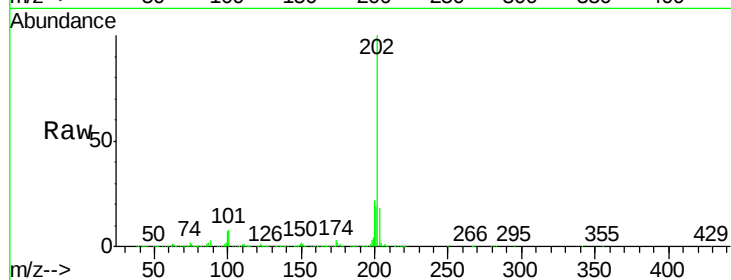
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1075884

Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.9	25.3
203	18.0	13.9	20.9

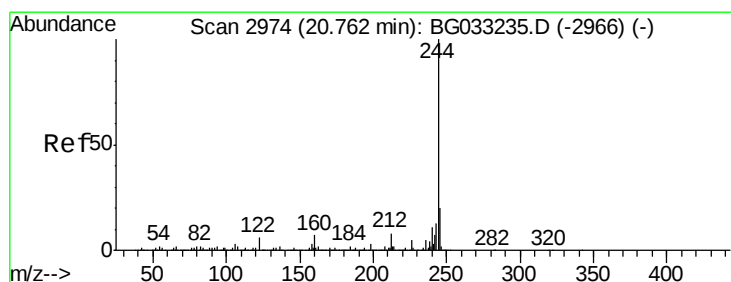
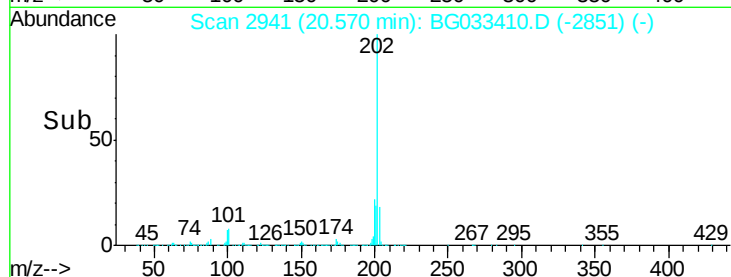
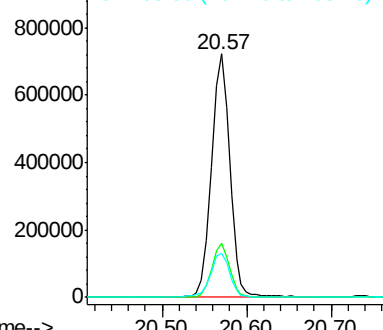


Abundance

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: 101.913 ng

RT: 20.73 min Scan# 2969

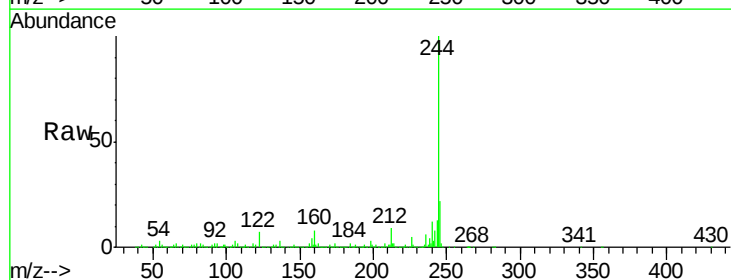
Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Tgt Ion:244 Resp: 1591981

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	7.2	7.0	10.4

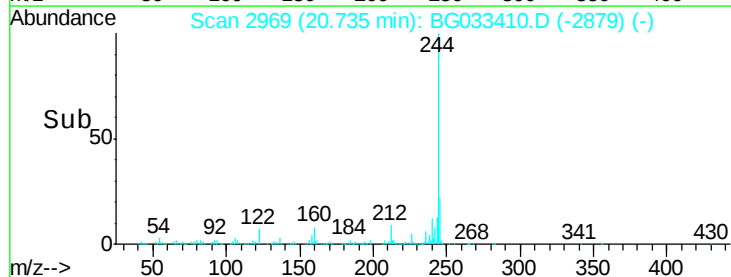
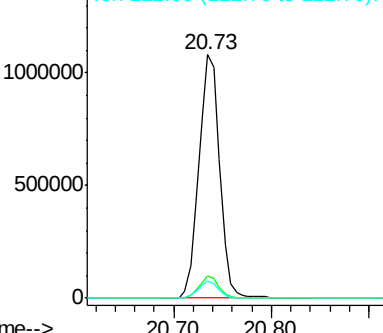


