

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033809.D
 Acq On : 16 Apr 2018 10:34
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 16 11:44:06 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	29416	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	143877	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	120914	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	328553	20.00	ng	0.00
75) Chrysene-d12	22.55	240	329906	20.00	ng	0.00
86) Perylene-d12	26.33	264	354429	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.30	112	112236	71.54	ng	0.00
7) Phenol-d6	7.99	99	223077	82.76	ng	0.00
23) Nitrobenzene-d5	10.06	82	250717	80.06	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	139905	77.36	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	633970	75.69	ng	0.00
78) Terphenyl-d14	20.73	244	1171068	75.91	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.91	88	32157	40.364	ng	88
3) Pyridine	4.39	79	82122	37.289	ng	# 93
4) n-Nitrosodimethylamine	4.33	42	27047	29.927	ng	# 79
6) Aniline	8.15	93	120150	37.904	ng	# 90
8) 2-Chlorophenol	8.41	128	67400	37.582	ng	97
9) Benzaldehyde	7.97	77	30790	17.975	ng	91
10) Phenol	8.02	94	98906	37.165	ng	84
11) bis(2-Chloroethyl)ether	8.24	93	87924	40.477	ng	88
12) 1,3-Dichlorobenzene	8.74	146	96730	41.255	ng	# 95
13) 1,4-Dichlorobenzene	8.89	146	99580	42.407	ng	96
14) 1,2-Dichlorobenzene	9.22	146	94849	41.386	ng	97
15) Benzyl Alcohol	9.11	79	83995	39.579	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.37	45	166511	47.022	ng	75
17) 2-Methylphenol	9.31	107	61050	33.675	ng	# 86
18) Hexachloroethane	9.96	117	39239	43.296	ng	98
19) n-Nitroso-di-n-propylamine	9.66	70	93196	47.185	ng	# 97
20) 3+4-Methylphenols	9.65	107	103374	40.048	ng	90
22) Acetophenone	9.70	105	145165	36.828	ng	# 92
24) Nitrobenzene	10.10	77	121366	36.208	ng	93
25) Isophorone	10.61	82	264171	43.464	ng	99
26) 2-Nitrophenol	10.83	139	51809	40.826	ng	# 89
27) 2,4-Dimethylphenol	10.87	122	69504	37.702	ng	90
28) bis(2-Chloroethoxy)methane	11.10	93	115500	38.087	ng	99
29) 2,4-Dichlorophenol	11.38	162	83547	36.851	ng	97
30) 1,2,4-Trichlorobenzene	11.58	180	116238	39.462	ng	94
31) Naphthalene	11.78	128	294043	39.438	ng	97
32) Benzoic acid	11.01	122	36628	21.373	ng	# 75
33) 4-Chloroaniline	11.90	127	123415	36.947	ng	# 87
34) Hexachlorobutadiene	12.04	225	84411	37.895	ng	97
35) Caprolactam	12.64	113	40373	45.455	ng	# 86
36) 4-Chloro-3-methylphenol	12.97	107	122013	41.263	ng	97
37) 2-Methylnaphthalene	13.34	142	232485	40.174	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	161675	36.914	ng	98
40) Hexachlorocyclopentadiene	13.66	237	70134	27.315	ng	96

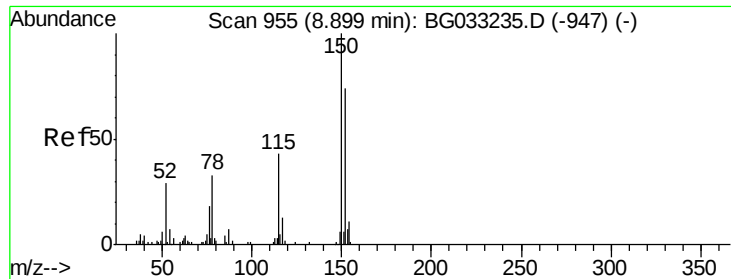
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033809.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	94672	37.204	ng	98
43) 2,4,5-Trichlorophenol	14.02	196	125876	41.850	ng	96
45) 1,1'-Biphenyl	14.31	154	360677	38.826	ng	98
46) 2-Chloronaphthalene	14.37	162	269610	37.641	ng	94
47) 2-Nitroaniline	14.57	65	108095	40.291	ng	93
48) Acenaphthylene	15.20	152	474983	39.728	ng	100
49) Dimethylphthalate	14.90	163	433360	41.183	ng	100
50) 2,6-Dinitrotoluene	15.03	165	90673	42.142	ng	89
51) Acenaphthene	15.54	154	304413	39.497	ng	98
52) 3-Nitroaniline	15.39	138	82301	36.485	ng	# 97
53) 2,4-Dinitrophenol	15.59	184	24504	27.534	ng	91
54) Dibenzofuran	15.87	168	446817	39.248	ng	94
55) 4-Nitrophenol	15.71	139	49082	30.943	ng	92
56) 2,4-Dinitrotoluene	15.82	165	131156	41.400	ng	97
57) Fluorene	16.51	166	382683	39.457	ng	96
58) 2,3,4,6-Tetrachlorophenol	16.09	232	112453	39.713	ng	95
59) Diethylphthalate	16.23	149	444114	43.464	ng	99
60) 4-Chlorophenyl-phenylether	16.48	204	210204	37.703	ng	100
61) 4-Nitroaniline	16.56	138	93436	40.903	ng	# 83
62) Azobenzene	16.78	77	409874	41.410	ng	97
64) 4,6-Dinitro-2-methylphenol	16.57	198	74612	37.961	ng	95
65) n-Nitrosodiphenylamine	16.70	169	359938	38.374	ng	96
66) 4-Bromophenyl-phenylether	17.37	248	143086	37.083	ng	89
67) Hexachlorobenzene	17.51	284	151872	37.295	ng	97
68) Atrazine	17.62	200	138774	36.511	ng	99
69) Pentachlorophenol	17.85	266	93408	33.420	ng	97
70) Phenanthrene	18.25	178	647973	37.869	ng	96
71) Anthracene	18.34	178	662622	38.246	ng	99
72) Carbazole	18.61	167	597648	38.928	ng	97
73) Di-n-butylphthalate	19.09	149	744422	41.658	ng	# 98
74) Fluoranthene	20.20	202	821173	38.781	ng	97
76) Benzidine	20.37	184	257988	28.837	ng	97
77) Pyrene	20.56	202	843243	38.324	ng	99
79) Butylbenzylphthalate	21.41	149	336228	41.410	ng	97
80) Benzo(a)anthracene	22.54	228	794444	37.818	ng	99
81) 3,3'-Dichlorobenzidine	22.42	252	297611	39.812	ng	98
82) Chrysene	22.61	228	790960	38.897	ng	99
83) Bis(2-ethylhexyl)phthalate	22.34	149	475377	42.472	ng	97
84) Di-n-octyl phthalate	23.74	149	780081	45.519	ng	100
85) Indeno(1,2,3-cd)pyrene	30.71	276	885946	40.296	ng	# 89
87) Benzo(b)fluoranthene	25.11	252	771627	37.683	ng	# 97
88) Benzo(k)fluoranthene	25.19	252	793302	38.305	ng	# 98
89) Benzo(a)pyrene	26.15	252	759308	38.613	ng	# 96
90) Dibenzo(a,h)anthracene	30.79	278	745861	40.266	ng	# 97
91) Benzo(g,h,i)perylene	32.09	276	718626	39.178	ng	# 94

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

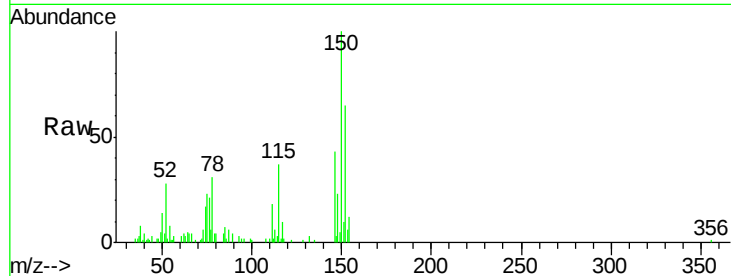


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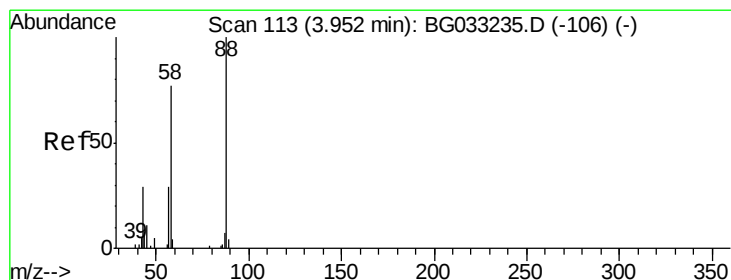
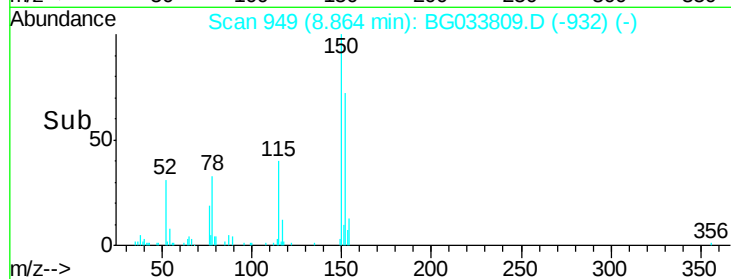
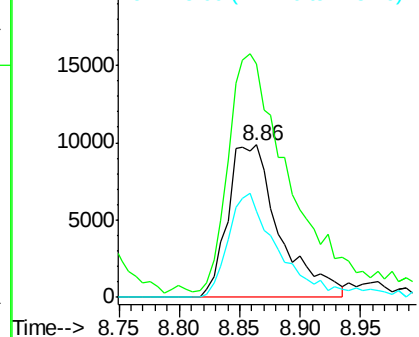
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29416
Ion Ratio Lower Upper
152 100
150 153.3 126.6 189.8
115 56.3 53.0 79.4



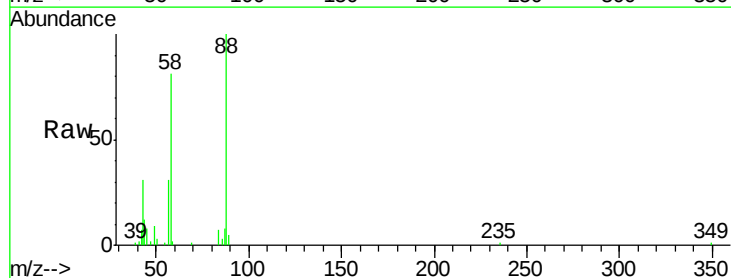
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



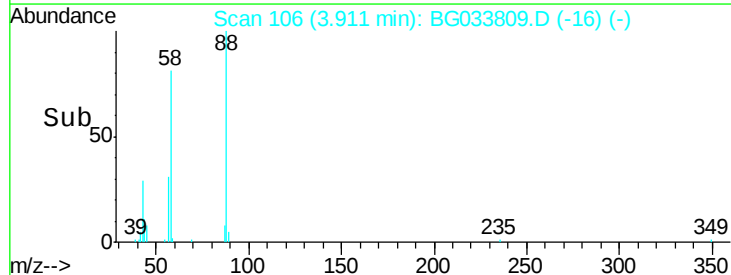
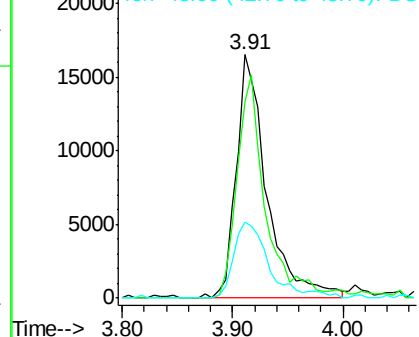
#2

1,4-Dioxane
Concen: 40.364 ng
RT: 3.91 min Scan# 106
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Tgt Ion: 88 Resp: 32157
Ion Ratio Lower Upper
88 100
58 84.4 79.6 119.4
43 36.3 27.4 41.0



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





#3

Pvridine

Concen: 37.289 ng

RT: 4.39 min Scan# 187

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

Instrument :

BNA_G

ClientSampleId :

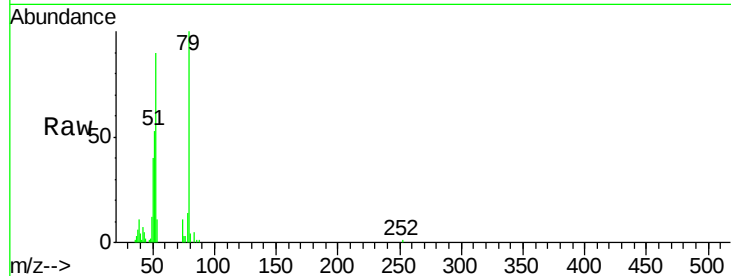
Tot Ion: 79 Resp: 82122

Ion Ratio Lower Upper

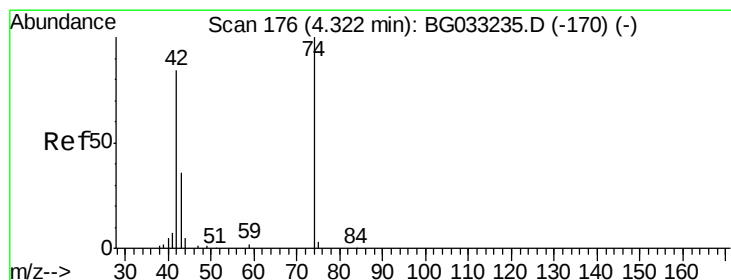
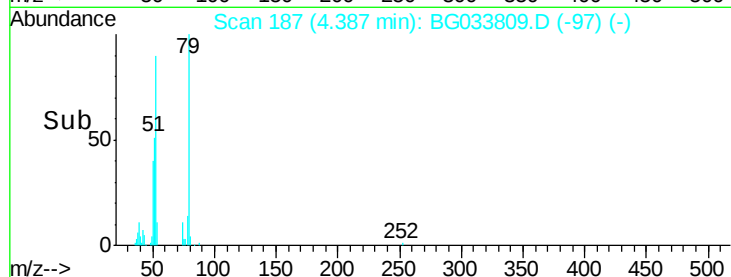
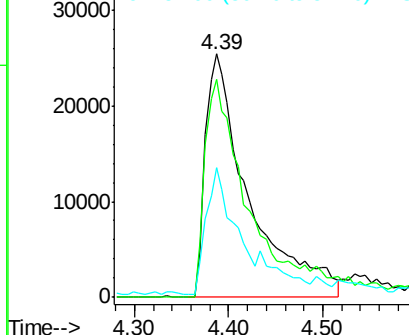
79 100

52 89.7 69.9 104.9

51 53.1 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: 29.927 ng

RT: 4.33 min Scan# 177

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

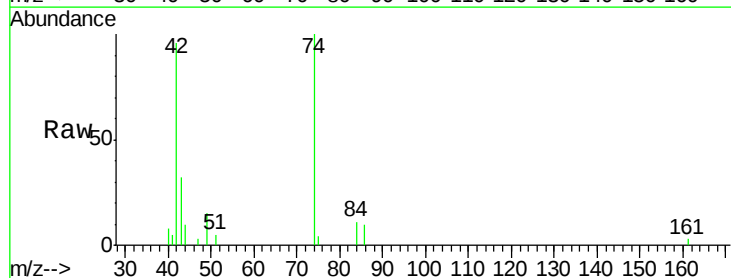
Tgt Ion: 42 Resp: 27047

Ion Ratio Lower Upper

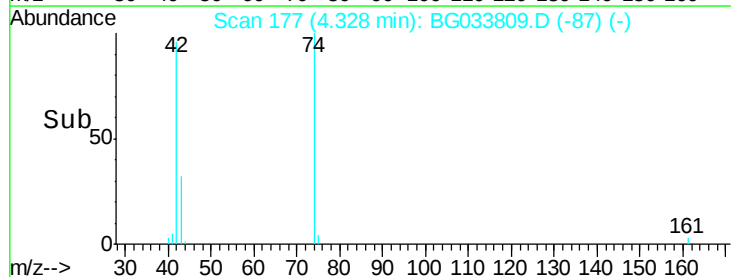
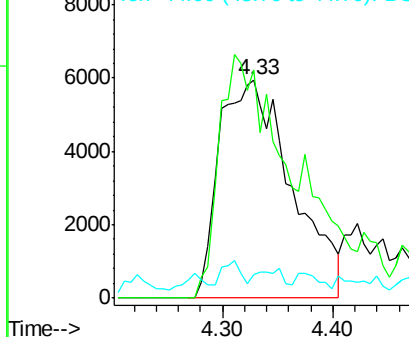
42 100

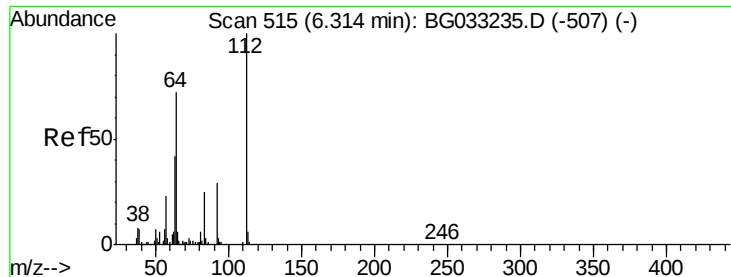
74 104.3 102.5 153.7

44 10.7 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 71.545 ng

RT: 6.30 min Scan# 512

Delta R.T. 0.00 min

Lab File: BG033809.D

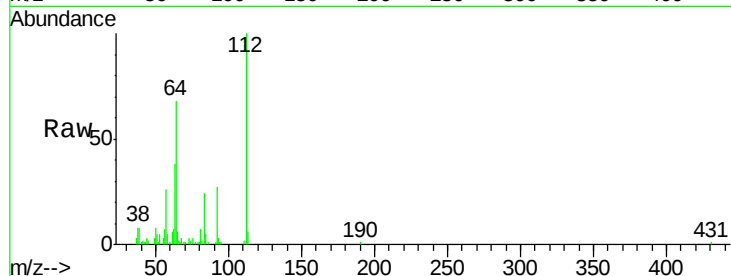
Acq: 16 Apr 2018 10:34

Instrument :

BNA_G

ClientSampleId :

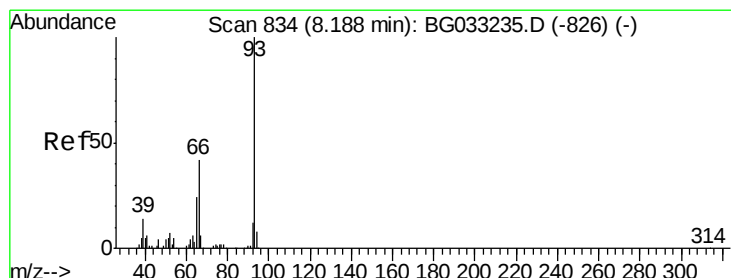
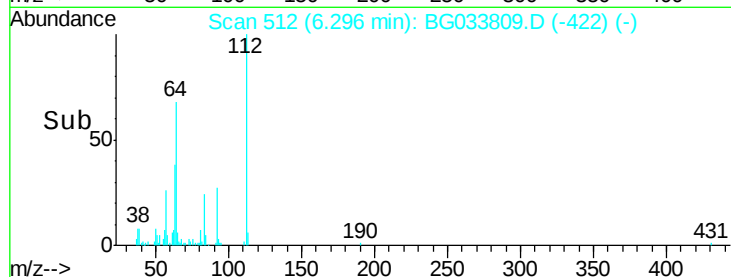
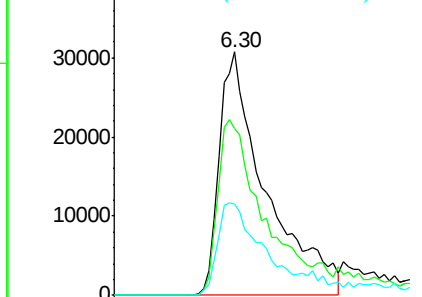
Tot Ion:	112	Resp:	112236
Ion	Ratio	Lower	Upper
112	100		
64	68.4	56.3	84.5
63	37.5	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.904 ng

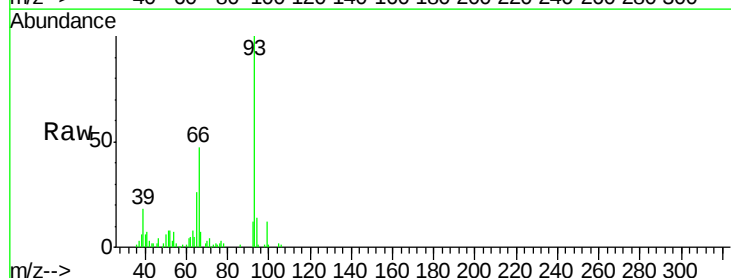
RT: 8.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

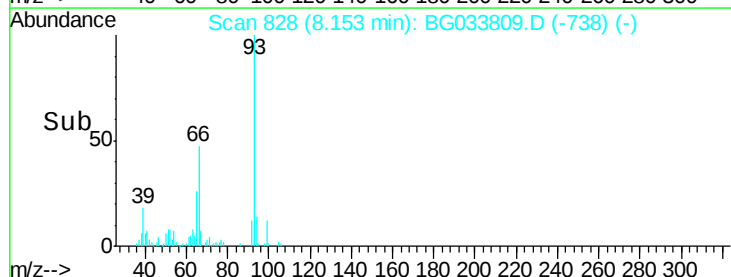
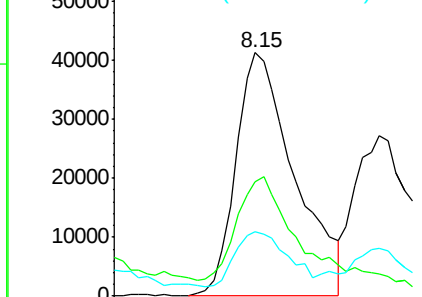
Tgt Ion:	93	Resp:	120150
Ion	Ratio	Lower	Upper
93	100		
66	47.1	33.7	50.5
65	26.2	16.1	24.1#

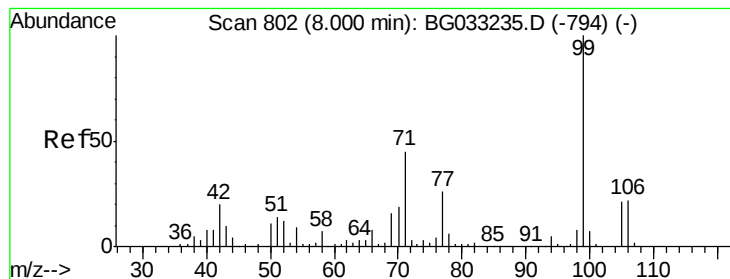


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.761 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

Instrument :

BNA_G

ClientSampleId :

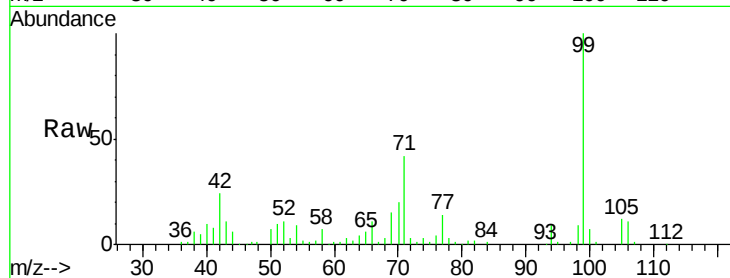
Tot Ion: 99 Resp: 223077

Ion Ratio Lower Upper

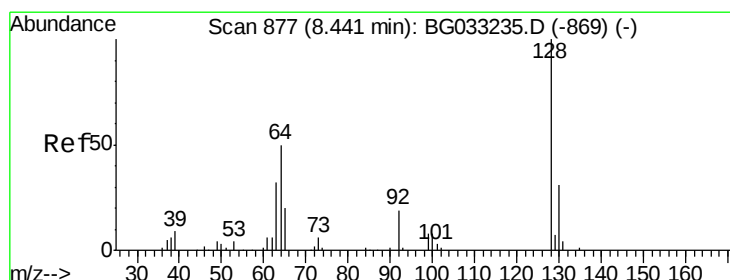
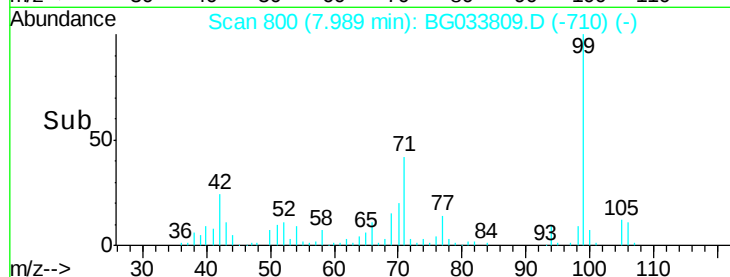
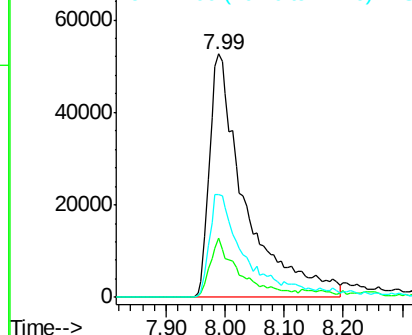
99 100

42 24.1 14.1 21.1#

71 42.5 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: 37.582 ng

RT: 8.41 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

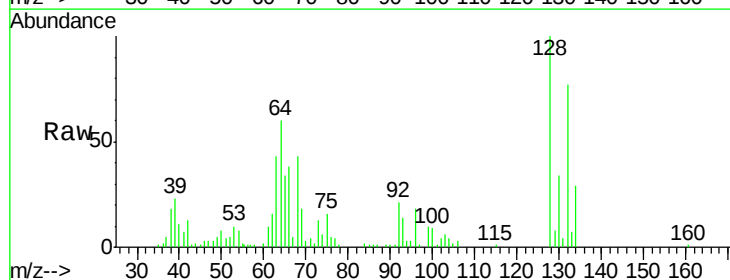
Tgt Ion:128 Resp: 67400

Ion Ratio Lower Upper

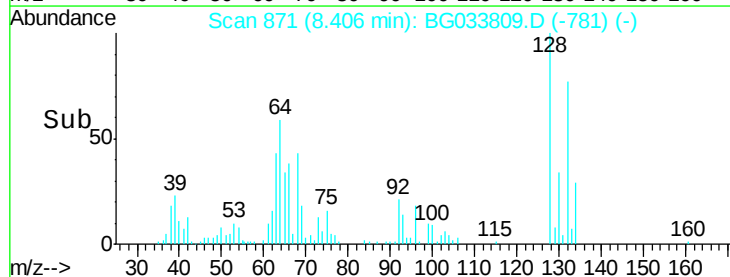
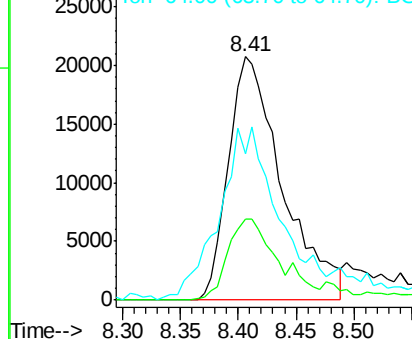
128 100

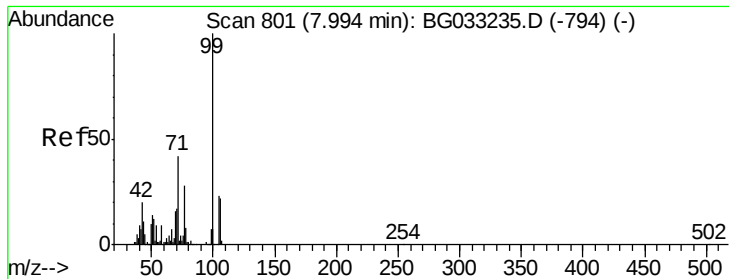
130 33.5 14.0 54.0

64 60.4 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: 17.975 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

Instrument :

BNA_G

ClientSampled :

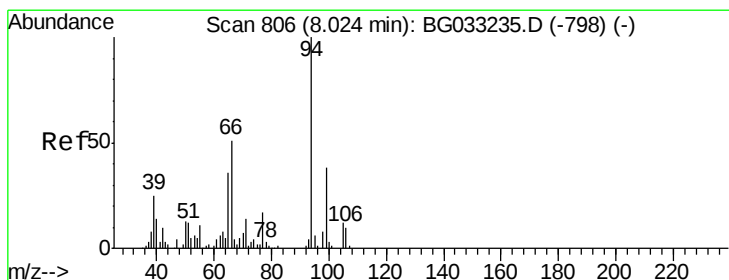
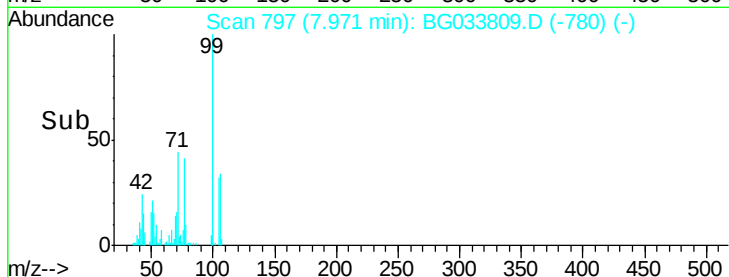
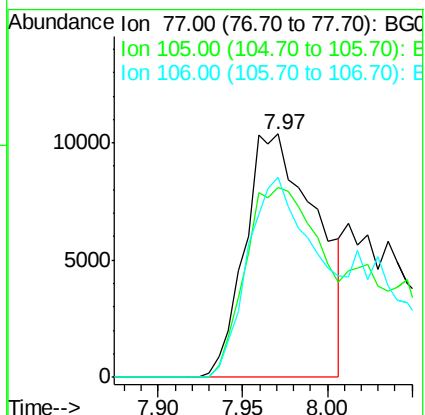
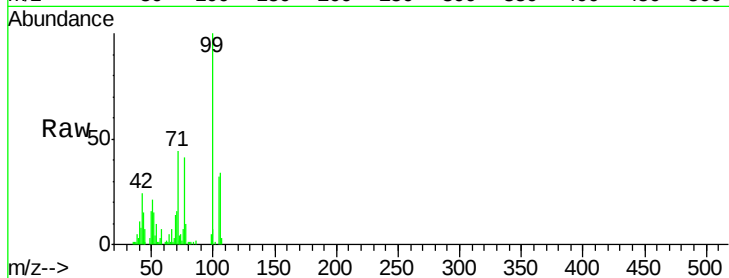
Tot Ion: 77 Resp: 30790

