

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
 Data File : BG033857.D
 Acq On : 17 Apr 2018 22:52
 Operator : SJ/JU
 Sample : PB108313BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 18 04:05:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 18:35:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	31594	20.00	ng	0.00
21) Naphthalene-d8	11.71	136	154184	20.00	ng	0.00
38) Acenaphthene-d10	15.44	164	119650	20.00	ng	0.00
63) Phenanthrene-d10	18.18	188	324872	20.00	ng	0.00
75) Chrysene-d12	22.52	240	317891	20.00	ng	-0.01
86) Perylene-d12	26.27	264	346050	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	6.26	112	276633	164.18	ng	0.00
7) Phenol-d6	7.96	99	457461	158.02	ng	0.00
23) Nitrobenzene-d5	10.03	82	298561	88.97	ng	0.00
41) 2,4,6-Tribromophenol	16.92	330	269136	150.40	ng	0.00
44) 2-Fluorobiphenyl	14.07	172	830432	100.20	ng	0.00
78) Terphenyl-d14	20.70	244	1474171	99.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.89	88	37105	43.364	ng	88
3) Pyridine	4.36	79	65868	27.847	ng	96
4) n-Nitrosodimethylamine	4.30	42	29854	30.755	ng	# 76
6) Aniline	8.13	93	55895	16.418	ng	# 76
8) 2-Chlorophenol	8.39	128	107298	55.704	ng	94
9) Benzaldehyde	7.96	77	22583	12.275	ng	83
10) Phenol	7.99	94	137892	48.243	ng	89
11) bis(2-Chloroethyl)ether	8.22	93	92893	39.817	ng	91
12) 1,3-Dichlorobenzene	8.71	146	113191	44.947	ng	97
13) 1,4-Dichlorobenzene	8.87	146	119589	47.417	ng	98
14) 1,2-Dichlorobenzene	9.19	146	115881	47.077	ng	97
15) Benzyl Alcohol	9.09	79	63642	27.921	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	9.34	45	202029	53.119	ng	75
17) 2-Methylphenol	9.63	107	112761	57.911	ng	87
18) Hexachloroethane	9.93	117	53034	54.483	ng	97
19) n-Nitroso-di-n-propylamine	9.63	70	101521	47.857	ng	# 94
20) 3+4-Methylphenols	9.63	107	112761	40.673	ng	90
22) Acetophenone	9.68	105	145218	34.378	ng	# 92
24) Nitrobenzene	10.09	77	141894	39.502	ng	# 84
25) Isophorone	10.58	82	309991	47.593	ng	100
26) 2-Nitrophenol	10.81	139	47448	34.890	ng	# 71
27) 2,4-Dimethylphenol	10.84	122	97144	49.172	ng	90
28) bis(2-Chloroethoxy)methane	11.08	93	150562	46.330	ng	97
29) 2,4-Dichlorophenol	11.36	162	114752	47.231	ng	90
30) 1,2,4-Trichlorobenzene	11.56	180	137598	43.591	ng	94
31) Naphthalene	11.76	128	376546	47.128	ng	98
32) Benzoic acid	10.84	122	97144	52.896	ng	# 15
33) 4-Chloroaniline	11.91	127	10525	2.940	ng	# 77
34) Hexachlorobutadiene	12.01	225	107118	44.874	ng	95
35) Caprolactam	12.61	113	35107	36.884	ng	98
36) 4-Chloro-3-methylphenol	12.95	107	140109	44.215	ng	93
37) 2-Methylnaphthalene	13.31	142	272471	43.936	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.67	216	185488	42.798	ng	98
40) Hexachlorocyclopentadiene	13.63	237	223094	87.807	ng	93

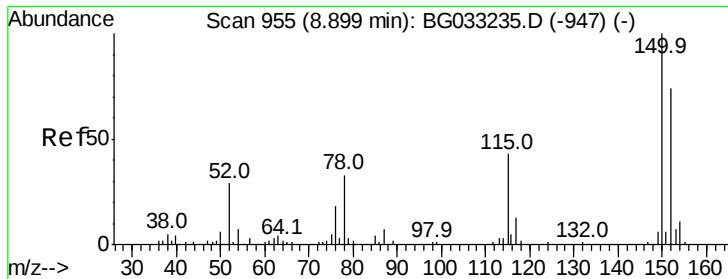
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
 Data File : BG033857.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 18:35:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.90	196	106734	42.387	nq	97
43) 2,4,5-Trichlorophenol	13.99	196	126172	42.391	nq	98
45) 1,1'-Biphenyl	14.29	154	421042	45.803	nq	96
46) 2-Chloronaphthalene	14.35	162	311860	43.999	nq	98
47) 2-Nitroaniline	14.56	65	109811	41.363	nq	92
48) Acenaphthylene	15.18	152	527349	44.574	nq	99
49) Dimethylphthalate	14.87	163	454501	43.648	nq	99
50) 2,6-Dinitrotoluene	15.01	165	92660	43.520	nq #	86
51) Acenaphthene	15.51	154	298743	39.171	nq	98
52) 3-Nitroaniline	15.38	138	42948	19.240	nq #	86
53) 2,4-Dinitrophenol	15.57	184	58070	55.278	nq	95
54) Dibenzofuran	15.84	168	534207	47.419	nq	94
55) 4-Nitrophenol	15.68	139	111478	71.023	nq #	83
56) 2,4-Dinitrotoluene	15.80	165	148244	47.288	nq	98
57) Fluorene	16.48	166	448513	46.732	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.06	232	120132	42.873	nq	91
59) Diethylphthalate	16.21	149	461171	45.610	nq	98
60) 4-Chlorophenyl-phenylether	16.46	204	253793	46.002	nq	98
61) 4-Nitroaniline	16.54	138	59036	26.117	nq #	83
62) Azobenzene	16.75	77	464872	47.462	nq	96
64) 4,6-Dinitro-2-methylphenol	16.55	198	71308	36.691	nq	90
65) n-Nitrosodiphenylamine	16.68	169	410017	44.208	nq	98
66) 4-Bromophenyl-phenylether	17.35	248	168591	44.188	nq	95
67) Hexachlorobenzene	17.48	284	170815	42.422	nq	95
68) Atrazine	17.59	200	167866	44.666	nq	99
69) Pentachlorophenol	17.82	266	189845	68.694	nq	97
70) Phenanthrene	18.22	178	736600	43.536	nq	98
71) Anthracene	18.32	178	834316	48.701	nq	98
72) Carbazole	18.58	167	662322	43.629	nq	97
73) Di-n-butylphthalate	19.06	149	807744	45.714	nq #	99
74) Fluoranthene	20.18	202	954642	45.595	nq	98
76) Benzidine	20.36	184	160341	18.599	nq	96
77) Pyrene	20.53	202	942377	44.449	nq	98
79) Butylbenzylphthalate	21.38	149	366120	46.796	nq	98
80) Benzo(a)anthracene	22.50	228	915539	45.230	nq	99
81) 3,3'-Dichlorobenzidine	22.39	252	148016	20.549	nq	99
82) Chrysene	22.58	228	890246	45.434	nq	99
83) Bis(2-ethylhexyl)phthalate	22.31	149	513681	47.628	nq	98
84) Di-n-octyl phthalate	23.69	149	880940	53.347	nq	100
85) Indeno(1,2,3-cd)pyrene	30.63	276	1046901	49.417	nq #	95
87) Benzo(b)fluoranthene	25.06	252	872865	43.659	nq #	96
88) Benzo(k)fluoranthene	25.14	252	948948	46.930	nq #	98
89) Benzo(a)pyrene	26.09	252	910055	47.399	nq #	97
90) Dibenzo(a,h)anthracene	30.68	278	886820	49.035	nq	97
91) Benzo(g,h,i)perylene	31.99	276	874352	48.822	nq #	96

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

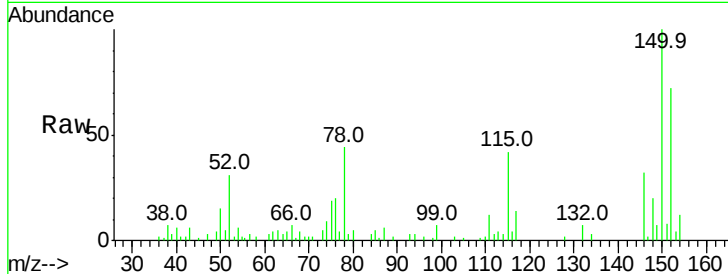


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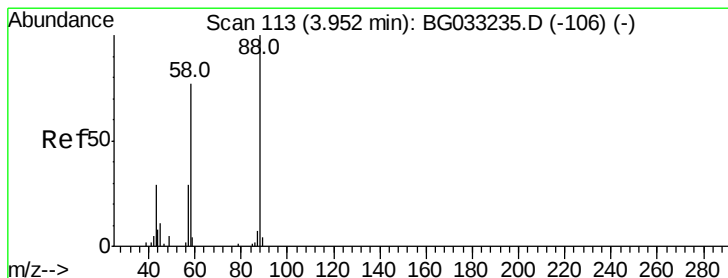
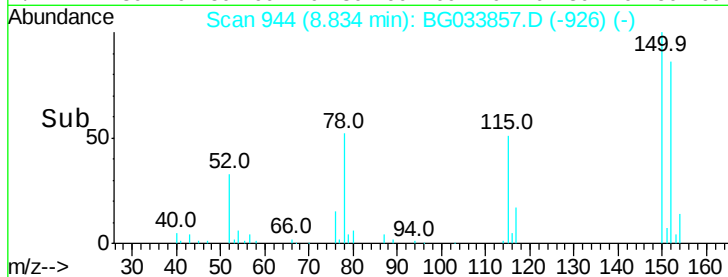
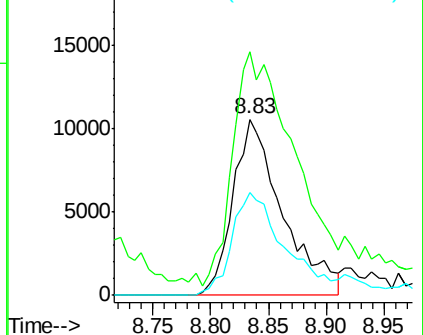
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 31594
Ion Ratio Lower Upper
152 100
150 138.3 126.6 189.8
115 58.7 53.0 79.4



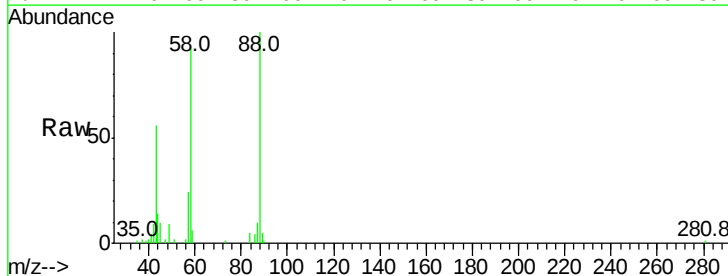
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



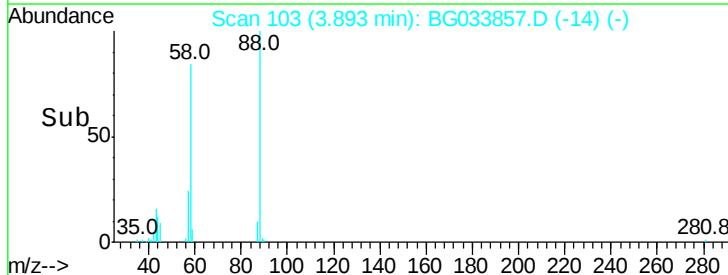
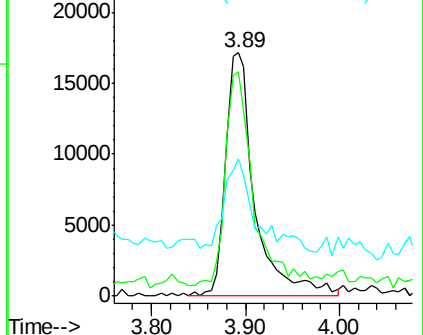
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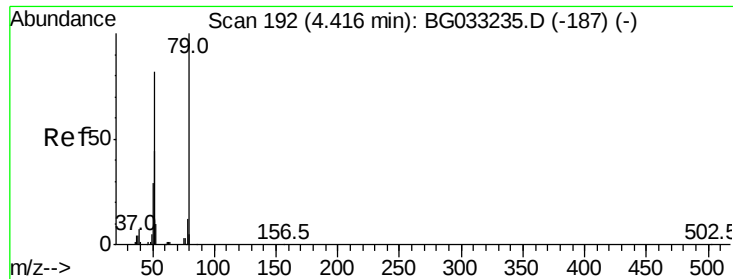
1,4-Dioxane
Concen: 43.364 ng
RT: 3.89 min Scan# 103
Delta R.T. -0.01 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

Tgt Ion: 88 Resp: 37105
Ion Ratio Lower Upper
88 100
58 83.4 79.6 119.4
43 34.2 27.4 41.0



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





#3

Pvridine

Concen: 27.847 ng

RT: 4.36 min Scan# 183

Delta R.T. -0.01 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Instrument :

BNA_G

ClientSampleId :

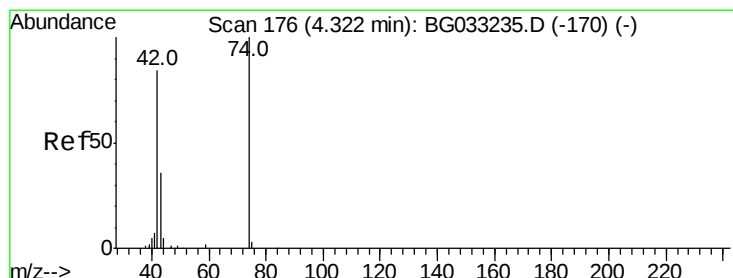
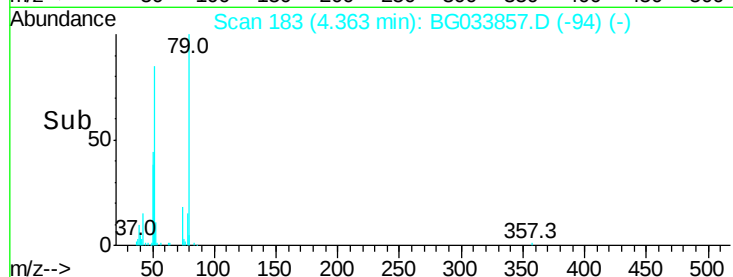
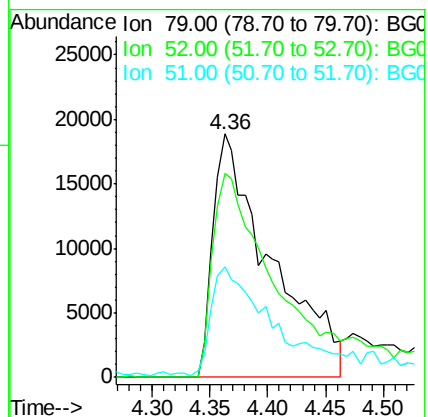
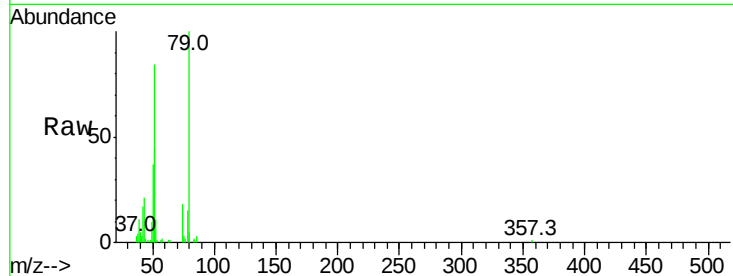
Tot Ion: 79 Resp: 65868

Ion Ratio Lower Upper

79 100

52 83.6 69.9 104.9

51 45.4 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 30.755 ng

RT: 4.30 min Scan# 173

Delta R.T. -0.01 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

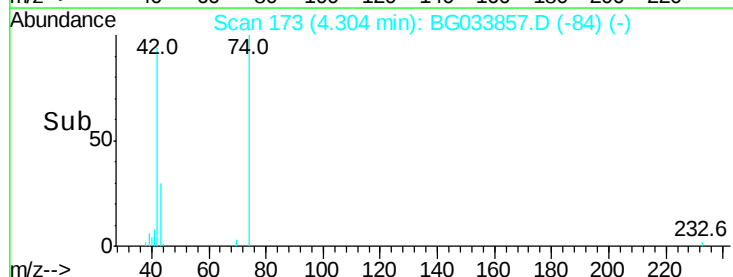
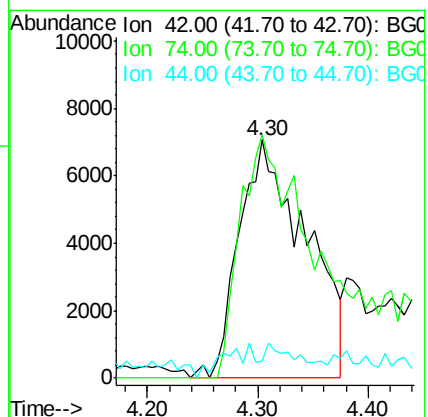
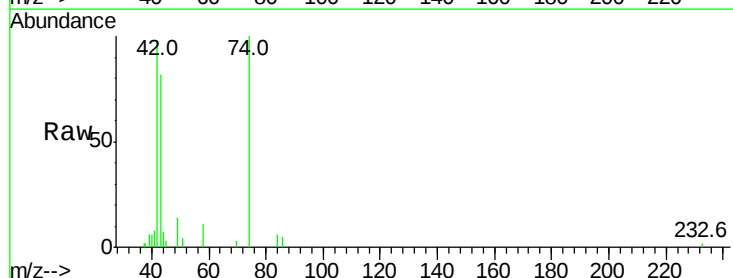
Tgt Ion: 42 Resp: 29854

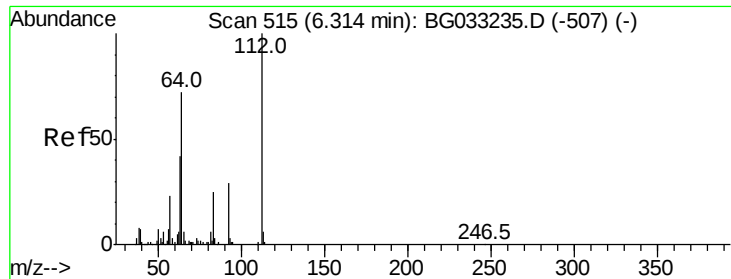
Ion Ratio Lower Upper

42 100

74 102.3 102.5 153.7#

44 6.9 18.9 28.3#





#5

2-Fluorophenol

Concen: 164.183 ng

RT: 6.26 min Scan# 506

Delta R.T. -0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Instrument :

BNA_G

ClientSampleId :

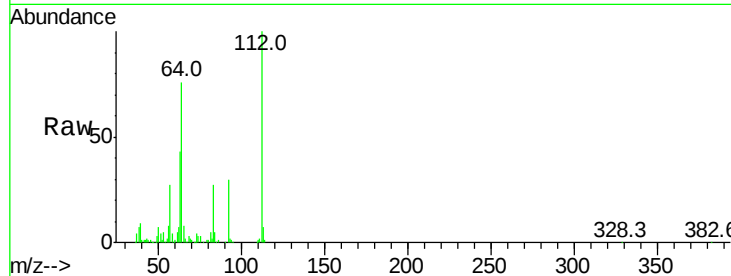
Tot Ion:112 Resp: 276633

Ion Ratio Lower Upper

112 100

64 75.7 56.3 84.5

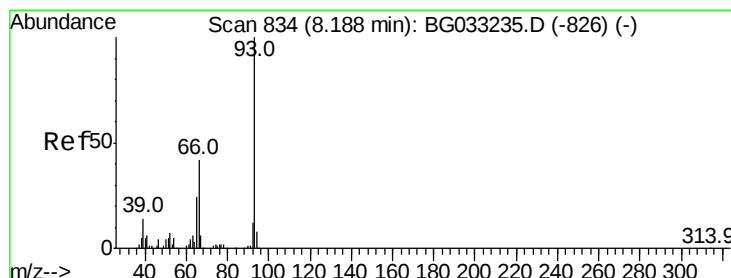
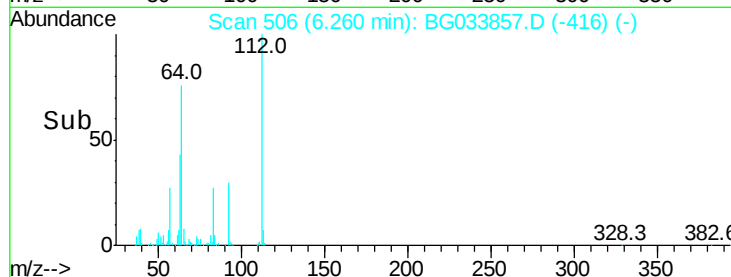
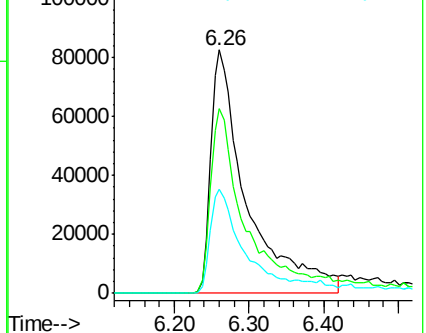
63 42.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.418 ng

RT: 8.13 min Scan# 824

Delta R.T. 0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

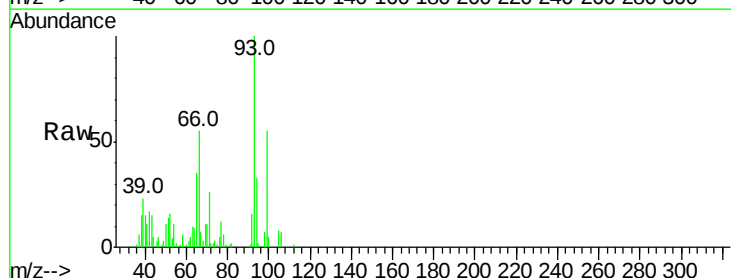
Tgt Ion: 93 Resp: 55895

Ion Ratio Lower Upper

93 100

66 54.8 33.7 50.5#

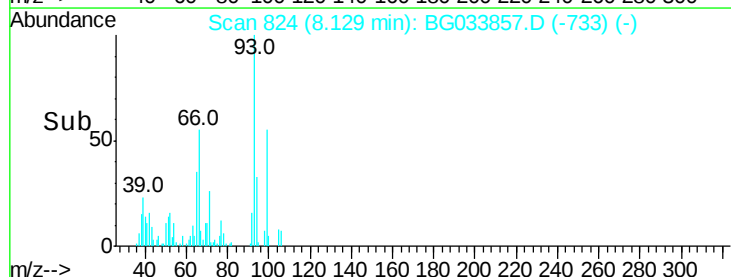
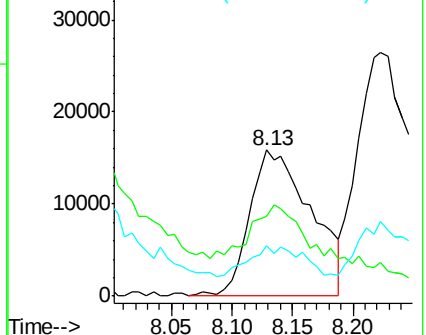
65 34.9 16.1 24.1#

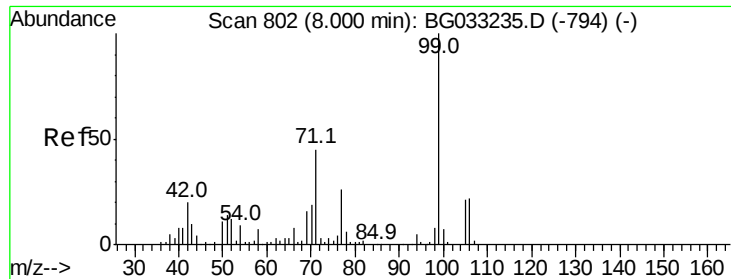


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 158.017 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Instrument :

BNA_G

ClientSampleId :

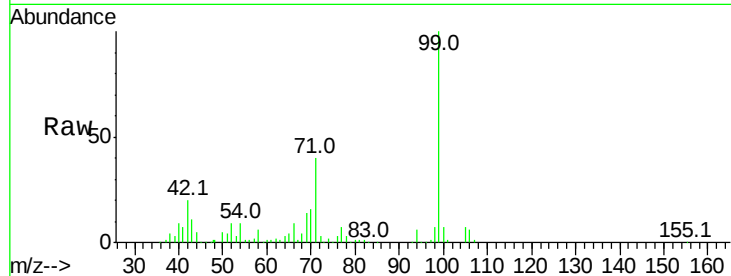
Tot Ion: 99 Resp: 457461

Ion Ratio Lower Upper

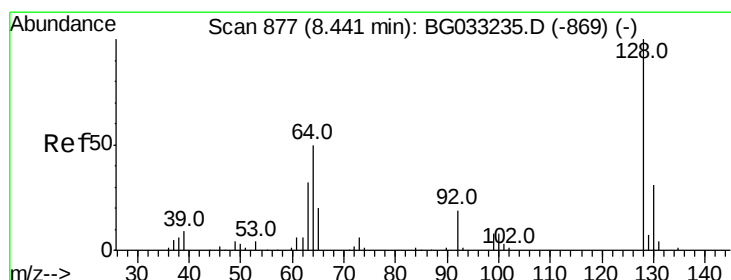
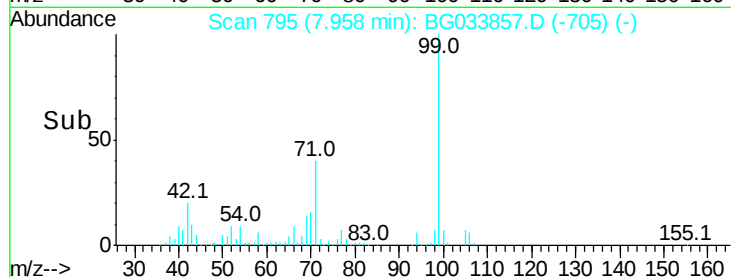
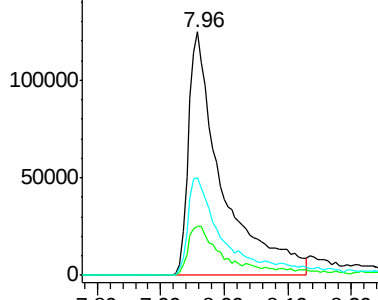
99 100

42 20.1 14.1 21.1

71 40.2 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 55.704 ng

RT: 8.39 min Scan# 868

Delta R.T. 0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

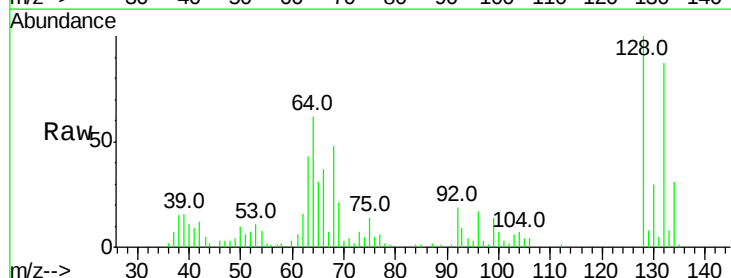
Tgt Ion: 128 Resp: 107298

Ion Ratio Lower Upper

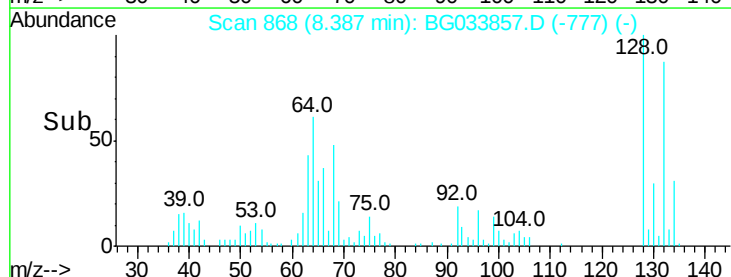
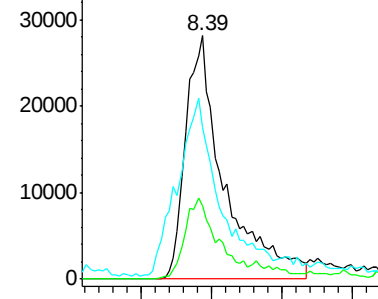
128 100

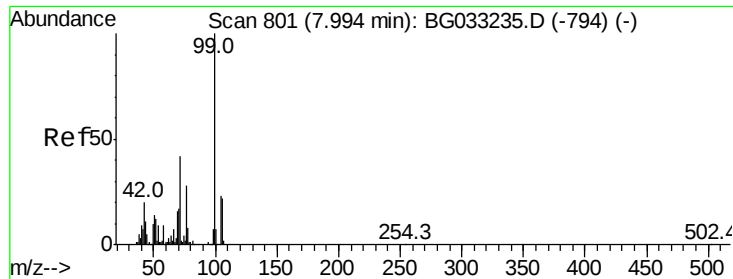
130 30.1 14.0 54.0

64 62.1 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: 12.275 ng

RT: 7.96 min Scan# 796

Delta R.T. 0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Instrument :

BNA_G

ClientSampleId :

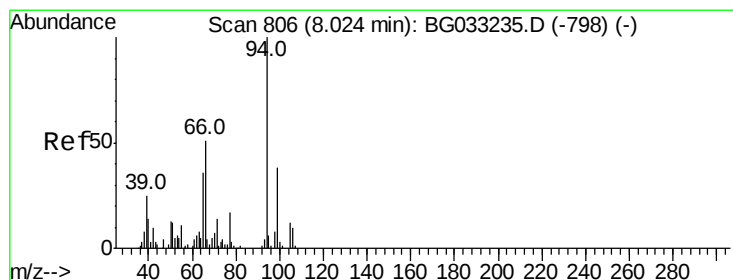
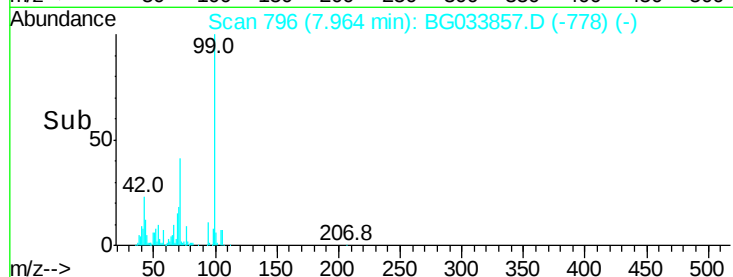
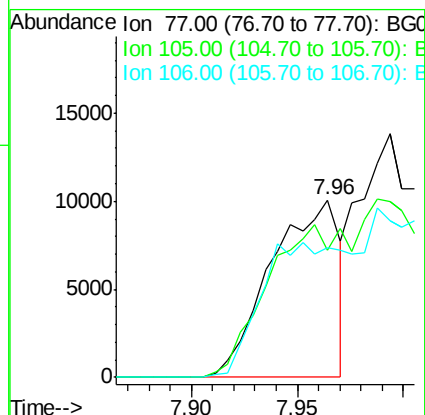
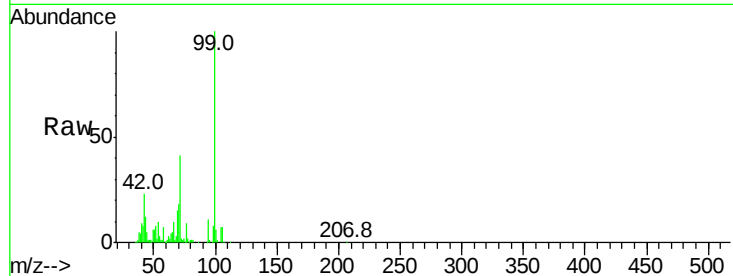
Tot Ion: 77 Resp: 22583