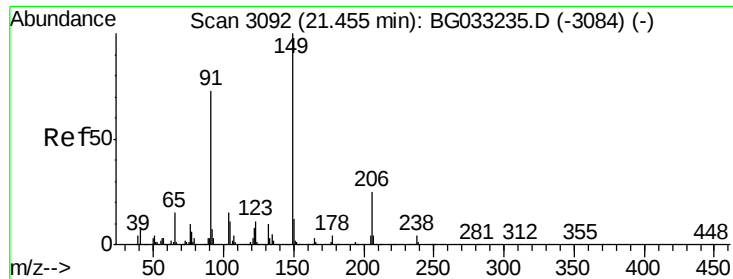
Abundance

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

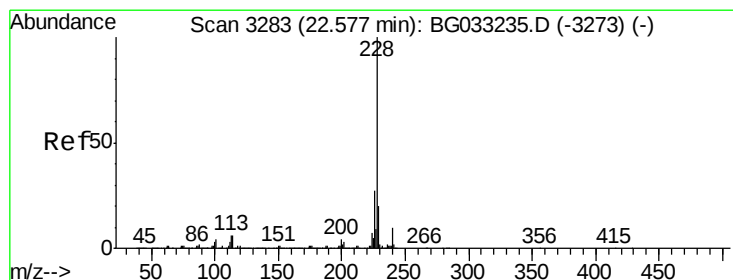
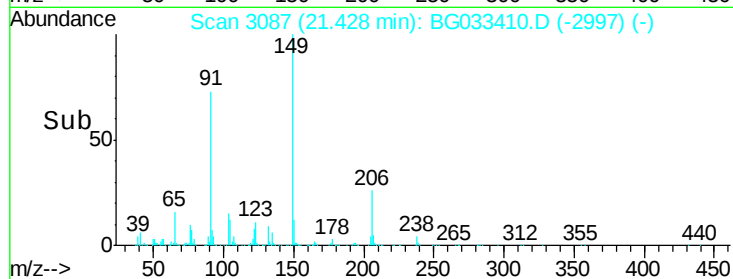
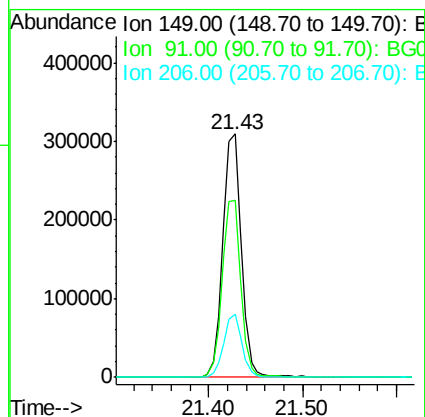
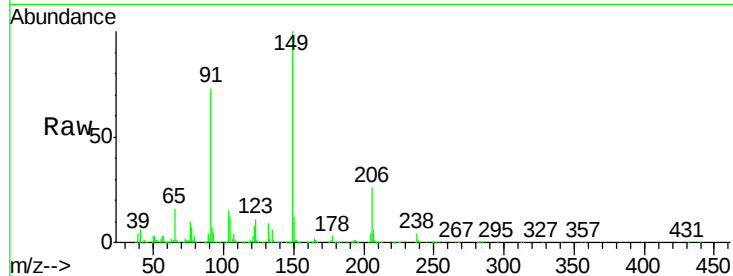




#79
Butylbenzylphthalate
Concen: 51.975 ng
RT: 21.43 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

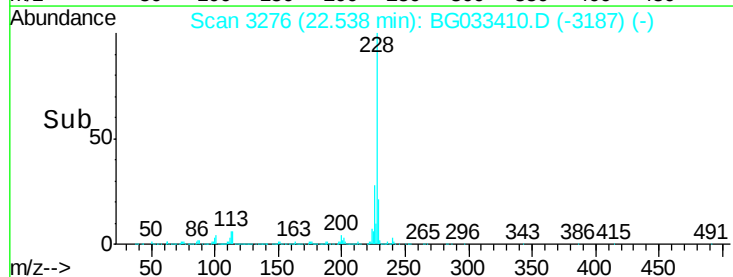
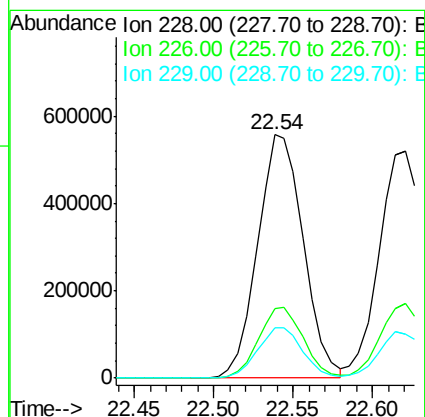
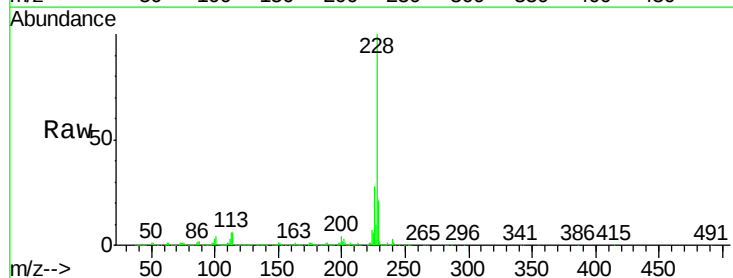
Instrument :
BNA_G
ClientSampleId :

