

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
 Data File : BG033781.D
 Acq On : 12 Apr 2018 20:33
 Operator : SJ/JU
 Sample : J2307-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 13 02:22:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	64812	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	279393	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	216664	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	564043	20.00	ng	0.00
75) Chrysene-d12	22.55	240	592762	20.00	ng	0.00
86) Perylene-d12	26.31	264	633392	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.28	112	251611	72.80	ng	0.00
7) Phenol-d6	7.97	99	364509	61.38	ng	0.00
23) Nitrobenzene-d5	10.06	82	281470	46.29	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	203847	62.91	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	638608	42.55	ng	0.00
78) Terphenyl-d14	20.72	244	1259571	45.44	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.93	88	32043	18.255	ng	# 82
3) Pyridine	4.40	79	68499	14.117	ng	96
4) n-Nitrosodimethylamine	4.30	42	45097	22.647	ng	# 75
6) Aniline	8.16	93	36232	5.188	ng	91
8) 2-Chlorophenol	8.40	128	94949	24.029	ng	94
9) Benzaldehyde	7.97	77	22805	6.042	ng	87
10) Phenol	7.99	94	123651	21.088	ng	85
11) bis(2-Chloroethyl)ether	8.24	93	94035	19.648	ng	97
12) 1,3-Dichlorobenzene	8.74	146	103842	20.101	ng	95
13) 1,4-Dichlorobenzene	8.89	146	101556	19.629	ng	100
14) 1,2-Dichlorobenzene	9.22	146	102980	20.394	ng	97
15) Benzyl Alcohol	9.09	79	105814	22.630	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.38	45	184165	23.604	ng	93
17) 2-Methylphenol	9.63	107	118636	29.701	ng	85
18) Hexachloroethane	9.97	117	40718	20.391	ng	94
19) n-Nitroso-di-n-propylamine	9.66	70	95012	21.833	ng	97
20) 3+4-Methylphenols	9.63	107	118636	20.860	ng	92
22) Acetophenone	9.70	105	166718	21.781	ng	# 95
24) Nitrobenzene	10.10	77	140057	21.517	ng	89
25) Isophorone	10.61	82	240210	20.352	ng	98
26) 2-Nitrophenol	10.83	139	55497	22.520	ng	# 88
27) 2,4-Dimethylphenol	10.86	122	84562	23.621	ng	89
28) bis(2-Chloroethoxy)methane	11.10	93	127704	21.686	ng	98
29) 2,4-Dichlorophenol	11.37	162	104519	23.741	ng	96
30) 1,2,4-Trichlorobenzene	11.59	180	110588	19.334	ng	95
31) Naphthalene	11.79	128	310459	21.443	ng	98
32) Benzoic acid	11.00	122	46448	13.957	ng	# 82
34) Hexachlorobutadiene	12.05	225	85401	19.743	ng	98
35) Caprolactam	12.62	113	31506	18.267	ng	# 83
36) 4-Chloro-3-methylphenol	12.95	107	134432	23.412	ng	96
37) 2-Methylnaphthalene	13.55	142	216167	19.236	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	147731	18.824	ng	98
40) Hexachlorocyclopentadiene	13.66	237	163140	35.459	ng	95
42) 2,4,6-Trichlorophenol	13.92	196	98932	21.697	ng	93

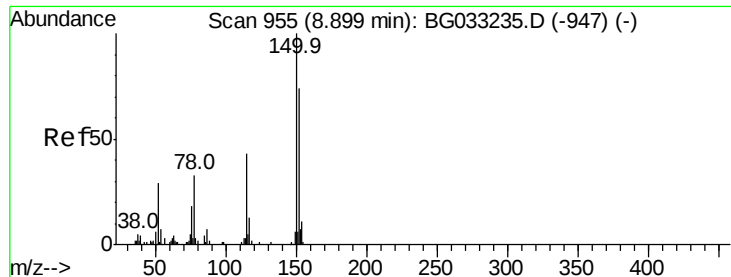
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	14.01	196	102530	19.023	ng	97
45) 1,1'-Biphenyl	14.32	154	335375	20.148	ng	95
46) 2-Chloronaphthalene	14.37	162	261249	20.355	ng	93
47) 2-Nitroaniline	14.56	65	104176	21.670	ng	96
48) Acenaphthylene	15.20	152	435102	20.309	ng	99
49) Dimethylphthalate	14.90	163	385042	20.421	ng	99
50) 2,6-Dinitrotoluene	15.03	165	83844	21.747	ng	98
51) Acenaphthene	15.54	154	313625	22.709	ng	97
52) 3-Nitroaniline	15.39	138	12342	3.053	ng #	93
53) 2,4-Dinitrophenol	15.57	184	90202	48.505	ng #	79
54) Dibenzofuran	15.87	168	427828	20.972	ng	94
55) 4-Nitrophenol	15.66	139	117028	41.174	ng #	88
56) 2,4-Dinitrotoluene	15.81	165	120809	21.281	ng	94
57) Fluorene	16.51	166	349007	20.082	ng	96
58) 2,3,4,6-Tetrachlorophenol	16.08	232	110957	21.868	ng	96
59) Diethylphthalate	16.24	149	382782	20.906	ng	99
60) 4-Chlorophenyl-phenylether	16.48	204	205986	20.619	ng	97
61) 4-Nitroaniline	16.53	138	49429	12.076	ng	79
62) Azobenzene	16.78	77	385803	21.752	ng	98
64) 4,6-Dinitro-2-methylphenol	16.57	198	76256	22.599	ng	98
65) n-Nitrosodiphenylamine	16.70	169	328341	20.391	ng	98
66) 4-Bromophenyl-phenylether	17.38	248	140140	21.156	ng	94
67) Hexachlorobenzene	17.51	284	143955	20.592	ng	95
68) Atrazine	17.61	200	97400	14.927	ng	97
69) Pentachlorophenol	17.85	266	177490	36.991	ng	98
70) Phenanthrene	18.25	178	611673	20.823	ng	99
71) Anthracene	18.34	178	599833	20.167	ng	100
72) Carbazole	18.59	167	567573	21.534	ng	97
73) Di-n-butylphthalate	19.09	149	683499	22.280	ng #	99
74) Fluoranthene	20.20	202	755508	20.783	ng	98
77) Pyrene	20.56	202	790323	19.991	ng	99
79) Butylbenzylphthalate	21.41	149	308852	21.170	ng	99
80) Benzo(a)anthracene	22.53	228	742128	19.662	ng	99
82) Chrysene	22.61	228	727662	19.916	ng	98
83) Bis(2-ethylhexyl)phthalate	22.35	149	427308	21.248	ng	99
84) Di-n-octyl phthalate	23.73	149	732997	23.805	ng	100
85) Indeno(1,2,3-cd)pyrene	30.67	276	830366	21.020	ng #	85
87) Benzo(b)fluoranthene	25.10	252	715636	19.556	ng #	96
88) Benzo(k)fluoranthene	25.18	252	753647	20.363	ng #	98
89) Benzo(a)pyrene	26.13	252	698635	19.880	ng #	97
90) Dibenzo(a,h)anthracene	30.75	278	692720	20.926	ng	98
91) Benzo(g,h,i)perylene	32.05	276	651797	19.884	ng #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 948

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampled :

