

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033280.D
 Acq On : 21 Mar 2018 00:12
 Operator : SJ/JU
 Sample : J1760-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 21 03:28:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	42532	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	176614	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	137129	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	343679	20.00	ng	0.00
75) Chrysene-d12	22.60	240	339869	20.00	ng	0.00
86) Perylene-d12	26.39	264	360932	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.31	112	323464	142.61	ng	0.00
7) Phenol-d6	8.00	99	458462	117.64	ng	0.00
23) Nitrobenzene-d5	10.10	82	372908	97.01	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	279625	136.34	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	846526	89.12	ng	0.00
78) Terphenyl-d14	20.76	244	1512463	95.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.95	88	39392	34.198	ng	# 89
3) Pyridine	4.42	79	97583	30.646	ng	94
4) n-Nitrosodimethylamine	4.31	42	61837	47.321	ng	# 91
6) Aniline	8.19	93	48490	10.580	ng	# 93
8) 2-Chlorophenol	8.44	128	128916	49.716	ng	94
9) Benzaldehyde	7.99	77	49891	20.144	ng	94
10) Phenol	8.02	94	158172	41.107	ng	86
11) bis(2-Chloroethyl)ether	8.28	93	137130	43.662	ng	97
12) 1,3-Dichlorobenzene	8.93	146	136032	40.126	ng	95
13) 1,4-Dichlorobenzene	8.93	146	136032	40.066	ng	96
14) 1,2-Dichlorobenzene	9.26	146	132374	39.947	ng	97
15) Benzyl Alcohol	9.13	79	151806	49.473	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.41	45	216907	42.364	ng	88
17) 2-Methylphenol	9.33	107	114142	43.545	ng	# 91
18) Hexachloroethane	10.01	117	53404	40.754	ng	95
19) n-Nitroso-di-n-propylamine	9.70	70	123011	43.074	ng	96
20) 3+4-Methylphenols	9.66	107	162653	43.582	ng	93
22) Acetophenone	9.74	105	215321	44.500	ng	# 97
24) Nitrobenzene	10.14	77	188728	45.868	ng	93
25) Isophorone	10.65	82	367735	49.289	ng	98
26) 2-Nitrophenol	10.87	139	75314	48.347	ng	# 81
27) 2,4-Dimethylphenol	10.90	122	137911	60.942	ng	89
28) bis(2-Chloroethoxy)methane	11.14	93	189966	51.031	ng	97
29) 2,4-Dichlorophenol	11.41	162	148806	53.469	ng	97
30) 1,2,4-Trichlorobenzene	11.63	180	159056	43.989	ng	98
31) Naphthalene	11.83	128	447076	48.849	ng	99
32) Benzoic acid	10.90	122	137911	65.557	ng	# 14
33) 4-Chloroaniline	11.93	127	31612	7.710	ng	95
34) Hexachlorobutadiene	12.09	225	113268	41.424	ng	98
35) Caprolactam	12.67	113	34944	32.050	ng	# 78
36) 4-Chloro-3-methylphenol	12.99	107	186070	51.262	ng	92
37) 2-Methylnaphthalene	13.38	142	328552	46.251	ng	89
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	212751	42.831	ng	98
40) Hexachlorocyclopentadiene	13.70	237	241033	82.776	ng	94

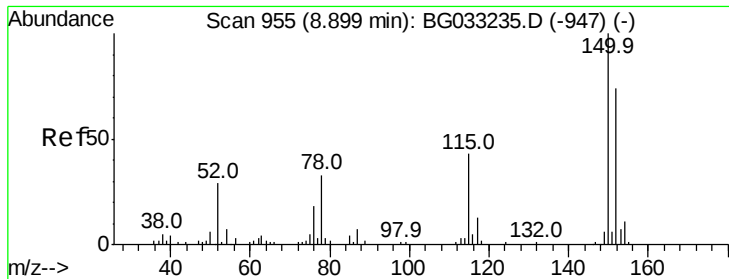
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033280.D
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 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	138120	47.859	ng	99
43) 2,4,5-Trichlorophenol	14.03	196	160990	47.195	ng	98
45) 1,1'-Biphenyl	14.35	154	455230	43.210	ng	97
46) 2-Chloronaphthalene	14.41	162	354304	43.616	ng	96
47) 2-Nitroaniline	14.60	65	140146	46.061	ng	93
48) Acenaphthylene	15.24	152	571488	42.147	ng	99
49) Dimethylphthalate	14.94	163	518938	43.484	ng	99
50) 2,6-Dinitrotoluene	15.07	165	113566	46.540	ng	97
51) Acenaphthene	15.58	154	363493	41.586	ng	96
52) 3-Nitroaniline	15.41	138	37664	14.722	ng	# 93
53) 2,4-Dinitrophenol	15.61	184	31124	29.920	ng	94
54) Dibenzofuran	15.90	168	576064	44.617	ng	93
55) 4-Nitrophenol	15.69	139	125998	70.042	ng	# 82
56) 2,4-Dinitrotoluene	15.85	165	159531	44.402	ng	92
57) Fluorene	16.55	166	478895	43.538	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.12	232	157051	48.905	ng	95
59) Diethylphthalate	16.27	149	514558	44.404	ng	98
60) 4-Chlorophenyl-phenylether	16.52	204	278862	44.103	ng	99
61) 4-Nitroaniline	16.56	138	85468	32.991	ng	# 85
62) Azobenzene	16.81	77	503590	44.862	ng	97
64) 4,6-Dinitro-2-methylphenol	16.61	198	36844	17.920	ng	94
65) n-Nitrosodiphenylamine	16.74	169	440628	44.909	ng	98
66) 4-Bromophenyl-phenylether	17.41	248	187120	46.360	ng	94
67) Hexachlorobenzene	17.54	284	185624	43.577	ng	96
68) Atrazine	17.65	200	184965	46.522	ng	99
69) Pentachlorophenol	17.88	266	176706	60.441	ng	96
70) Phenanthrene	18.29	178	795511	44.445	ng	98
71) Anthracene	18.37	178	826712	45.617	ng	99
72) Carbazole	18.63	167	707540	44.057	ng	96
73) Di-n-butylphthalate	19.13	149	833659	44.598	ng	# 99
74) Fluoranthene	20.24	202	988520	44.629	ng	97
76) Benzidine	20.40	184	159920	17.351	ng	98
77) Pyrene	20.60	202	1000784	44.151	ng	99
79) Butylbenzylphthalate	21.45	149	367536	43.939	ng	97
80) Benzo(a)anthracene	22.58	228	967107	44.688	ng	100
81) 3,3'-Dichlorobenzidine	22.46	252	101639	13.198	ng	# 98
82) Chrysene	22.66	228	912830	43.574	ng	99
83) Bis(2-ethylhexyl)phthalate	22.40	149	504095	43.717	ng	97
84) Di-n-octyl phthalate	23.80	149	858808	48.644	ng	99
85) Indeno(1,2,3-cd)pyrene	30.82	276	1054411	46.553	ng	# 85
87) Benzo(b)fluoranthene	25.18	252	918453	44.045	ng	# 97
88) Benzo(k)fluoranthene	25.26	252	942990	44.712	ng	# 97
89) Benzo(a)pyrene	26.21	252	910187	45.451	ng	# 95
90) Dibenzo(a,h)anthracene	30.89	278	881900	46.752	ng	# 95
91) Benzo(g,h,i)perylene	32.21	276	874543	46.819	ng	# 95

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

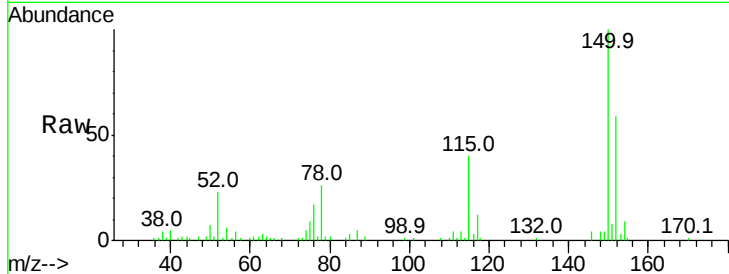


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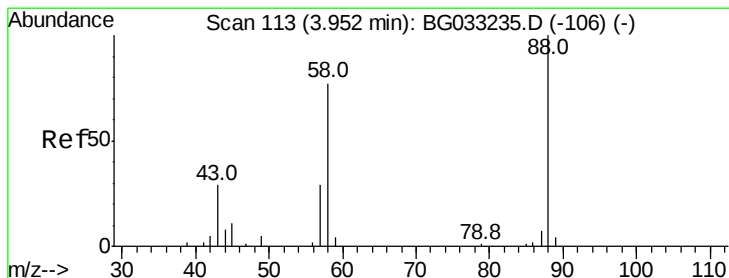
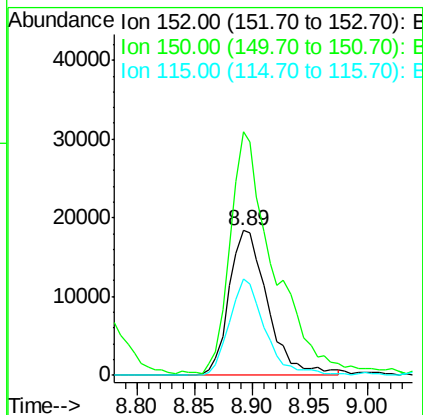
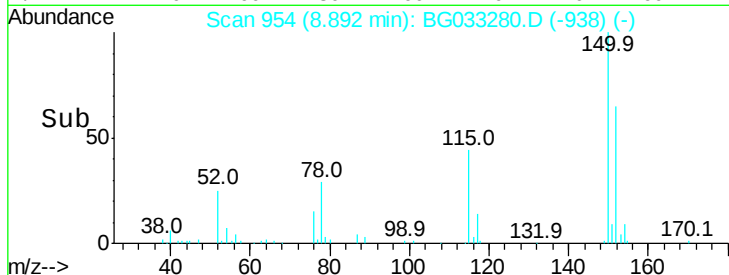
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 42532
Ion Ratio Lower Upper
152 100
150 168.1 126.6 189.8
115 67.0 53.0 79.4



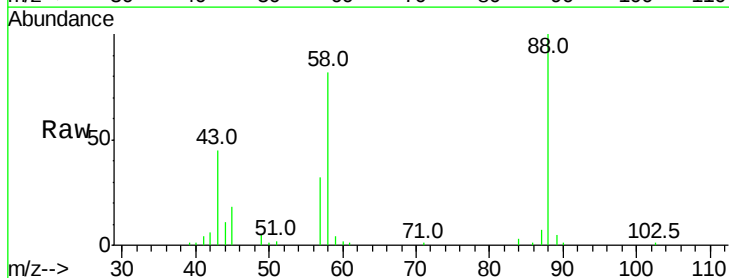
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



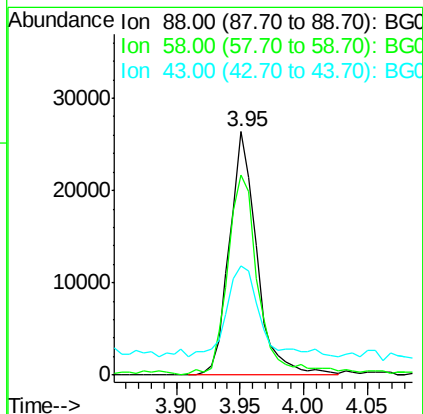
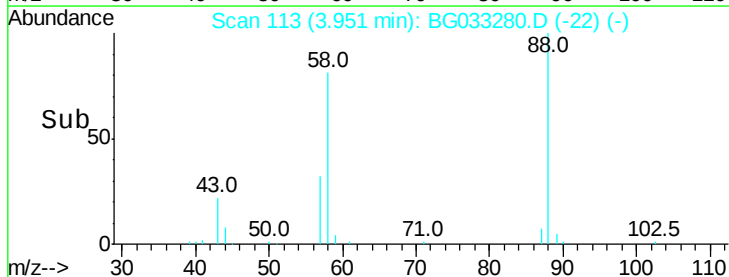
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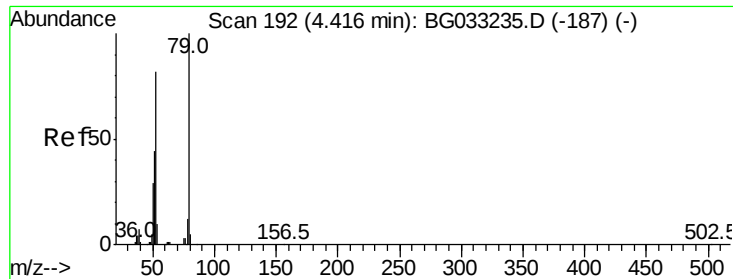
1,4-Dioxane
Concen: 34.198 ng
RT: 3.95 min Scan# 113
Delta R.T. 0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion: 88 Resp: 39392
Ion Ratio Lower Upper
88 100
58 93.5 79.6 119.4
43 48.2 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: 30.646 ng

RT: 4.42 min Scan# 193

Delta R.T. 0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

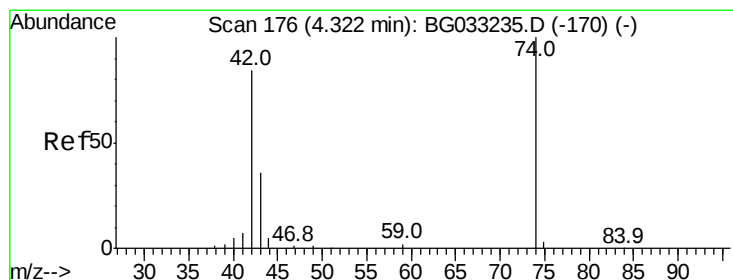
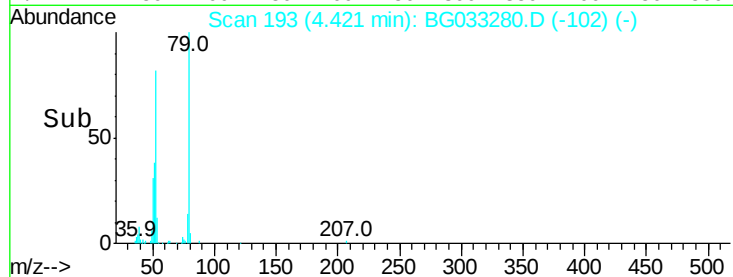
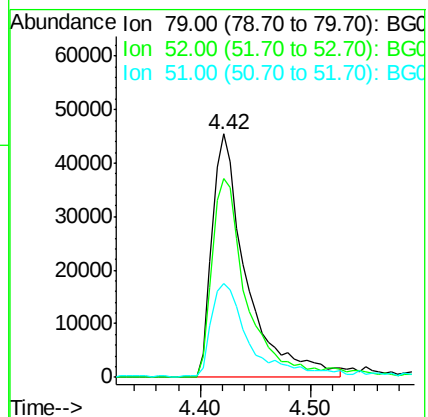
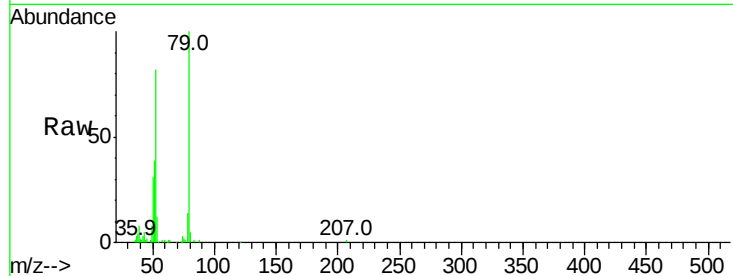
Tot Ion: 79 Resp: 97583

Ion Ratio Lower Upper

79 100

52 81.7 69.9 104.9

51 38.7 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 47.321 ng

RT: 4.31 min Scan# 175

Delta R.T. -0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

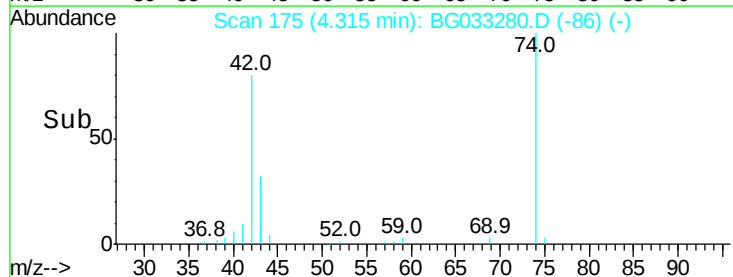
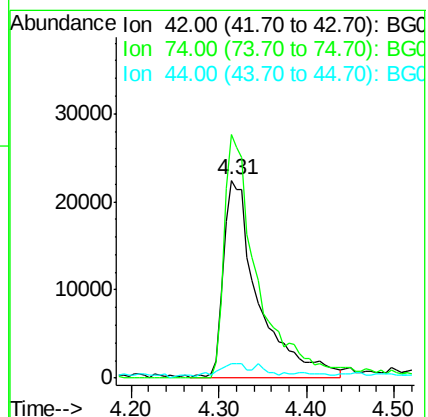
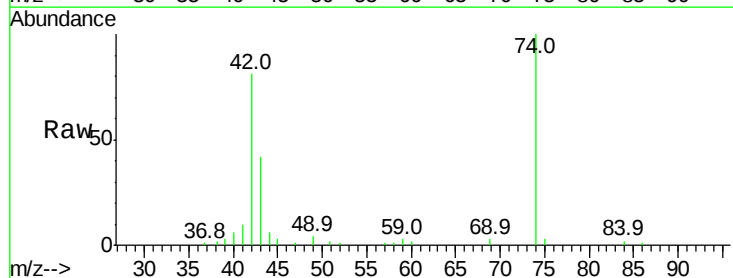
Tgt Ion: 42 Resp: 61837

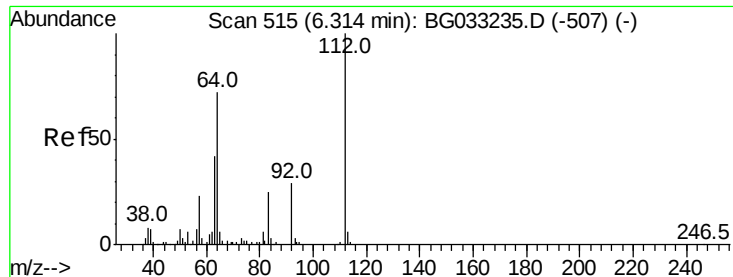
Ion Ratio Lower Upper

42 100

74 123.2 102.5 153.7

44 7.4 18.9 28.3#





#5

2-Fluorophenol

Concen: 142.606 ng

RT: 6.31 min Scan# 515

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

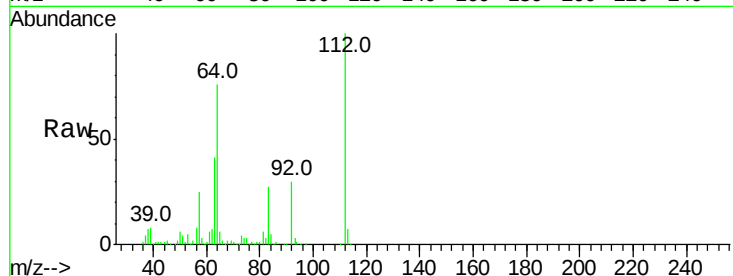
Tot Ion:112 Resp: 323464

Ion Ratio Lower Upper

112 100

64 76.0 56.3 84.5

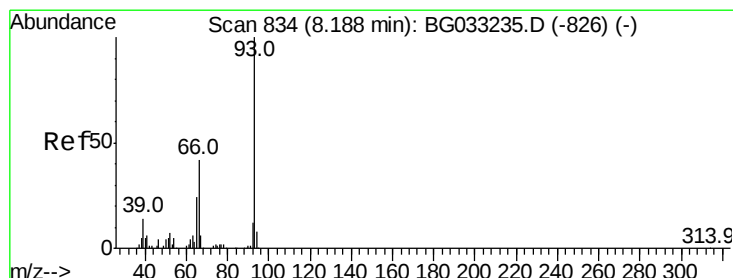
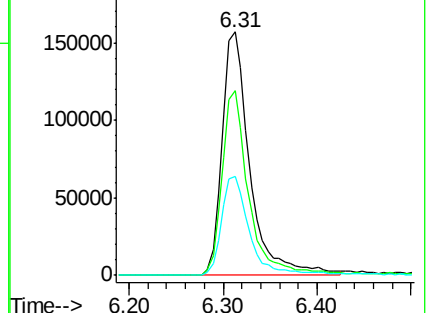
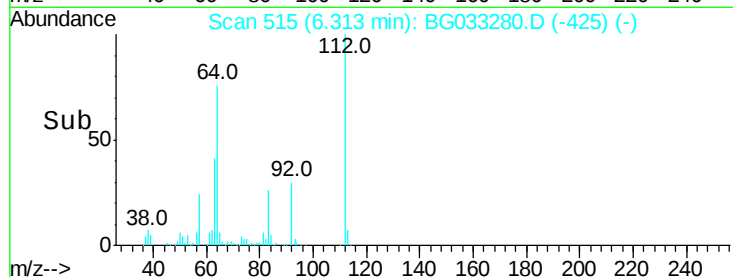
63 40.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 10.580 ng

RT: 8.19 min Scan# 835

Delta R.T. 0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

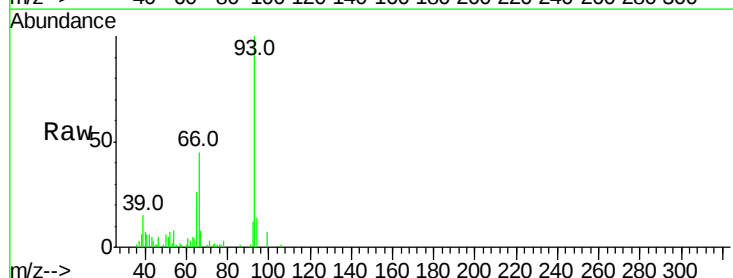
Tgt Ion: 93 Resp: 48490

Ion Ratio Lower Upper

93 100

66 45.3 33.7 50.5

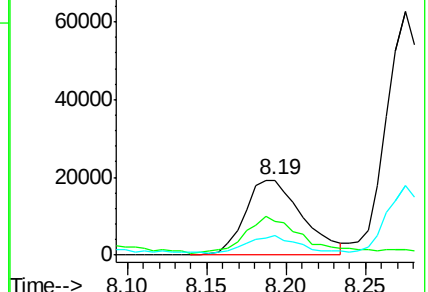
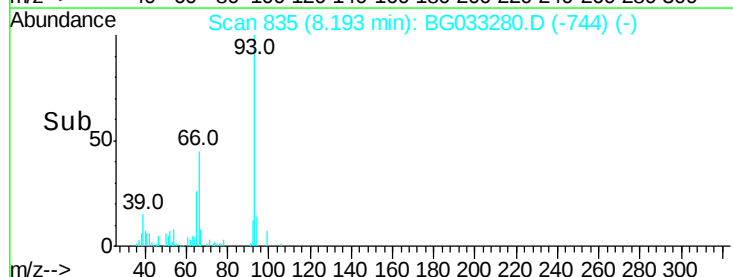
65 25.8 16.1 24.1#

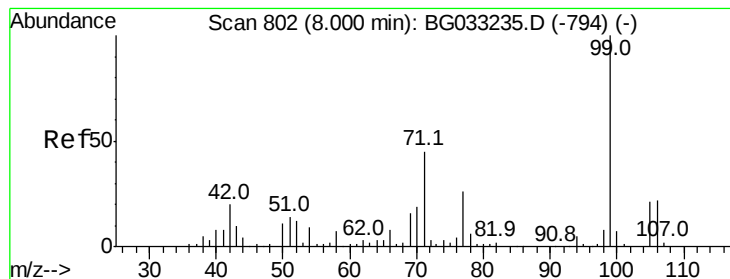


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.636 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampled :

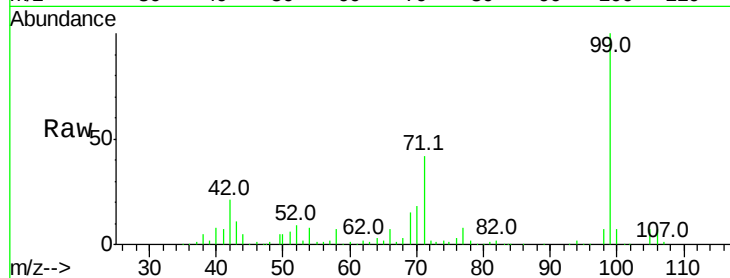
Tot Ion: 99 Resp: 458462

Ion Ratio Lower Upper

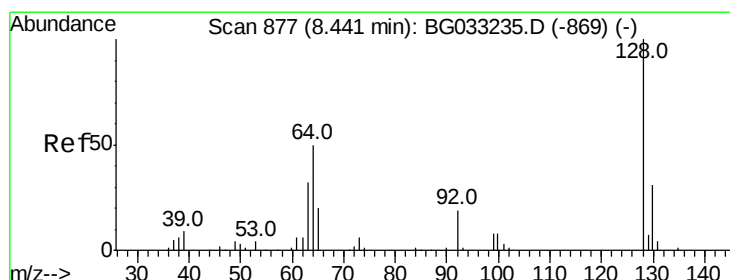
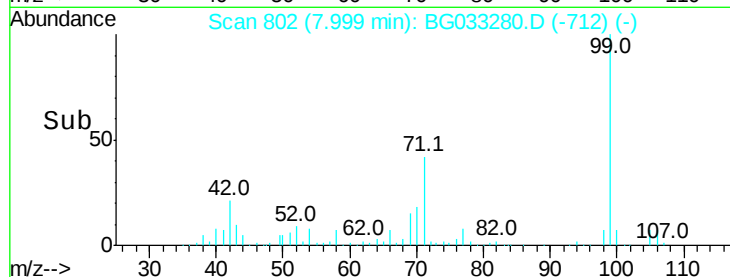
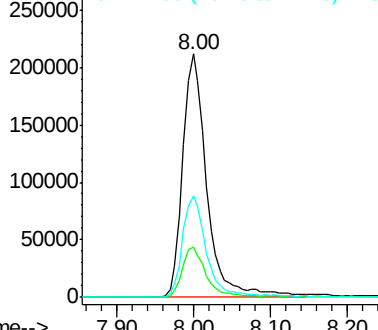
99 100

42 20.8 14.1 21.1

71 41.6 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 49.716 ng

RT: 8.44 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

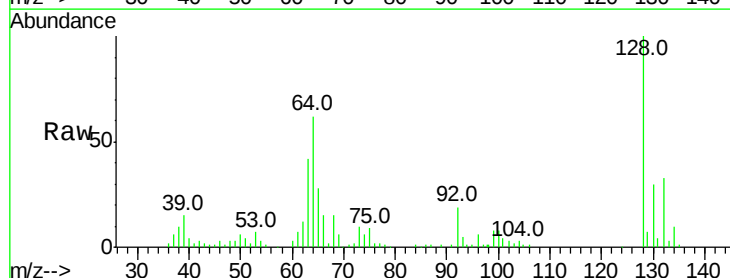
Tgt Ion: 128 Resp: 128916

Ion Ratio Lower Upper

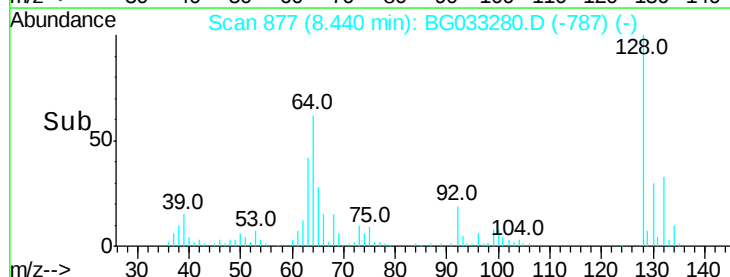
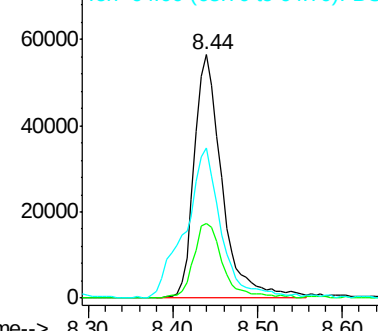
128 100

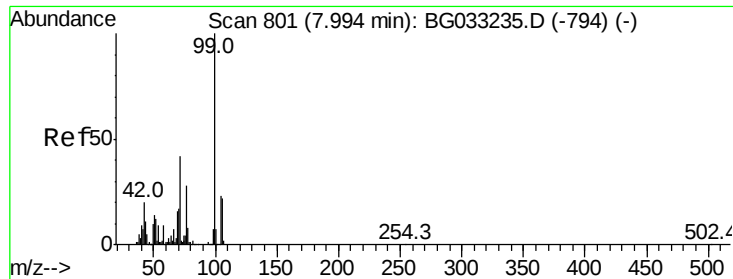
130 30.5 14.0 54.0

64 61.5 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: 20.144 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampled :

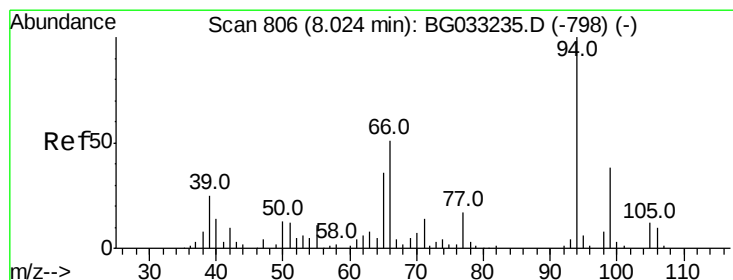
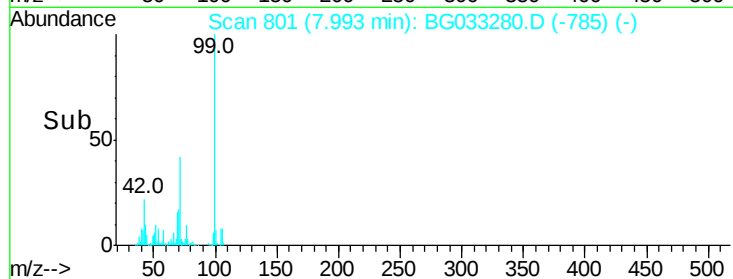
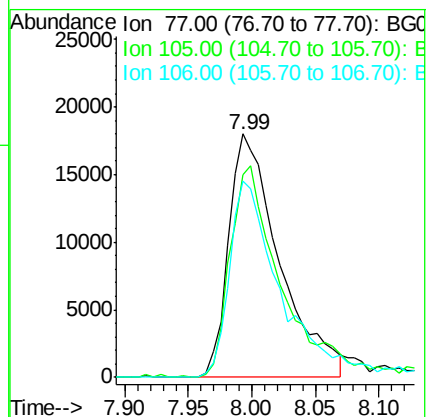
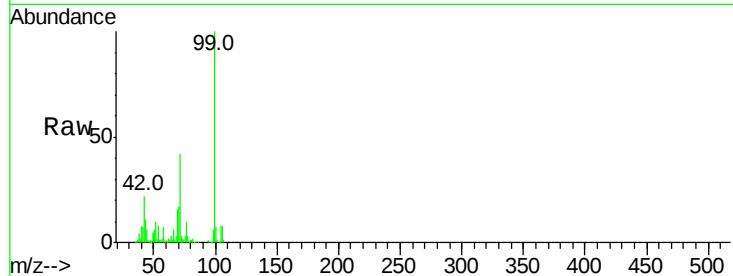
Tot Ion: 77 Resp: 49891