Ion Ratio Lower Upper

77 100

105 72.0 71.3 111.3

106 72.9 64.2 104.2



#10

Phenol

Concen: 48.243 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

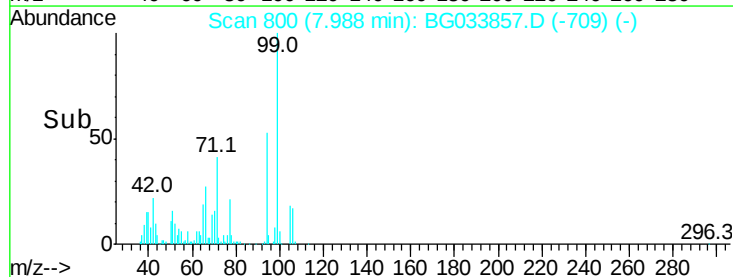
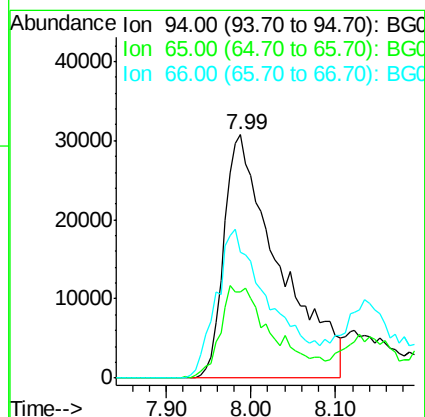
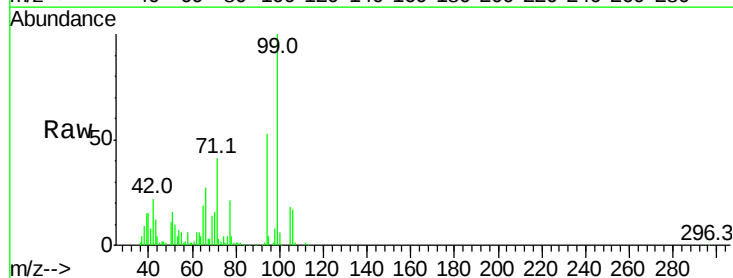
Tgt Ion: 94 Resp: 137892

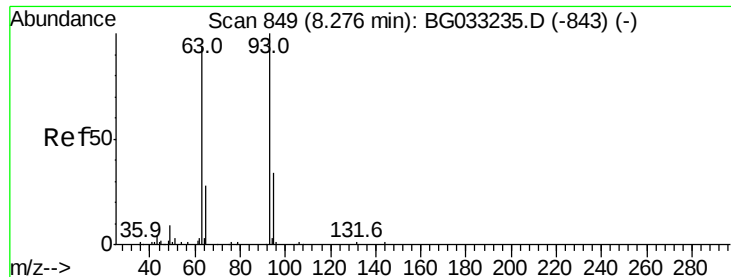
Ion Ratio Lower Upper

94 100

65 35.6 11.9 51.9

66 51.5 22.2 62.2

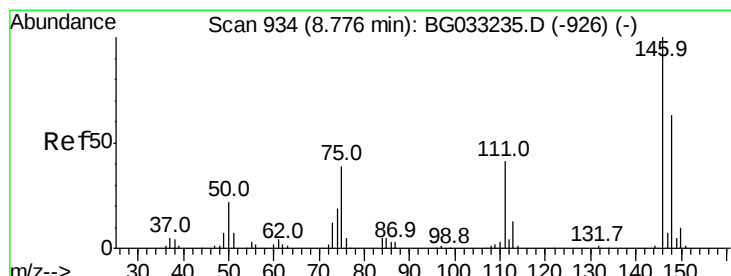
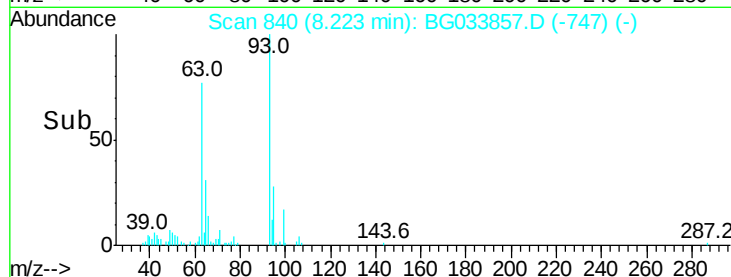
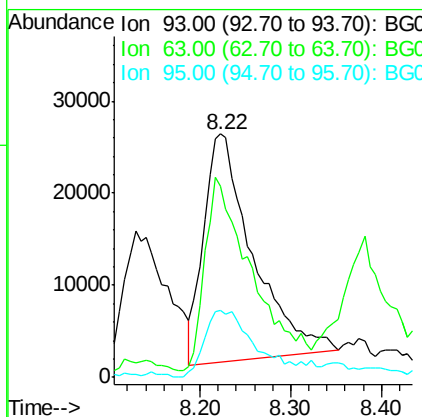
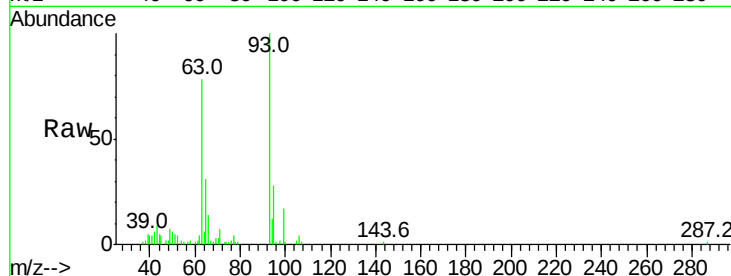




#11
bis(2-Chloroethyl)ether
Concen: 39.817 ng
RT: 8.22 min Scan# 840
Delta R.T. 0.01 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

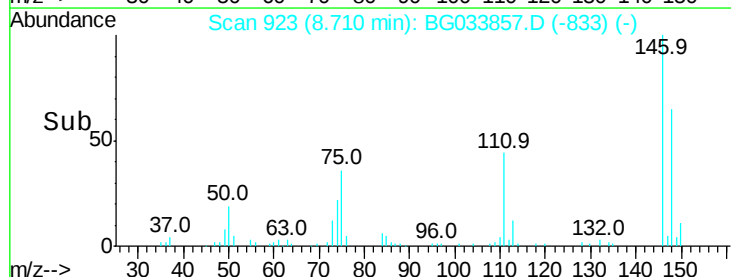
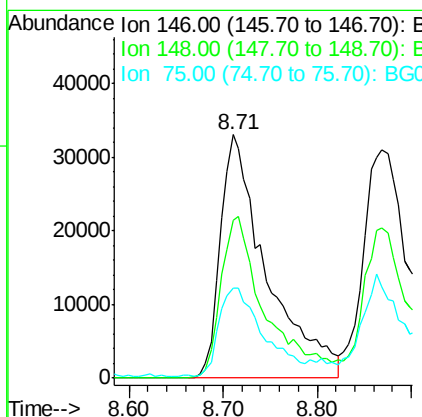
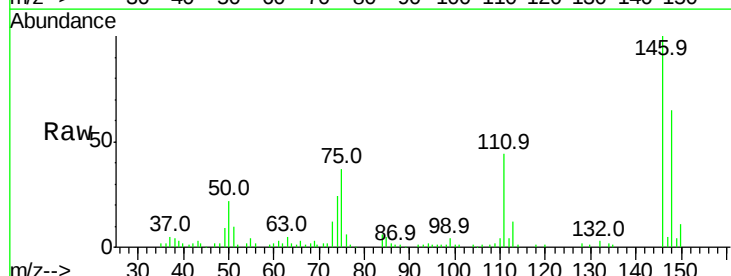
Instrument :
BNA_G
ClientSampleId :

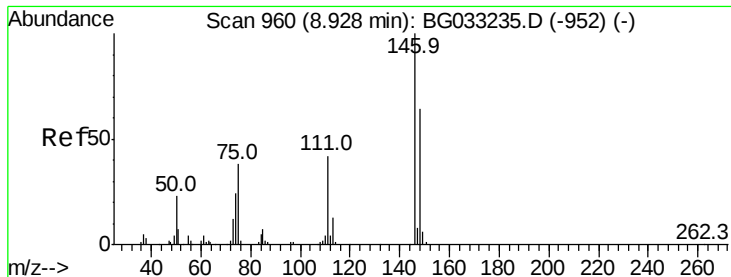
Tot Ion: 93 Resp: 92893
Ion Ratio Lower Upper
93 100
63 78.3 67.1 107.1
95 27.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 44.947 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.00 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

Tgt Ion: 146 Resp: 113191
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.2
75 36.8 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 47.417 ng

RT: 8.87 min Scan# 950

Delta R.T. 0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Instrument :

BNA_G

ClientSampleId :

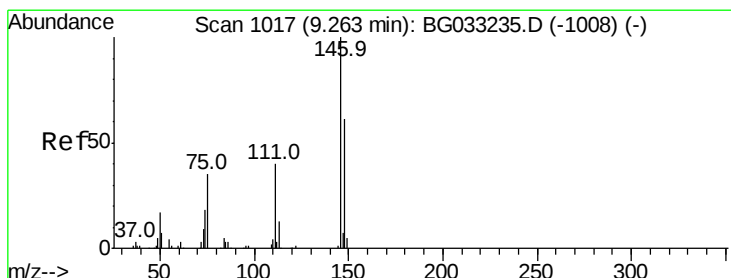
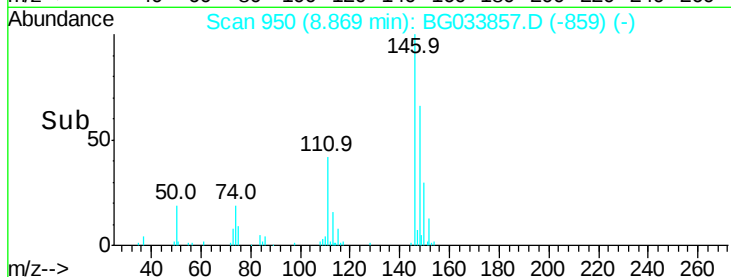
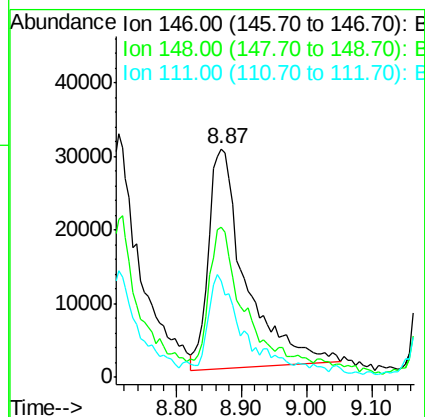
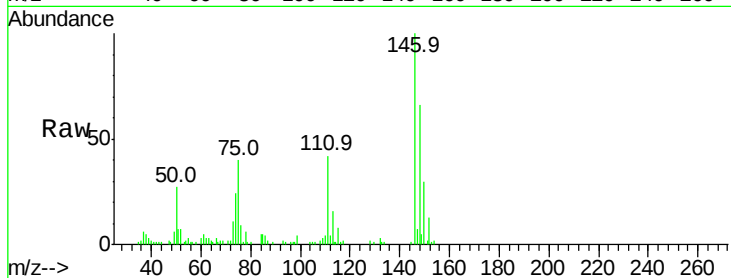
Tot Ion:146 Resp: 119589

Ion Ratio Lower Upper

146 100

148 66.0 53.7 80.5

111 42.4 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 47.077 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

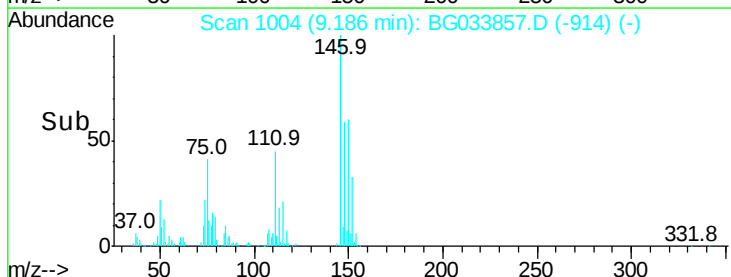
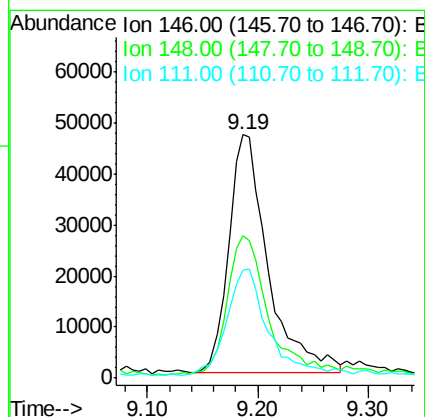
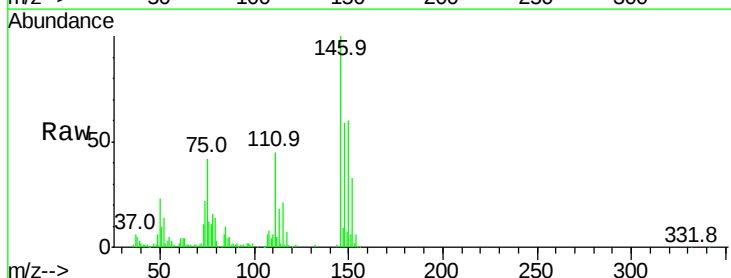
Tgt Ion:146 Resp: 115881

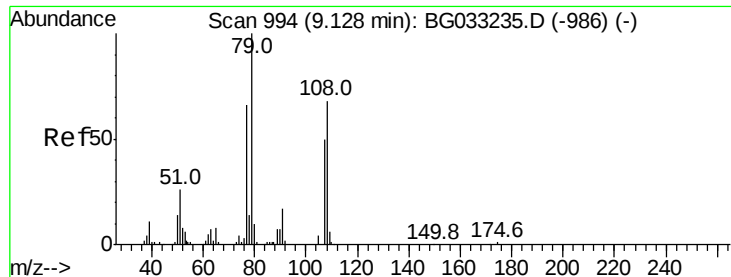
Ion Ratio Lower Upper

146 100

148 58.6 49.3 73.9

111 44.6 34.3 51.5





#15

Benzyl Alcohol

Concen: 27.921 ng

RT: 9.09 min Scan# 987

Delta R.T. 0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Instrument :

BNA_G

ClientSampled :

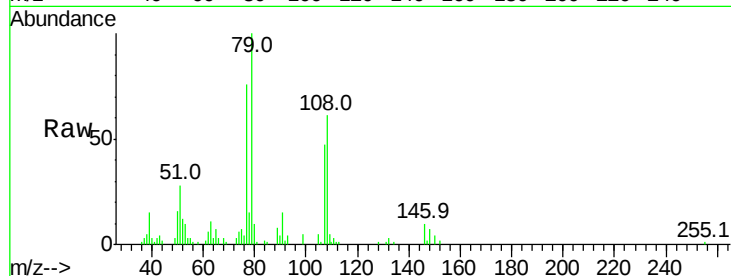
Tot Ion: 79 Resp: 63642

Ion Ratio Lower Upper

79 100

108 61.2 57.2 85.8

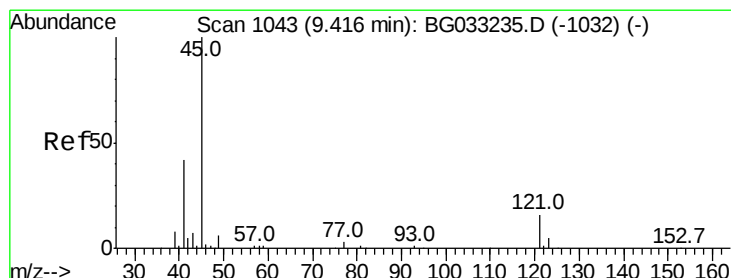
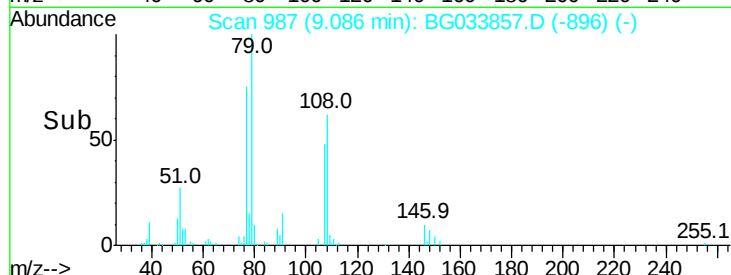
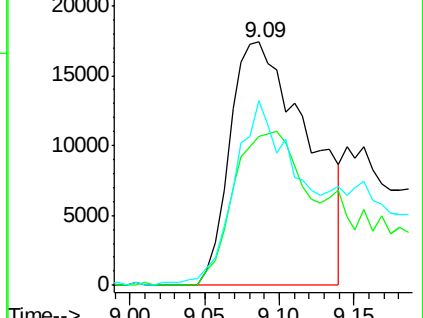
77 75.8 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 53.119 ng

RT: 9.34 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

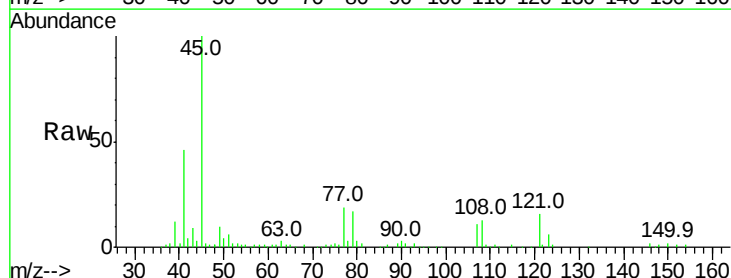
Tgt Ion: 45 Resp: 202029

Ion Ratio Lower Upper

45 100

77 18.8 0.0 30.2

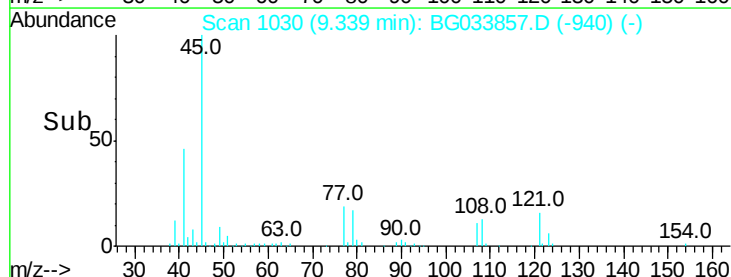
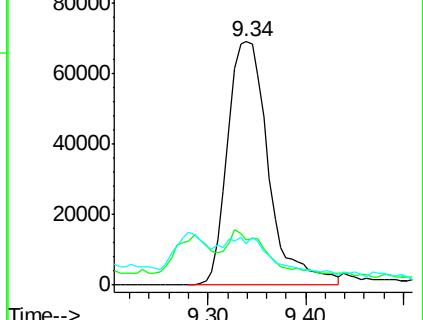
79 17.2 0.0 27.9

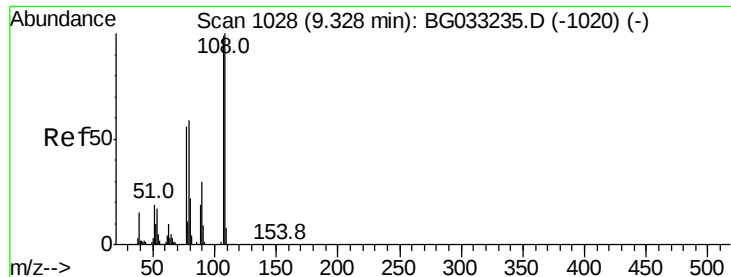


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 57.911 ng

RT: 9.63 min Scan# 1079

Delta R.T. 0.35 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 112761

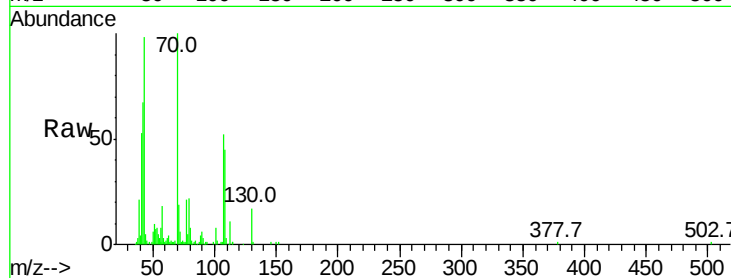
Ion Ratio Lower Upper

107 100

108 86.5 83.9 125.9

77 39.7 37.2 55.8

79 41.8 36.2 54.2



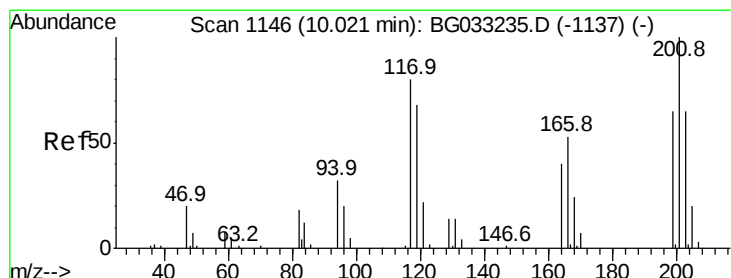
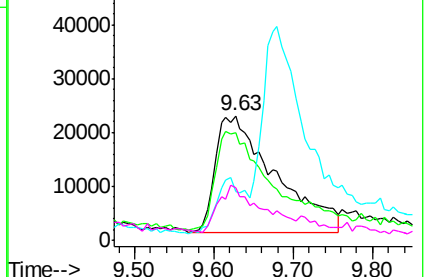
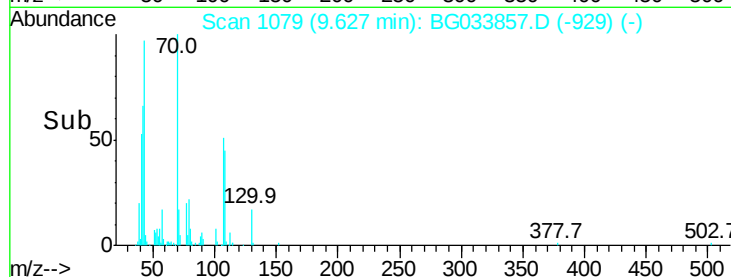
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

Time-->



#18

Hexachloroethane

Concen: 54.483 ng

RT: 9.93 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

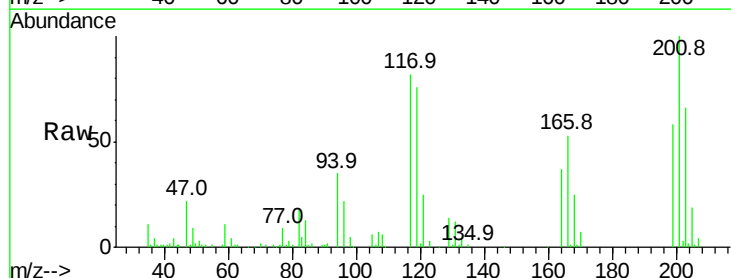
Tgt Ion:117 Resp: 53034

Ion Ratio Lower Upper

117 100

119 93.8 76.7 115.1

201 122.7 95.7 143.5

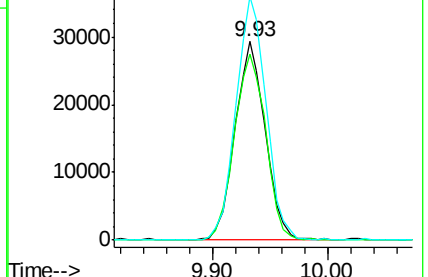
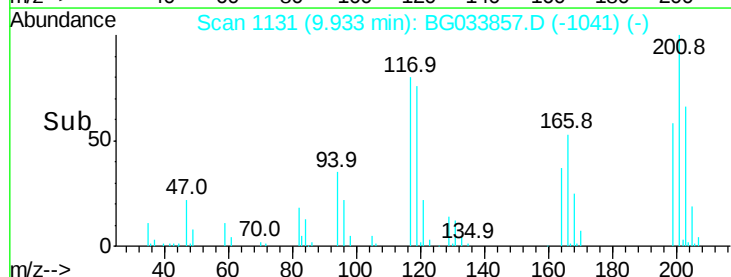


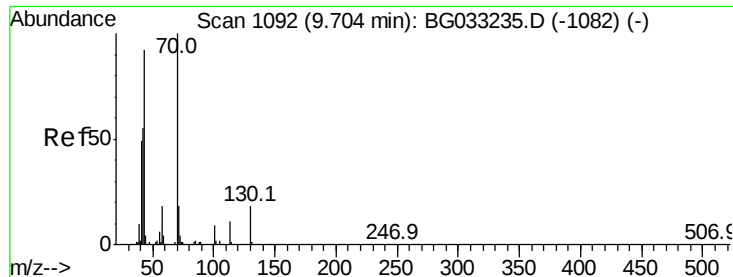
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

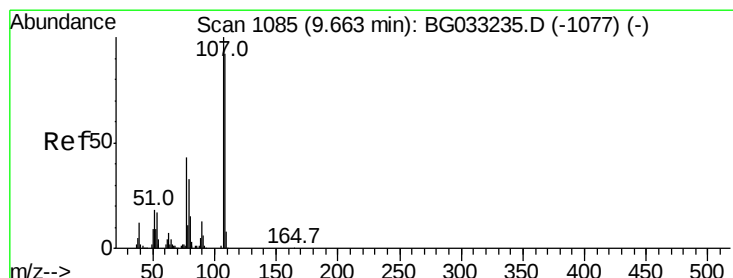
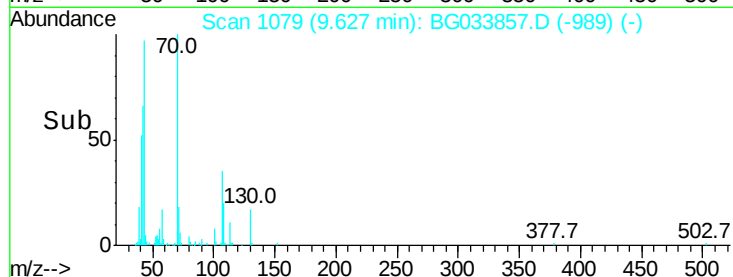
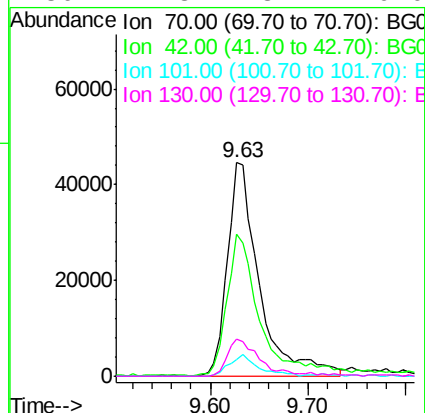
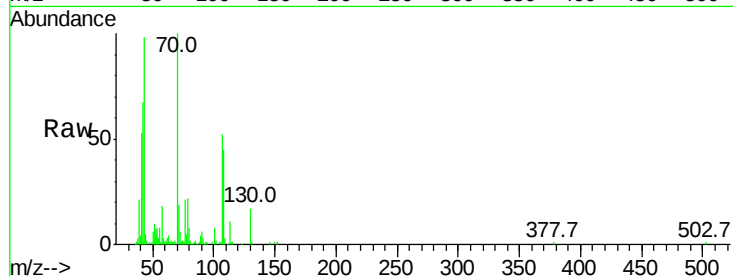




#19
n-Nitroso-di-n-propylamine
Concen: 47.857 ng
RT: 9.63 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

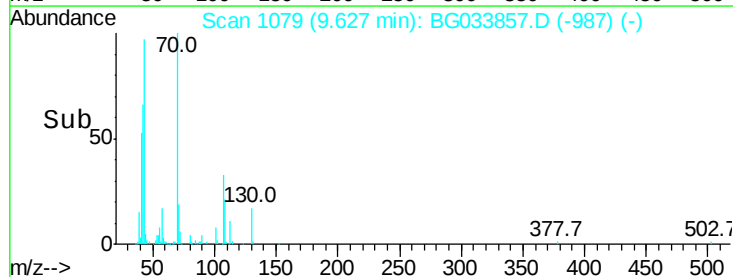
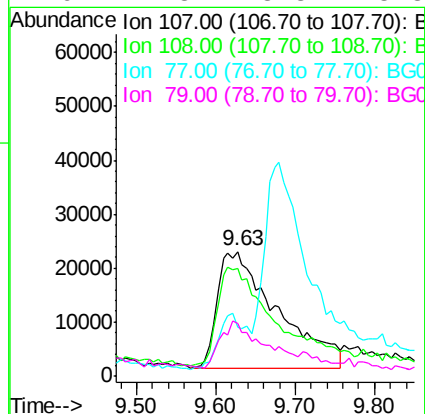
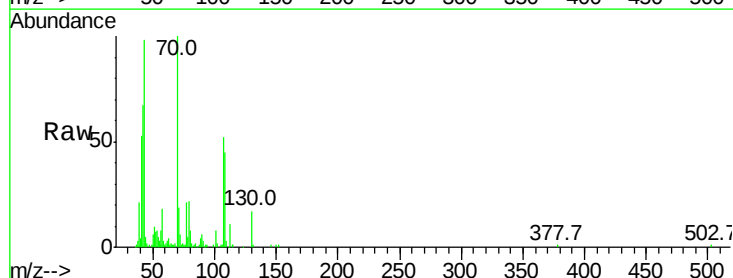
Instrument :
BNA_G
ClientSampleId :

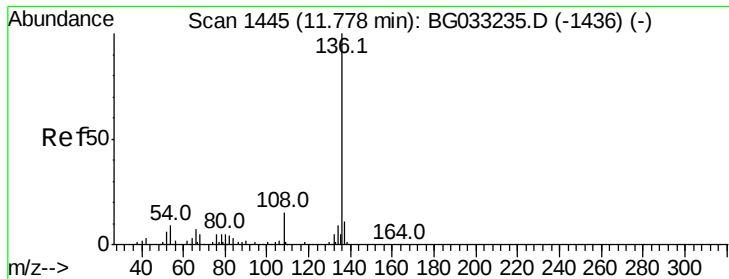
Tot Ion: 70 Resp: 101521
Ion Ratio Lower Upper
70 100
42 66.7 49.1 73.7
101 7.8 8.5 12.7#
130 17.3 13.4 20.0



#20
3+4-Methylphenols
Concen: 40.673 ng
RT: 9.63 min Scan# 1079
Delta R.T. 0.01 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

Tgt Ion:107 Resp: 112761
Ion Ratio Lower Upper
107 100
108 86.5 61.6 101.6
77 39.7 13.9 53.9
79 41.8 8.8 48.8

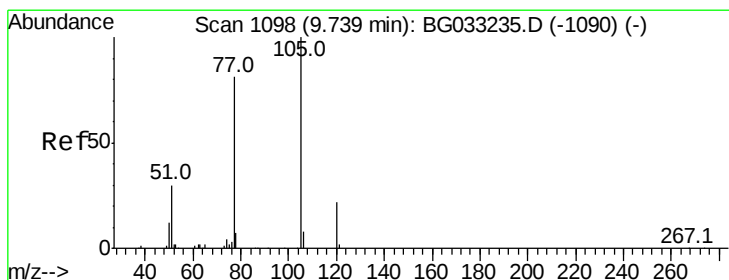
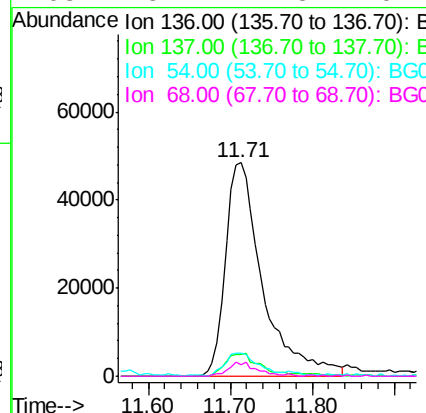
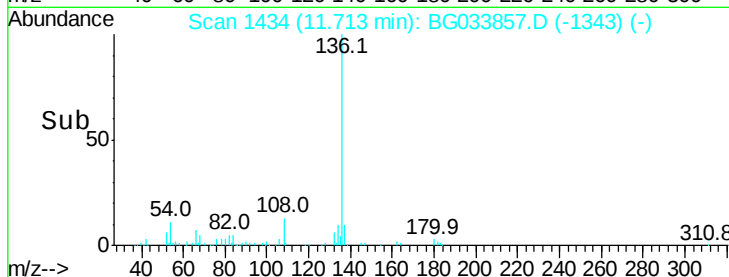
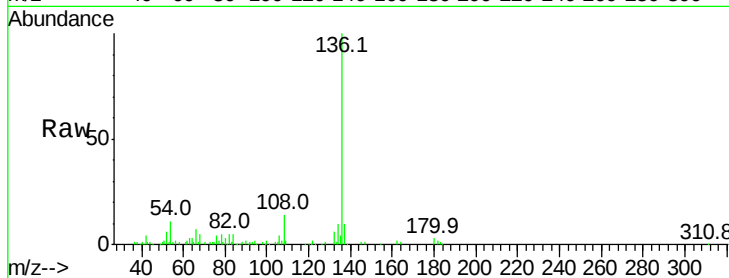