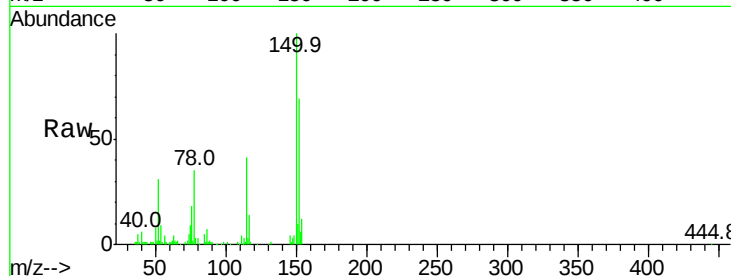
Tot Ion:152 Resp: 64812

Ion Ratio Lower Upper

152 100

150 144.4 126.6 189.8

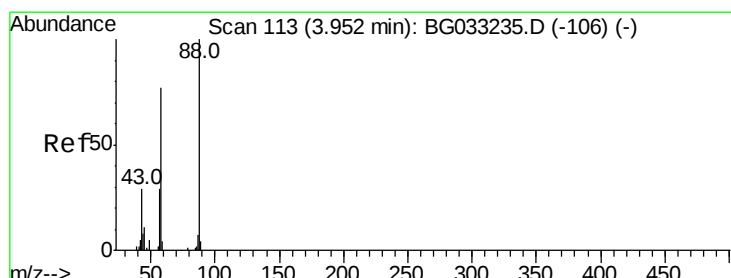
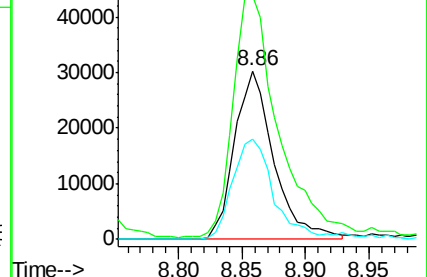
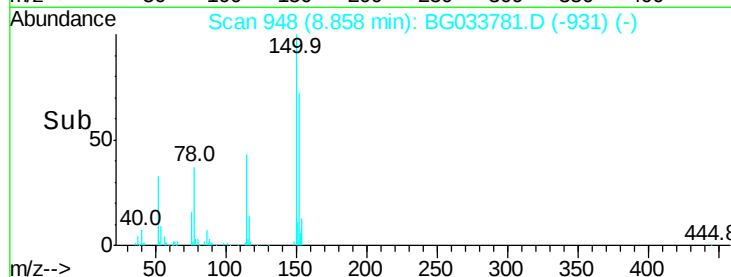
115 59.8 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 18.255 ng

RT: 3.93 min Scan# 109

Delta R.T. 0.01 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

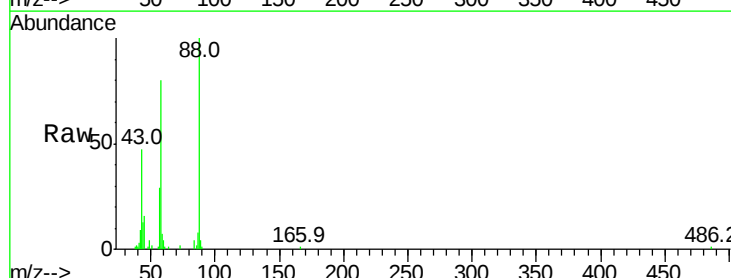
Tgt Ion: 88 Resp: 32043

Ion Ratio Lower Upper

88 100

58 83.5 79.6 119.4

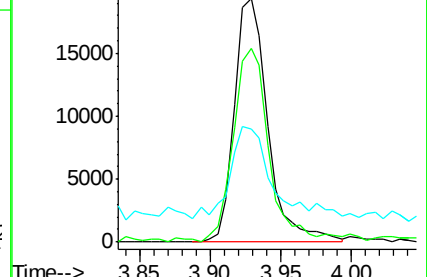
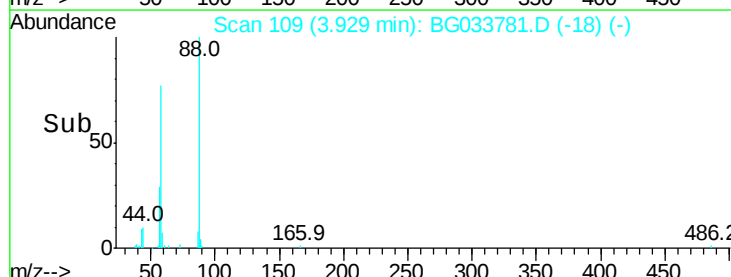
43 48.2 27.4 41.0#

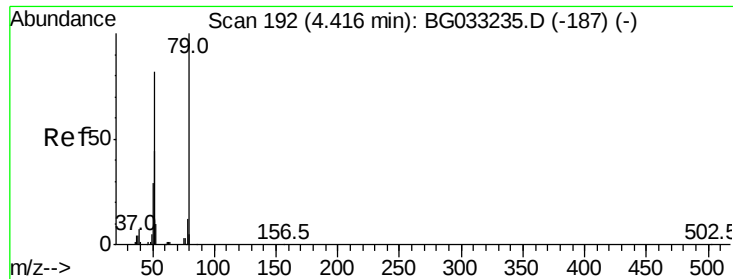


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 14.117 ng

RT: 4.40 min Scan# 189

Delta R.T. 0.01 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampleId :

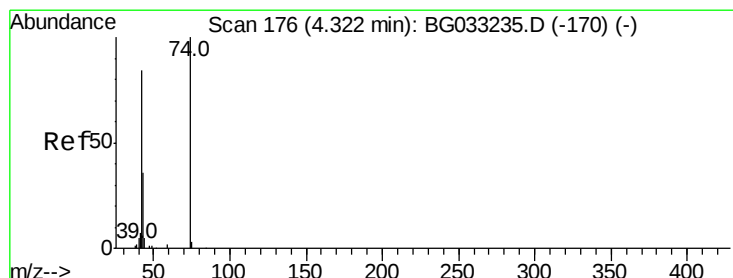
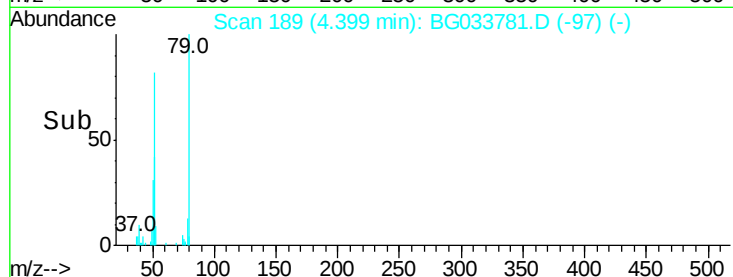
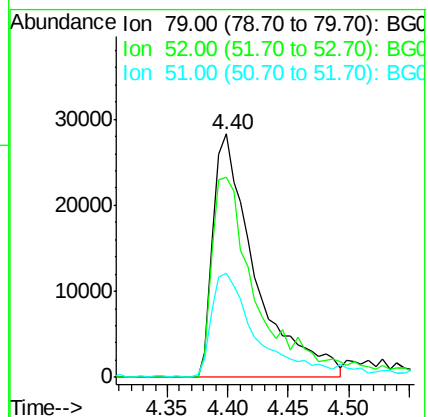
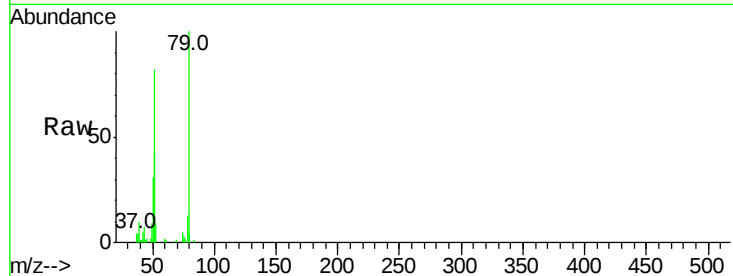
Tot Ion: 79 Resp: 68499