Ion Ratio Lower Upper

77 100

105 83.1 71.3 111.3

106 80.6 64.2 104.2



#10

Phenol

Concen: 41.107 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

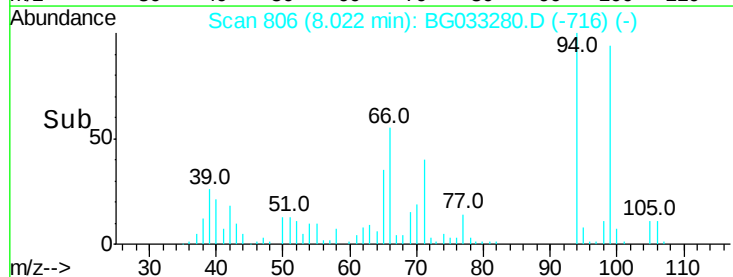
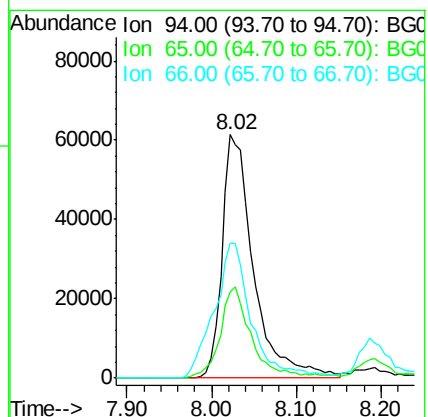
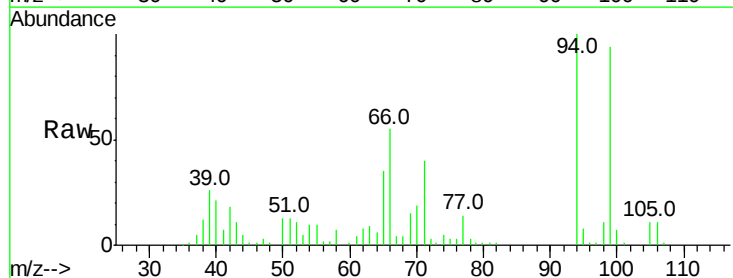
Tgt Ion: 94 Resp: 158172

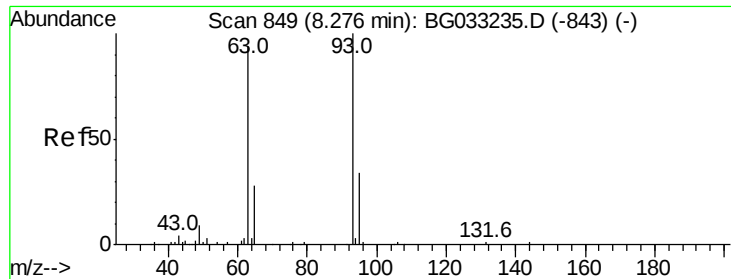
Ion Ratio Lower Upper

94 100

65 35.1 11.9 51.9

66 55.3 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 43.662 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

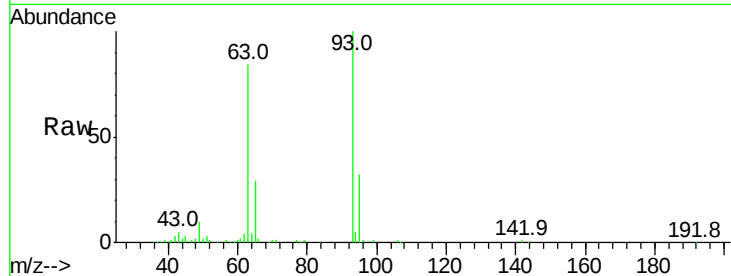
Tot Ion: 93 Resp: 137130

Ion Ratio Lower Upper

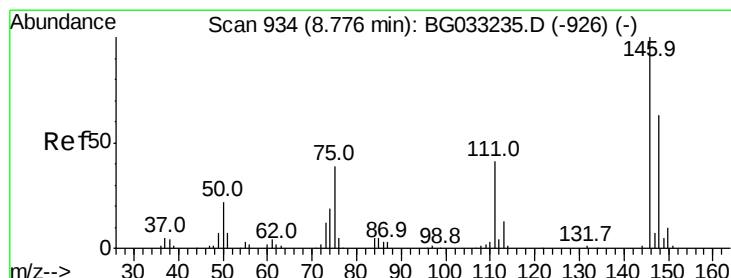
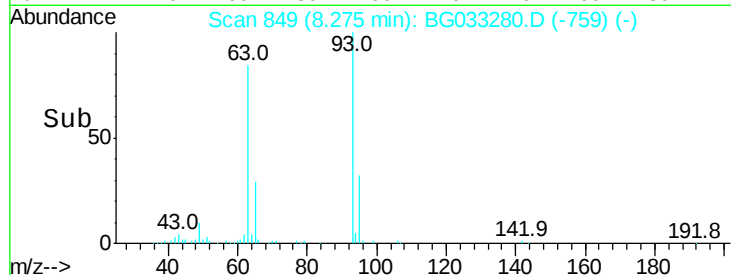
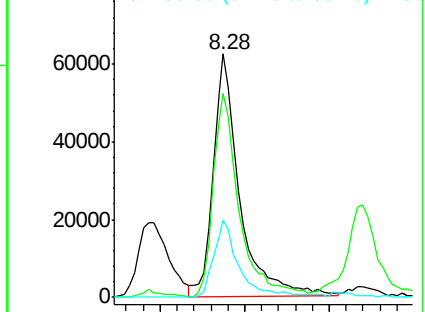
93 100

63 83.6 67.1 107.1

95 31.6 11.5 51.5



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



#12

1,3-Dichlorobenzene

Concen: 40.126 ng

RT: 8.93 min Scan# 960

Delta R.T. 0.15 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

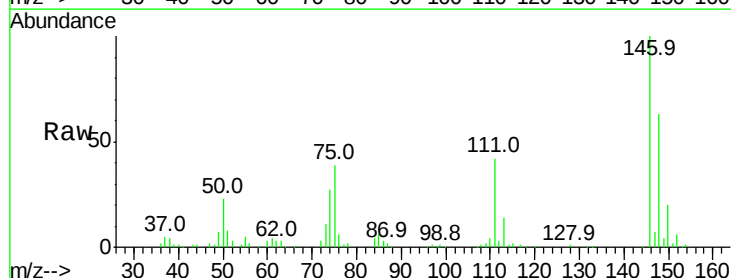
Tgt Ion: 146 Resp: 136032

Ion Ratio Lower Upper

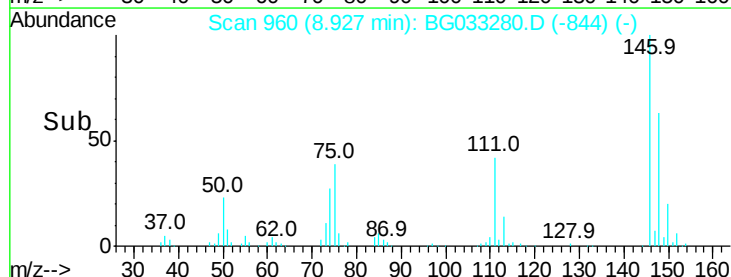
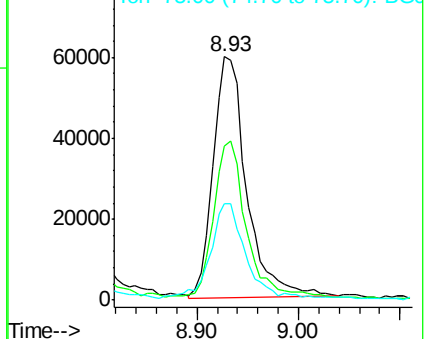
146 100

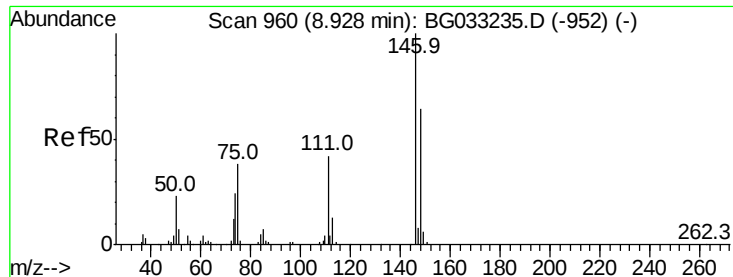
148 63.1 51.4 77.2

75 39.4 26.6 39.8



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





#13

1,4-Dichlorobenzene

Concen: 40.066 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

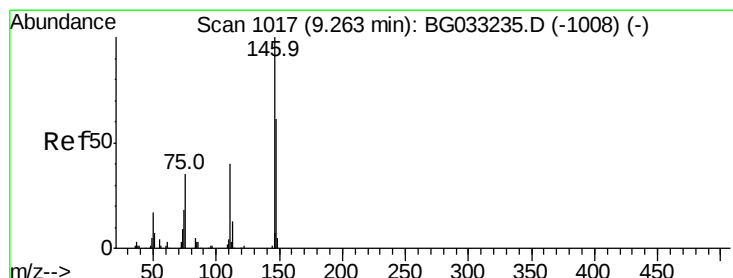
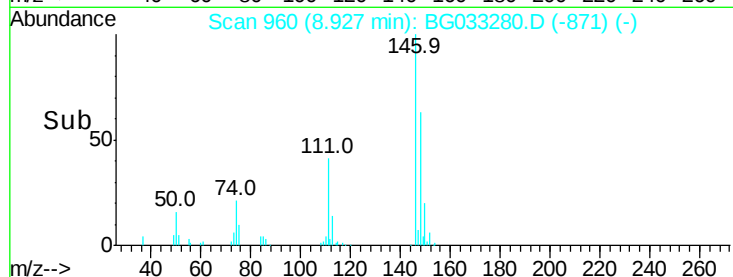
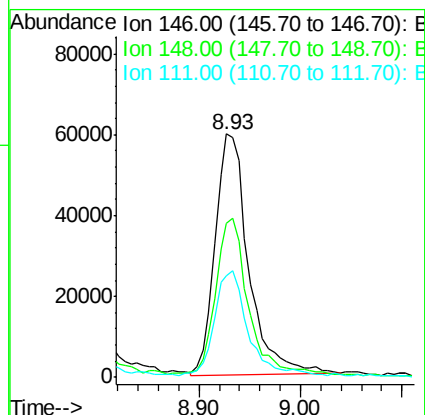
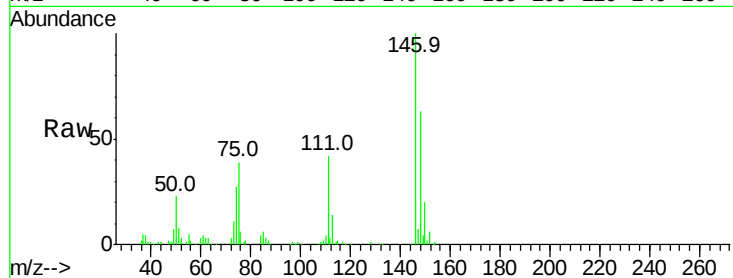
Tot Ion:146 Resp: 136032

Ion Ratio Lower Upper

146 100

148 63.1 53.7 80.5

111 41.6 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 39.947 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

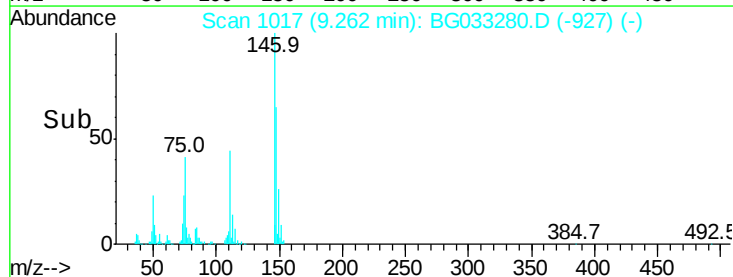
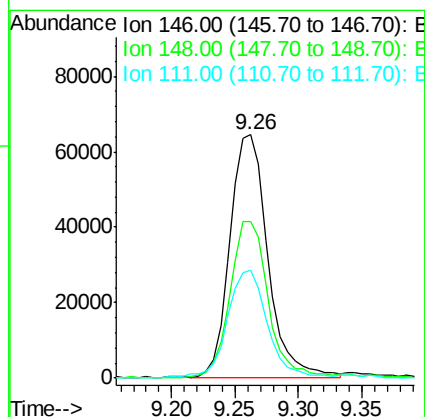
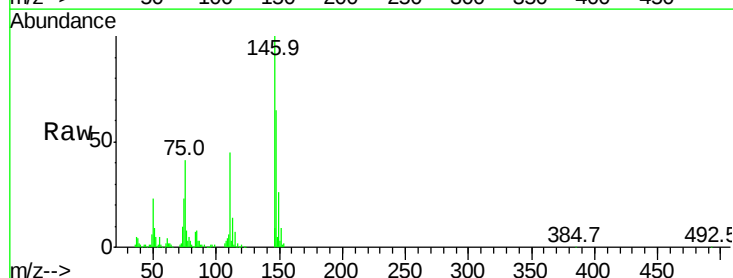
Tgt Ion:146 Resp: 132374

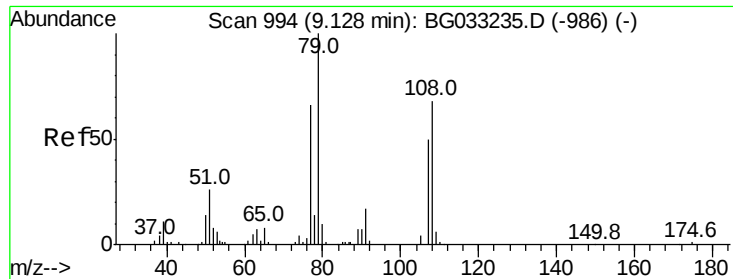
Ion Ratio Lower Upper

146 100

148 64.6 49.3 73.9

111 44.6 34.3 51.5

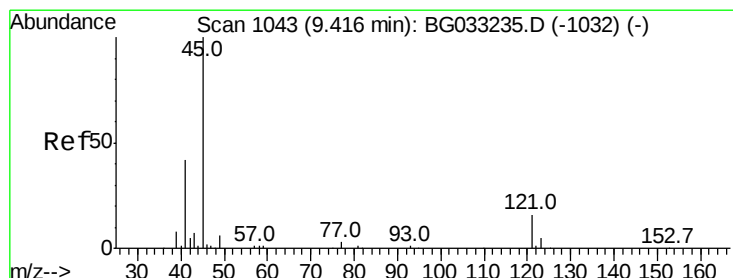
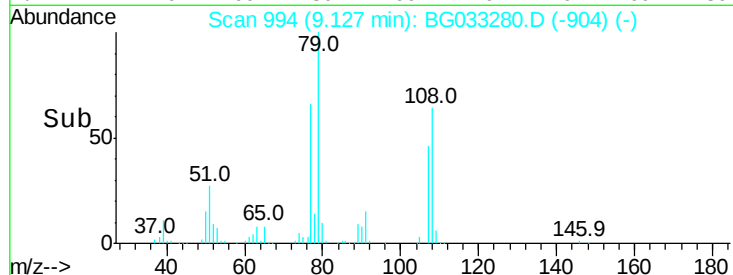
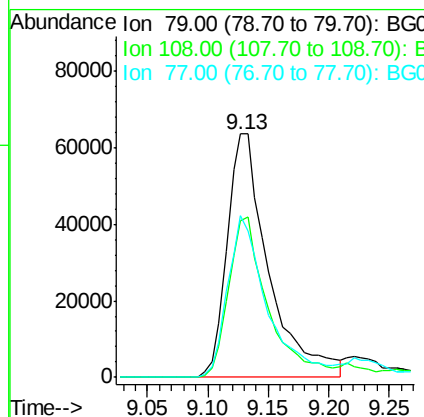
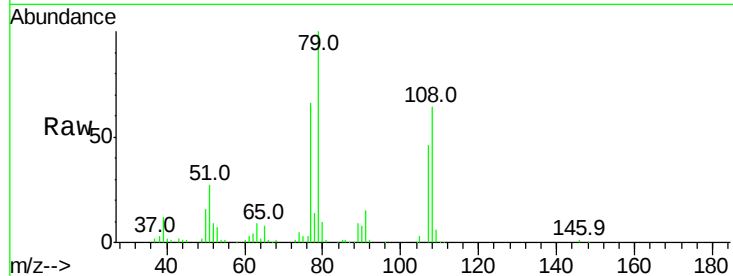




#15
Benzyl Alcohol
Concen: 49.473 ng
RT: 9.13 min Scan# 994
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

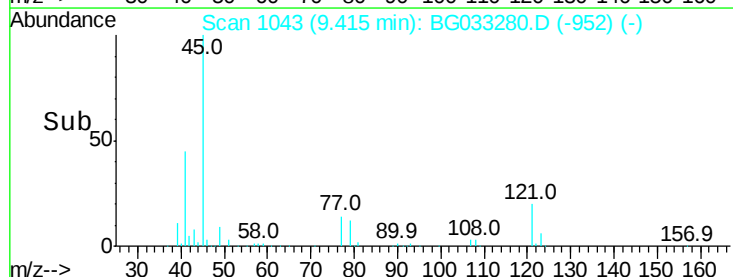
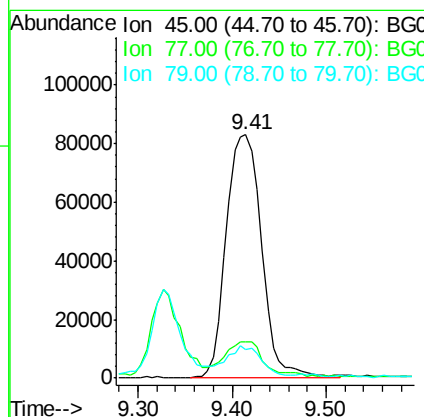
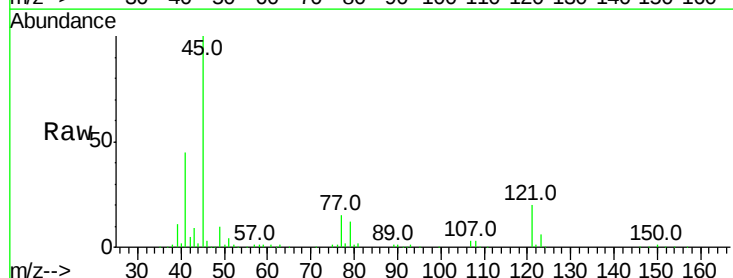
Instrument :
BNA_G
ClientSampleId :

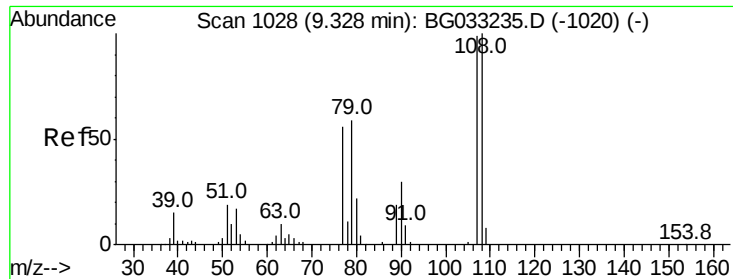
Tot Ion: 79 Resp: 151806
Ion Ratio Lower Upper
79 100
108 64.1 57.2 85.8
77 66.4 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.364 ng
RT: 9.41 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion: 45 Resp: 216907
Ion Ratio Lower Upper
45 100
77 14.8 0.0 30.2
79 11.9 0.0 27.9

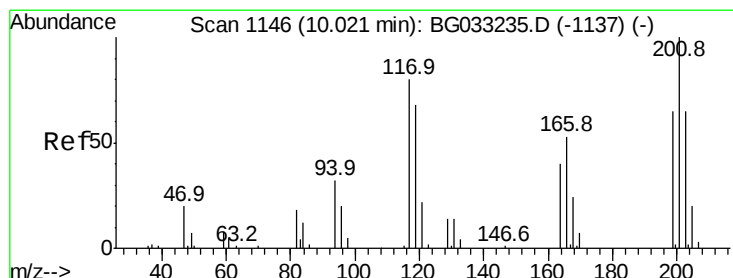
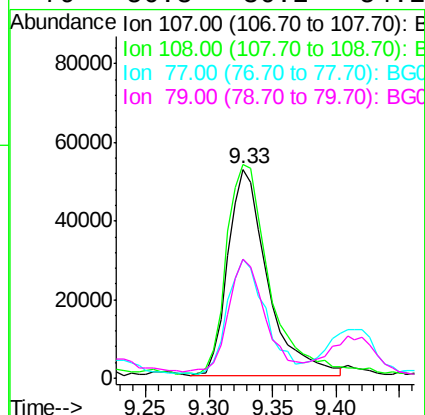
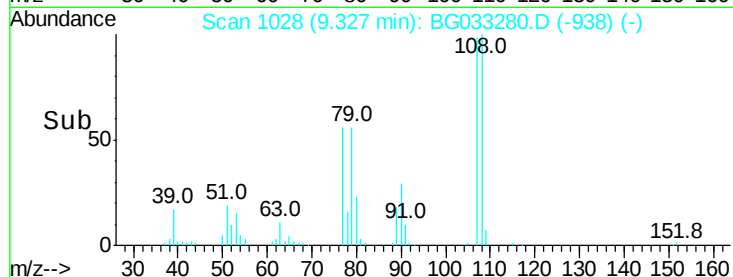
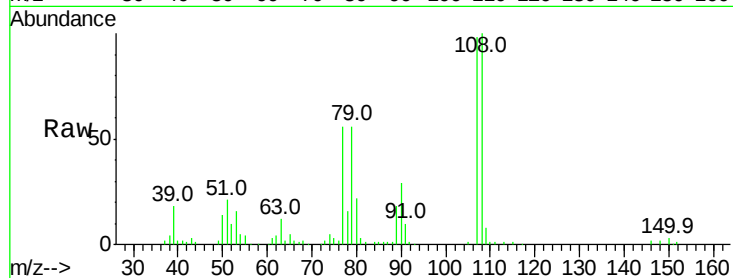




#17
2-Methylphenol
Concen: 43.545 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

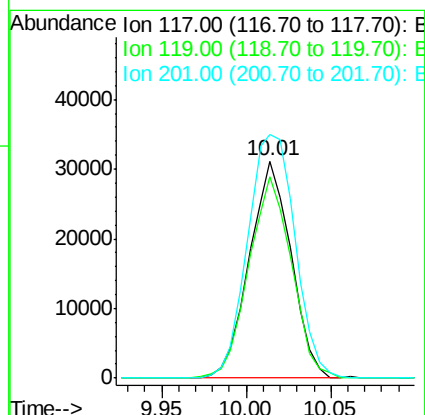
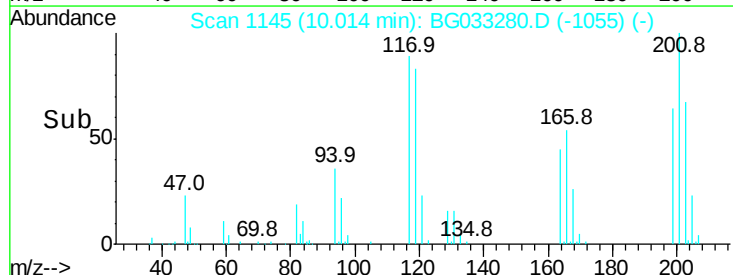
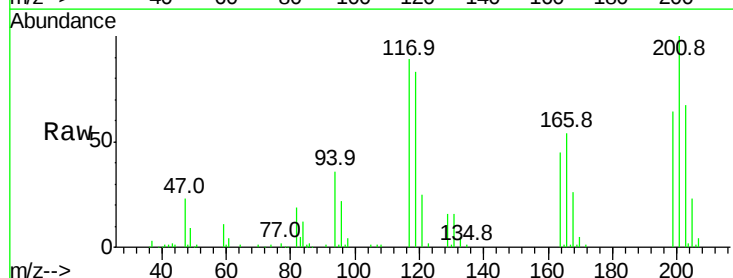
Instrument :
BNA_G
ClientSampleId :

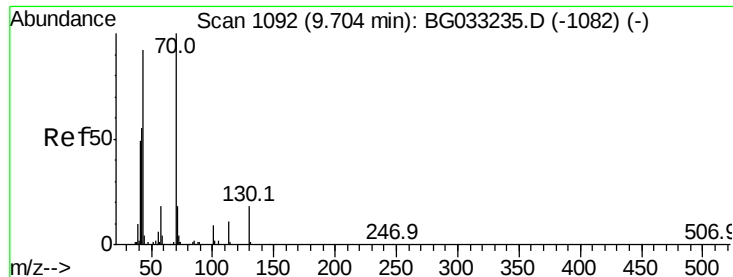
Tot Ion:107 Resp: 114142
Ion Ratio Lower Upper
107 100
108 102.2 83.9 125.9
77 57.2 37.2 55.8#
79 56.8 36.2 54.2#



#18
Hexachloroethane
Concen: 40.754 ng
RT: 10.01 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion:117 Resp: 53404
Ion Ratio Lower Upper
117 100
119 92.6 76.7 115.1
201 112.2 95.7 143.5

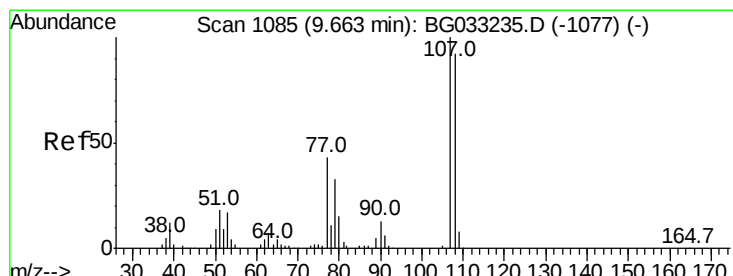
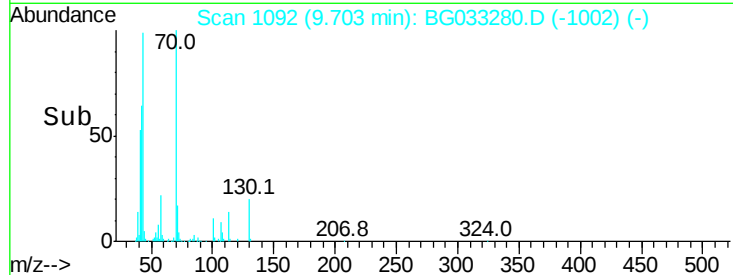
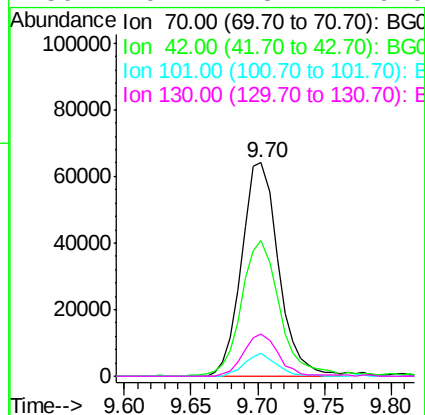
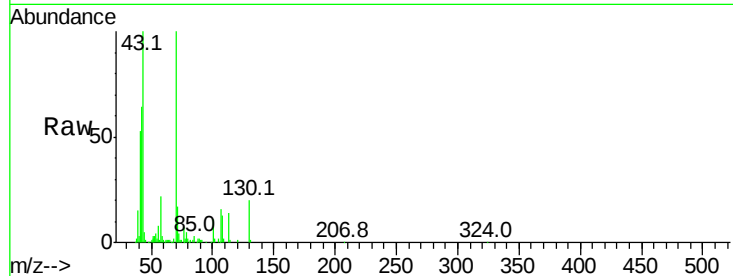




#19
n-Nitroso-di-n-propylamine
Concen: 43.074 ng
RT: 9.70 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

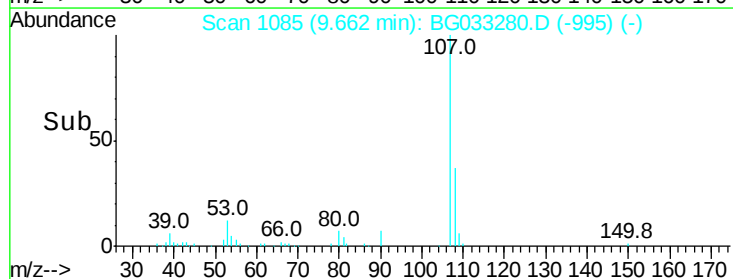
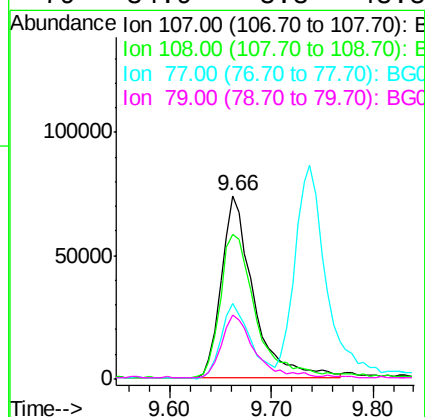
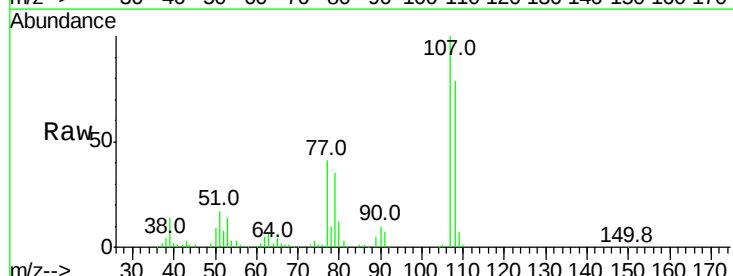
Instrument :
BNA_G
ClientSampleId :

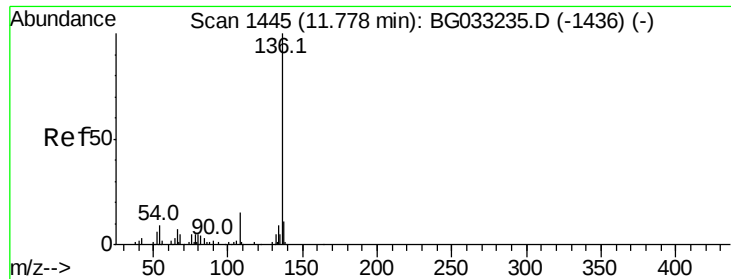
Tot Ion:	70	Resp:	123011
Ion	Ratio	Lower	Upper
70	100		
42	63.8	49.1	73.7
101	11.0	8.5	12.7
130	19.7	13.4	20.0



#20
3+4-Methylphenols
Concen: 43.582 ng
RT: 9.66 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion:	107	Resp:	162653
Ion	Ratio	Lower	Upper
107	100		
108	78.7	61.6	101.6
77	41.5	13.9	53.9
79	34.9	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 176614