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

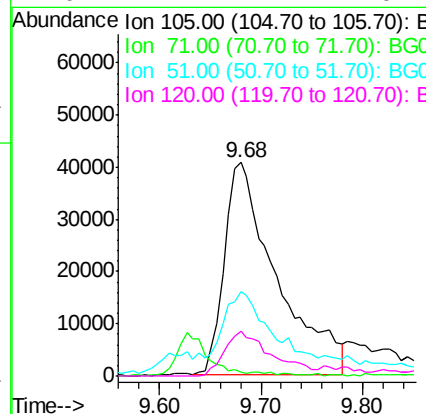
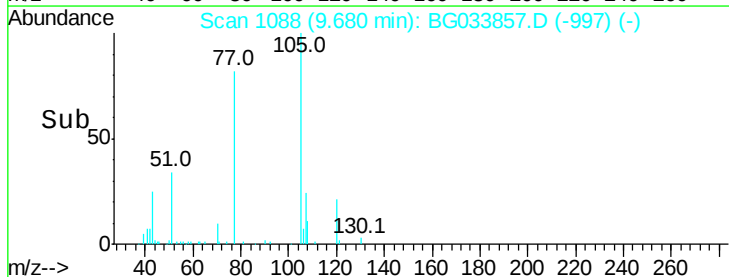
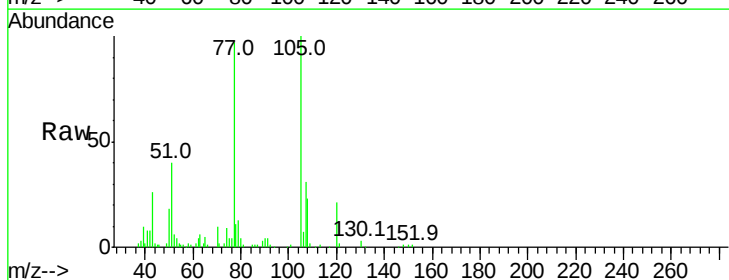
Instrument :
BNA_G
ClientSampleId :

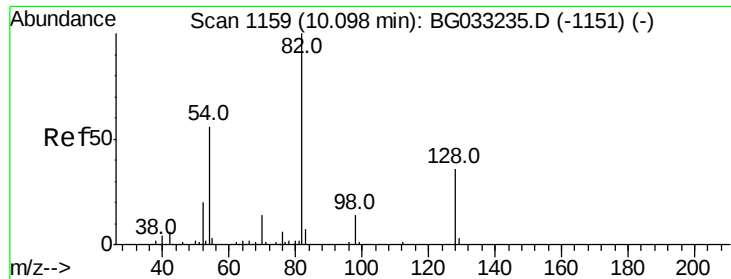
Tot Ion:136	Resp:	154184
Ion	Ratio	Lower Upper
136	100	
137	10.0	9.2 13.8
54	10.5	10.3 15.5
68	5.4	4.5 6.7



#22
Acetophenone
Concen: 34.378 ng
RT: 9.68 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

Tgt Ion:105	Resp:	145218
Ion	Ratio	Lower Upper
105	100	
71	1.6	3.0 4.4#
51	39.5	26.1 39.1#
120	21.2	17.4 26.2

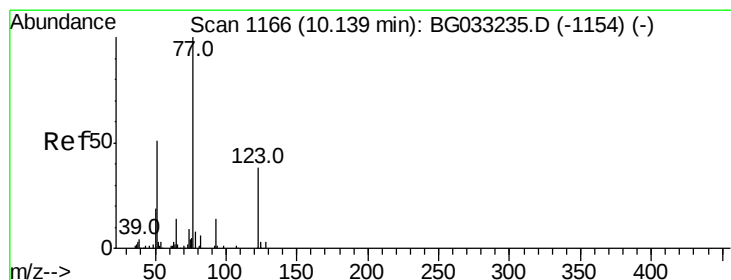
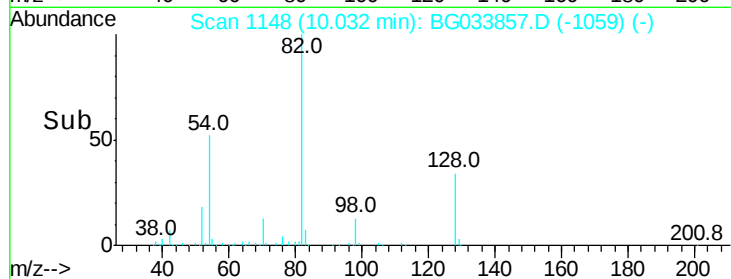
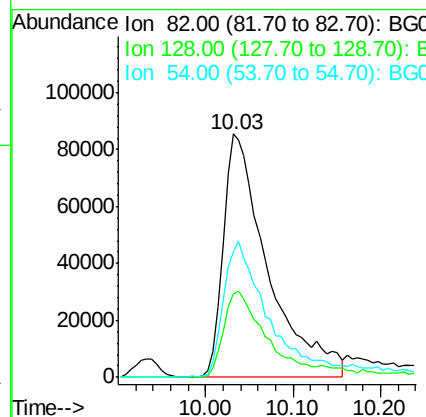
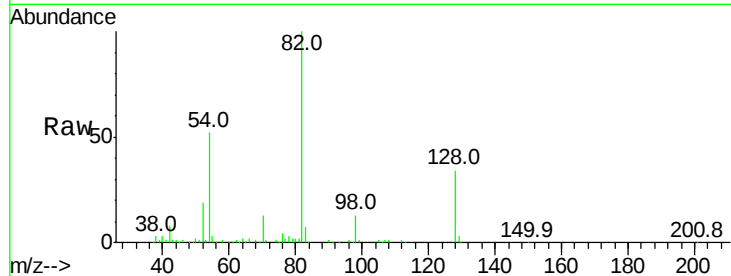




#23
Nitrobenzene-d5
Concen: 88.966 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

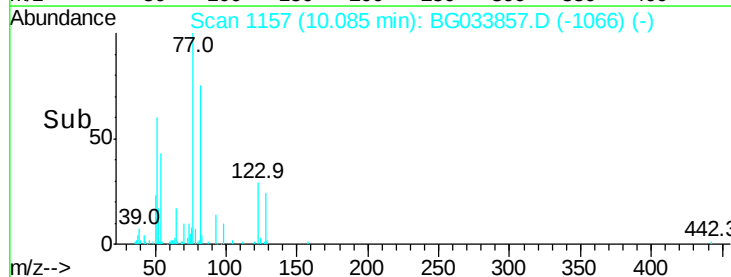
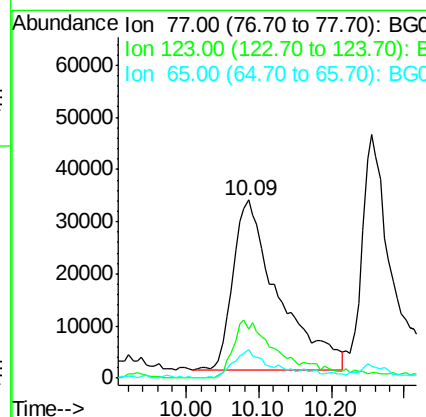
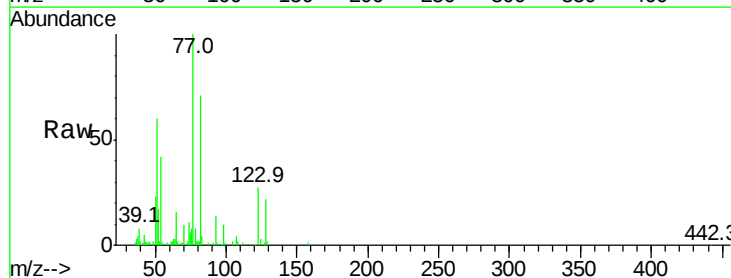
Instrument :
BNA_G
ClientSampleId :

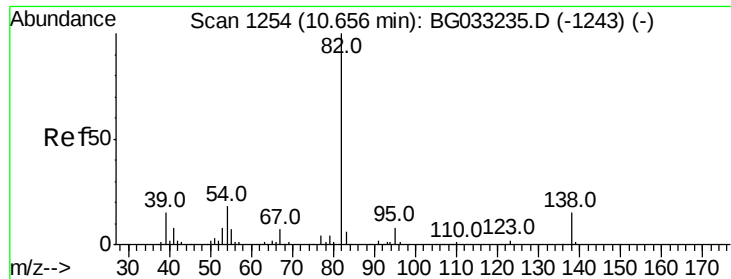
Tot Ion: 82 Resp: 298561
Ion Ratio Lower Upper
82 100
128 34.1 29.7 44.5
54 51.8 43.1 64.7



#24
Nitrobenzene
Concen: 39.502 ng
RT: 10.09 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

Tgt Ion: 77 Resp: 141894
Ion Ratio Lower Upper
77 100
123 27.5 33.0 49.6#
65 15.9 13.0 19.6





#25

Isophorone

Concen: 47.593 ng

RT: 10.58 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Instrument :

BNA_G

ClientSampleId :

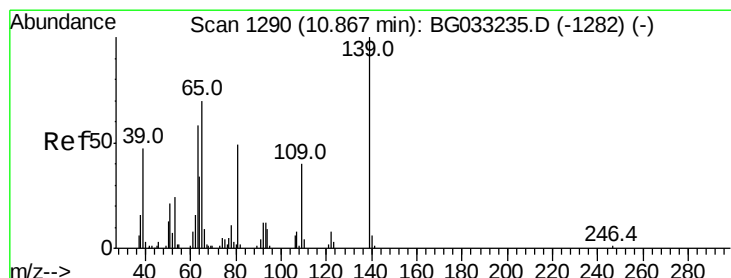
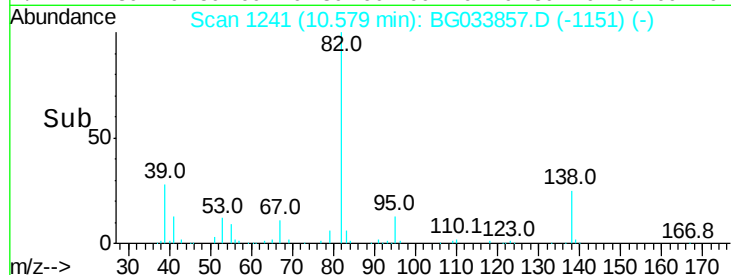
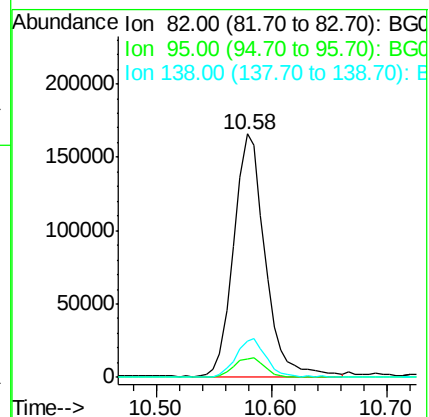
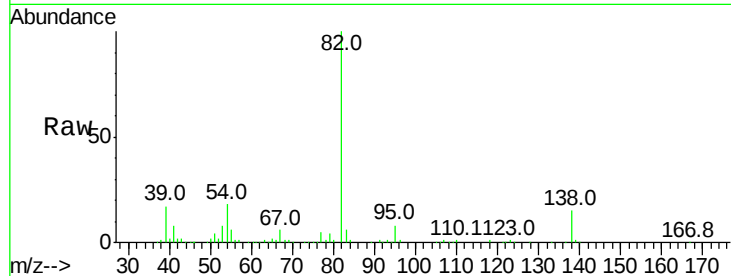
Tot Ion: 82 Resp: 309991

Ion Ratio Lower Upper

82 100

95 7.7 6.2 9.2

138 15.0 12.1 18.1



#26

2-Nitrophenol

Concen: 34.890 ng

RT: 10.81 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

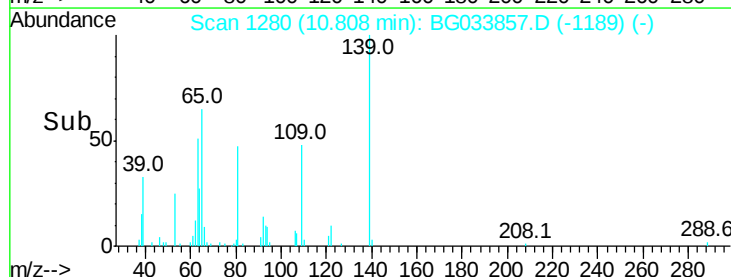
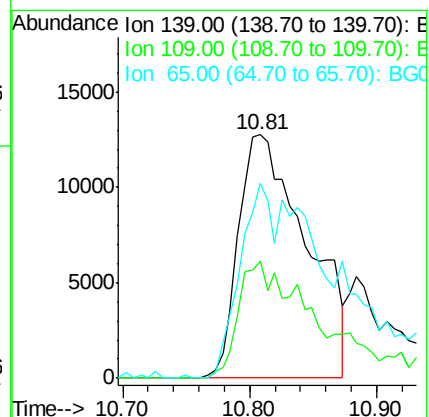
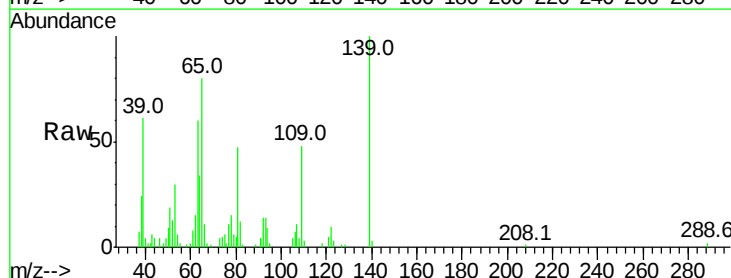
Tgt Ion: 139 Resp: 47448

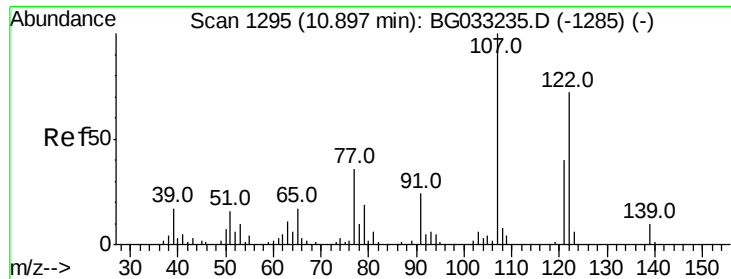
Ion Ratio Lower Upper

139 100

109 47.8 24.2 36.2#

65 79.9 47.4 71.0#

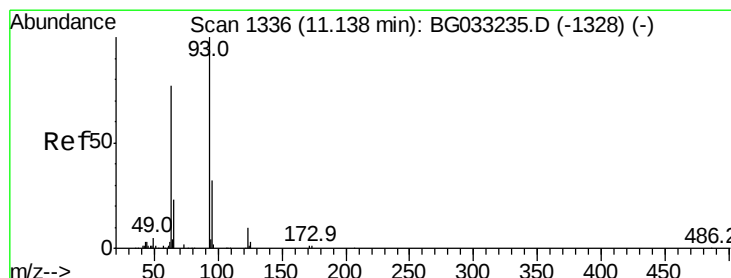
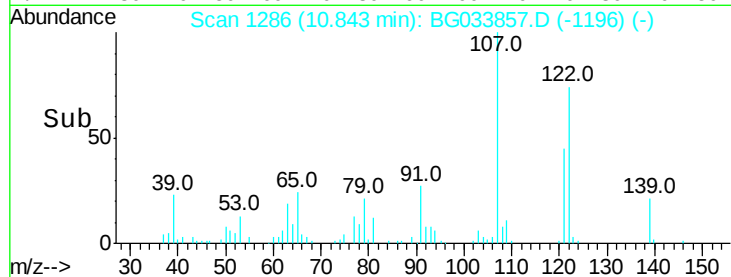
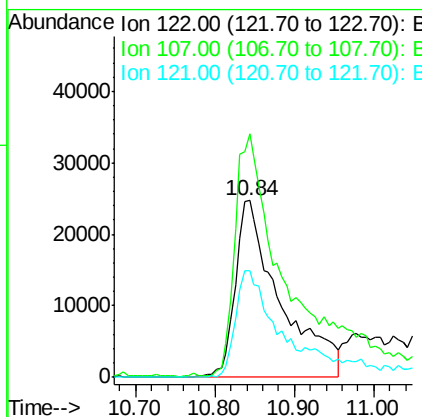
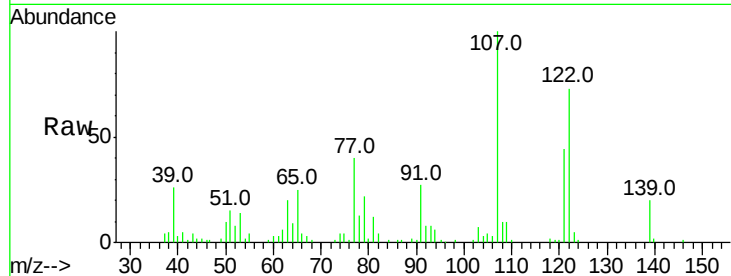




#27
 2,4-Dimethylphenol
 Concen: 49.172 ng
 RT: 10.84 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

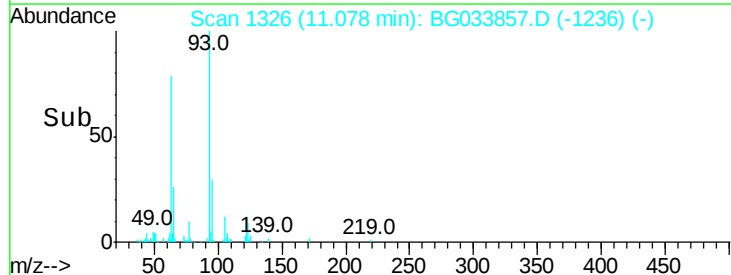
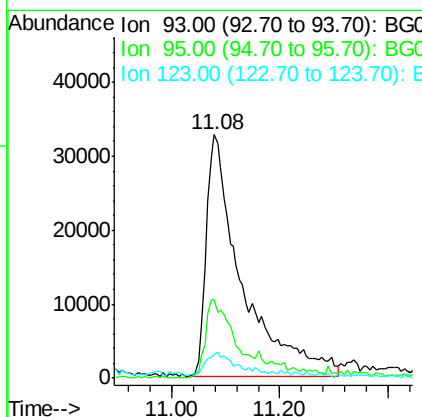
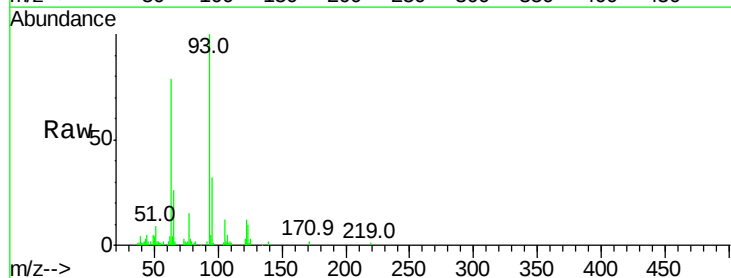
Instrument :
 BNA_G
 ClientSampleId :

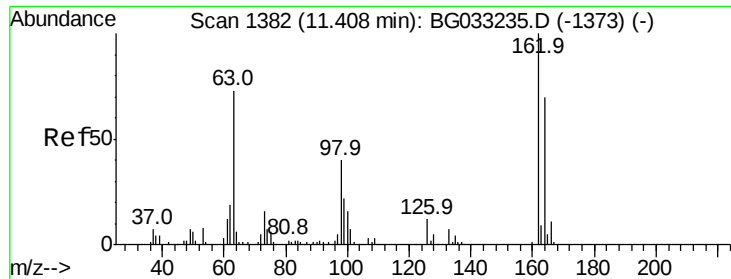
Tot Ion:122 Resp: 97144
 Ion Ratio Lower Upper
 122 100
 107 137.7 100.2 150.2
 121 60.2 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.330 ng
 RT: 11.08 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

Tgt Ion: 93 Resp: 150562
 Ion Ratio Lower Upper
 93 100
 95 32.2 24.3 36.5
 123 9.7 8.4 12.6

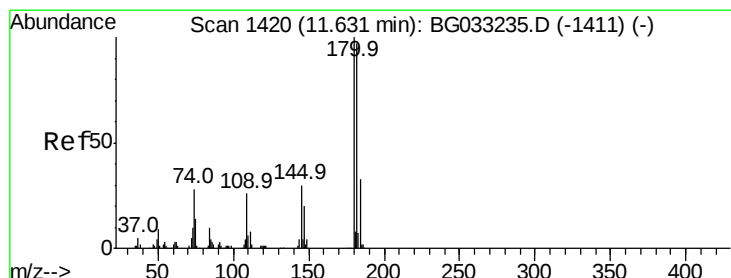
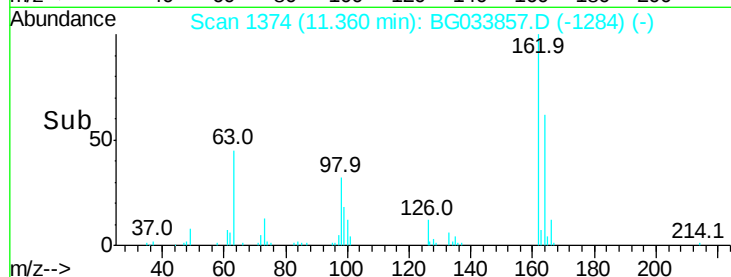
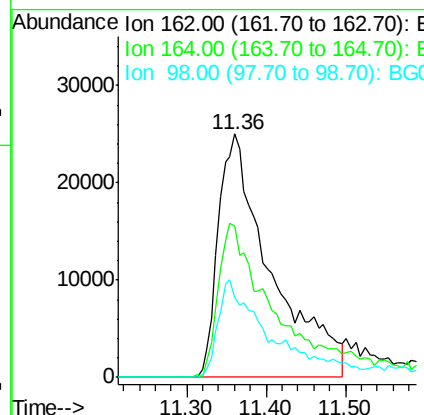
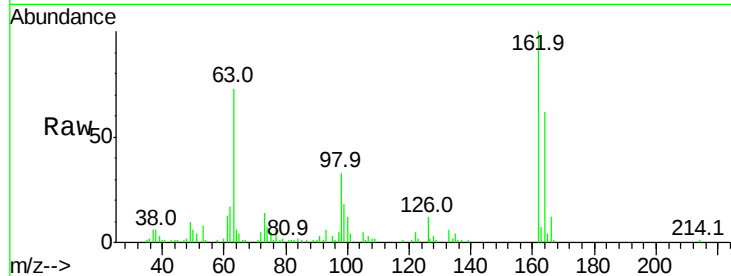




#29
2,4-Dichlorophenol
Concen: 47.231 ng
RT: 11.36 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

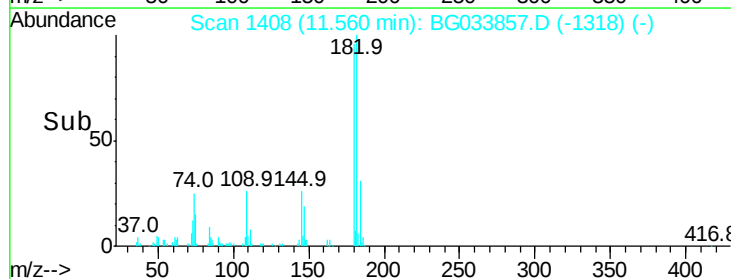
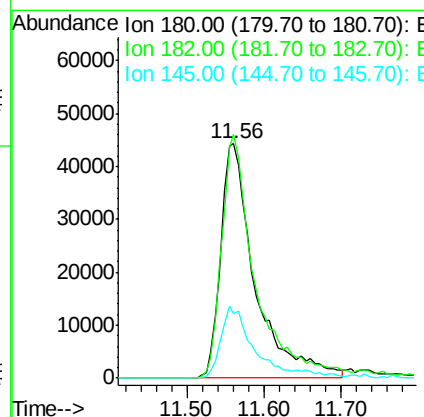
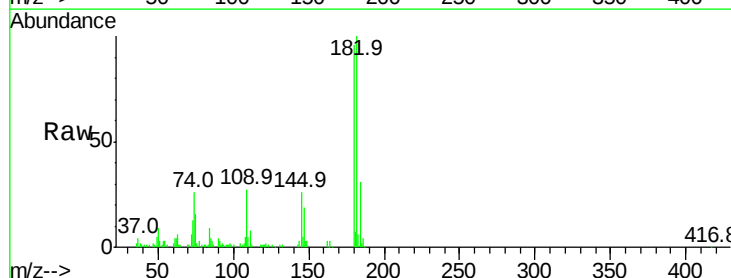
Instrument :
BNA_G
ClientSampleId :

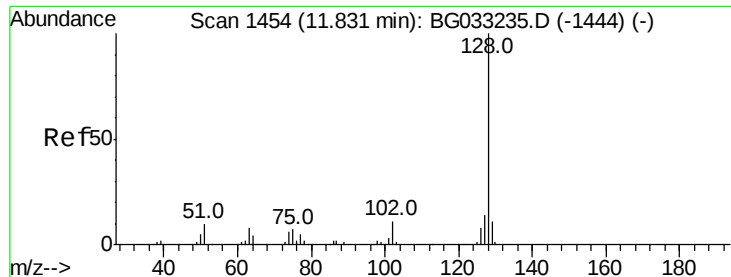
Tot Ion:162 Resp: 114752
Ion Ratio Lower Upper
162 100
164 62.0 48.0 88.0
98 33.0 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 43.591 ng
RT: 11.56 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

Tgt Ion:180 Resp: 137598
Ion Ratio Lower Upper
180 100
182 103.9 77.5 116.3
145 27.5 23.4 35.2

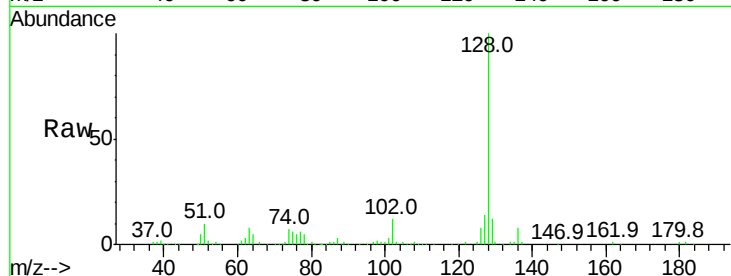




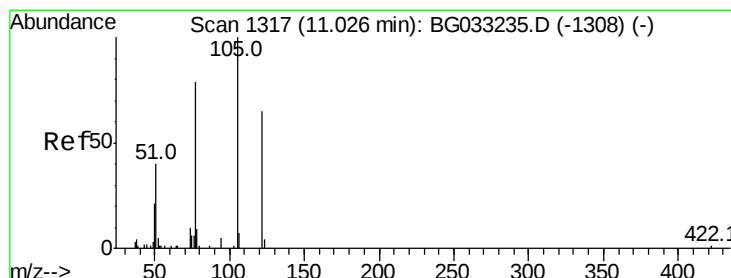
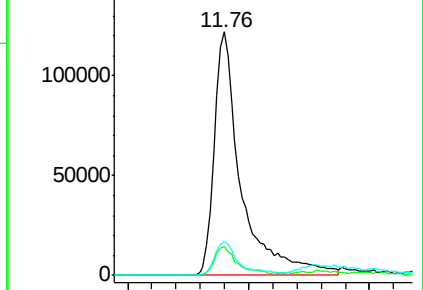
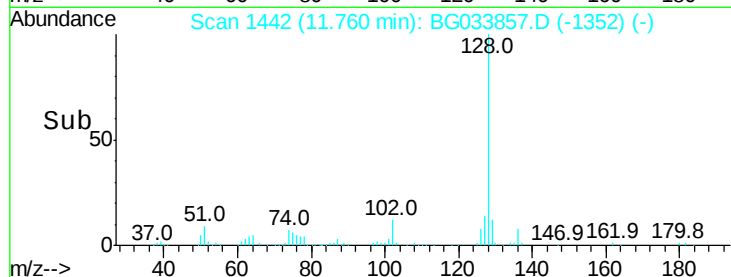
#31
Naphthalene
Concen: 47.128 ng
RT: 11.76 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 376546
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 13.7 11.6 17.4

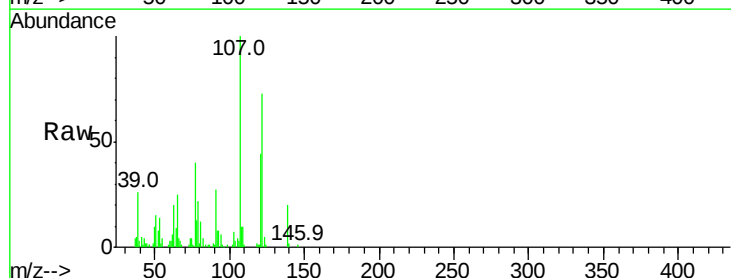


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

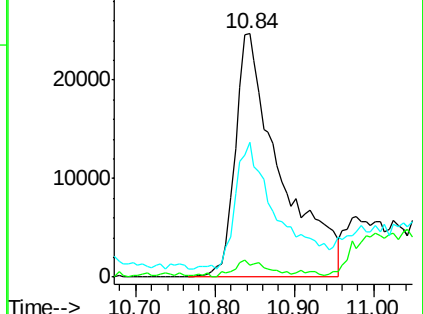
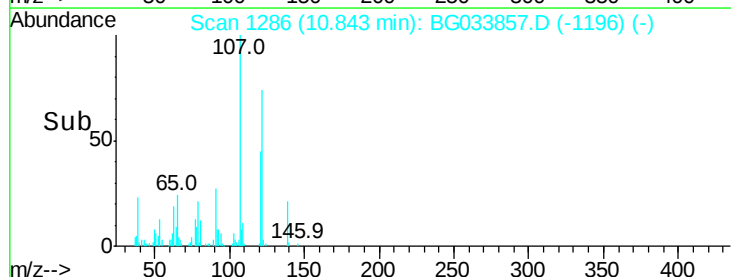


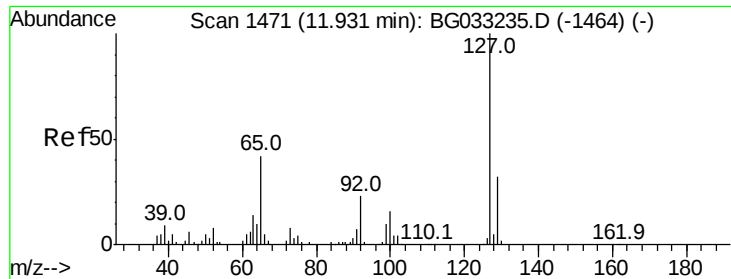
#32
Benzoic acid
Concen: 52.896 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