Ion Ratio Lower Upper

77 100

105 77.7 71.3 111.3

106 82.1 64.2 104.2



#10

Phenol

Concen: 37.165 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

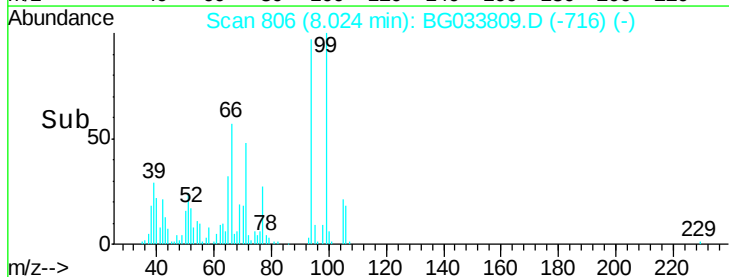
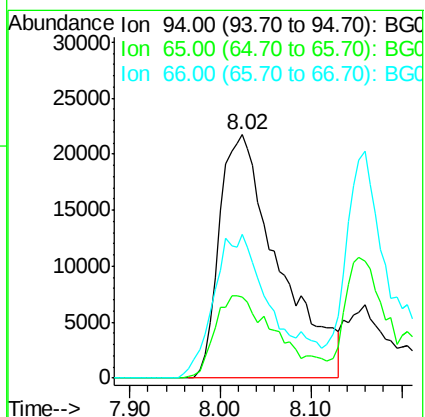
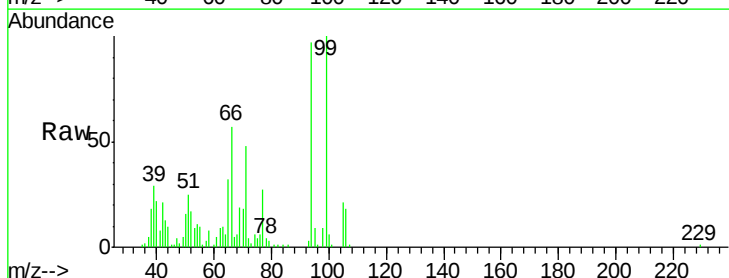
Tgt Ion: 94 Resp: 98906

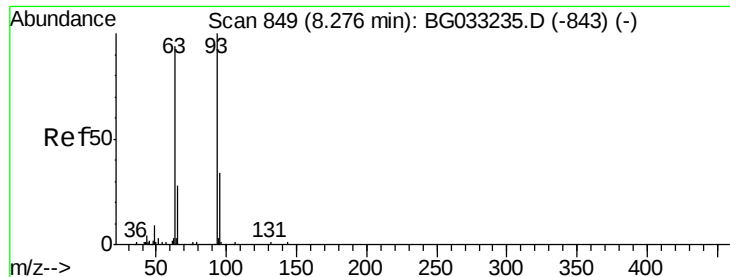
Ion Ratio Lower Upper

94 100

65 33.1 11.9 51.9

66 59.3 22.2 62.2

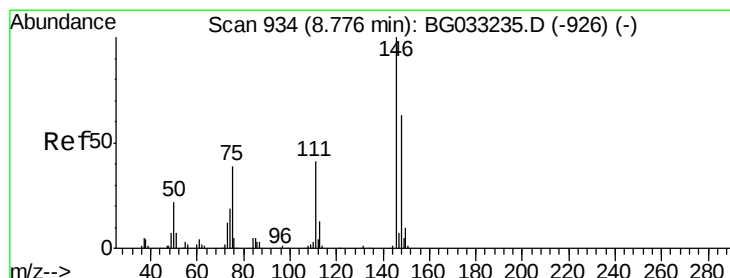
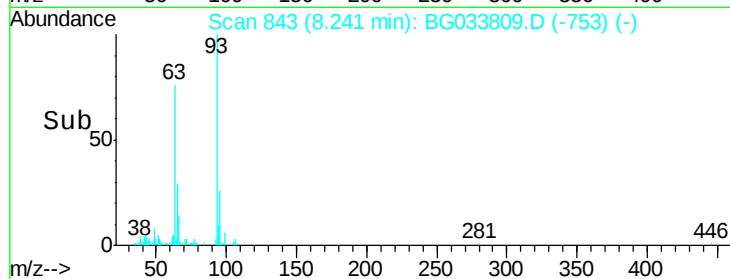
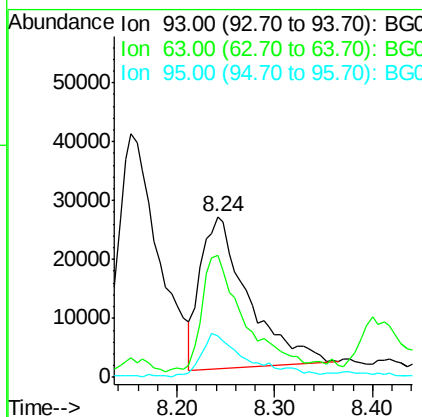
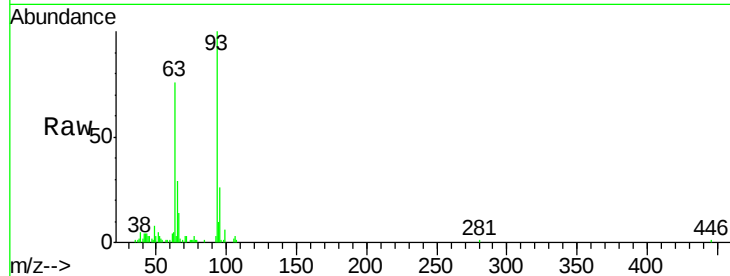




#11
 bis(2-Chloroethyl)ether
 Concen: 40.477 ng
 RT: 8.24 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

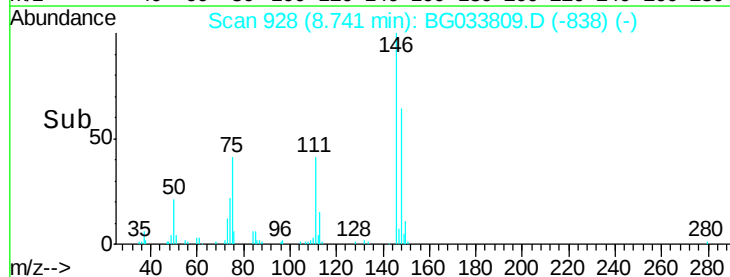
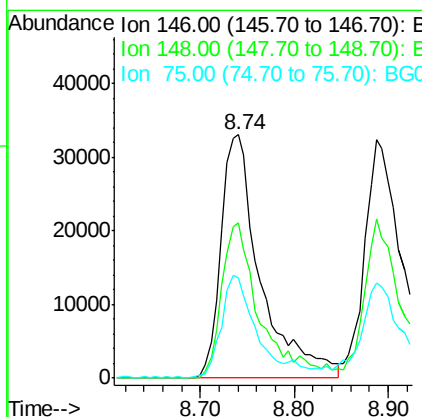
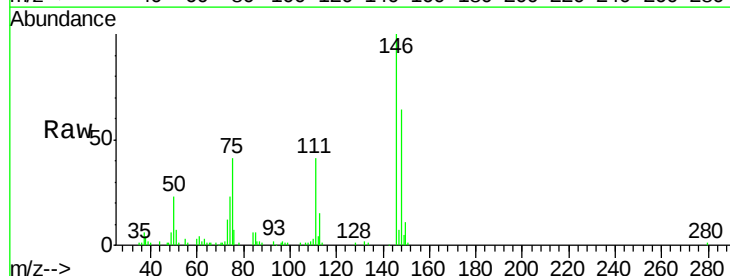
Instrument :
 BNA_G
 ClientSampleId :

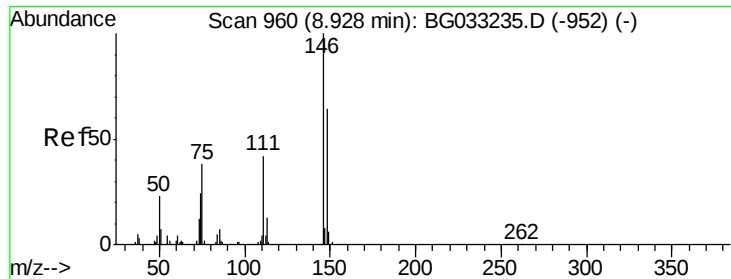
Tot Ion: 93 Resp: 87924
 Ion Ratio Lower Upper
 93 100
 63 75.8 67.1 107.1
 95 25.8 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 41.255 ng
 RT: 8.74 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

Tgt Ion: 146 Resp: 96730
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.2
 75 41.2 26.6 39.8#

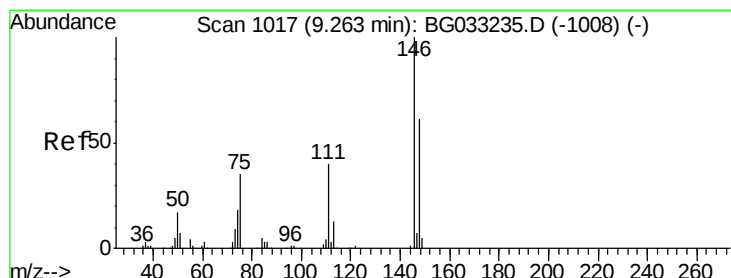
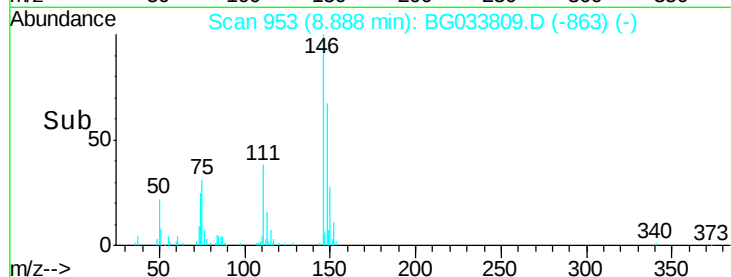
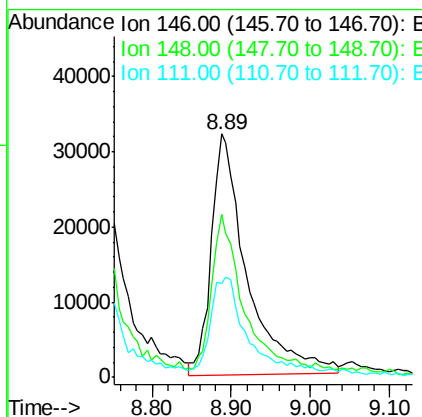
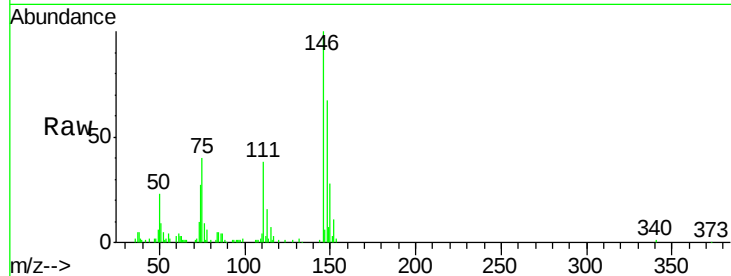




#13
 1,4-Dichlorobenzene
 Concen: 42.407 ng
 RT: 8.89 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

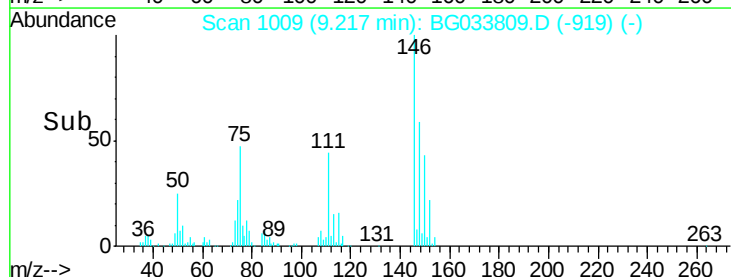
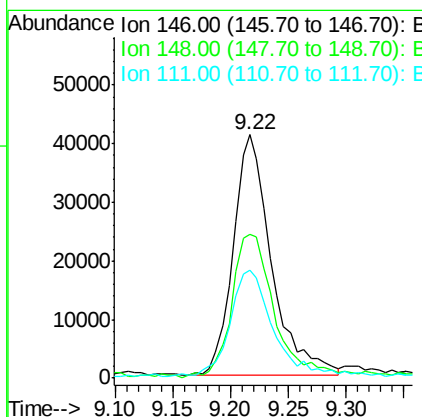
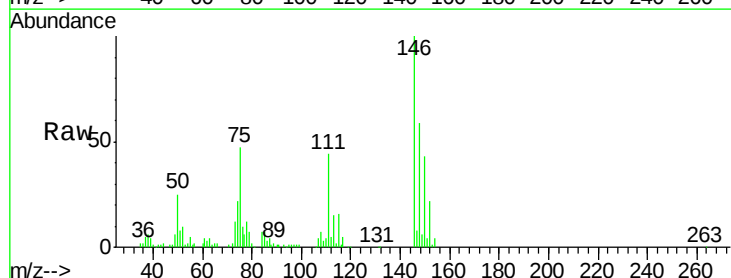
Instrument :
 BNA_G
 ClientSampleId :

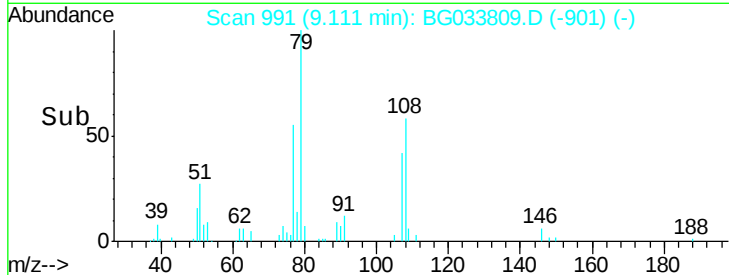
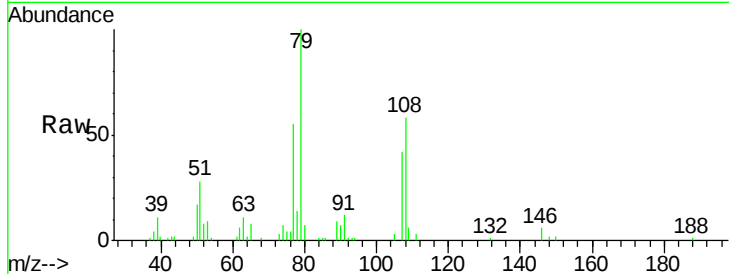
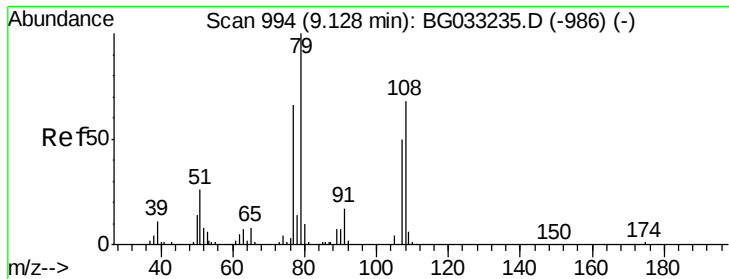
Tot Ion:146 Resp: 99580
 Ion Ratio Lower Upper
 146 100
 148 66.9 53.7 80.5
 111 38.4 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 41.386 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

Tgt Ion:146 Resp: 94849
 Ion Ratio Lower Upper
 146 100
 148 59.1 49.3 73.9
 111 44.4 34.3 51.5

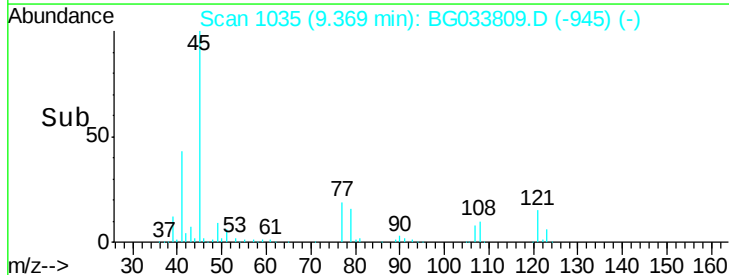
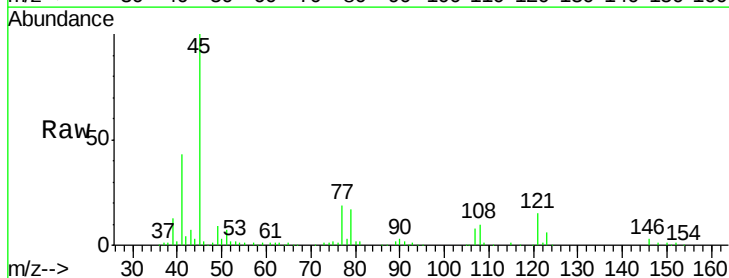
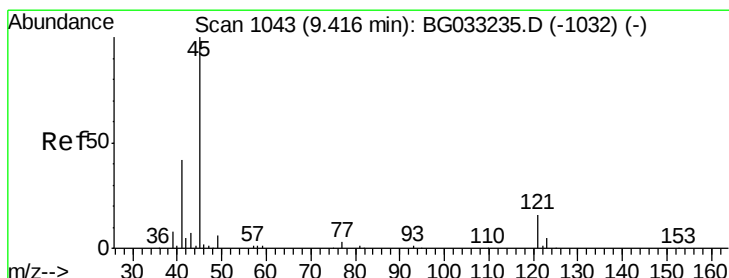
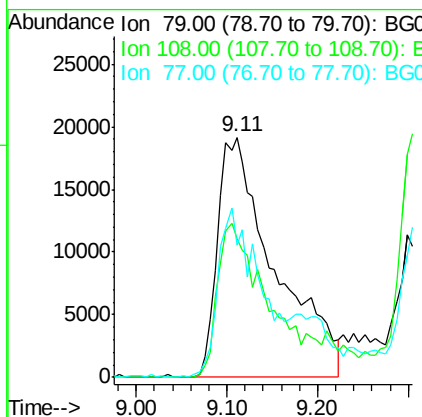




#15
Benzyl Alcohol
Concen: 39.579 ng
RT: 9.11 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

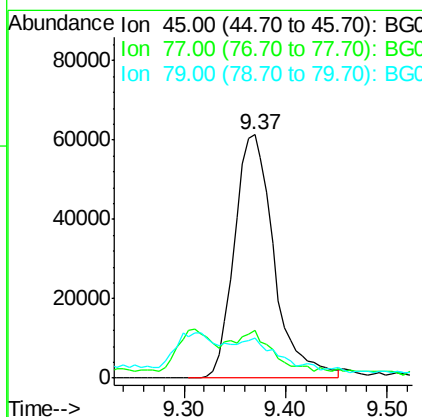
Instrument :
BNA_G
ClientSampleId :

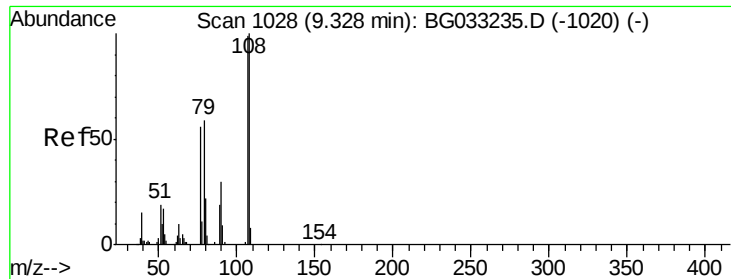
Tot Ion	Ratio	Lower	Upper
79	100		
108	57.6	57.2	85.8
77	55.3	46.1	69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.022 ng
RT: 9.37 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.4	0.0	30.2
79	16.7	0.0	27.9





#17

2-Methylphenol

Concen: 33.675 ng

RT: 9.31 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BG033809.D

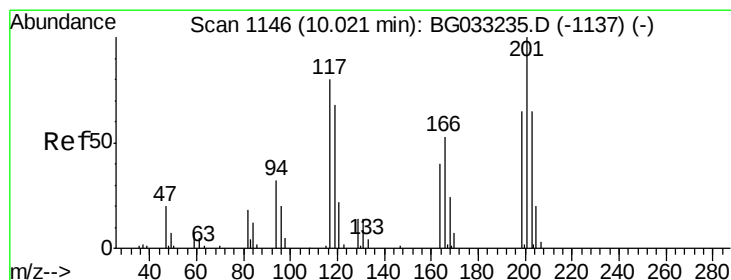
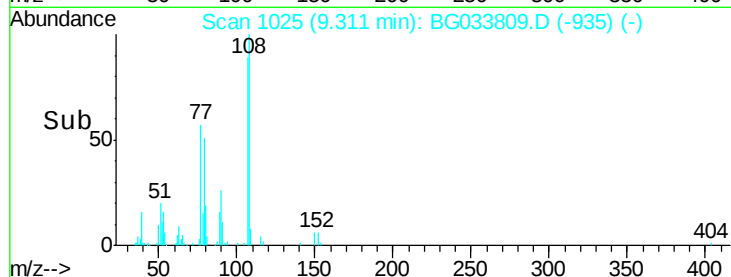
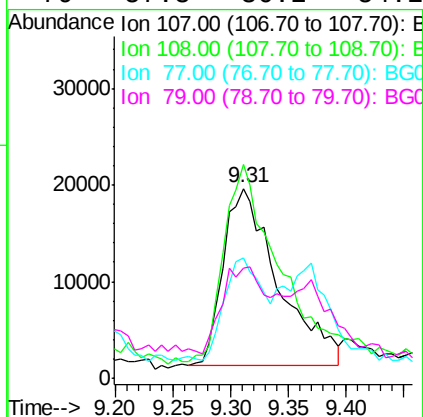
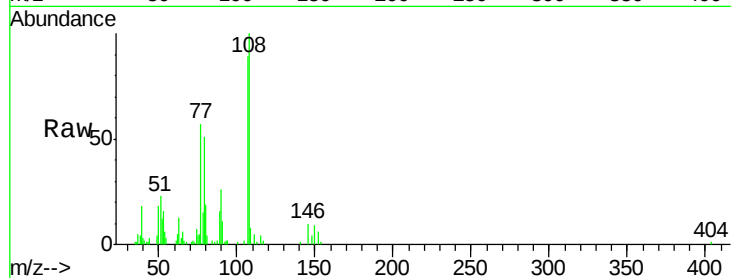
Acq: 16 Apr 2018 10:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	61050
Ion	Ratio	Lower	Upper
107	100		
108	112.5	83.9	125.9
77	63.6	37.2	55.8#
79	57.8	36.2	54.2#



#18

Hexachloroethane

Concen: 43.296 ng

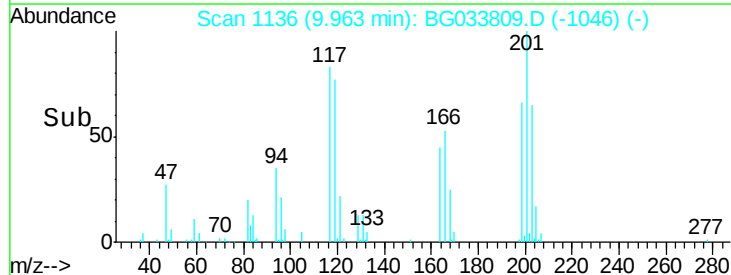
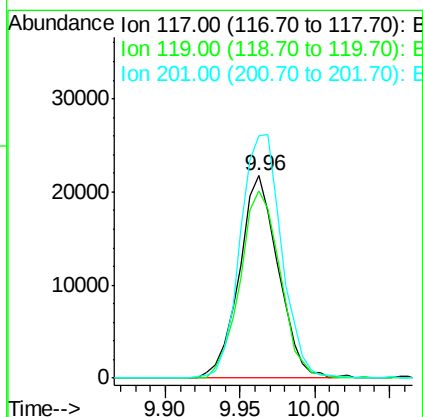
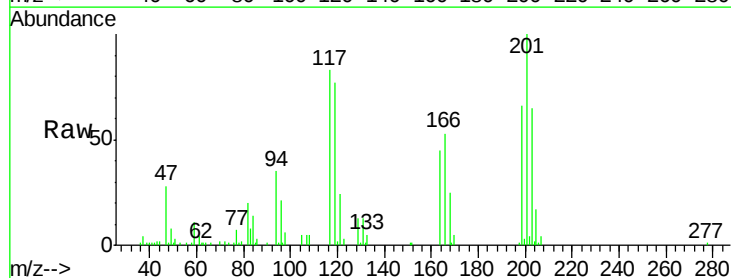
RT: 9.96 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

Tgt Ion:	117	Resp:	39239
Ion	Ratio	Lower	Upper
117	100		
119	92.9	76.7	115.1
201	120.2	95.7	143.5

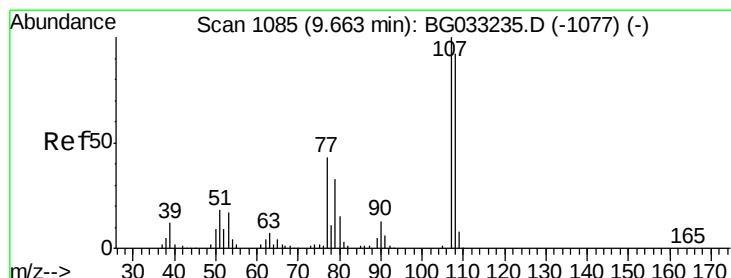
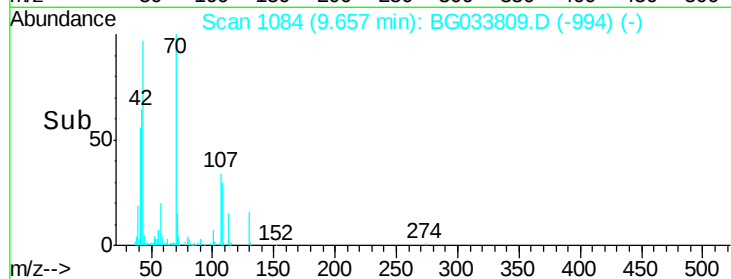
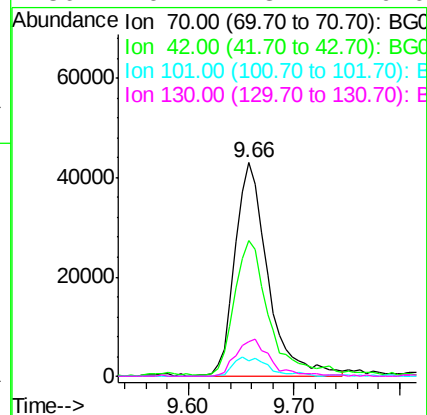
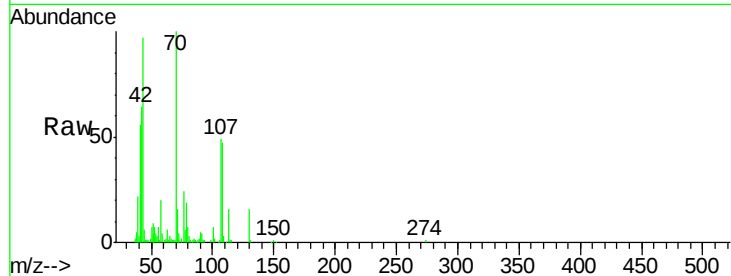




#19
n-Nitroso-di-n-propylamine
Concen: 47.185 ng
RT: 9.66 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

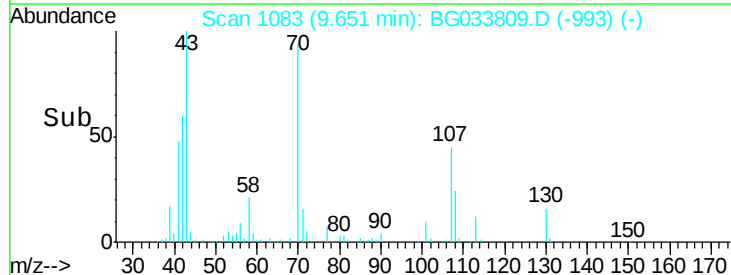
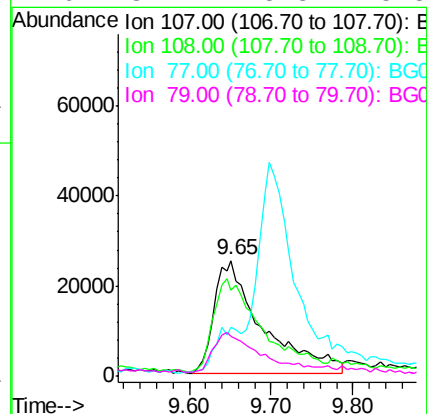
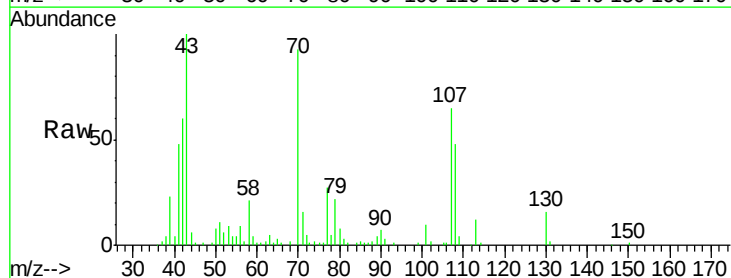
Instrument :
BNA_G
ClientSampleId :

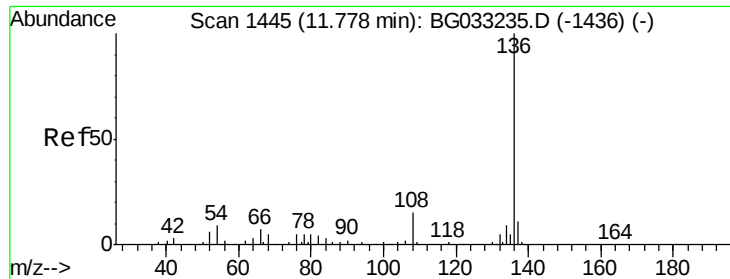
Tot Ion:	70	Resp:	93196
Ion	Ratio	Lower	Upper
70	100		
42	63.6	49.1	73.7
101	7.4	8.5	12.7#
130	16.4	13.4	20.0



#20
3+4-Methylphenols
Concen: 40.048 ng
RT: 9.65 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Tgt Ion:	107	Resp:	103374
Ion	Ratio	Lower	Upper
107	100		
108	74.1	61.6	101.6
77	42.3	13.9	53.9
79	34.7	8.8	48.8

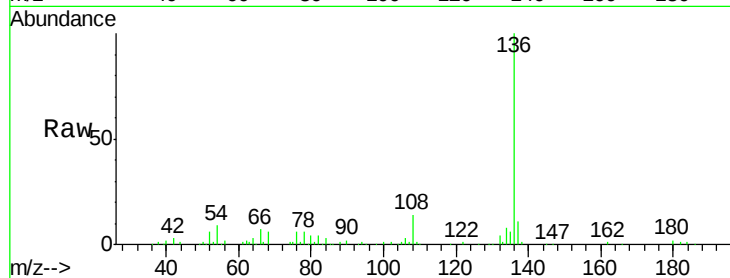




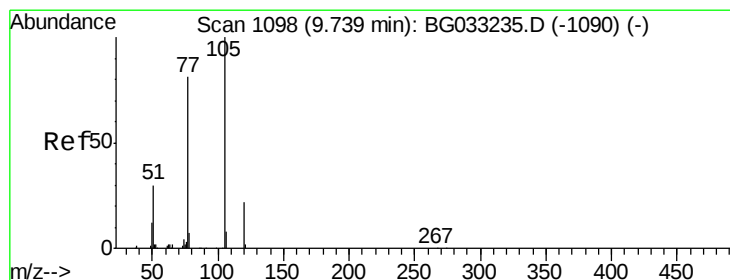
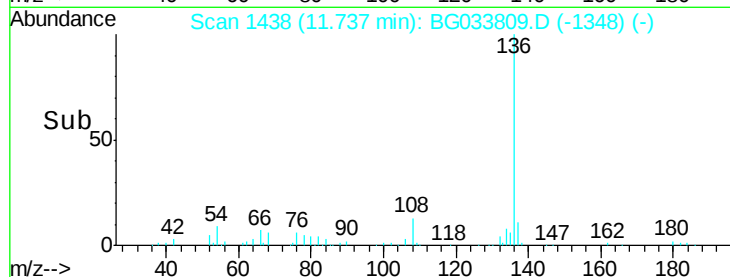
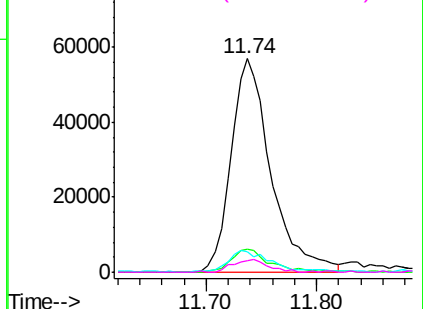
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	143877
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	9.4	10.3 15.5#
68	5.5	4.5 6.7