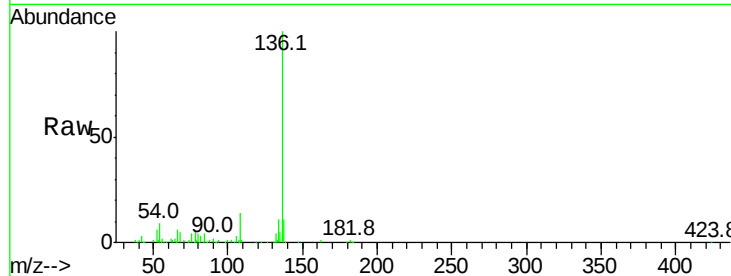
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 8.8 10.3 15.5#

68 5.2 4.5 6.7

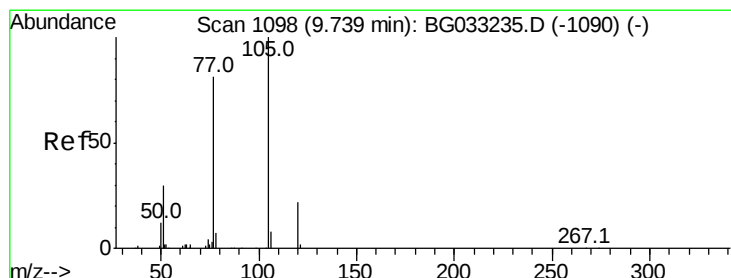
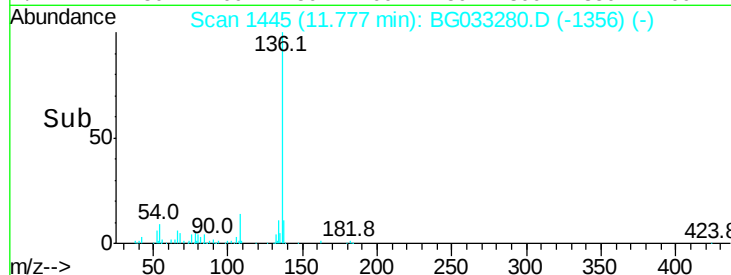
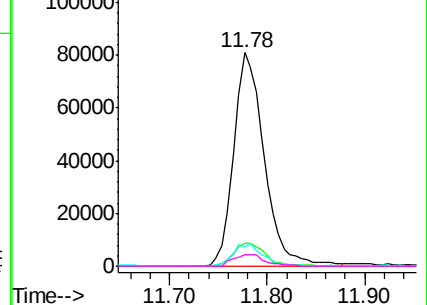


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 44.500 ng

RT: 9.74 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Tgt Ion:105 Resp: 215321

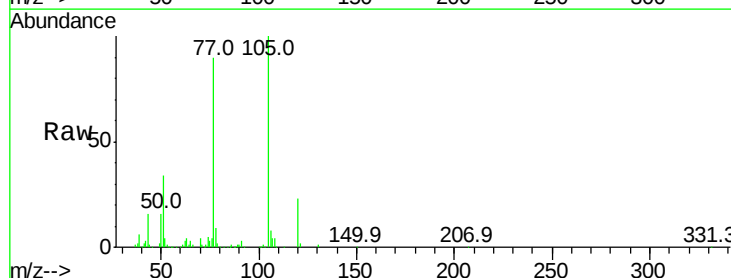
Ion Ratio Lower Upper

105 100

71 0.5 3.0 4.4#

51 34.3 26.1 39.1

120 22.8 17.4 26.2

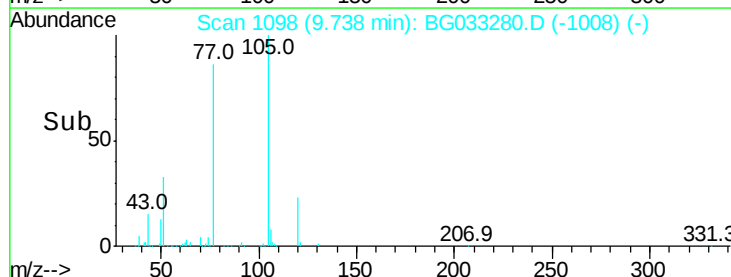
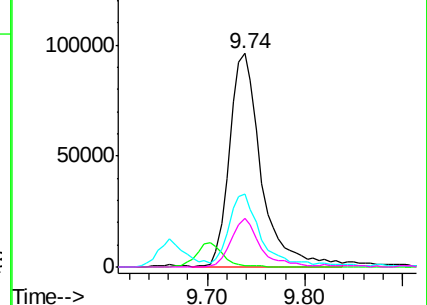


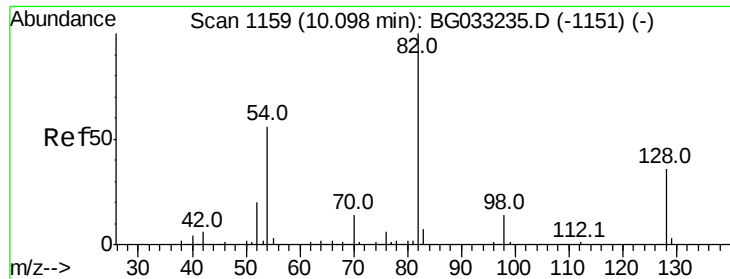
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 97.008 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

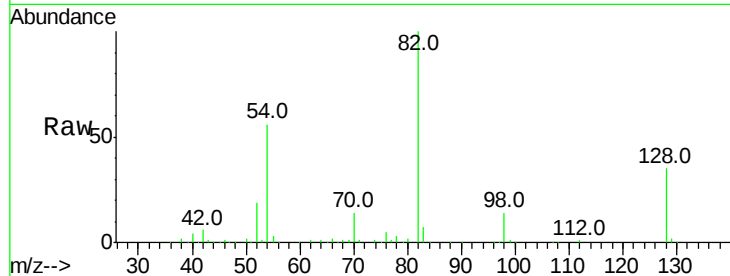
Tot Ion: 82 Resp: 372908

Ion Ratio Lower Upper

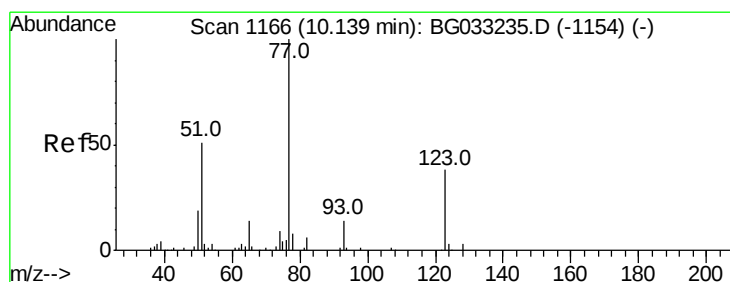
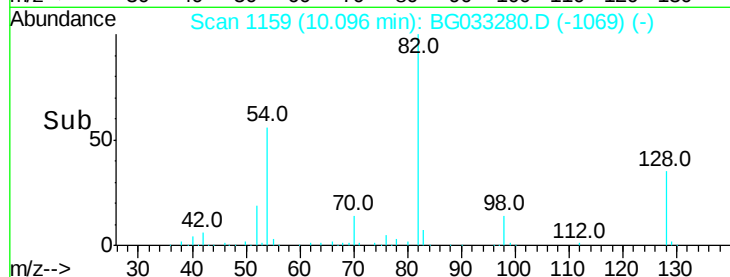
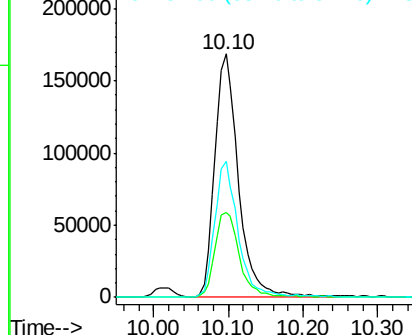
82 100

128 34.9 29.7 44.5

54 55.9 43.1 64.7



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



#24

Nitrobenzene

Concen: 45.868 ng

RT: 10.14 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

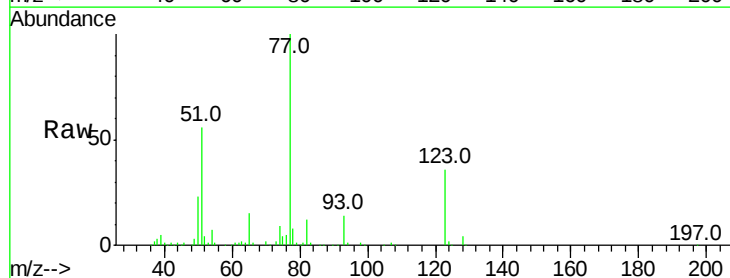
Tgt Ion: 77 Resp: 188728

Ion Ratio Lower Upper

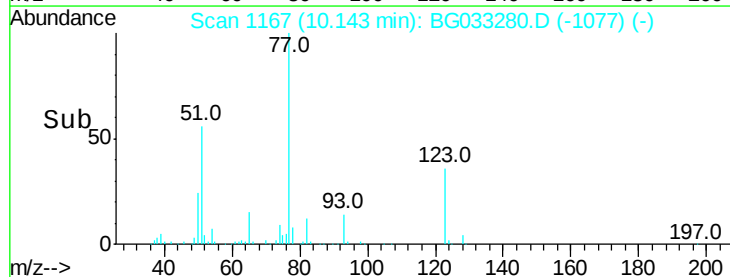
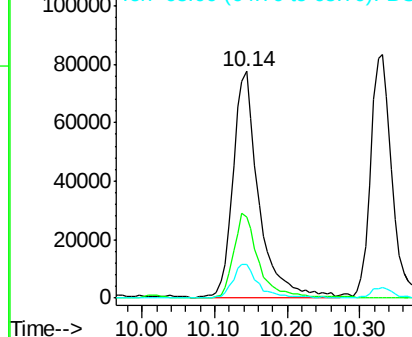
77 100

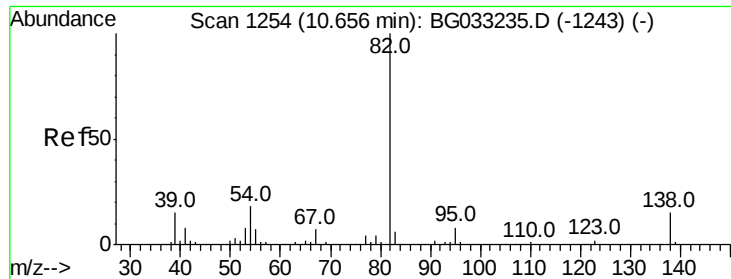
123 36.0 33.0 49.6

65 15.0 13.0 19.6



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

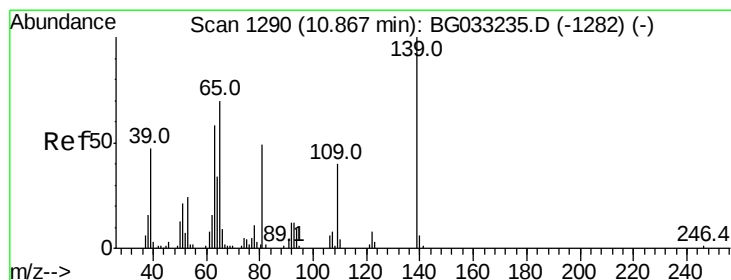
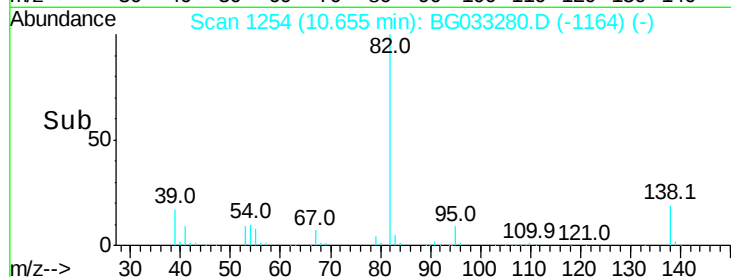
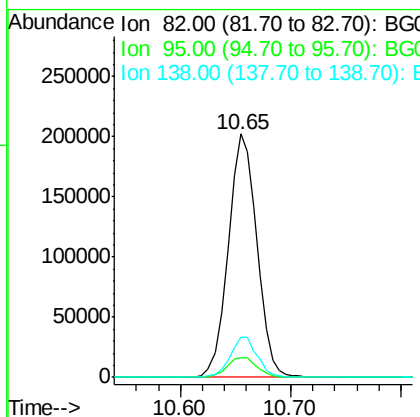
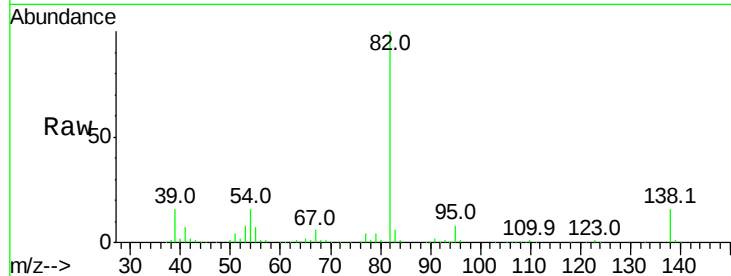




#25
Isophorone
Concen: 49.289 ng
RT: 10.65 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

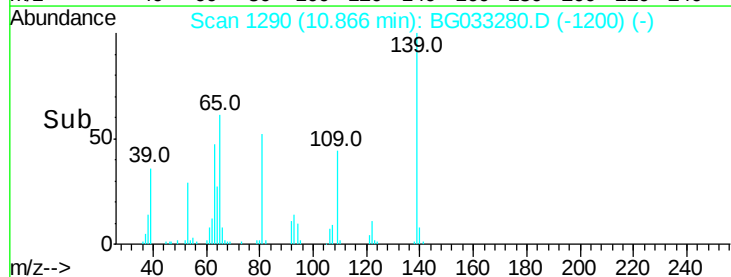
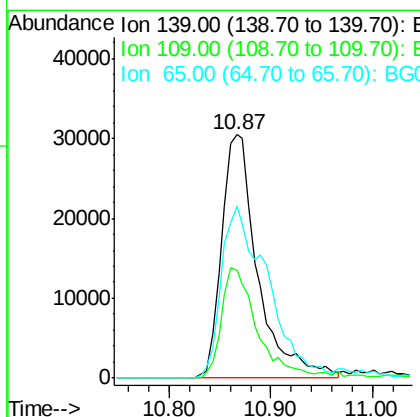
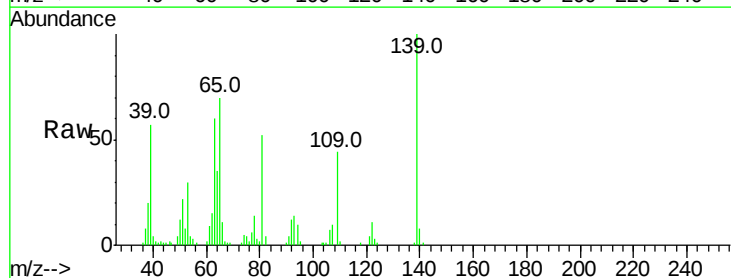
Instrument :
BNA_G
ClientSampled :

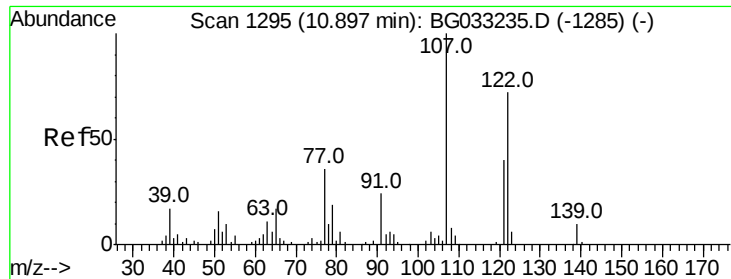
Tot Ion	82	Resp	367735
Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.2	9.2
138	16.2	12.1	18.1



#26
2-Nitrophenol
Concen: 48.347 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	139	Resp	75314
Ion	Ratio	Lower	Upper
139	100		
109	44.1	24.2	36.2
65	70.5	47.4	71.0

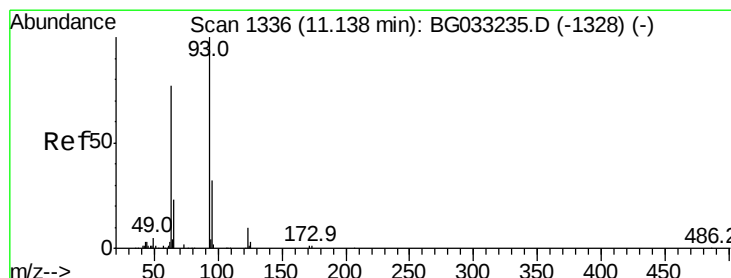
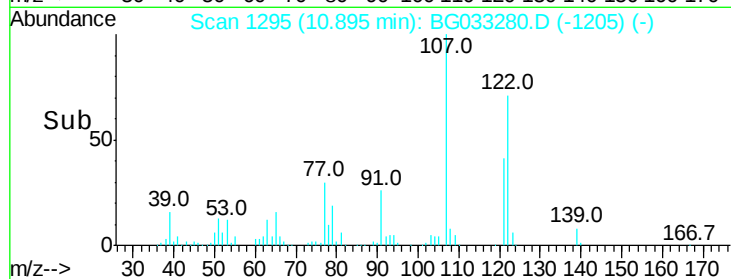
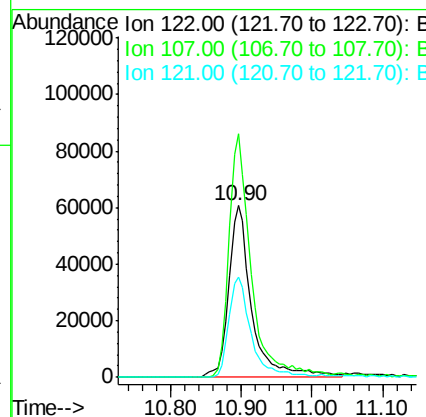
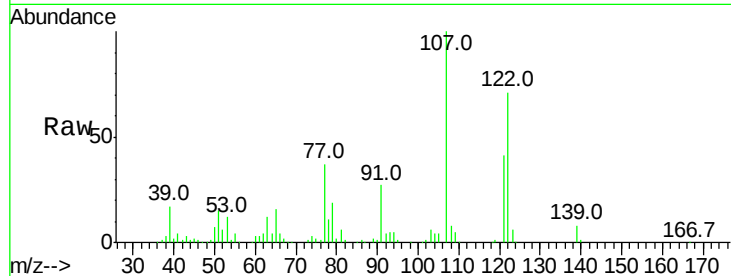




#27
 2,4-Dimethylphenol
 Concen: 60.942 ng
 RT: 10.90 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

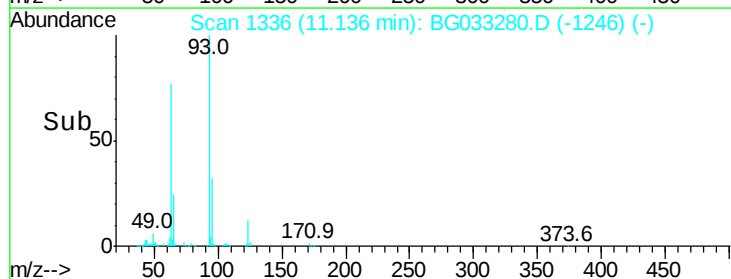
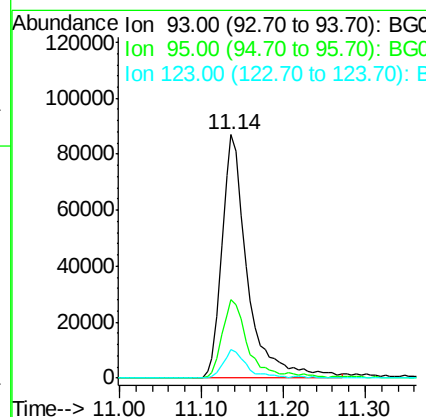
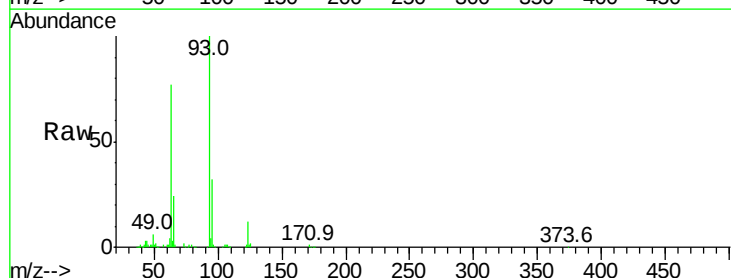
Instrument :
 BNA_G
 ClientSampleId :

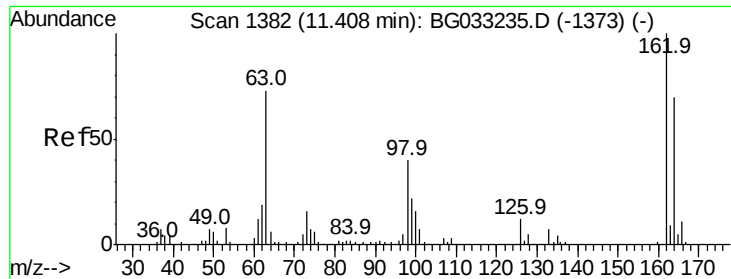
Tot Ion	Ratio	Lower	Upper
122	100		
107	141.8	100.2	150.2
121	58.3	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.031 ng
 RT: 11.14 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	24.3	36.5
123	11.5	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 53.469 ng

RT: 11.41 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

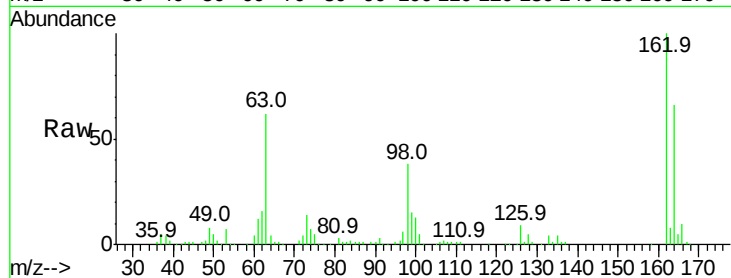
Tot Ion:162 Resp: 148806

Ion Ratio Lower Upper

162 100

164 66.2 48.0 88.0

98 37.7 21.1 61.1

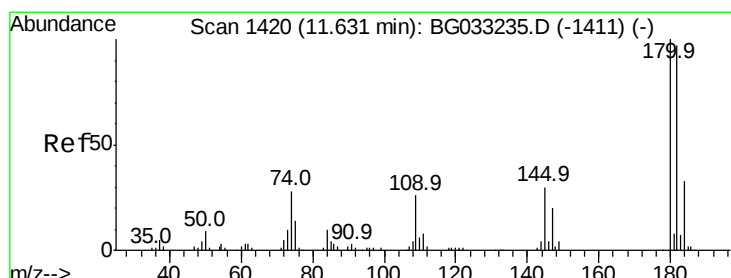
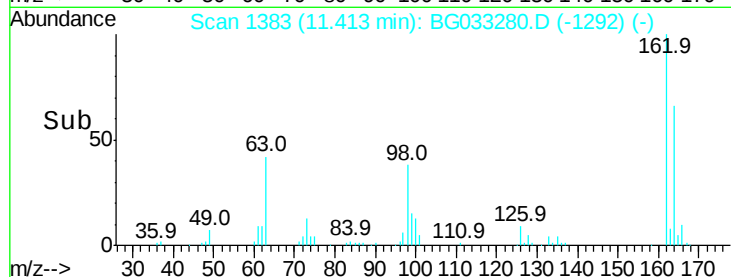


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 43.989 ng

RT: 11.63 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

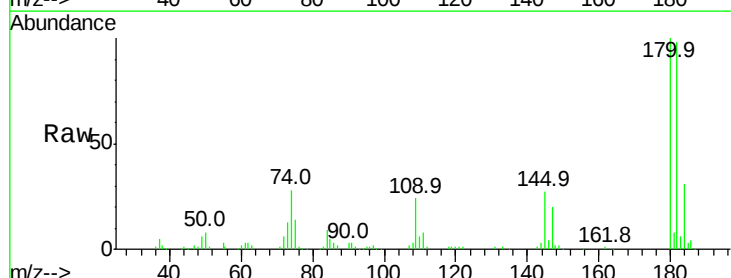
Tgt Ion:180 Resp: 159056

Ion Ratio Lower Upper

180 100

182 98.1 77.5 116.3

145 27.5 23.4 35.2

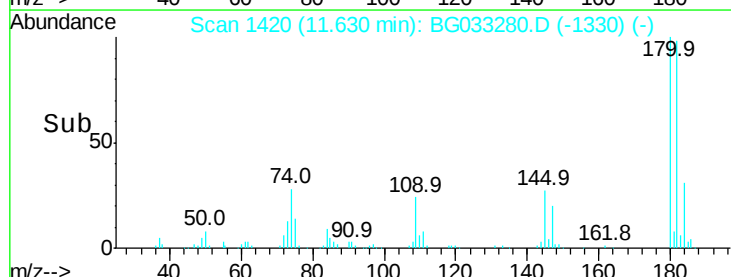


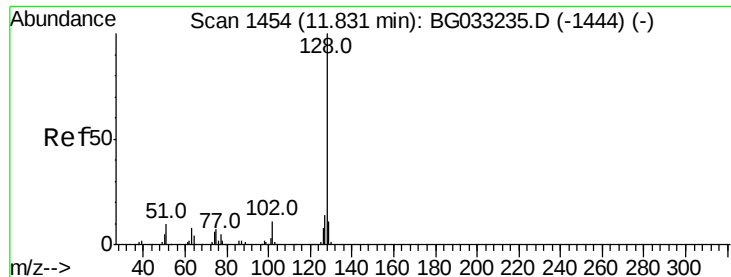
Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->





#31

Naphthalene

Concen: 48.849 ng

RT: 11.83 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

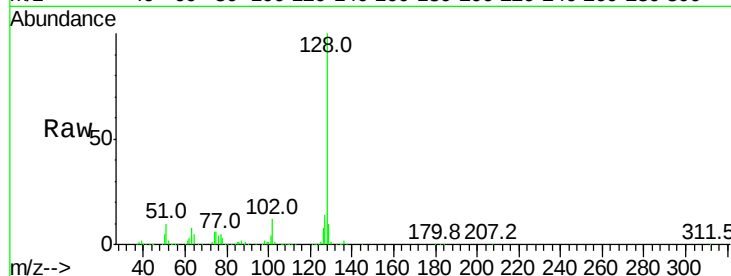
Instrument :

BNA_G

ClientSampleId :

Tot Ion:128 Resp: 447076

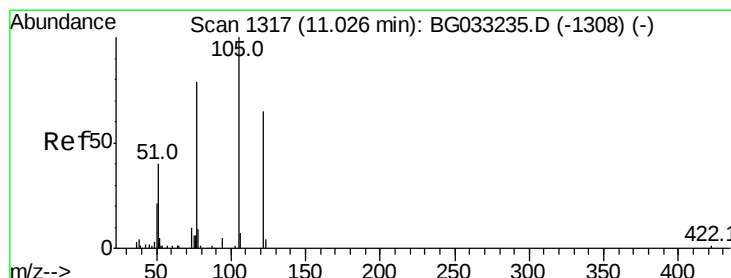
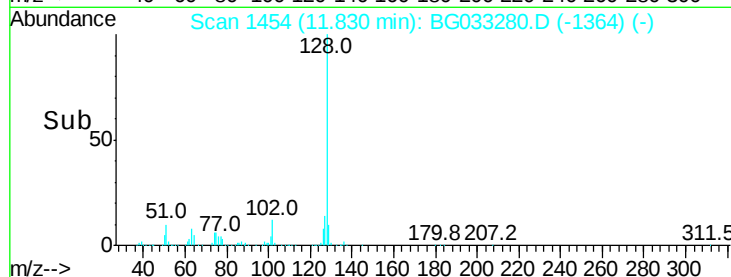
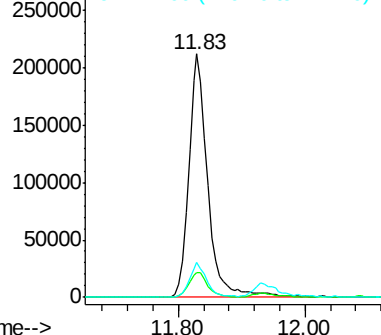
Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.6	12.8
127	14.3	11.6	17.4



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: 65.557 ng

RT: 10.90 min Scan# 1295

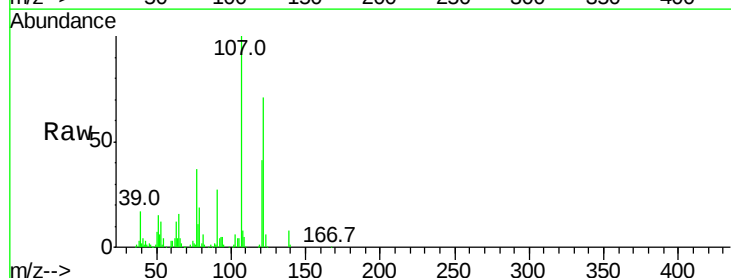
Delta R.T. -0.14 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Tgt Ion:122 Resp: 137911

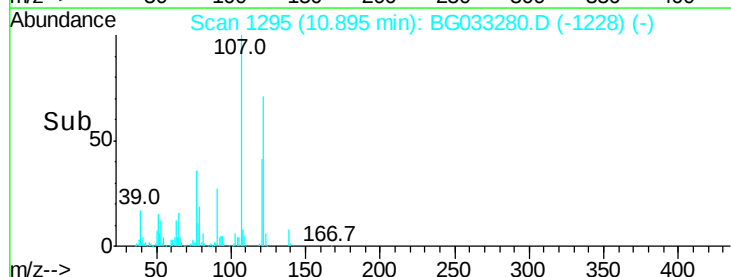
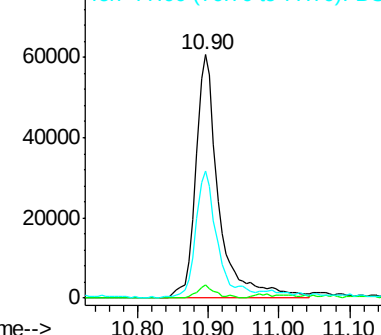
Ion	Ratio	Lower	Upper
122	100		
105	5.2	123.5	163.5#
77	52.2	85.7	125.7#