Tgt Ion:122 Resp: 97144
Ion Ratio Lower Upper
122 100
105 5.0 123.5 163.5#
77 55.4 85.7 125.7#



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

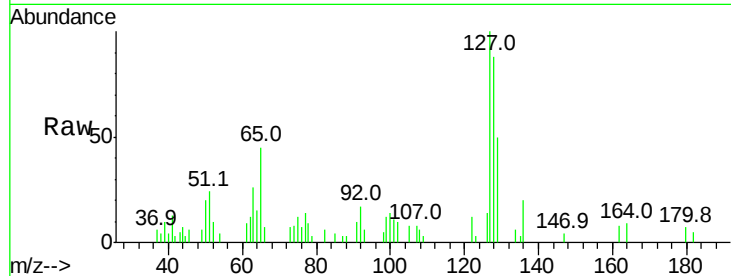




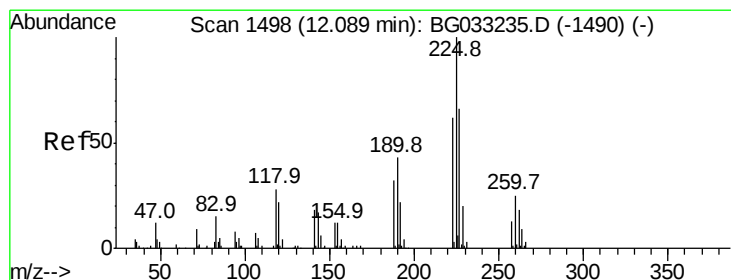
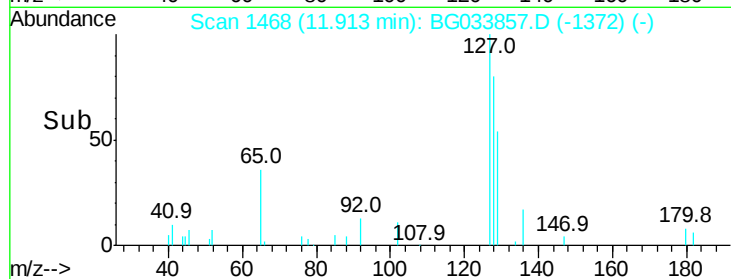
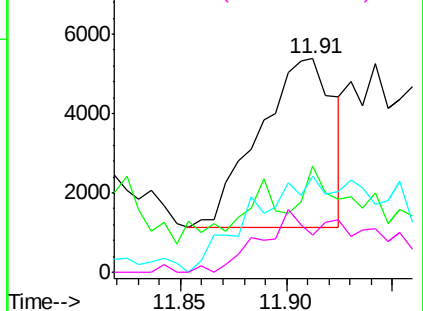
#33
4-Chloroaniline
Concen: 2.940 ng
RT: 11.91 min Scan# 1468
Delta R.T. 0.03 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	10525
Ion	Ratio	Lower Upper
127	100	
129	49.8	24.0 36.0#
65	44.9	27.0 40.4#
92	17.3	16.6 25.0

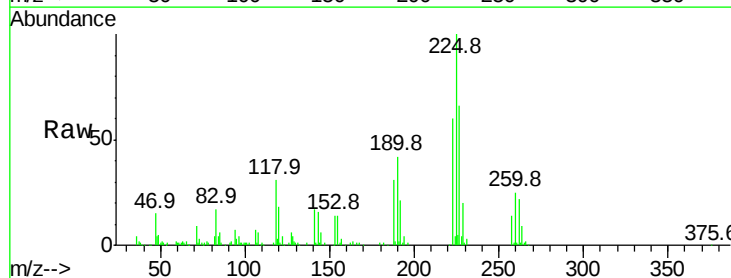


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

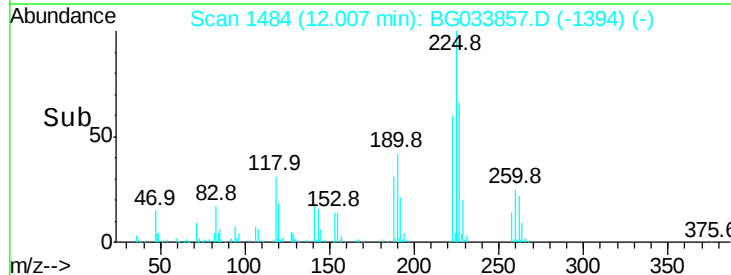
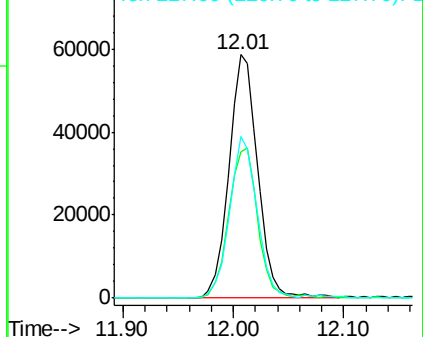


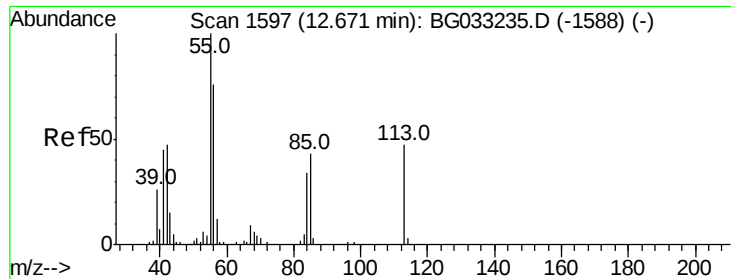
#34
Hexachlorobutadiene
Concen: 44.874 ng
RT: 12.01 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

Tgt Ion:225	Resp:	107118
Ion	Ratio	Lower Upper
225	100	
223	59.9	49.7 74.5
227	66.2	48.1 72.1



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





#35

Caprolactam

Concen: 36.884 ng

RT: 12.61 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Instrument :

BNA_G

ClientSampleId :

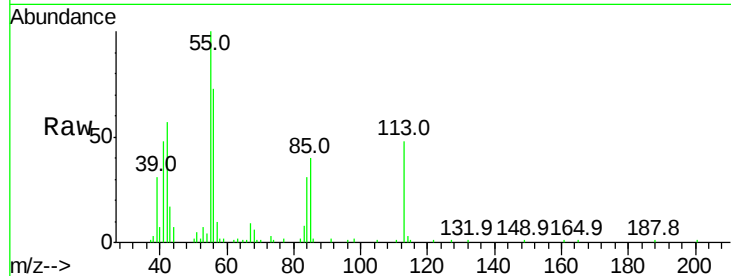
Tot Ion:113 Resp: 35107

Ion Ratio Lower Upper

113 100

55 209.6 186.9 226.9

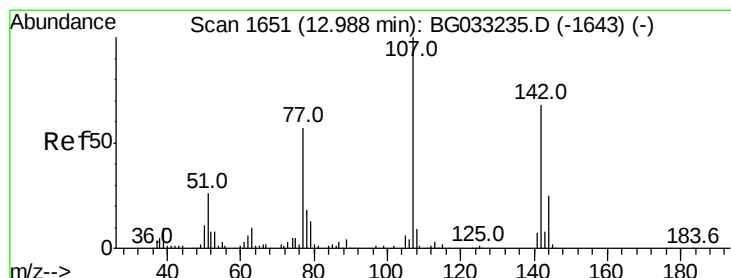
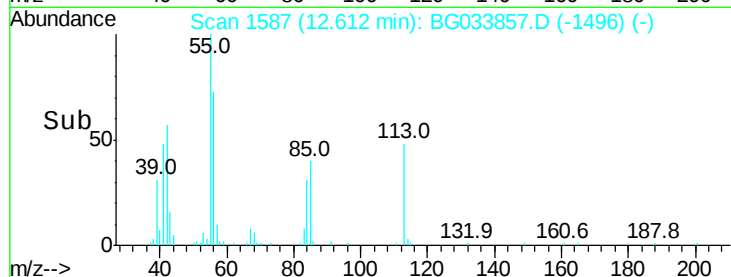
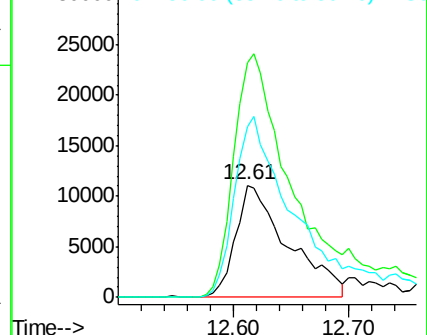
56 152.5 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.215 ng

RT: 12.95 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

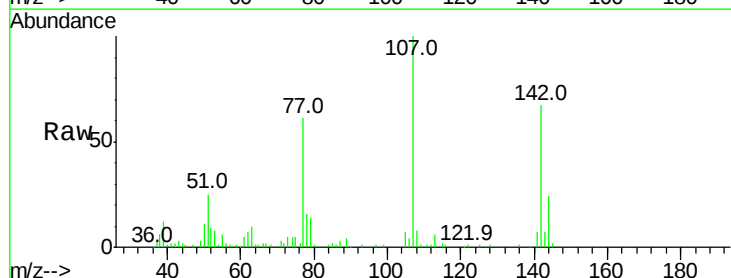
Tgt Ion:107 Resp: 140109

Ion Ratio Lower Upper

107 100

144 24.4 18.2 27.4

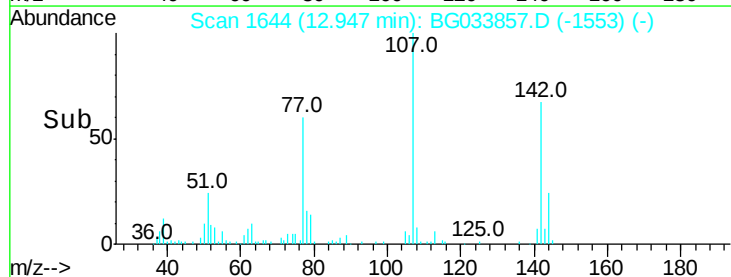
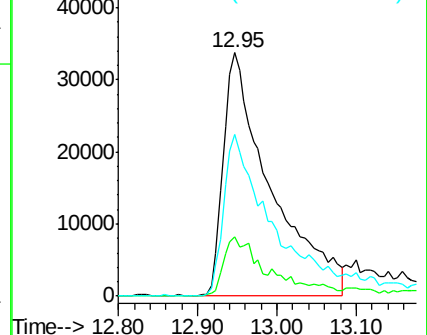
142 66.6 59.0 88.4

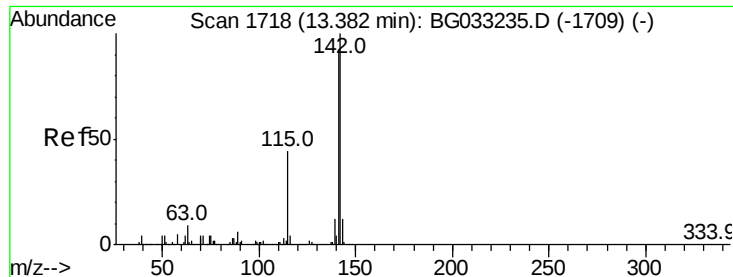


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

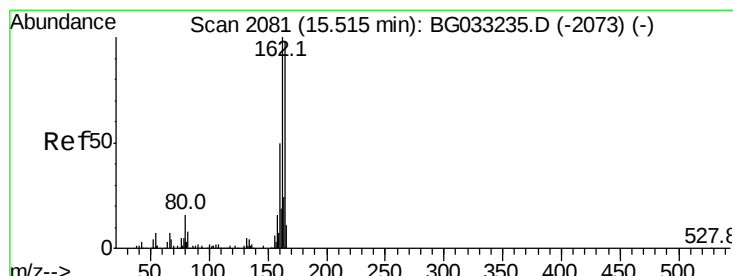
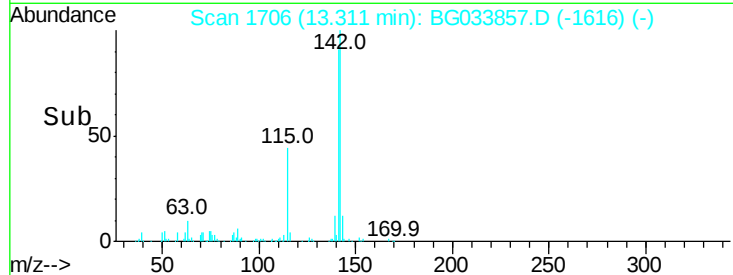
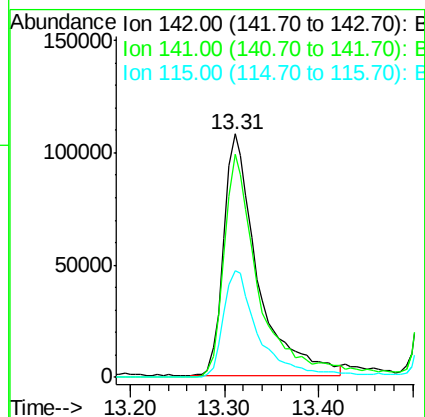
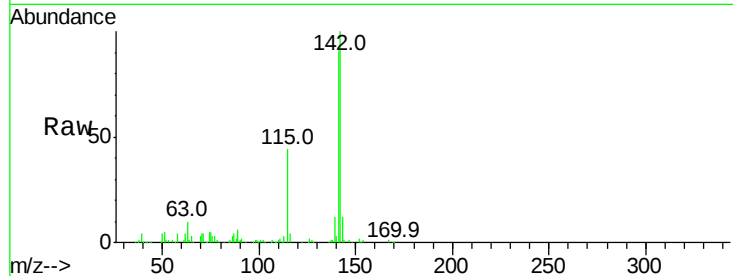




#37
2-Methylnaphthalene
Concen: 43.936 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

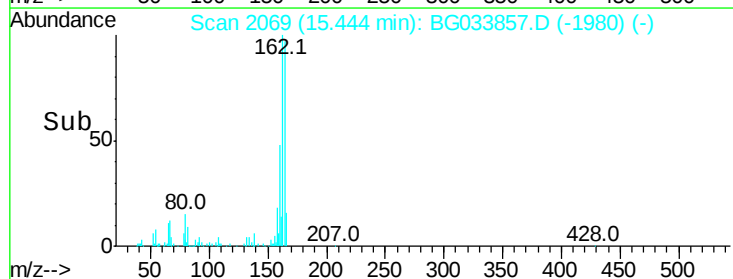
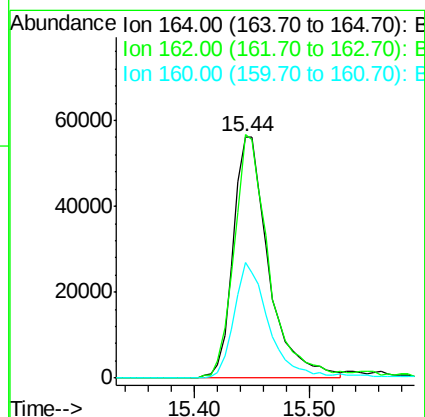
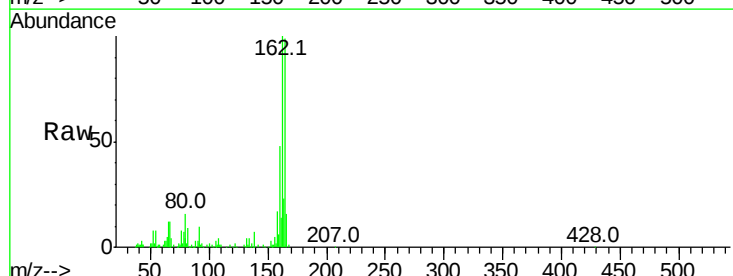
Instrument :
BNA_G
ClientSampleId :

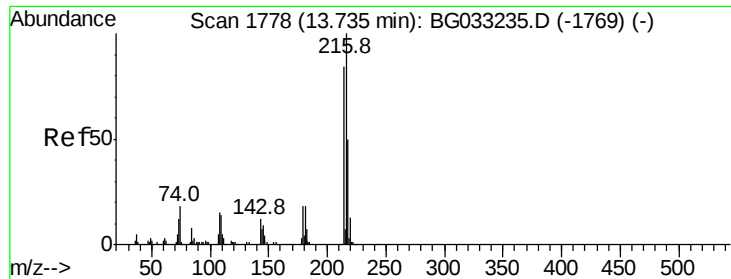
Tot Ion:142 Resp: 272471
Ion Ratio Lower Upper
142 100
141 91.5 67.1 100.7
115 43.6 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

Tgt Ion:164 Resp: 119650
Ion Ratio Lower Upper
164 100
162 100.9 78.8 118.2
160 47.9 35.4 53.0

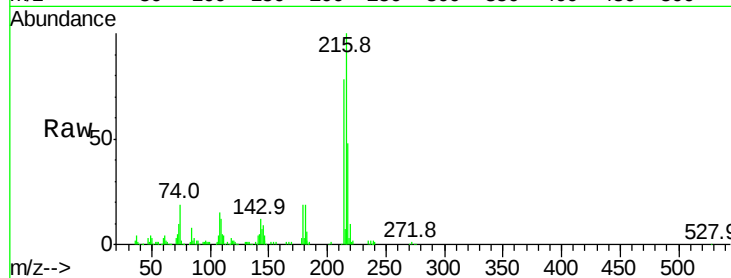




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.798 ng
 RT: 13.67 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.0	94.4
179	19.4	17.0	25.6
108	15.0	12.8	19.2

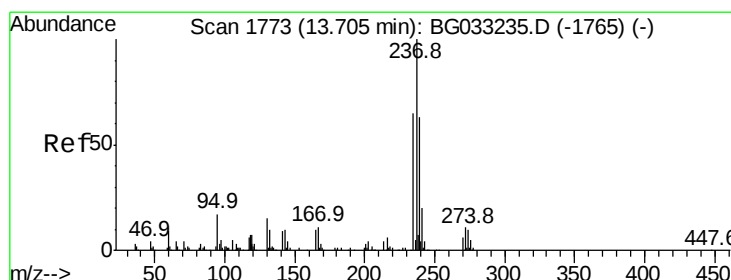
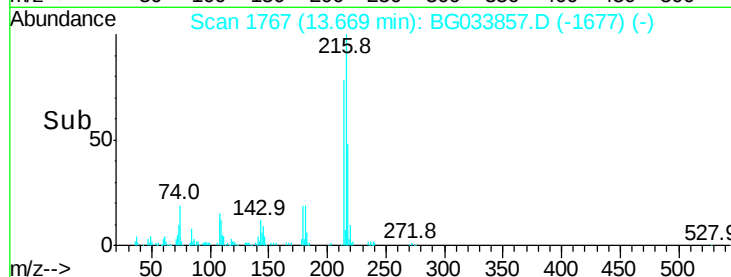
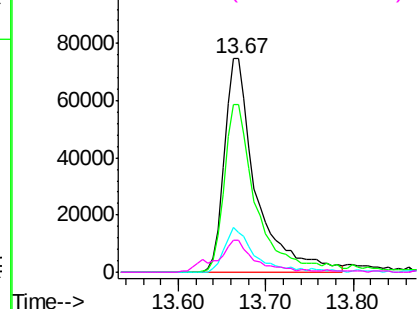


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

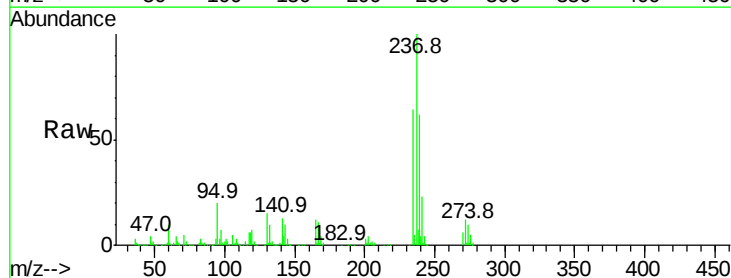
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 87.807 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

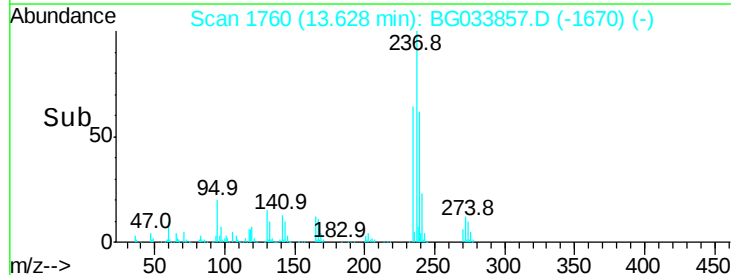
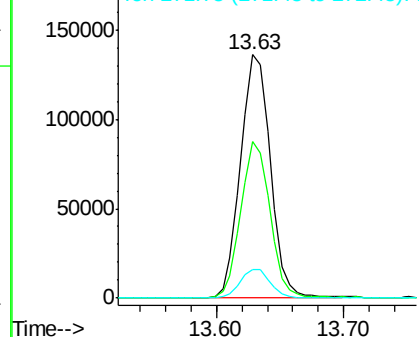
Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.2	50.4	90.4
272	11.7	0.0	31.8

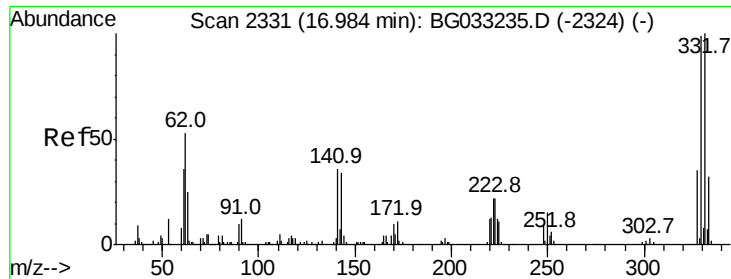


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

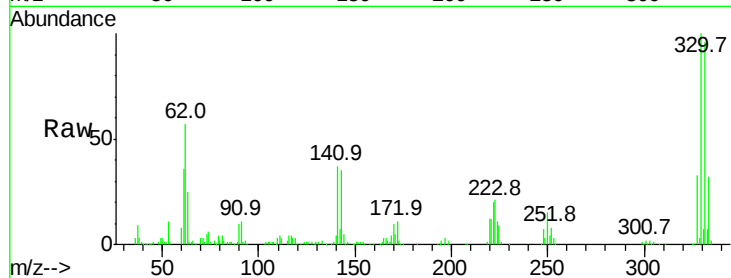




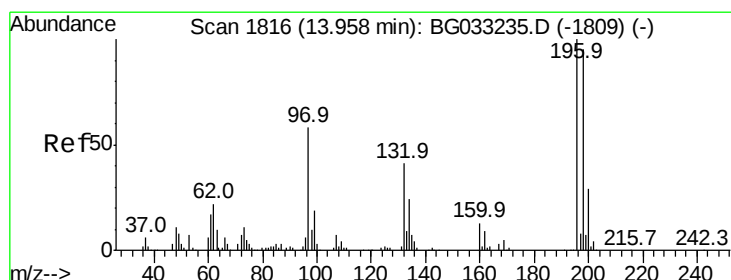
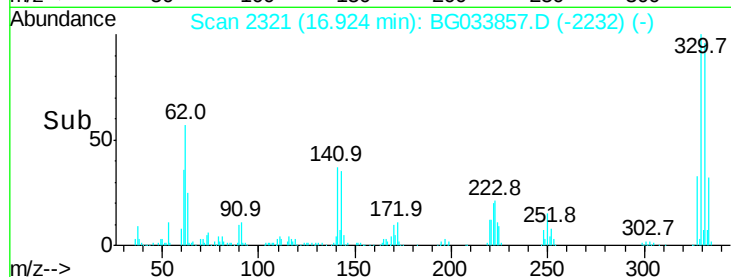
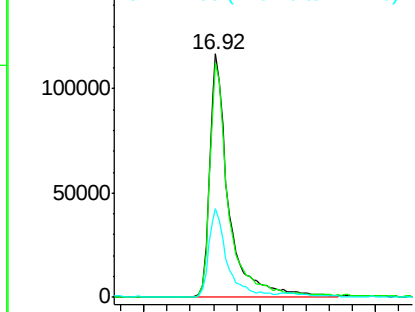
#41
 2,4,6-Tribromophenol
 Concen: 150.397 ng
 RT: 16.92 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	35.8	25.2	37.8

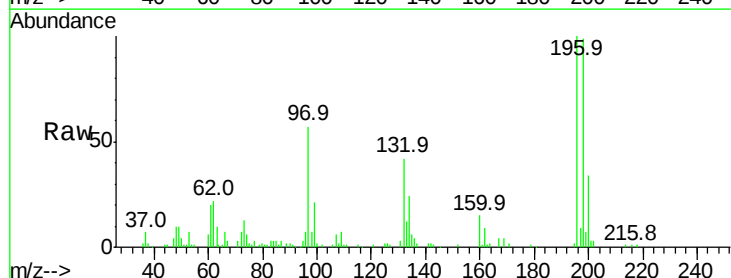


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

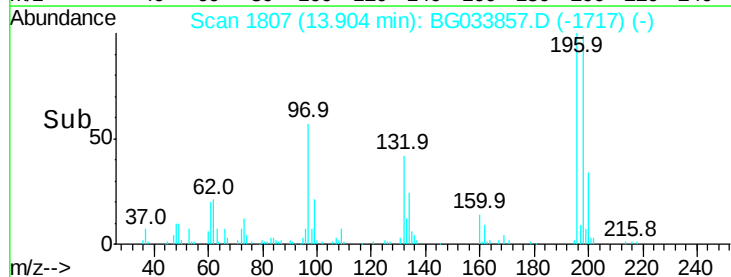
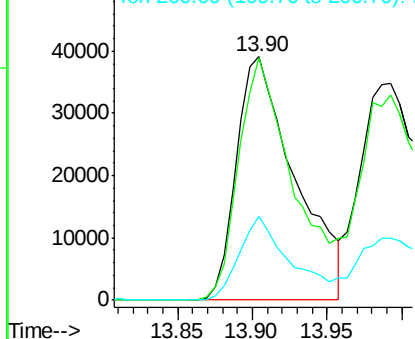


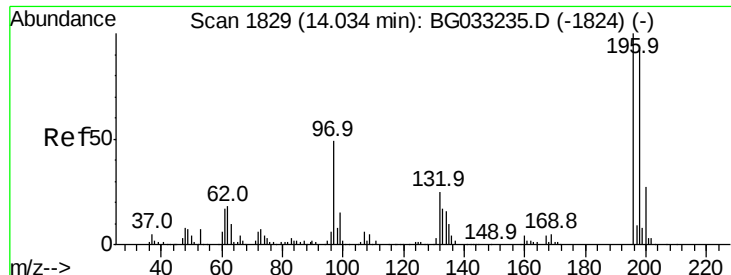
#42
 2,4,6-Trichlorophenol
 Concen: 42.387 ng
 RT: 13.90 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.3	78.2	117.2
200	34.2	24.6	36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

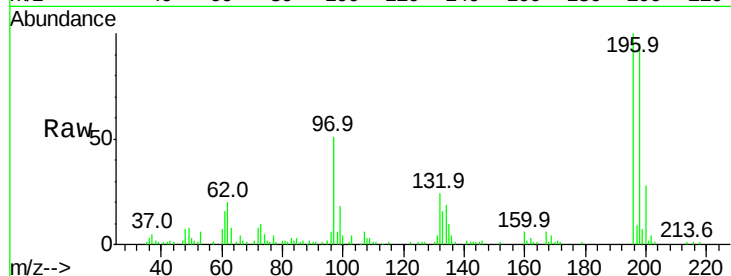




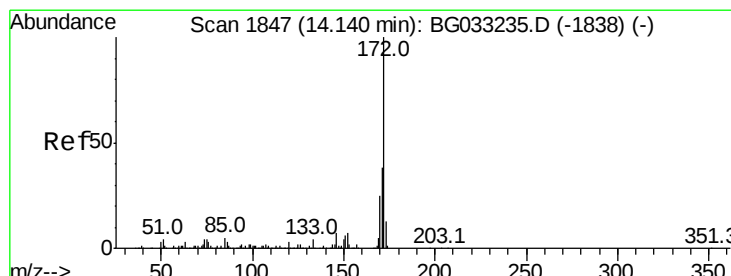
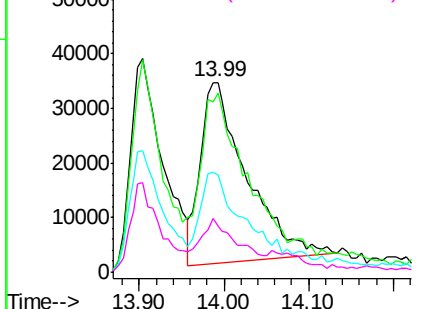
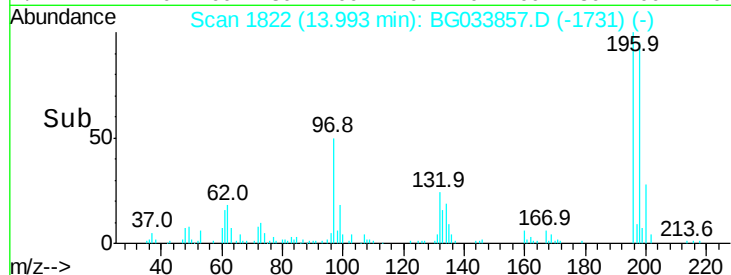
#43
 2,4,5-Trichlorophenol
 Concen: 42.391 ng
 RT: 13.99 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 126172
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.2 114.4
 97 51.3 38.7 58.1
 132 24.1 20.2 30.2

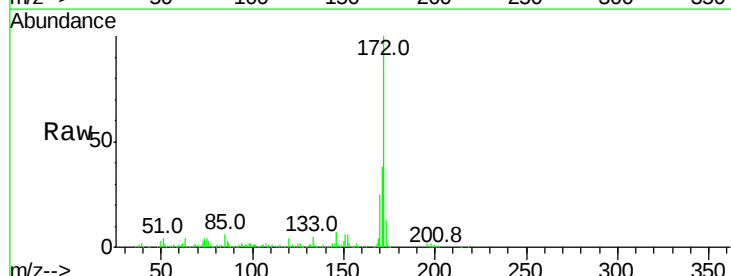


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

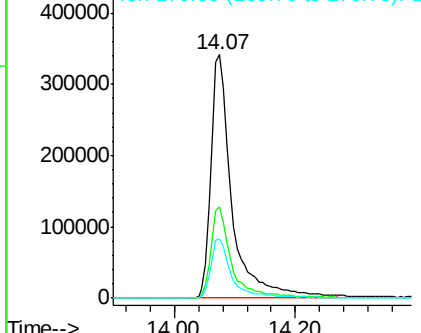
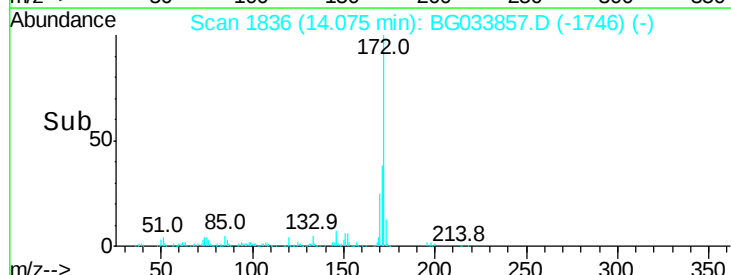


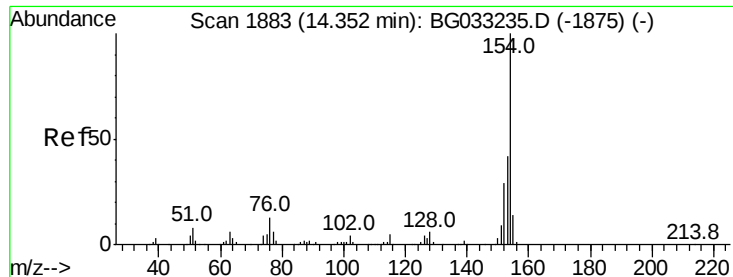
#44
 2-Fluorobiphenyl
 Concen: 100.196 ng
 RT: 14.07 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