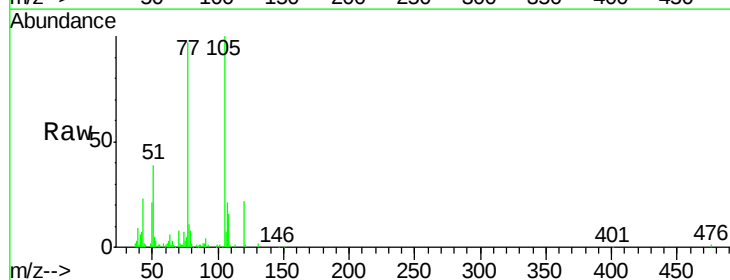


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

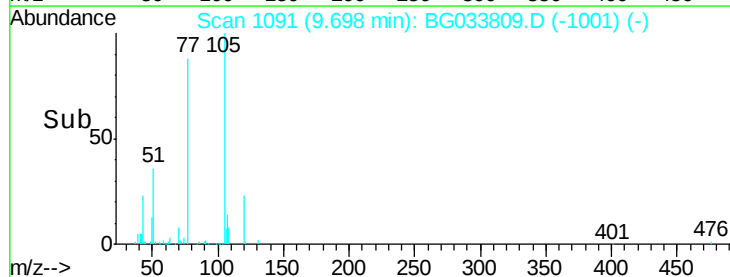
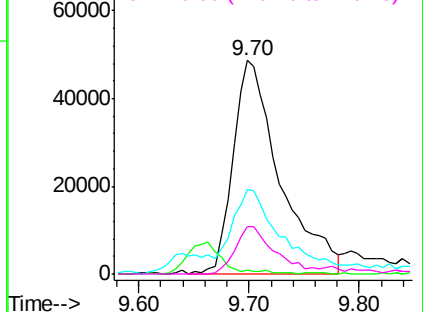


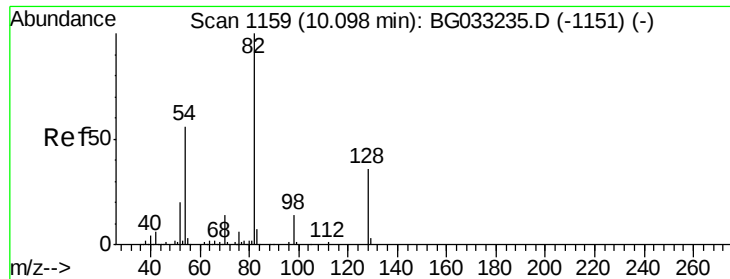
#22
Acetophenone
Concen: 36.828 ng
RT: 9.70 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Tgt Ion:105	Resp:	145165
Ion Ratio	Lower	Upper
105	100	
71	2.0	3.0 4.4#
51	39.4	26.1 39.1#
120	22.4	17.4 26.2



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

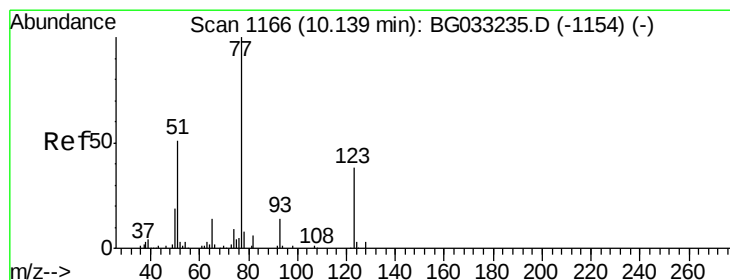
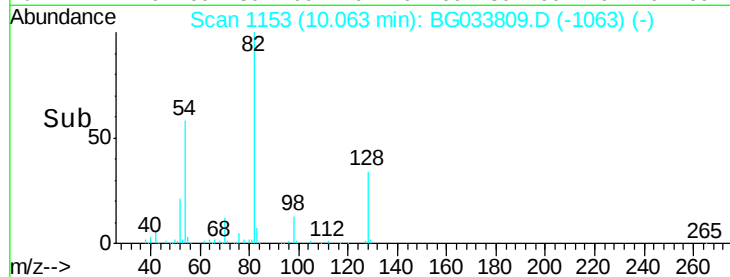
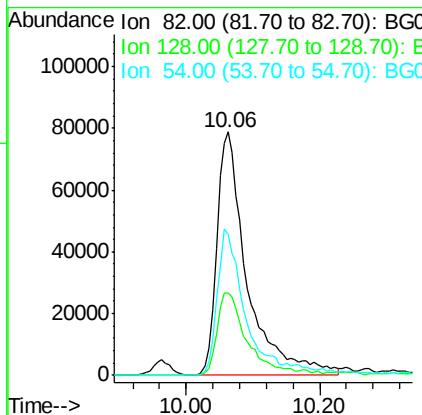
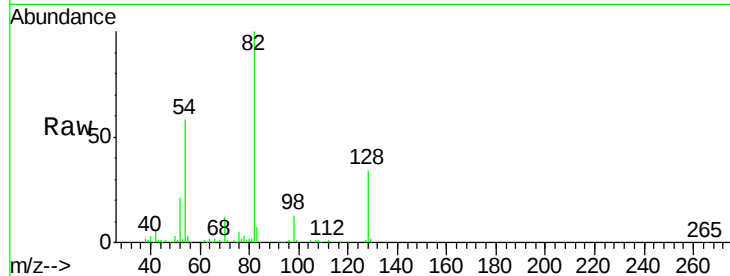




#23
 Nitrobenzene-d5
 Concen: 80.061 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

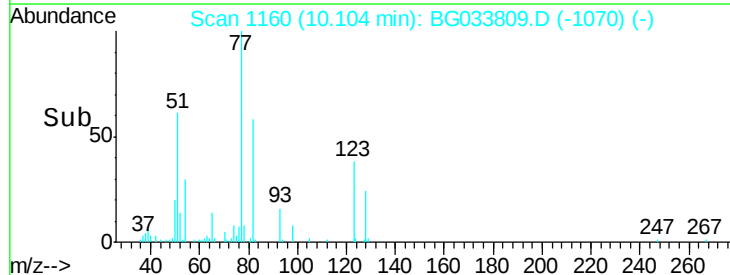
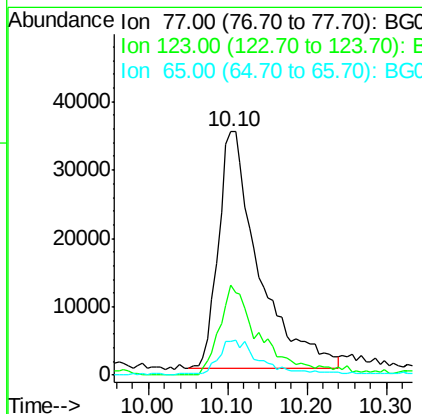
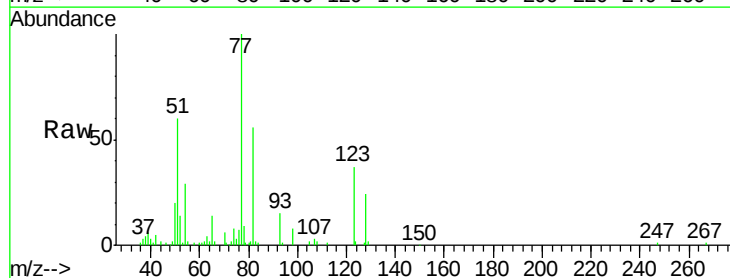
Instrument :
 BNA_G
 ClientSampled :

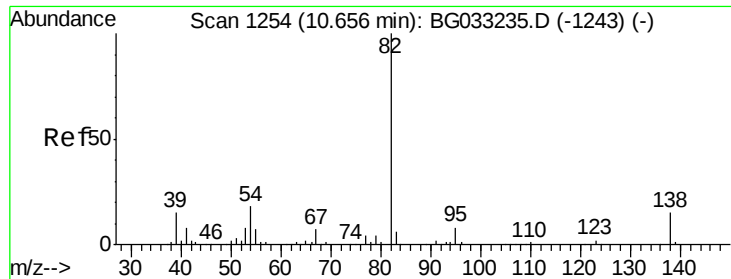
Tot Ion	82	Resp	250717
Ion Ratio	Lower	Upper	
82	100		
128	33.8	29.7	44.5
54	57.8	43.1	64.7



#24
 Nitrobenzene
 Concen: 36.208 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

Tgt Ion	77	Resp	121366
Ion Ratio	Lower	Upper	
77	100		
123	36.8	33.0	49.6
65	14.1	13.0	19.6

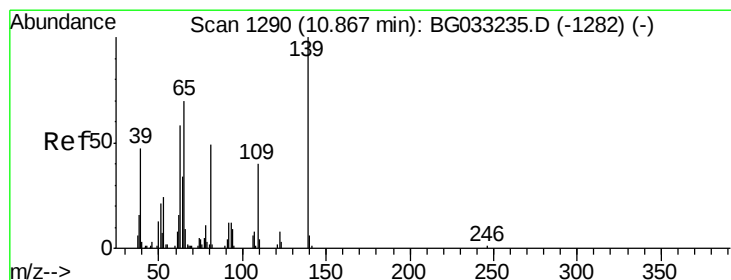
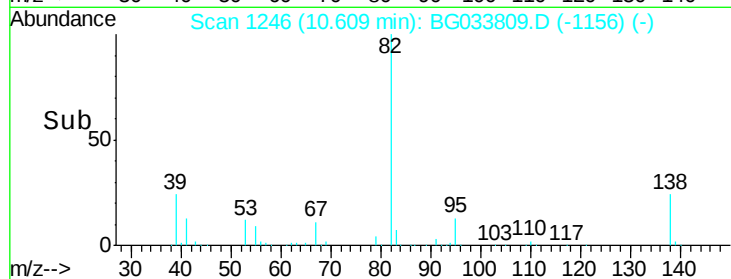
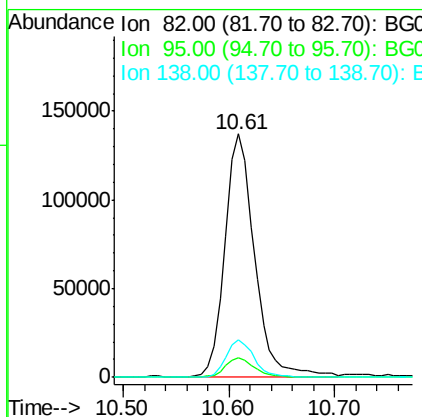
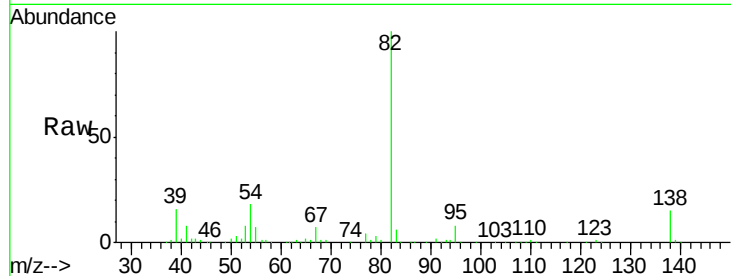




#25
Isophorone
Concen: 43.464 ng
RT: 10.61 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

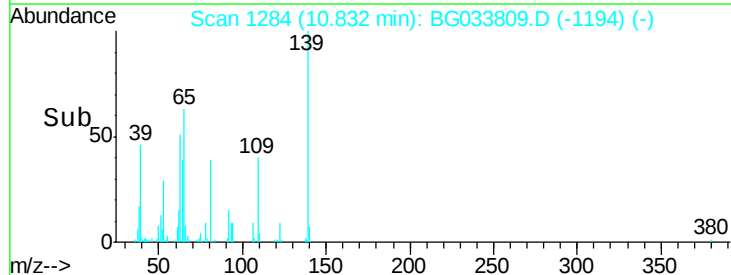
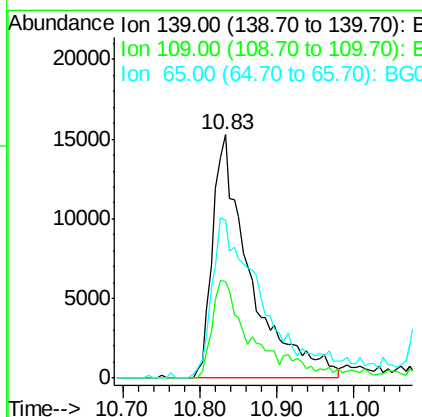
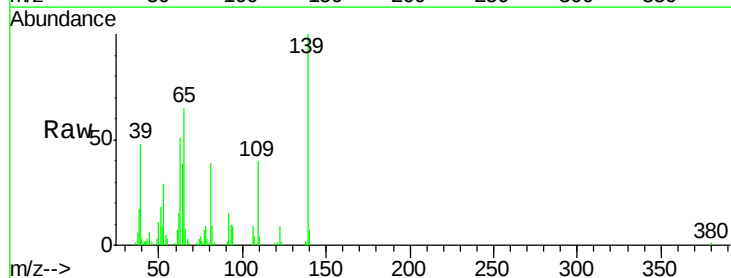
Instrument :
BNA_G
ClientSampleId :

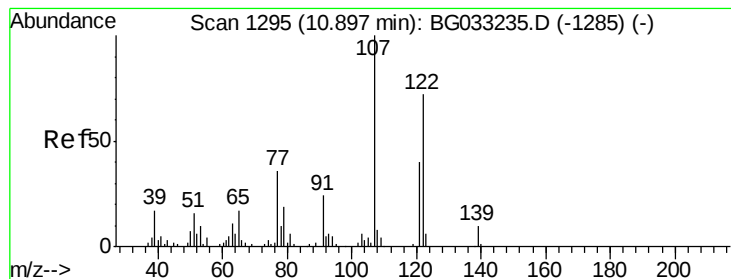
Tot Ion: 82 Resp: 264171
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.2
138 15.4 12.1 18.1



#26
2-Nitrophenol
Concen: 40.826 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Tgt Ion: 139 Resp: 51809
Ion Ratio Lower Upper
139 100
109 39.8 24.2 36.2#
65 65.1 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 37.702 ng

RT: 10.87 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

Instrument :

BNA_G

ClientSampleId :

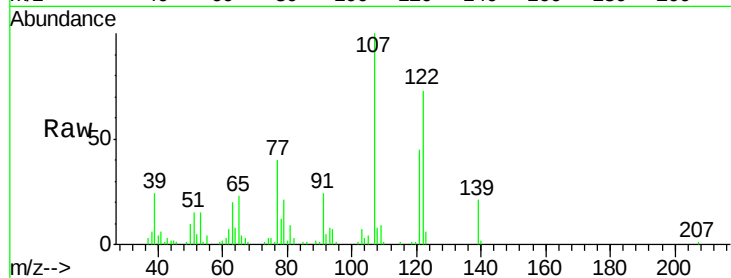
Tot Ion:122 Resp: 69504

Ion Ratio Lower Upper

122 100

107 137.8 100.2 150.2

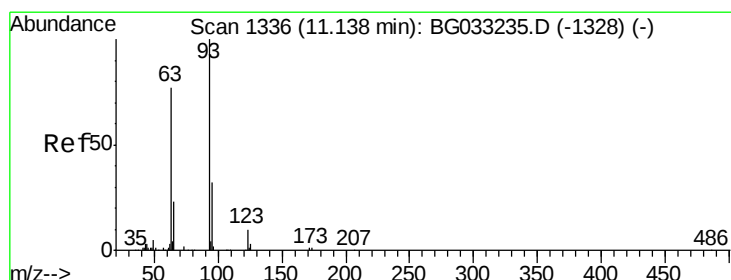
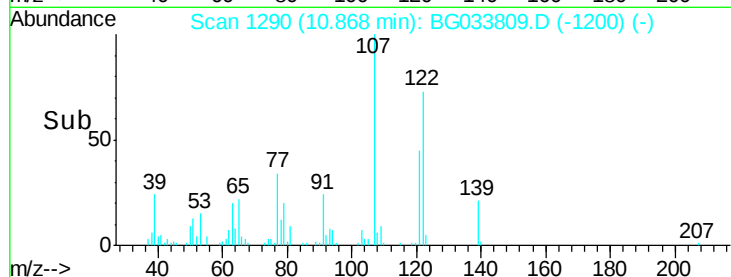
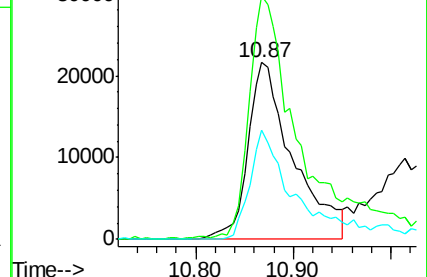
121 61.7 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.087 ng

RT: 11.10 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

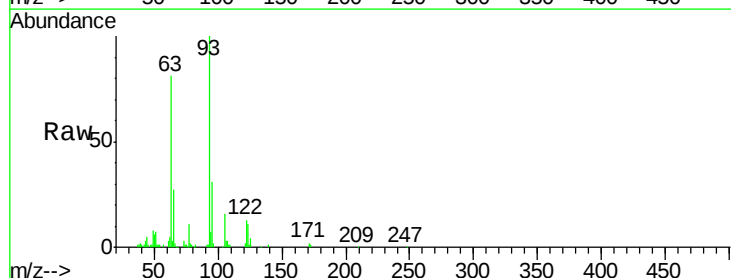
Tgt Ion: 93 Resp: 115500

Ion Ratio Lower Upper

93 100

95 30.8 24.3 36.5

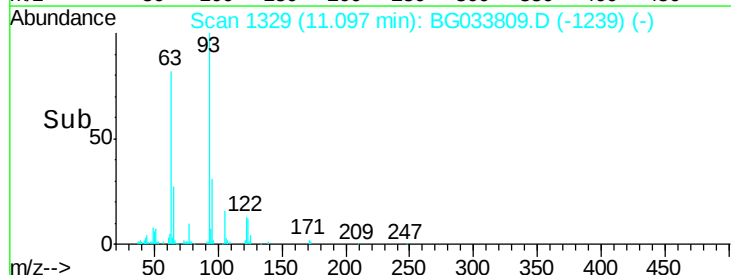
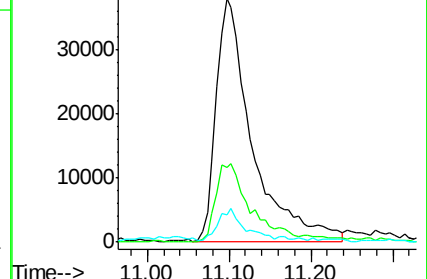
123 11.5 8.4 12.6

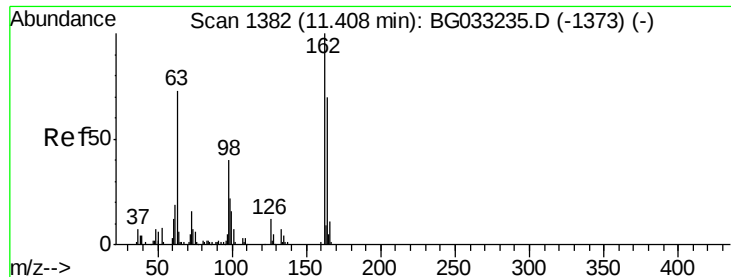


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

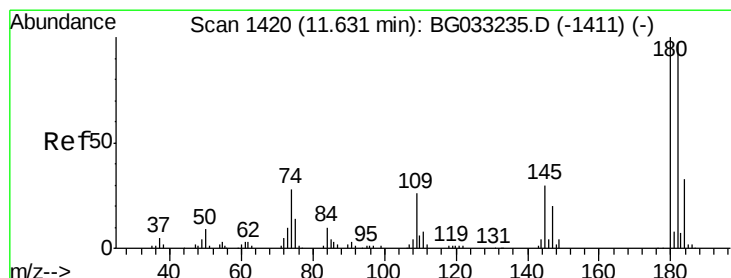
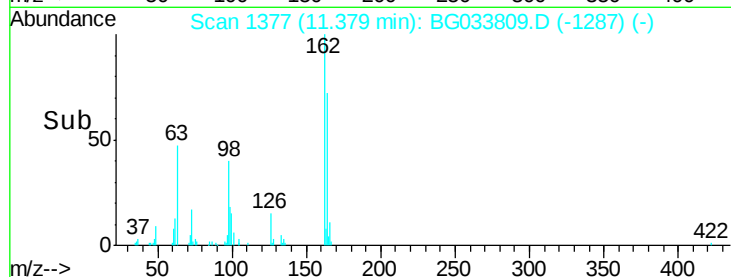
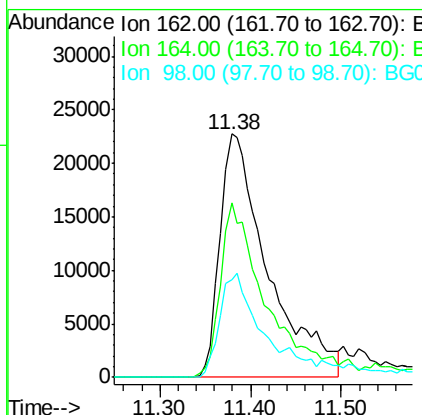
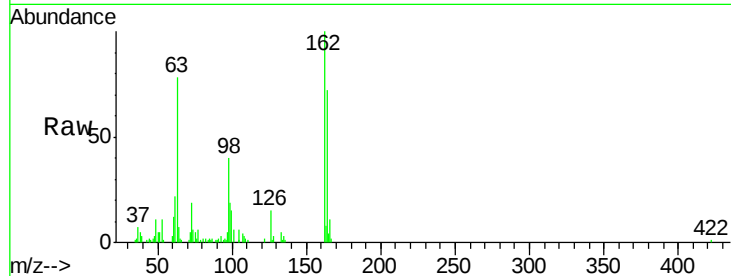




#29
2,4-Dichlorophenol
Concen: 36.851 ng
RT: 11.38 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

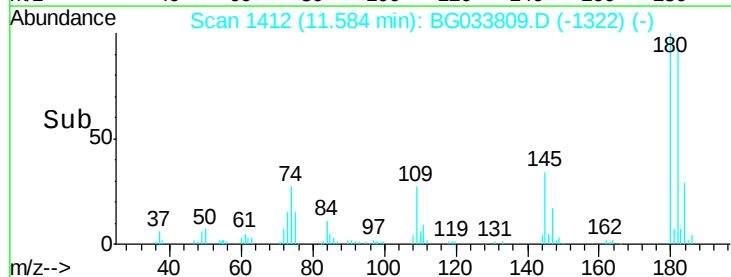
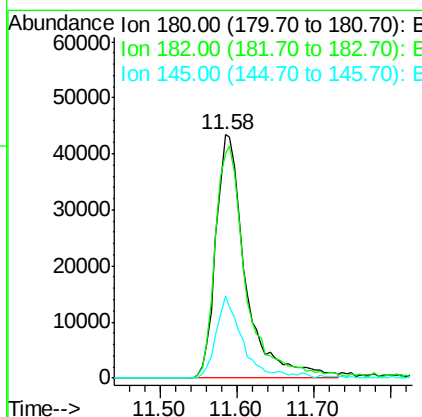
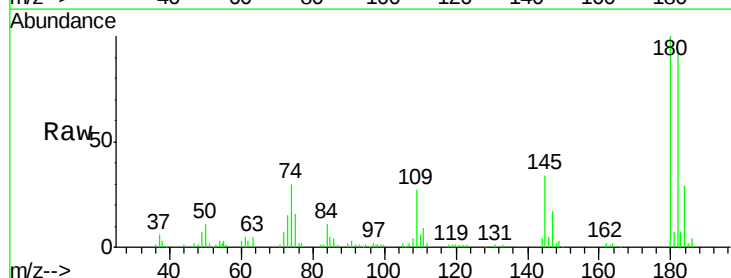
Instrument :
BNA_G
ClientSampleId :

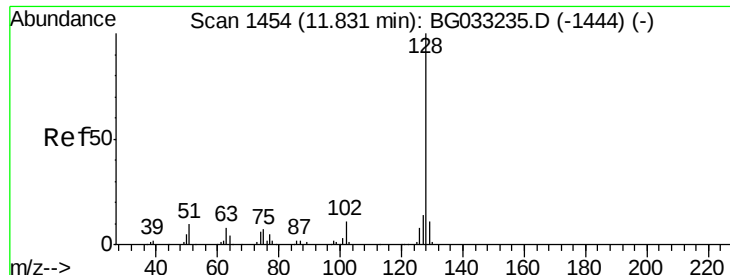
Tot Ion:162 Resp: 83547
Ion Ratio Lower Upper
162 100
164 71.8 48.0 88.0
98 40.1 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 39.462 ng
RT: 11.58 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Tgt Ion:180 Resp: 116238
Ion Ratio Lower Upper
180 100
182 92.3 77.5 116.3
145 34.0 23.4 35.2

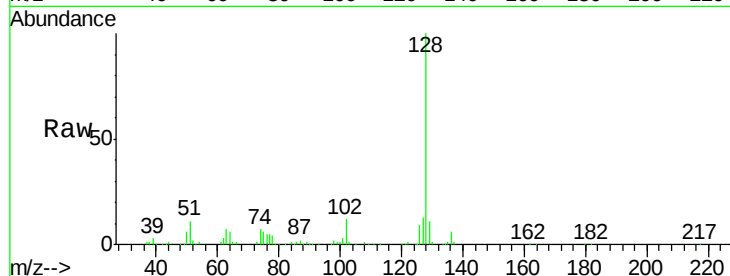




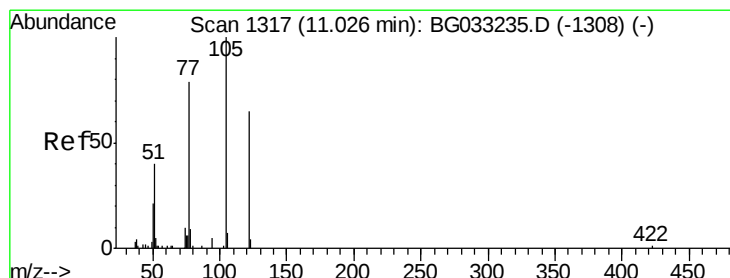
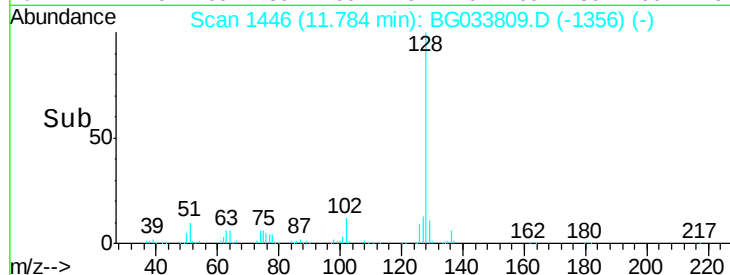
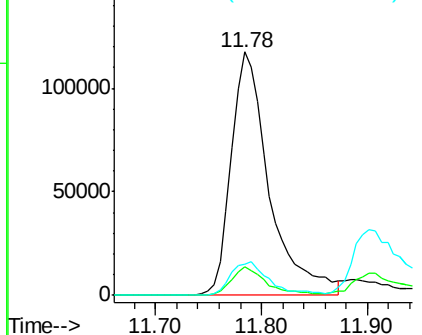
#31
Naphthalene
Concen: 39.438 ng
RT: 11.78 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 294043
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 12.8 11.6 17.4

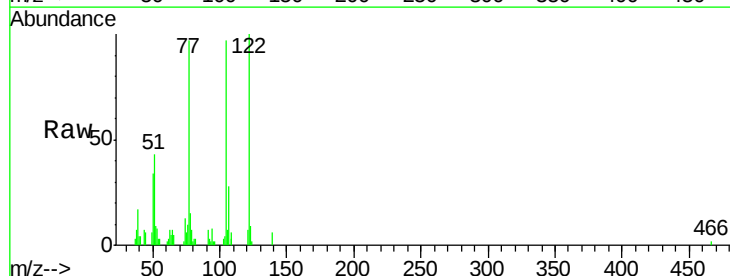


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

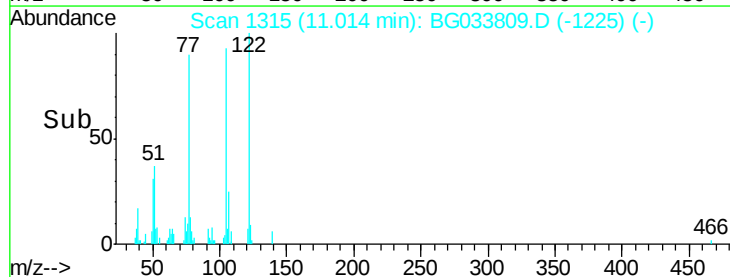
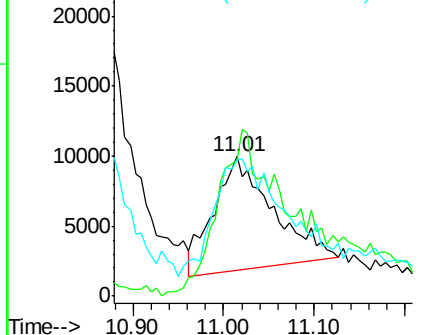


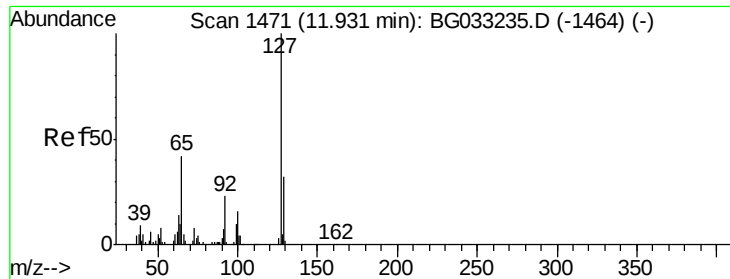
#32
Benzoic acid
Concen: 21.373 ng
RT: 11.01 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Tgt Ion:122 Resp: 36628
Ion Ratio Lower Upper
122 100
105 97.3 123.5 163.5#
77 96.9 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

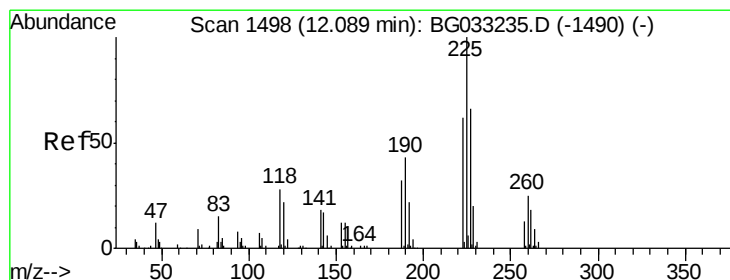
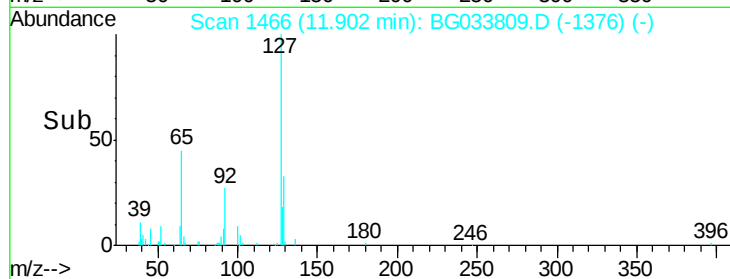
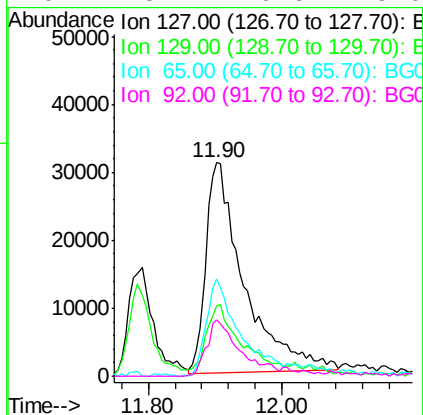
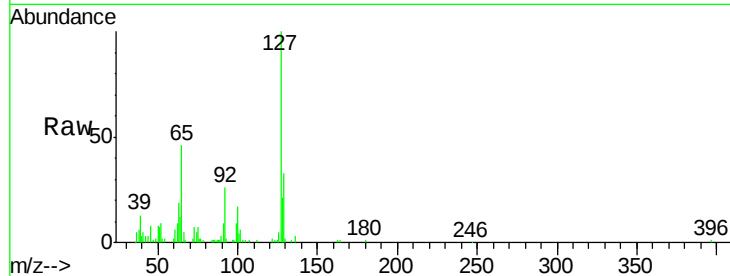