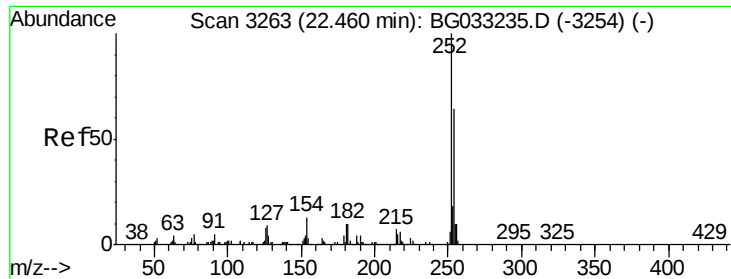
Tot Ion:149 Resp: 427340
Ion Ratio Lower Upper
149 100
91 72.7 62.2 93.2
206 25.7 18.6 27.8



#80
Benzo(a)anthracene
Concen: 52.288 ng
RT: 22.54 min Scan# 3276
Delta R.T. -0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion:228 Resp: 1112287
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 20.7 16.2 24.2

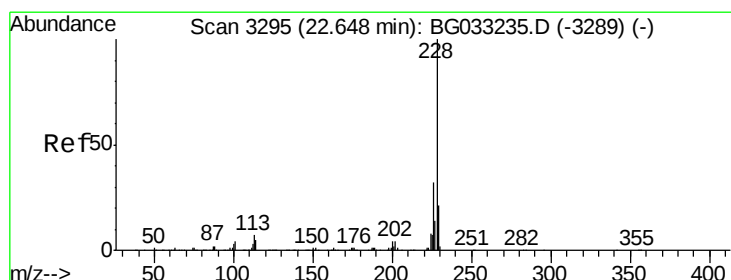
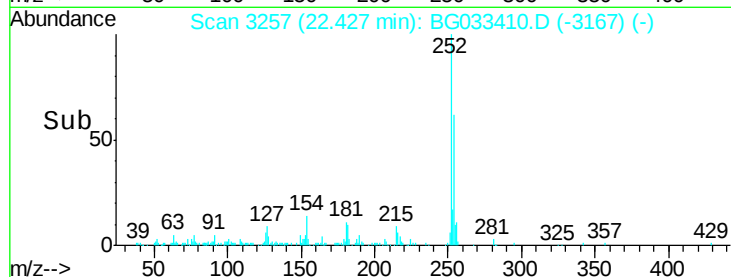
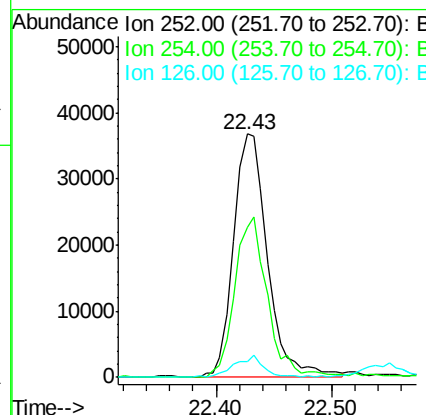
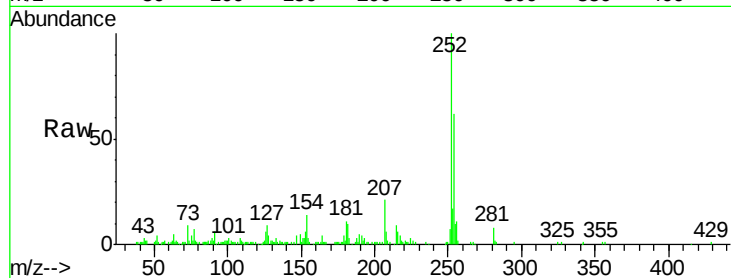




#81
 3,3'-Dichlorobenzidine
 Concen: 9.945 ng
 RT: 22.43 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