Tgt Ion:172 Resp: 830432
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 24.6 19.5 29.3



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

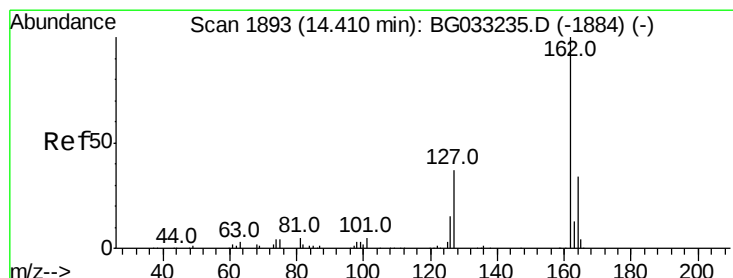
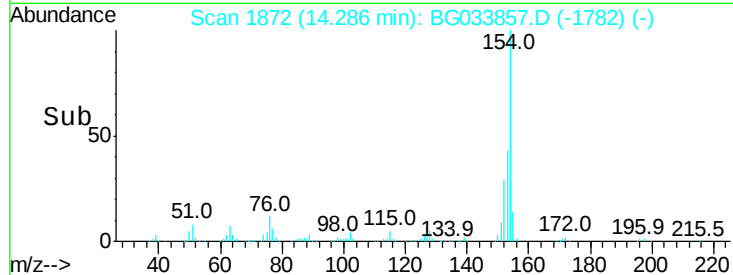
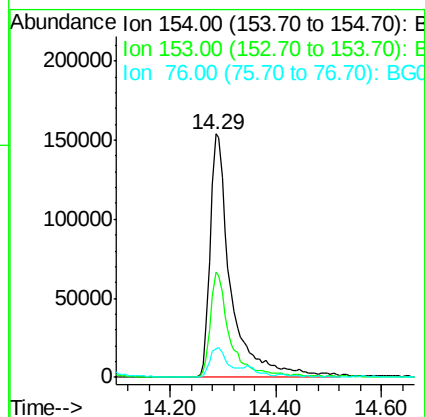
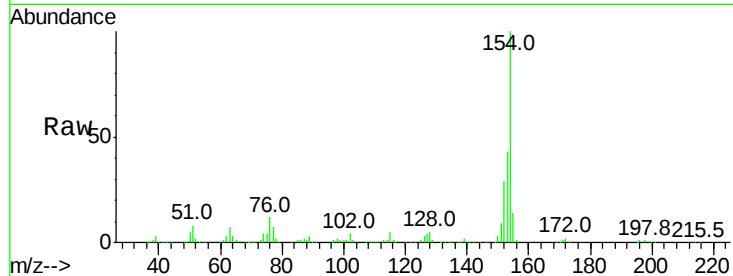




#45
 1,1'-Biphenyl
 Concen: 45.803 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

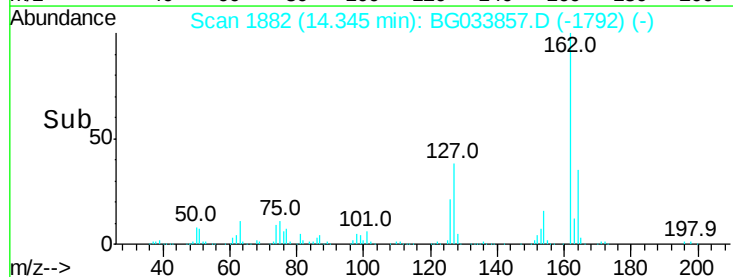
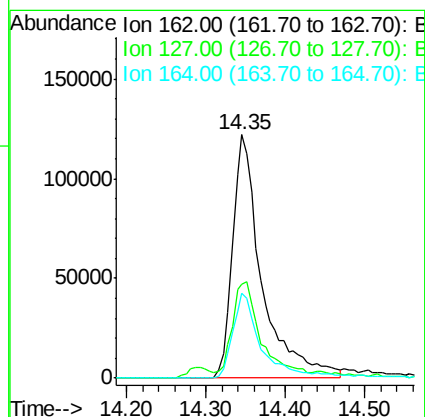
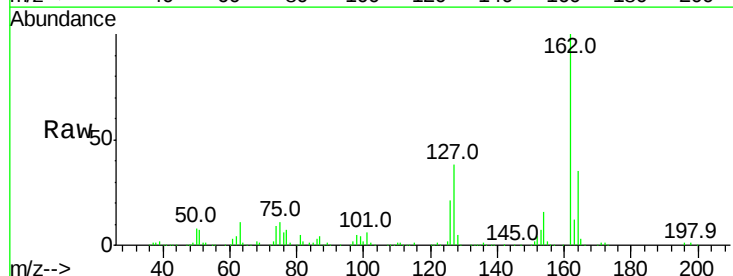
Instrument :
 BNA_G
 ClientSampleId :

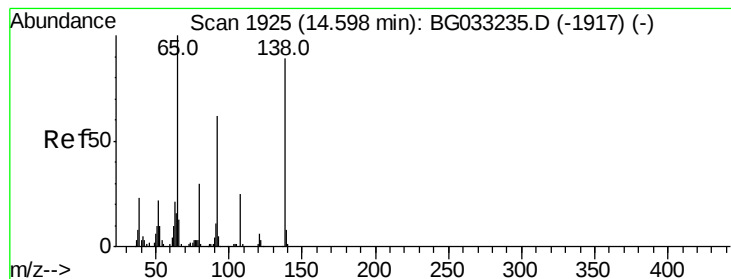
Tot Ion:154 Resp: 421042
 Ion Ratio Lower Upper
 154 100
 153 43.2 19.8 59.8
 76 11.9 0.0 31.9



#46
 2-Chloronaphthalene
 Concen: 43.999 ng
 RT: 14.35 min Scan# 1882
 Delta R.T. -0.00 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

Tgt Ion:162 Resp: 311860
 Ion Ratio Lower Upper
 162 100
 127 38.4 30.7 46.1
 164 34.9 26.0 39.0





#47

2-Nitroaniline

Concen: 41.363 ng

RT: 14.56 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Instrument :

BNA_G

ClientSampleId :

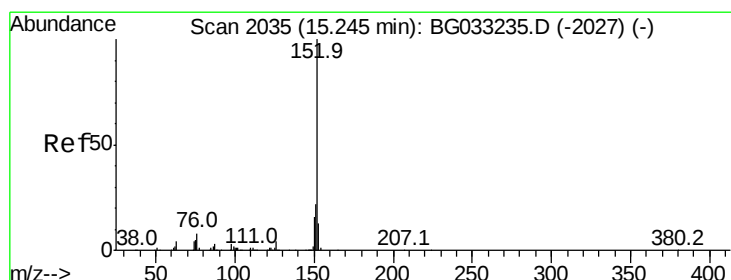
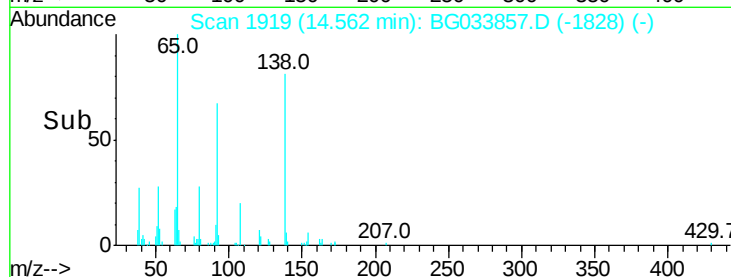
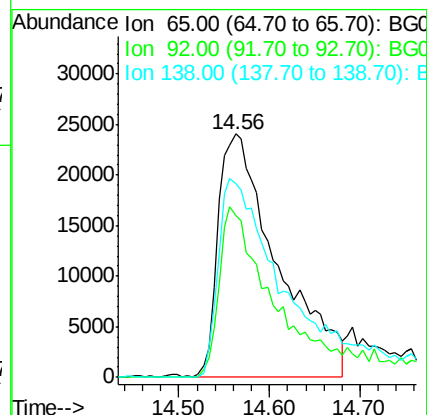
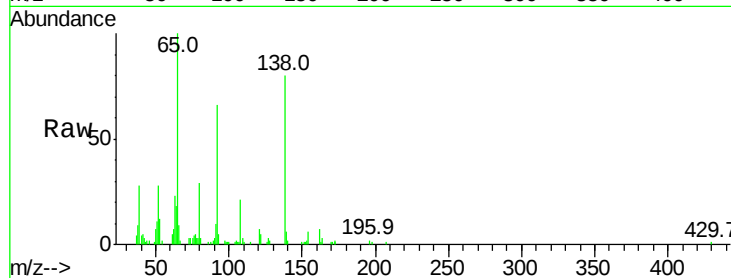
Tot Ion: 65 Resp: 109811

Ion Ratio Lower Upper

65 100

92 66.2 54.6 82.0

138 79.7 72.9 109.3



#48

Acenaphthylene

Concen: 44.574 ng

RT: 15.18 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

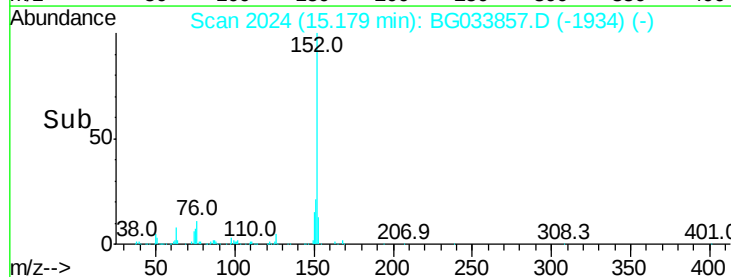
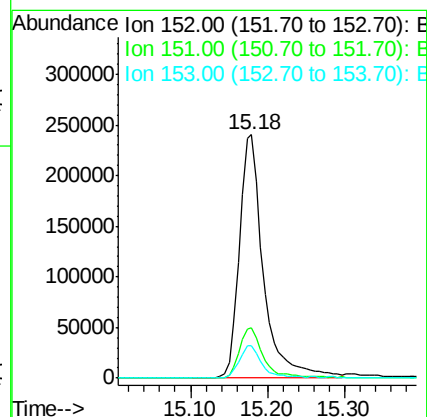
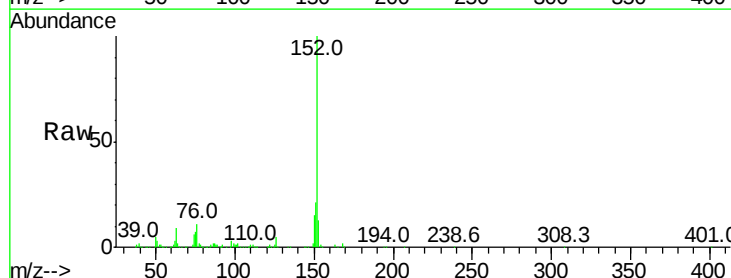
Tgt Ion: 152 Resp: 527349

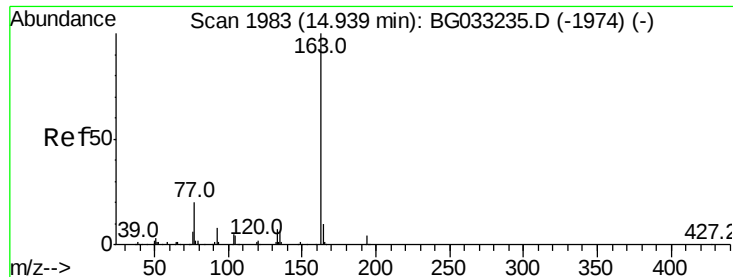
Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

153 13.1 10.2 15.4





#49

Dimethylphthalate

Concen: 43.648 ng

RT: 14.87 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Instrument :

BNA_G

ClientSampleId :

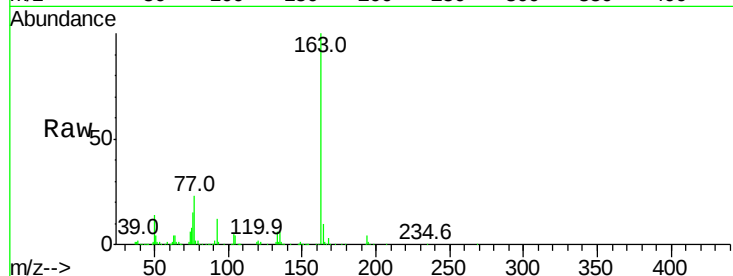
Tot Ion:163 Resp: 454501

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

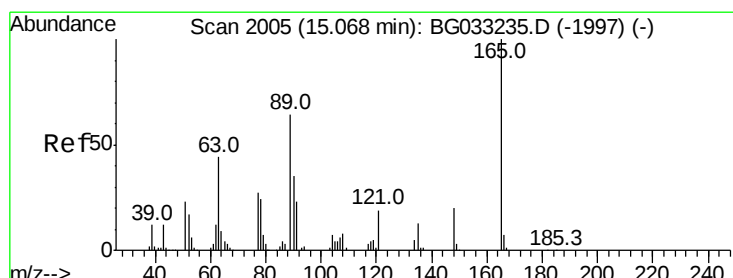
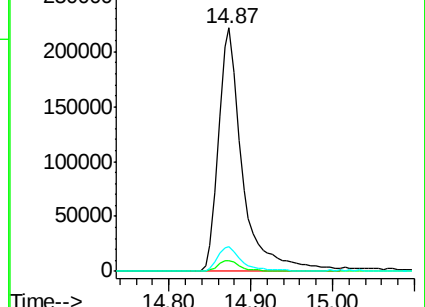
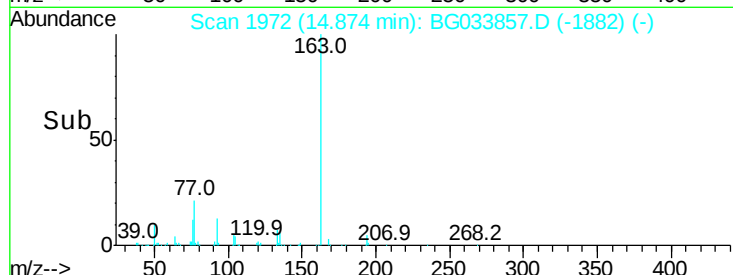
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.520 ng

RT: 15.01 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

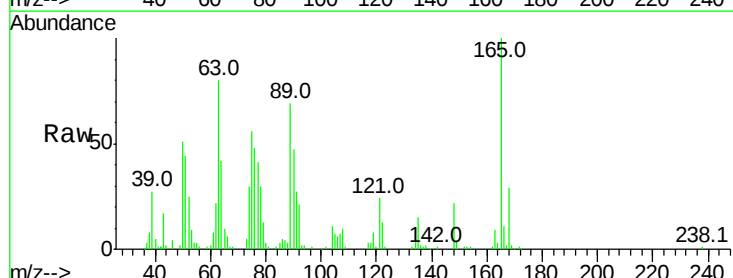
Tgt Ion:165 Resp: 92660

Ion Ratio Lower Upper

165 100

63 80.0 52.7 79.1#

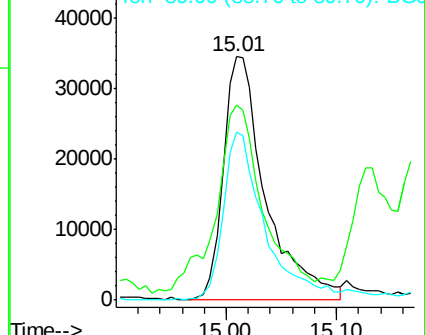
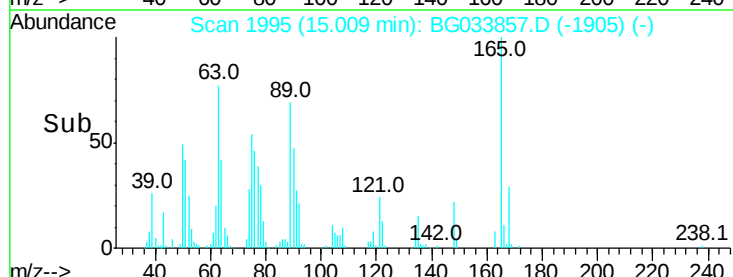
89 69.2 49.2 73.8

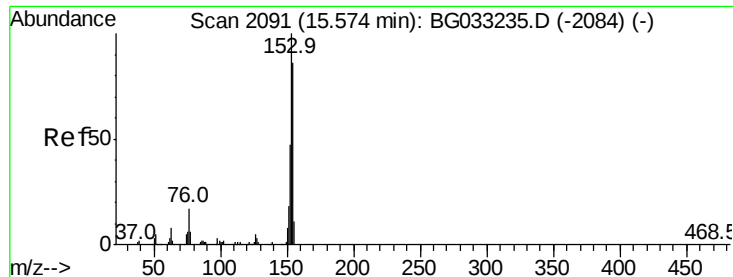


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 39.171 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Instrument :

BNA_G

ClientSampleId :

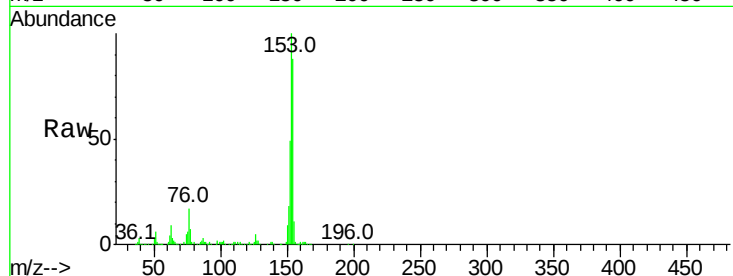
Tot Ion:154 Resp: 298743

Ion Ratio Lower Upper

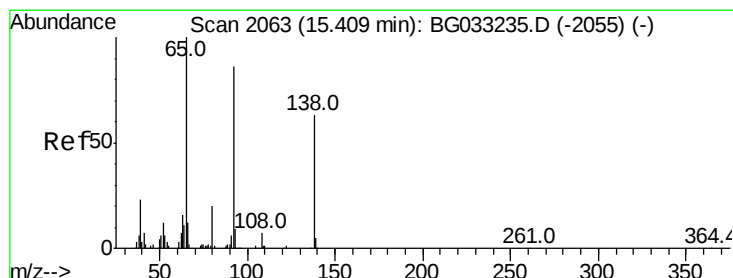
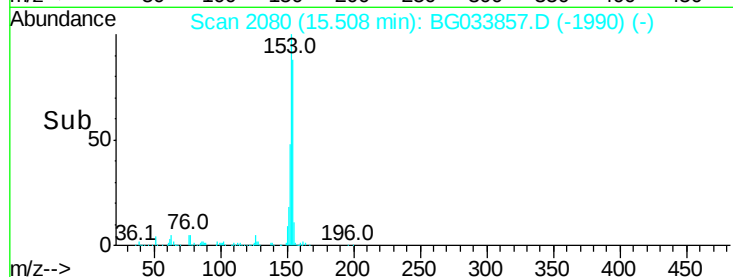
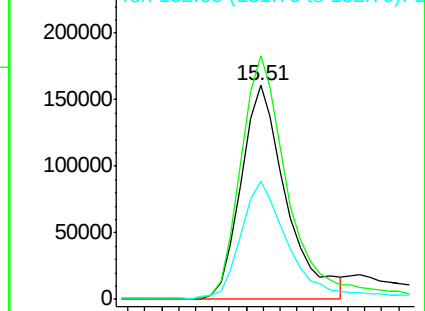
154 100

153 113.9 90.4 135.6

152 55.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.240 ng

RT: 15.38 min Scan# 2059

Delta R.T. 0.01 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

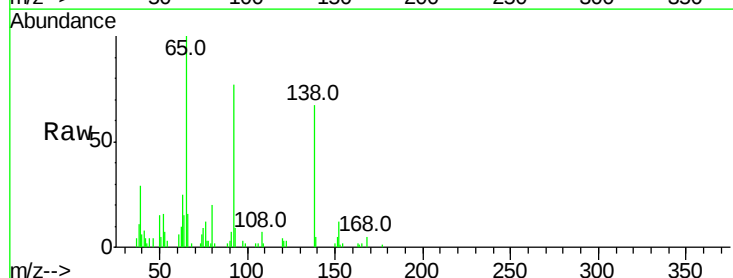
Tgt Ion:138 Resp: 42948

Ion Ratio Lower Upper

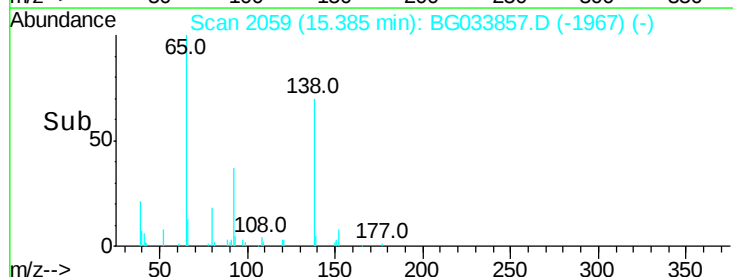
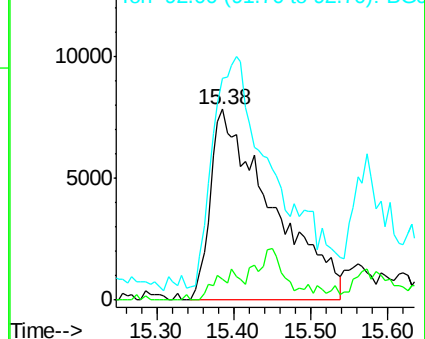
138 100

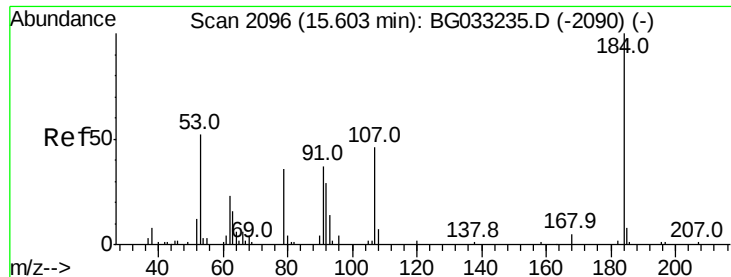
108 14.1 17.5 26.3#

92 116.1 105.8 158.8



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

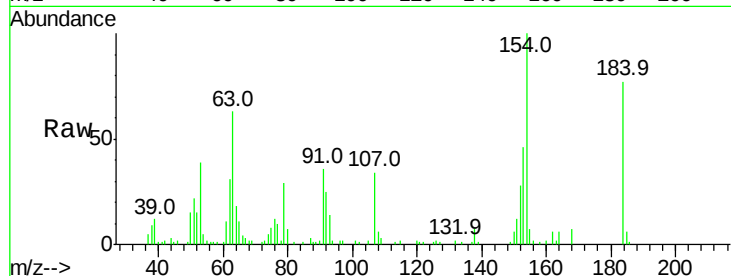




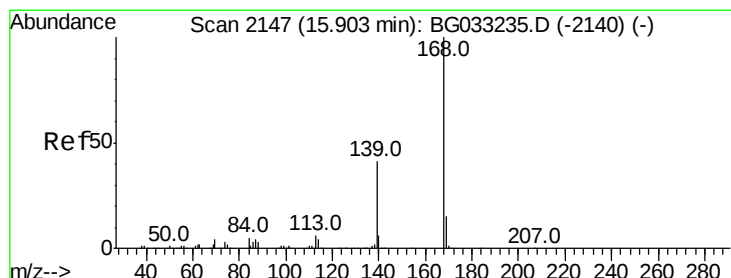
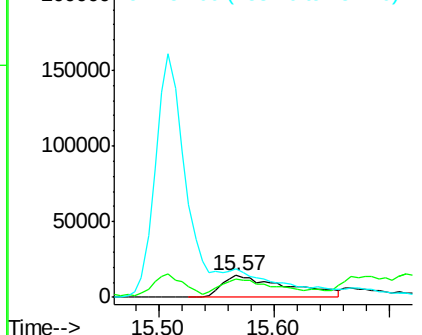
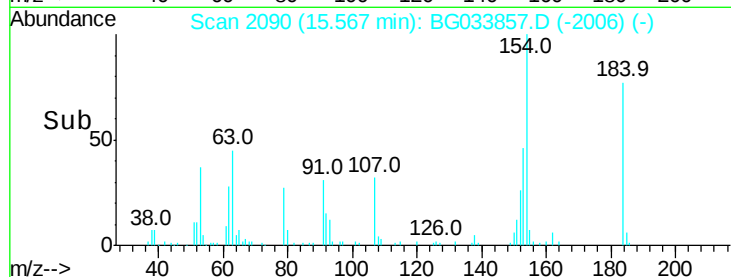
#53
 2,4-Dinitrophenol
 Concen: 55.278 ng
 RT: 15.57 min Scan# 2090
 Delta R.T. -0.04 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 58070
 Ion Ratio Lower Upper
 184 100
 63 82.3 59.8 89.8
 154 130.1 101.8 152.8

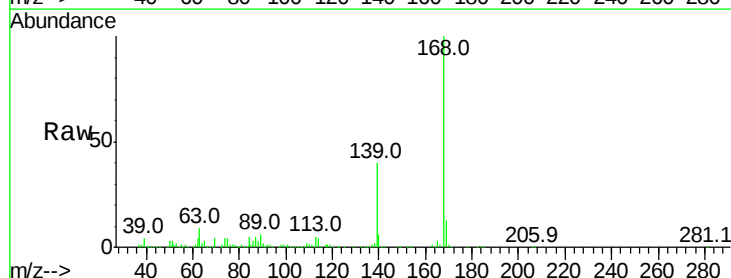


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): B
 Ion 154.00 (153.70 to 154.70): E

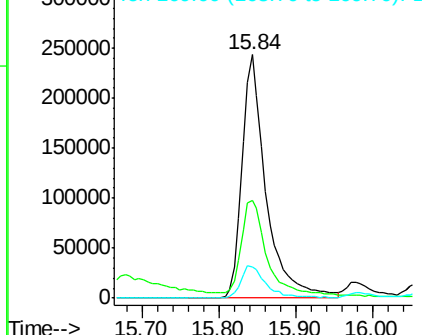
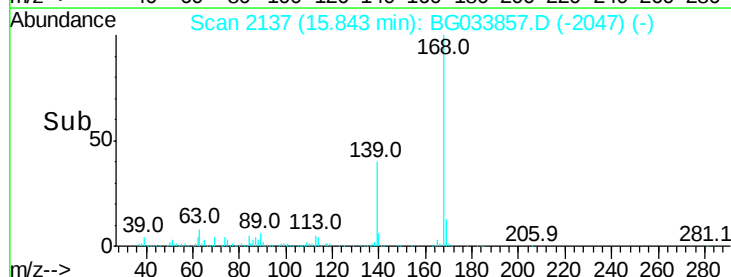


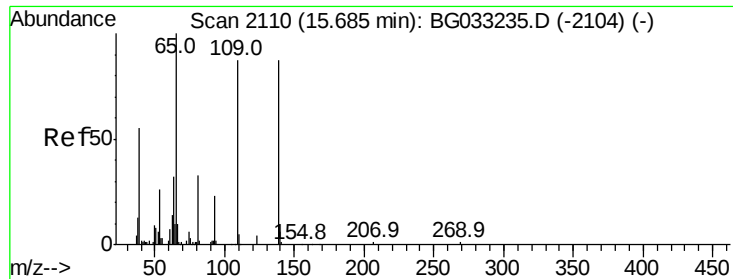
#54
 Dibenzofuran
 Concen: 47.419 ng
 RT: 15.84 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

Tgt Ion:168 Resp: 534207
 Ion Ratio Lower Upper
 168 100
 139 40.0 28.6 43.0
 169 13.0 11.2 16.8



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

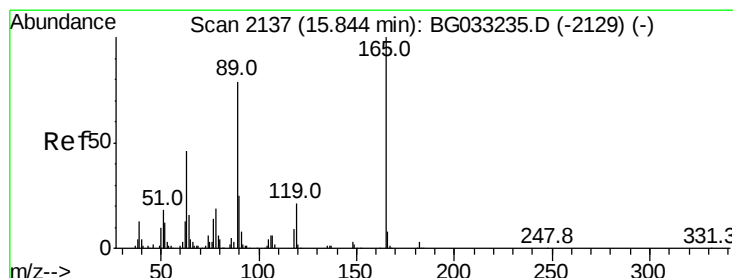
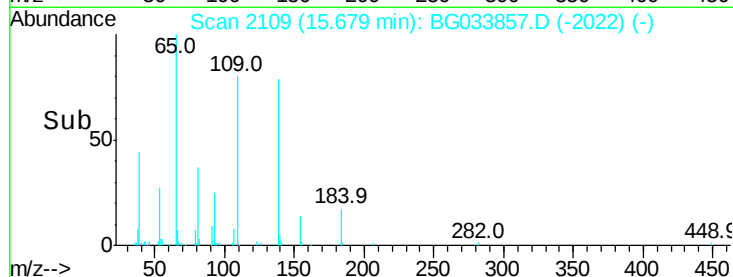
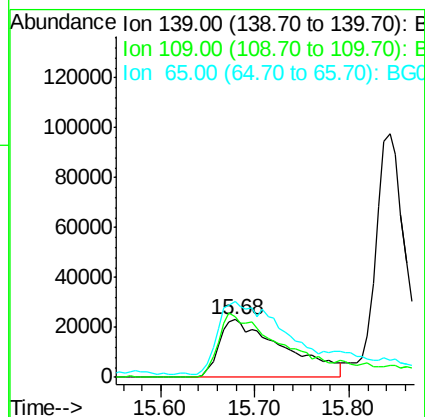
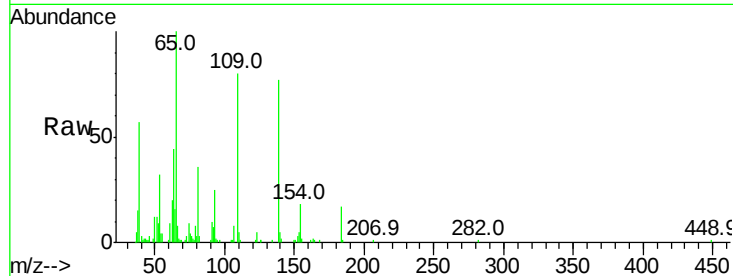




#55
4-Nitrophenol
Concen: 71.023 ng
RT: 15.68 min Scan# 2109
Delta R.T. -0.02 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

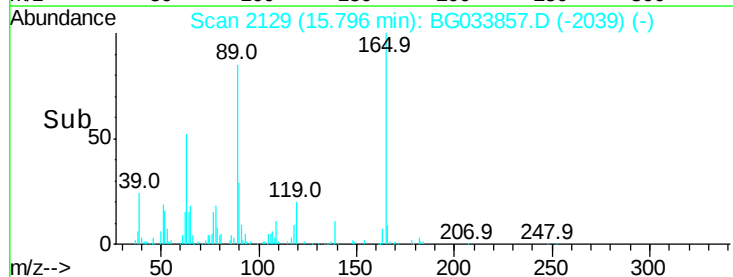
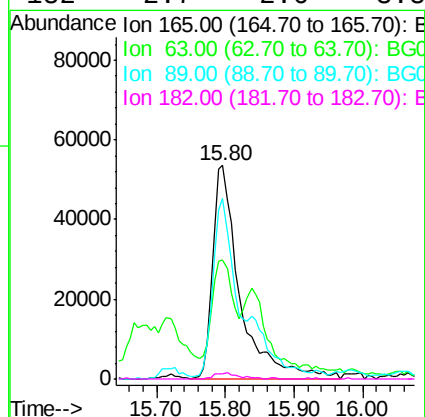
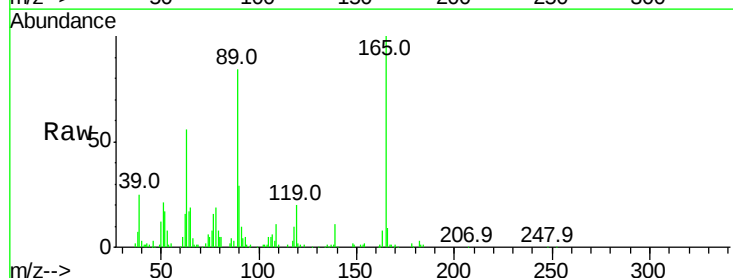
Instrument :
BNA_G
ClientSampleId :