#33
4-Chloroaniline
Concen: 36.947 ng
RT: 11.90 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

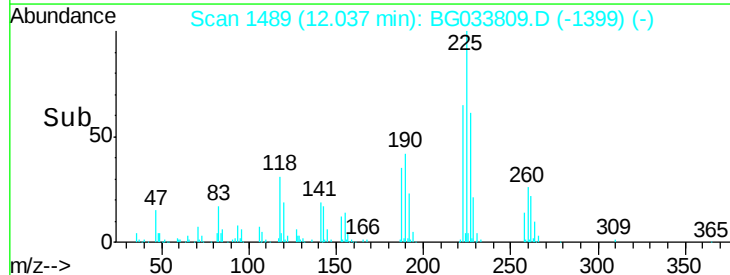
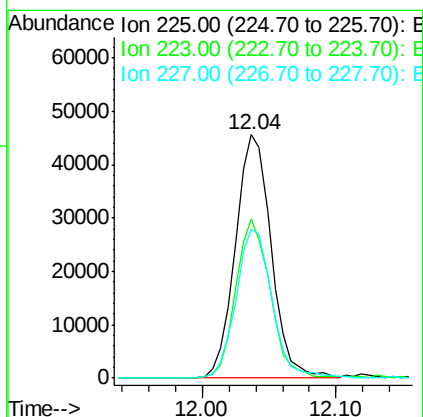
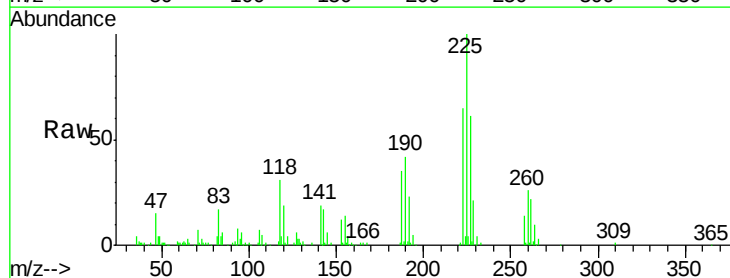
Instrument :
BNA_G
ClientSampled :

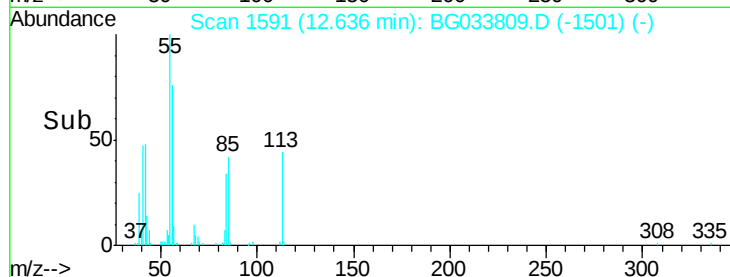
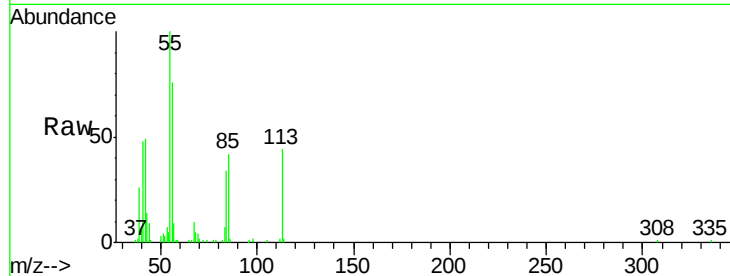
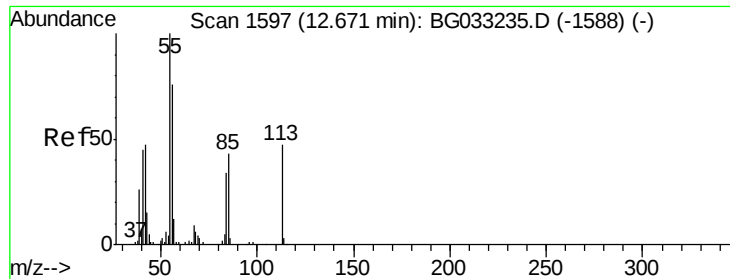
Tot Ion:	127	Resp:	123415
Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.0	36.0
65	45.8	27.0	40.4#
92	26.4	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 37.895 ng
RT: 12.04 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Tgt Ion:	225	Resp:	84411
Ion	Ratio	Lower	Upper
225	100		
223	65.3	49.7	74.5
227	61.2	48.1	72.1

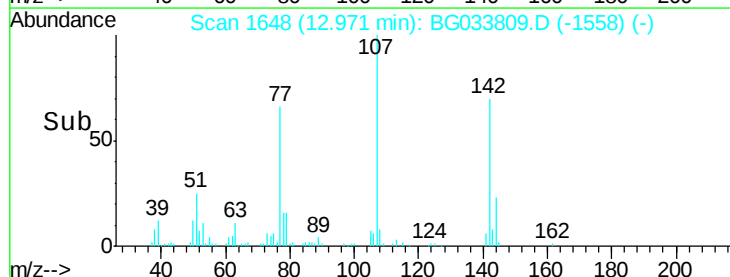
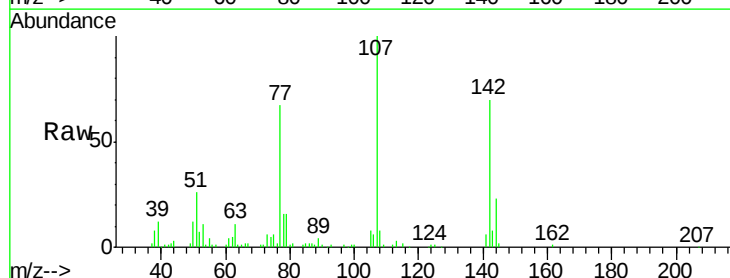
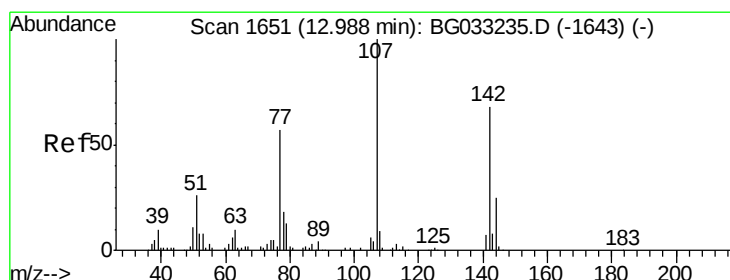
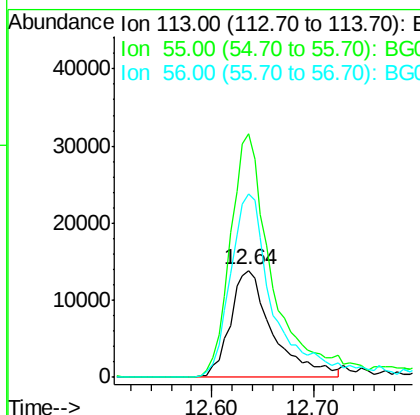




#35
Caprolactam
Concen: 45.455 ng
RT: 12.64 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

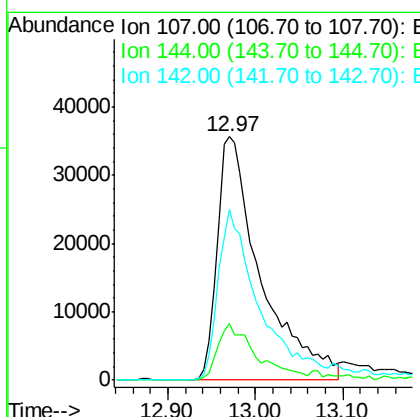
Instrument :
BNA_G
ClientSampleId :

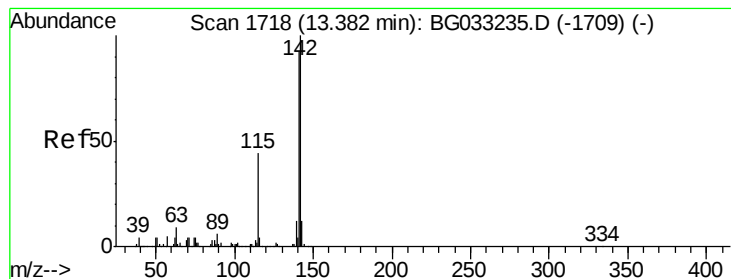
Tot Ion:113 Resp: 40373
Ion Ratio Lower Upper
113 100
55 227.3 186.9 226.9#
56 171.7 130.9 170.9#



#36
4-Chloro-3-methylphenol
Concen: 41.263 ng
RT: 12.97 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Tgt Ion:107 Resp: 122013
Ion Ratio Lower Upper
107 100
144 23.2 18.2 27.4
142 70.2 59.0 88.4





#37

2-Methylnaphthalene

Concen: 40.174 ng

RT: 13.34 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

Instrument :

BNA_G

ClientSampleId :

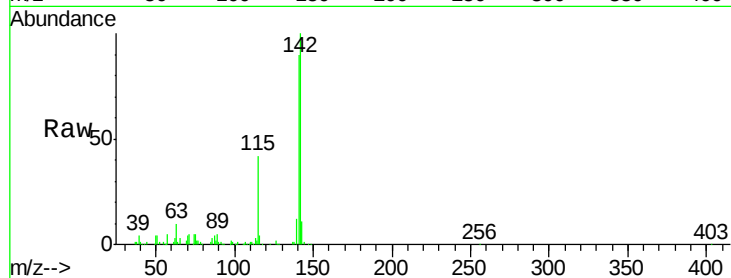
Tot Ion:142 Resp: 232485

Ion Ratio Lower Upper

142 100

141 90.1 67.1 100.7

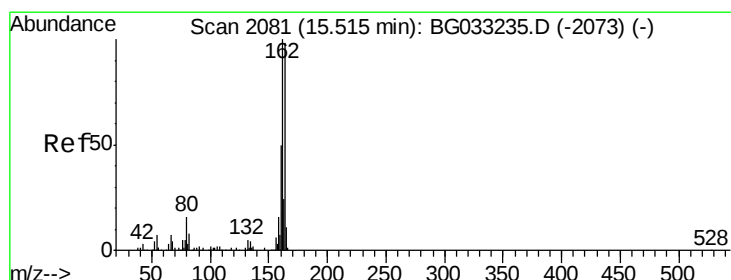
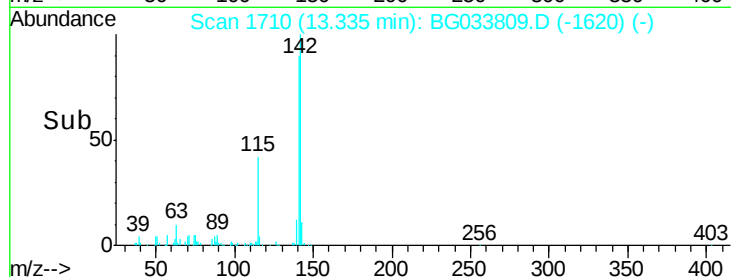
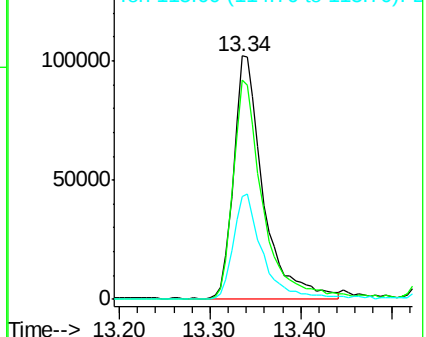
115 42.2 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

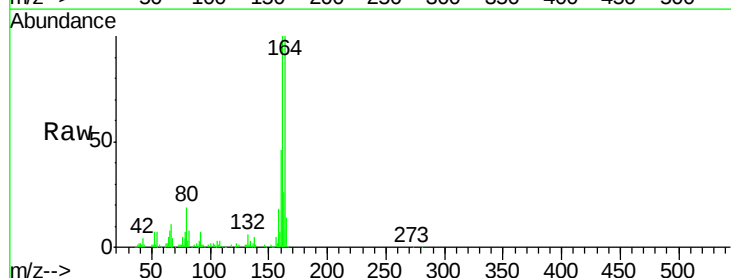
Tgt Ion:164 Resp: 120914

Ion Ratio Lower Upper

164 100

162 99.7 78.8 118.2

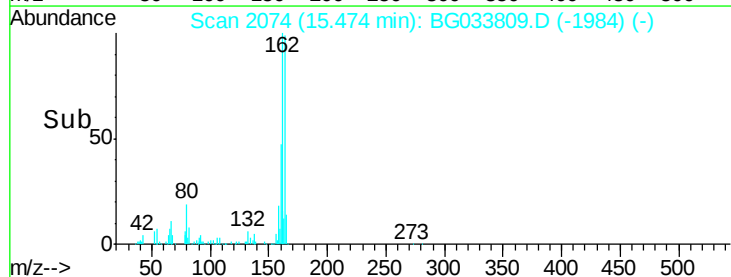
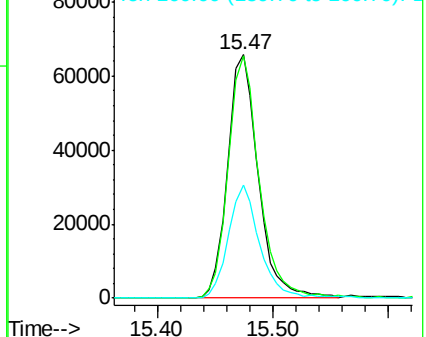
160 46.4 35.4 53.0

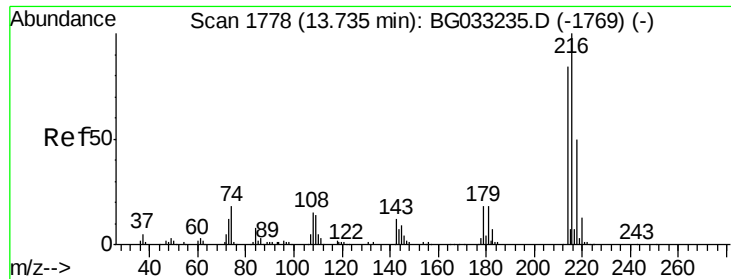


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.914 ng

RT: 13.69 min Scan# 1771

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 161675

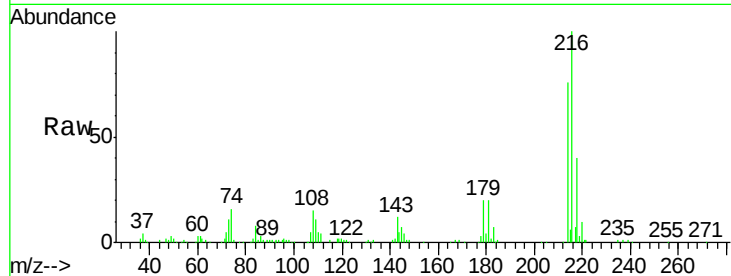
Ion Ratio Lower Upper

216 100

214 77.0 63.0 94.4

179 19.6 17.0 25.6

108 16.5 12.8 19.2

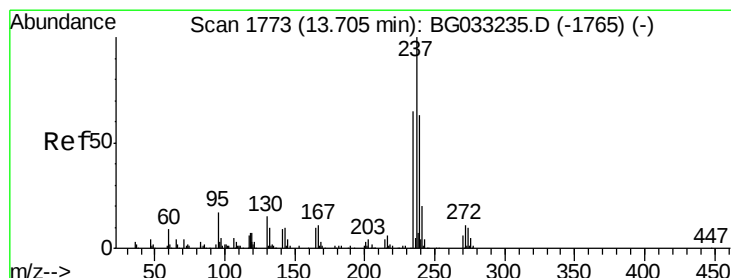
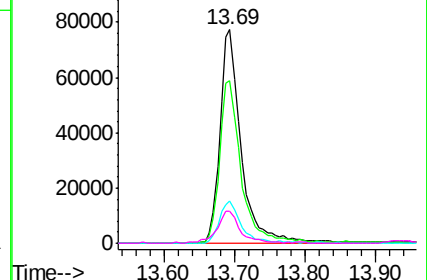
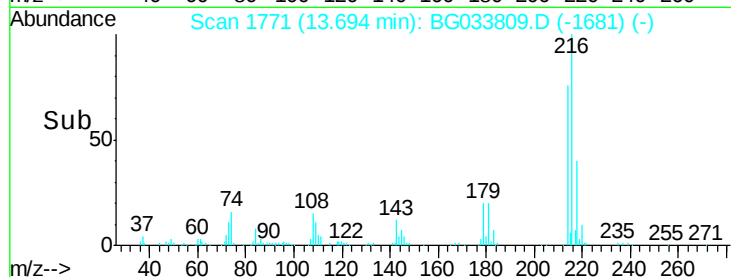


Abundance Ion 216.00 (215.70 to 216.70): E

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: 27.315 ng

RT: 13.66 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

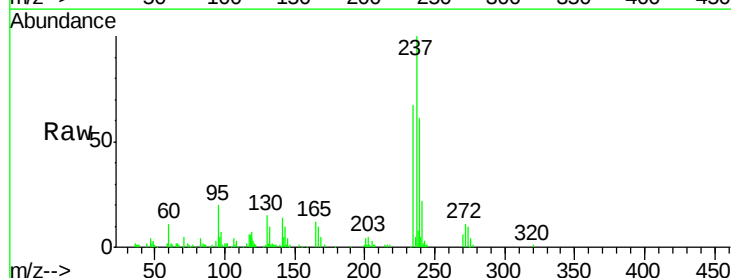
Tgt Ion:237 Resp: 70134

Ion Ratio Lower Upper

237 100

235 67.1 50.4 90.4

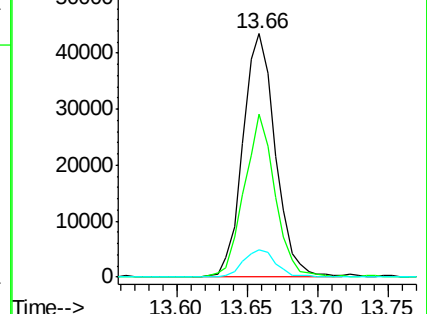
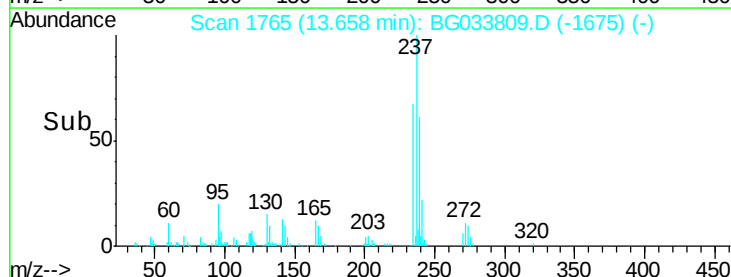
272 11.1 0.0 31.8

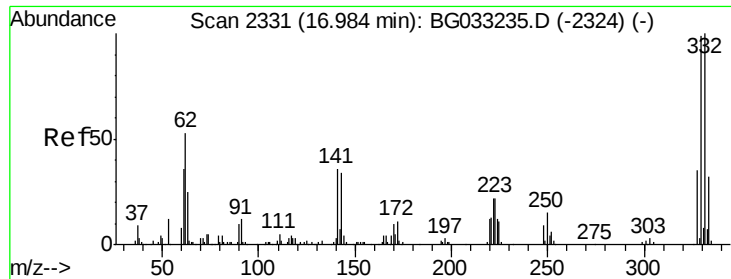


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

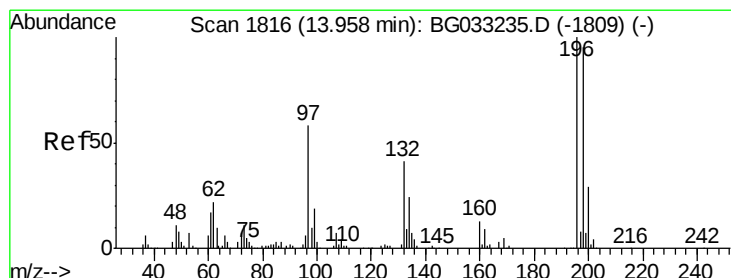
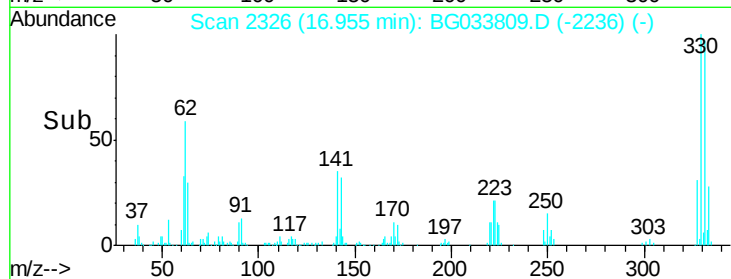
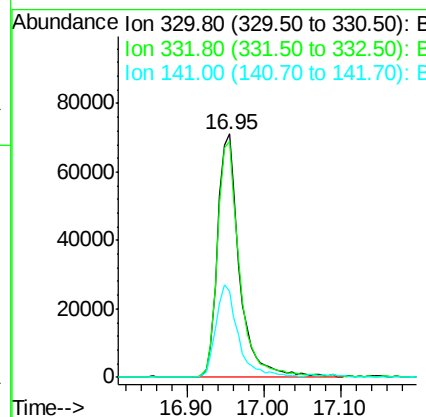
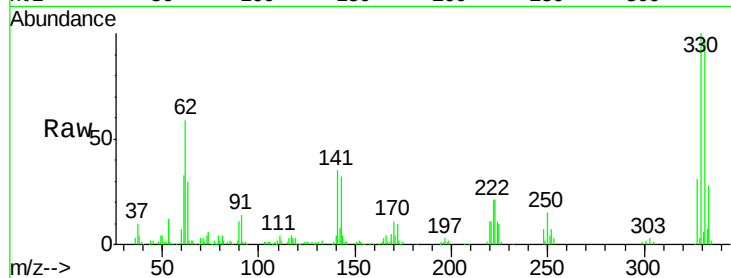




#41
 2,4,6-Tribromophenol
 Concen: 77.364 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

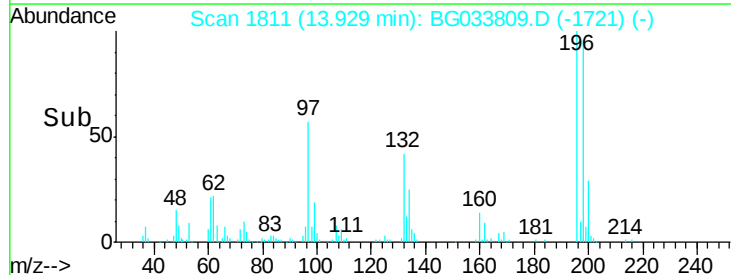
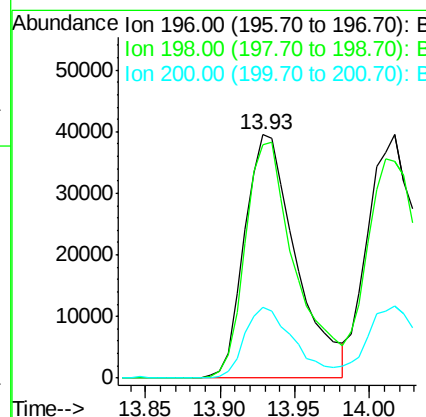
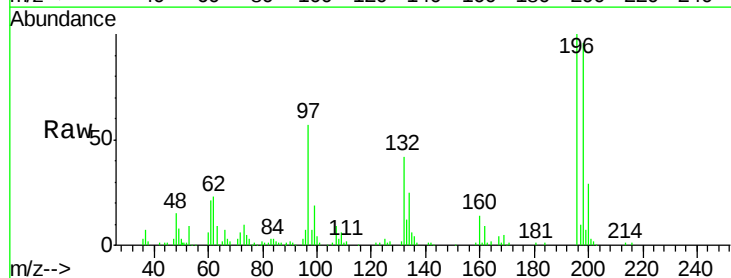
Instrument :
 BNA_G
 ClientSampled :

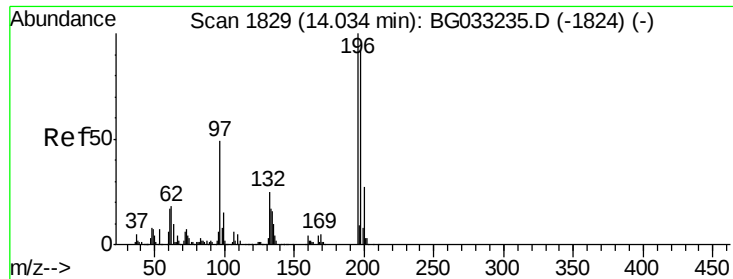
Tot Ion:330 Resp: 139905
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 38.6 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 37.204 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

Tgt Ion:196 Resp: 94672
 Ion Ratio Lower Upper
 196 100
 198 95.8 78.2 117.2
 200 29.0 24.6 36.8

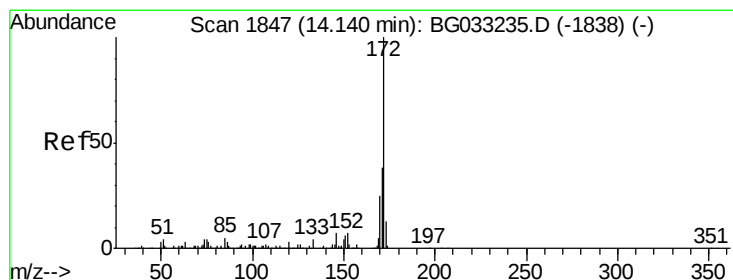
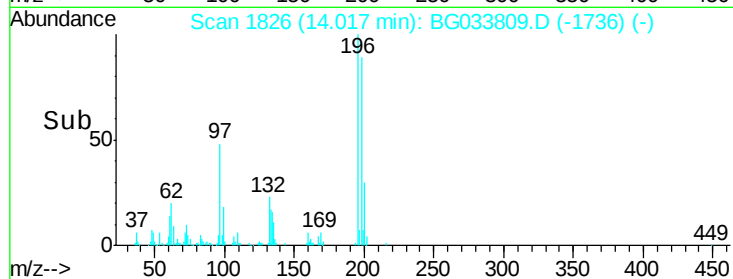
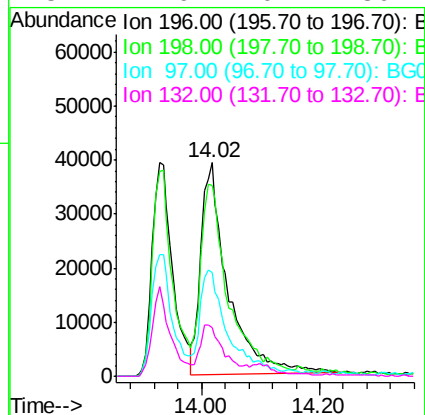
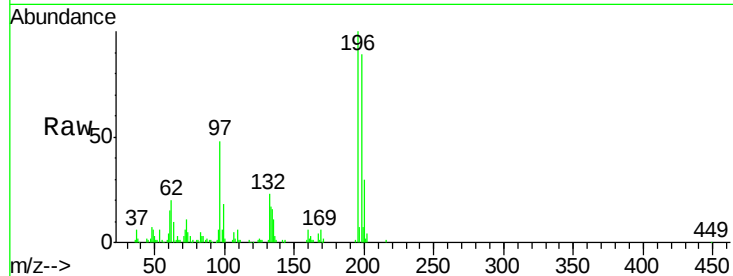




#43
 2,4,5-Trichlorophenol
 Concen: 41.850 ng
 RT: 14.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

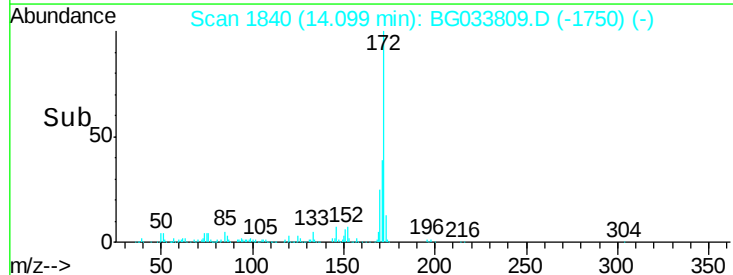
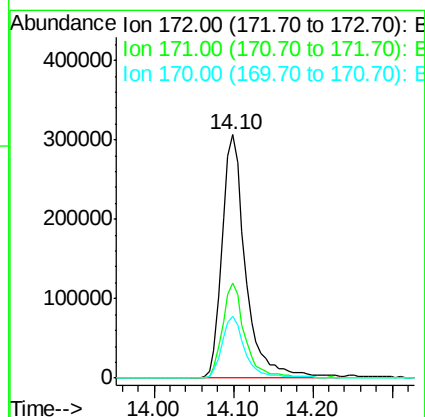
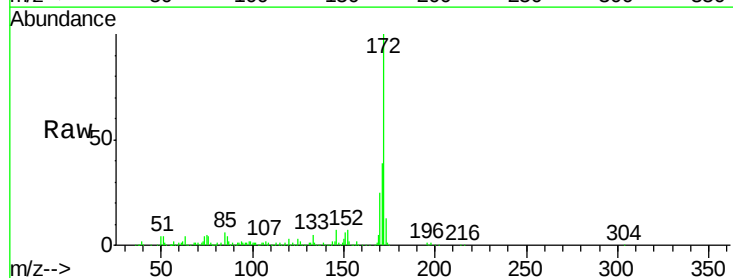
Instrument :
 BNA_G
 ClientSampleId :

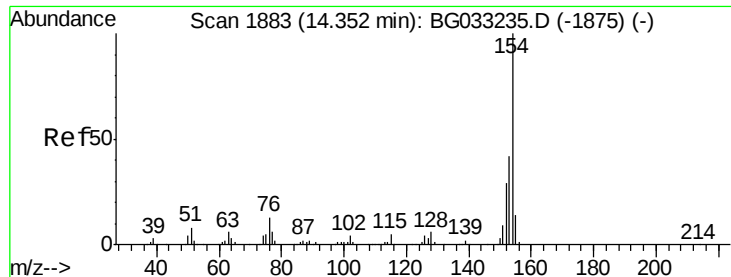
Tot Ion:196 Resp: 125876
 Ion Ratio Lower Upper
 196 100
 198 89.4 76.2 114.4
 97 48.4 38.7 58.1
 132 22.9 20.2 30.2