Ion Ratio Lower Upper

79 100

52 82.2 69.9 104.9

51 42.7 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 22.647 ng

RT: 4.30 min Scan# 173

Delta R.T. 0.01 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

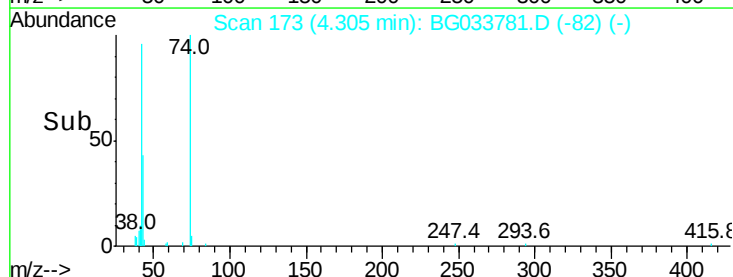
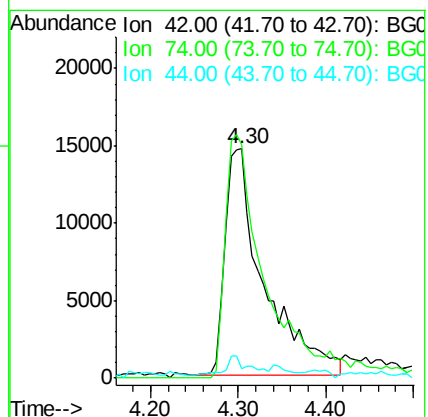
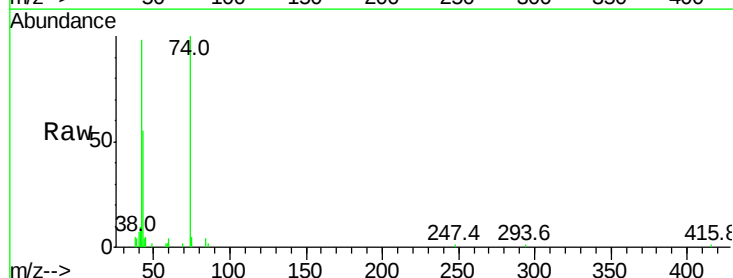
Tgt Ion: 42 Resp: 45097

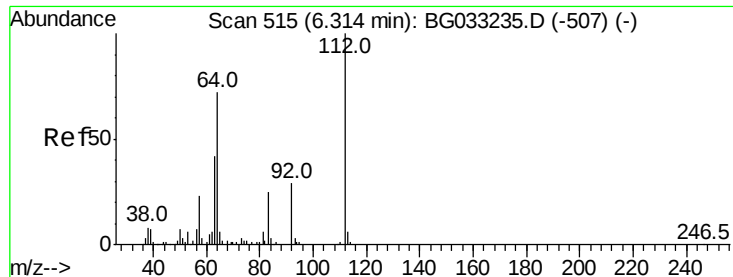
Ion Ratio Lower Upper

42 100

74 102.0 102.5 153.7#

44 4.3 18.9 28.3#





#5

2-Fluorophenol

Concen: 72.795 ng

RT: 6.28 min Scan# 509

Delta R.T. -0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampleId :

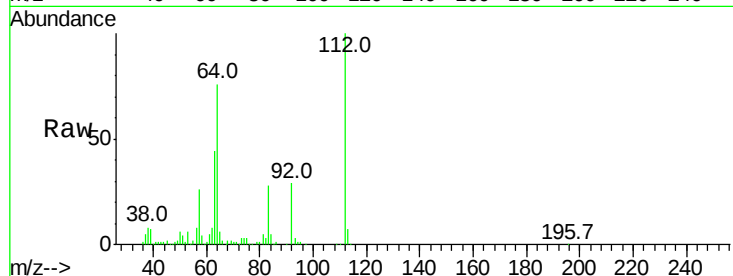
Tot Ion:112 Resp: 251611

Ion Ratio Lower Upper

112 100

64 76.3 56.3 84.5

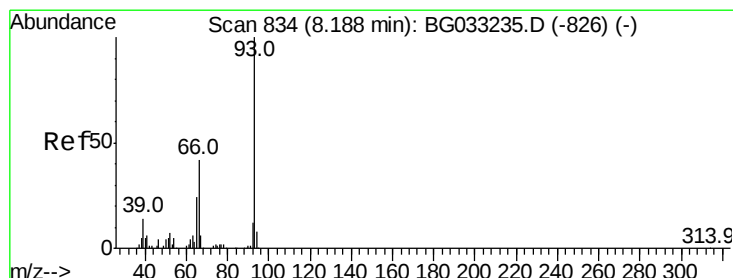
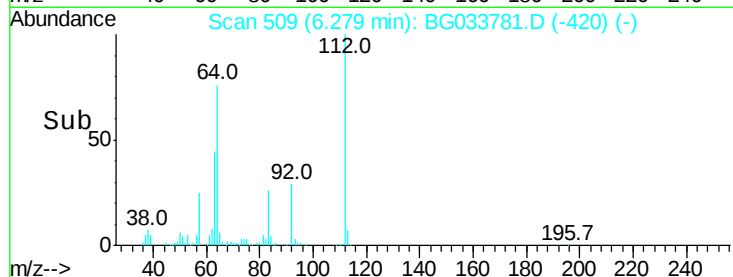
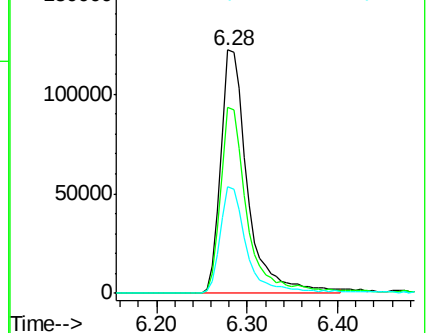
63 44.0 30.1 45.1



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: 5.188 ng

RT: 8.16 min Scan# 829

Delta R.T. 0.01 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

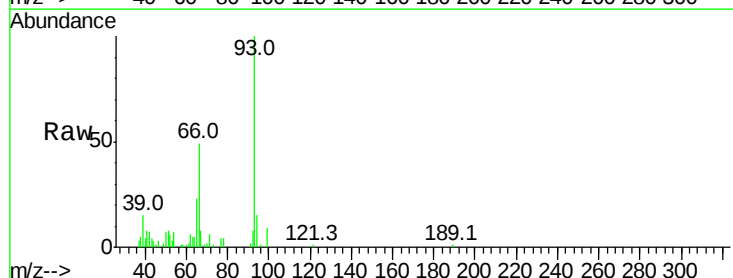
Tgt Ion: 93 Resp: 36232

Ion Ratio Lower Upper

93 100

66 48.6 33.7 50.5

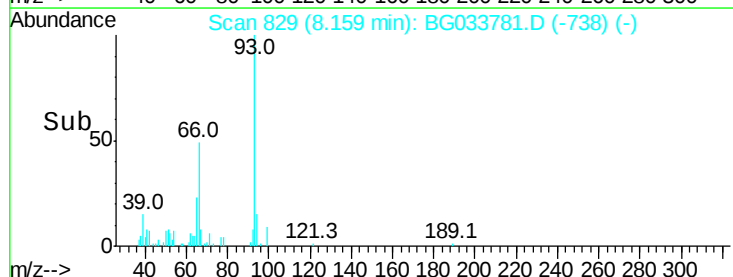
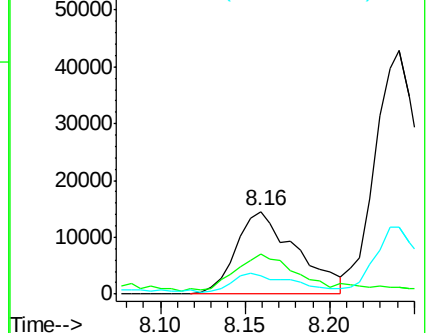
65 22.5 16.1 24.1

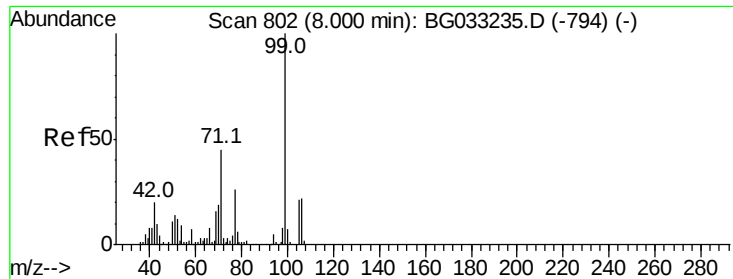


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 61.377 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampleId :