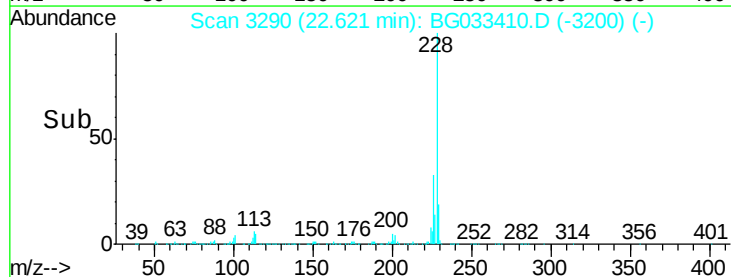
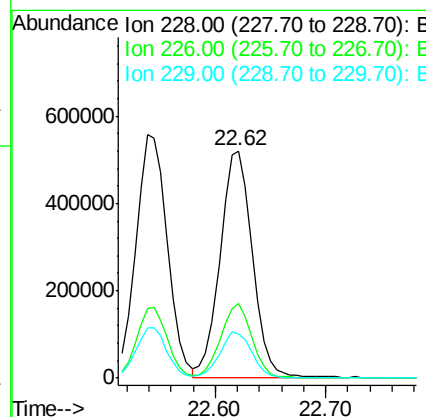
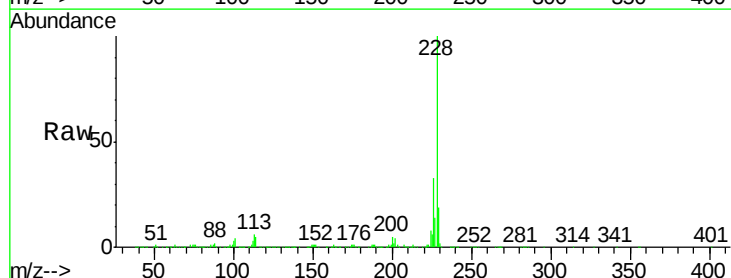
Instrument :
 BNA_G
 ClientSampleId :

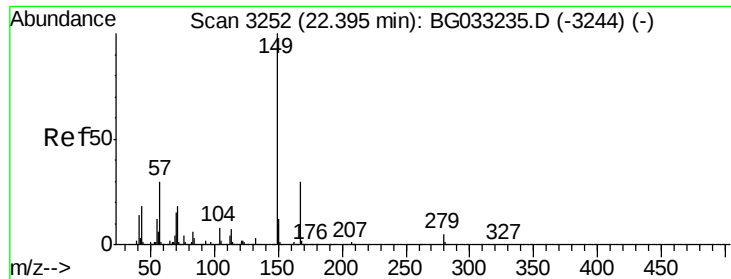
Tot Ion:252 Resp: 75284
 Ion Ratio Lower Upper
 252 100
 254 61.5 50.8 76.2
 126 6.4 7.4 11.2#



#82
 Chrysene
 Concen: 51.180 ng
 RT: 22.62 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion:228 Resp: 1053882
 Ion Ratio Lower Upper
 228 100
 226 32.7 24.9 37.3
 229 19.3 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.324 ng

RT: 22.36 min Scan# 3246

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

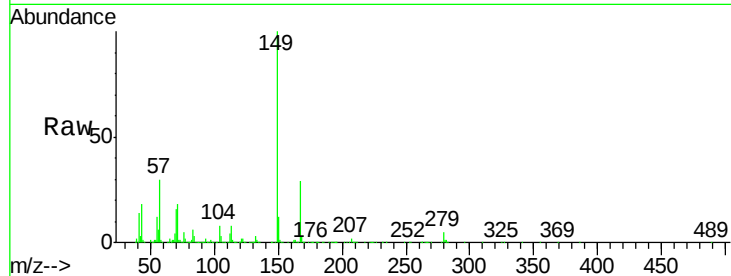
Instrument :

BNA_G

ClientSampled :

Tot Ion:149 Resp: 570374

Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.3	36.5
279	5.4	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

500000 Ion 167.00 (166.70 to 167.70): E

400000 Ion 279.00 (278.70 to 279.70): E

22.36

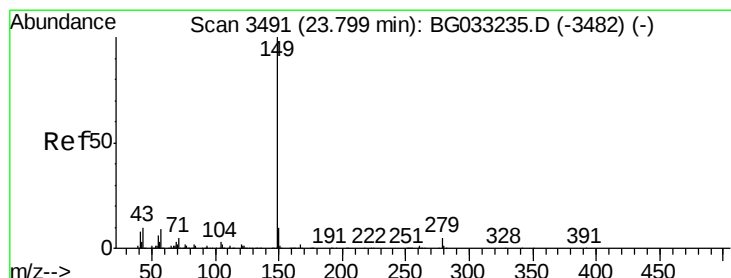
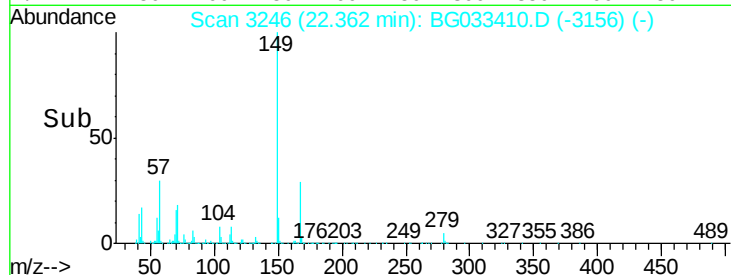
300000