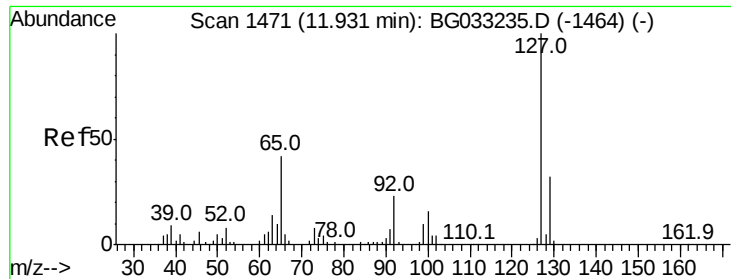


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

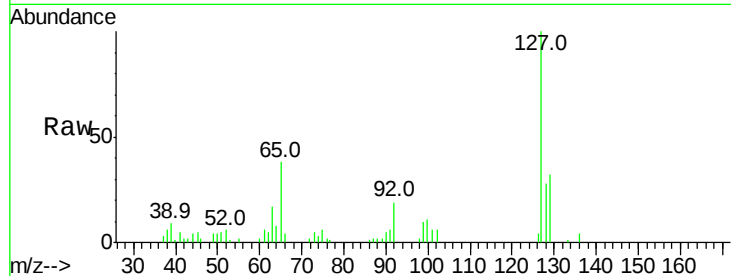




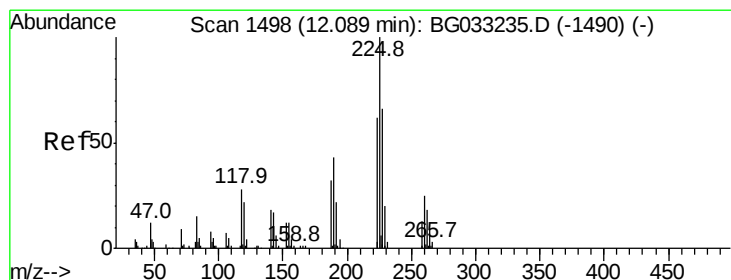
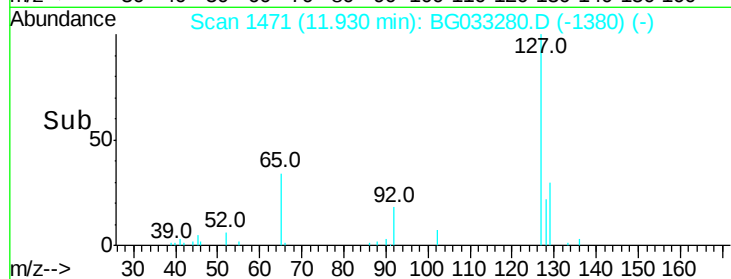
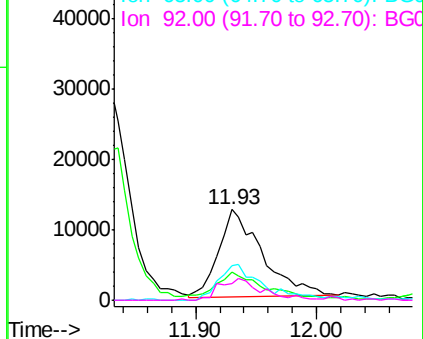
#33
4-Chloroaniline
Concen: 7.710 ng
RT: 11.93 min Scan# 1471
Delta R.T. 0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	31612
Ion	Ratio	Lower	Upper
127	100		
129	31.6	24.0	36.0
65	38.3	27.0	40.4
92	19.0	16.6	25.0

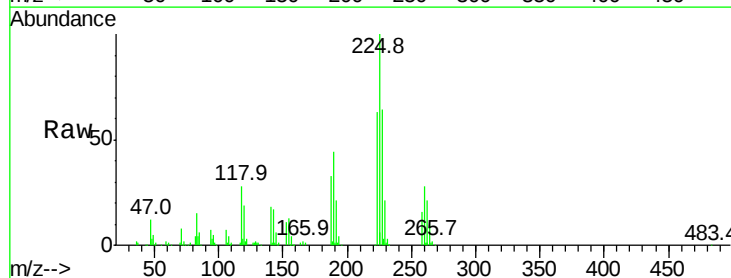


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

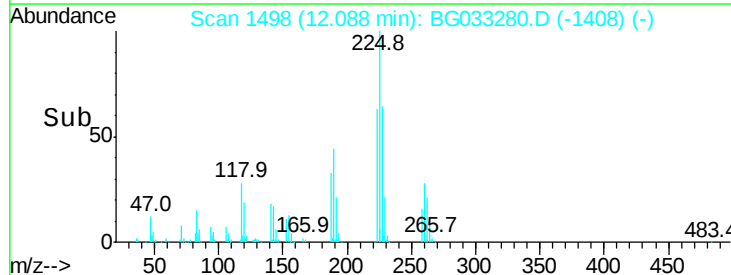
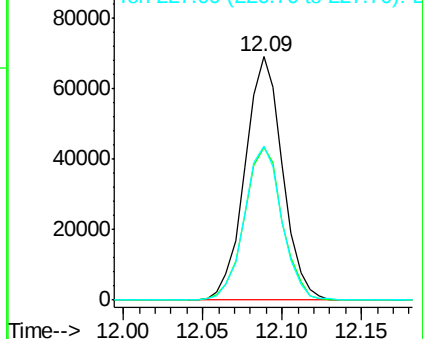


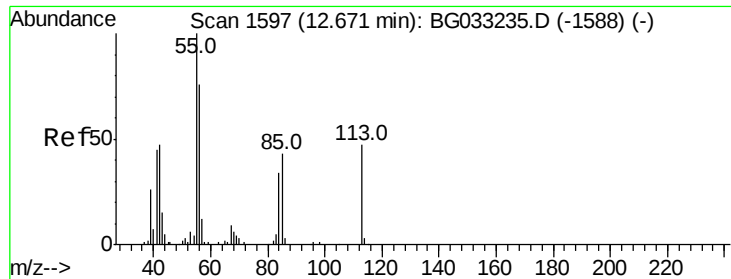
#34
Hexachlorobutadiene
Concen: 41.424 ng
RT: 12.09 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion:	225	Resp:	113268
Ion	Ratio	Lower	Upper
225	100		
223	59.1	49.7	74.5
227	59.9	48.1	72.1



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





#35

Caprolactam

Concen: 32.050 ng

RT: 12.67 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

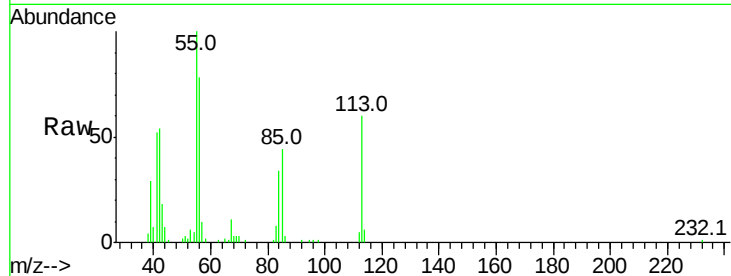
Tot Ion:113 Resp: 34944

Ion Ratio Lower Upper

113 100

55 167.5 186.9 226.9#

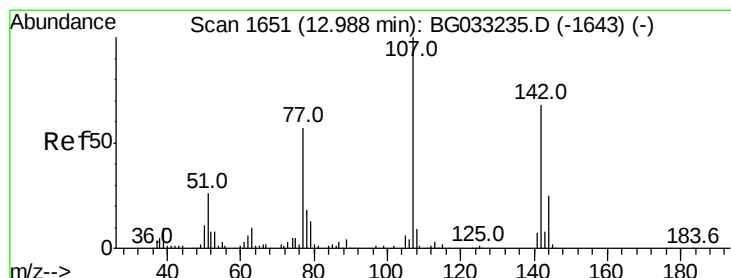
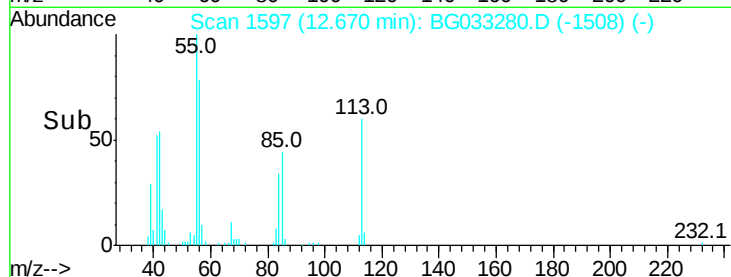
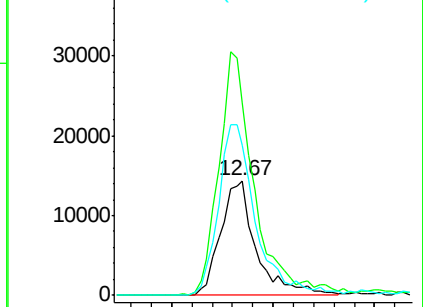
56 130.4 130.9 170.9#



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: 51.262 ng

RT: 12.99 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

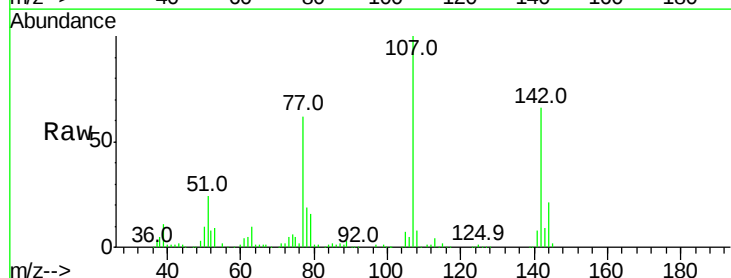
Tgt Ion:107 Resp: 186070

Ion Ratio Lower Upper

107 100

144 20.6 18.2 27.4

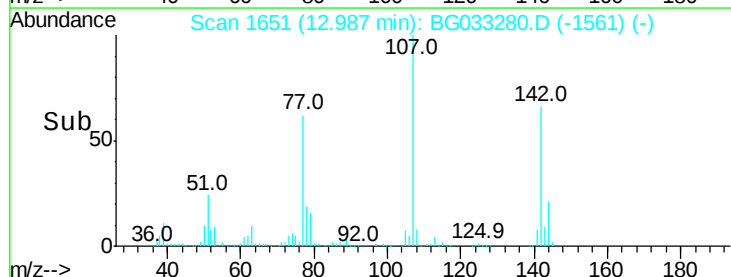
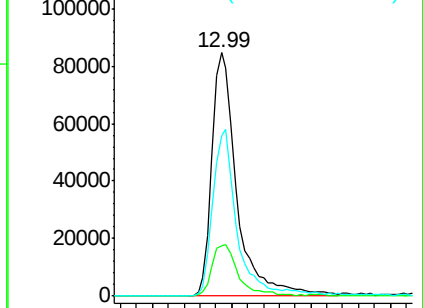
142 65.8 59.0 88.4

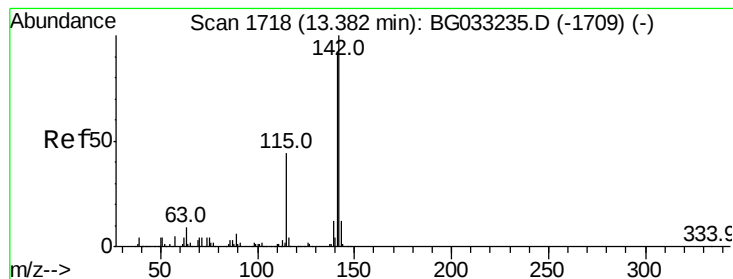


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.251 ng

RT: 13.38 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

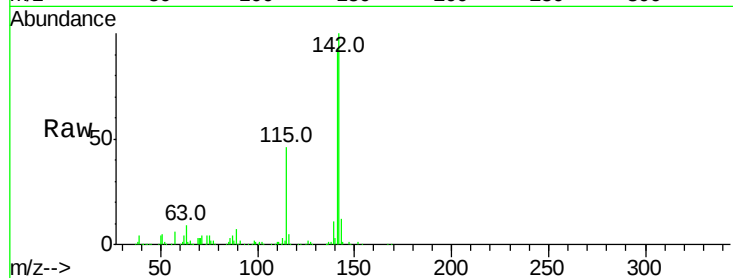
Tot Ion:142 Resp: 328552

Ion Ratio Lower Upper

142 100

141 92.7 67.1 100.7

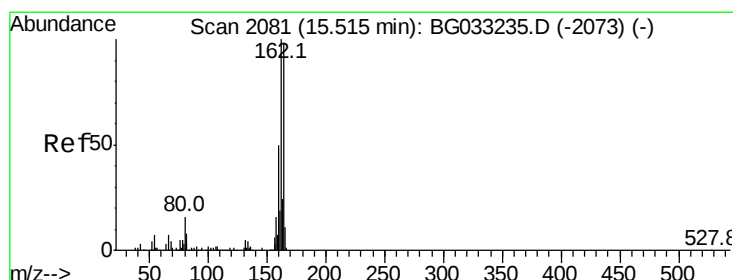
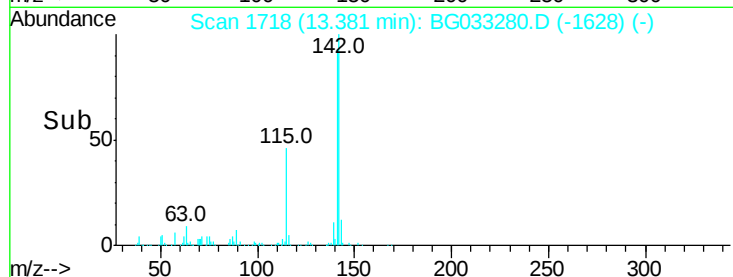
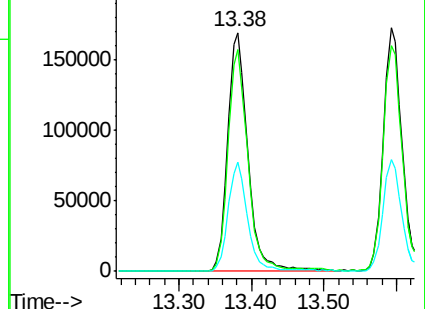
115 45.8 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

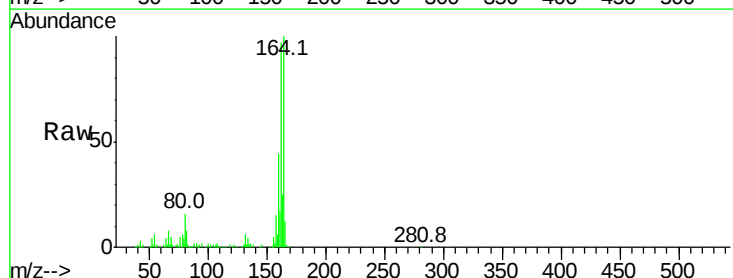
Tgt Ion:164 Resp: 137129

Ion Ratio Lower Upper

164 100

162 96.8 78.8 118.2

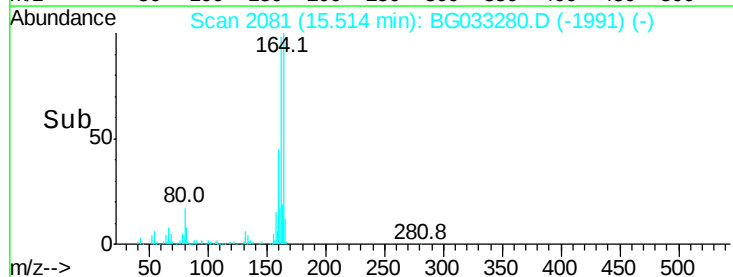
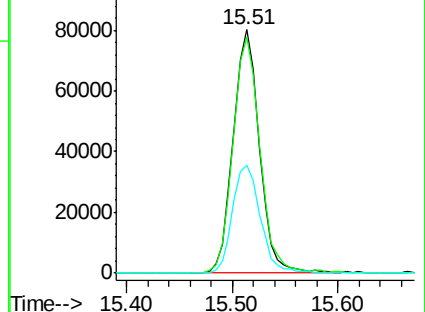
160 44.3 35.4 53.0

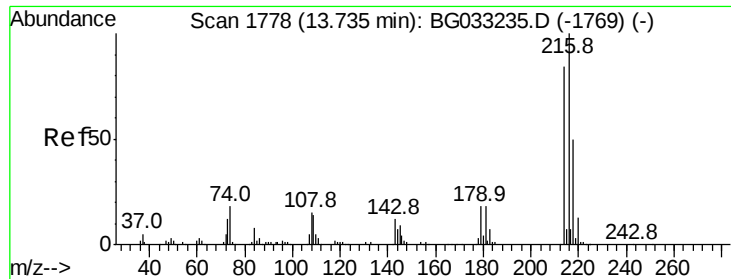


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.831 ng

RT: 13.73 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 212751

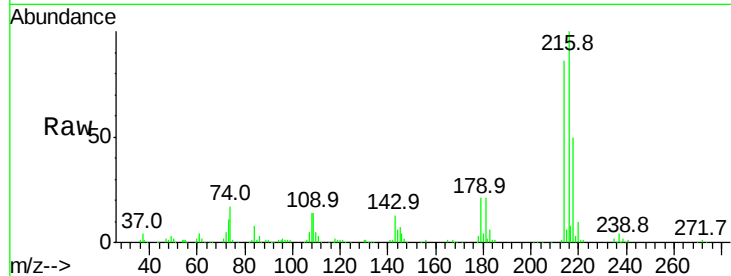
Ion Ratio Lower Upper

216 100

214 80.5 63.0 94.4

179 19.7 17.0 25.6

108 17.0 12.8 19.2

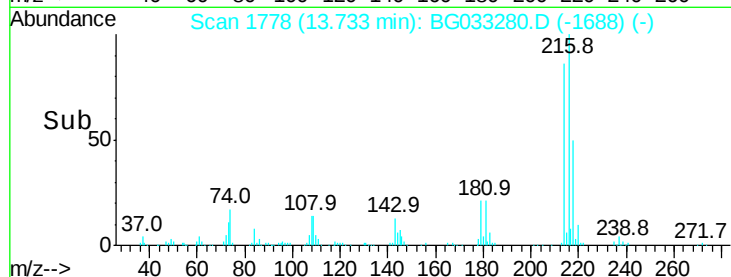


Abundance Ion 216.00 (215.70 to 216.70): E

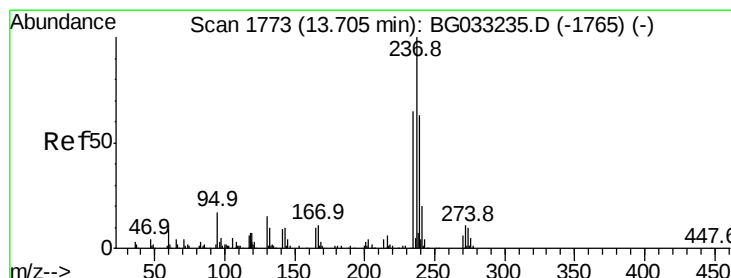
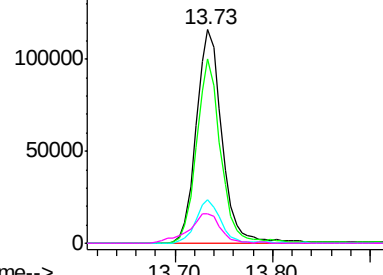
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 82.776 ng

RT: 13.70 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

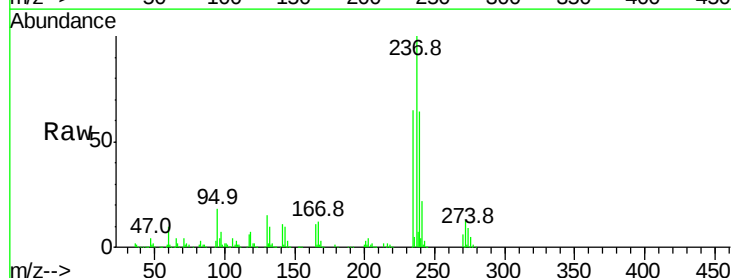
Tgt Ion:237 Resp: 241033

Ion Ratio Lower Upper

237 100

235 64.9 50.4 90.4

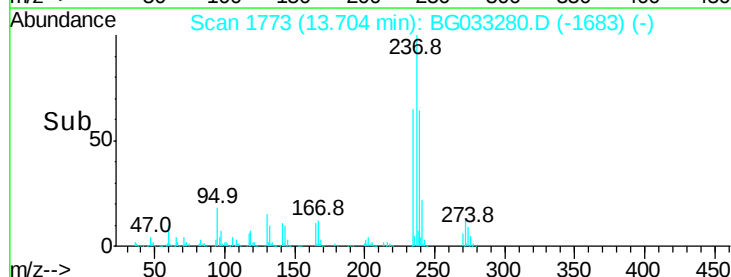
272 12.6 0.0 31.8



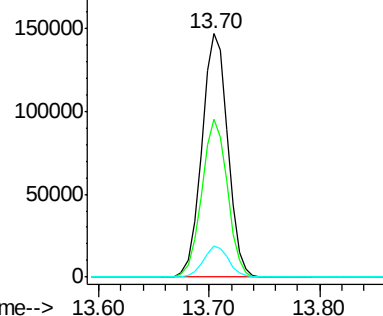
Abundance Ion 236.80 (236.50 to 237.50): E

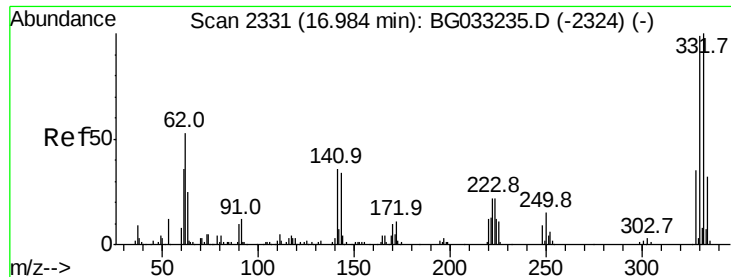
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

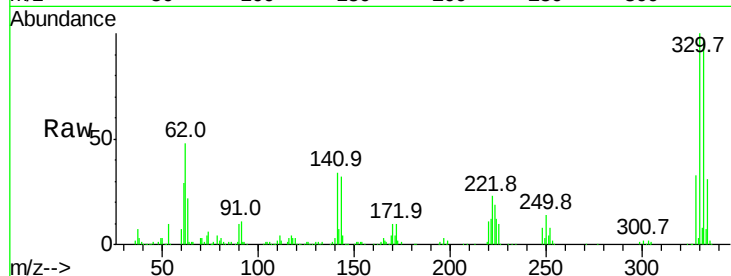




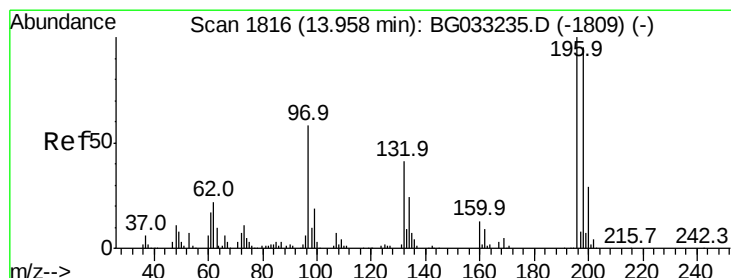
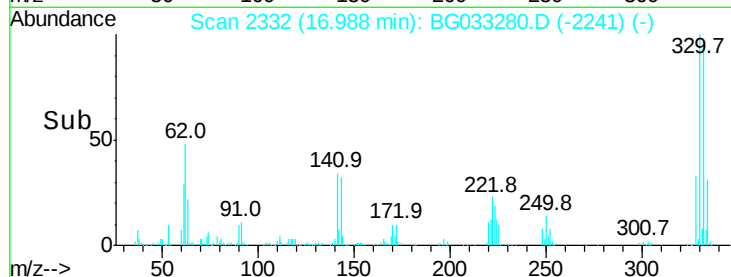
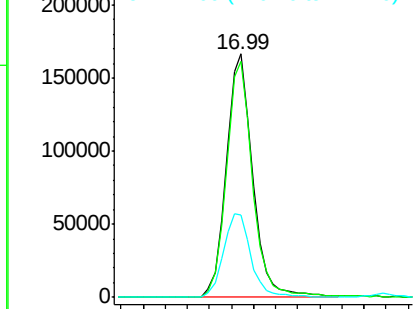
#41
 2,4,6-Tribromophenol
 Concen: 136.341 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. 0.01 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	35.7	25.2	37.8

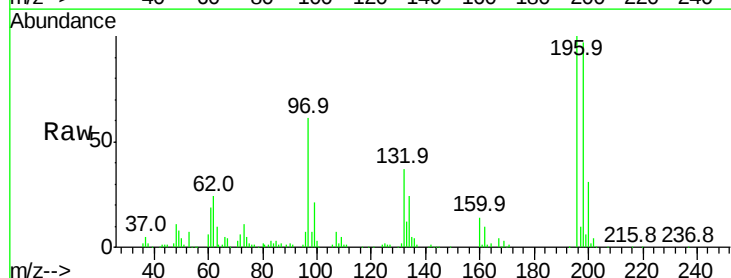


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

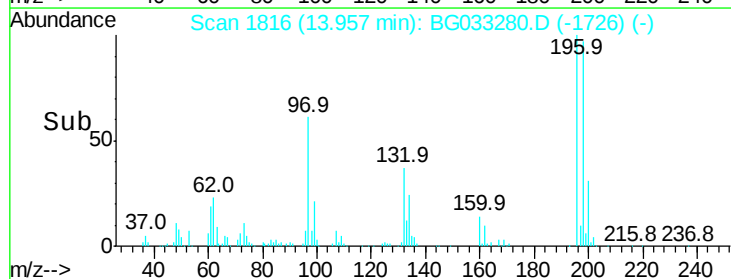
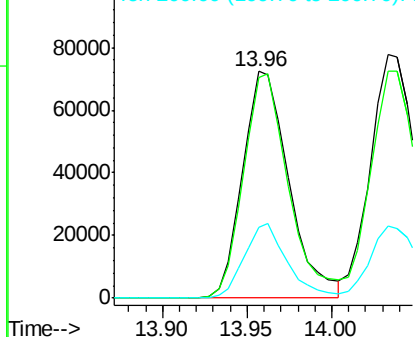


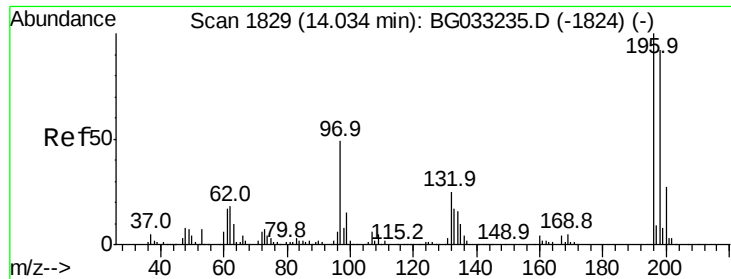
#42
 2,4,6-Trichlorophenol
 Concen: 47.859 ng
 RT: 13.96 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	78.2	117.2
200	31.0	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

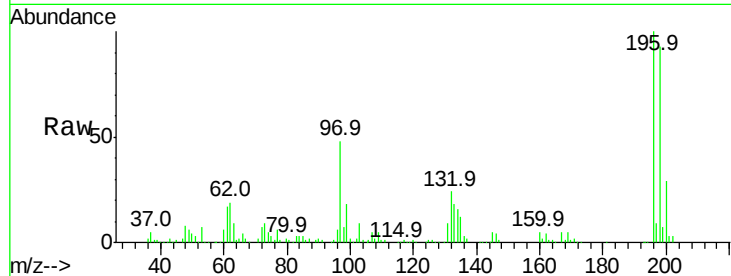




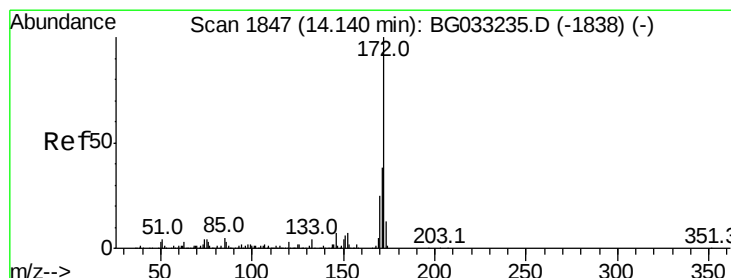
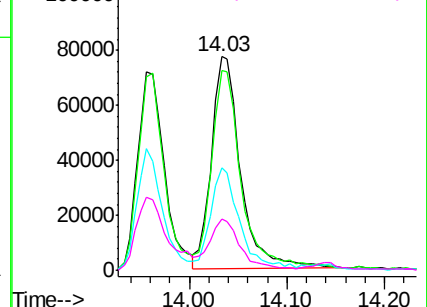
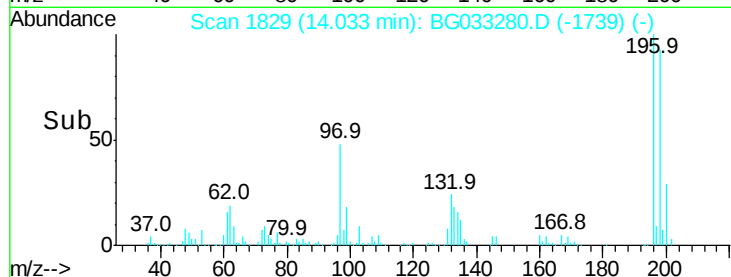
#43
 2,4,5-Trichlorophenol
 Concen: 47.195 ng
 RT: 14.03 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 160990
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.2 114.4
 97 47.7 38.7 58.1
 132 24.0 20.2 30.2

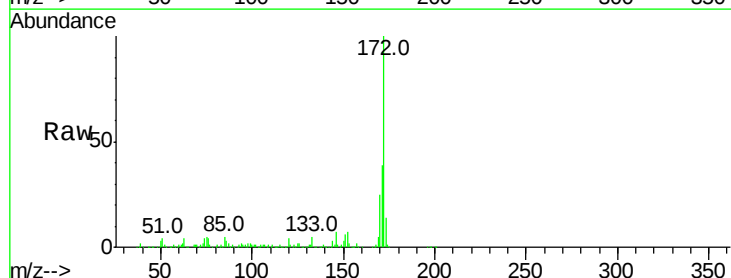


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

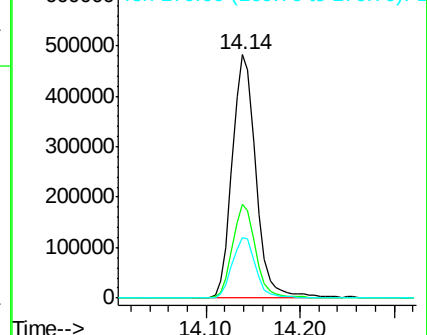
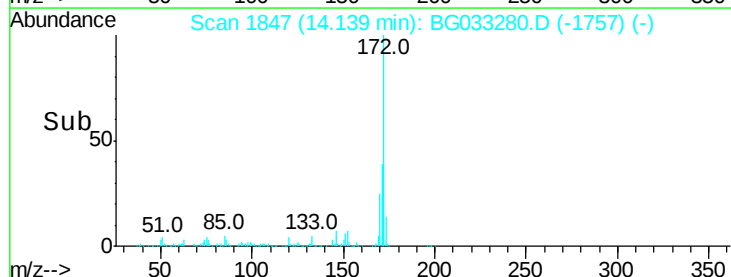


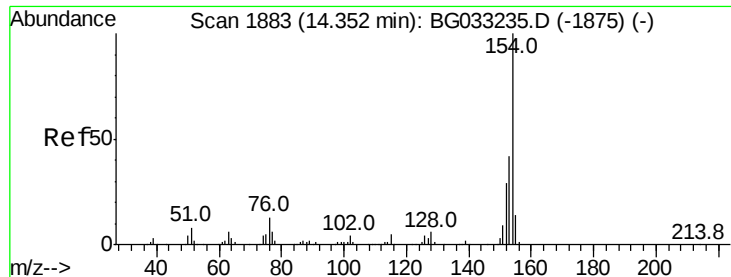
#44
 2-Fluorobiphenyl
 Concen: 89.119 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Tgt Ion:172 Resp: 846526
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.0 45.0
 170 25.1 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: 43.210 ng