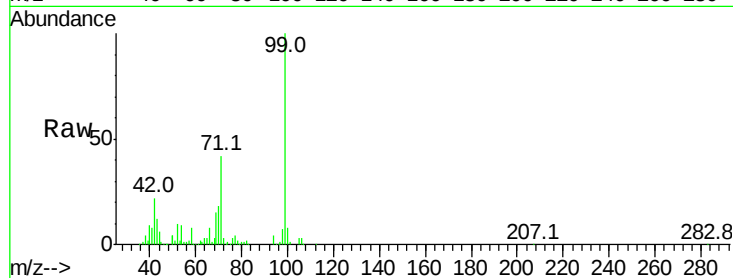
Tot Ion: 99 Resp: 364509

Ion Ratio Lower Upper

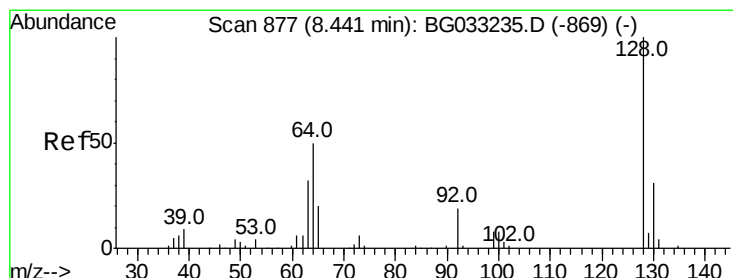
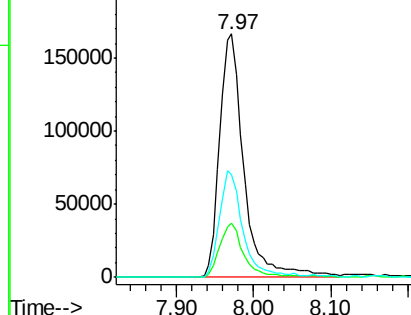
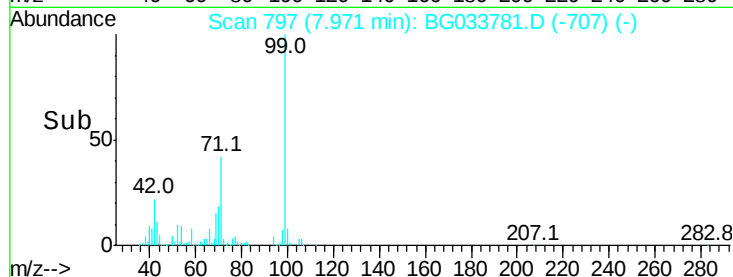
99 100

42 22.2 14.1 21.1#

71 42.4 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: 24.029 ng

RT: 8.40 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

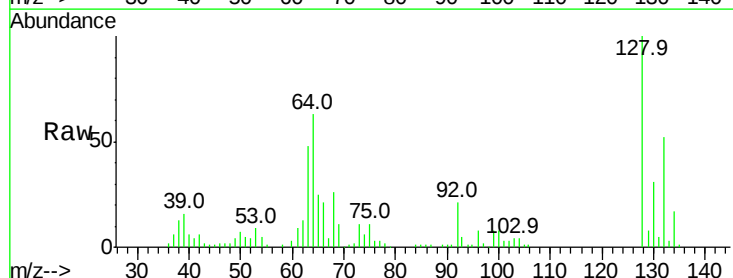
Tgt Ion: 128 Resp: 94949

Ion Ratio Lower Upper

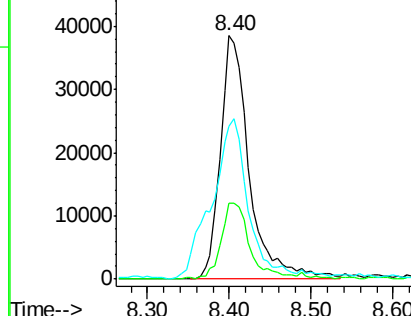
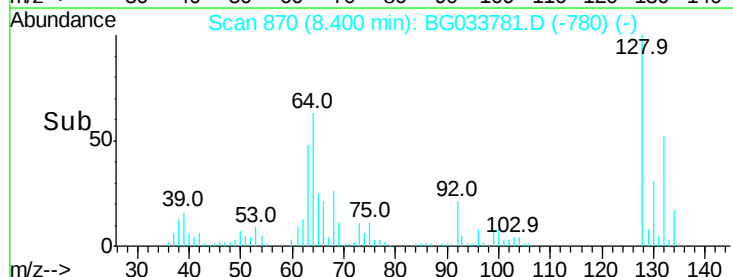
128 100

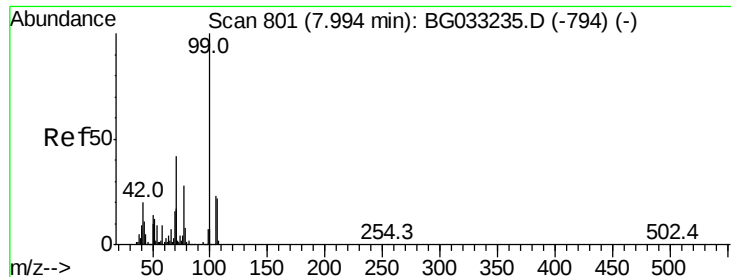
130 31.2 14.0 54.0

64 62.9 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: 6.042 ng

RT: 7.97 min Scan# 796

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampleId :

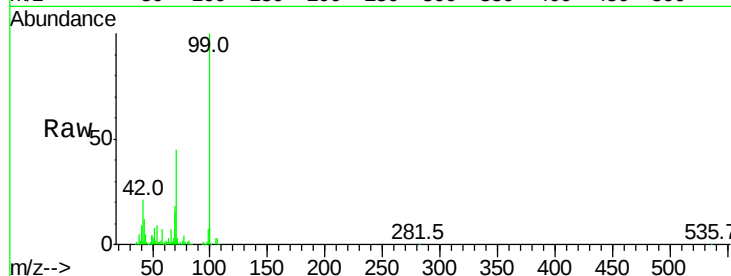
Tot Ion: 77 Resp: 22805

Ion Ratio Lower Upper

77 100

105 73.6 71.3 111.3

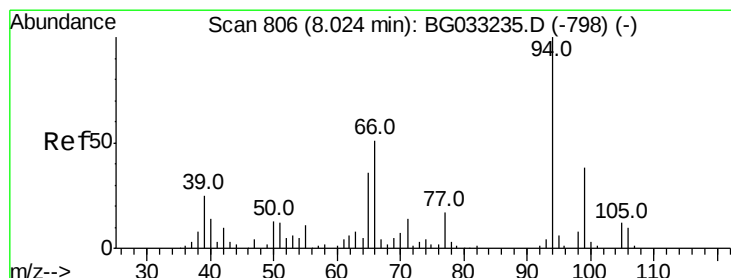
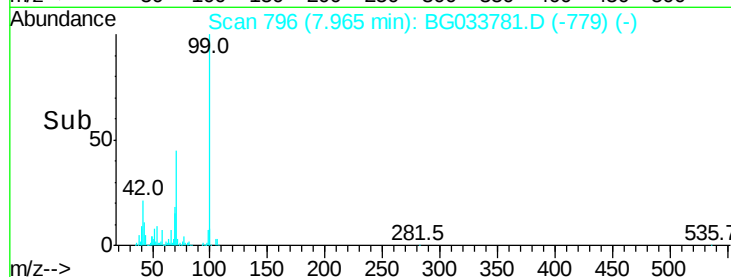
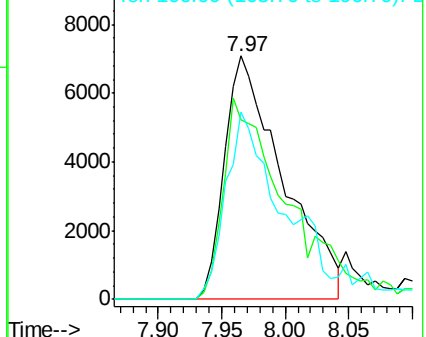
106 77.1 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 21.088 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