#44
 2-Fluorobiphenyl
 Concen: 75.692 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

Tgt Ion:172 Resp: 633970
 Ion Ratio Lower Upper
 172 100
 171 39.2 30.0 45.0
 170 25.3 19.5 29.3

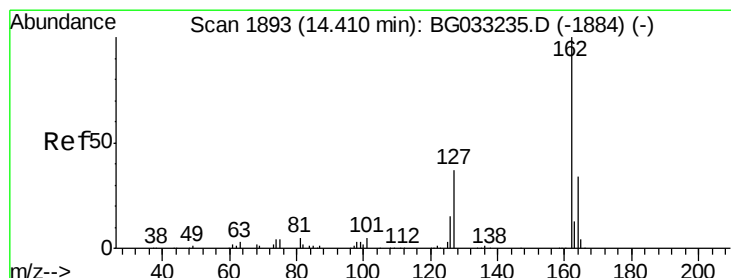
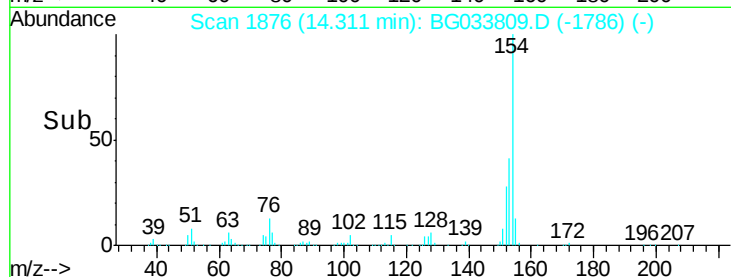
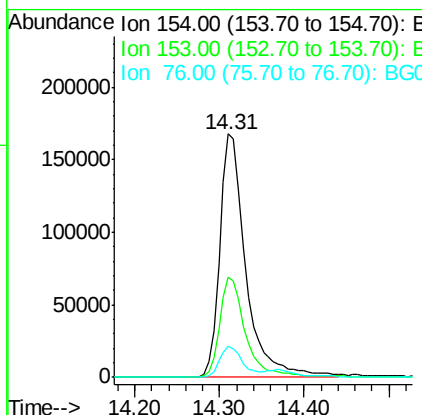
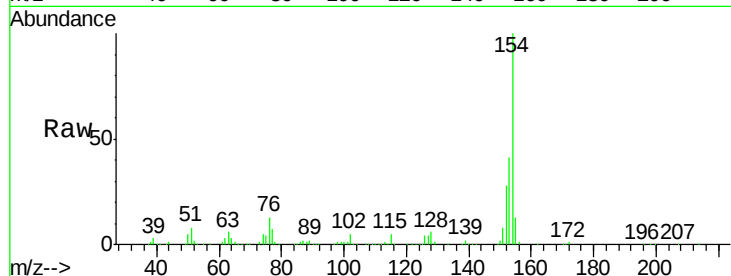




#45
 1,1'-Biphenyl
 Concen: 38.826 ng
 RT: 14.31 min Scan# 1876
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

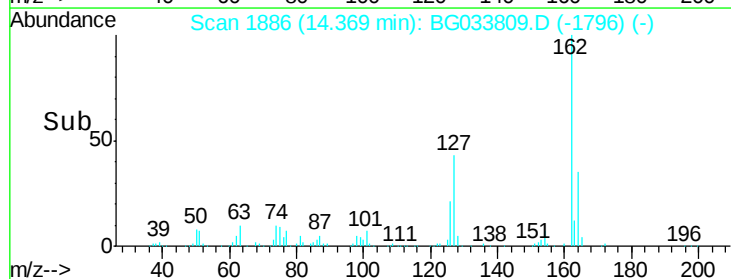
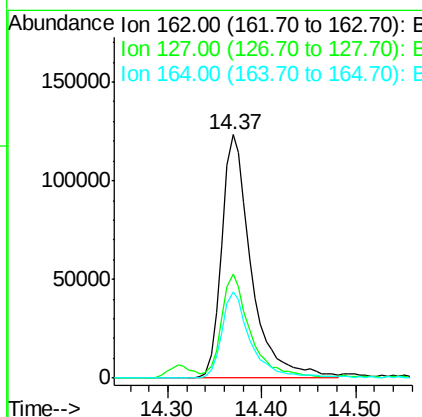
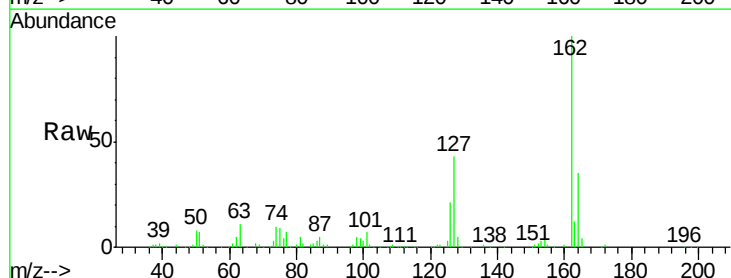
Instrument :
 BNA_G
 ClientSampleId :

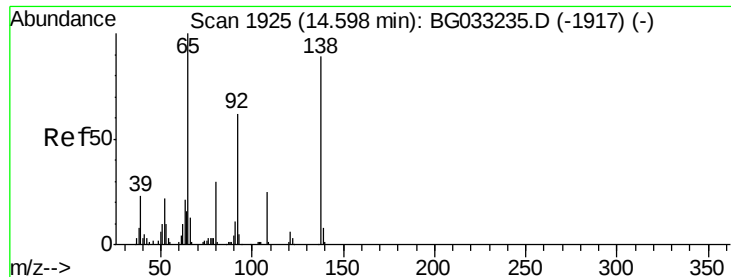
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	19.8	59.8
76	13.0	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 37.641 ng
 RT: 14.37 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.9	30.7	46.1
164	35.2	26.0	39.0

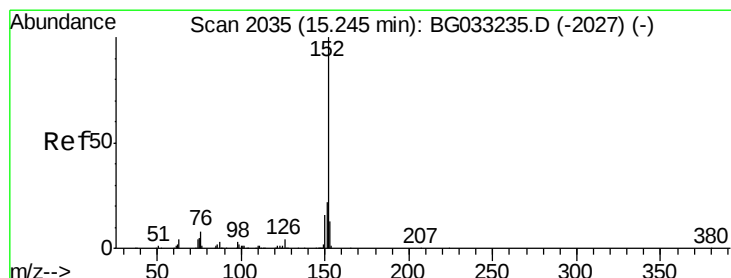
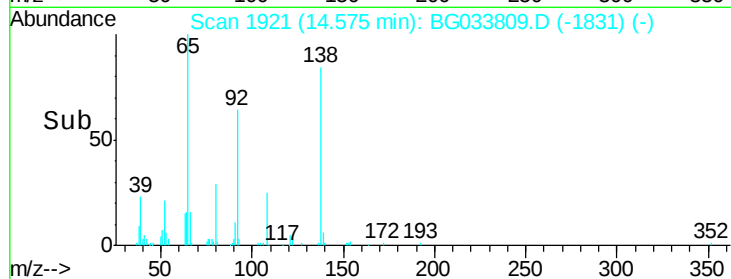
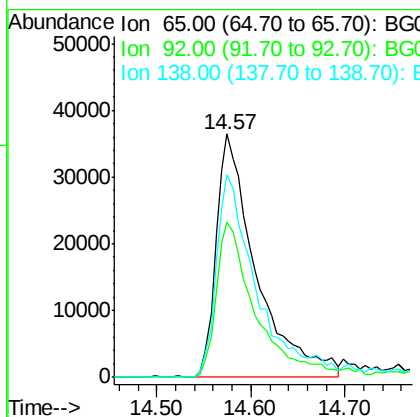
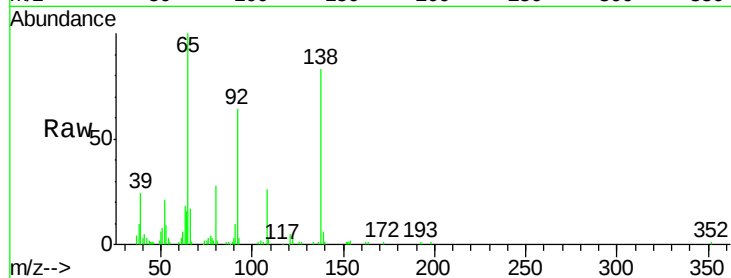




#47
2-Nitroaniline
Concen: 40.291 ng
RT: 14.57 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

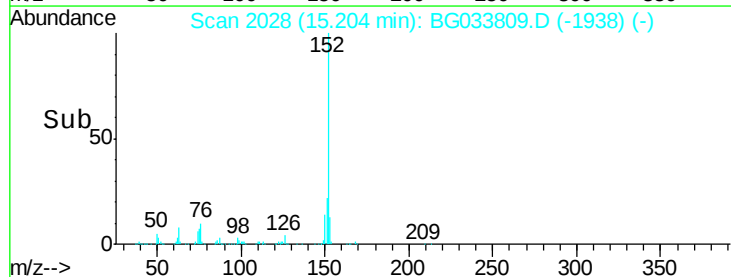
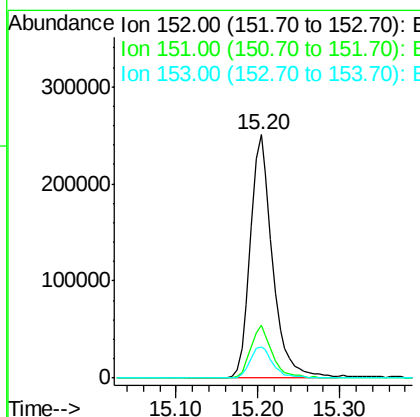
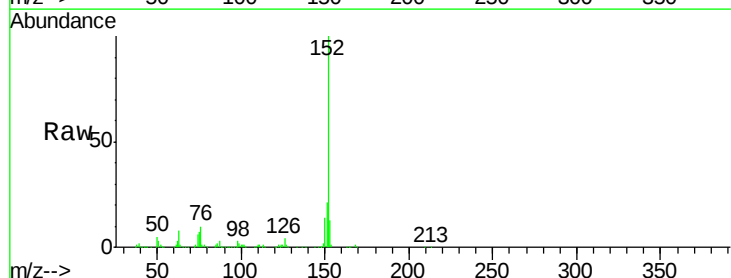
Instrument :
BNA_G
ClientSampled :

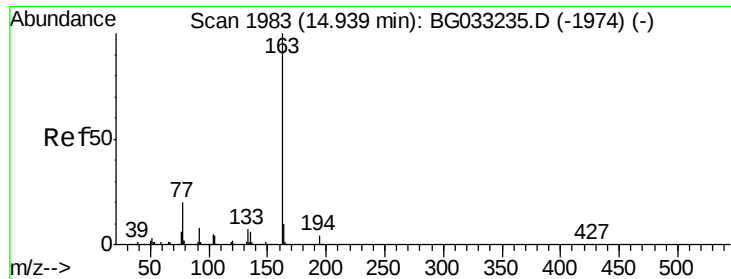
Tot Ion	Ratio	Lower	Upper
65	100		
92	63.7	54.6	82.0
138	83.1	72.9	109.3



#48
Acenaphthylene
Concen: 39.728 ng
RT: 15.20 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.2	25.8
153	12.7	10.2	15.4

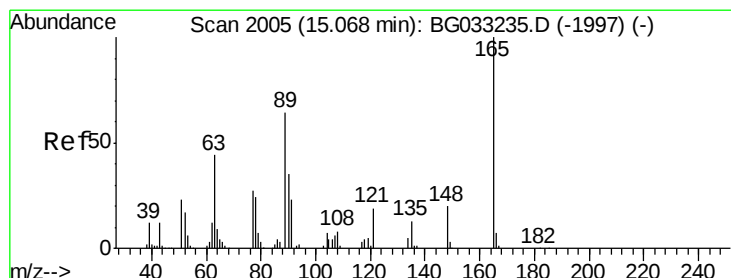
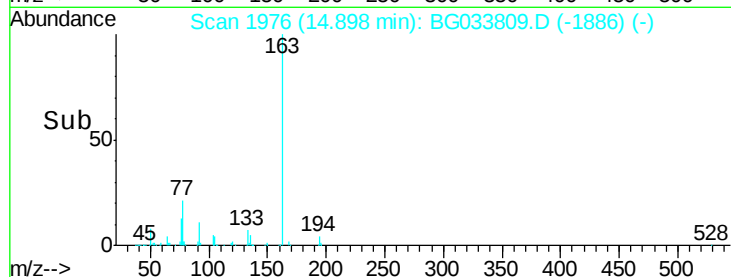
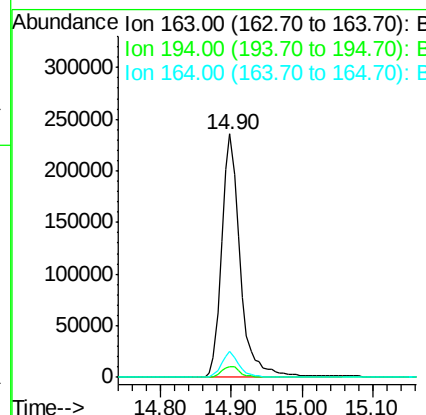
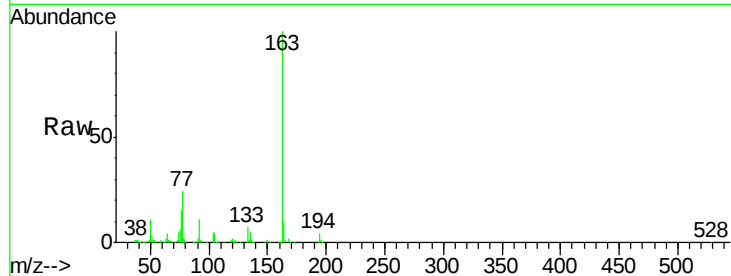




#49
Dimethylphthalate
Concen: 41.183 ng
RT: 14.90 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

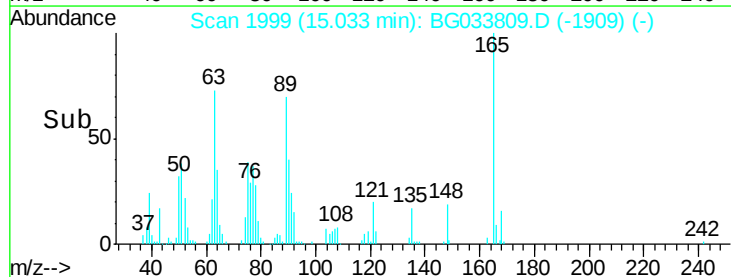
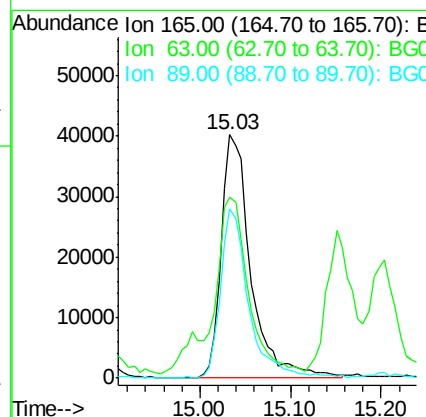
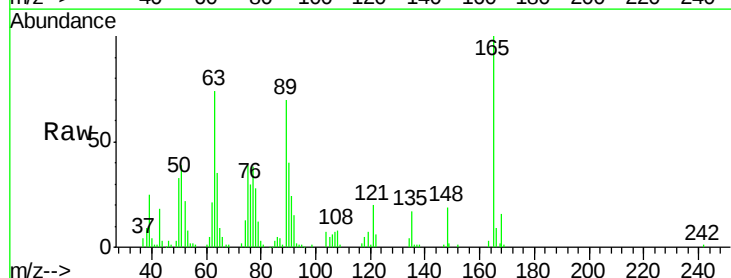
Instrument :
BNA_G
ClientSampleId :

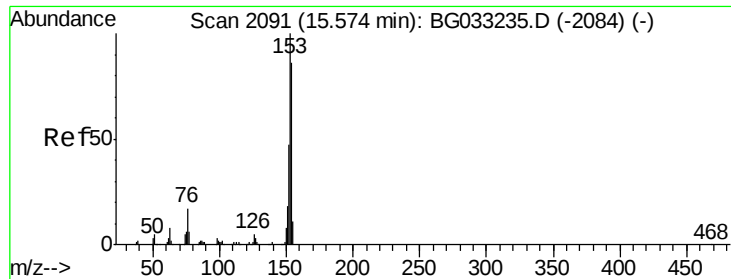
Tot Ion:163 Resp: 433360
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.4 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 42.142 ng
RT: 15.03 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Tgt Ion:165 Resp: 90673
Ion Ratio Lower Upper
165 100
63 74.3 52.7 79.1
89 69.6 49.2 73.8





#51

Acenaphthene

Concen: 39.497 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

Instrument :

BNA_G

ClientSampleId :

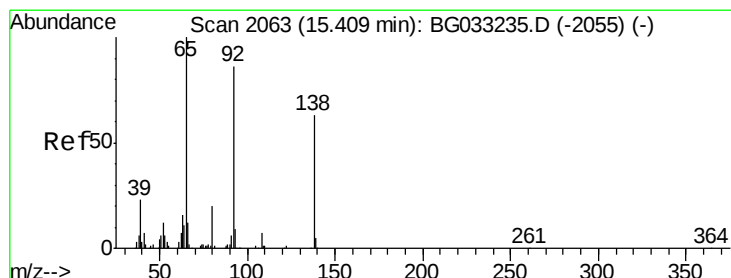
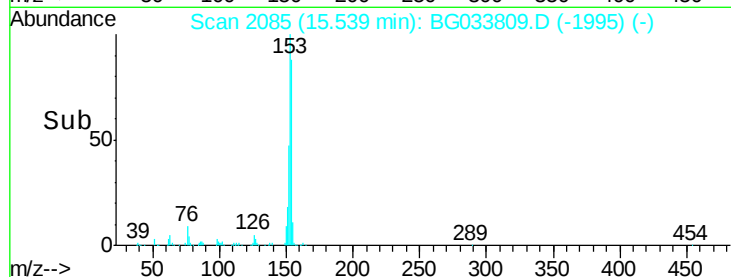
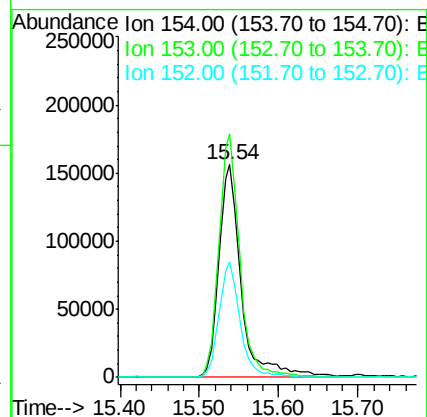
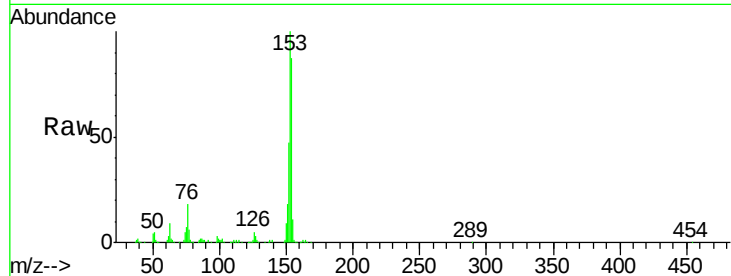
Tot Ion:154 Resp: 304413

Ion Ratio Lower Upper

154 100

153 114.4 90.4 135.6

152 54.2 41.6 62.4



#52

3-Nitroaniline

Concen: 36.485 ng

RT: 15.39 min Scan# 2060

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

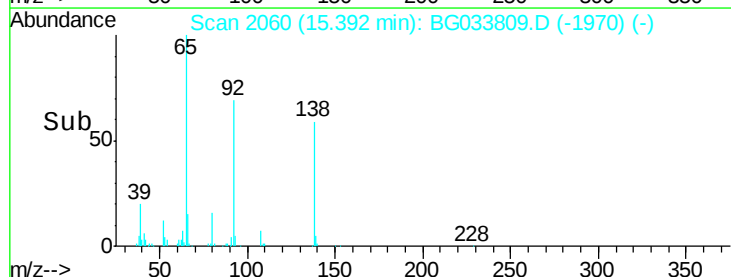
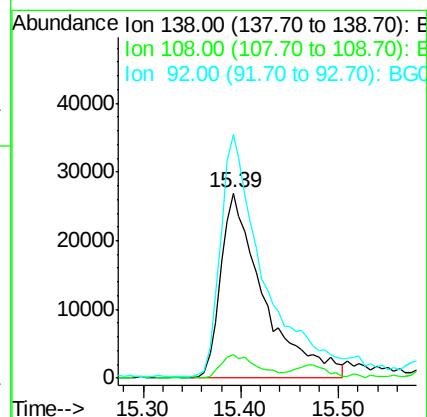
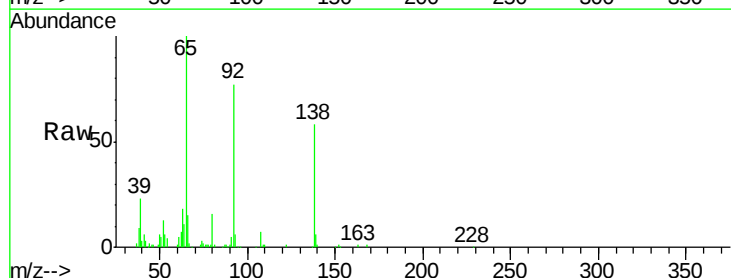
Tgt Ion:138 Resp: 82301

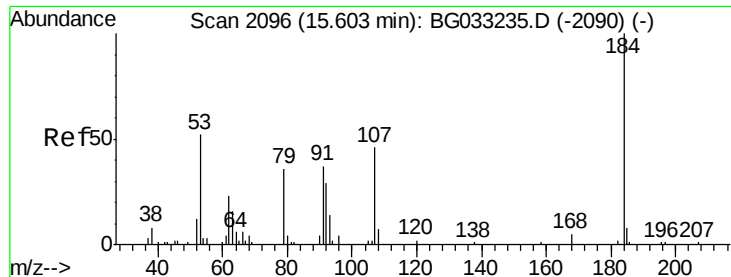
Ion Ratio Lower Upper

138 100

108 12.7 17.5 26.3#

92 131.7 105.8 158.8

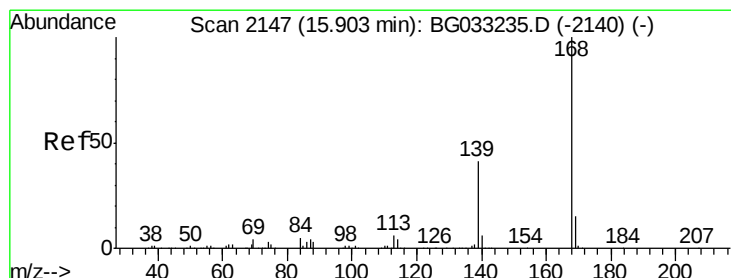
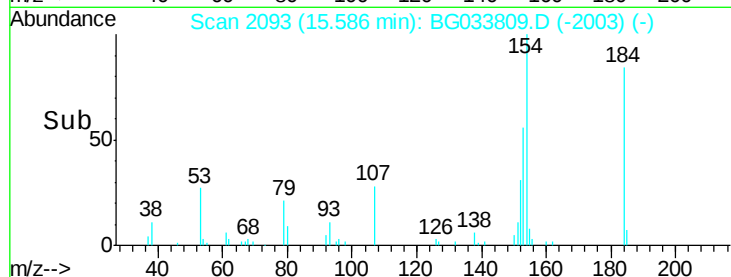
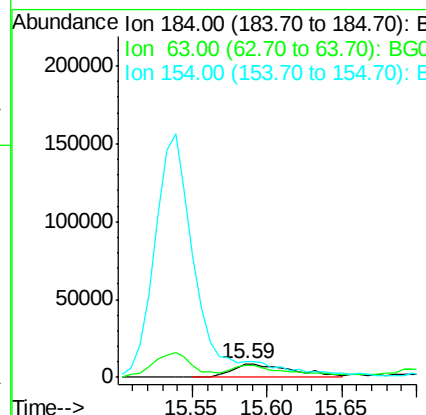
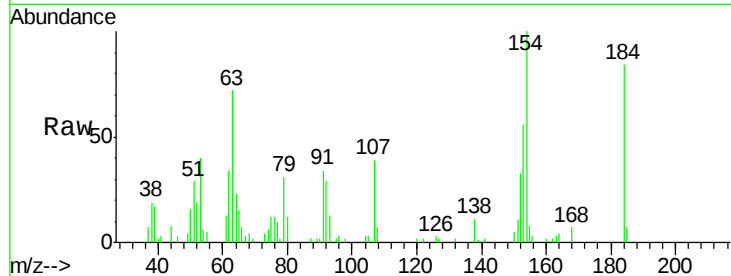




#53
2,4-Dinitrophenol
Concen: 27.534 ng
RT: 15.59 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

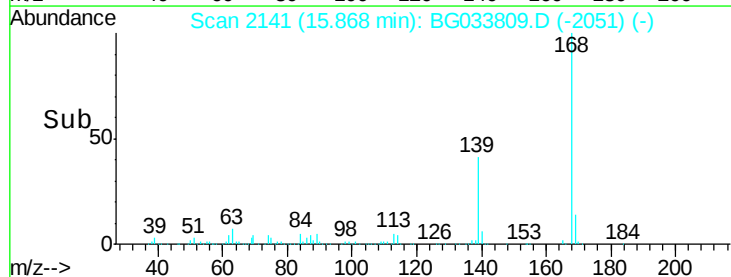
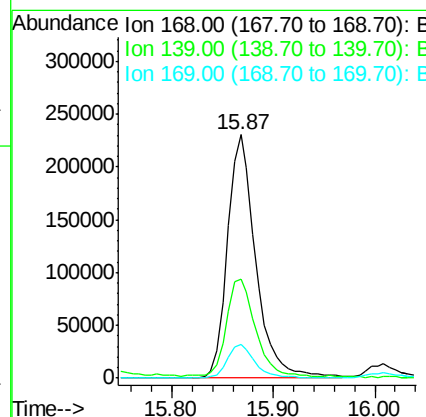
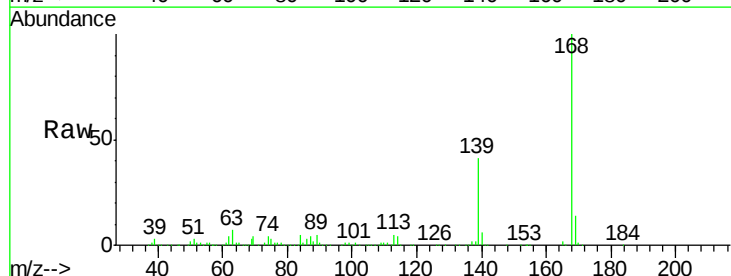
Instrument :
BNA_G
ClientSampleId :

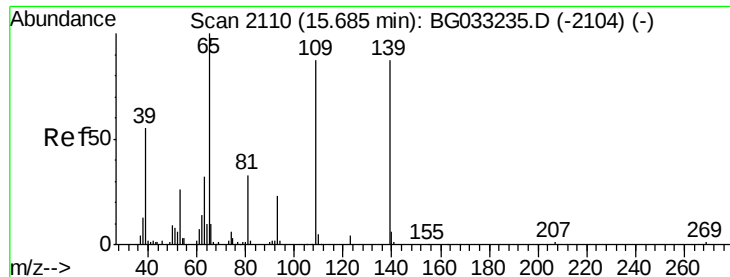
Tot Ion:184 Resp: 24504
Ion Ratio Lower Upper
184 100
63 85.3 59.8 89.8
154 119.0 101.8 152.8



#54
Dibenzofuran
Concen: 39.248 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Tgt Ion:168 Resp: 446817
Ion Ratio Lower Upper
168 100
139 40.7 28.6 43.0
169 13.7 11.2 16.8

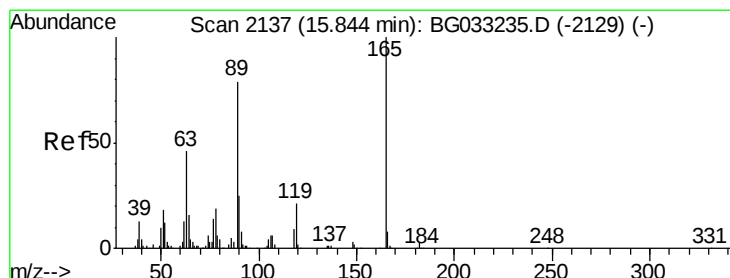
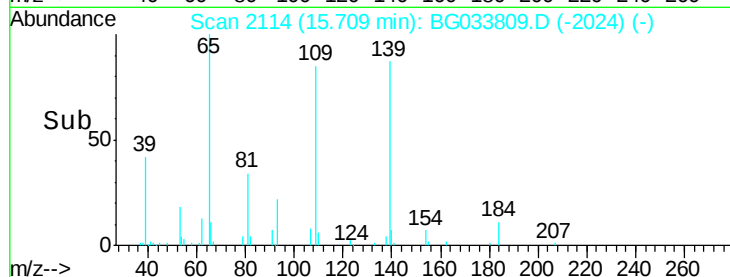
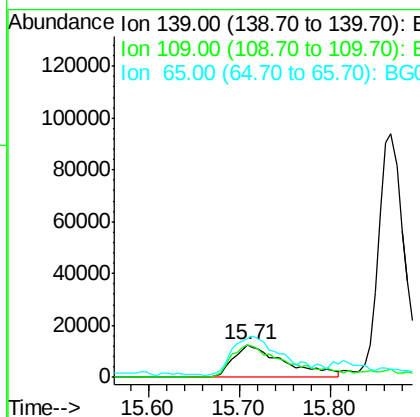
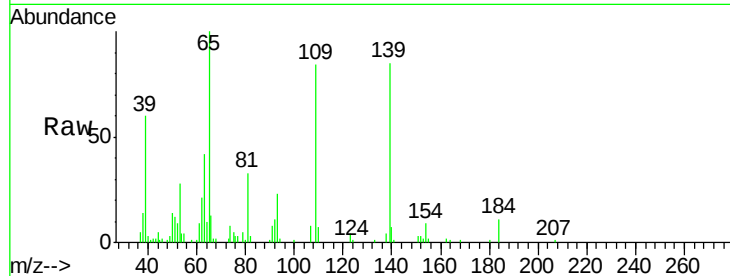




#55
4-Nitrophenol
Concen: 30.943 ng
RT: 15.71 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

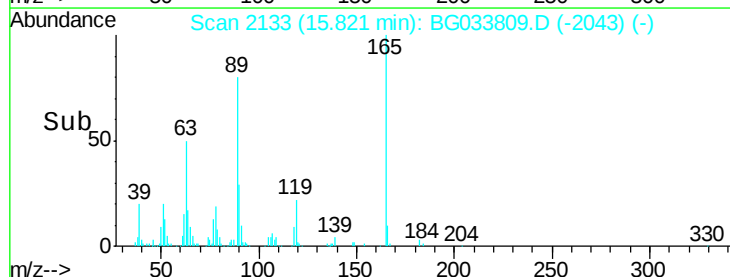
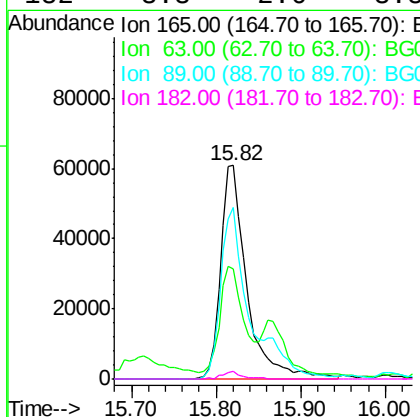
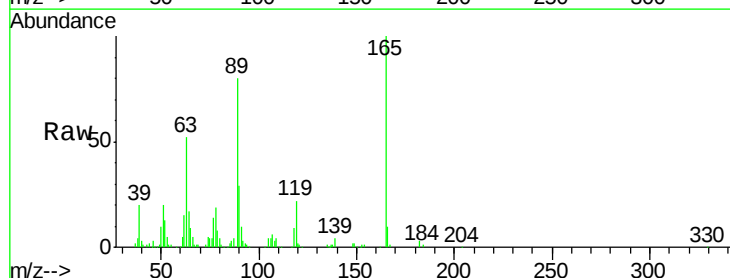
Instrument :
BNA_G
ClientSampleId :