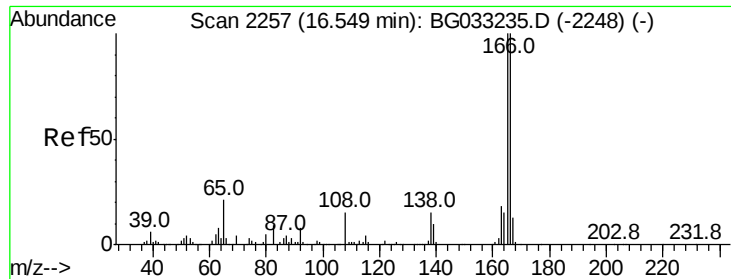
Tot Ion:139 Resp: 111478
Ion Ratio Lower Upper
139 100
109 104.8 62.2 102.2#
65 130.4 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 47.288 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

Tgt Ion:165 Resp: 148244
Ion Ratio Lower Upper
165 100
63 55.5 42.0 63.0
89 84.3 66.9 100.3
182 2.7 2.6 3.8

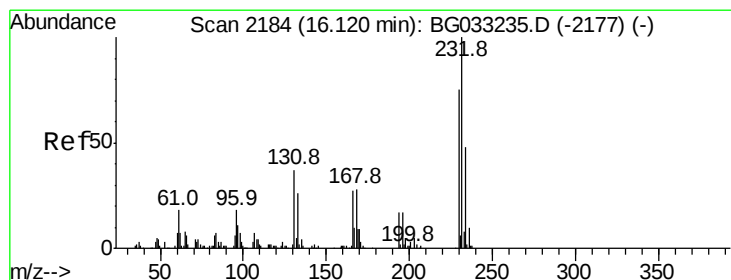
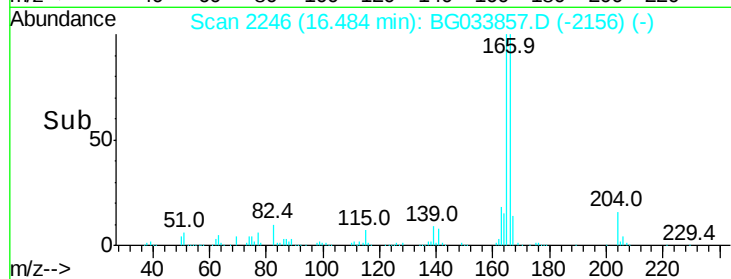
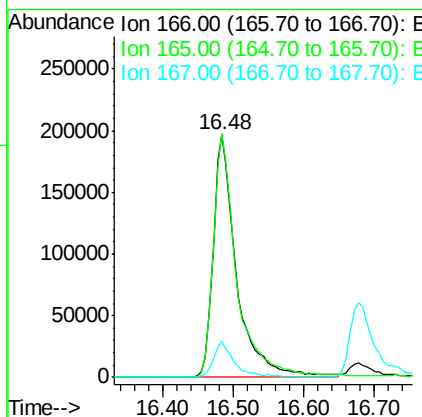
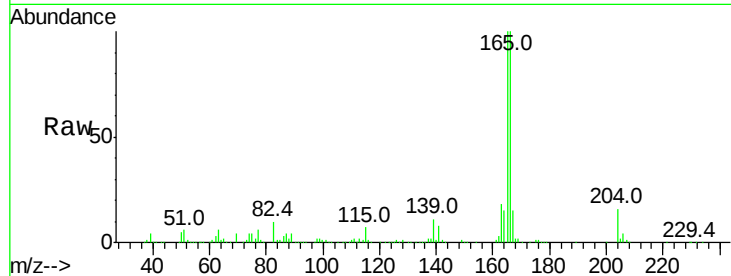




#57
 Fluorene
 Concen: 46.732 ng
 RT: 16.48 min Scan# 2246
 Delta R.T. -0.00 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

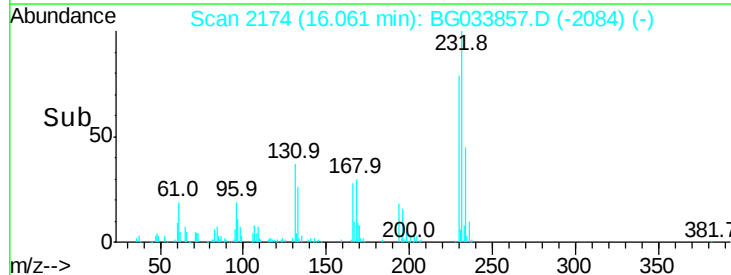
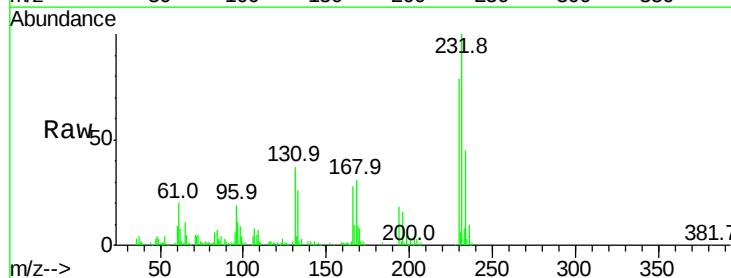
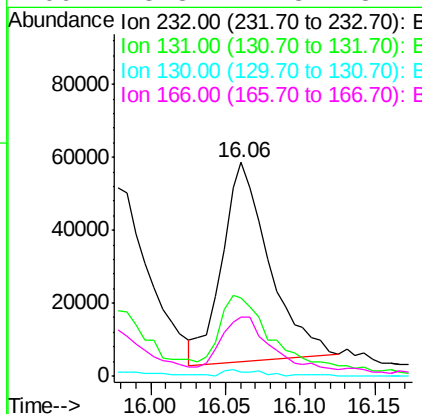
Instrument :
 BNA_G
 ClientSampleId :

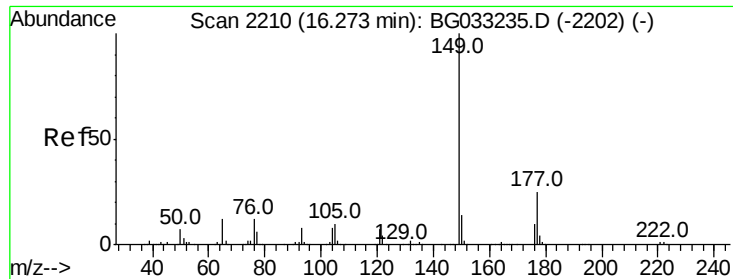
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.3	80.6	121.0
167	14.7	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.873 ng
 RT: 16.06 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.2	33.5	50.3
130	2.4	2.2	3.2
166	28.3	24.8	37.2

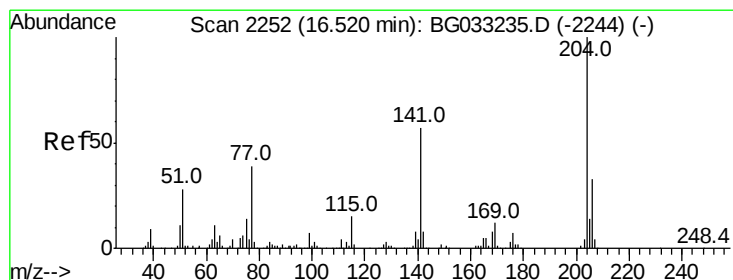
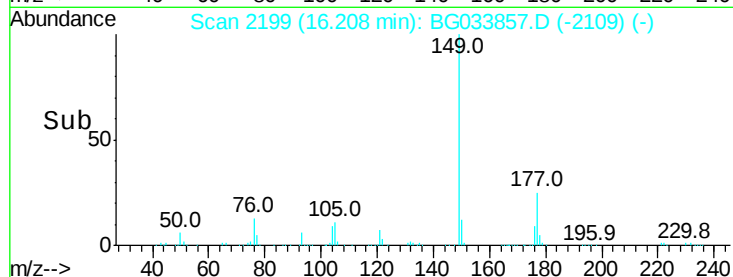
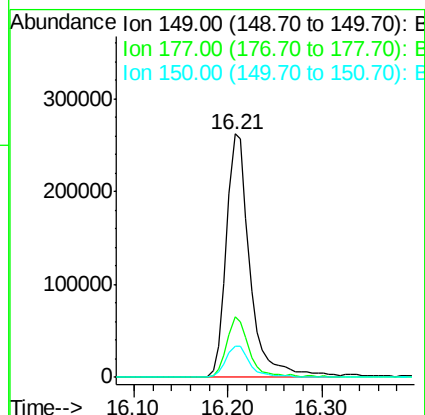
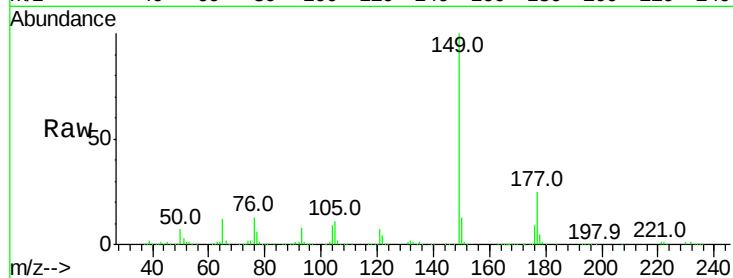




#59
Diethylphthalate
Concen: 45.610 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

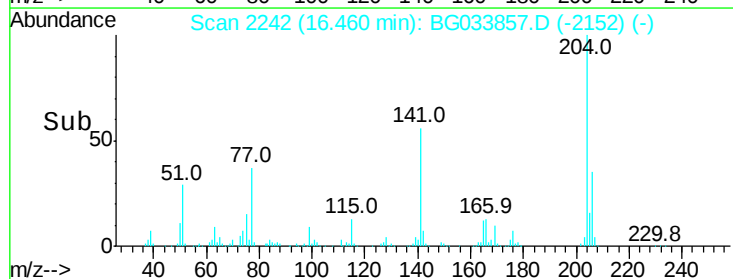
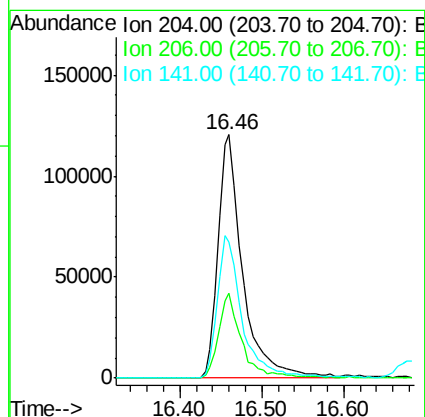
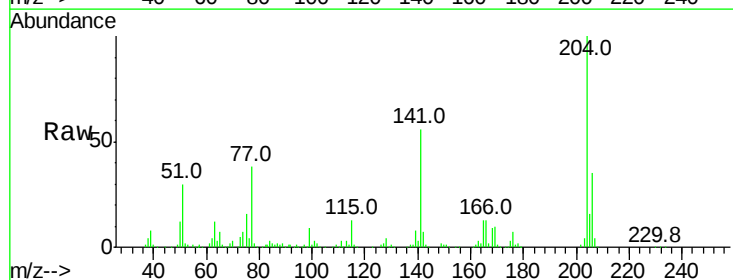
Instrument :
BNA_G
ClientSampleId :

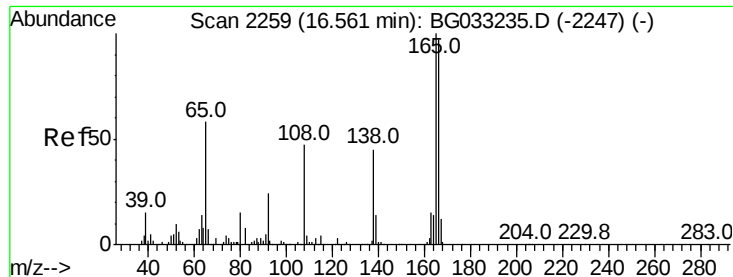
Tot Ion:149 Resp: 461171
Ion Ratio Lower Upper
149 100
177 24.7 18.5 27.7
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 46.002 ng
RT: 16.46 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

Tgt Ion:204 Resp: 253793
Ion Ratio Lower Upper
204 100
206 34.6 26.2 39.2
141 55.8 45.8 68.6





#61

4-Nitroaniline

Concen: 26.117 ng

RT: 16.54 min Scan# 2256

Delta R.T. -0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Instrument :

BNA_G

ClientSampleId :

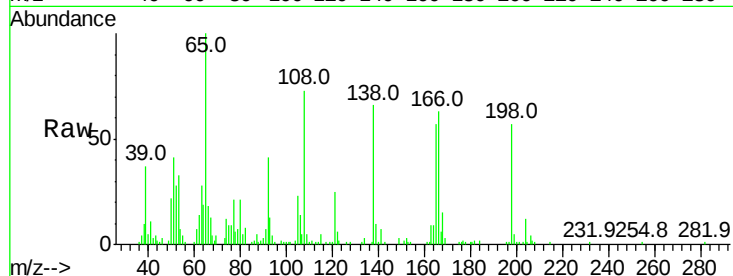
Tot Ion:138 Resp: 59036

Ion Ratio Lower Upper

138 100

92 62.3 40.1 80.1

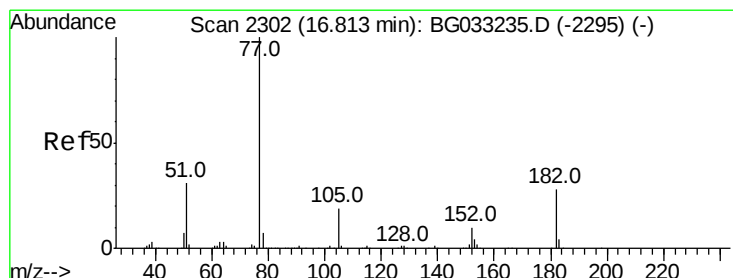
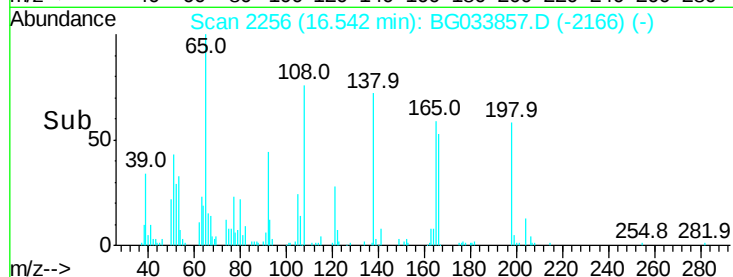
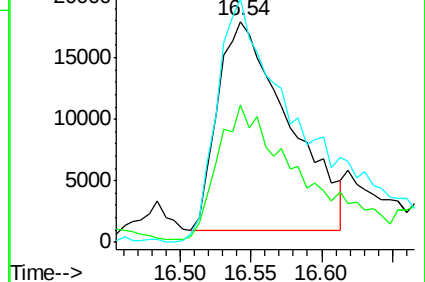
108 110.2 65.4 105.4#



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: 47.462 ng

RT: 16.75 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Tgt Ion: 77 Resp: 464872

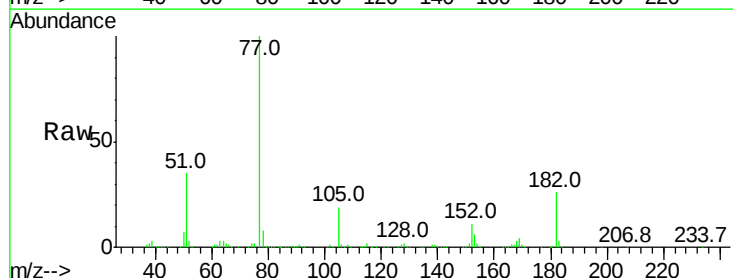
Ion Ratio Lower Upper

77 100

182 26.0 7.4 47.4

105 19.1 0.3 40.3

51 34.7 11.6 51.6

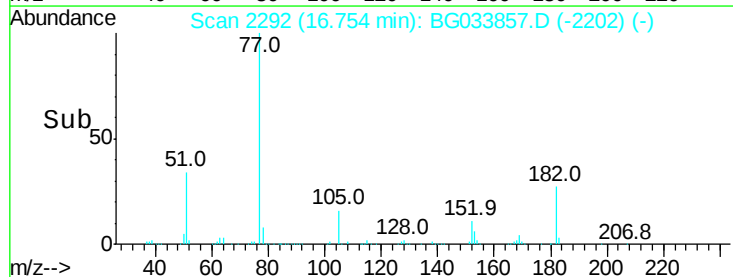
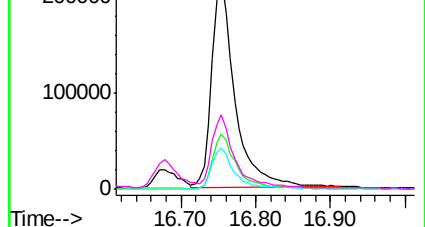


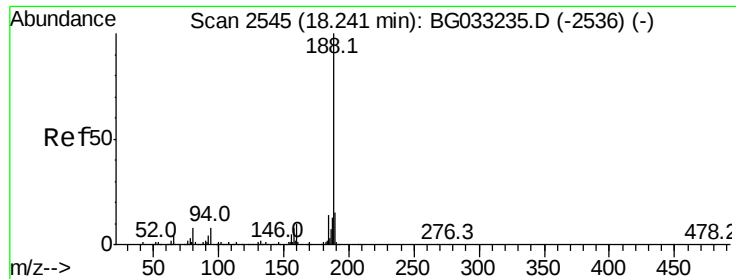
Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 18.18 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Instrument :

BNA_G

ClientSampleId :

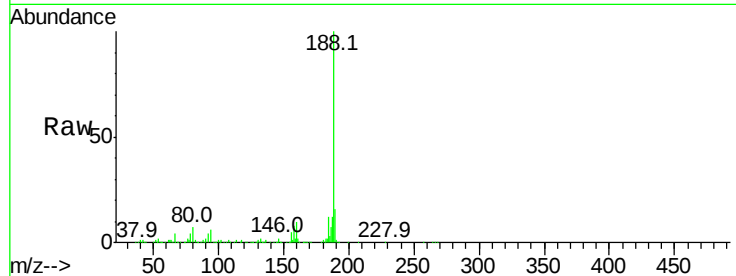
Tot Ion:188 Resp: 324872

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

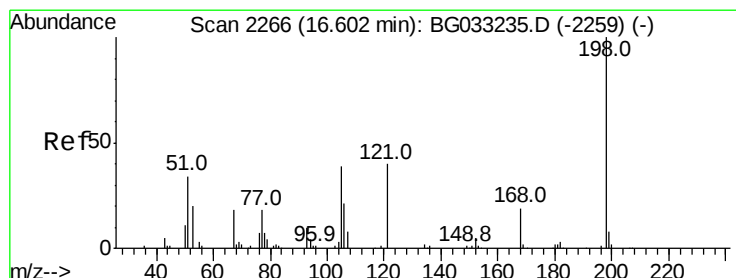
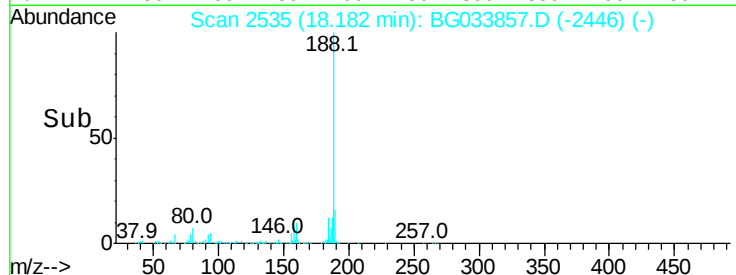
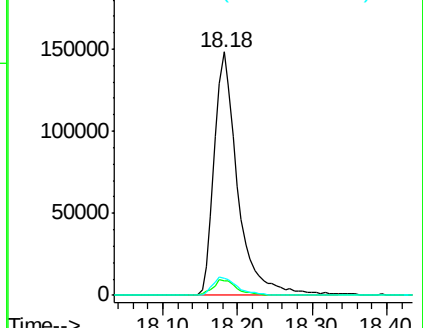
80 7.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 36.691 ng

RT: 16.55 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

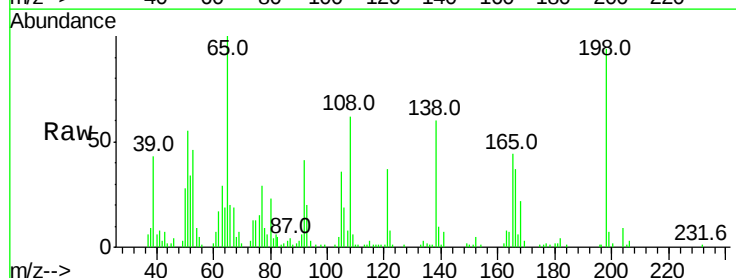
Tgt Ion:198 Resp: 71308

Ion Ratio Lower Upper

198 100

51 58.4 30.6 70.6

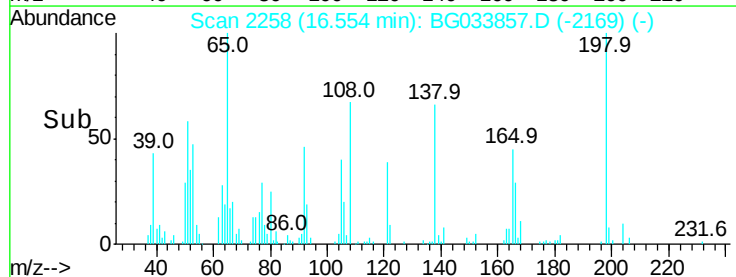
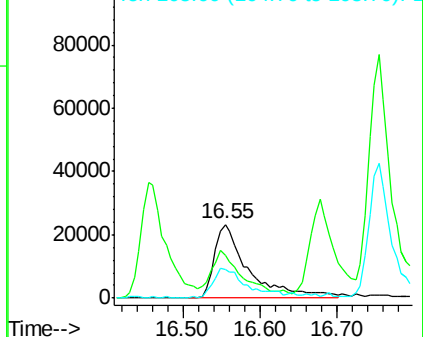
105 38.5 23.8 63.8

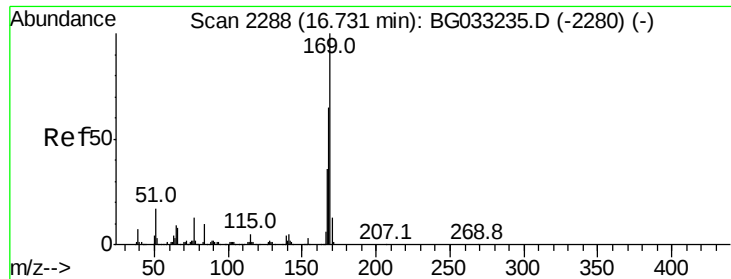


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

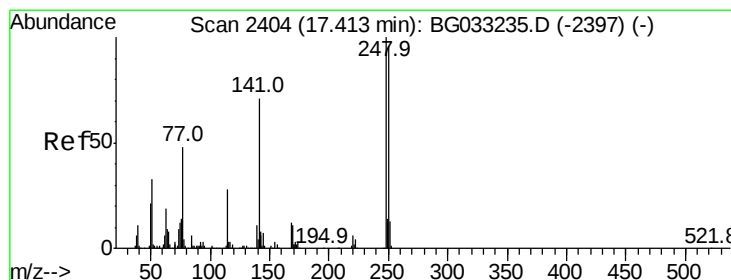
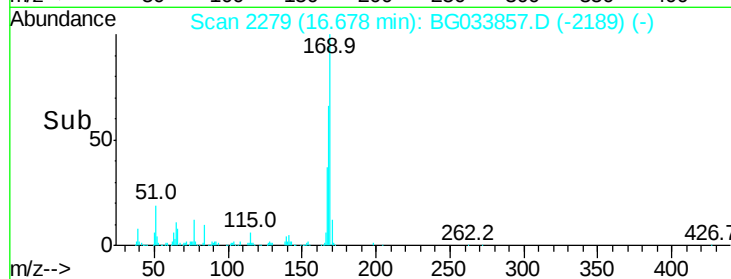
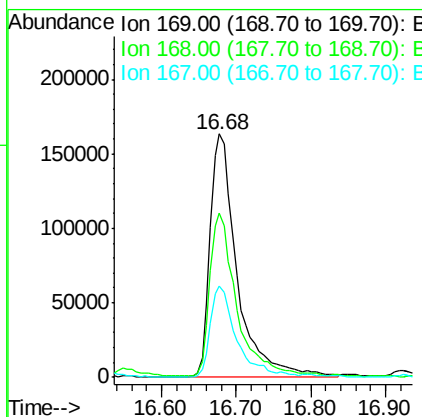
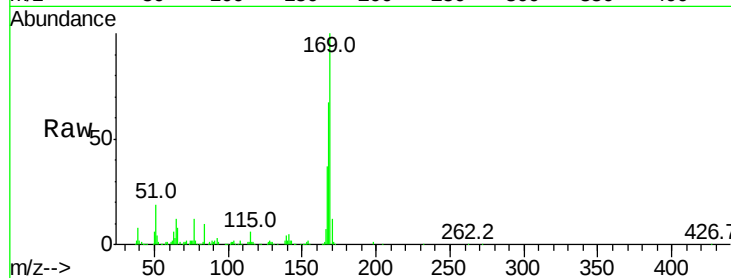




#65
 n-Nitrosodiphenylamine
 Concen: 44.208 ng
 RT: 16.68 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

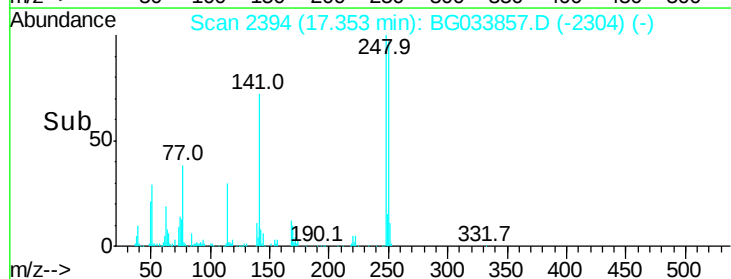
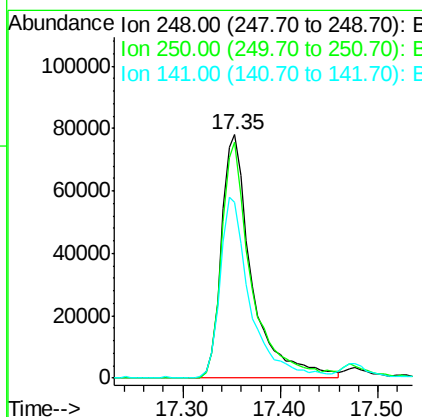
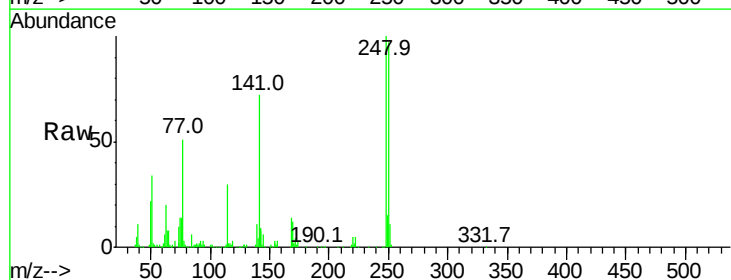
Instrument :
 BNA_G
 ClientSampleId :

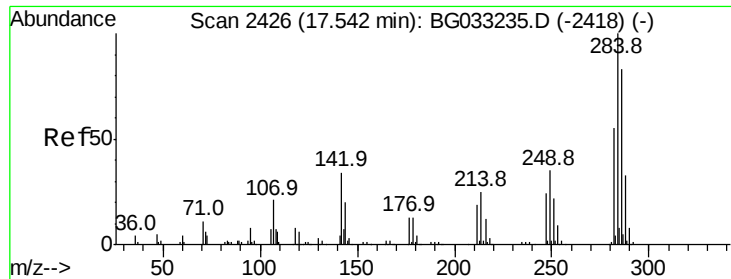
Tot Ion:169 Resp: 410017
 Ion Ratio Lower Upper
 169 100
 168 67.3 55.7 83.5
 167 37.3 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 44.188 ng
 RT: 17.35 min Scan# 2394
 Delta R.T. -0.00 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

Tgt Ion:248 Resp: 168591
 Ion Ratio Lower Upper
 248 100
 250 96.8 77.1 115.7
 141 72.4 50.8 76.2





#67

Hexachlorobenzene

Concen: 42.422 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

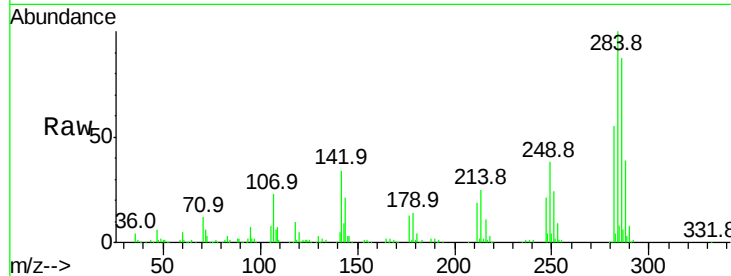
Instrument :

BNA_G

ClientSampleId :

Tot Ion:284 Resp: 170815

Ion	Ratio	Lower	Upper
284	100		
142	33.9	26.8	40.2
249	38.4	26.3	39.5

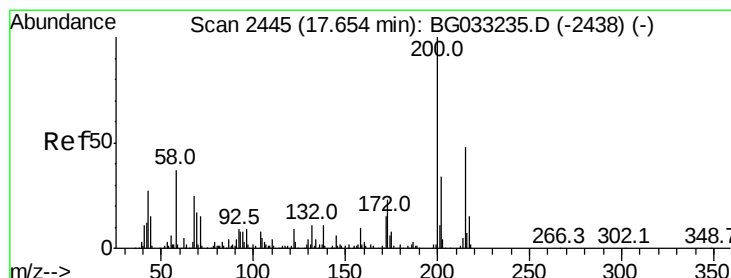
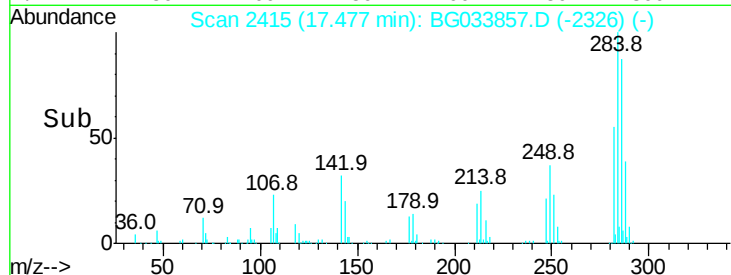
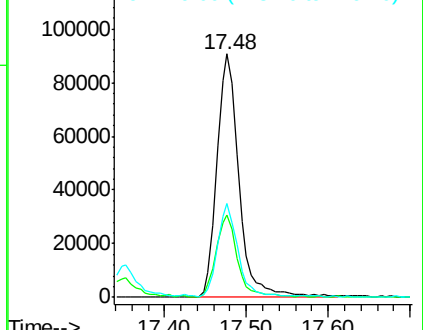