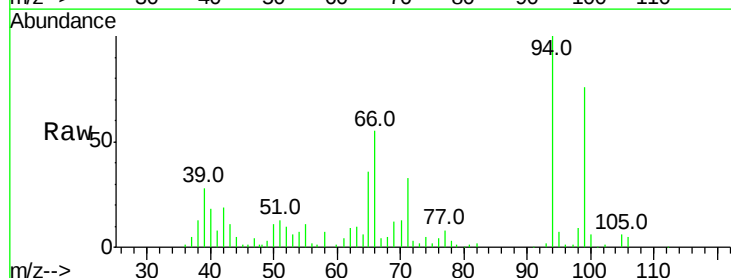
Tgt Ion: 94 Resp: 123651

Ion Ratio Lower Upper

94 100

65 35.9 11.9 51.9

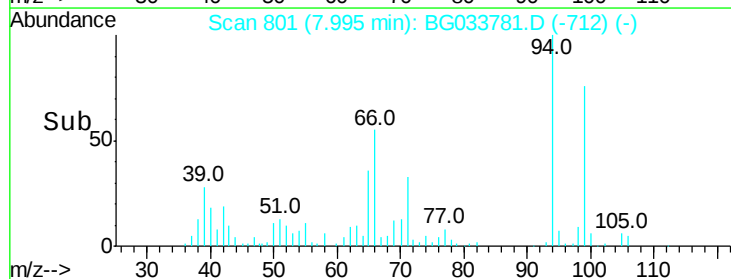
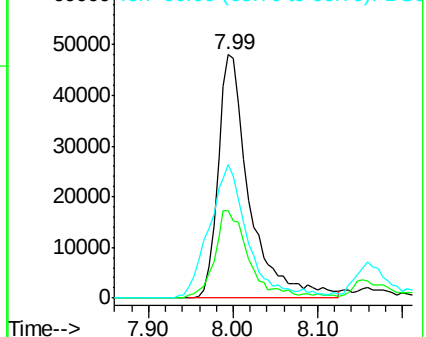
66 54.9 22.2 62.2

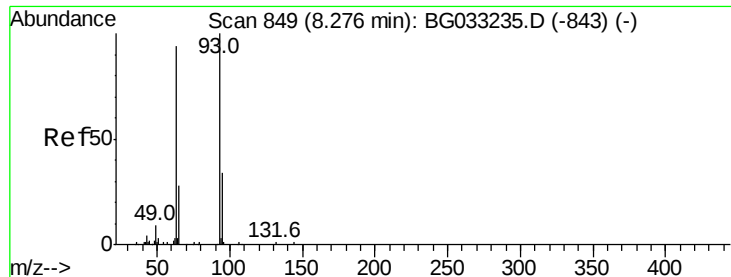


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 19.648 ng

RT: 8.24 min Scan# 843

Delta R.T. 0.01 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampleId :

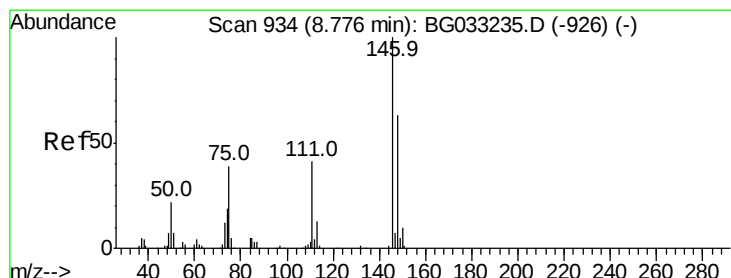
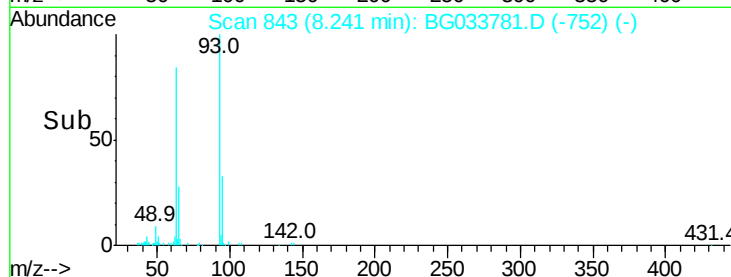
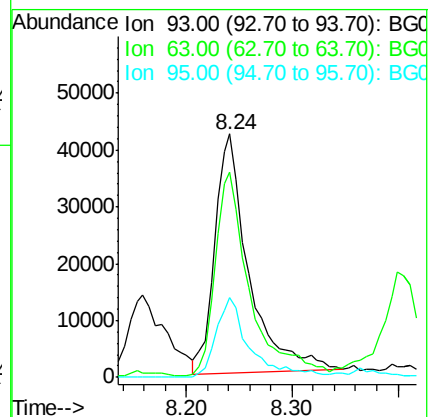
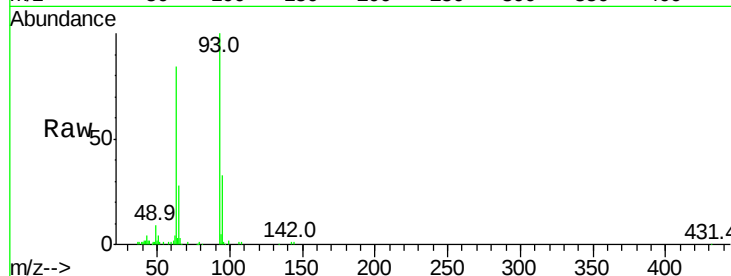
Tot Ion: 93 Resp: 94035

Ion Ratio Lower Upper

93 100

63 84.3 67.1 107.1

95 32.8 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 20.101 ng

RT: 8.74 min Scan# 928

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

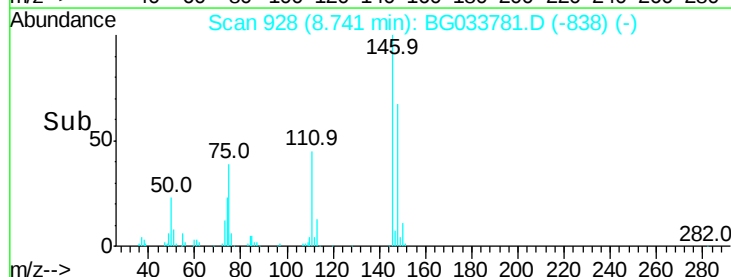
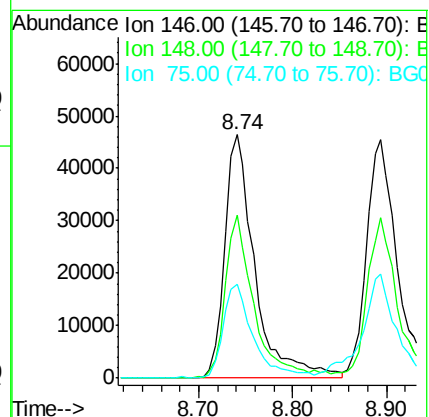
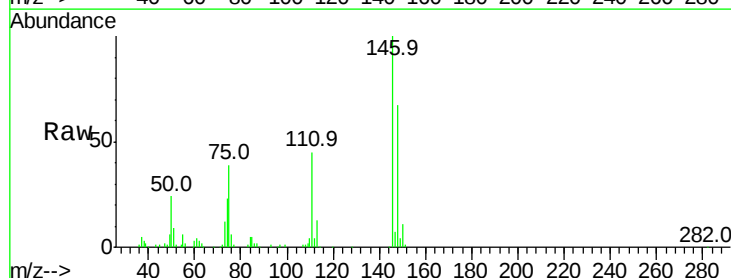
Tgt Ion: 146 Resp: 103842

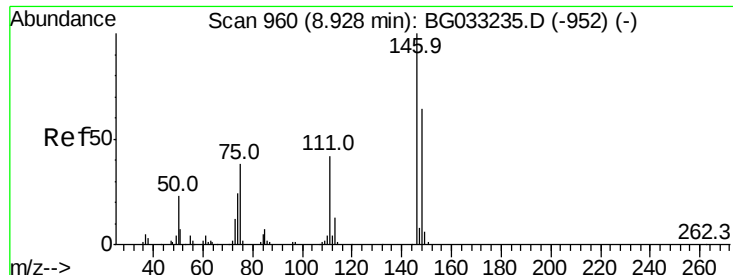
Ion Ratio Lower Upper

146 100

148 66.7 51.4 77.2

75 38.8 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 19.629 ng

RT: 8.89 min Scan# 954

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampleId :

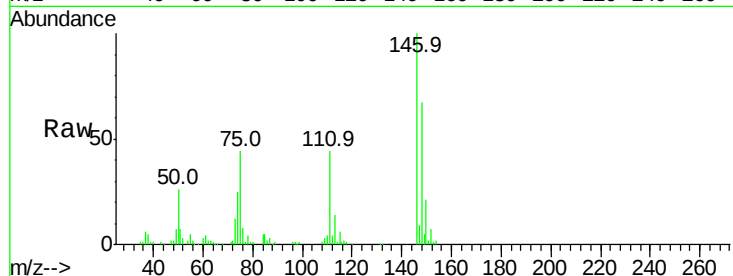
Tot Ion:146 Resp: 101556

Ion Ratio Lower Upper

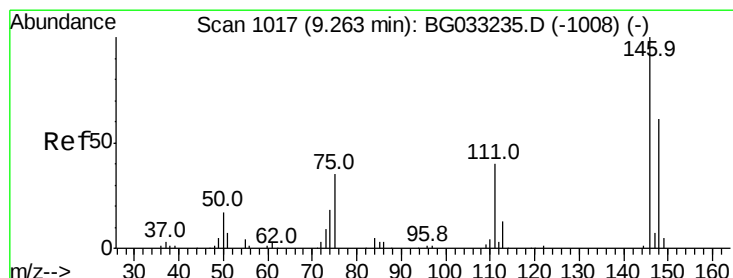
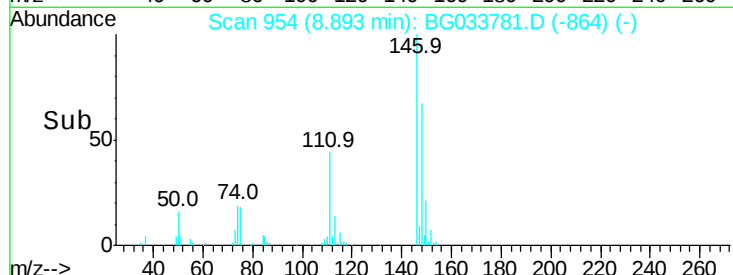
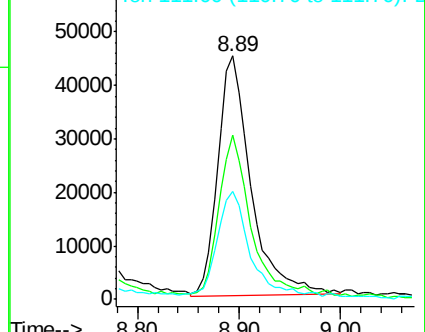
146 100

148 67.4 53.7 80.5

111 44.1 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 20.394 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

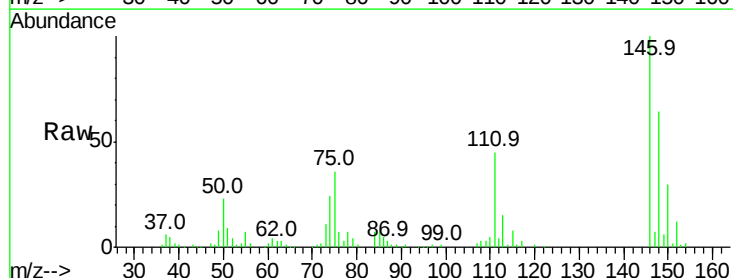
Tgt Ion:146 Resp: 102980

Ion Ratio Lower Upper

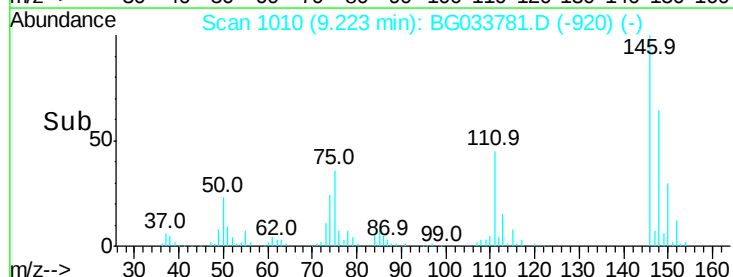
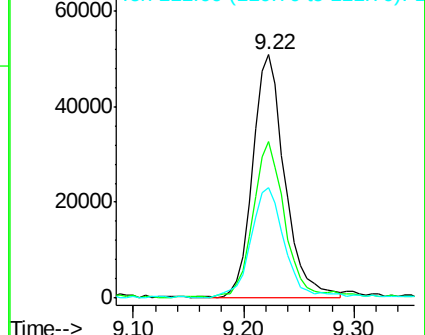
146 100

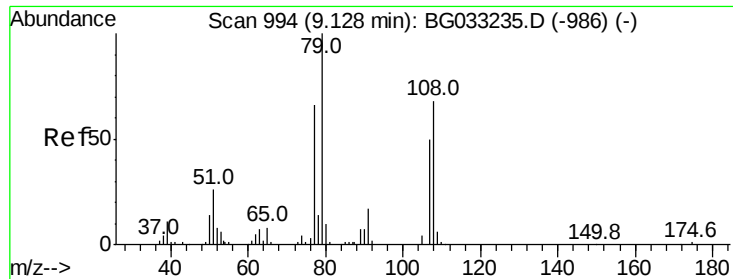
148 64.1 49.3 73.9

111 45.3 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 22.630 ng

RT: 9.09 min Scan# 988

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampleId :

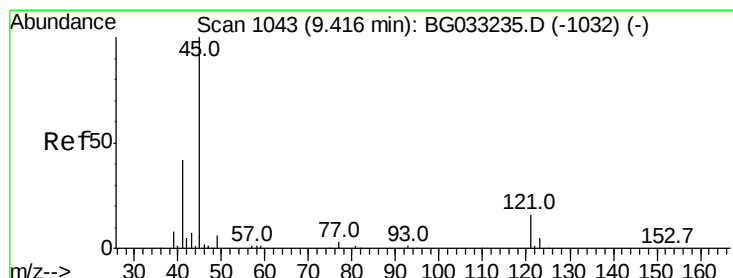
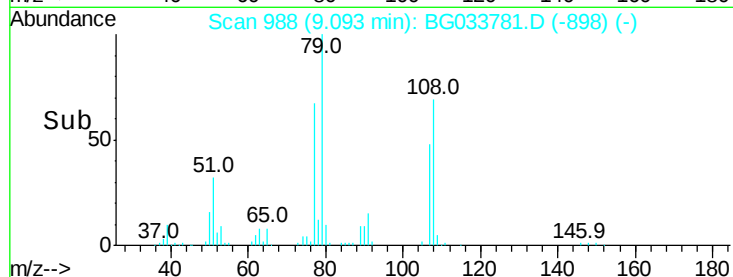
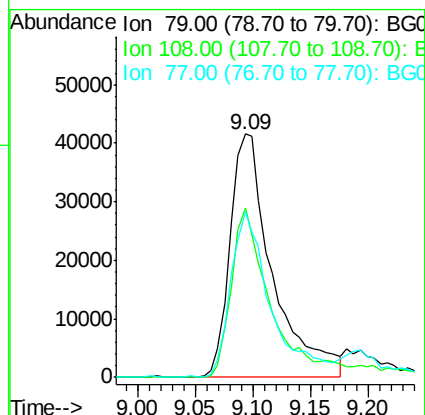
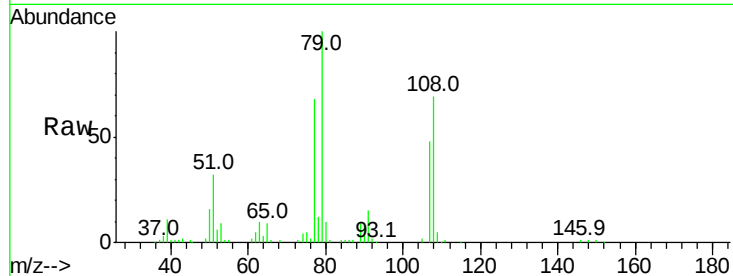
Tot Ion: 79 Resp: 105814