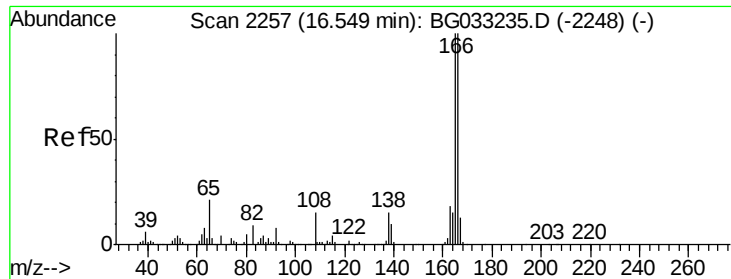
Tot Ion:139 Resp: 49082
Ion Ratio Lower Upper
139 100
109 98.8 62.2 102.2
65 118.1 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 41.400 ng
RT: 15.82 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Tgt Ion:165 Resp: 131156
Ion Ratio Lower Upper
165 100
63 51.6 42.0 63.0
89 80.5 66.9 100.3
182 3.3 2.6 3.8

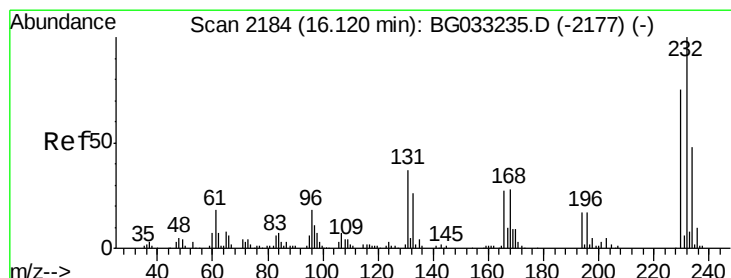
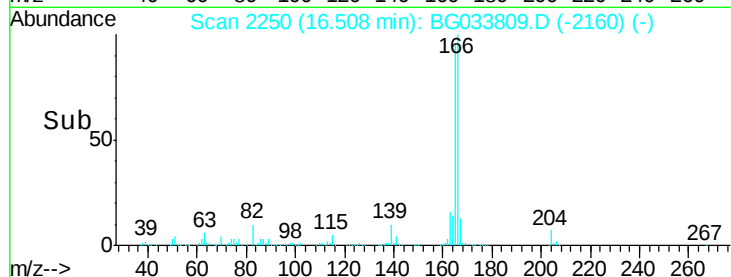
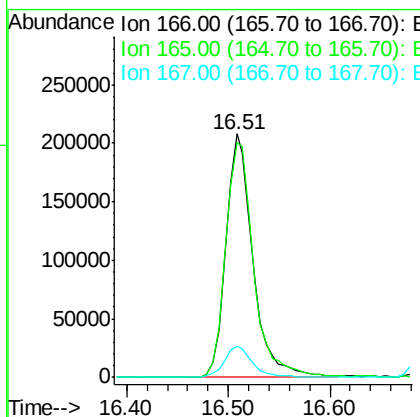
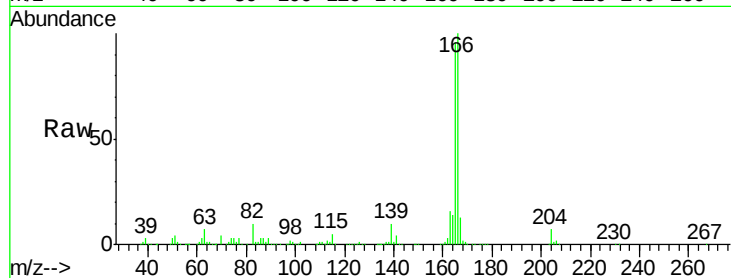




#57
 Fluorene
 Concen: 39.457 ng
 RT: 16.51 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

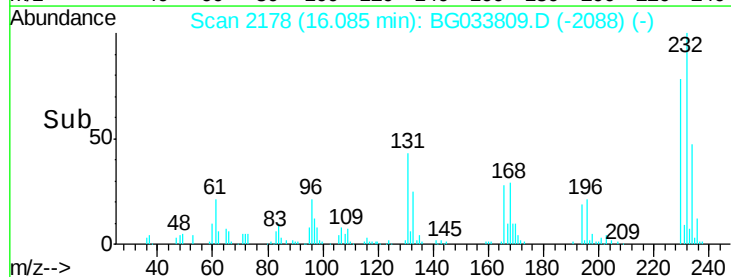
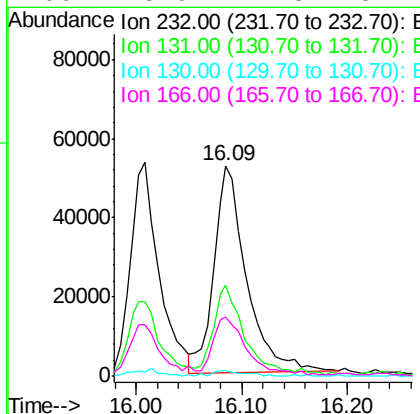
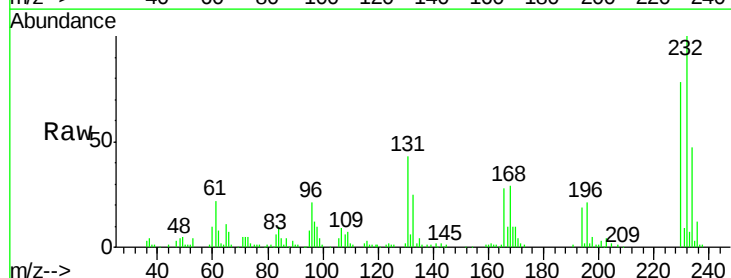
Instrument :
 BNA_G
 ClientSampled :

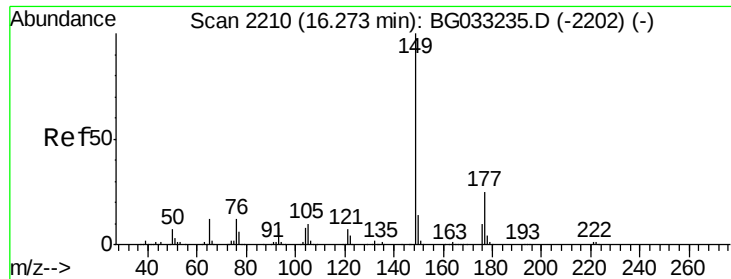
Tot Ion:166 Resp: 382683
 Ion Ratio Lower Upper
 166 100
 165 96.2 80.6 121.0
 167 12.9 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.713 ng
 RT: 16.09 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

Tgt Ion:232 Resp: 112453
 Ion Ratio Lower Upper
 232 100
 131 38.1 33.5 50.3
 130 2.7 2.2 3.2
 166 28.9 24.8 37.2

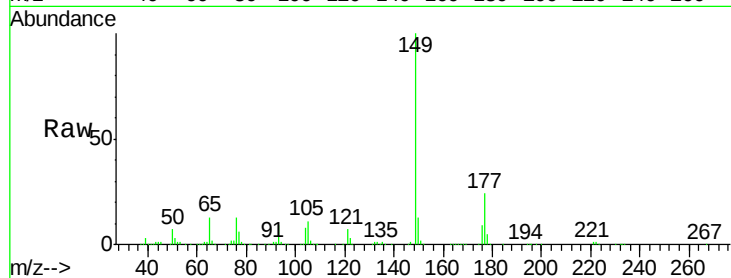




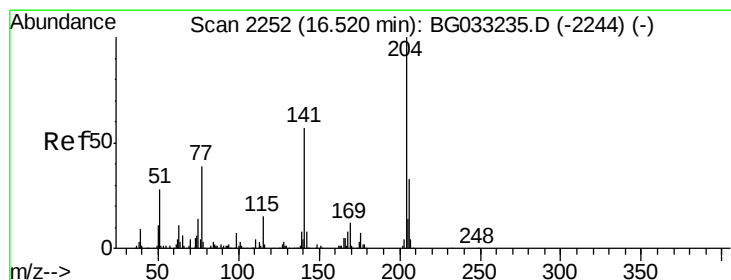
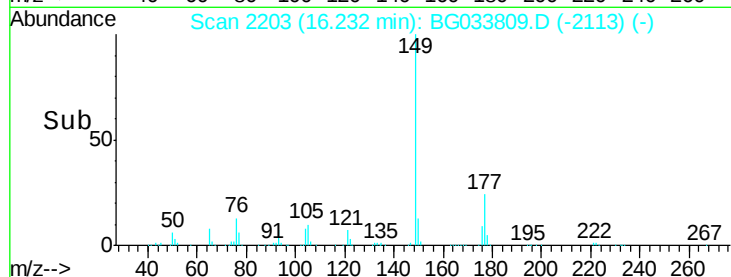
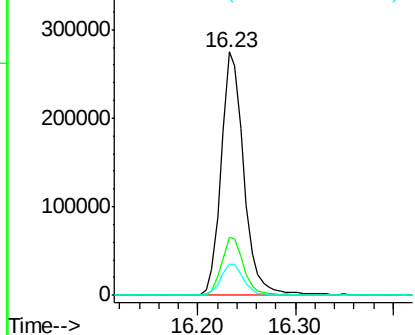
#59
Diethylphthalate
Concen: 43.464 ng
RT: 16.23 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 444114
Ion Ratio Lower Upper
149 100
177 23.7 18.5 27.7
150 12.9 10.2 15.2

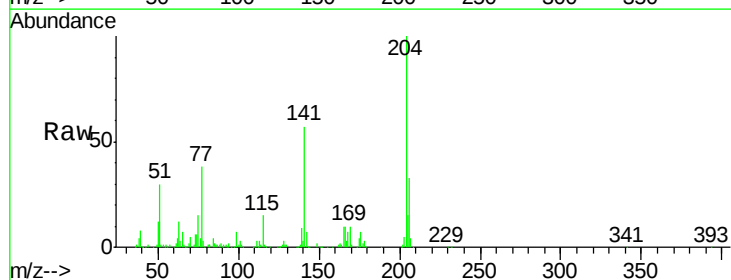


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

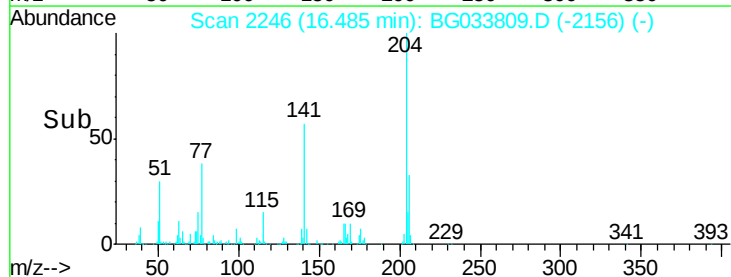
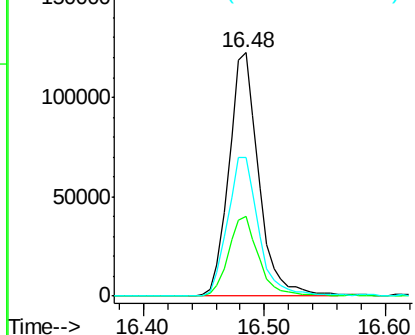


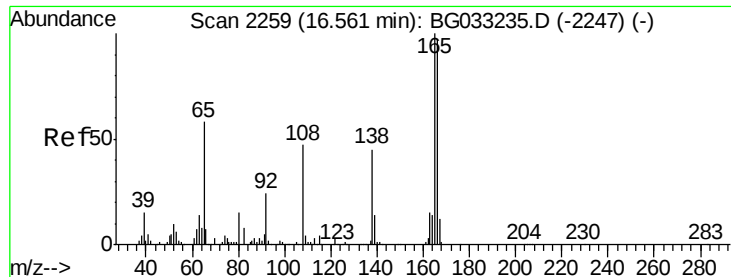
#60
4-Chlorophenyl-phenylether
Concen: 37.703 ng
RT: 16.48 min Scan# 2246
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Tgt Ion:204 Resp: 210204
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 56.8 45.8 68.6



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





#61

4-Nitroaniline

Concen: 40.903 ng

RT: 16.56 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

Instrument :

BNA_G

ClientSampled :

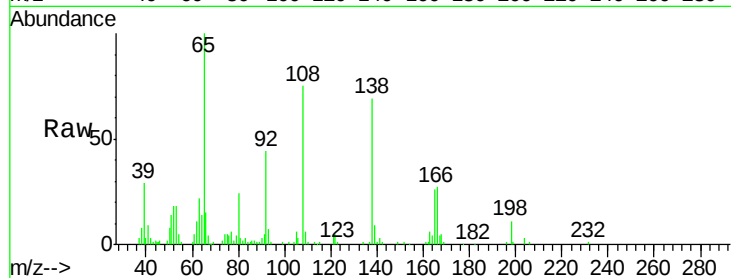
Tot Ion:138 Resp: 93436

Ion Ratio Lower Upper

138 100

92 63.7 40.1 80.1

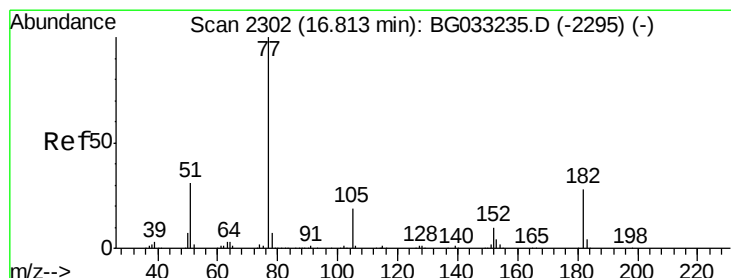
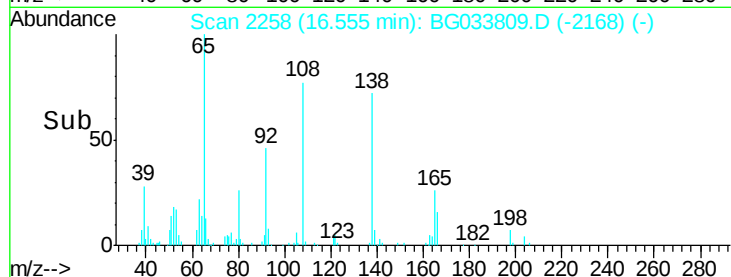
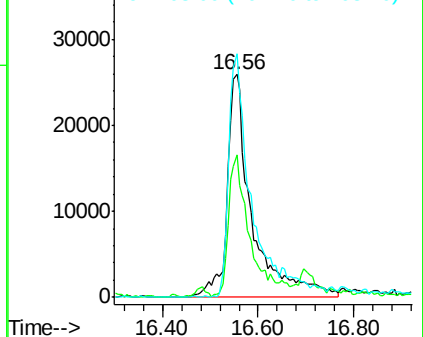
108 109.2 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.410 ng

RT: 16.78 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

Tgt Ion: 77 Resp: 409874

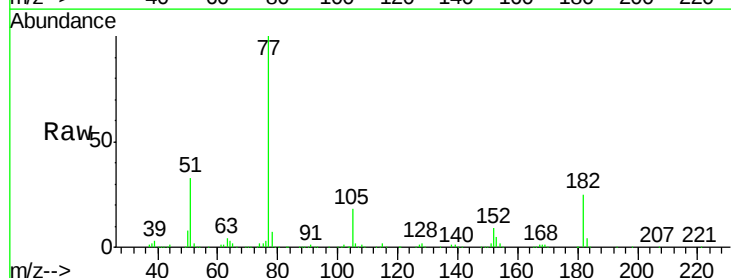
Ion Ratio Lower Upper

77 100

182 25.4 7.4 47.4

105 17.9 0.3 40.3

51 32.5 11.6 51.6

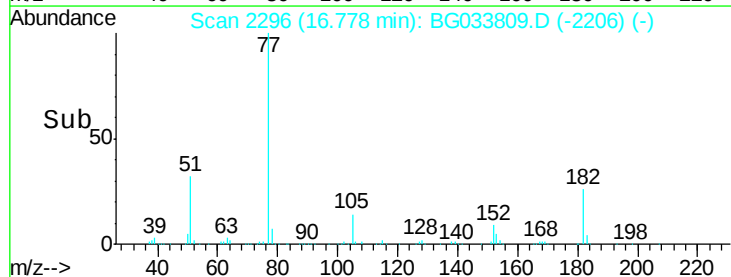
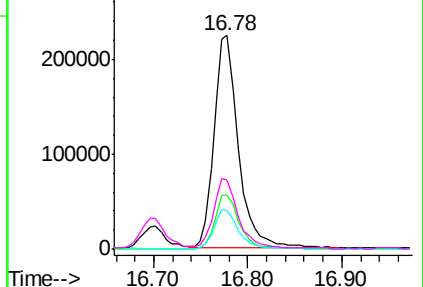


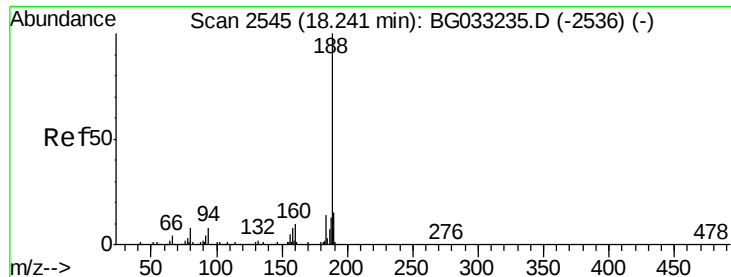
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

Instrument :

BNA_G

ClientSampleId :

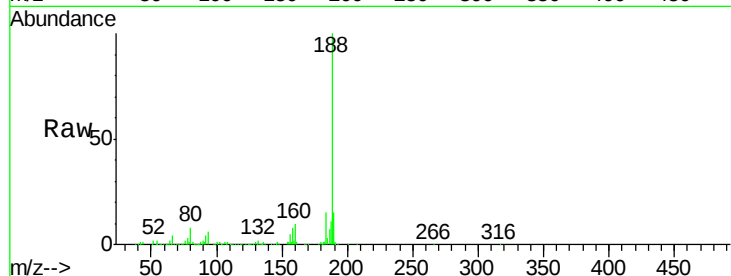
Tot Ion:188 Resp: 328553

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

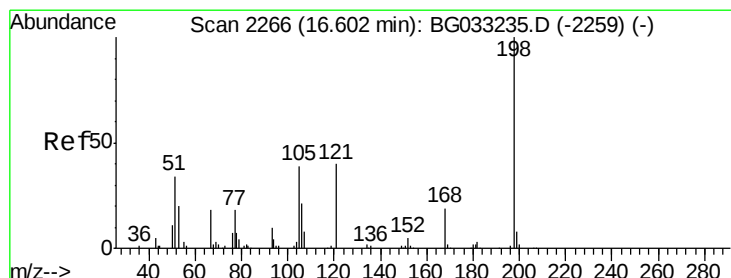
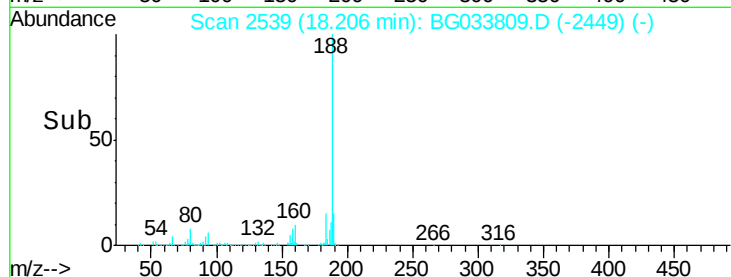
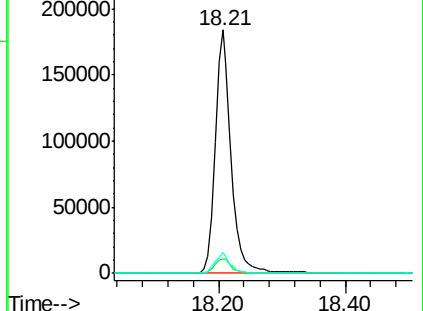
80 8.4 7.7 11.5



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: 37.961 ng

RT: 16.57 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

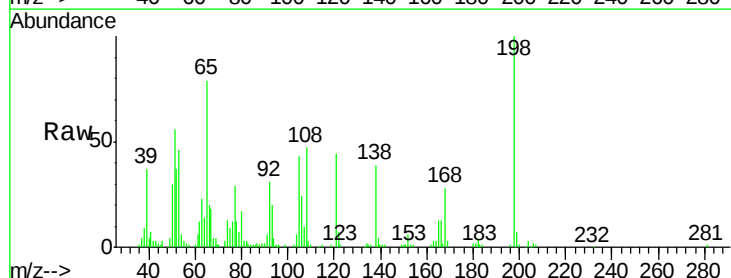
Tgt Ion:198 Resp: 74612

Ion Ratio Lower Upper

198 100

51 56.4 30.6 70.6

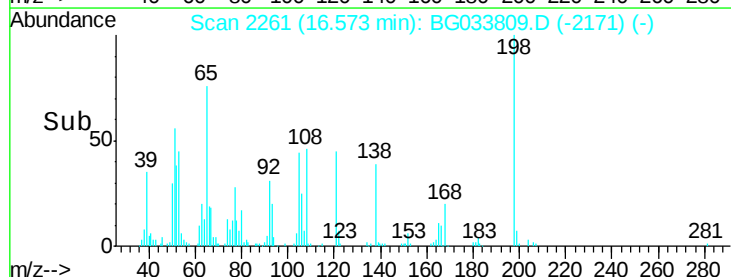
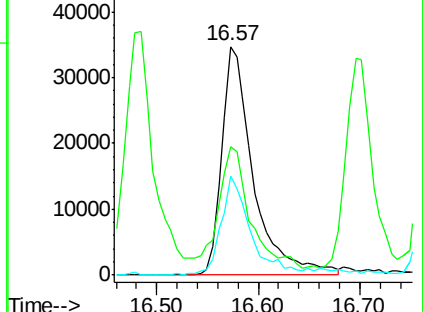
105 43.5 23.8 63.8



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

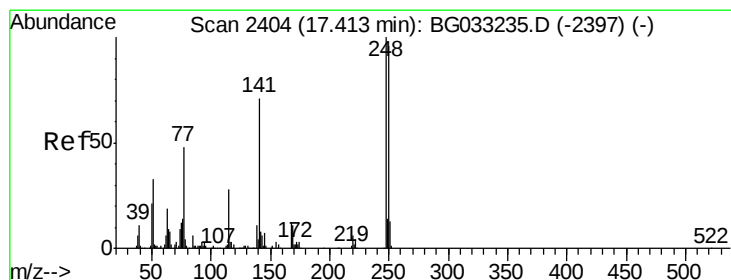
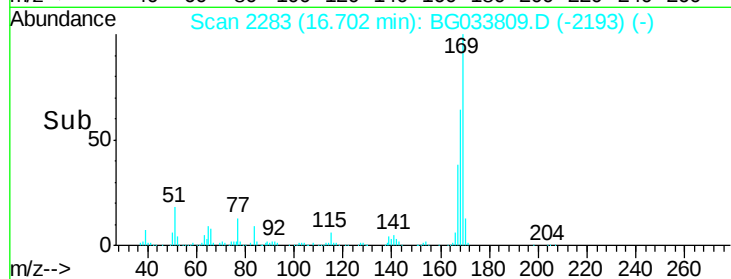
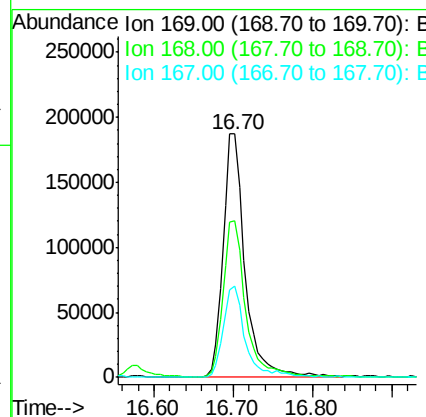
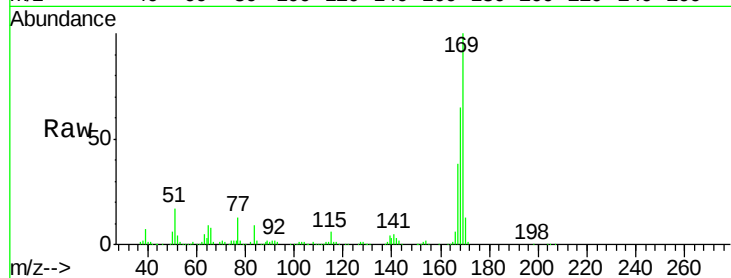




#65
 n-Nitrosodiphenylamine
 Concen: 38.374 ng
 RT: 16.70 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

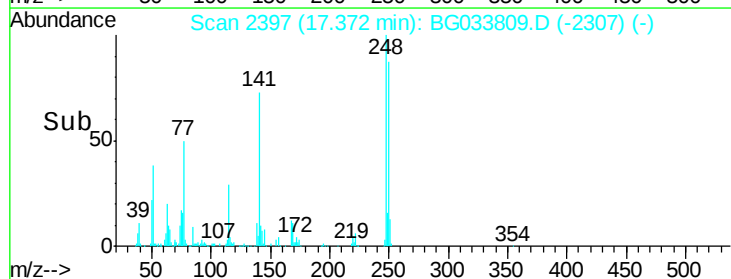
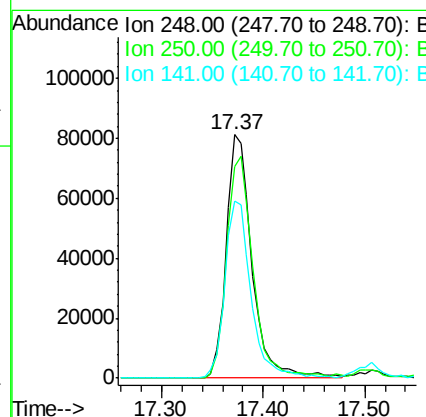
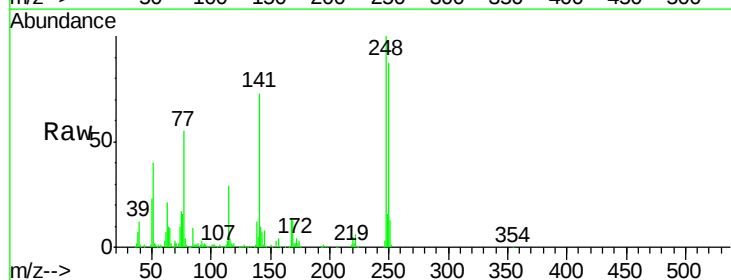
Instrument :
 BNA_G
 ClientSampled :

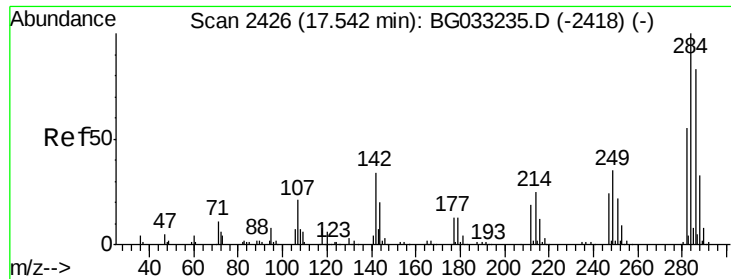
Tot Ion	169	Resp	359938
Ion Ratio	Lower	Upper	
169	100		
168	64.5	55.7	83.5
167	37.7	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 37.083 ng
 RT: 17.37 min Scan# 2397
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

Tgt Ion	248	Resp	143086
Ion Ratio	Lower	Upper	
248	100		
250	86.8	77.1	115.7
141	72.6	50.8	76.2

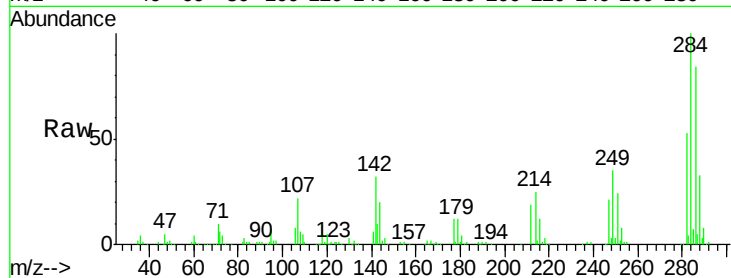




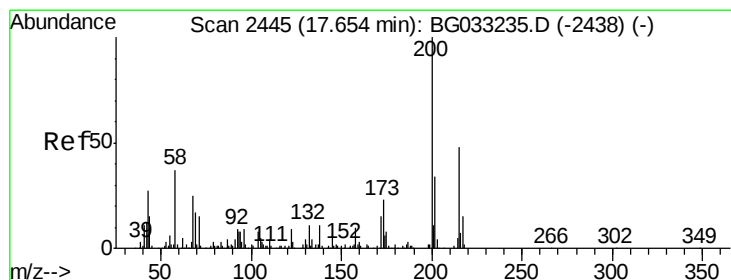
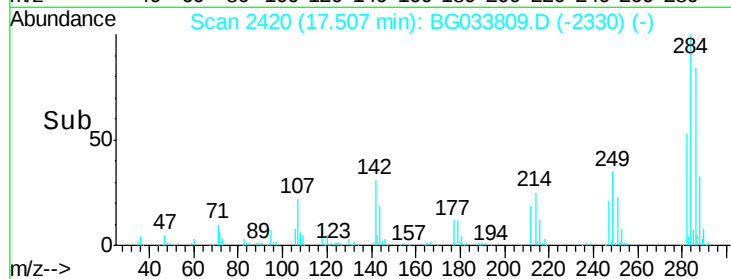
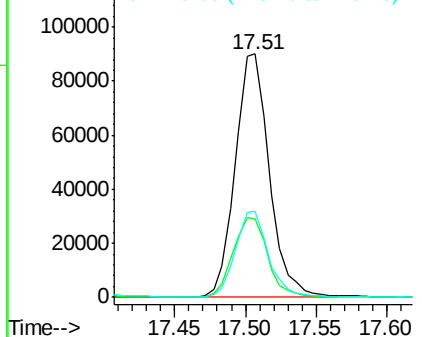
#67
Hexachlorobenzene
Concen: 37.295 ng
RT: 17.51 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 151872
Ion Ratio Lower Upper
284 100
142 32.2 26.8 40.2
249 35.2 26.3 39.5