RT: 14.35 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

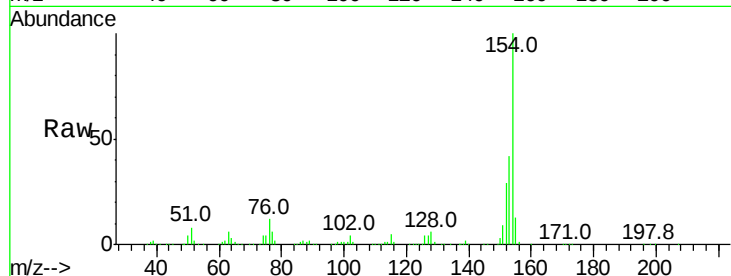
Tot Ion:154 Resp: 455230

Ion Ratio Lower Upper

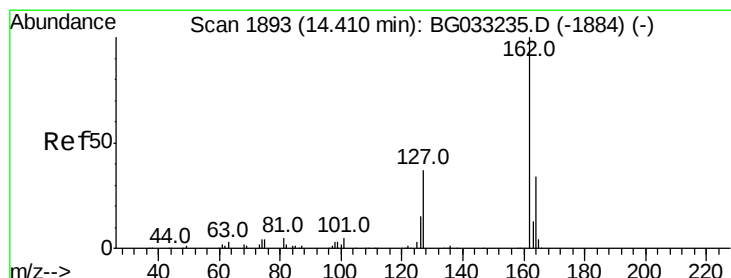
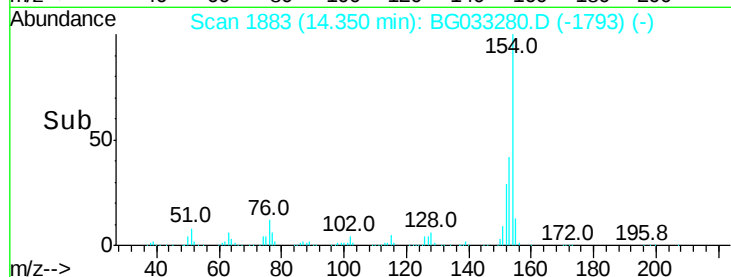
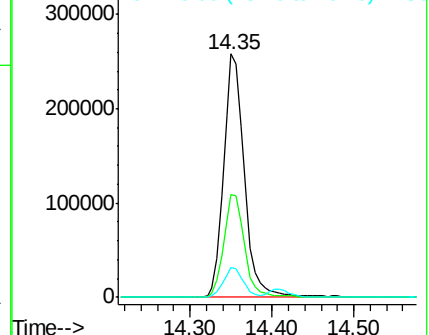
154 100

153 42.1 19.8 59.8

76 12.1 0.0 31.9



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



#46

2-Chloronaphthalene

Concen: 43.616 ng

RT: 14.41 min Scan# 1893

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

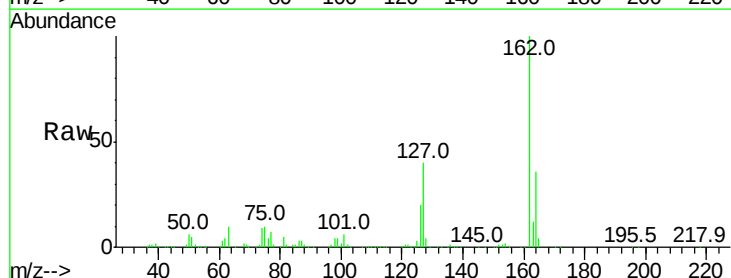
Tgt Ion:162 Resp: 354304

Ion Ratio Lower Upper

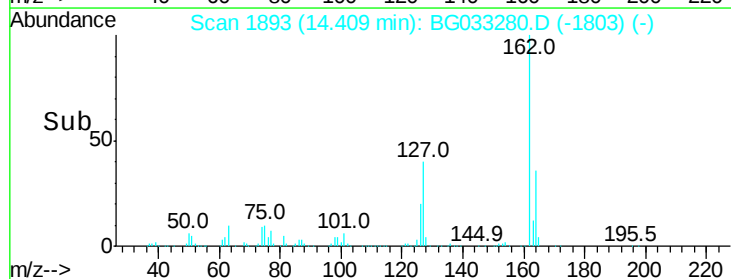
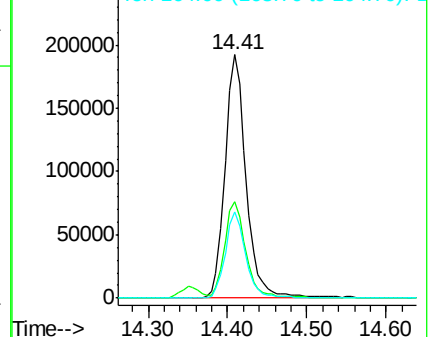
162 100

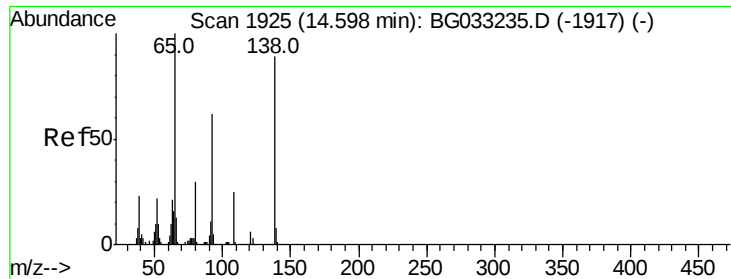
127 39.8 30.7 46.1

164 35.5 26.0 39.0



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

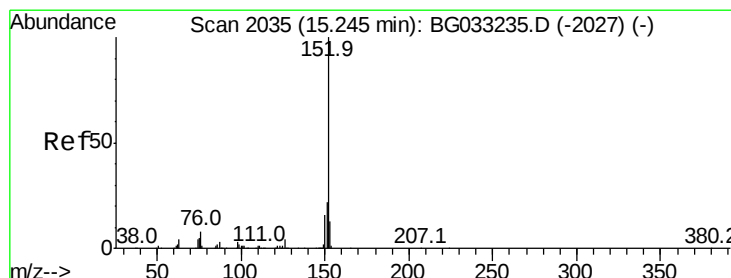
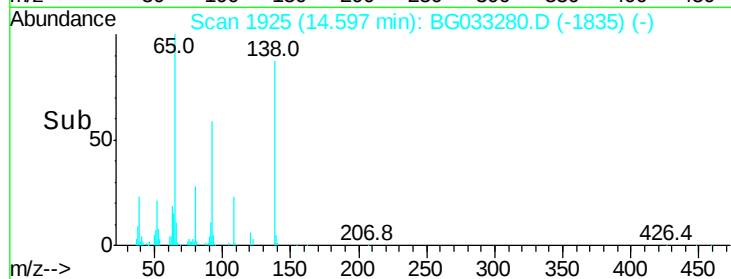
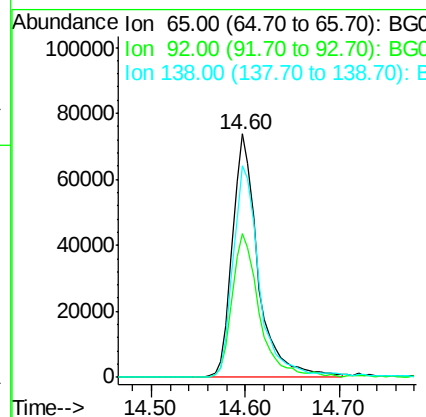
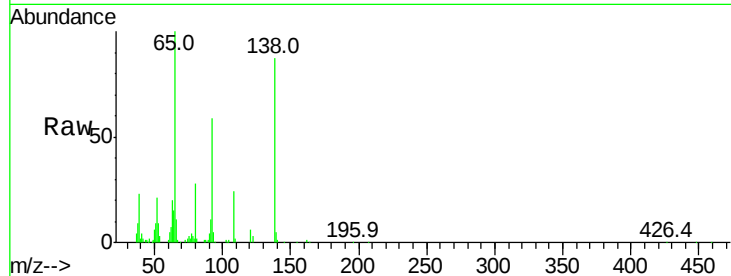




#47
2-Nitroaniline
Concen: 46.061 ng
RT: 14.60 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

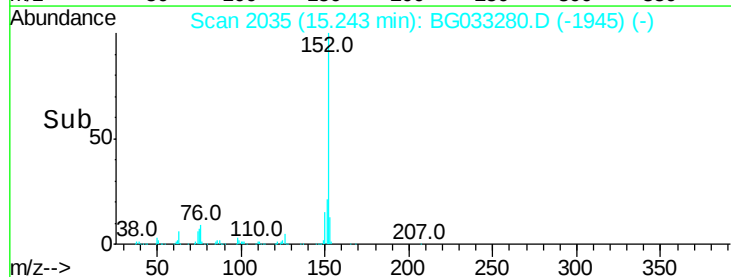
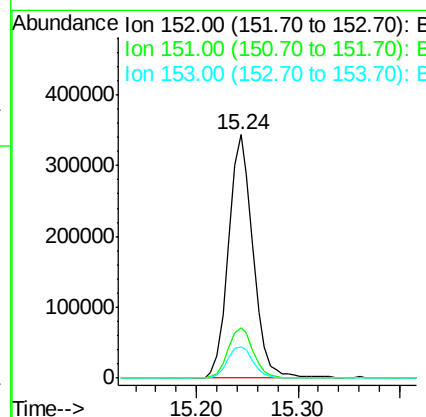
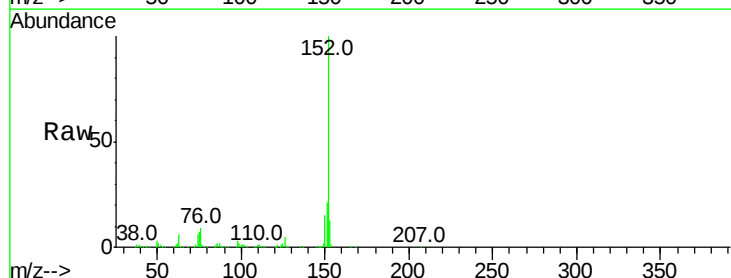
Instrument :
BNA_G
ClientSampleId :

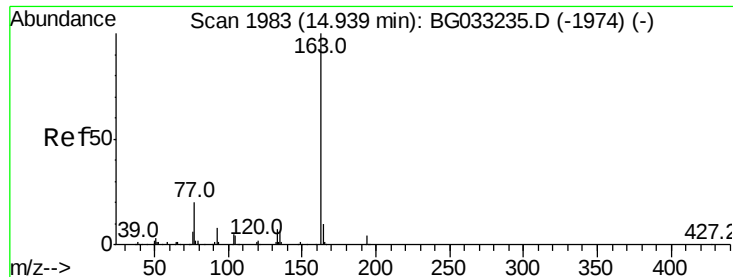
Tot Ion	Ratio	Lower	Upper
65	100		
92	59.2	54.6	82.0
138	87.0	72.9	109.3



#48
Acenaphthylene
Concen: 42.147 ng
RT: 15.24 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.2	25.8
153	12.9	10.2	15.4





#49

Dimethylphthalate

Concen: 43.484 ng

RT: 14.94 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

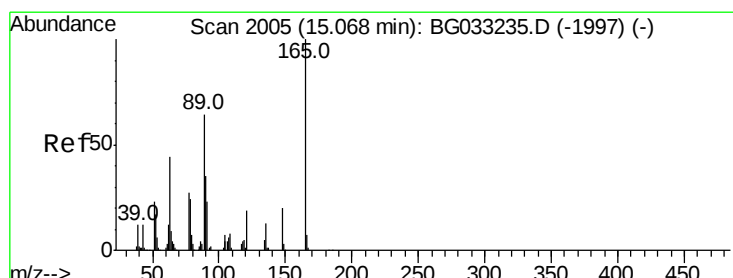
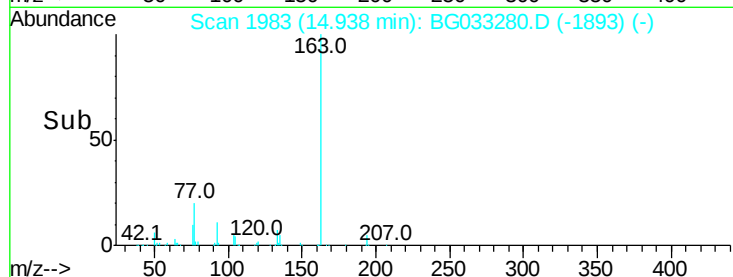
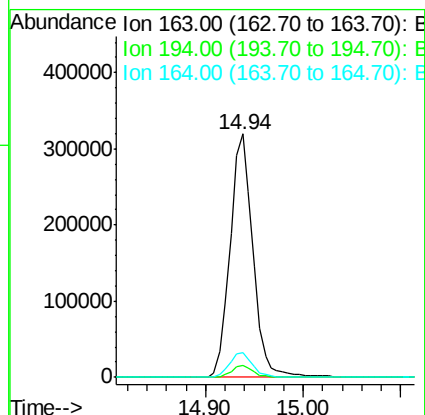
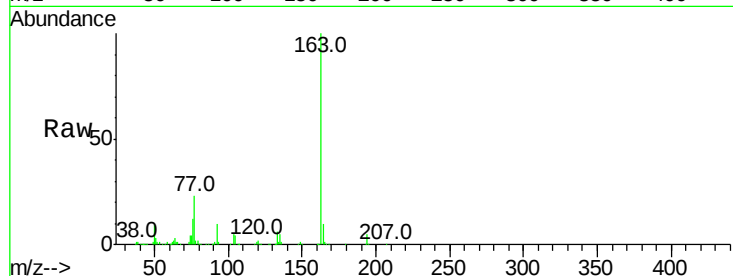
Tot Ion:163 Resp: 518938

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

164 10.0 8.2 12.4



#50

2,6-Dinitrotoluene

Concen: 46.540 ng

RT: 15.07 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

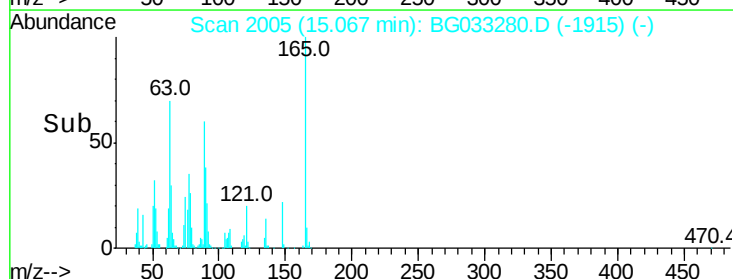
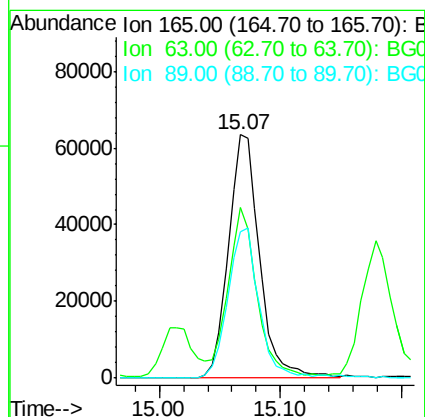
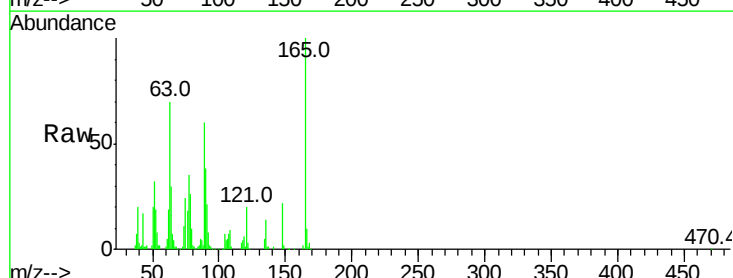
Tgt Ion:165 Resp: 113566

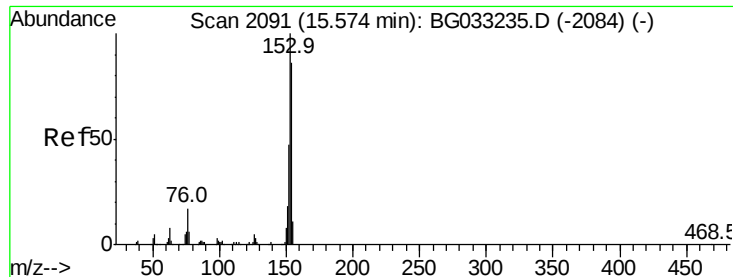
Ion Ratio Lower Upper

165 100

63 69.9 52.7 79.1

89 60.2 49.2 73.8





#51

Acenaphthene

Concen: 41.586 ng

RT: 15.58 min Scan# 2092

Delta R.T. 0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

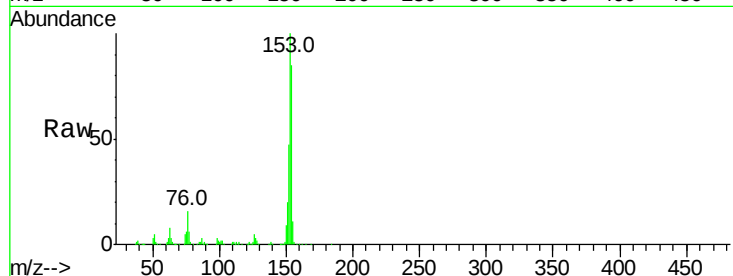
Tot Ion:154 Resp: 363493

Ion Ratio Lower Upper

154 100

153 117.6 90.4 135.6

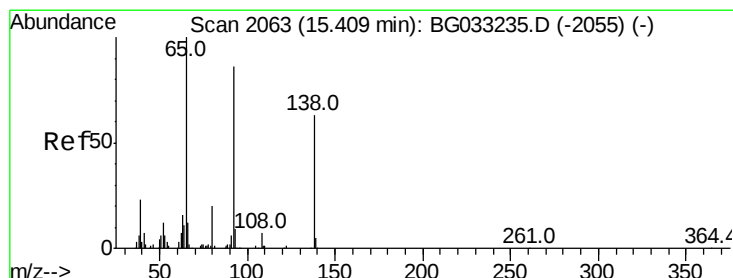
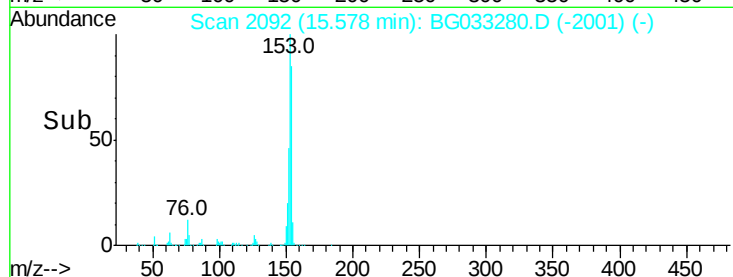
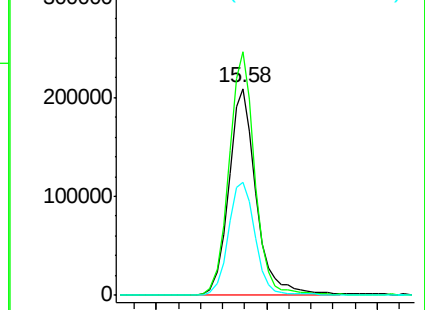
152 54.7 41.6 62.4



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: 14.722 ng

RT: 15.41 min Scan# 2064

Delta R.T. 0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

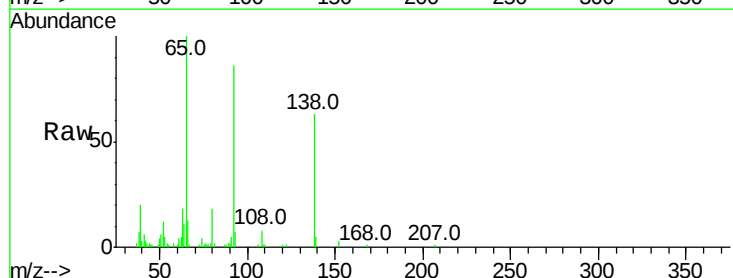
Tgt Ion:138 Resp: 37664

Ion Ratio Lower Upper

138 100

108 12.2 17.5 26.3#

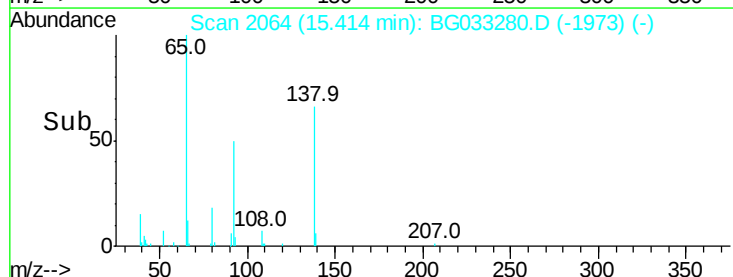
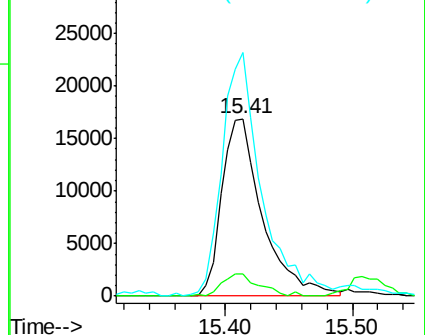
92 137.3 105.8 158.8

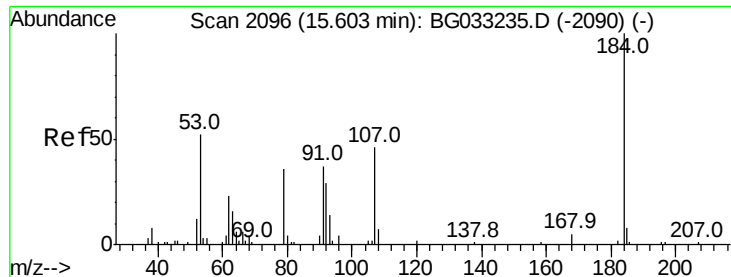


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

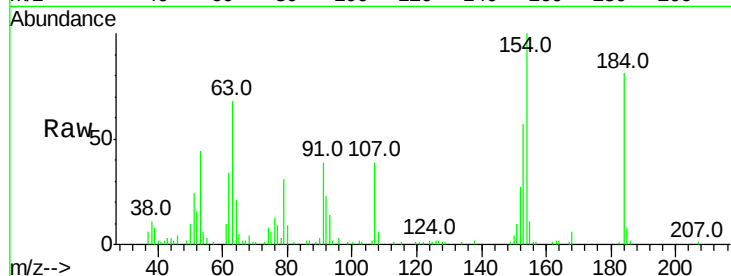




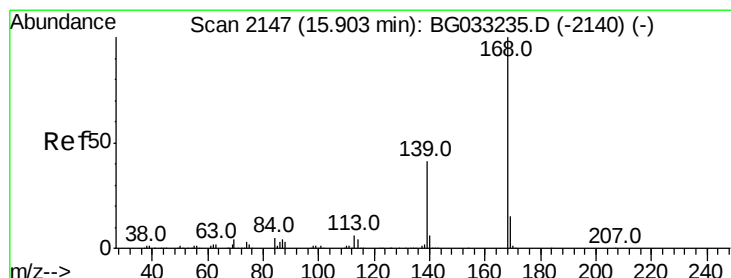
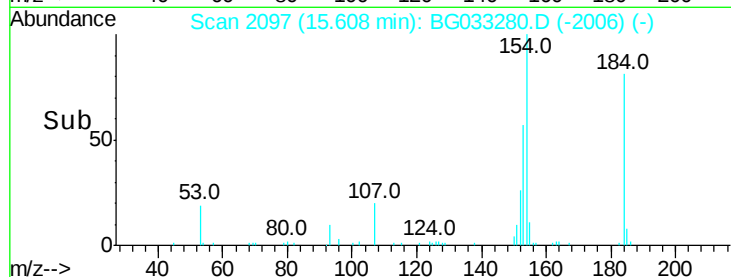
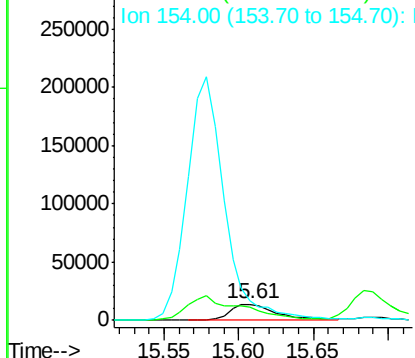
#53
2,4-Dinitrophenol
Concen: 29.920 ng
RT: 15.61 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 31124
Ion Ratio Lower Upper
184 100
63 83.5 59.8 89.8
154 123.3 101.8 152.8

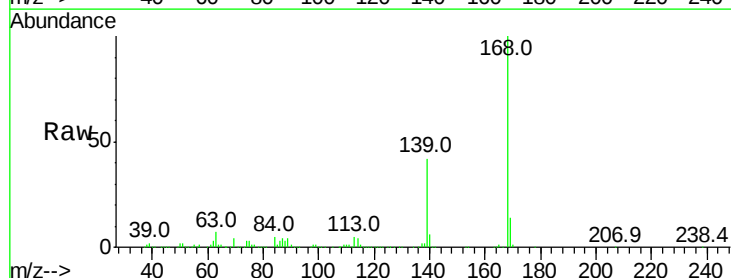


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

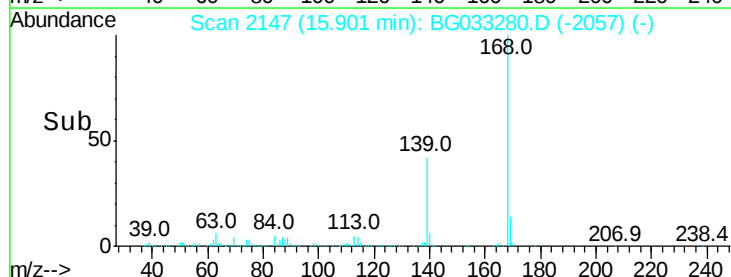
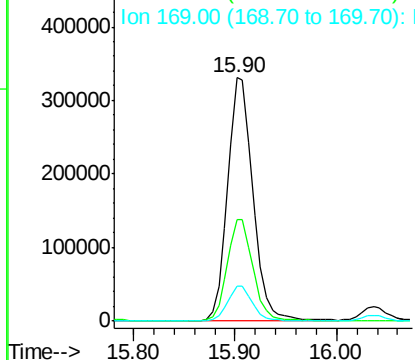


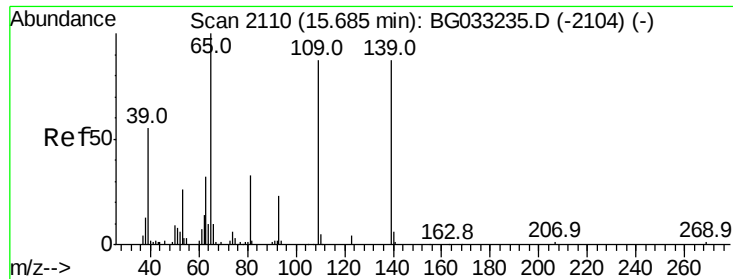
#54
Dibenzofuran
Concen: 44.617 ng
RT: 15.90 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion:168 Resp: 576064
Ion Ratio Lower Upper
168 100
139 41.6 28.6 43.0
169 14.1 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

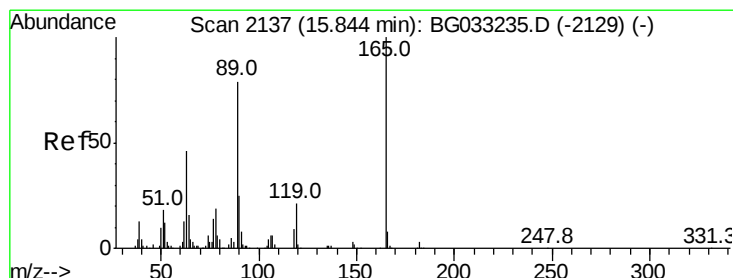
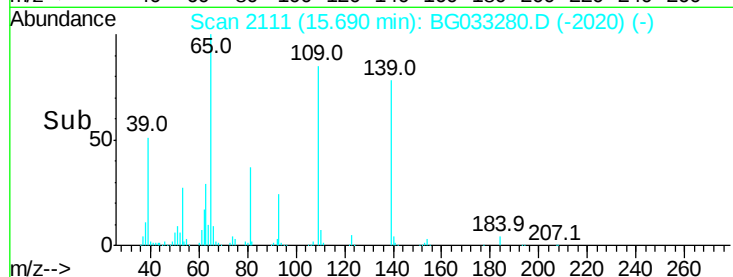
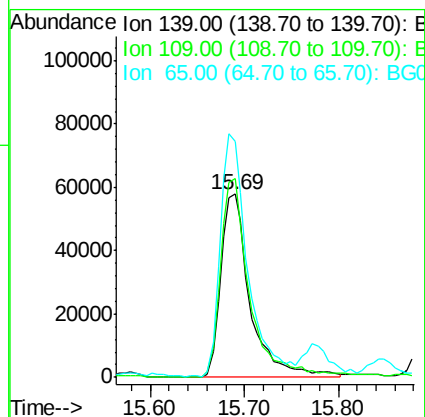
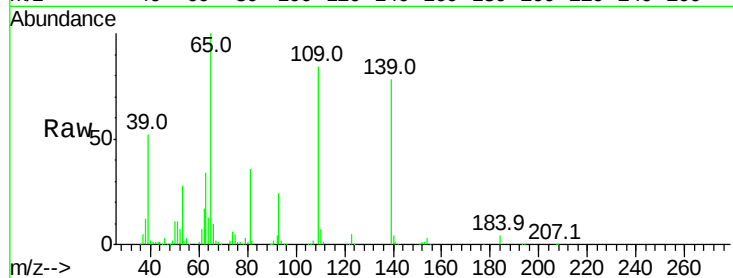




#55
4-Nitrophenol
Concen: 70.042 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

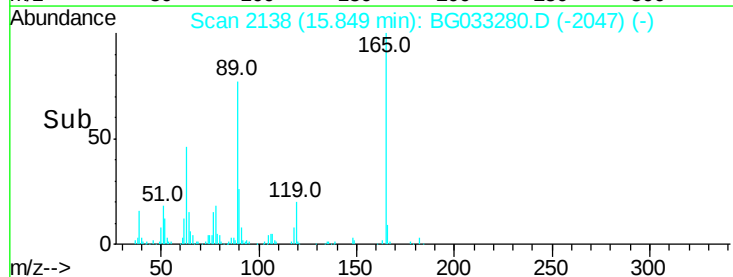
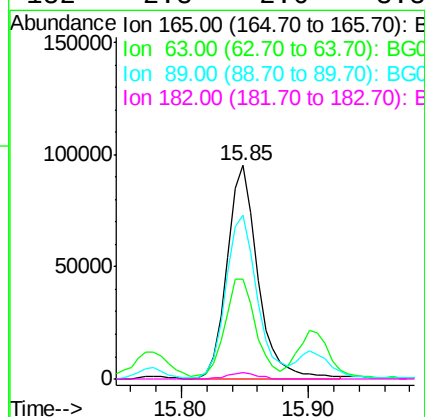
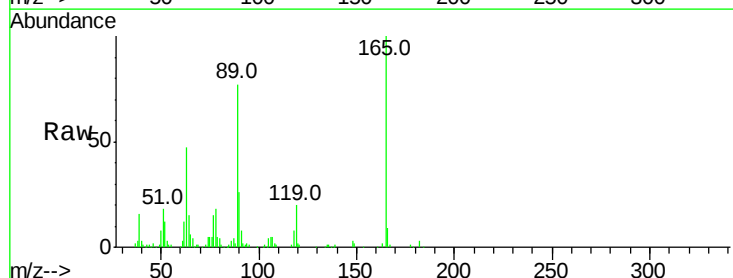
Instrument :
BNA_G
ClientSampleId :