Ion Ratio Lower Upper

79 100

108 69.4 57.2 85.8

77 68.0 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.604 ng

RT: 9.38 min Scan# 1036

Delta R.T. 0.01 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

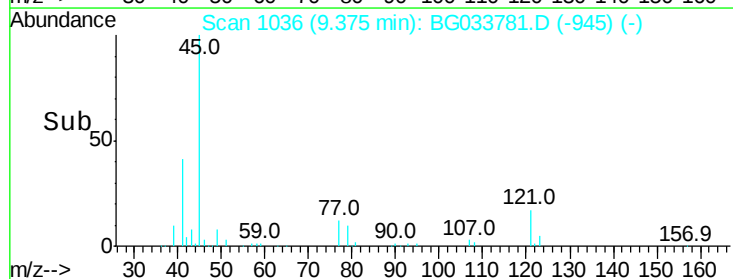
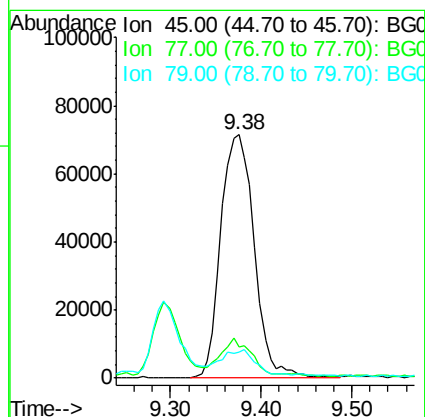
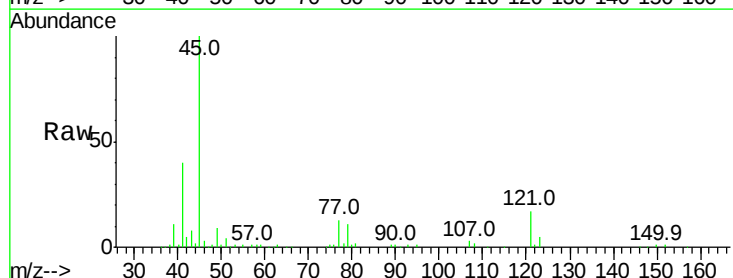
Tgt Ion: 45 Resp: 184165

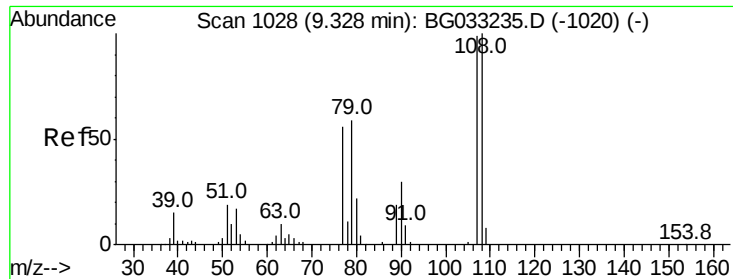
Ion Ratio Lower Upper

45 100

77 12.7 0.0 30.2

79 10.6 0.0 27.9

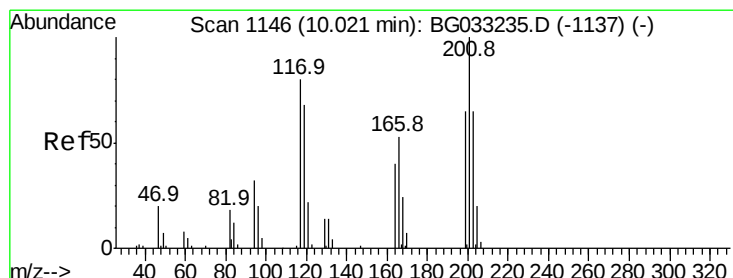
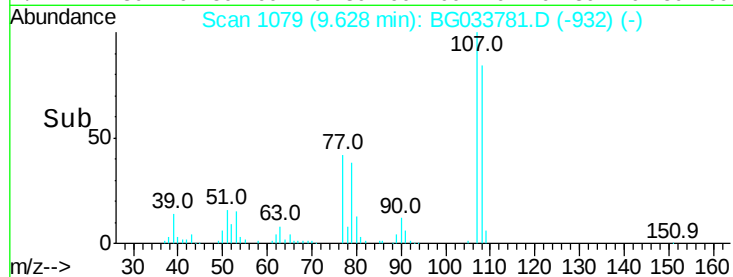
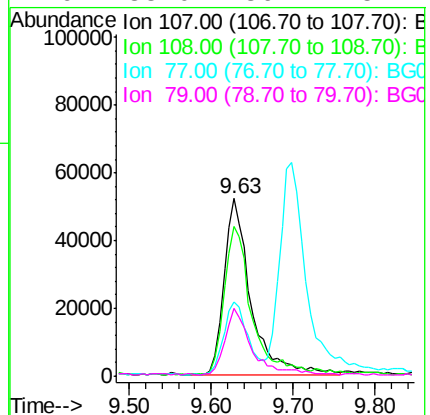
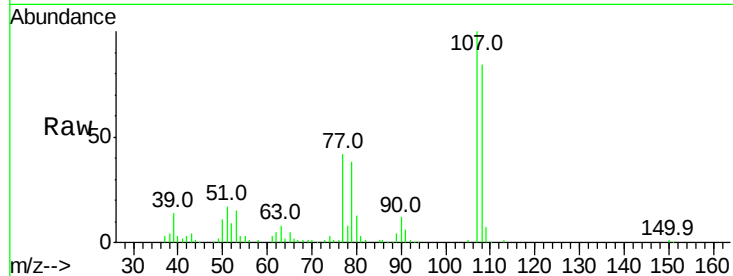




#17
2-Methylphenol
Concen: 29.701 ng
RT: 9.63 min Scan# 1079
Delta R.T. 0.34 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

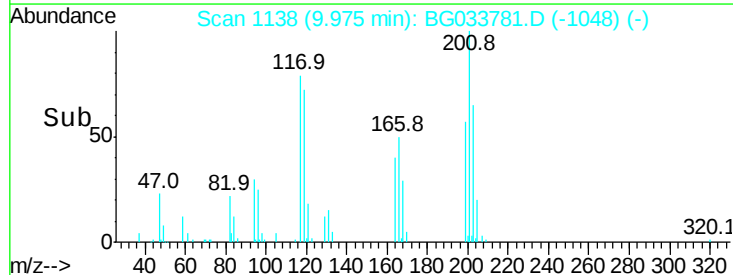
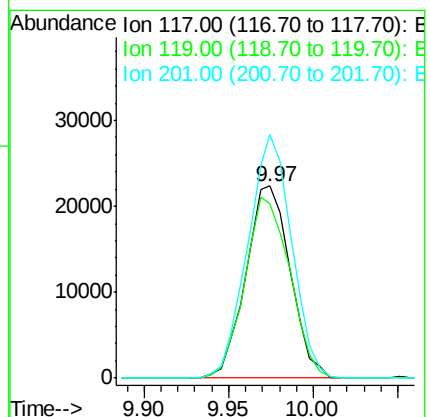
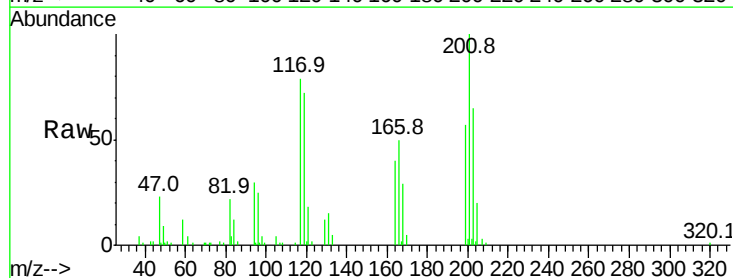
Instrument :
BNA_G
ClientSampled :