200000

100000

0

Time-->



#84

Di-n-octyl phthalate

Concen: 58.299 ng

RT: 23.76 min Scan# 3484

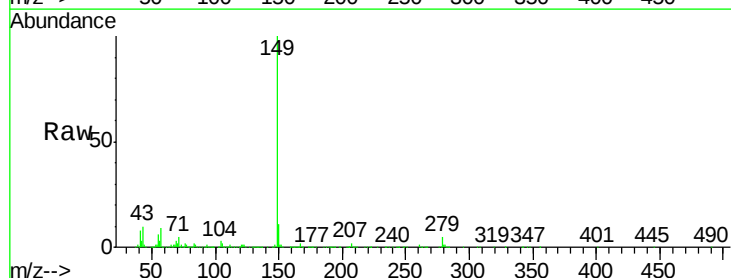
Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Tgt Ion:149 Resp: 1011720

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.4	8.9	13.3



Abundance Ion 149.00 (148.70 to 149.70): E

600000 Ion 167.00 (166.70 to 167.70): E

400000 Ion 43.00 (42.70 to 43.70): BG

23.76

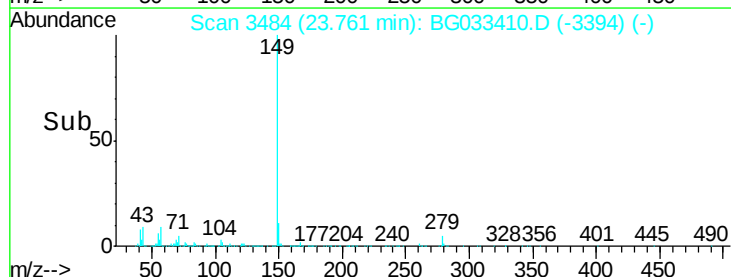
300000

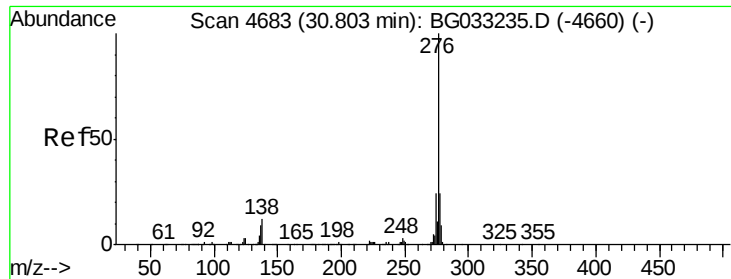
200000

100000

0

Time-->

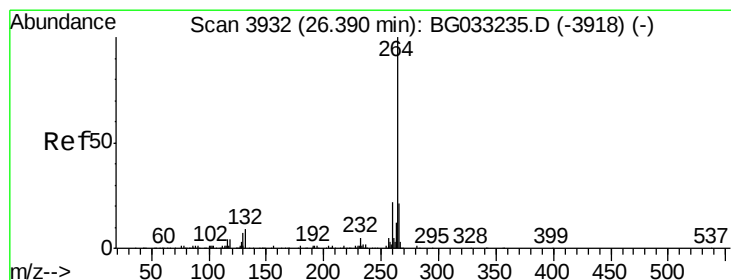
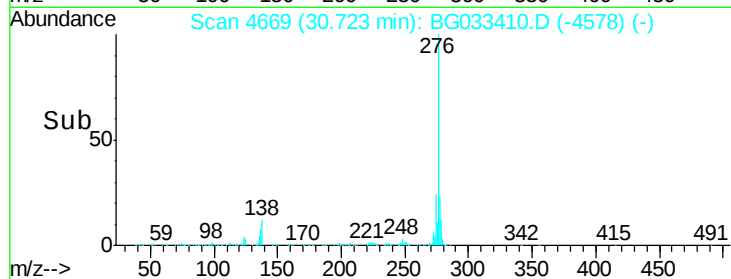
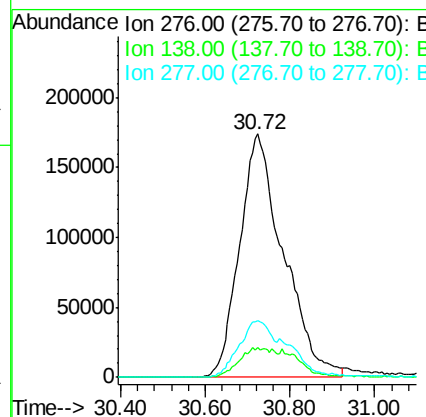
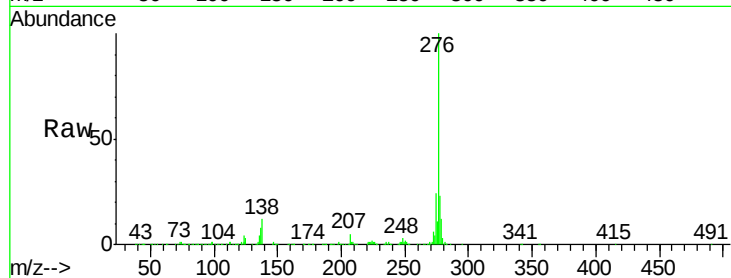