Abundance

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: 44.666 ng

RT: 17.59 min Scan# 2434

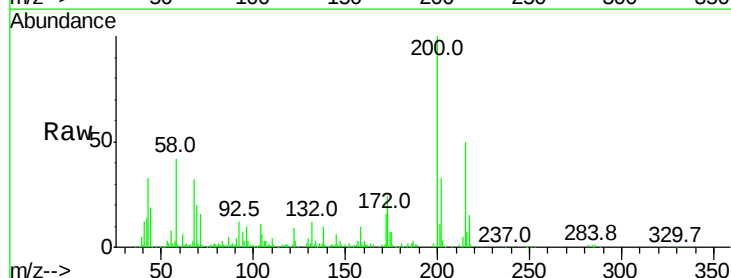
Delta R.T. -0.01 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Tgt Ion:200 Resp: 167866

Ion	Ratio	Lower	Upper
200	100		
173	24.2	5.2	45.2
215	50.2	30.4	70.4

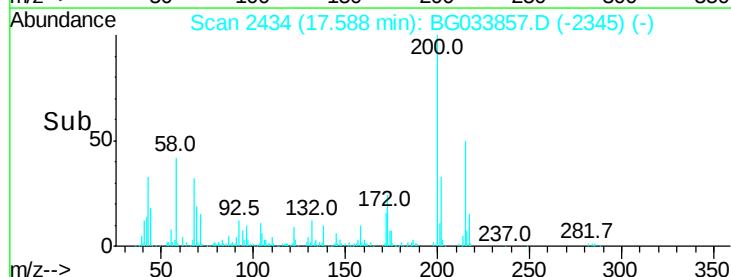
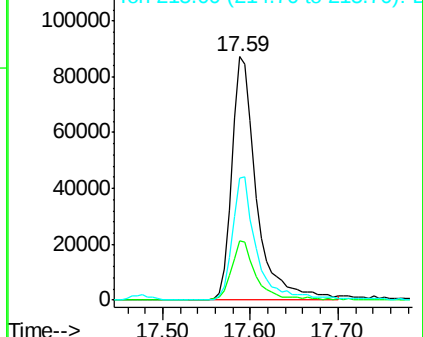


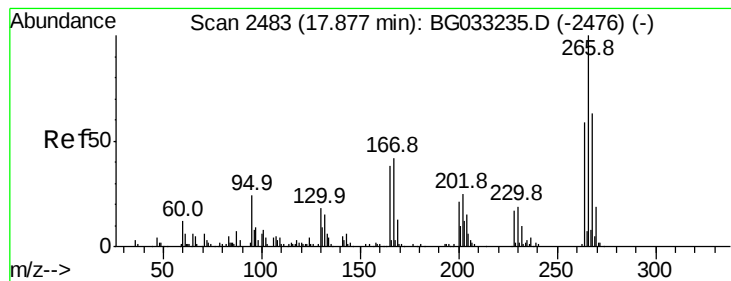
Abundance

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: 68.694 ng

RT: 17.82 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Instrument :

BNA_G

ClientSampled :

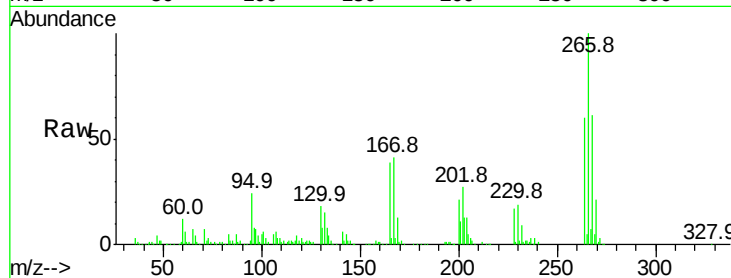
Tot Ion:266 Resp: 189845

Ion Ratio Lower Upper

266 100

268 60.8 51.1 76.7

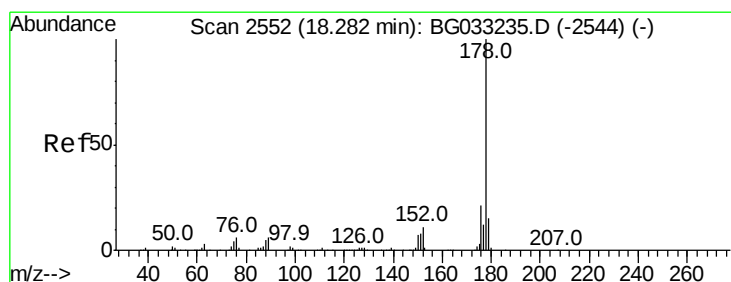
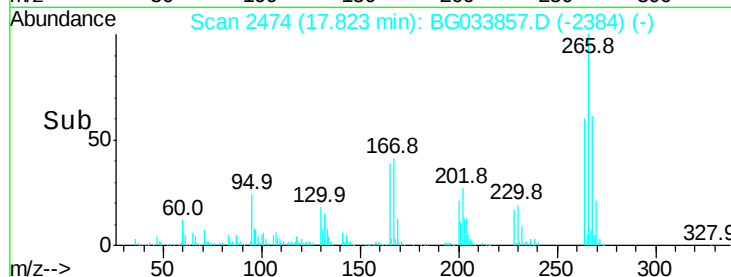
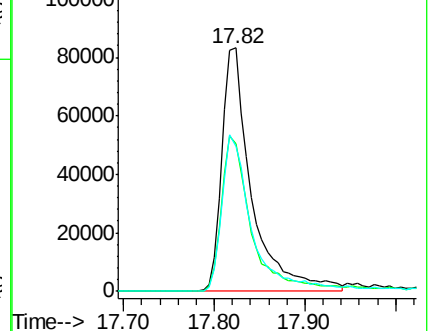
264 59.8 49.6 74.4



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: 43.536 ng

RT: 18.22 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

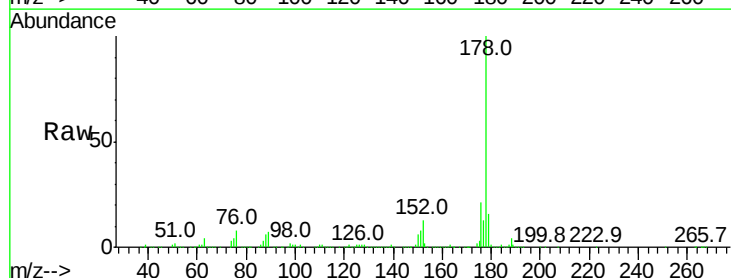
Tgt Ion:178 Resp: 736600

Ion Ratio Lower Upper

178 100

176 20.6 15.7 23.5

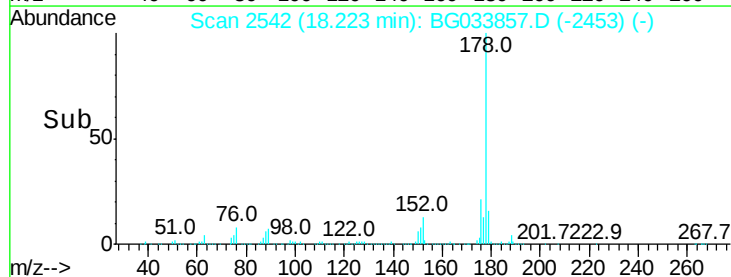
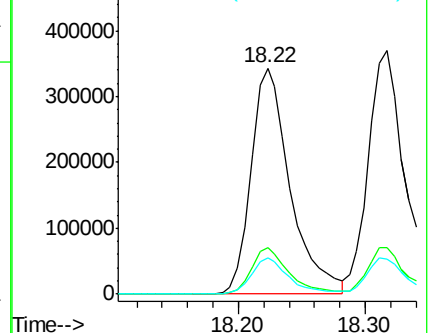
179 16.0 12.5 18.7

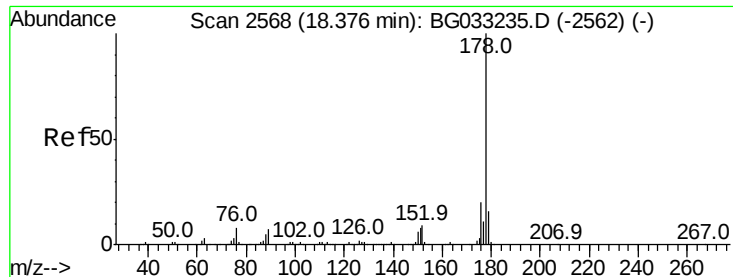


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

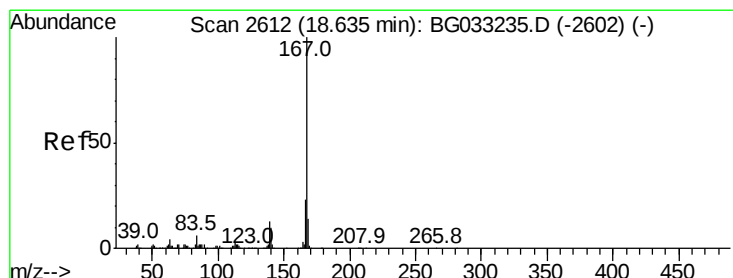
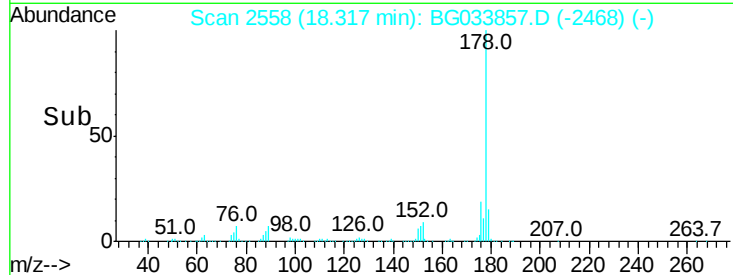
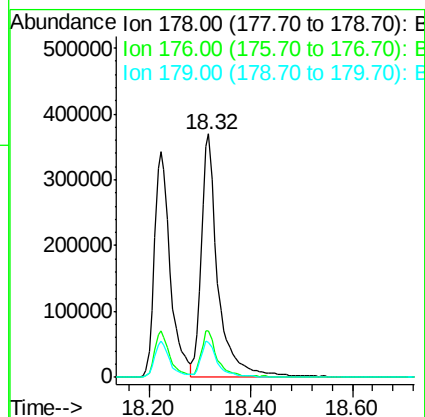
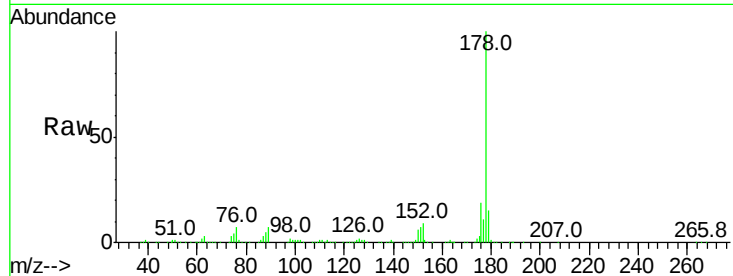




#71
 Anthracene
 Concen: 48.701 ng
 RT: 18.32 min Scan# 2558
 Delta R.T. -0.00 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

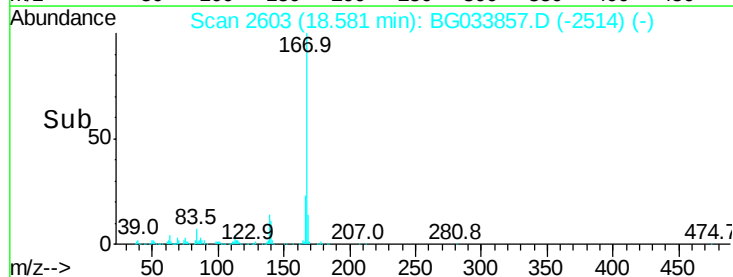
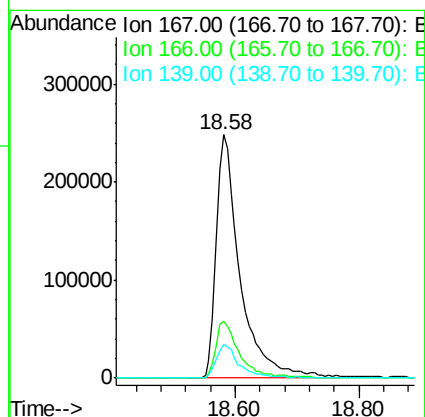
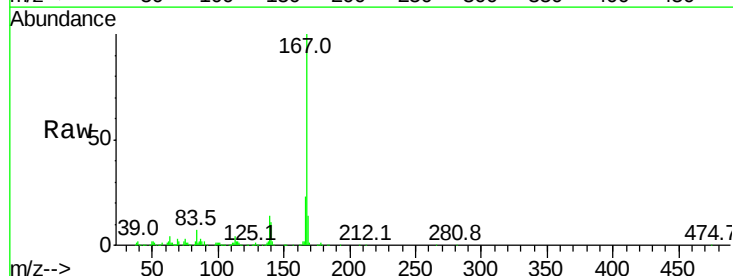
Instrument :
 BNA_G
 ClientSampleId :

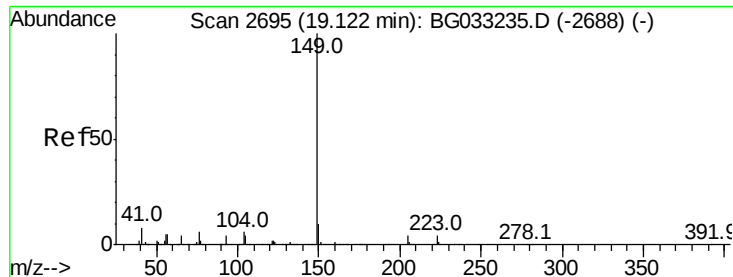
Tot Ion:178 Resp: 834316
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.0 24.0
 179 14.6 12.5 18.7



#72
 Carbazole
 Concen: 43.629 ng
 RT: 18.58 min Scan# 2603
 Delta R.T. -0.01 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

Tgt Ion:167 Resp: 662322
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.4
 139 13.9 9.4 14.2





#73

Di-n-butylphthalate

Concen: 45.714 ng

RT: 19.06 min Scan# 2685

Delta R.T. -0.01 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Instrument :

BNA_G

ClientSampleId :

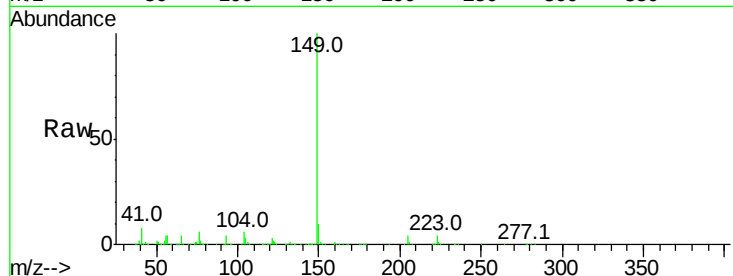
Tot Ion:149 Resp: 807744

Ion Ratio Lower Upper

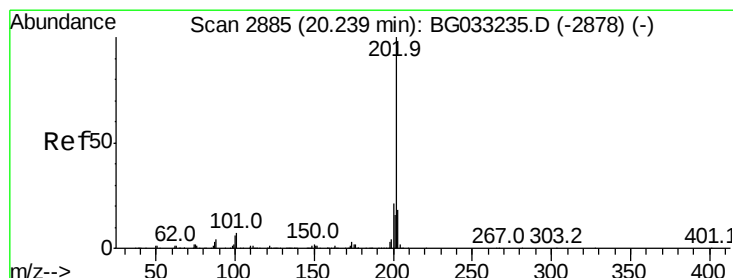
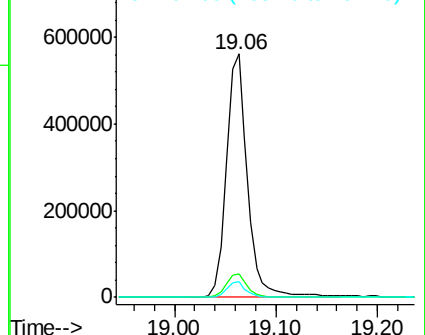
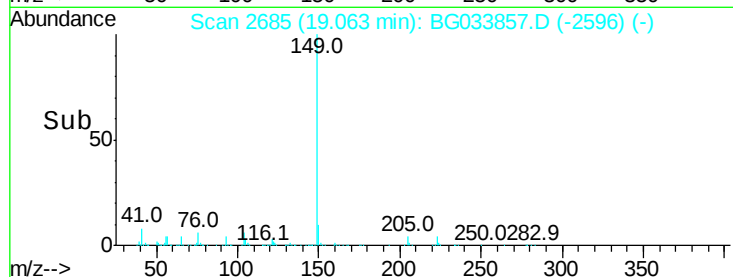
149 100

150 9.6 7.8 11.6

104 6.3 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: 45.595 ng

RT: 20.18 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

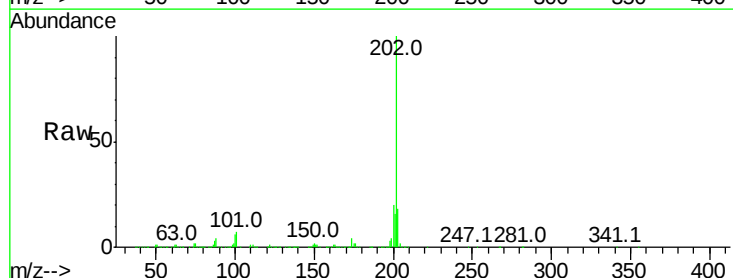
Tgt Ion:202 Resp: 954642

Ion Ratio Lower Upper

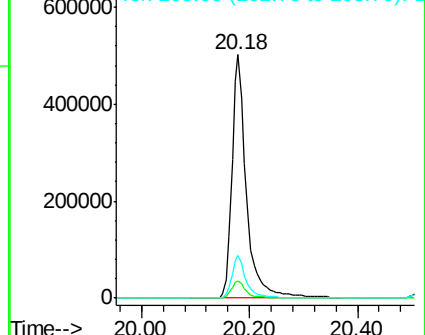
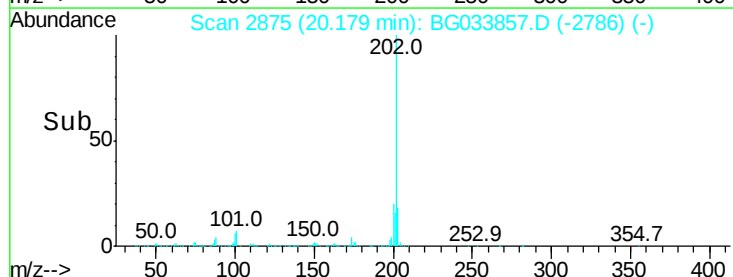
202 100

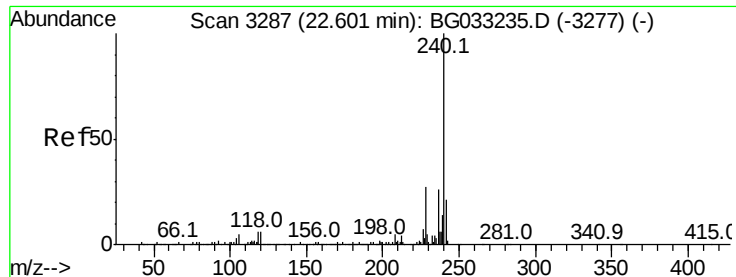
101 6.9 0.0 28.9

203 17.6 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: 22.52 min Scan# 3274

Delta R.T. -0.01 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Instrument :

BNA_G

ClientSampleId :

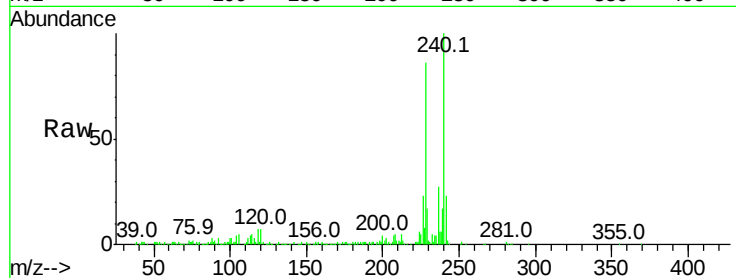
Tot Ion:240 Resp: 317891

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

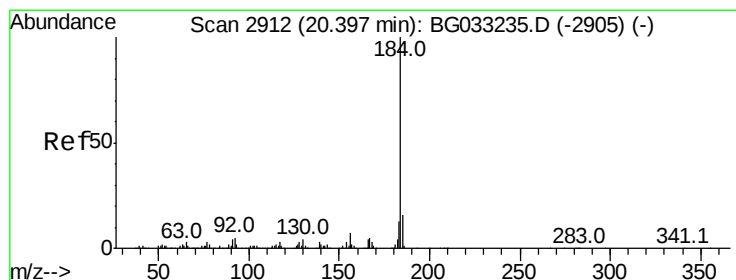
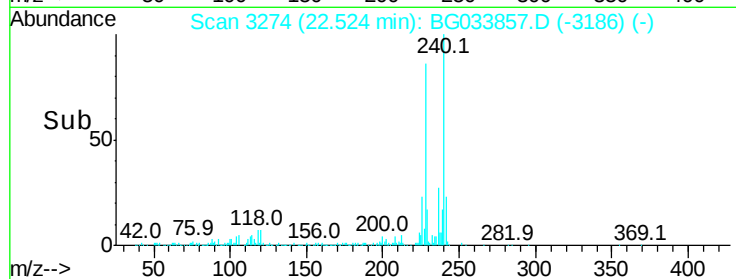
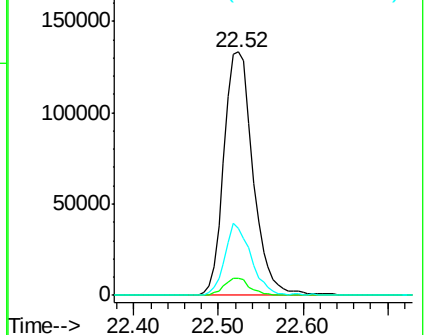
236 27.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.599 ng

RT: 20.36 min Scan# 2905

Delta R.T. -0.01 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

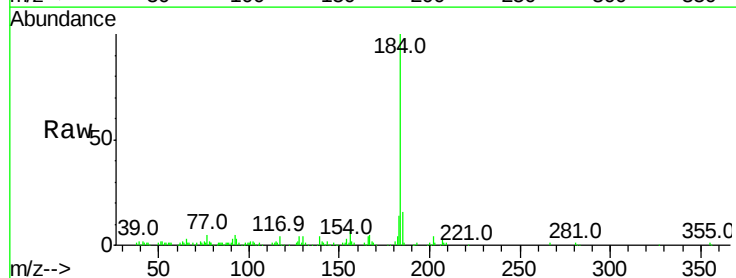
Tgt Ion:184 Resp: 160341

Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

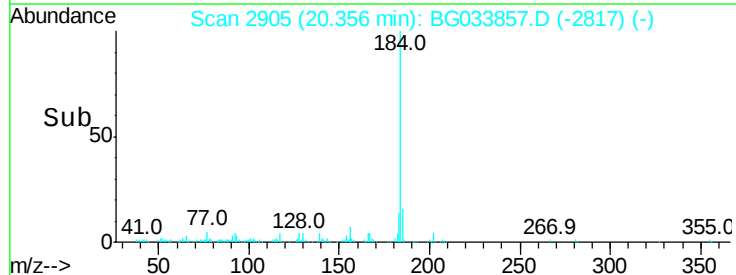
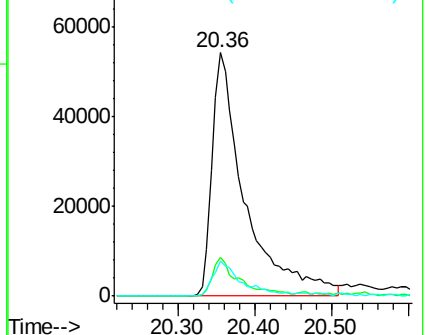
183 14.3 10.6 16.0

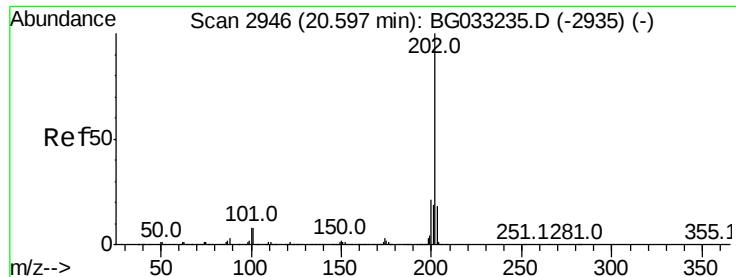


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

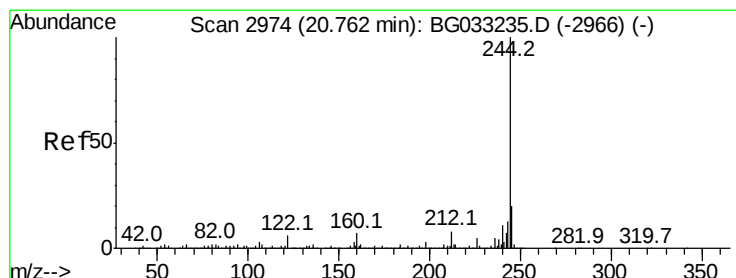
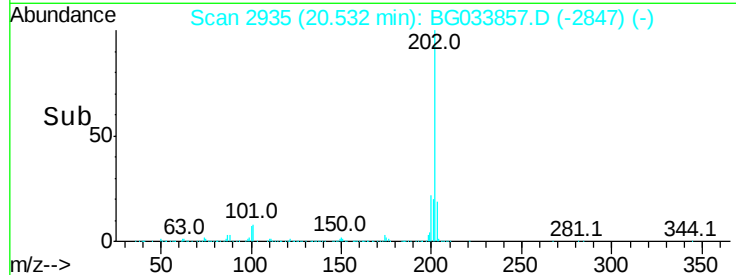
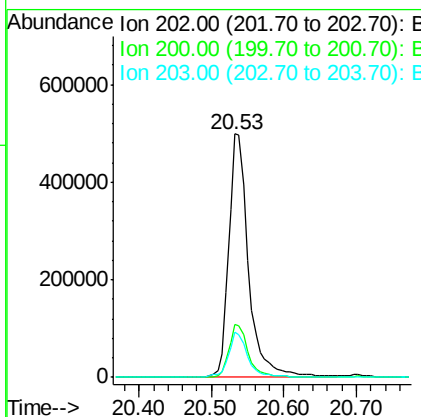
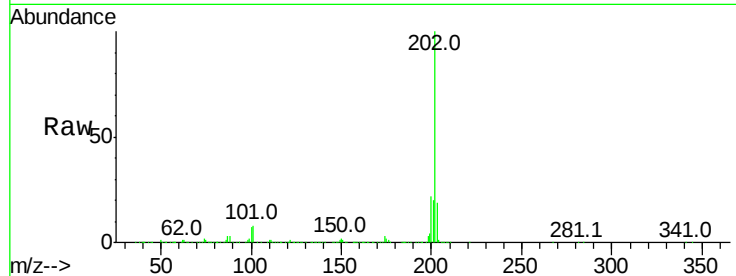




#77
Pvrene
Concen: 44.449 ng
RT: 20.53 min Scan# 2935
Delta R.T. -0.01 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

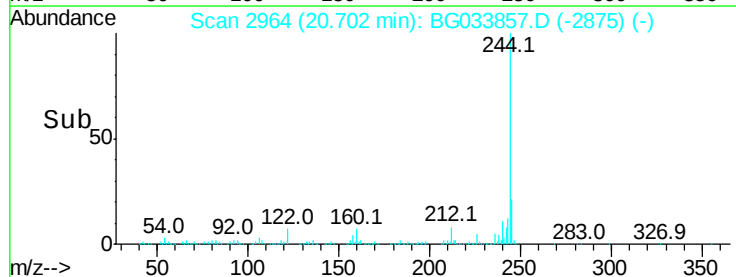
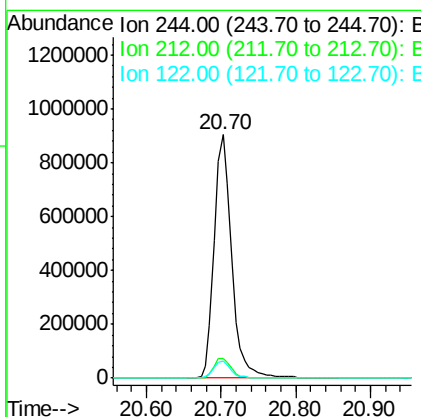
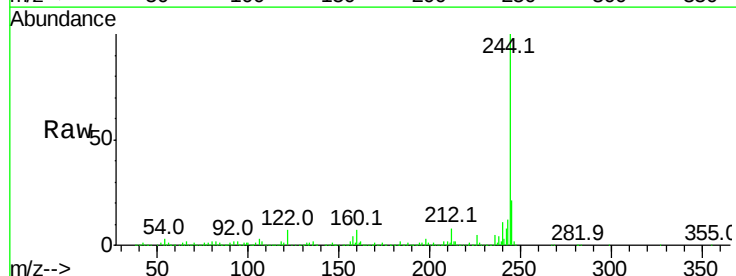
Instrument :
BNA_G
ClientSampleId :

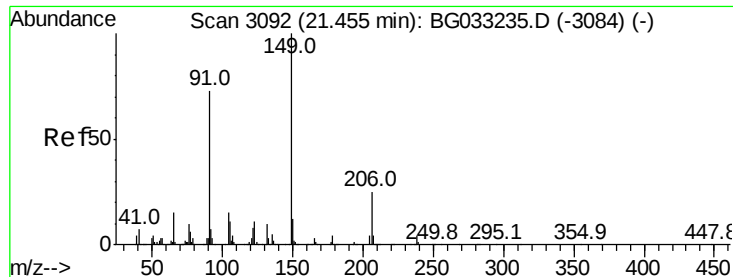
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	18.6	13.9	20.9



#78
Terphenyl-d14
Concen: 99.175 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	7.2	7.0	10.4

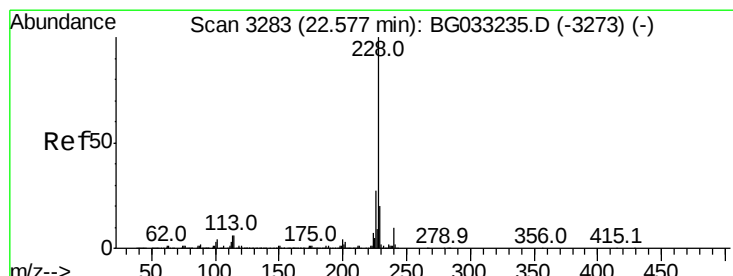
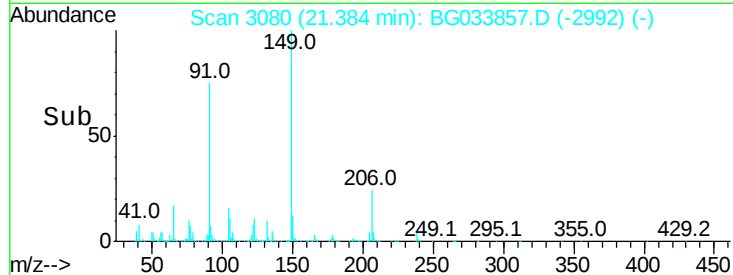
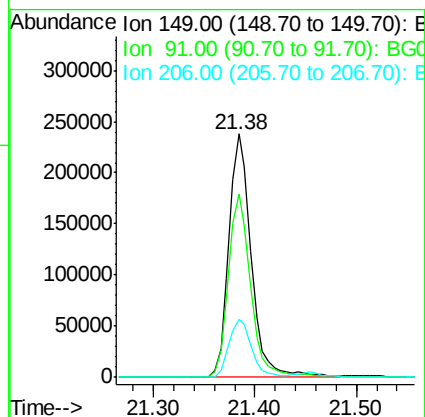
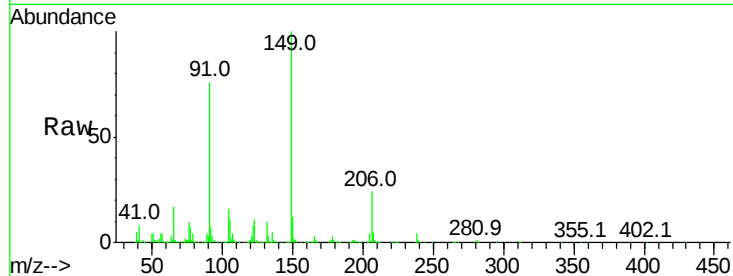