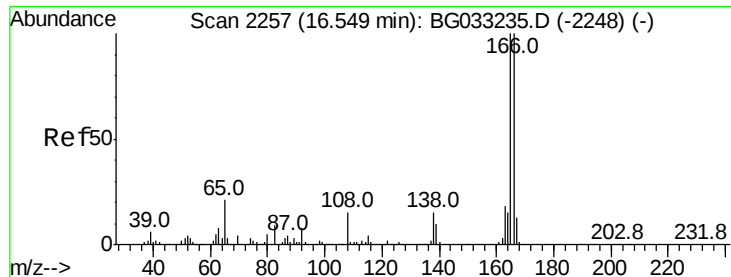
Tot Ion:139 Resp: 125998
Ion Ratio Lower Upper
139 100
109 108.2 62.2 102.2#
65 128.6 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 44.402 ng
RT: 15.85 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion:165 Resp: 159531
Ion Ratio Lower Upper
165 100
63 46.9 42.0 63.0
89 76.8 66.9 100.3
182 2.8 2.6 3.8

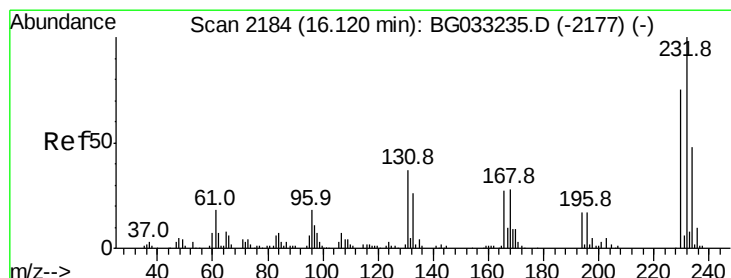
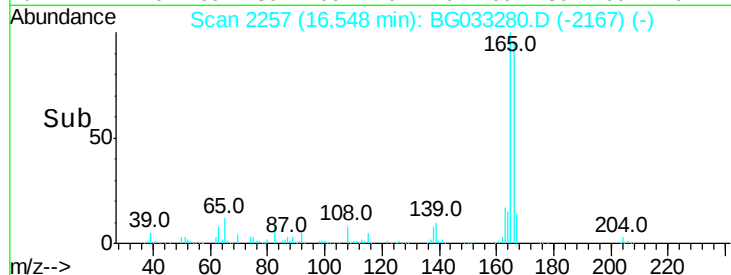
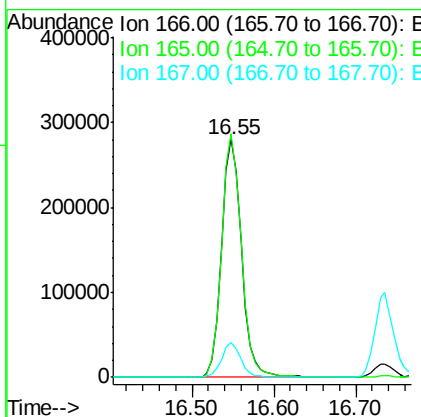
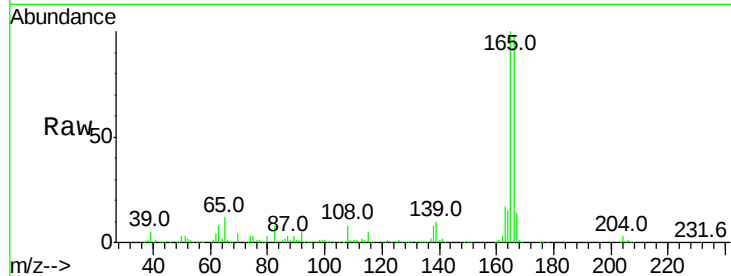




#57
 Fluorene
 Concen: 43.538 ng
 RT: 16.55 min Scan# 2257
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

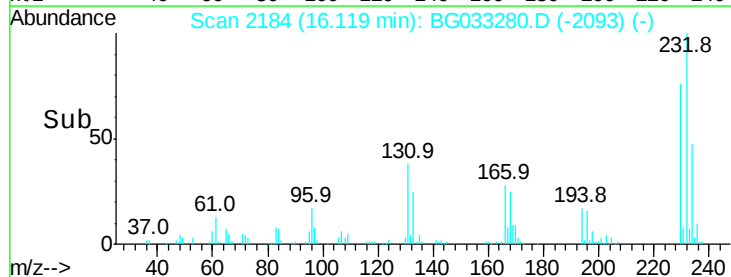
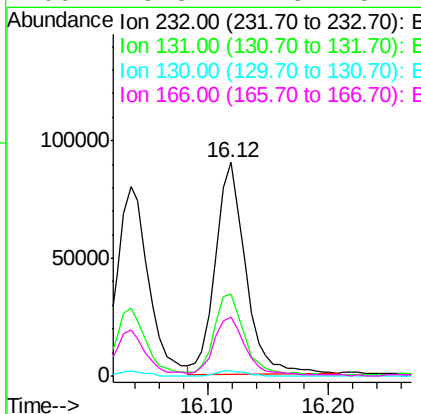
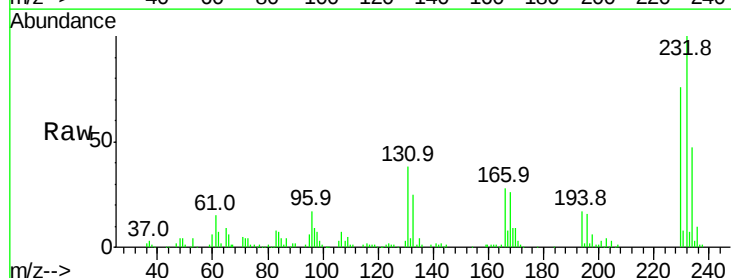
Instrument :
 BNA_G
 ClientSampleId :

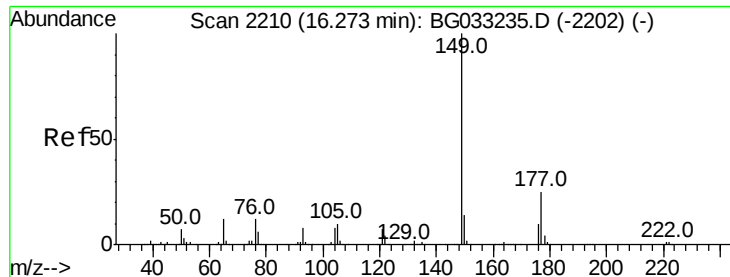
Tot Ion	Ratio	Lower	Upper
166	100		
165	102.2	80.6	121.0
167	14.6	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.905 ng
 RT: 16.12 min Scan# 2184
 Delta R.T. 0.01 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.4	33.5	50.3
130	2.6	2.2	3.2
166	28.3	24.8	37.2

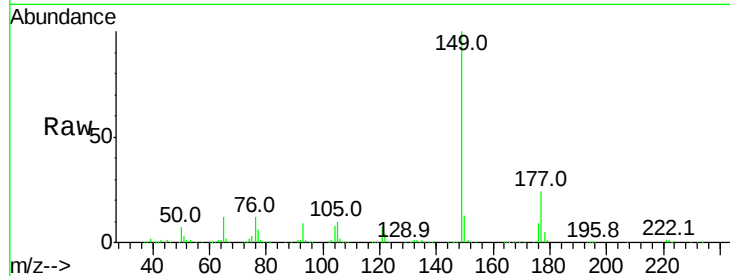




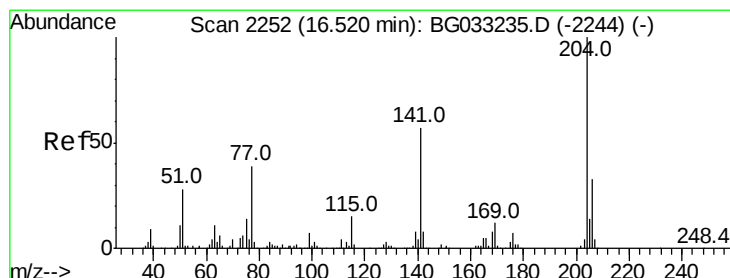
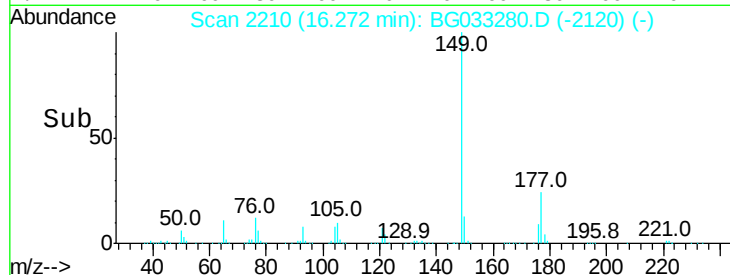
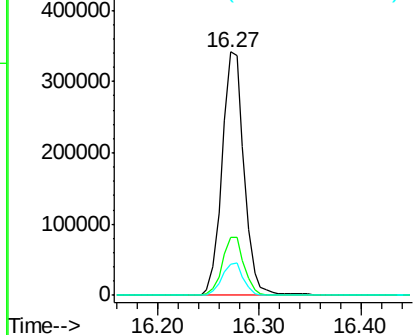
#59
Diethylphthalate
Concen: 44.404 ng
RT: 16.27 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 514558
Ion Ratio Lower Upper
149 100
177 24.1 18.5 27.7
150 13.0 10.2 15.2

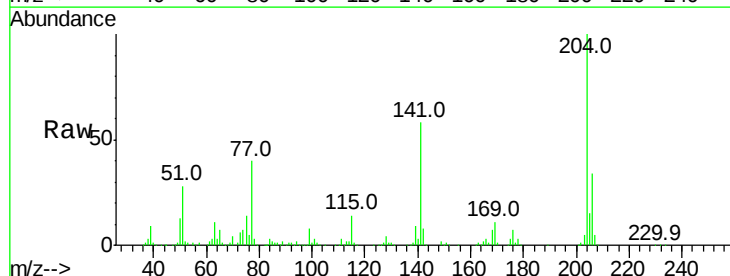


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

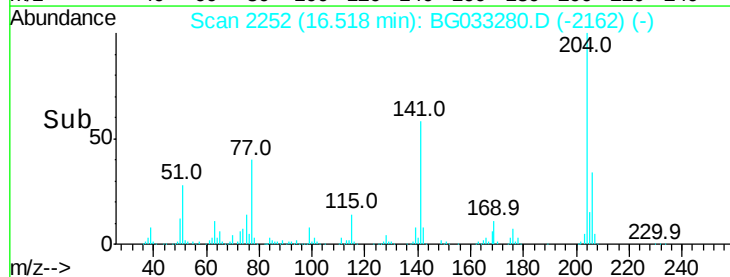
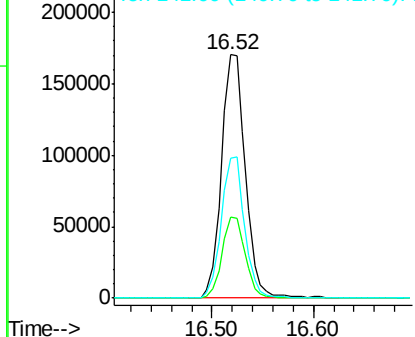


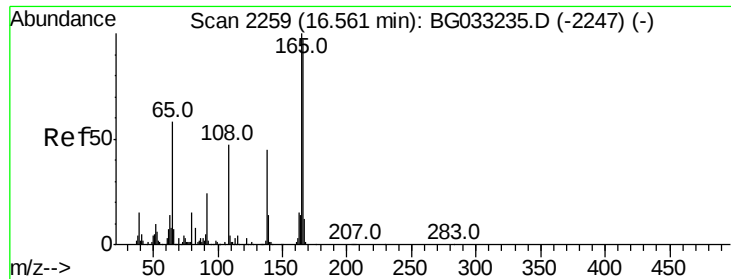
#60
4-Chlorophenyl-phenylether
Concen: 44.103 ng
RT: 16.52 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion:204 Resp: 278862
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 57.7 45.8 68.6



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

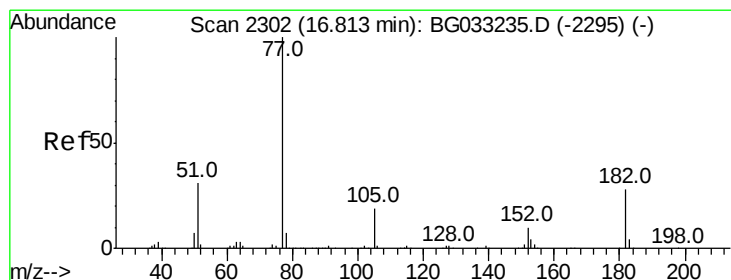
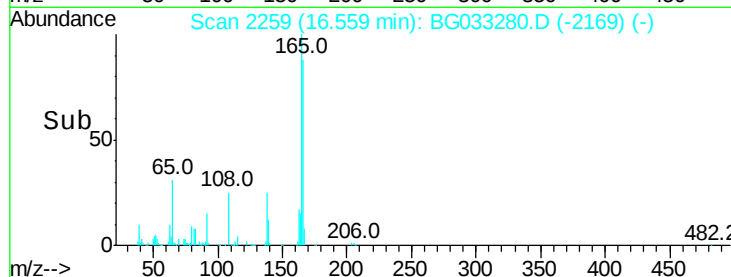
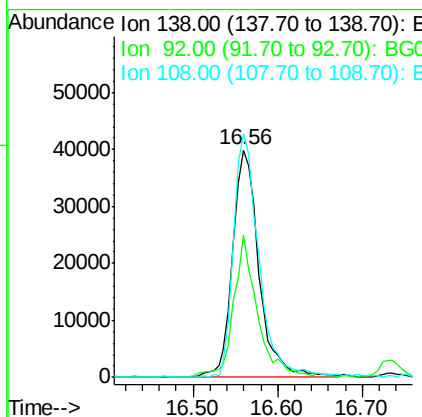
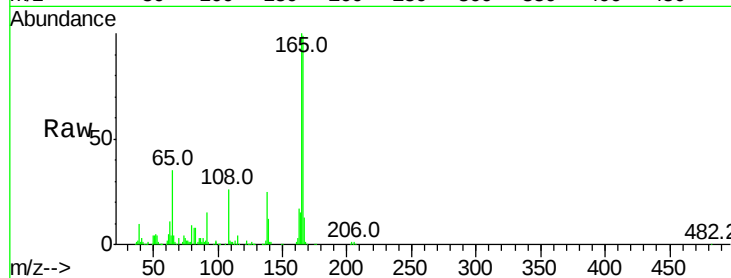




#61
4-Nitroaniline
Concen: 32.991 ng
RT: 16.56 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

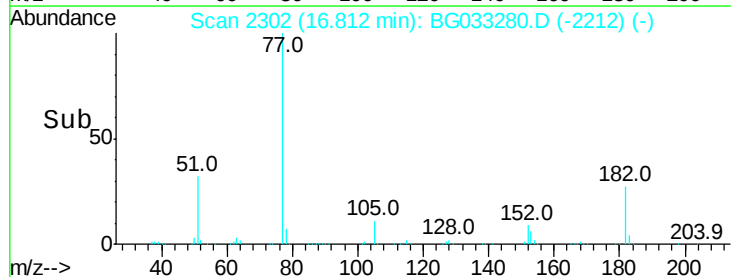
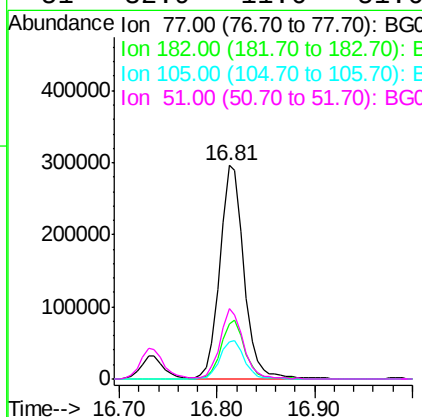
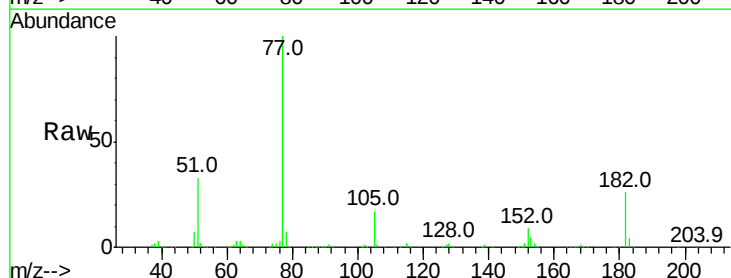
Instrument :
BNA_G
ClientSampleId :

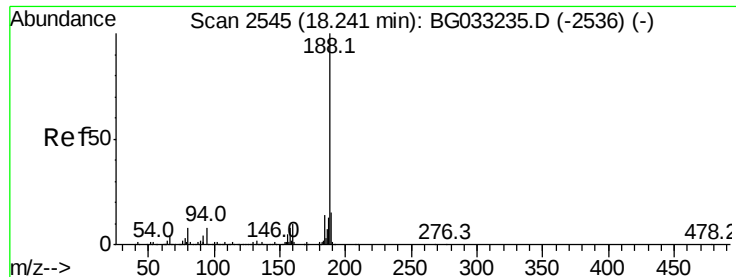
Tot Ion:138 Resp: 85468
Ion Ratio Lower Upper
138 100
92 62.7 40.1 80.1
108 107.1 65.4 105.4#



#62
Azobenzene
Concen: 44.862 ng
RT: 16.81 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion: 77 Resp: 503590
Ion Ratio Lower Upper
77 100
182 26.0 7.4 47.4
105 17.5 0.3 40.3
51 32.9 11.6 51.6

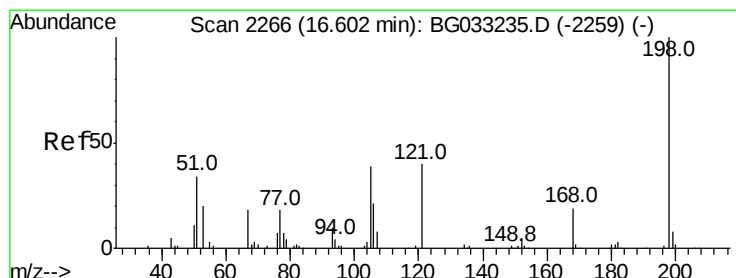
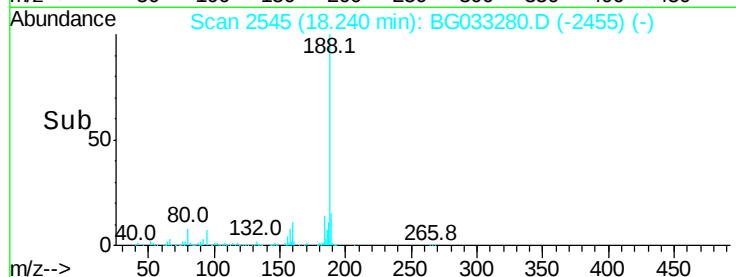
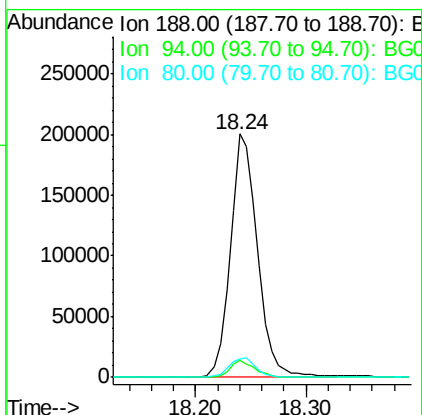
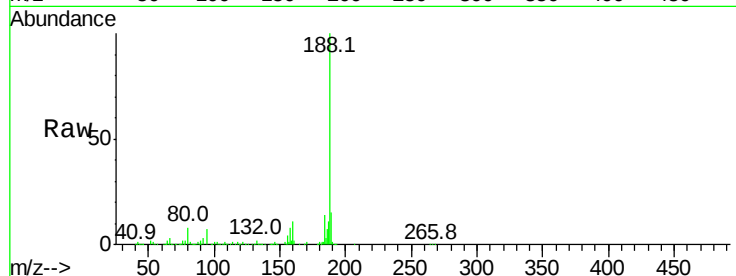




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

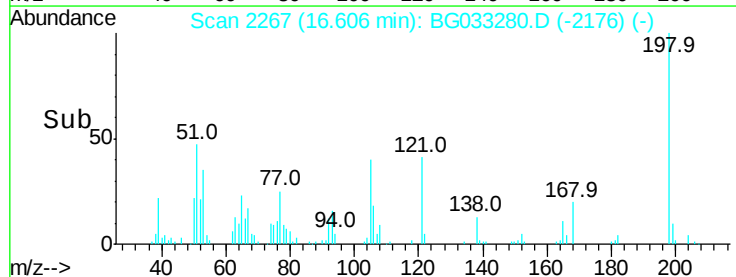
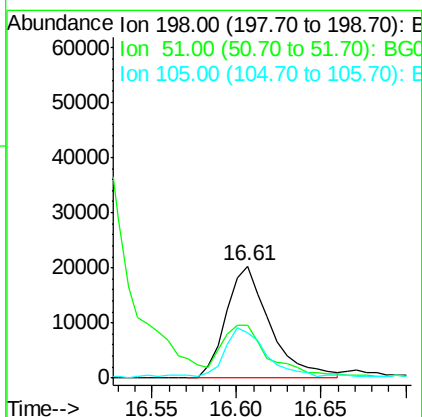
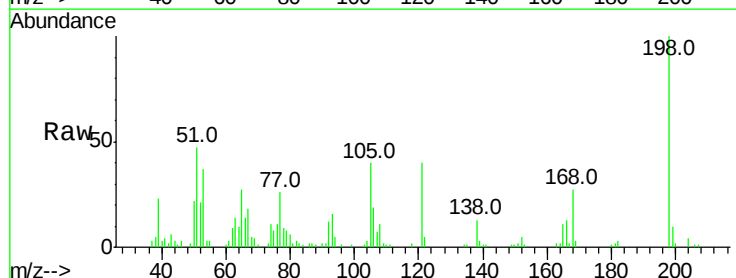
Instrument :
BNA_G
ClientSampled :

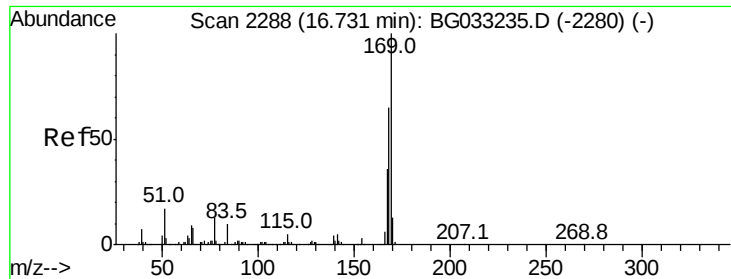
Tot Ion:188 Resp: 343679
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 7.8 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 17.920 ng
RT: 16.61 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion:198 Resp: 36844
Ion Ratio Lower Upper
198 100
51 46.9 30.6 70.6
105 39.8 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 44.909 ng

RT: 16.74 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

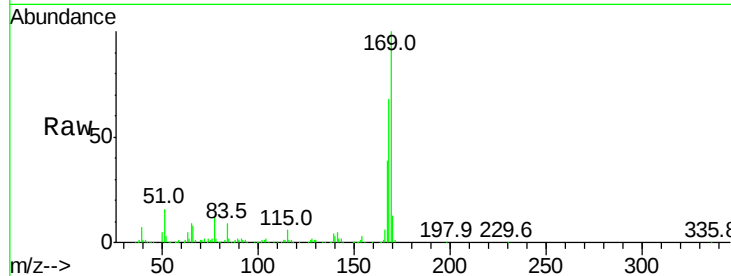
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 440628

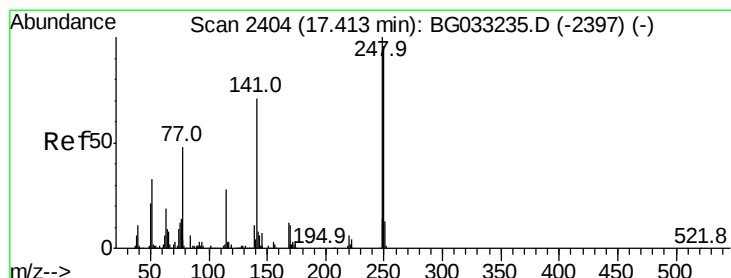
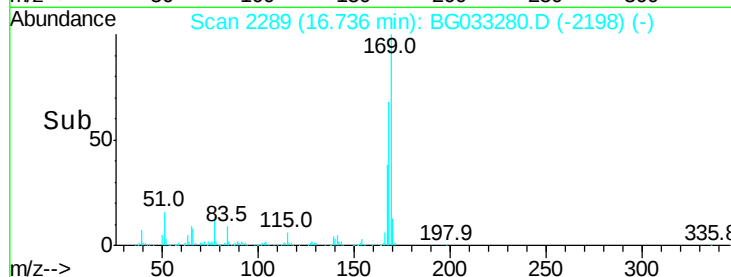
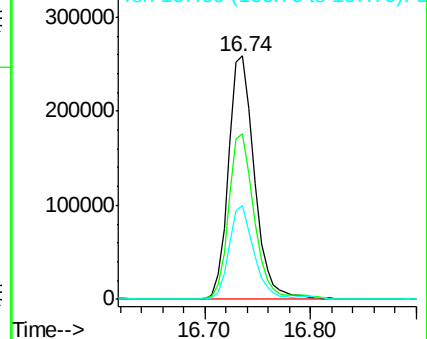
Ion	Ratio	Lower	Upper
169	100		
168	68.1	55.7	83.5
167	38.5	30.1	45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.360 ng

RT: 17.41 min Scan# 2404

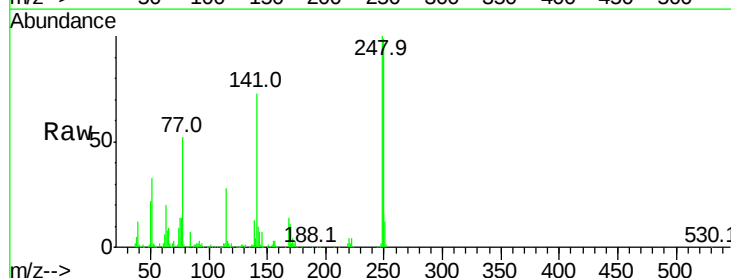
Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Tgt Ion:248 Resp: 187120

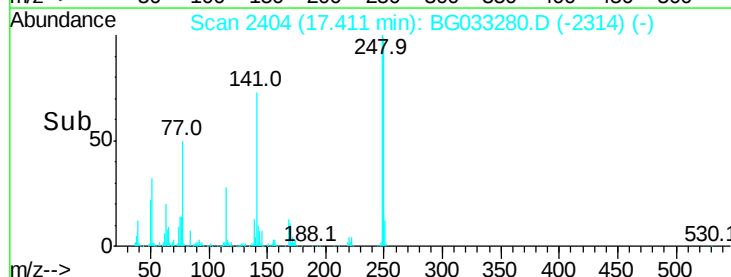
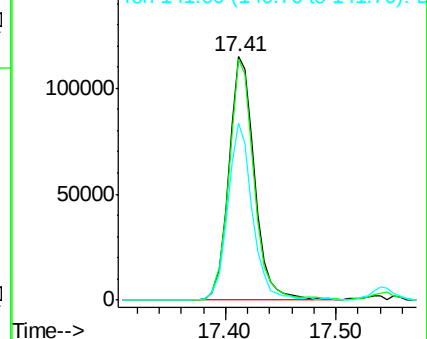
Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.1	115.7
141	72.6	50.8	76.2

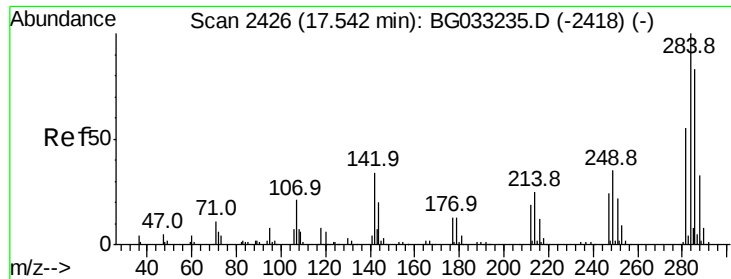


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

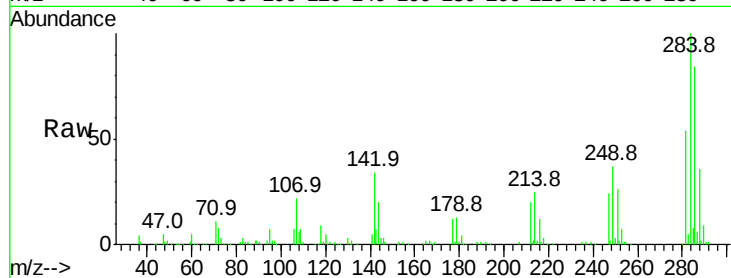




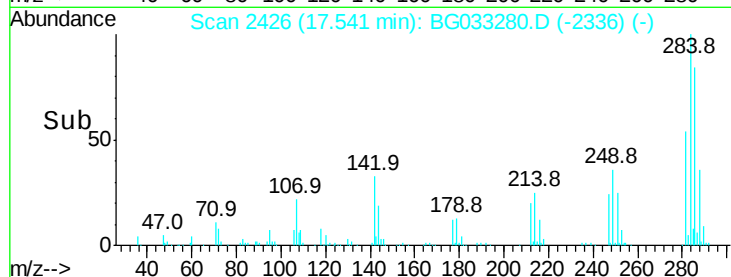
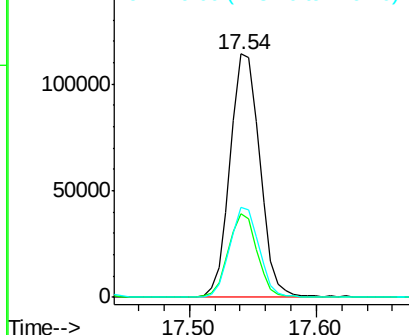
#67
Hexachlorobenzene
Concen: 43.577 ng
RT: 17.54 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 185624
Ion Ratio Lower Upper
284 100
142 34.2 26.8 40.2
249 36.7 26.3 39.5