#85
Indeno(1,2,3-cd)pyrene
Concen: 56.111 ng
RT: 30.72 min Scan# 4669
Delta R.T. 0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

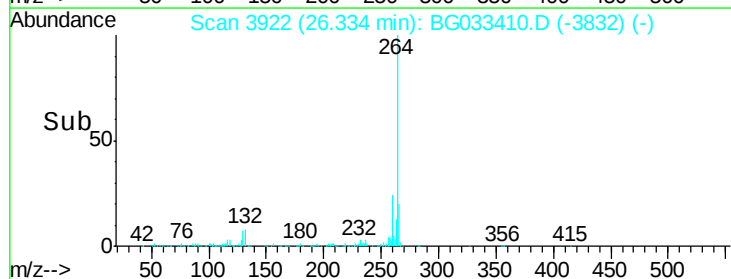
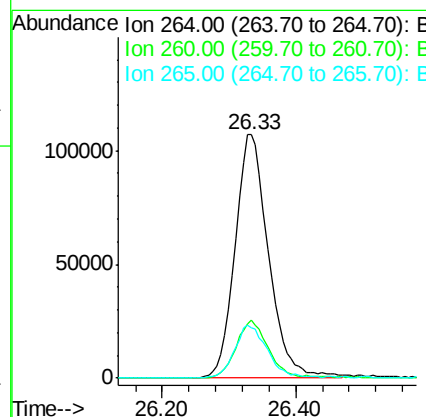
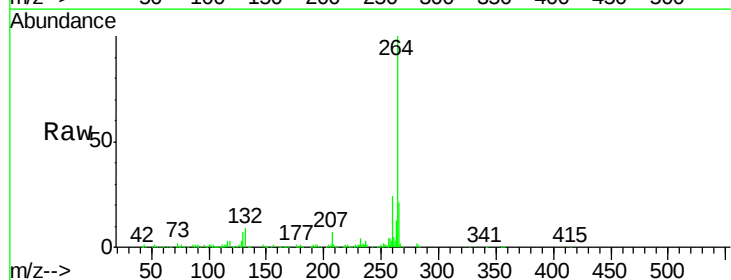
Instrument :
BNA_G
ClientSampleId :

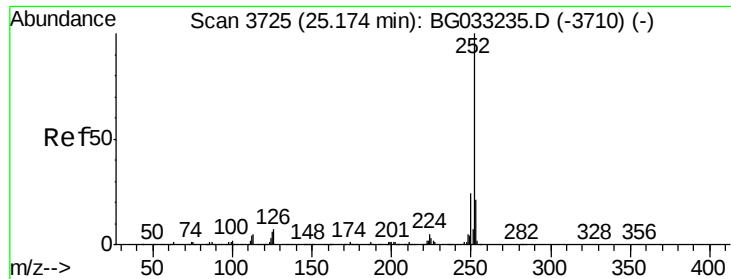
Tot Ion:276 Resp: 1249225
Ion Ratio Lower Upper
276 100
138 4.7 16.0 24.0#
277 17.8 20.0 30.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3922
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion:264 Resp: 373231
Ion Ratio Lower Upper
264 100
260 23.8 17.4 26.0
265 20.7 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 50.250 ng

RT: 25.12 min Scan# 3716

Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

ClientSampleId :