#79
Butylbenzylphthalate
Concen: 46.796 ng
RT: 21.38 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

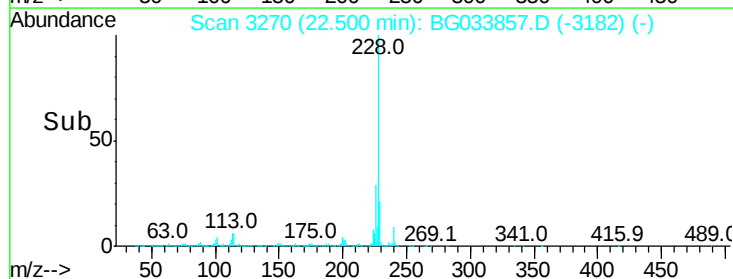
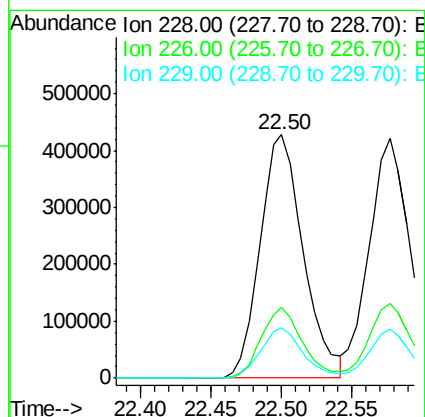
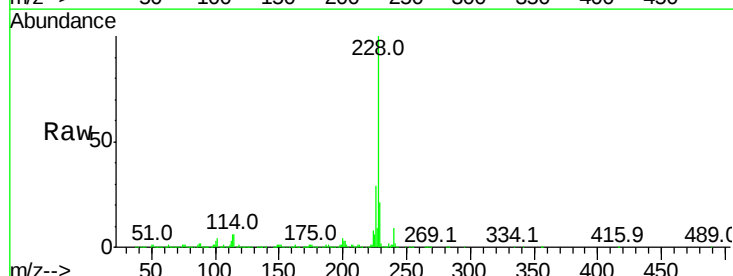
Instrument :
BNA_G
ClientSampleId :

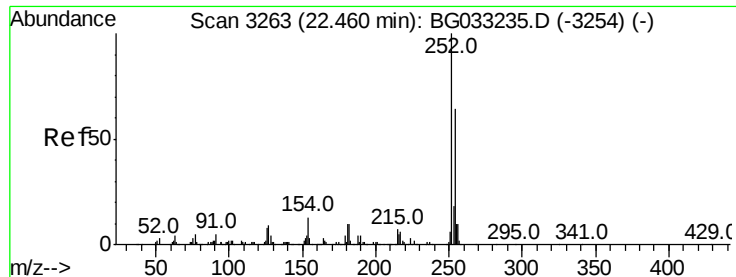
Tot Ion:149 Resp: 366120
Ion Ratio Lower Upper
149 100
91 75.5 62.2 93.2
206 23.8 18.6 27.8



#80
Benzo(a)anthracene
Concen: 45.230 ng
RT: 22.50 min Scan# 3270
Delta R.T. -0.01 min
Lab File: BG033857.D
Acq: 17 Apr 2018 22:52

Tgt Ion:228 Resp: 915539
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 20.7 16.2 24.2

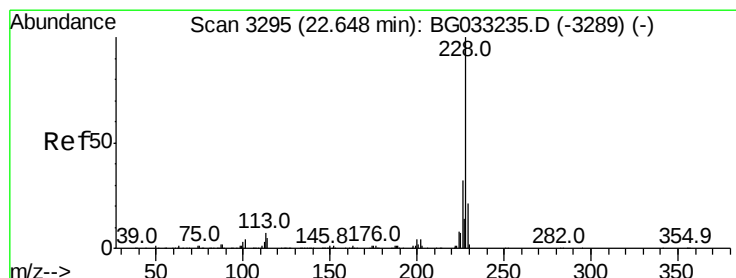
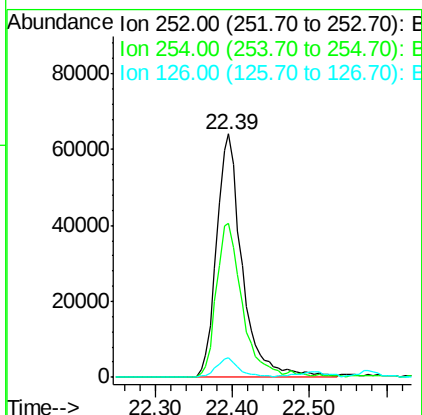
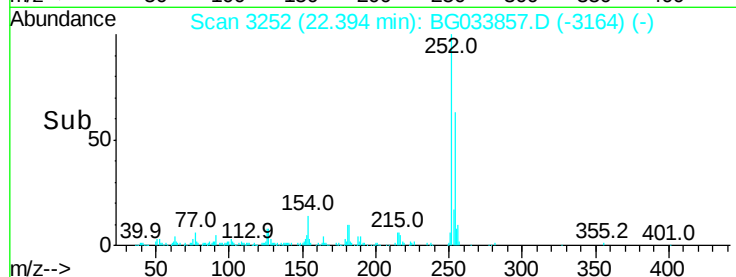
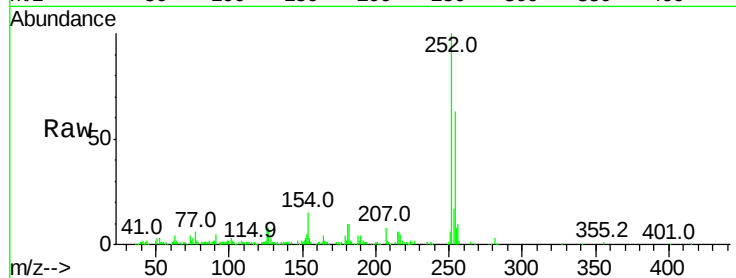




#81
 3,3'-Dichlorobenzidine
 Concen: 20.549 ng
 RT: 22.39 min Scan# 3252
 Delta R.T. -0.01 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

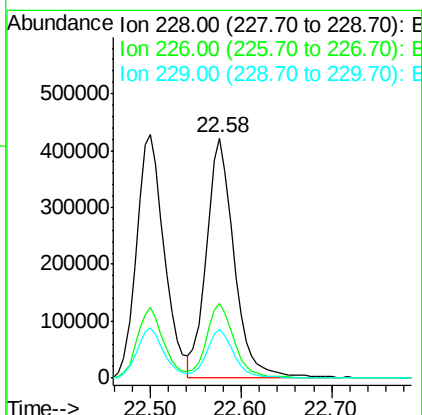
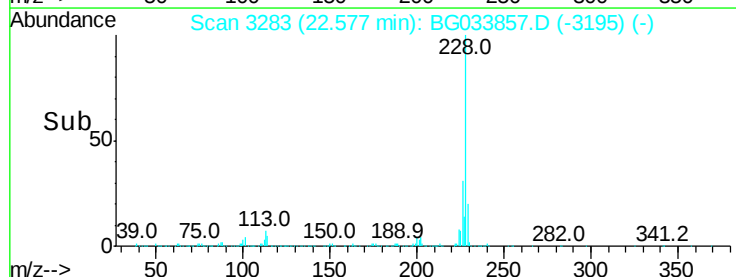
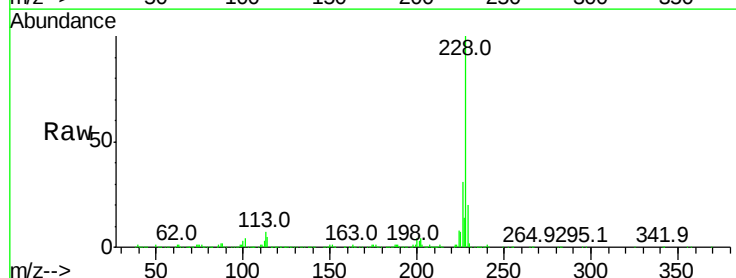
Instrument :
 BNA_G
 ClientSampleId :

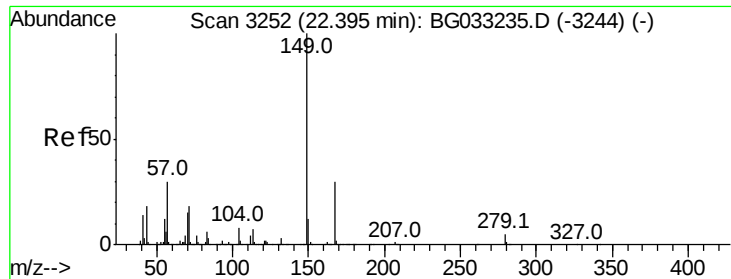
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.8	76.2
126	7.9	7.4	11.2



#82
 Chrysene
 Concen: 45.434 ng
 RT: 22.58 min Scan# 3283
 Delta R.T. -0.01 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	20.3	15.0	22.4

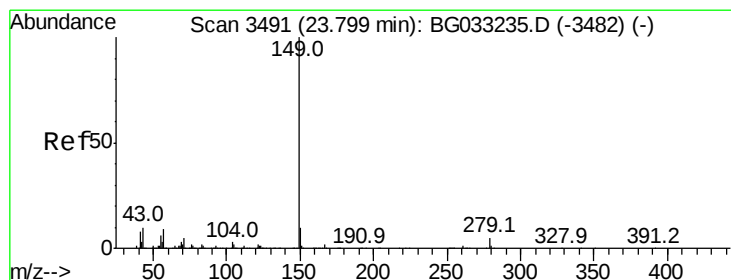
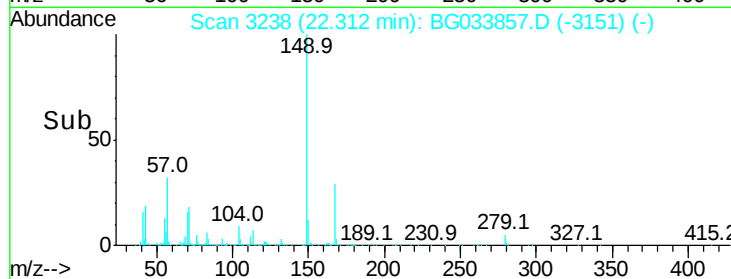
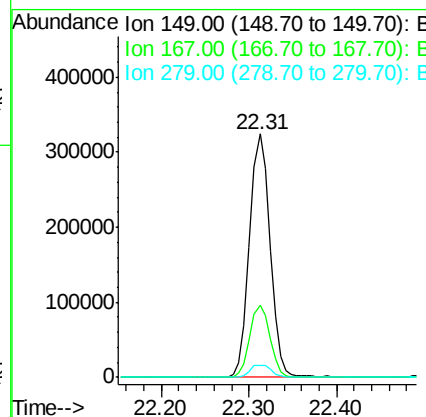
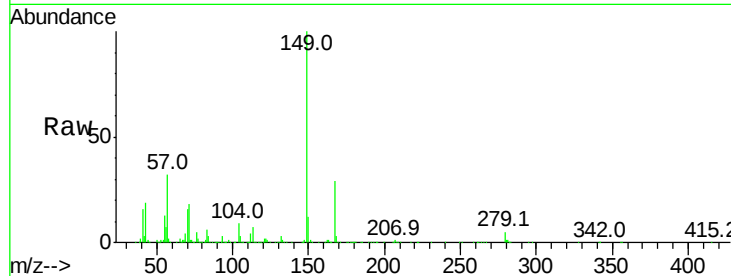




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.628 ng
 RT: 22.31 min Scan# 3238
 Delta R.T. -0.02 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

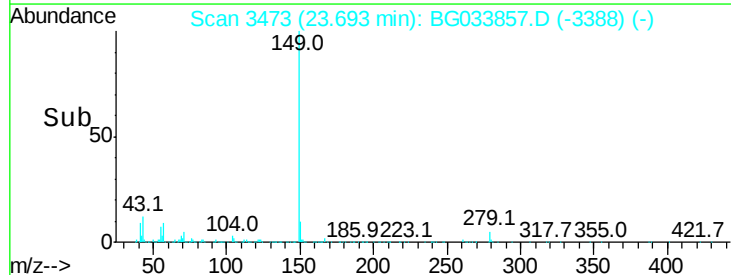
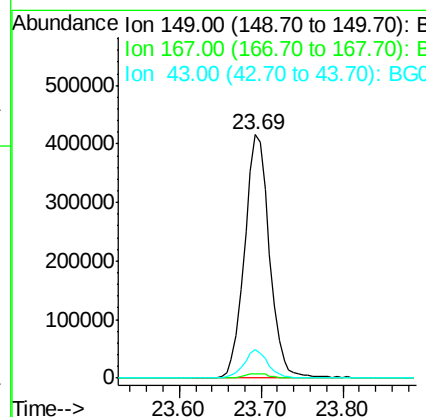
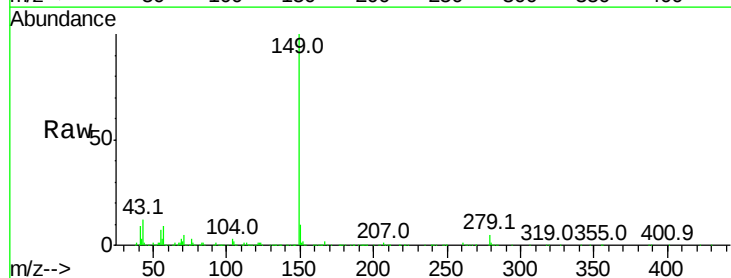
Instrument :
 BNA_G
 ClientSampleId :

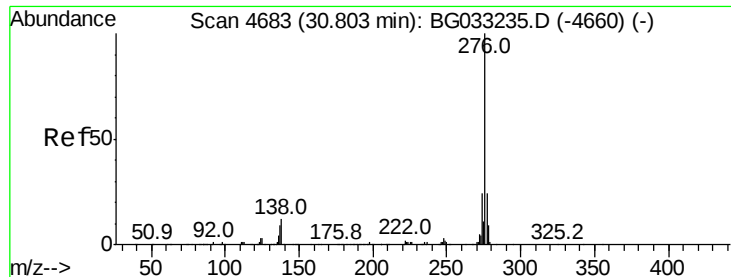
Tot Ion:149 Resp: 513681
 Ion Ratio Lower Upper
 149 100
 167 29.4 24.3 36.5
 279 5.1 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 53.347 ng
 RT: 23.69 min Scan# 3473
 Delta R.T. -0.03 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

Tgt Ion:149 Resp: 880940
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 11.1 8.9 13.3



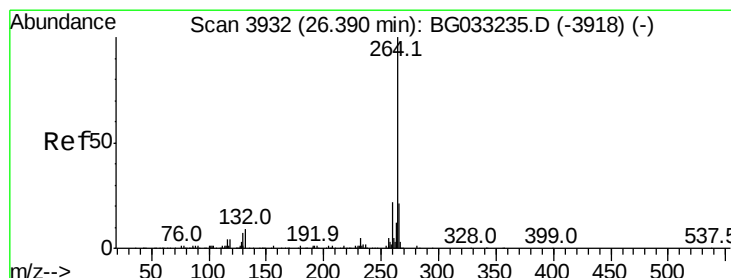
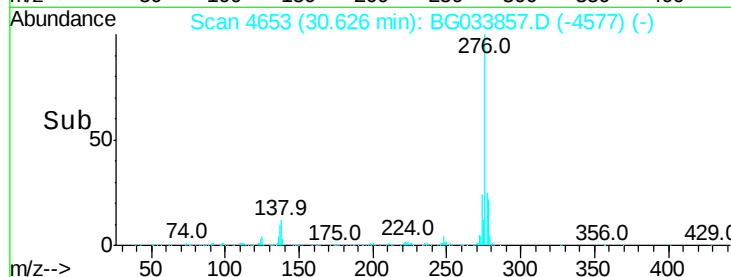
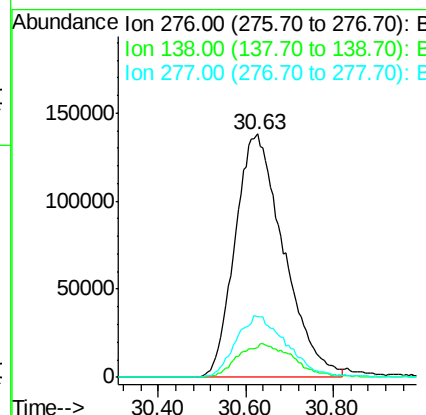
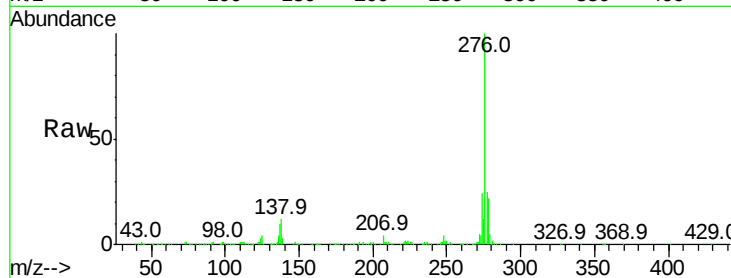


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.417 ng
 RT: 30.63 min Scan# 4653
 Delta R.T. -0.09 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1046901

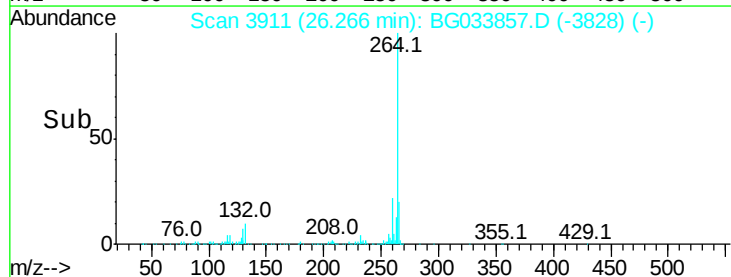
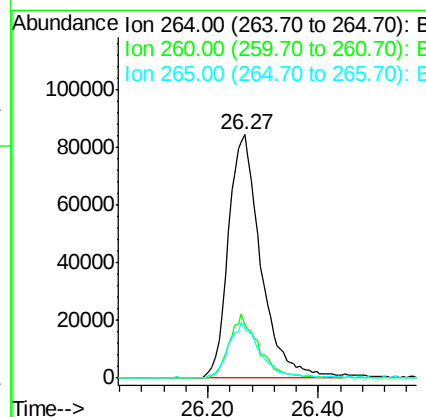
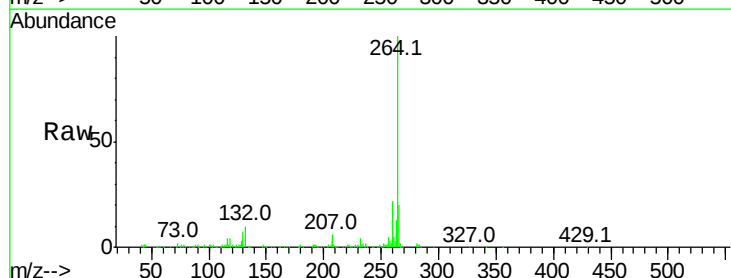
Ion	Ratio	Lower	Upper
276	100		
138	15.8	16.0	24.0#
277	26.1	20.0	30.0

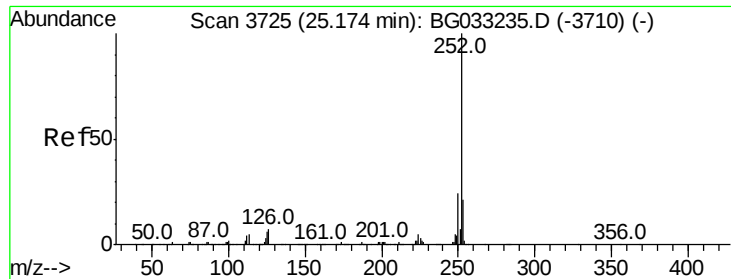


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.27 min Scan# 3911
 Delta R.T. -0.04 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

Tgt Ion:264 Resp: 346050

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.4	26.0
265	19.9	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 43.659 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.04 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Instrument :

BNA_G

ClientSampleId :

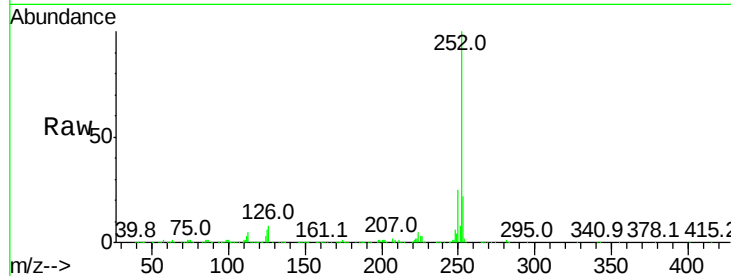
Tot Ion:252 Resp: 872865

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

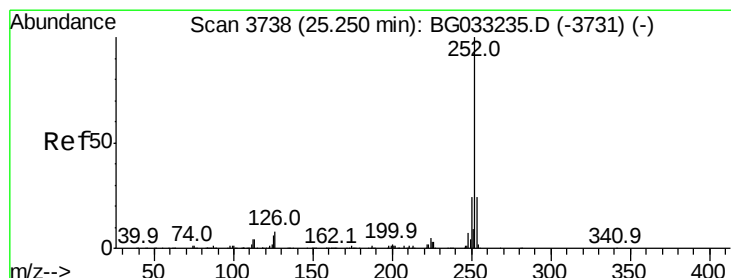
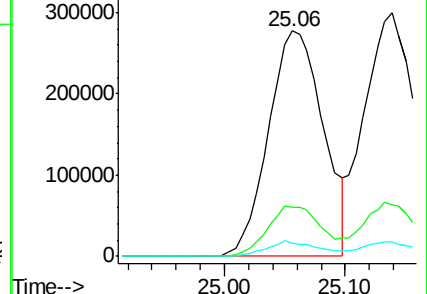
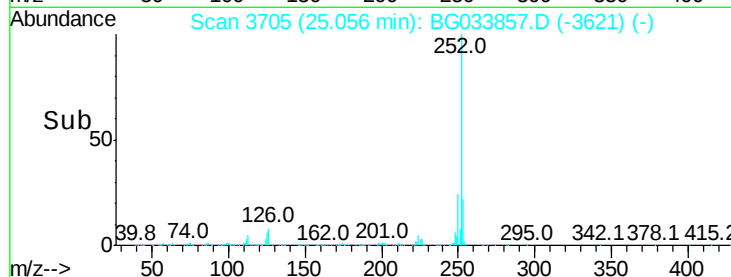
125 5.6 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.930 ng

RT: 25.14 min Scan# 3719

Delta R.T. -0.03 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

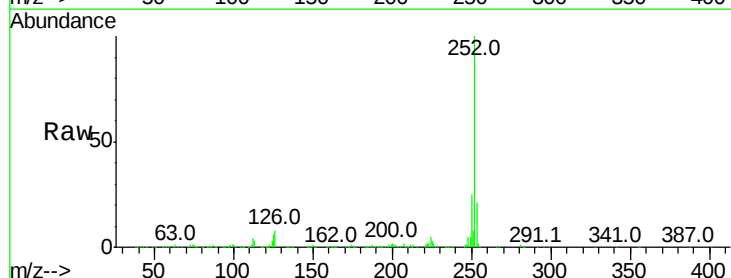
Tgt Ion:252 Resp: 948948

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

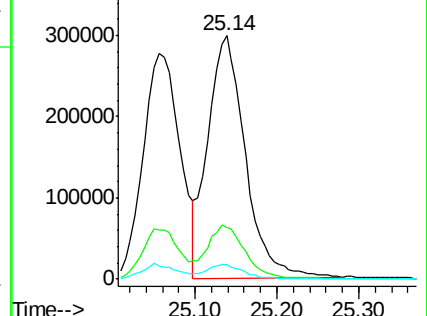
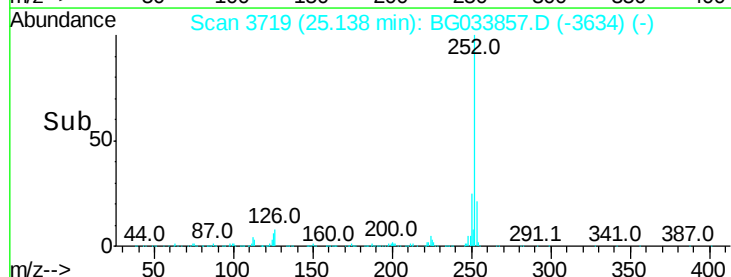
125 6.1 6.6 9.8#

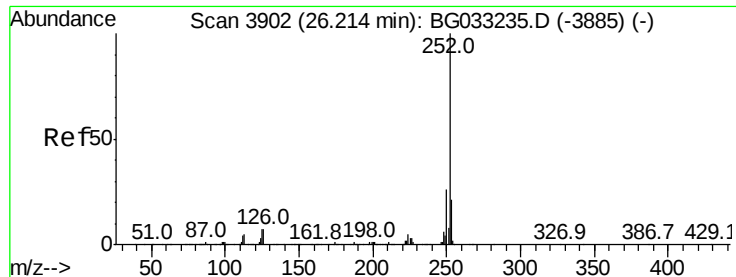


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.399 ng

RT: 26.09 min Scan# 3881

Delta R.T. -0.04 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

Instrument :

BNA_G

ClientSampleId :

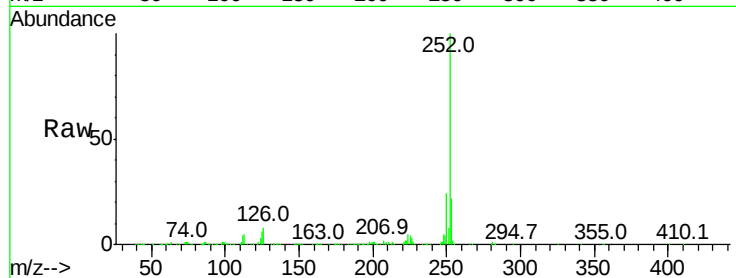
Tot Ion:252 Resp: 910055

Ion Ratio Lower Upper

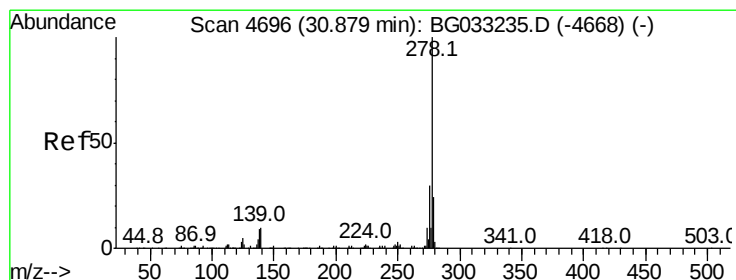
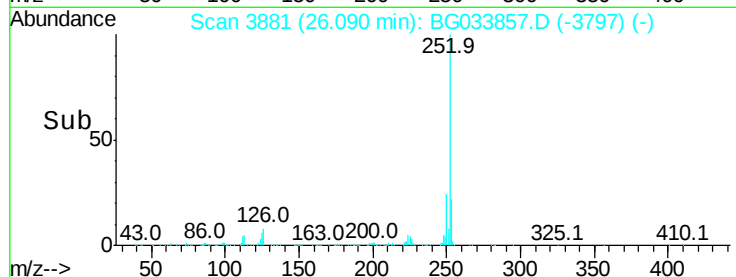
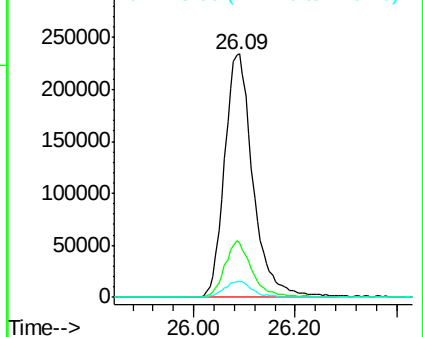
252 100

253 22.1 18.3 27.5

125 6.5 7.3 10.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 49.035 ng

RT: 30.68 min Scan# 4663

Delta R.T. -0.09 min

Lab File: BG033857.D

Acq: 17 Apr 2018 22:52

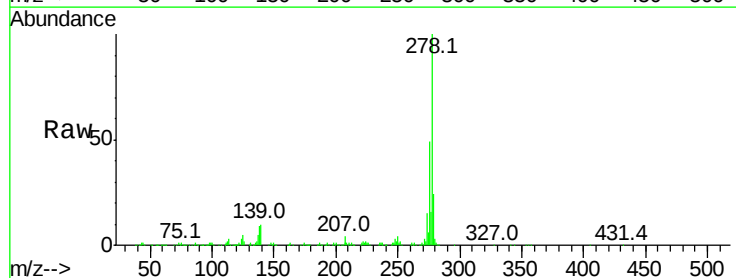
Tgt Ion:278 Resp: 886820

Ion Ratio Lower Upper

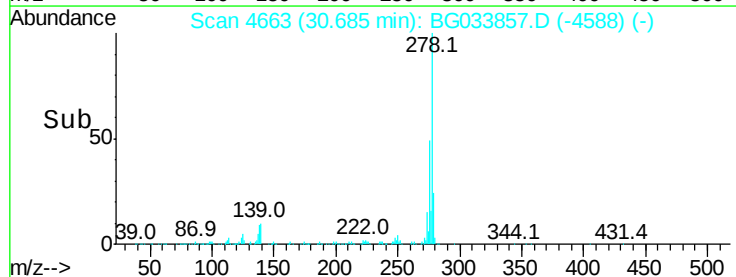
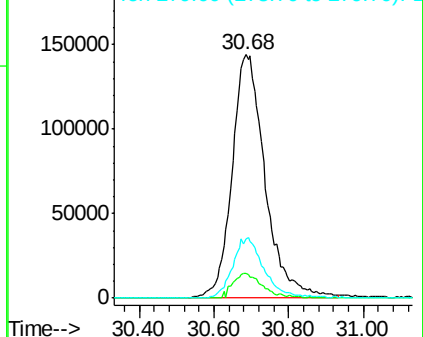
278 100

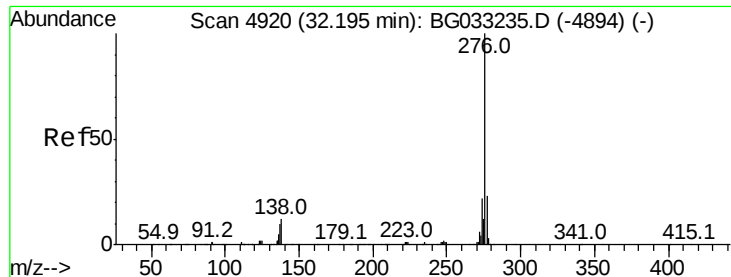
139 10.0 9.8 14.6

279 24.1 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

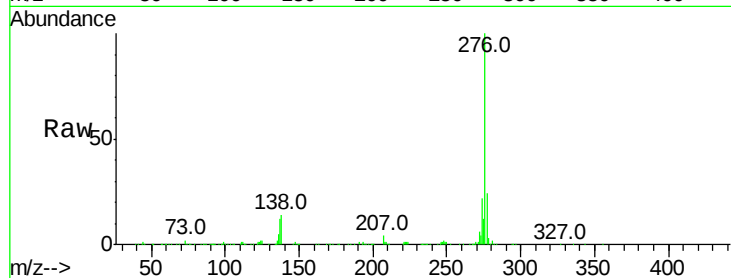




#91
 Benzo(a,h,i)perylene
 Concen: 48.822 ng
 RT: 31.99 min Scan# 4885
 Delta R.T. -0.09 min
 Lab File: BG033857.D
 Acq: 17 Apr 2018 22:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	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