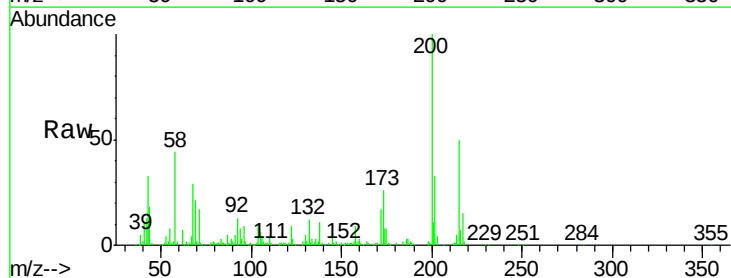


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

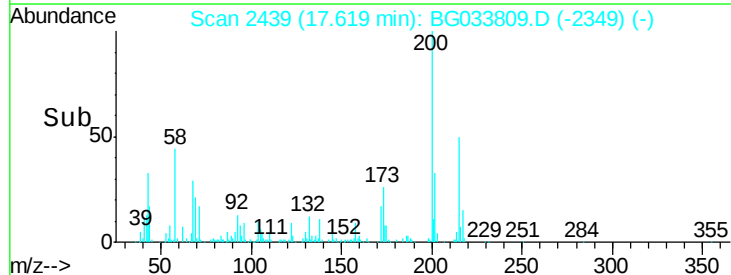
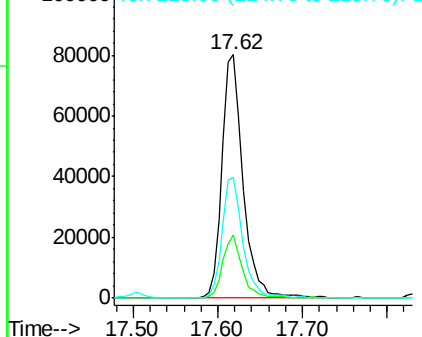


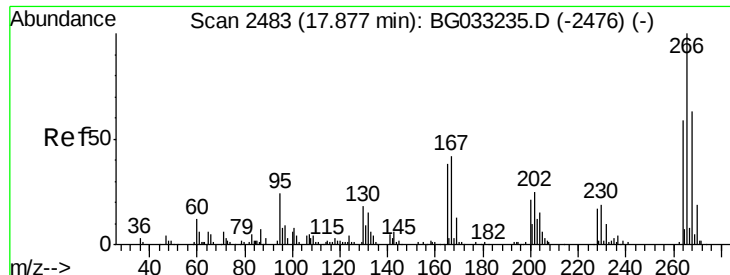
#68
Atrazine
Concen: 36.511 ng
RT: 17.62 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Tgt Ion:200 Resp: 138774
Ion Ratio Lower Upper
200 100
173 25.9 5.2 45.2
215 49.6 30.4 70.4



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

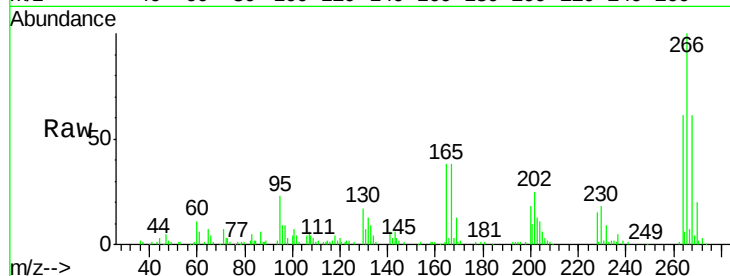




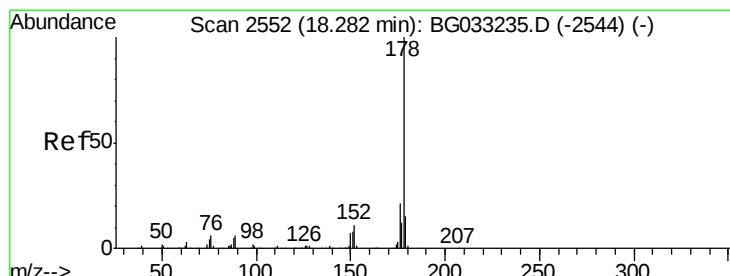
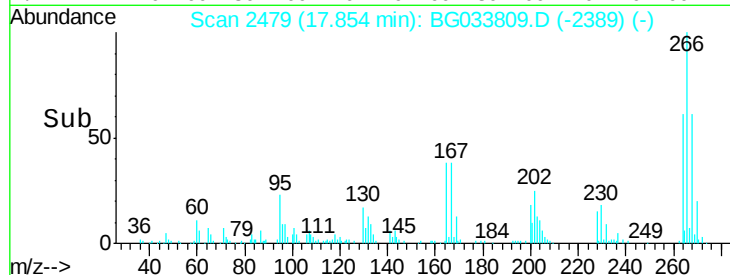
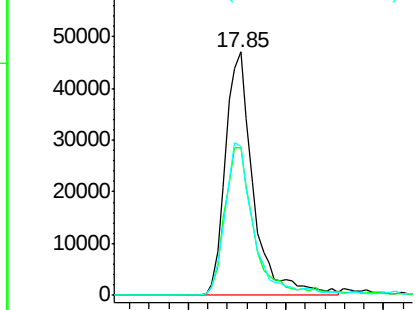
#69
 Pentachlorophenol
 Concen: 33.420 ng
 RT: 17.85 min Scan# 2479
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 93408
 Ion Ratio Lower Upper
 266 100
 268 60.5 51.1 76.7
 264 61.0 49.6 74.4

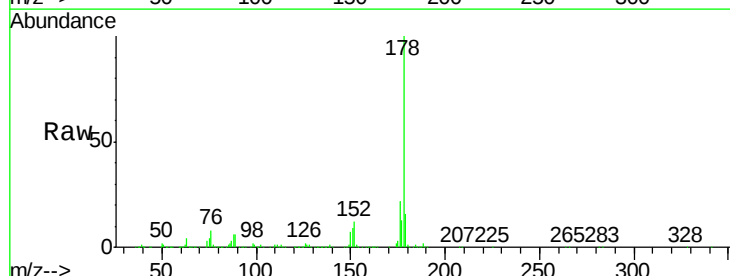


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

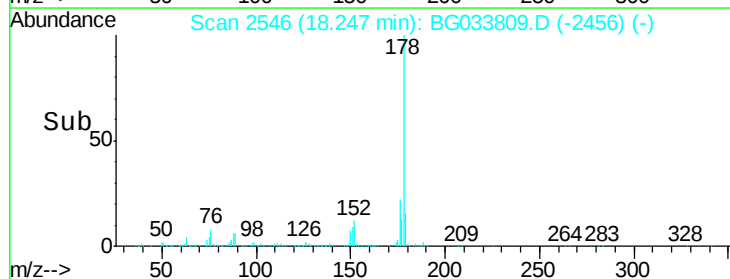
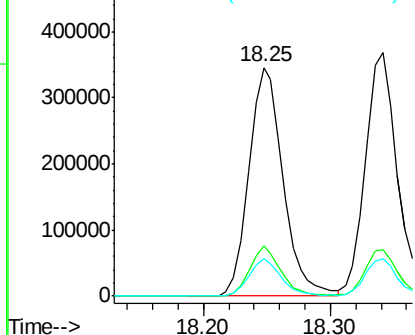


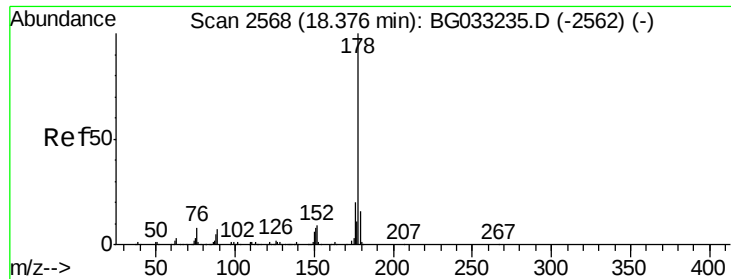
#70
 Phenanthrene
 Concen: 37.869 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

Tgt Ion:178 Resp: 647973
 Ion Ratio Lower Upper
 178 100
 176 22.1 15.7 23.5
 179 16.2 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

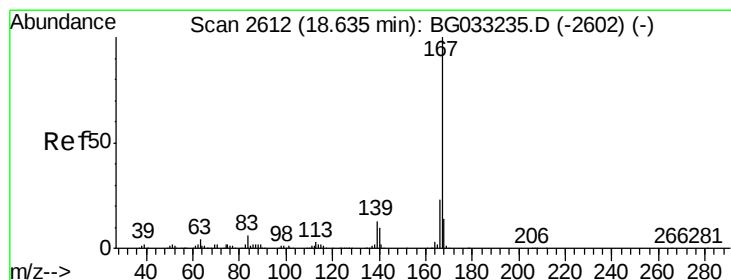
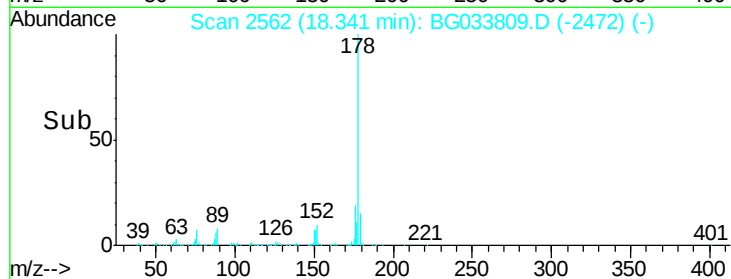
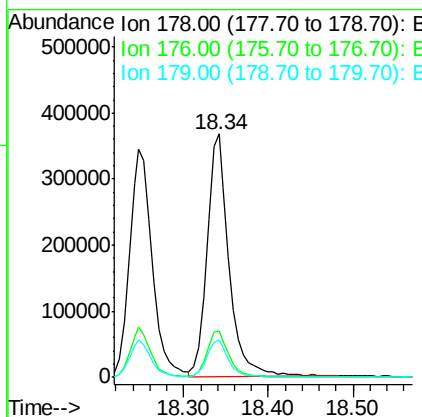
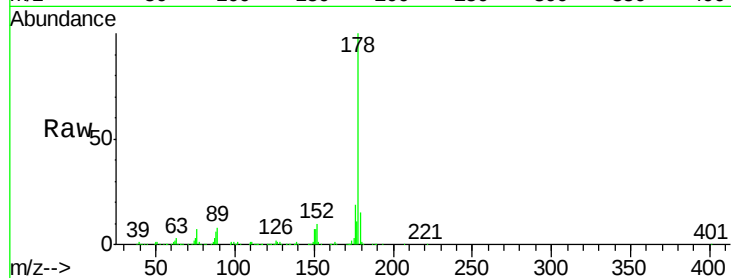




#71
 Anthracene
 Concen: 38.246 ng
 RT: 18.34 min Scan# 2562
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

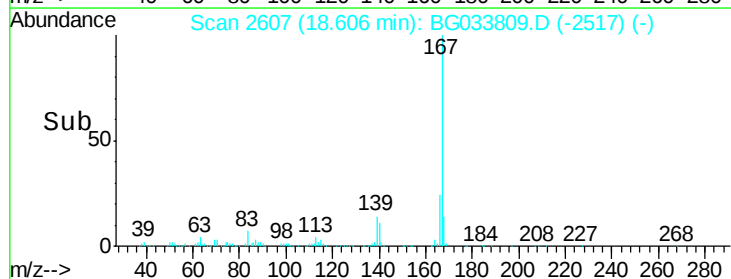
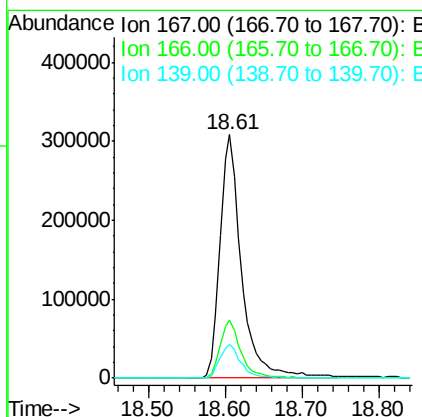
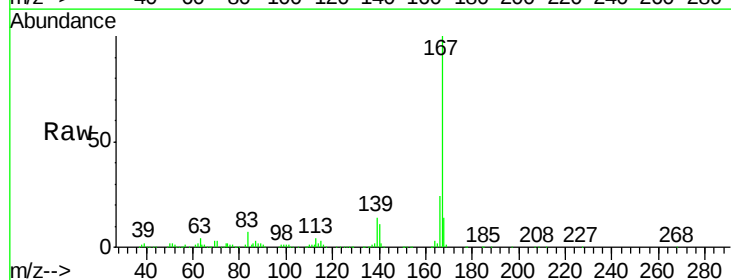
Instrument :
 BNA_G
 ClientSampleId :

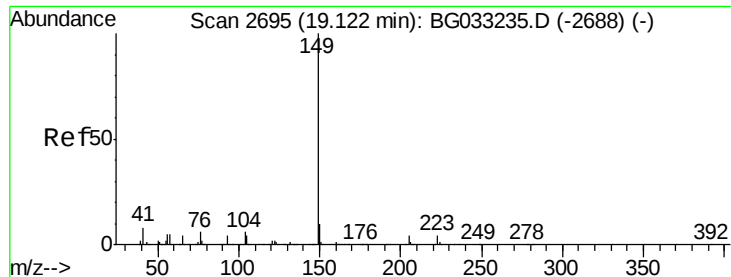
Tot Ion:178 Resp: 662622
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.0 24.0
 179 15.4 12.5 18.7



#72
 Carbazole
 Concen: 38.928 ng
 RT: 18.61 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

Tgt Ion:167 Resp: 597648
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.2 27.4
 139 13.8 9.4 14.2





#73

Di-n-butylphthalate

Concen: 41.658 ng

RT: 19.09 min Scan# 2689

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

Instrument :

BNA_G

ClientSampleId :

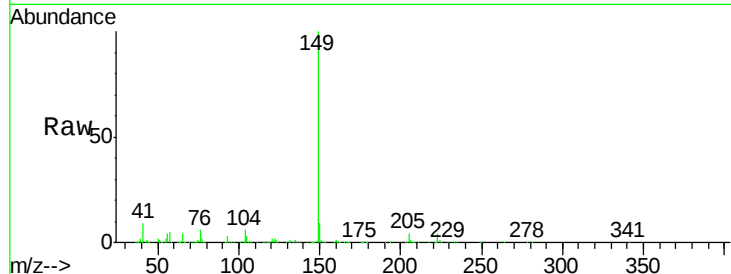
Tot Ion:149 Resp: 744422

Ion Ratio Lower Upper

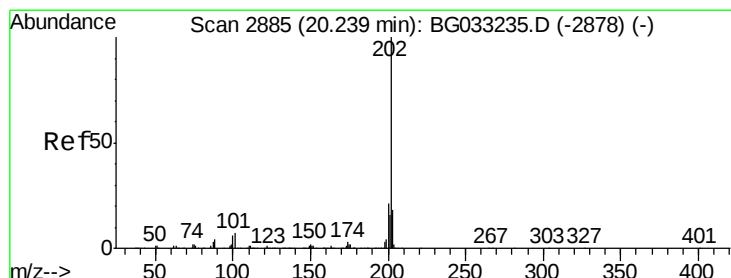
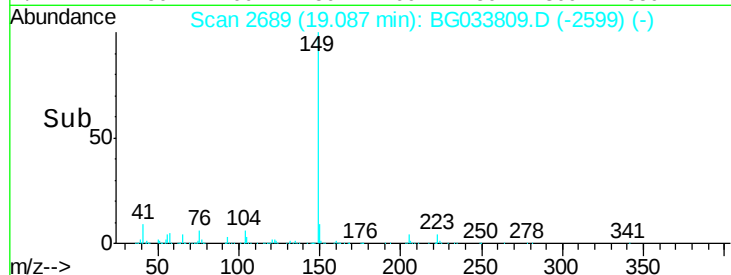
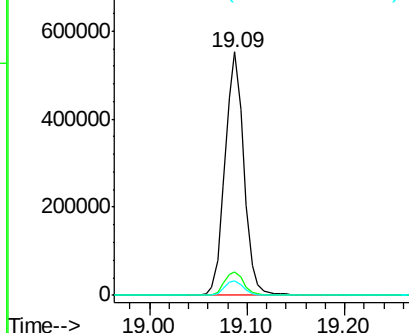
149 100

150 9.4 7.8 11.6

104 6.1 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: 38.781 ng

RT: 20.20 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

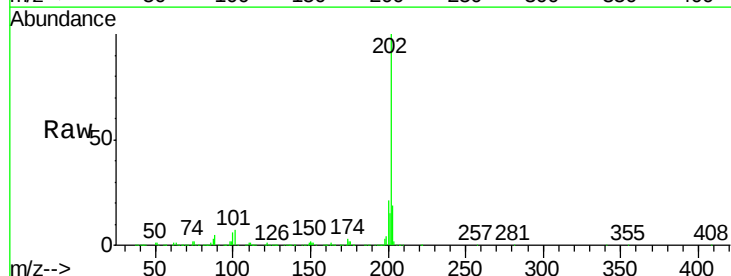
Tgt Ion:202 Resp: 821173

Ion Ratio Lower Upper

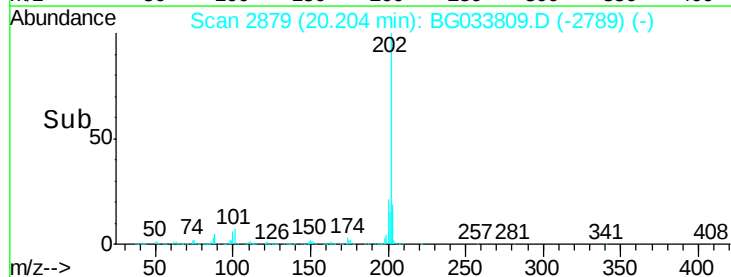
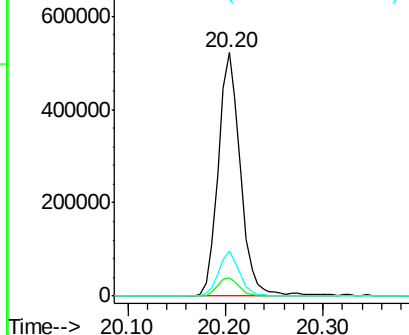
202 100

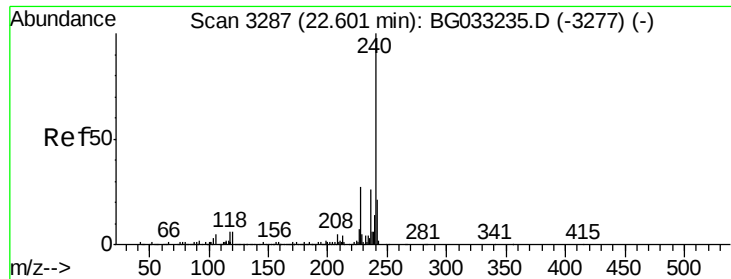
101 7.3 0.0 28.9

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

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

Instrument :

BNA_G

ClientSampleId :

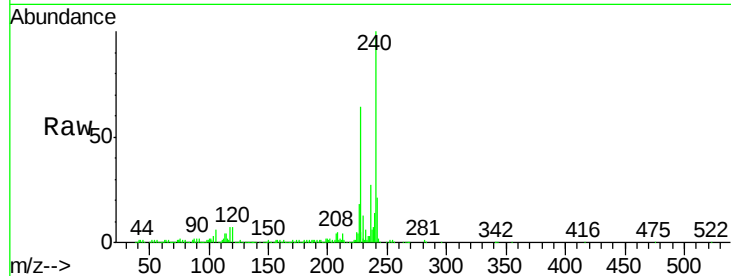
Tot Ion:240 Resp: 329906

Ion Ratio Lower Upper

240 100

120 6.8 6.8 10.2#

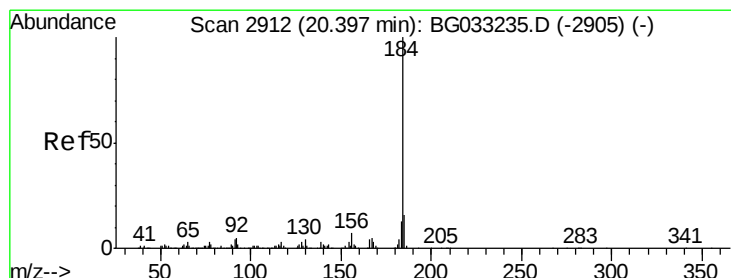
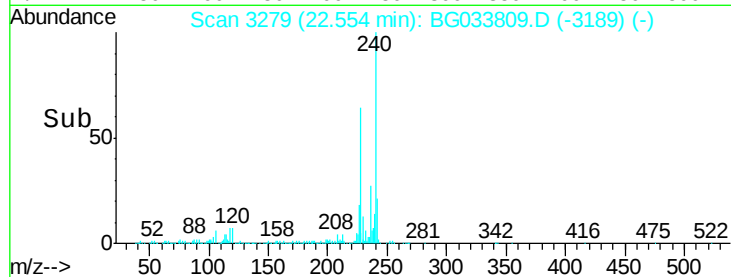
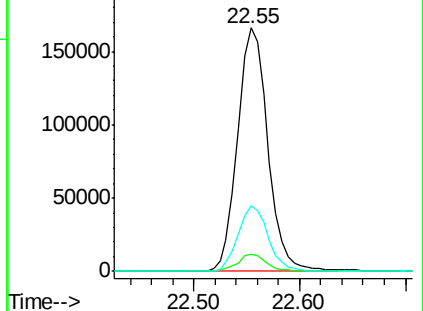
236 26.9 20.9 31.3



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: 28.837 ng

RT: 20.37 min Scan# 2908

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

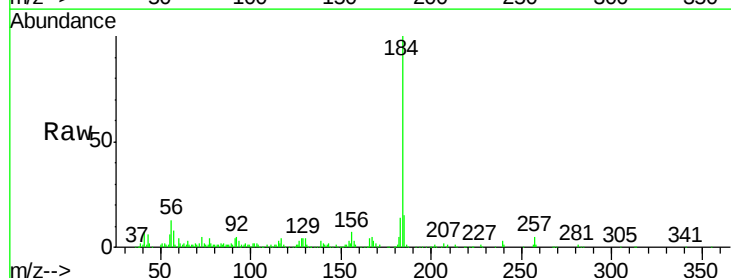
Tgt Ion:184 Resp: 257988

Ion Ratio Lower Upper

184 100

185 15.3 11.1 16.7

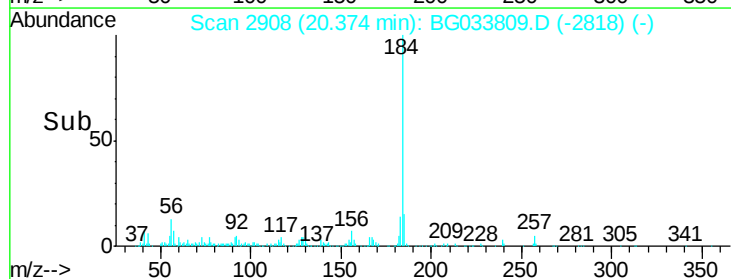
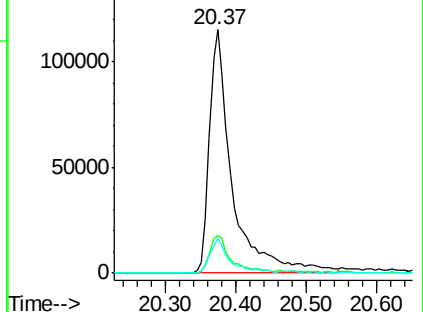
183 14.2 10.6 16.0

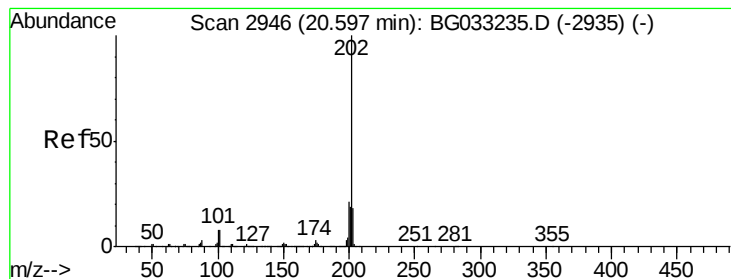


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.324 ng

RT: 20.56 min Scan# 2940

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

Instrument :

BNA_G

ClientSampleId :

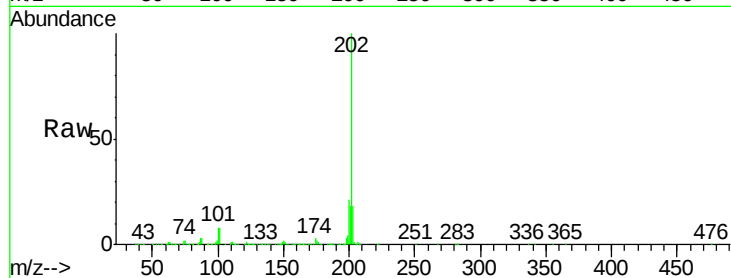
Tot Ion:202 Resp: 843243

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

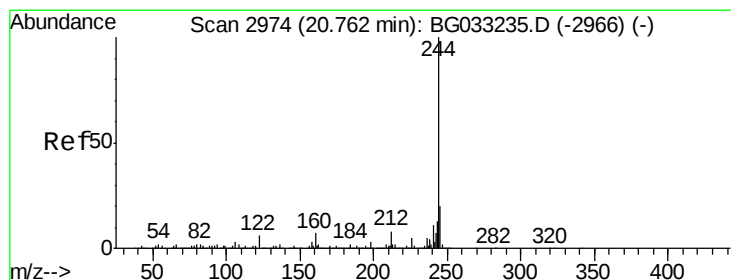
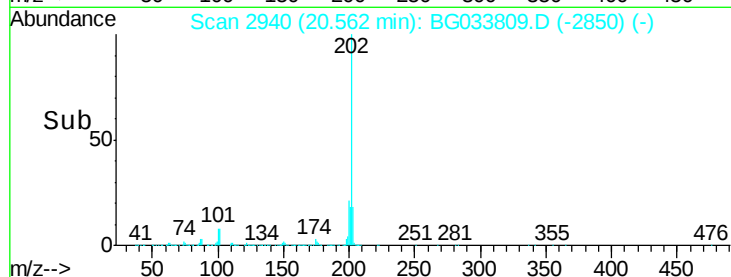
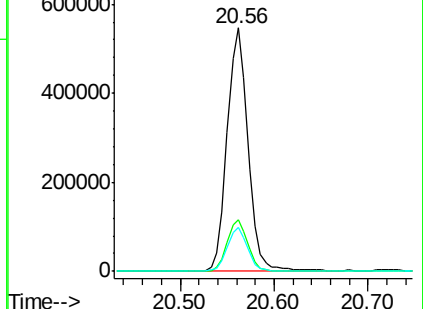
203 18.0 13.9 20.9



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: 75.914 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033809.D

Acq: 16 Apr 2018 10:34

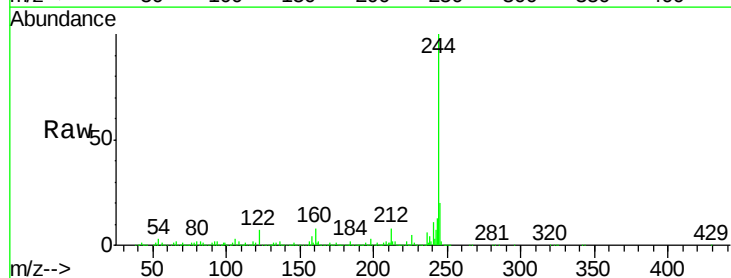
Tgt Ion:244 Resp: 1171068

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

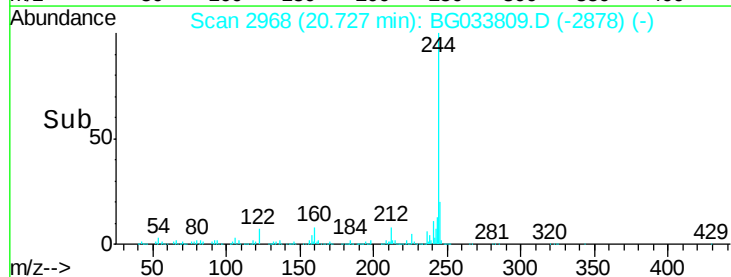
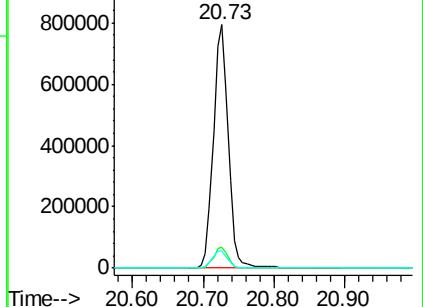
122 7.2 7.0 10.4

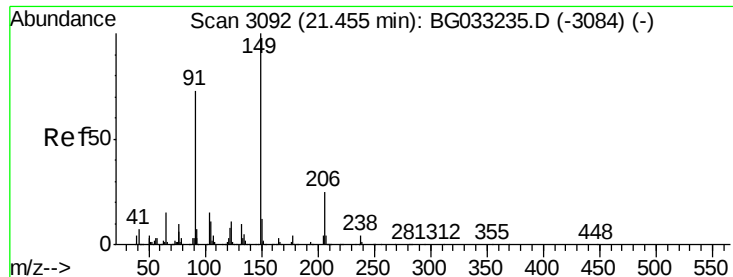


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

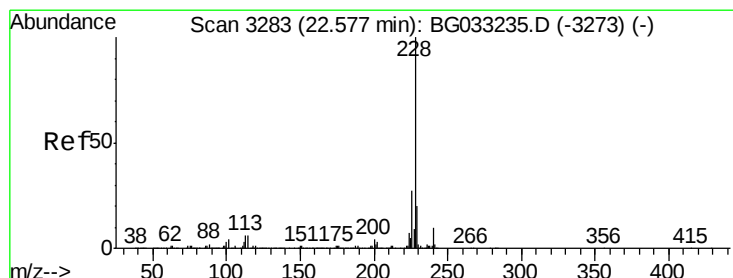
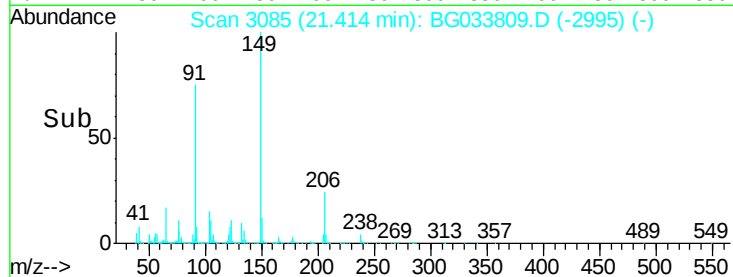
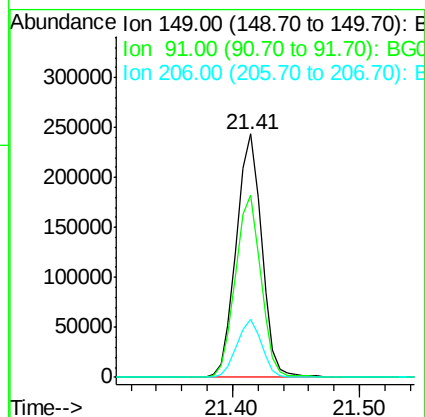
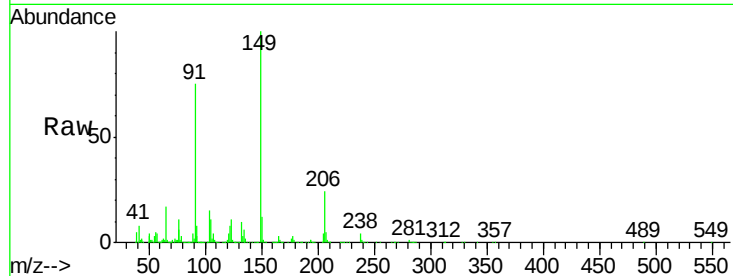