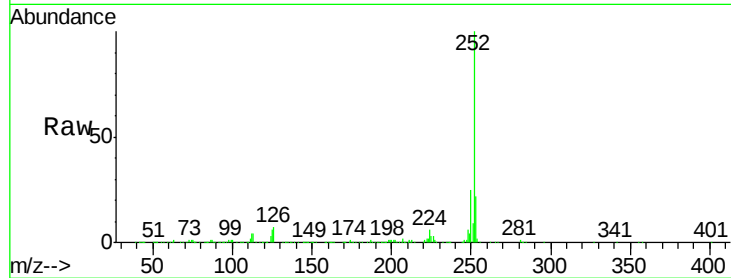
Tot Ion:252 Resp: 1083567

Ion Ratio Lower Upper

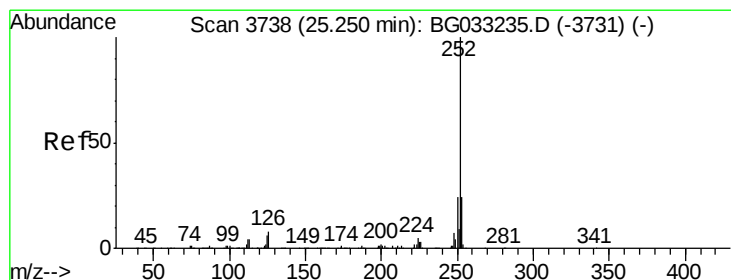
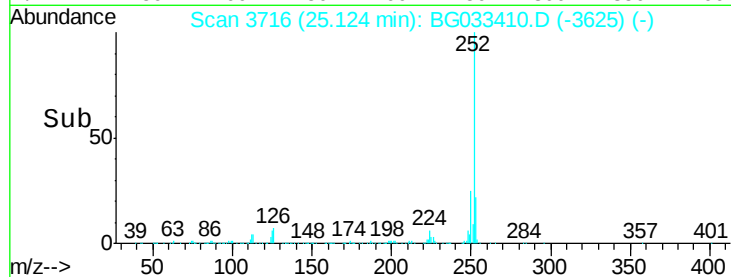
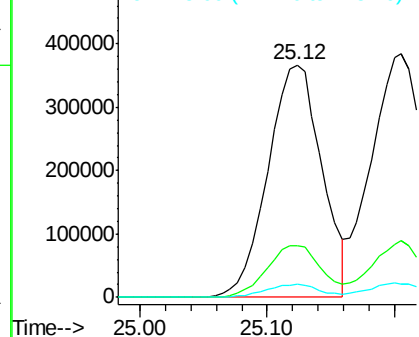
252 100

253 22.3 18.2 27.4

125 5.6 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 51.838 ng

RT: 25.21 min Scan# 3730

Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

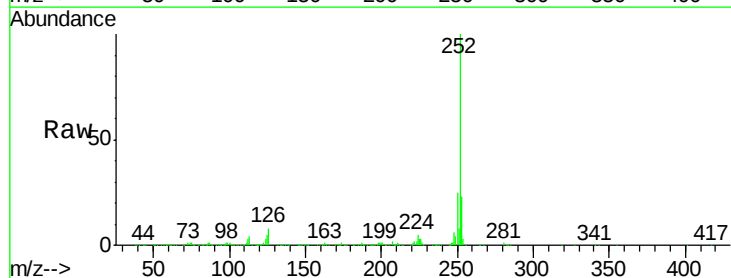
Tgt Ion:252 Resp: 1130517

Ion Ratio Lower Upper

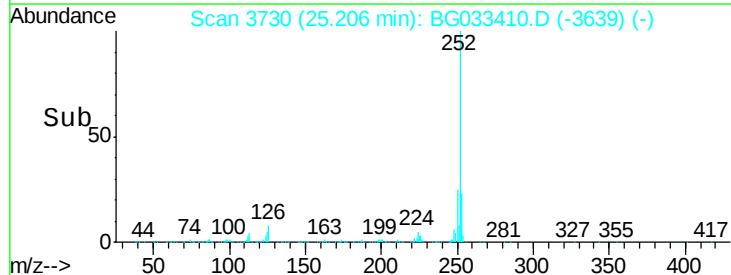
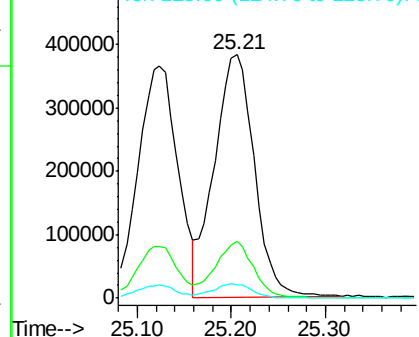
252 100

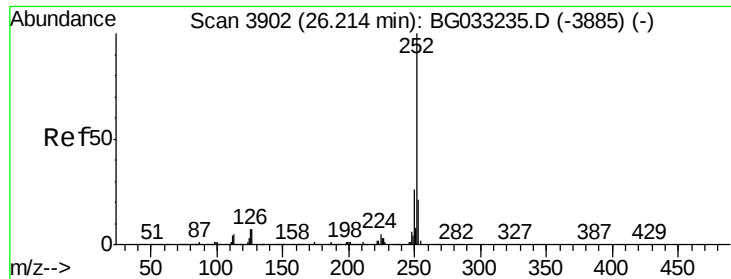
253 23.4 17.4 26.2

125 5.2 6.6 9.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 53.183 ng

RT: 26.16 min Scan# 3892

Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

ClientSampleId :