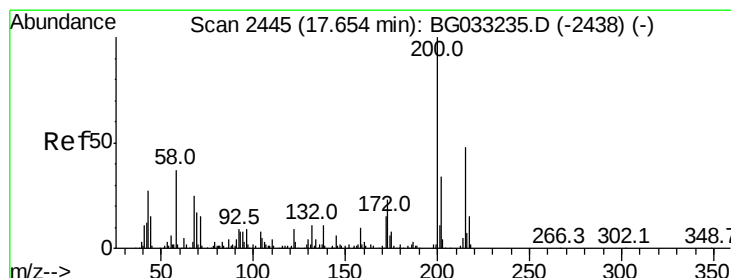


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

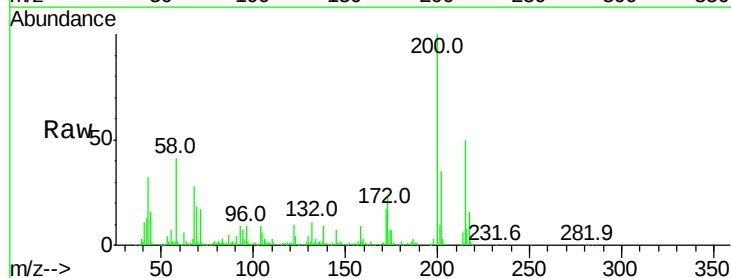
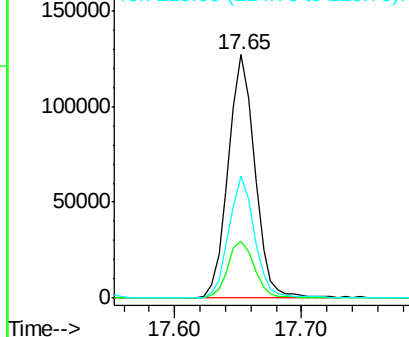


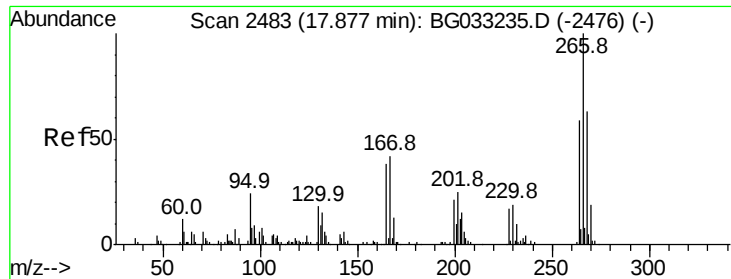
#68
Atrazine
Concen: 46.522 ng
RT: 17.65 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion:200 Resp: 184965
Ion Ratio Lower Upper
200 100
173 23.4 5.2 45.2
215 50.1 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

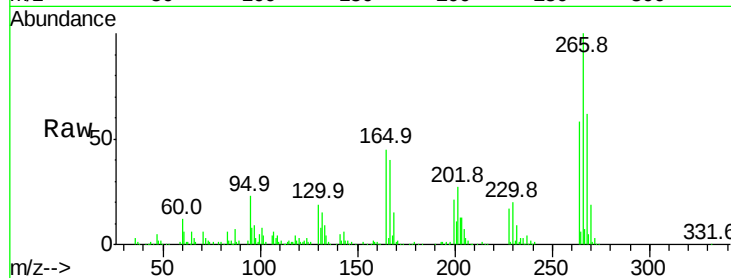




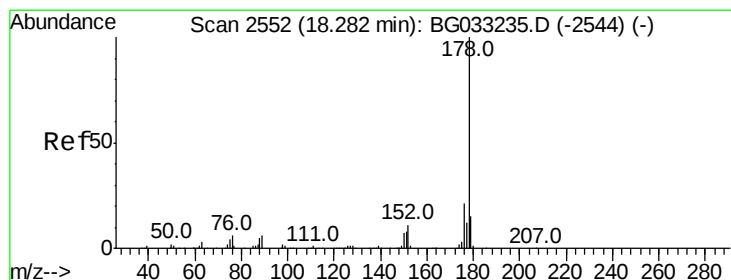
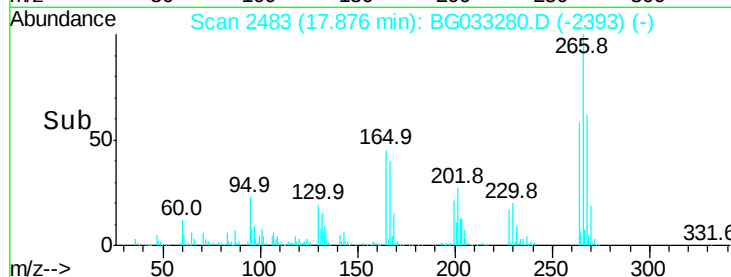
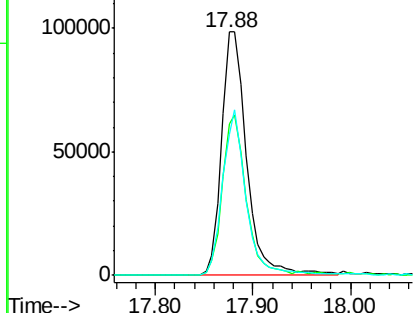
#69
 Pentachlorophenol
 Concen: 60.441 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	58.0	49.6	74.4

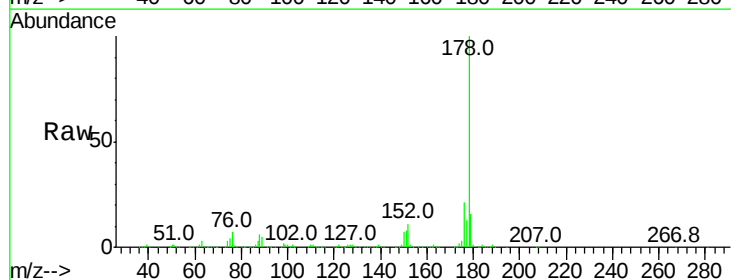


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

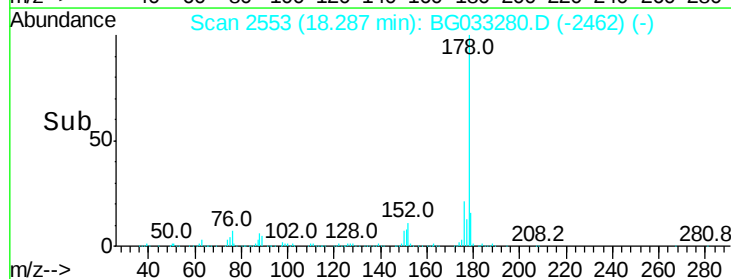
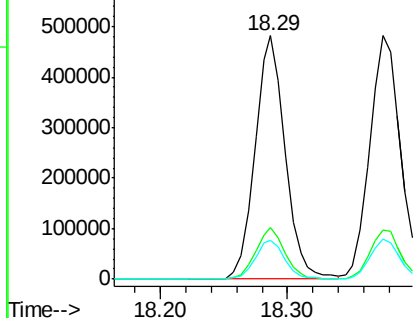


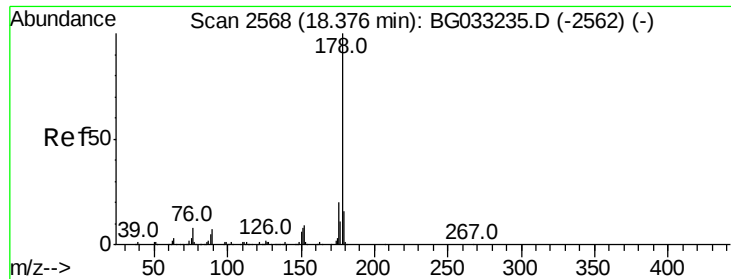
#70
 Phenanthrene
 Concen: 44.445 ng
 RT: 18.29 min Scan# 2553
 Delta R.T. 0.01 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.7	23.5
179	16.1	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

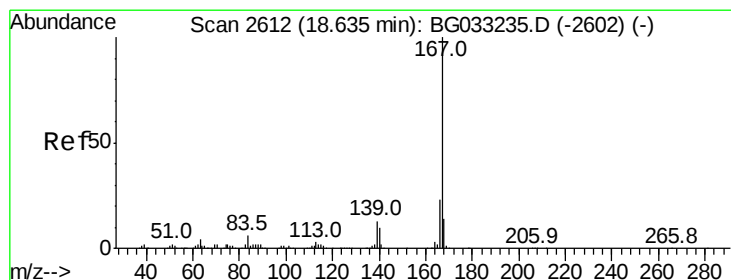
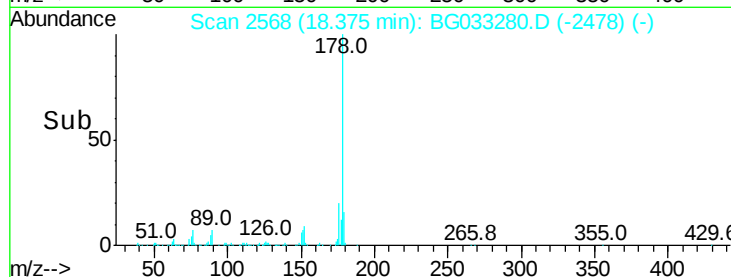
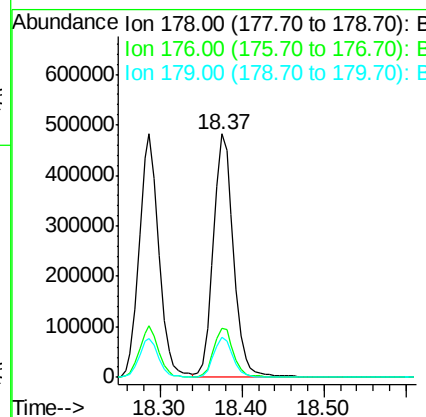
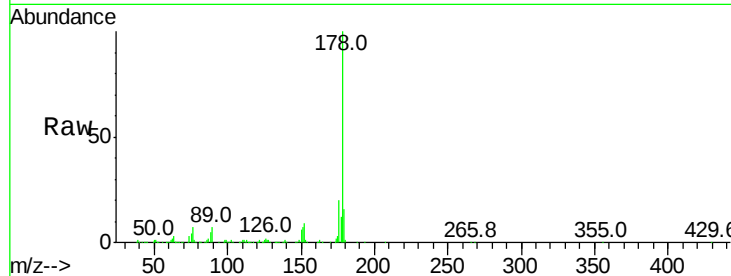




#71
 Anthracene
 Concen: 45.617 ng
 RT: 18.37 min Scan# 2568
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

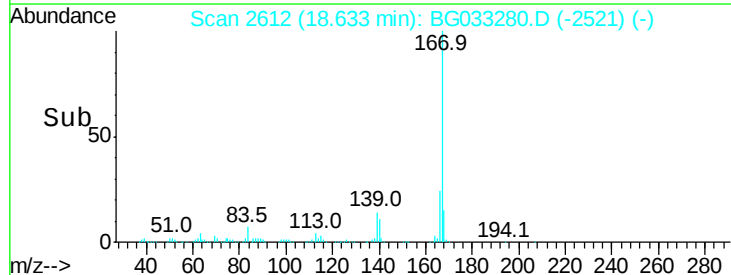
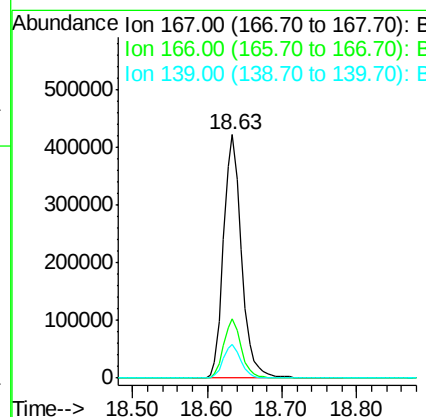
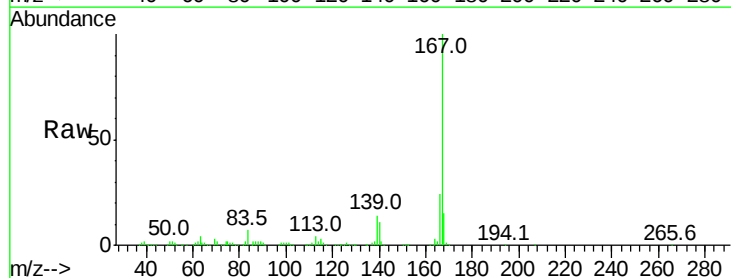
Instrument :
 BNA_G
 ClientSampleId :

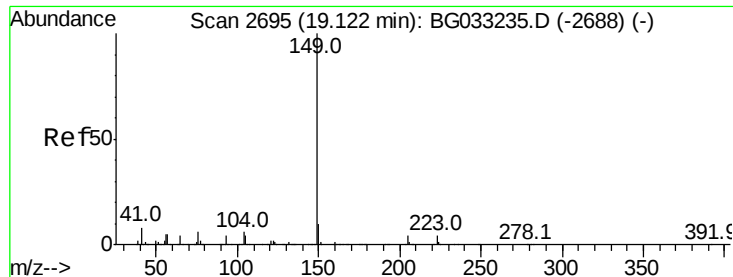
Tot Ion:178 Resp: 826712
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 16.3 12.5 18.7



#72
 Carbazole
 Concen: 44.057 ng
 RT: 18.63 min Scan# 2612
 Delta R.T. 0.01 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Tgt Ion:167 Resp: 707540
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.2 27.4
 139 13.7 9.4 14.2





#73

Di-n-butylphthalate

Concen: 44.598 ng

RT: 19.13 min Scan# 2696

Delta R.T. 0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

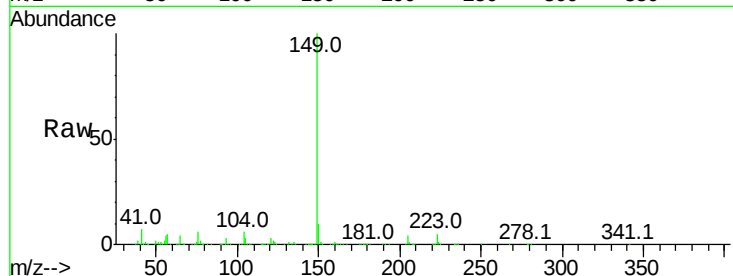
Tot Ion:149 Resp: 833659

Ion Ratio Lower Upper

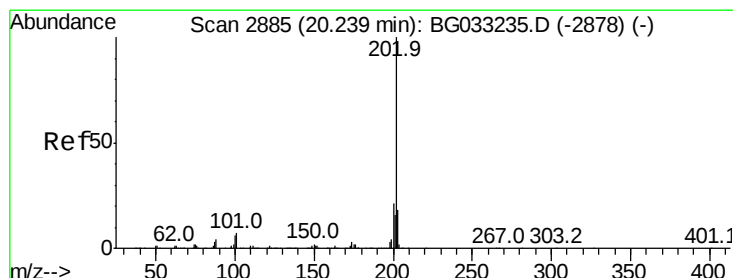
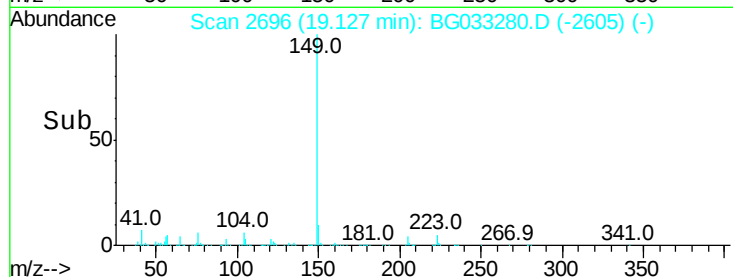
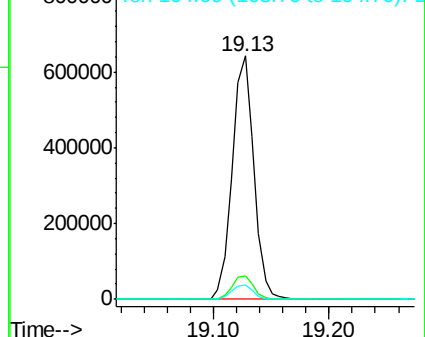
149 100

150 9.8 7.8 11.6

104 6.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.629 ng

RT: 20.24 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

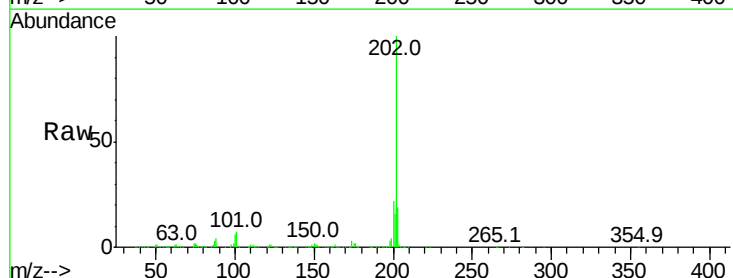
Tgt Ion:202 Resp: 988520

Ion Ratio Lower Upper

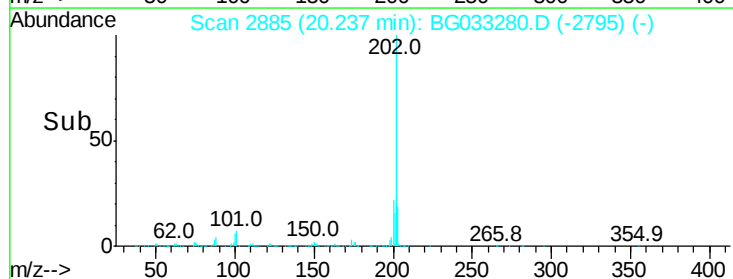
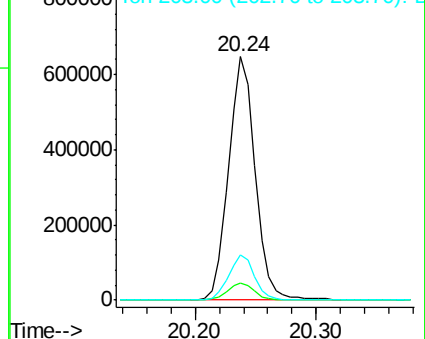
202 100

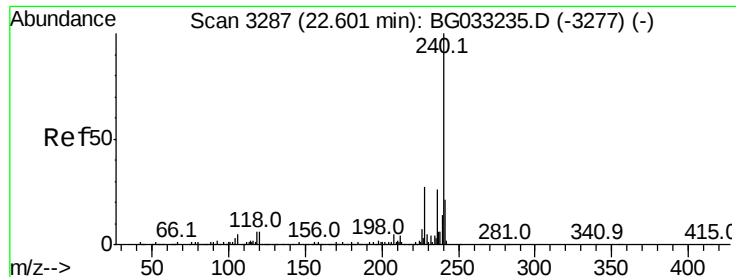
101 7.2 0.0 28.9

203 18.7 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: 22.60 min Scan# 3287

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

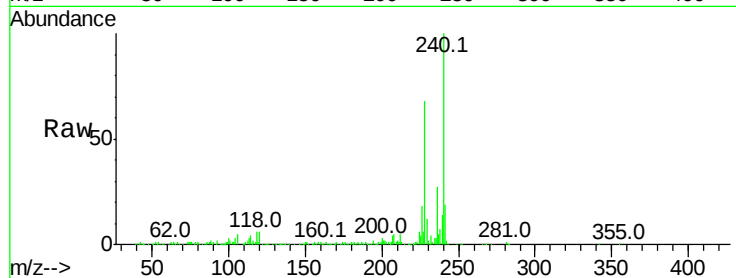
Tot Ion:240 Resp: 339869

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

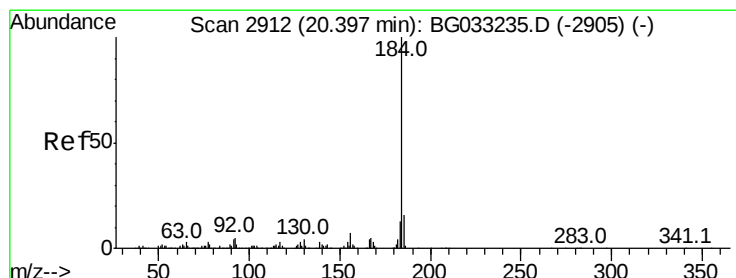
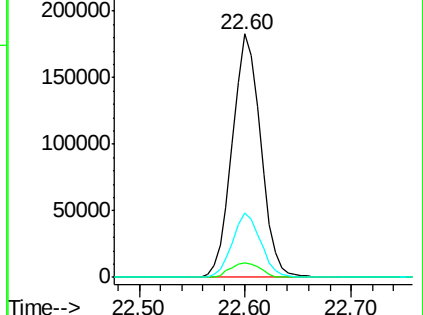
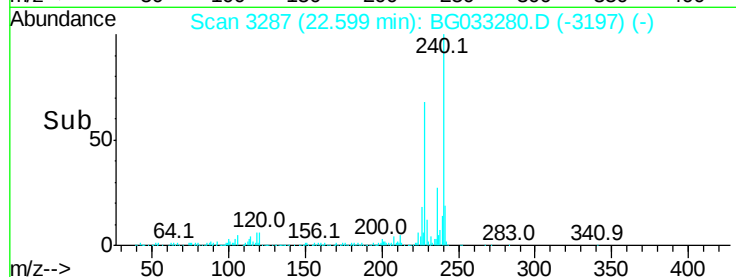
236 26.7 20.9 31.3



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: 17.351 ng

RT: 20.40 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

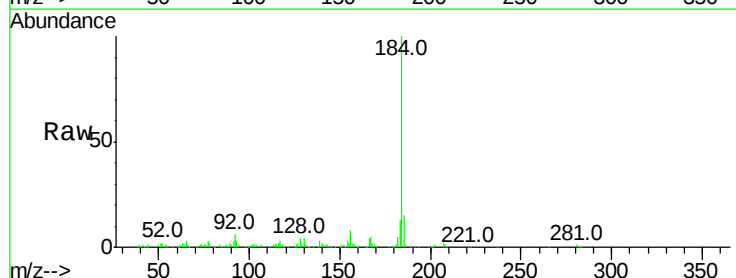
Tgt Ion:184 Resp: 159920

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

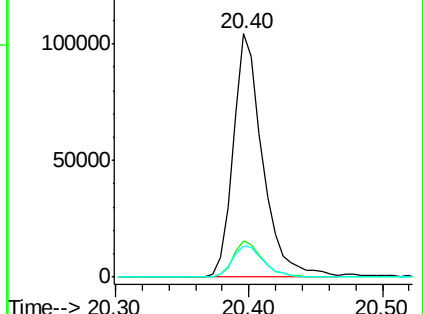
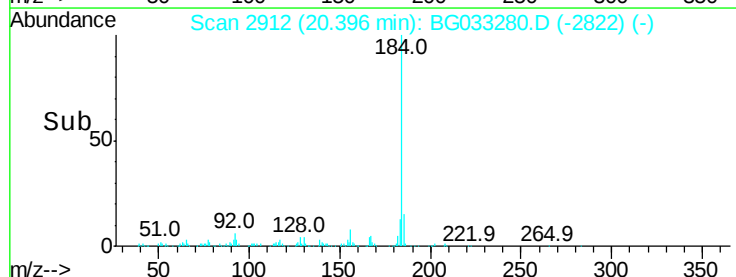
183 12.8 10.6 16.0

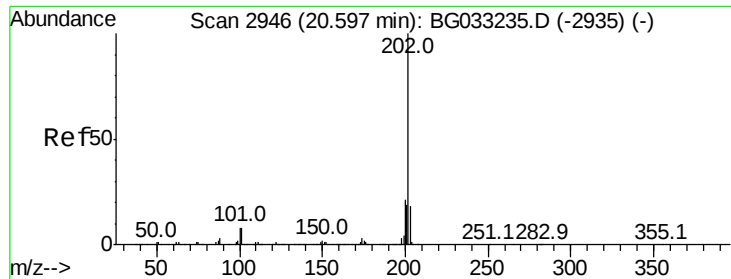


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

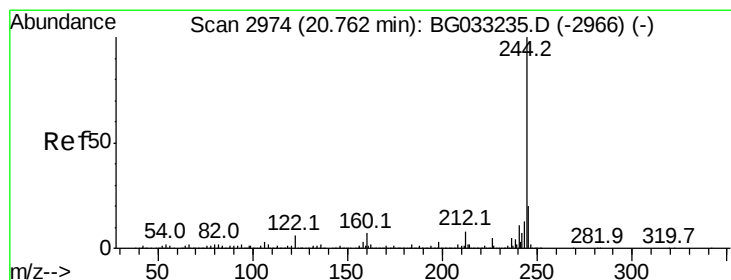
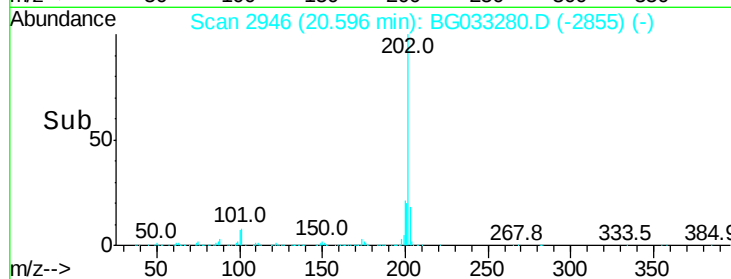
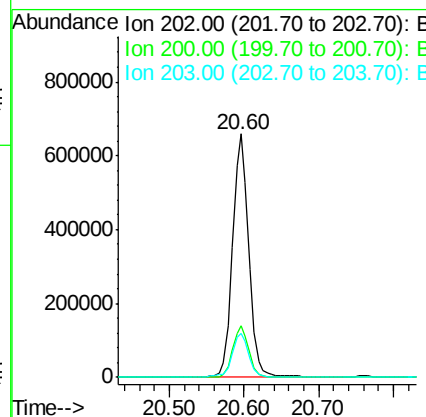
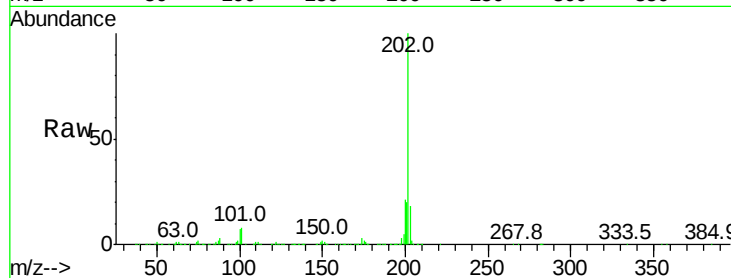




#77
Pvrene
Concen: 44.151 ng
RT: 20.60 min Scan# 2946
Delta R.T. 0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

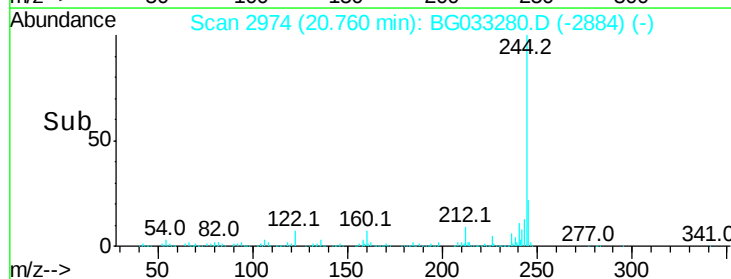
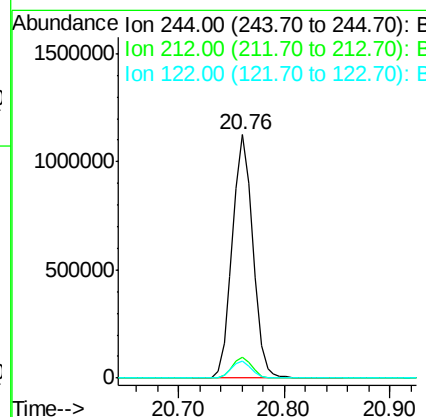
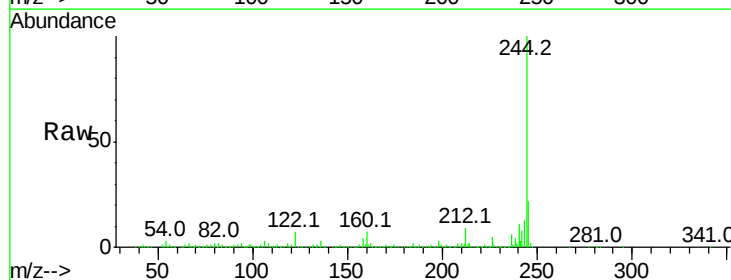
Instrument :
BNA_G
ClientSampleId :

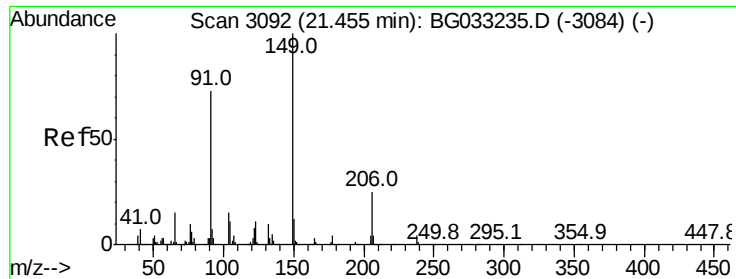
Tot Ion:202 Resp: 1000784
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 18.1 13.9 20.9



#78
Terphenyl-d14
Concen: 95.171 ng
RT: 20.76 min Scan# 2974
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion:244 Resp: 1512463
Ion Ratio Lower Upper
244 100
212 8.7 5.8 8.8
122 7.1 7.0 10.4





#79

Butylbenzylphthalate

Concen: 43.939 ng

RT: 21.45 min Scan# 3092

Delta R.T. 0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

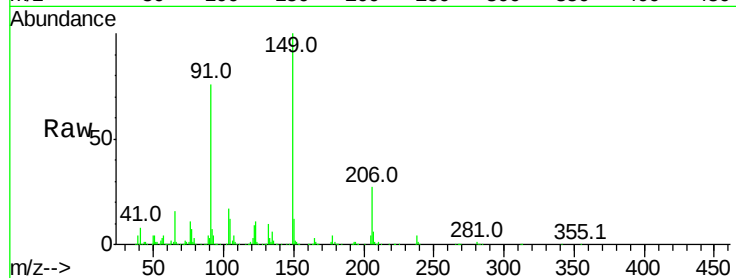
Tot Ion:149 Resp: 367536

Ion Ratio Lower Upper

149 100

91 76.3 62.2 93.2

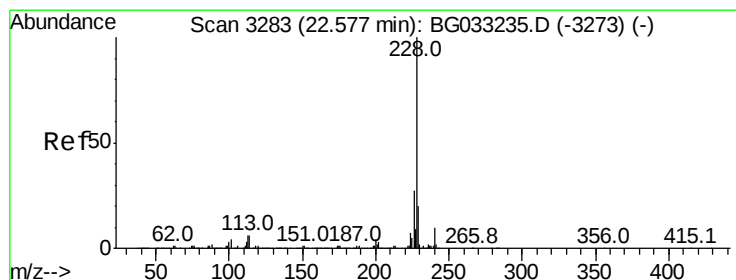
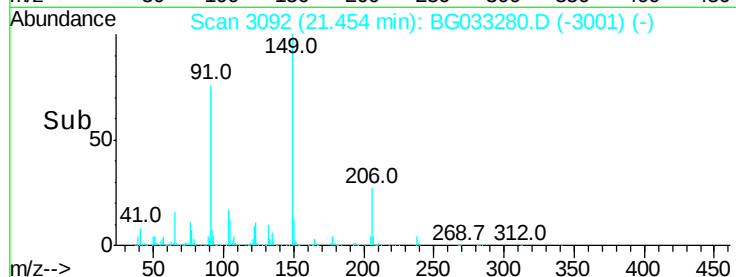
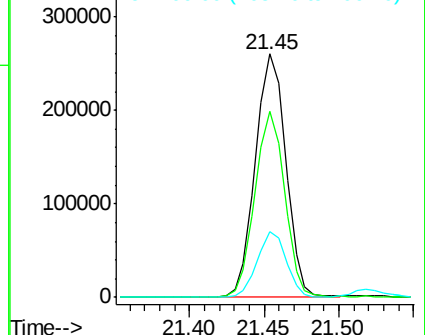
206 26.8 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.688 ng