#79
Butylbenzylphthalate
Concen: 41.410 ng
RT: 21.41 min Scan# 3085
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

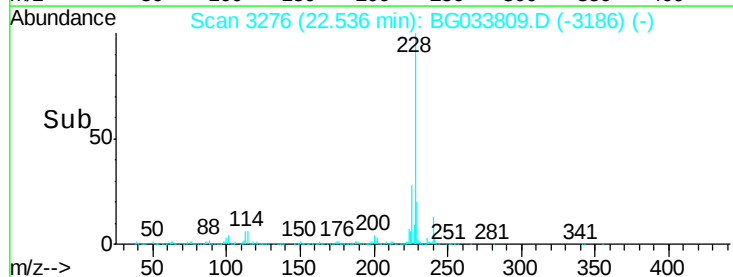
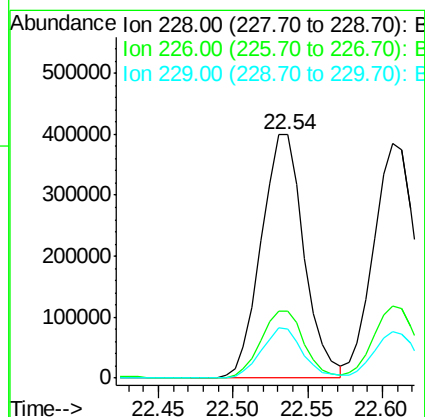
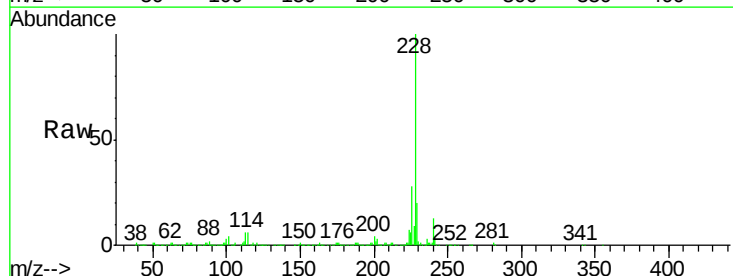
Instrument :
BNA_G
ClientSampleId :

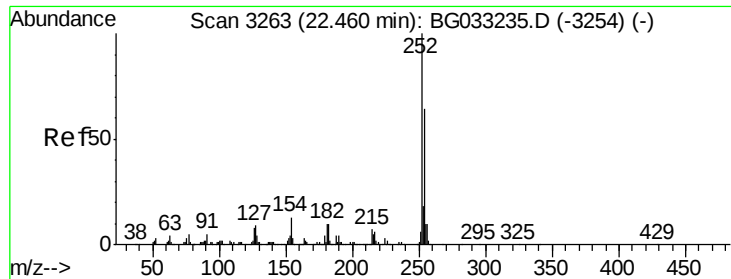
Tot Ion:149 Resp: 336228
Ion Ratio Lower Upper
149 100
91 74.6 62.2 93.2
206 23.8 18.6 27.8



#80
Benzo(a)anthracene
Concen: 37.818 ng
RT: 22.54 min Scan# 3276
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Tgt Ion:228 Resp: 794444
Ion Ratio Lower Upper
228 100
226 27.5 22.7 34.1
229 19.9 16.2 24.2

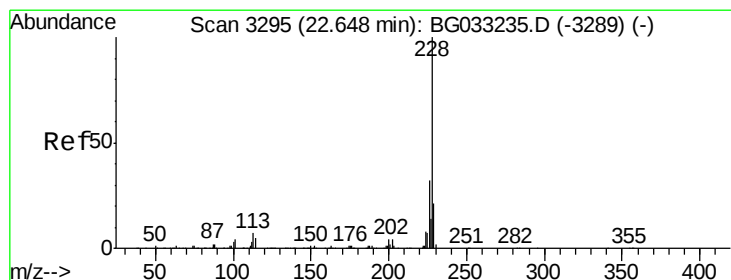
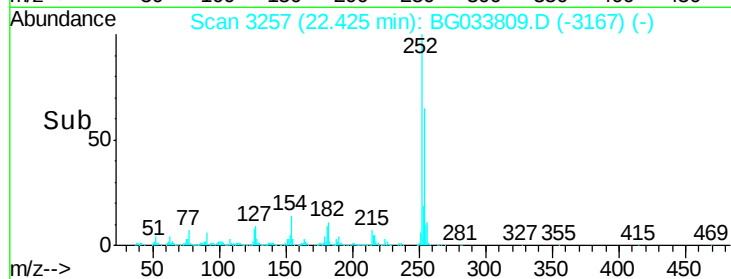
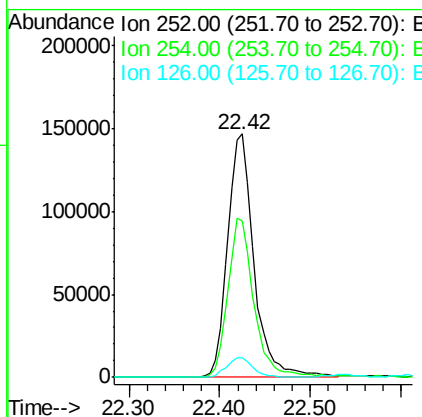
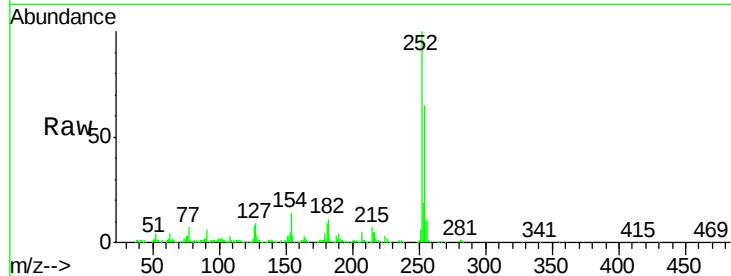




#81
 3,3'-Dichlorobenzidine
 Concen: 39.812 ng
 RT: 22.42 min Scan# 3257
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

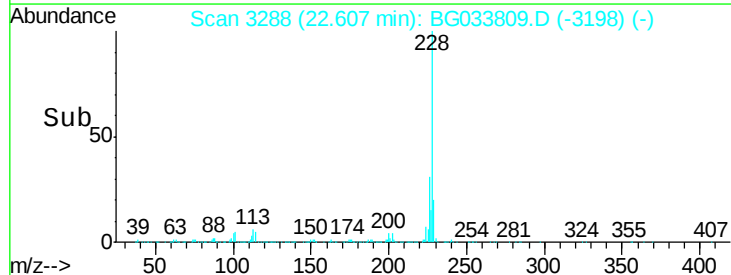
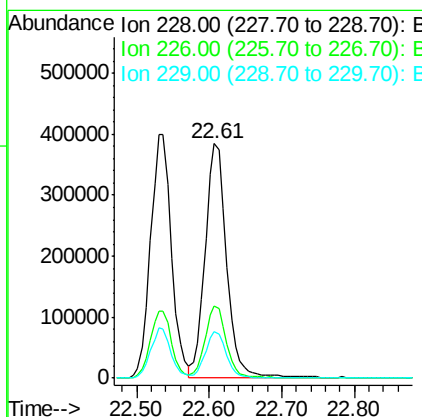
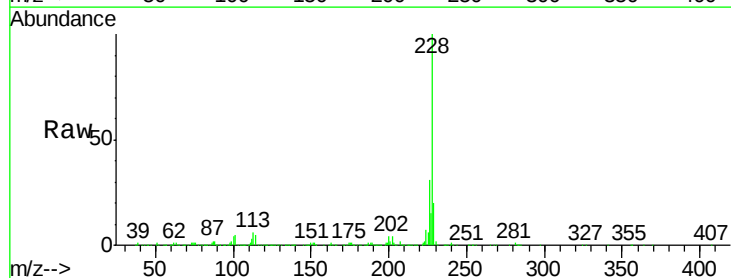
Instrument :
 BNA_G
 ClientSampleId :

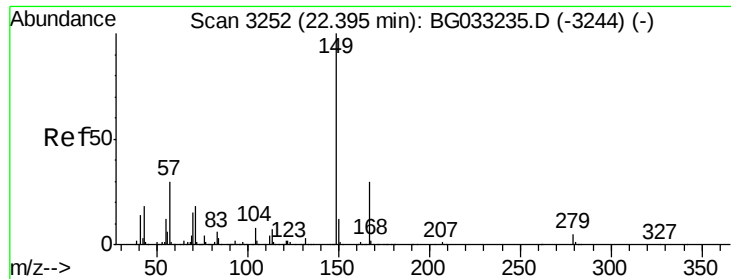
Tot Ion:252 Resp: 297611
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.8 76.2
 126 8.0 7.4 11.2



#82
 Chrysene
 Concen: 38.897 ng
 RT: 22.61 min Scan# 3288
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

Tgt Ion:228 Resp: 790960
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.9 37.3
 229 19.9 15.0 22.4

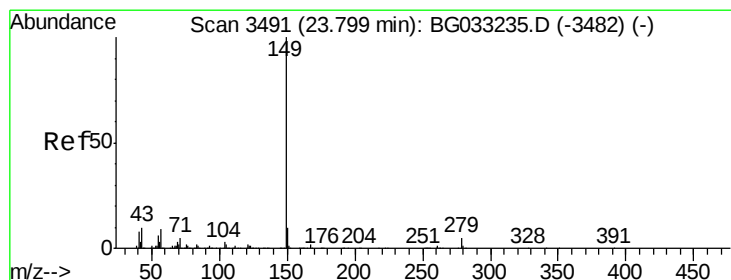
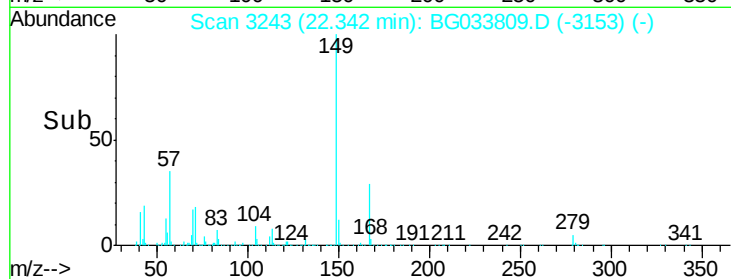
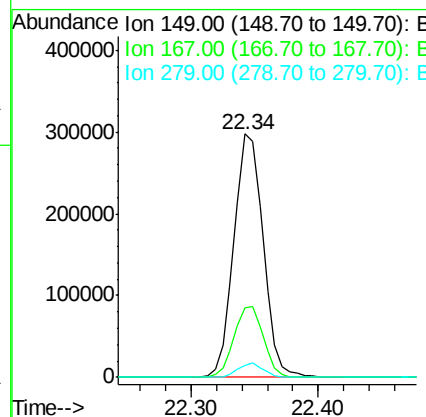
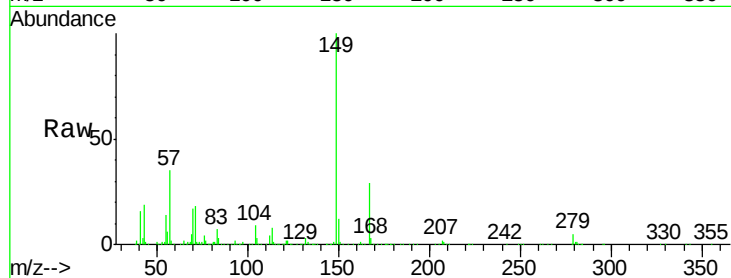




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.472 ng
 RT: 22.34 min Scan# 3243
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

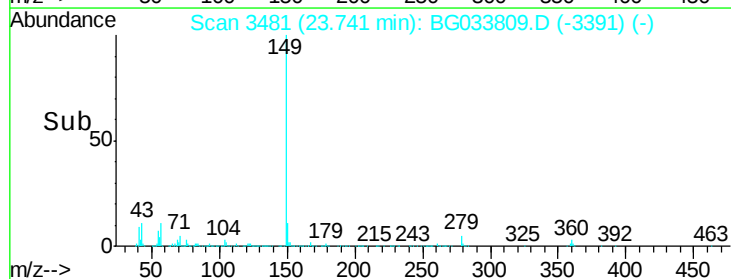
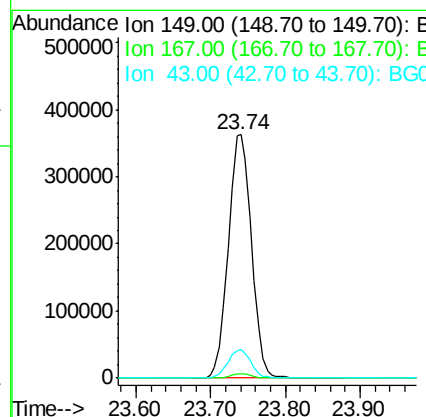
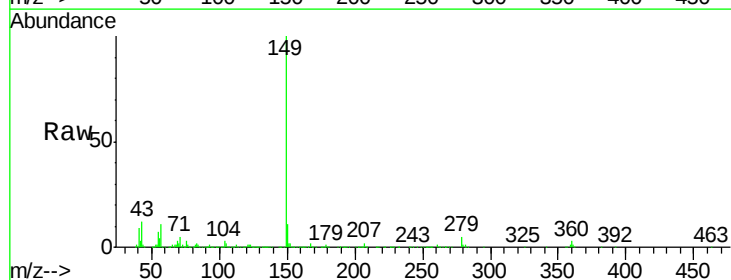
Instrument :
 BNA_G
 ClientSampleId :

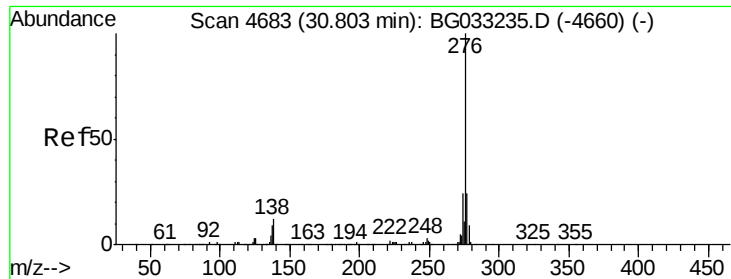
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.8	24.3	36.5
279	5.0	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 45.519 ng
 RT: 23.74 min Scan# 3481
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	11.3	8.9	13.3

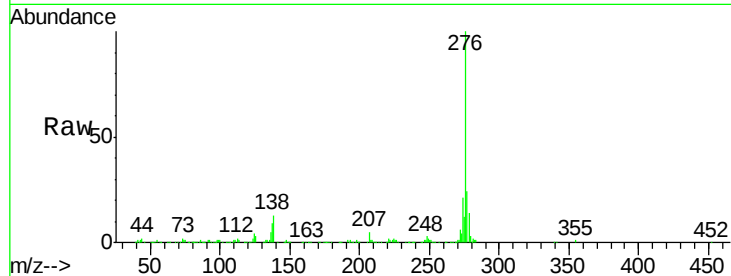




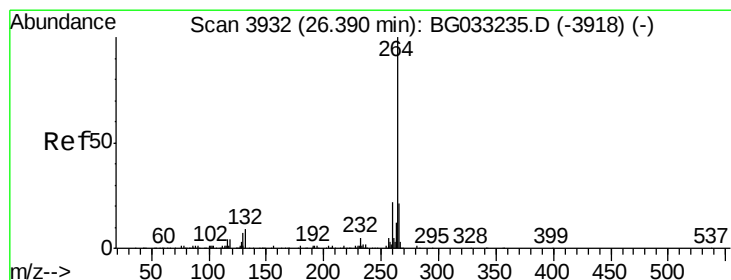
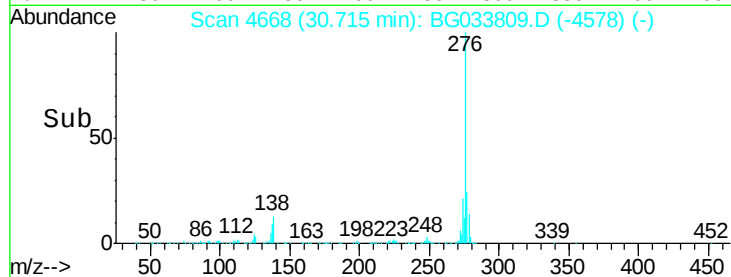
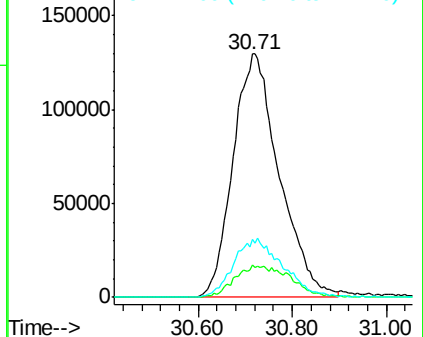
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.296 ng
RT: 30.71 min Scan# 4668
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:276 Resp: 885946
Ion Ratio Lower Upper
276 100
138 9.3 16.0 24.0#
277 25.4 20.0 30.0

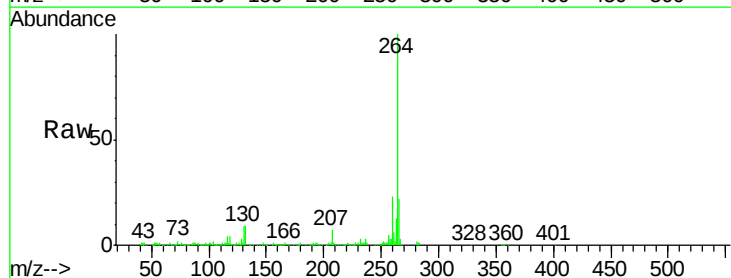


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

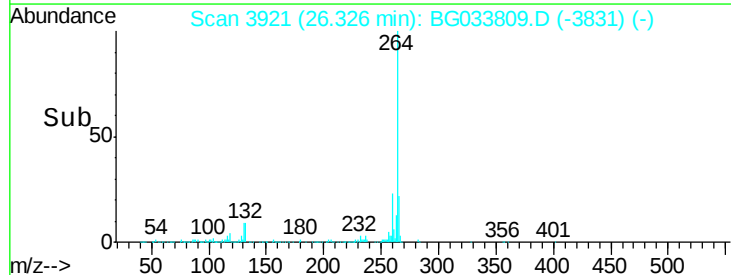
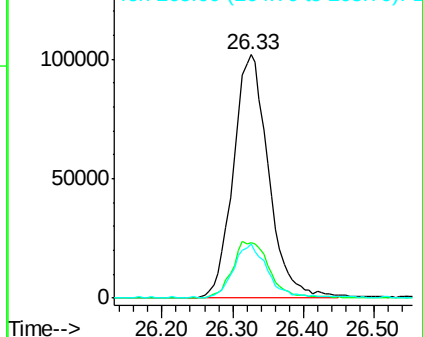


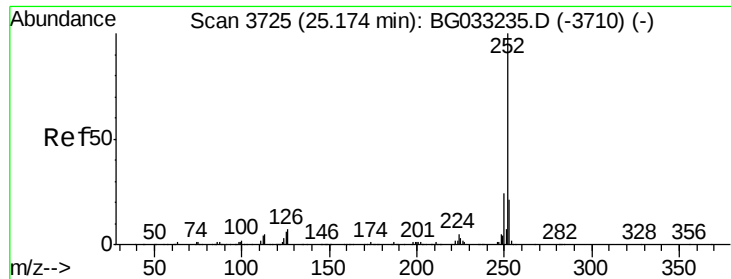
#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3921
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Tgt Ion:264 Resp: 354429
Ion Ratio Lower Upper
264 100
260 22.7 17.4 26.0
265 22.3 17.7 26.5



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

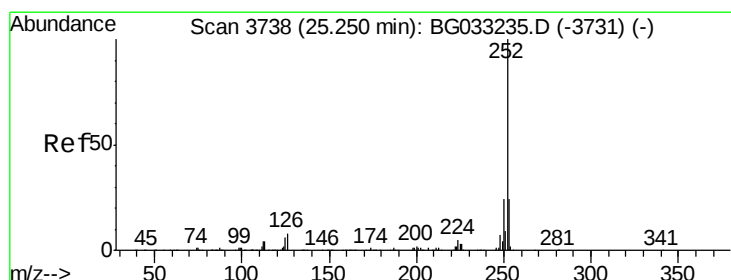
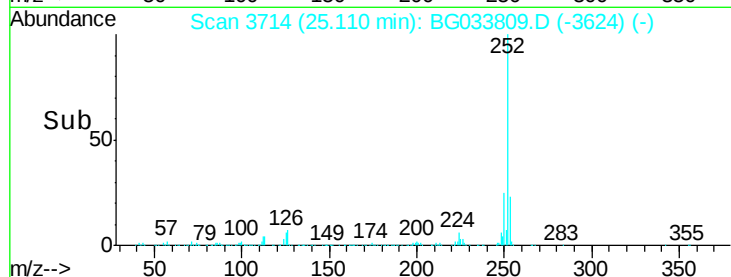
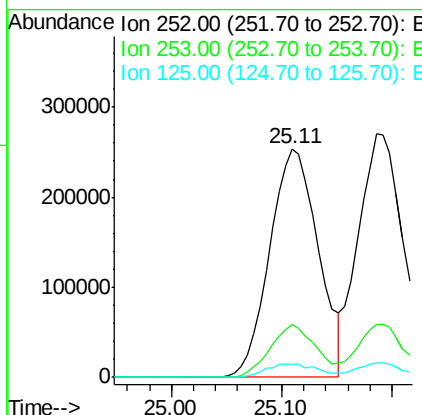
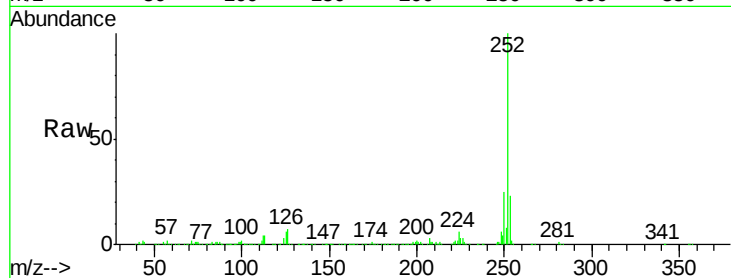




#87
Benzo(b)fluoranthene
Concen: 37.683 ng
RT: 25.11 min Scan# 3714
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

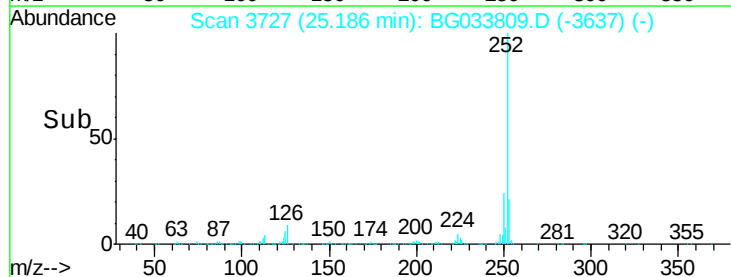
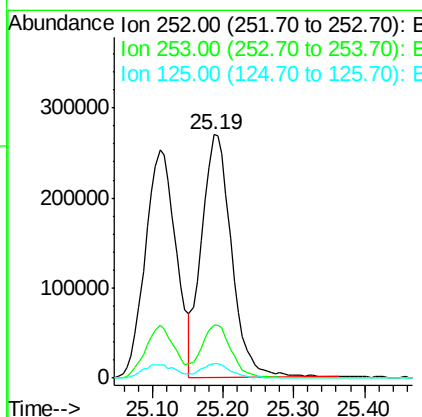
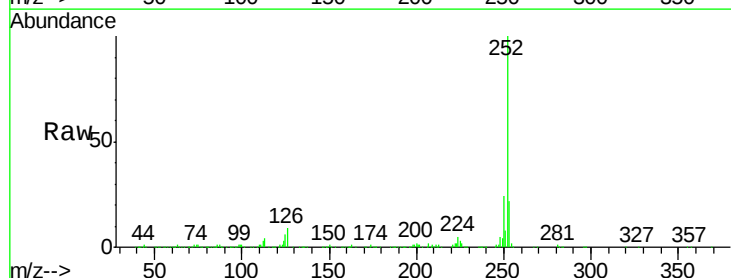
Instrument :
BNA_G
ClientSampleId :

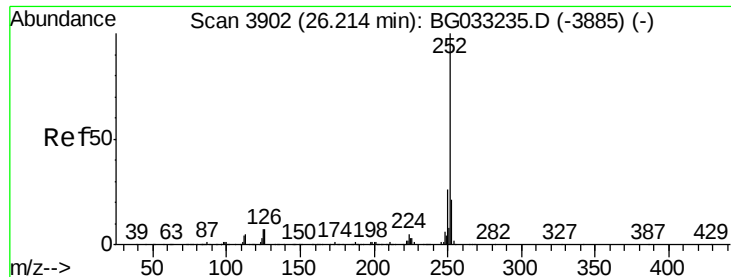
Tot Ion:252 Resp: 771627
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 5.9 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 38.305 ng
RT: 25.19 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Tgt Ion:252 Resp: 793302
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 6.1 6.6 9.8#

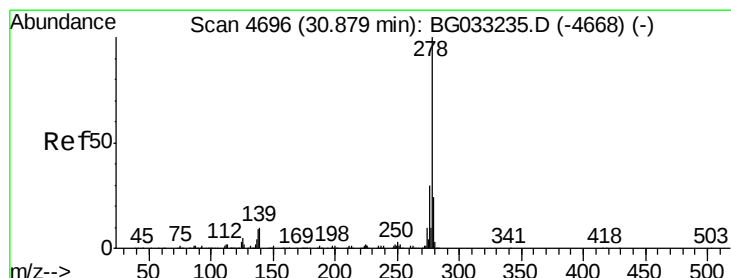
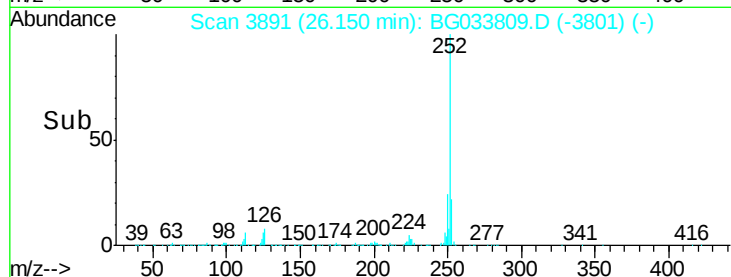
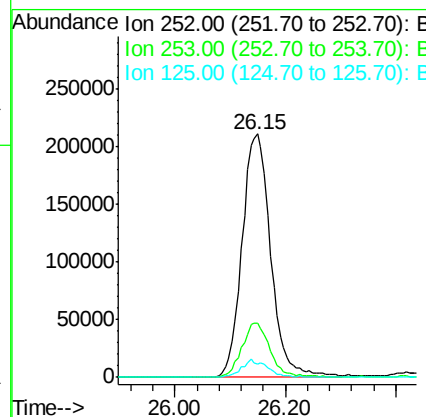
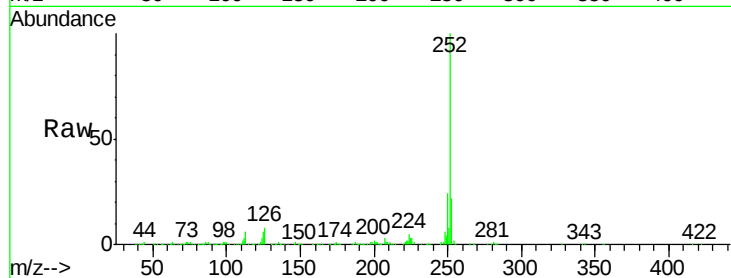




#89
Benzo(a)pyrene
Concen: 38.613 ng
RT: 26.15 min Scan# 3891
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

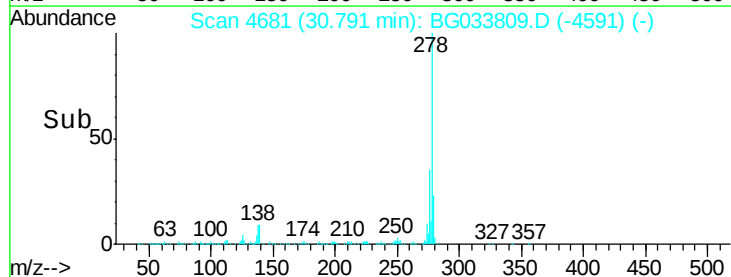
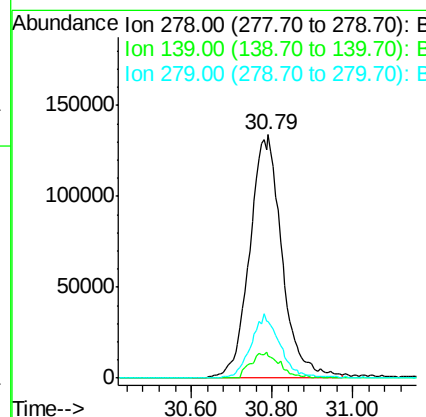
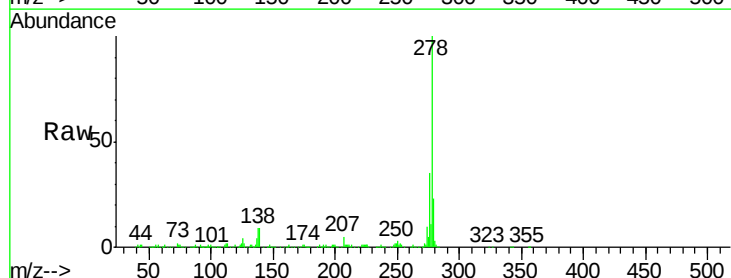
Instrument :
BNA_G
ClientSampleId :

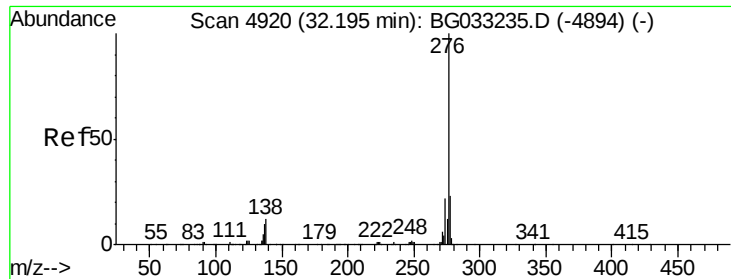
Tot Ion:252 Resp: 759308
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 5.7 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 40.266 ng
RT: 30.79 min Scan# 4681
Delta R.T. 0.00 min
Lab File: BG033809.D
Acq: 16 Apr 2018 10:34

Tgt Ion:278 Resp: 745861
Ion Ratio Lower Upper
278 100
139 9.3 9.8 14.6#
279 23.2 18.4 27.6

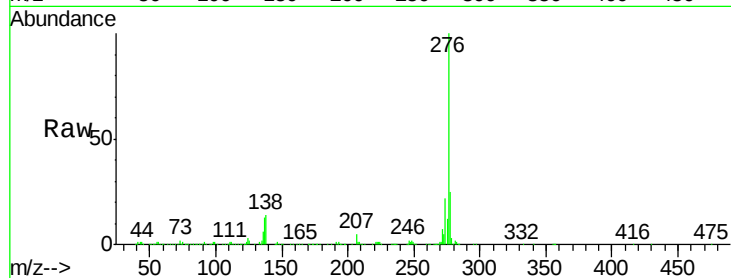




#91
 Benzo(a,h,i)perylene
 Concen: 39.178 ng
 RT: 32.09 min Scan# 4902
 Delta R.T. 0.00 min
 Lab File: BG033809.D
 Acq: 16 Apr 2018 10:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.3	27.5
138	13.9	13.9	20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