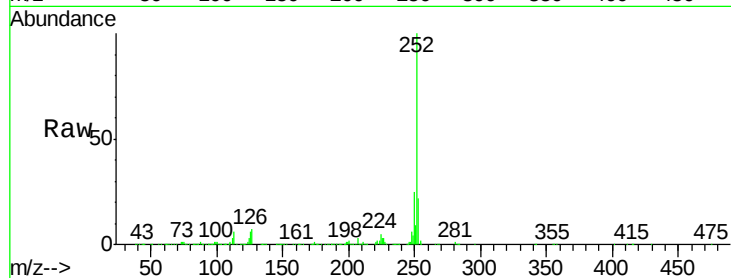
Tot Ion:252 Resp: 1101313

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

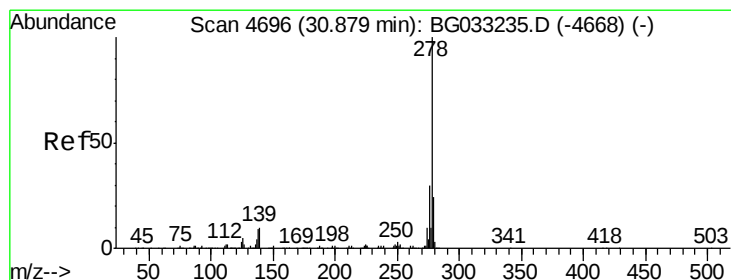
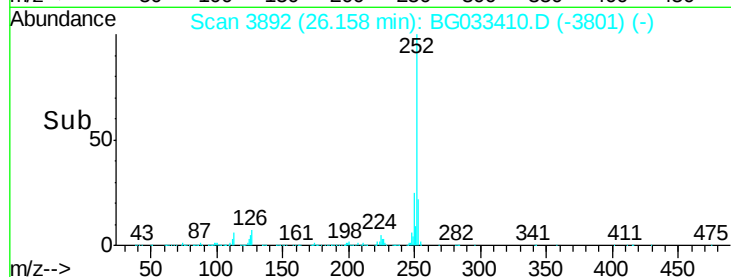
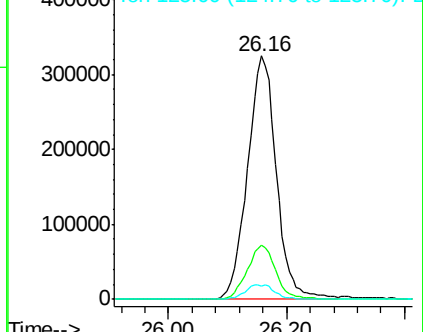
125 5.5 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 54.907 ng

RT: 30.80 min Scan# 4682

Delta R.T. 0.02 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

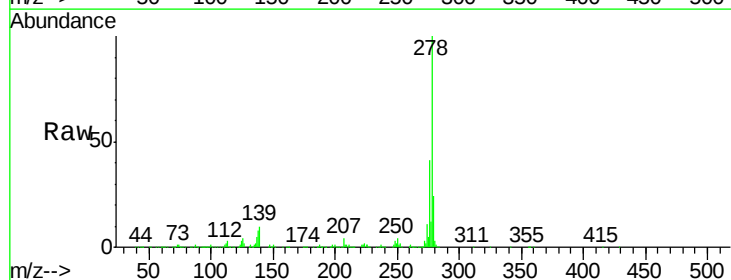
Tgt Ion:278 Resp: 1071011

Ion Ratio Lower Upper

278 100

139 9.8 9.8 14.6

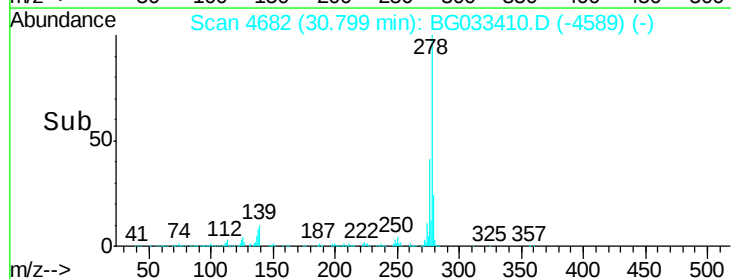
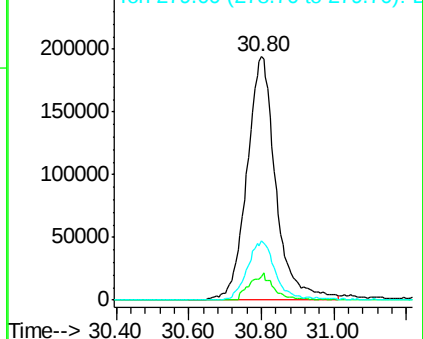
279 24.4 18.4 27.6

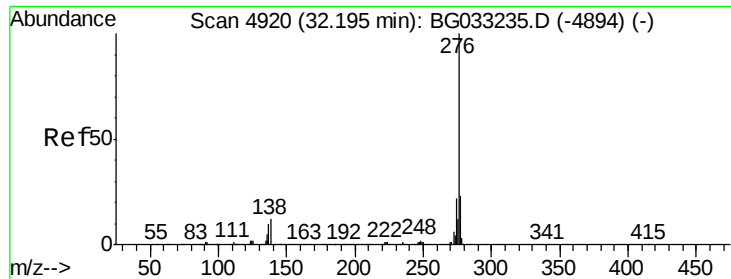


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 51.069 ng
 RT: 32.09 min Scan# 4902
 Delta R.T. 0.01 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.3	27.5
138	12.1	13.9	20.9