RT: 22.58 min Scan# 3283

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

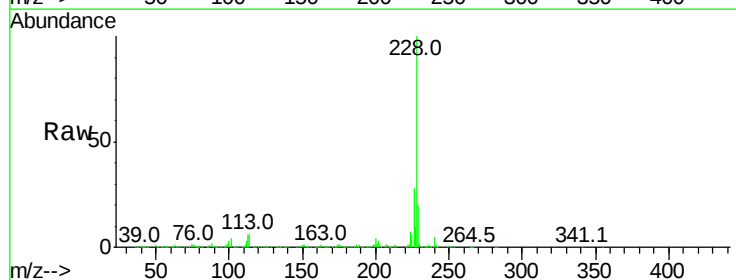
Tgt Ion:228 Resp: 967107

Ion Ratio Lower Upper

228 100

226 28.4 22.7 34.1

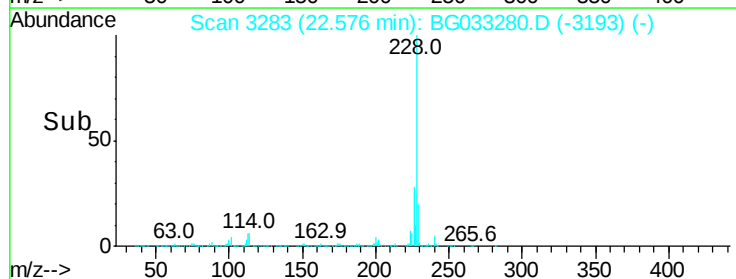
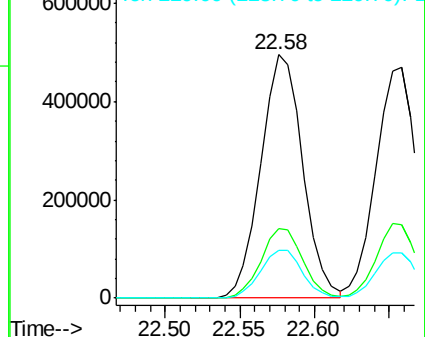
229 19.9 16.2 24.2

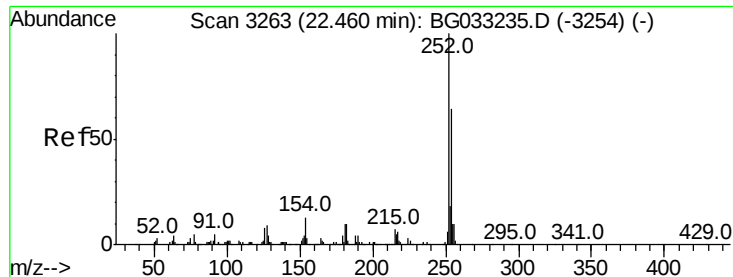


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

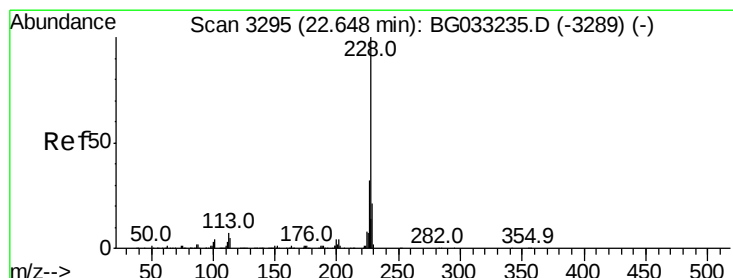
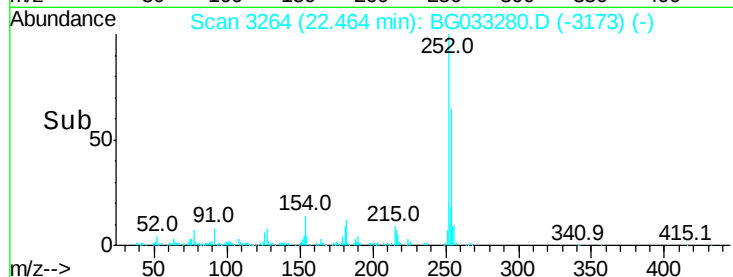
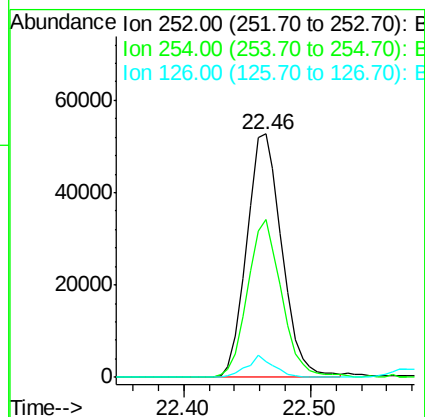
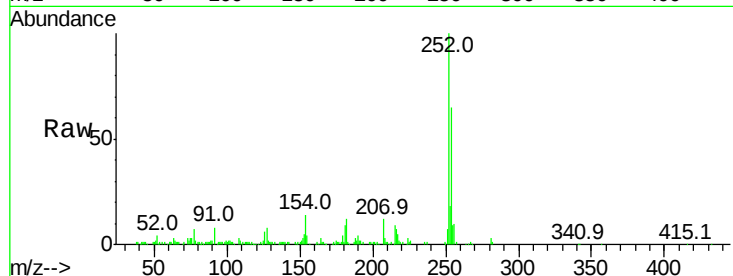




#81
 3,3'-Dichlorobenzidine
 Concen: 13.198 ng
 RT: 22.46 min Scan# 3264
 Delta R.T. 0.01 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

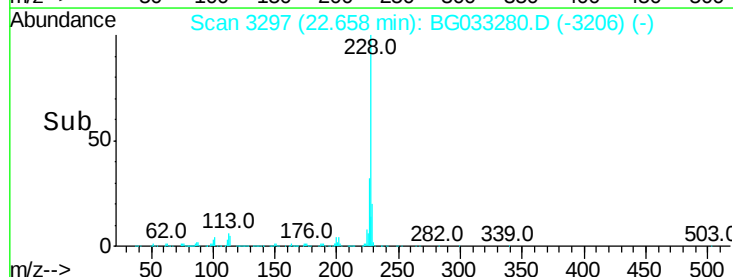
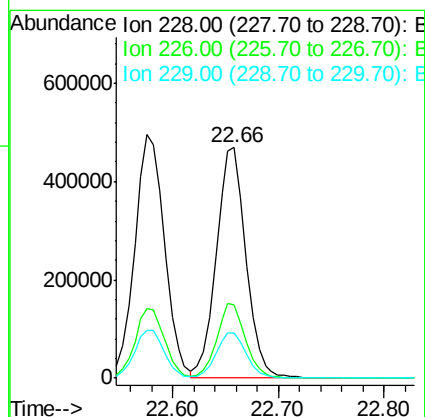
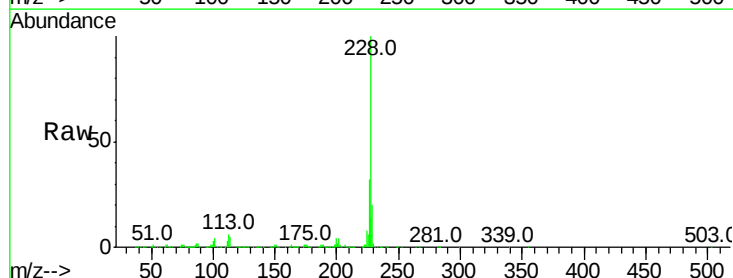
Instrument :
 BNA_G
 ClientSampleId :

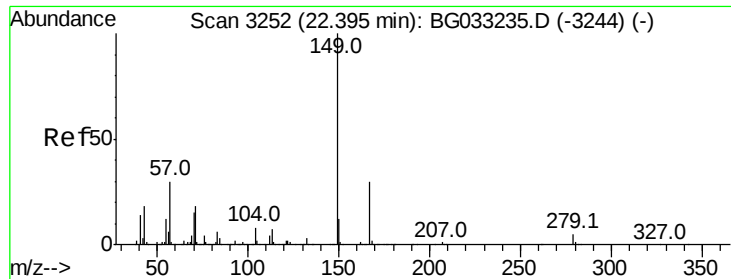
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.8	76.2
126	6.4	7.4	11.2#



#82
 Chrysene
 Concen: 43.574 ng
 RT: 22.66 min Scan# 3297
 Delta R.T. 0.01 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	19.8	15.0	22.4

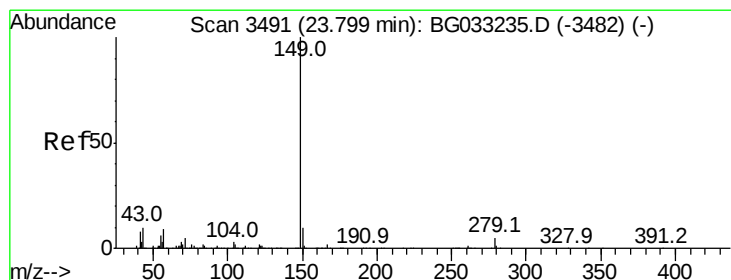
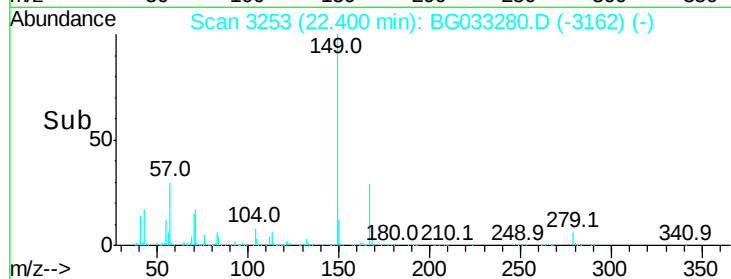
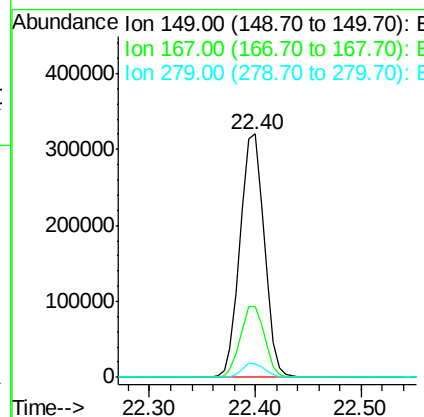
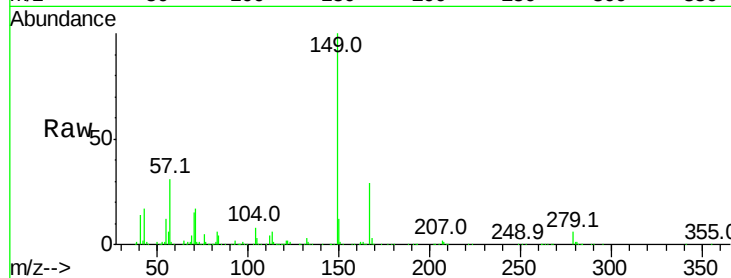




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.717 ng
 RT: 22.40 min Scan# 3253
 Delta R.T. 0.01 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

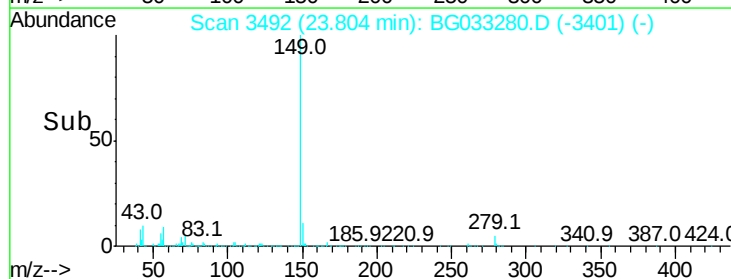
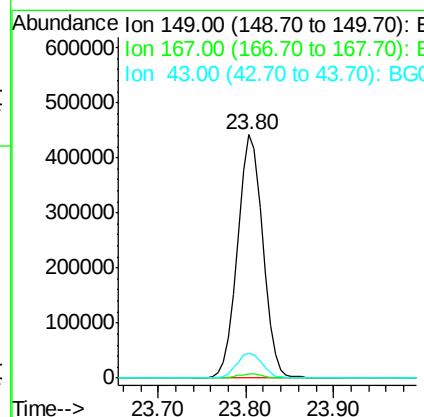
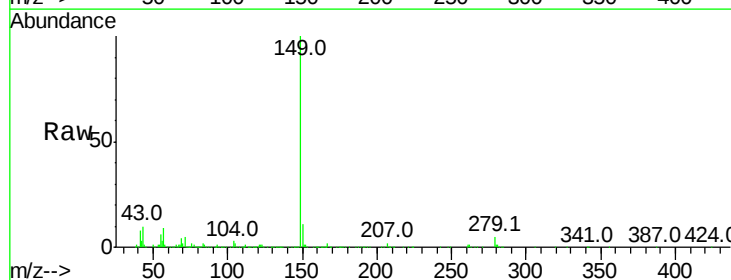
Instrument :
 BNA_G
 ClientSampleId :

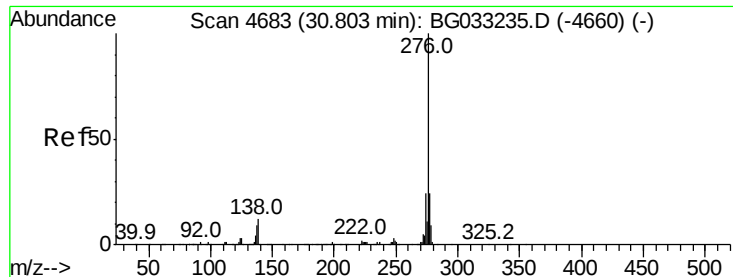
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.9	24.3	36.5
279	5.5	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 48.644 ng
 RT: 23.80 min Scan# 3492
 Delta R.T. 0.01 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.5	8.9	13.3

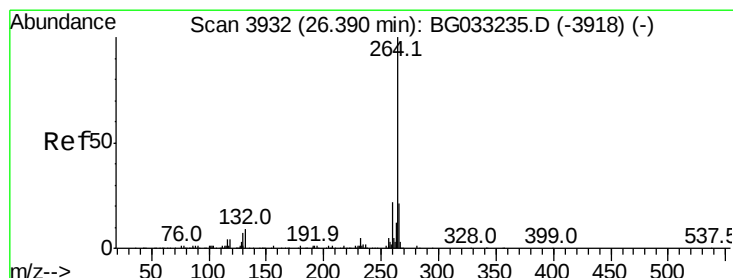
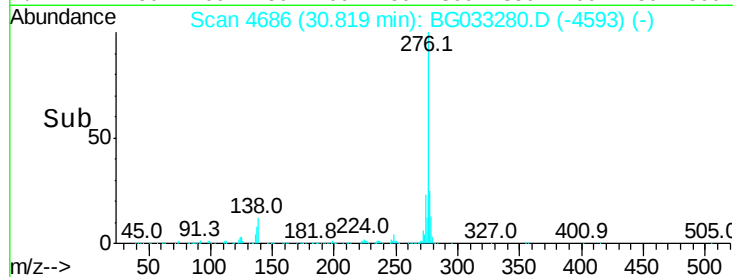
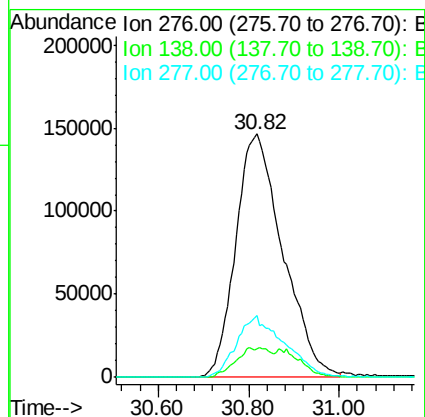
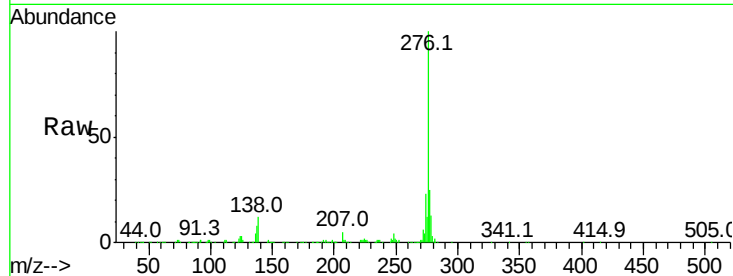




#85
Indeno(1,2,3-cd)pyrene
Concen: 46.553 ng
RT: 30.82 min Scan# 4686
Delta R.T. 0.02 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

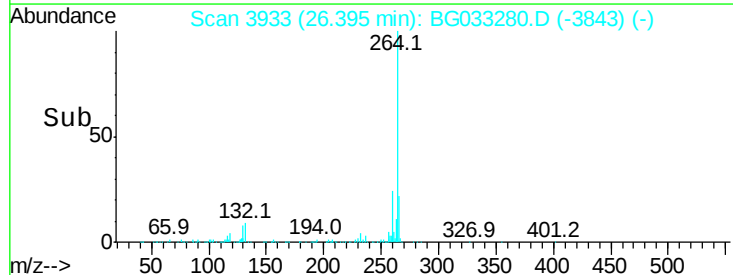
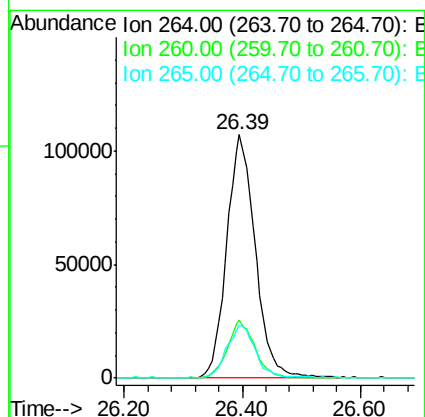
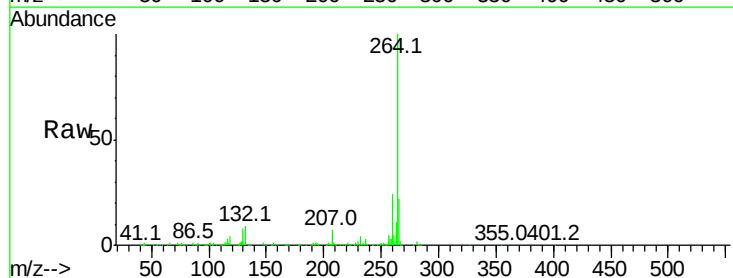
Instrument :
BNA_G
ClientSampleId :

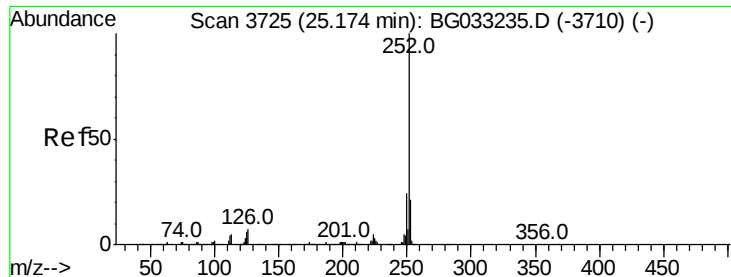
Tot Ion:276 Resp: 1054411
Ion Ratio Lower Upper
276 100
138 5.2 16.0 24.0#
277 25.9 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.39 min Scan# 3933
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion:264 Resp: 360932
Ion Ratio Lower Upper
264 100
260 23.9 17.4 26.0
265 22.0 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 44.045 ng

RT: 25.18 min Scan# 3726

Delta R.T. 0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

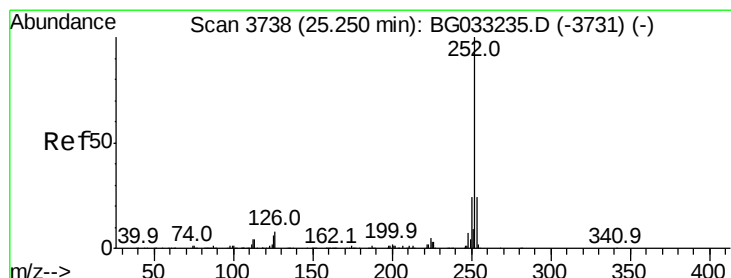
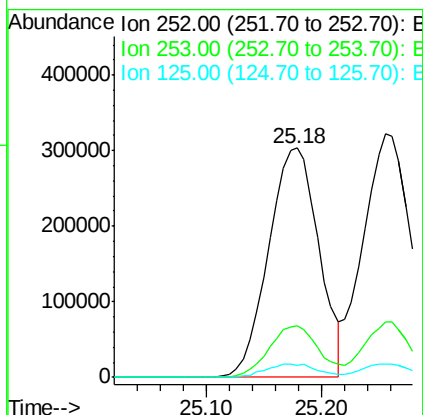
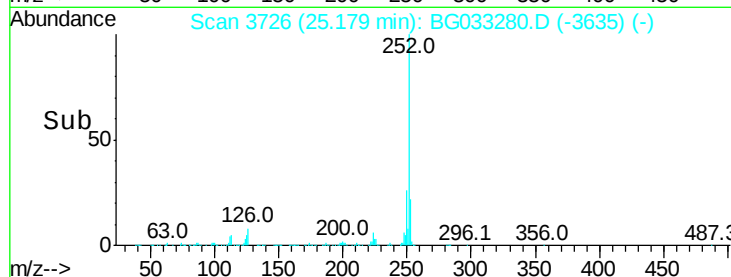
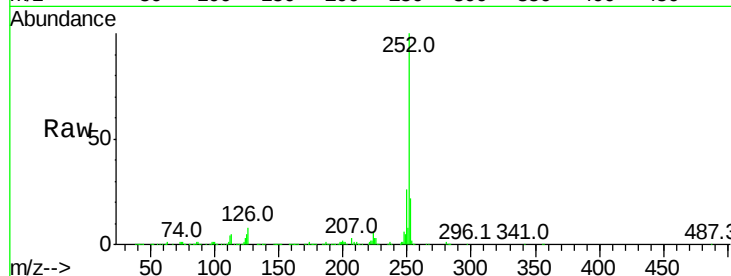
Tot Ion:252 Resp: 918453

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

125 5.5 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 44.712 ng

RT: 25.26 min Scan# 3739

Delta R.T. 0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

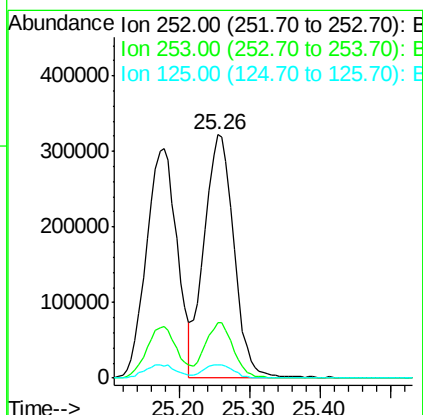
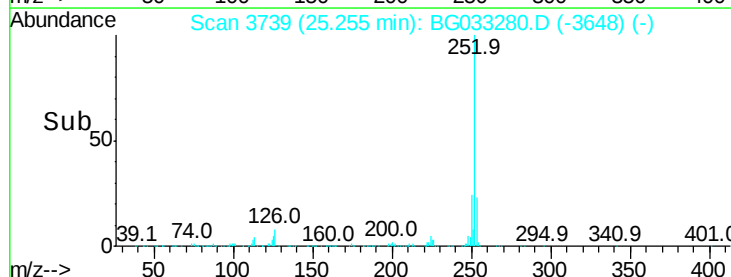
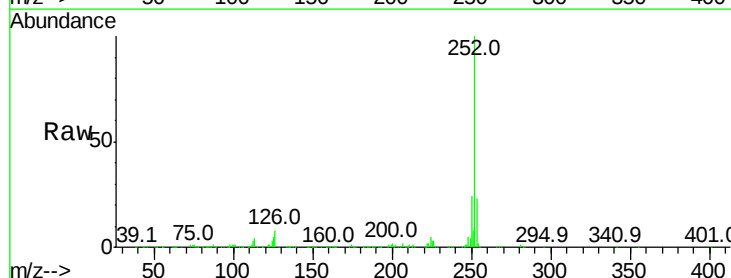
Tgt Ion:252 Resp: 942990

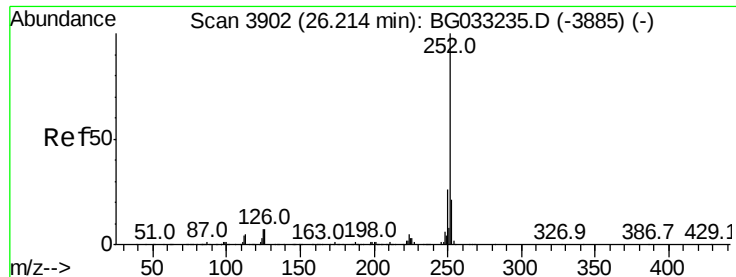
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

125 5.4 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 45.451 ng

RT: 26.21 min Scan# 3902

Delta R.T. 0.01 min

Lab File: BG033280.D

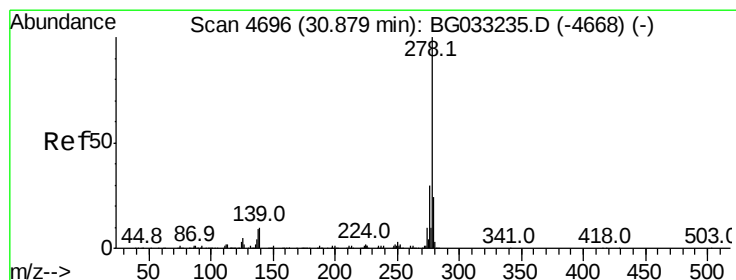
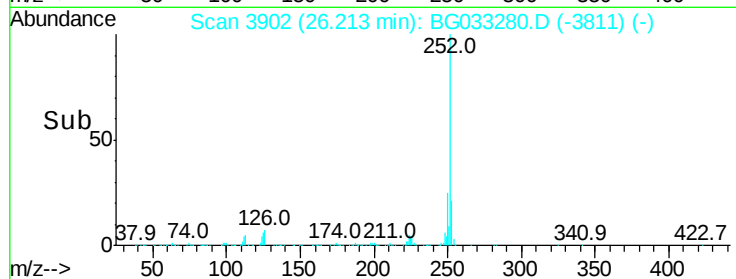
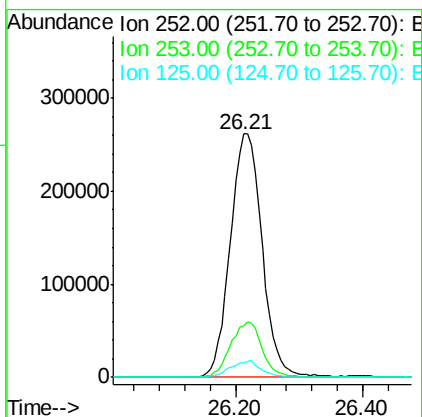
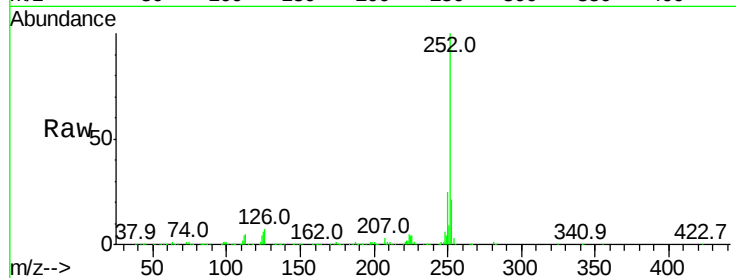
Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	910187
Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.3	27.5
125	6.1	7.3	10.9#



#90

Dibenzo(a,h)anthracene

Concen: 46.752 ng

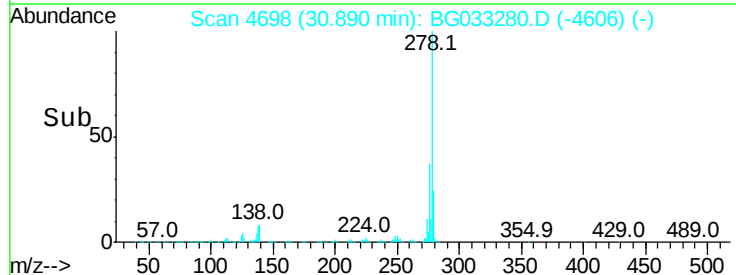
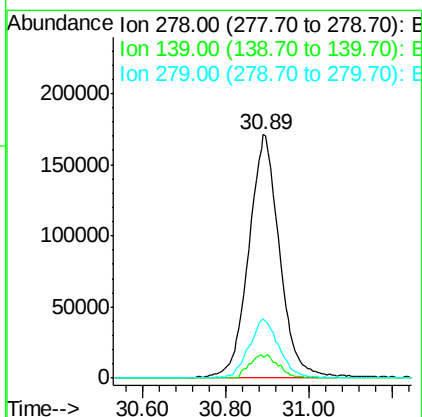
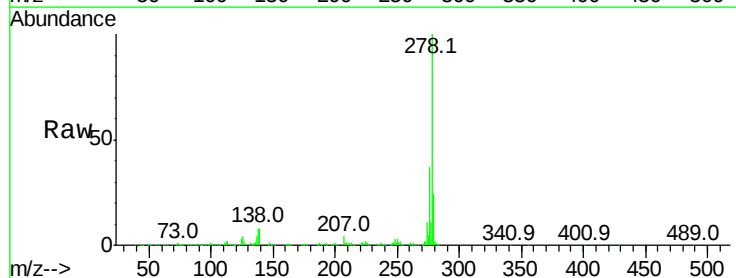
RT: 30.89 min Scan# 4698

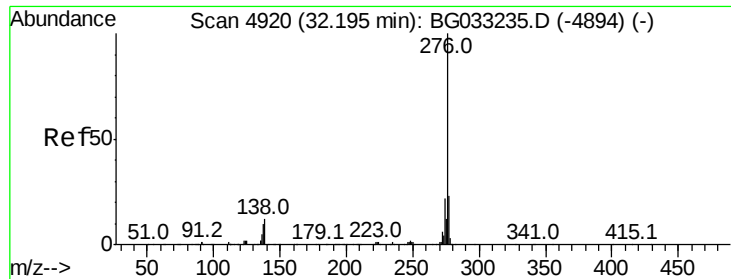
Delta R.T. 0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Tgt Ion:	278	Resp:	881900
Ion	Ratio	Lower	Upper
278	100		
139	8.3	9.8	14.6#
279	24.2	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 46.819 ng
 RT: 32.21 min Scan# 4922
 Delta R.T. 0.01 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.3	27.5
138	13.3	13.9	20.9