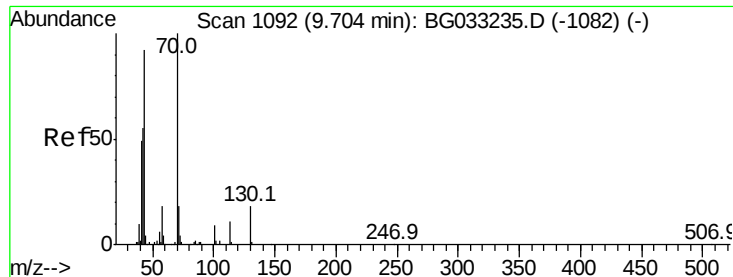
Tot Ion:	107	Resp:	118636
Ion	Ratio	Lower	Upper
107	100		
108	84.1	83.9	125.9
77	42.1	37.2	55.8
79	38.0	36.2	54.2



#18
Hexachloroethane
Concen: 20.391 ng
RT: 9.97 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

Tgt Ion:	117	Resp:	40718
Ion	Ratio	Lower	Upper
117	100		
119	90.9	76.7	115.1
201	126.8	95.7	143.5





#19

n-Nitroso-di-n-propylamine

Concen: 21.833 ng

RT: 9.66 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BG033781.D

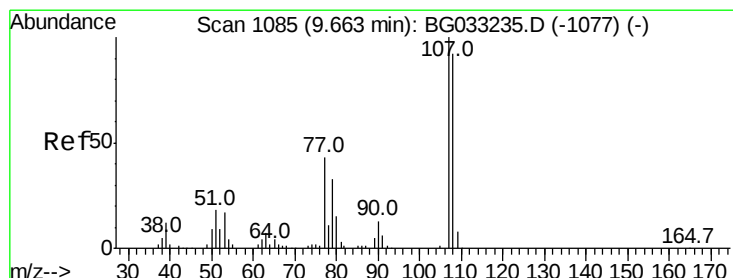
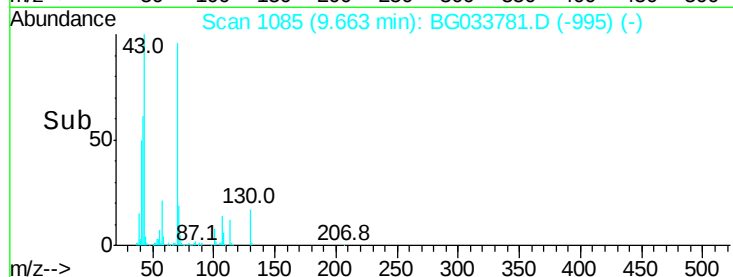
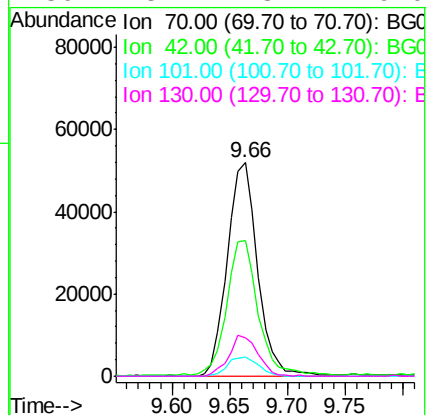
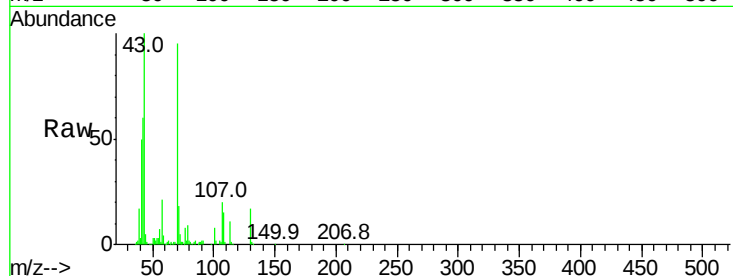
Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	70	Resp:	95012
Ion	Ratio	Lower	Upper
70	100		
42	63.6	49.1	73.7
101	8.8	8.5	12.7
130	18.1	13.4	20.0



#20

3+4-Methylphenols

Concen: 20.860 ng

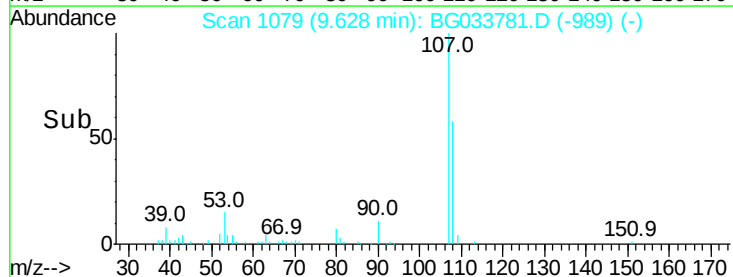
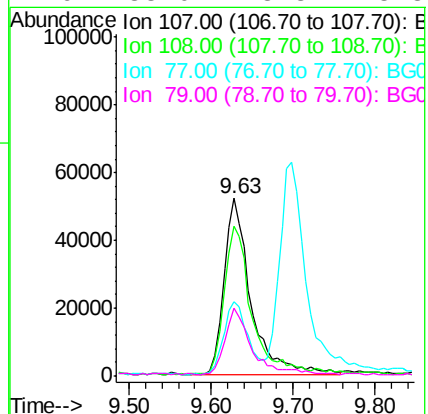
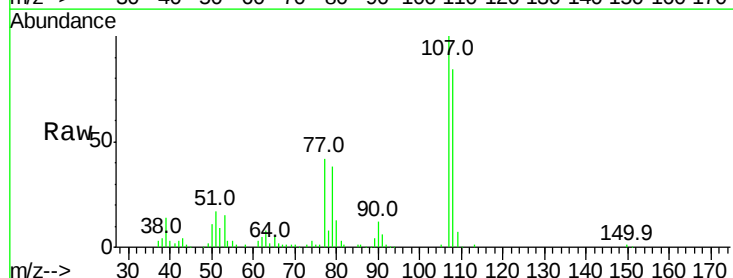
RT: 9.63 min Scan# 1079

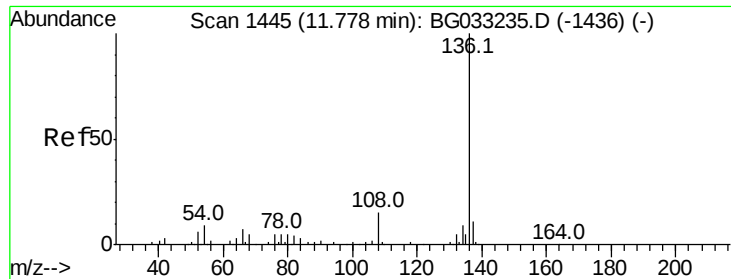
Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Tgt Ion:	107	Resp:	118636
Ion	Ratio	Lower	Upper
107	100		
108	84.1	61.6	101.6
77	42.1	13.9	53.9
79	38.0	8.8	48.8

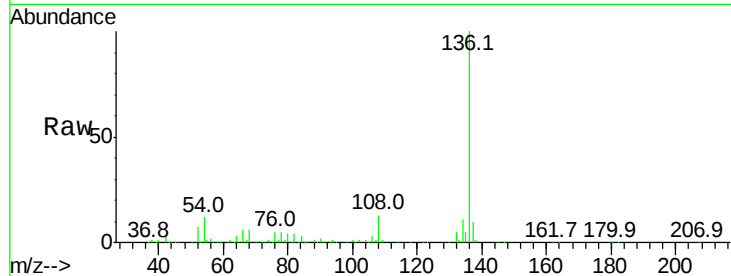




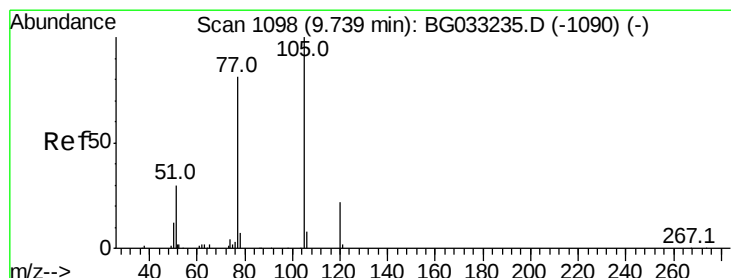
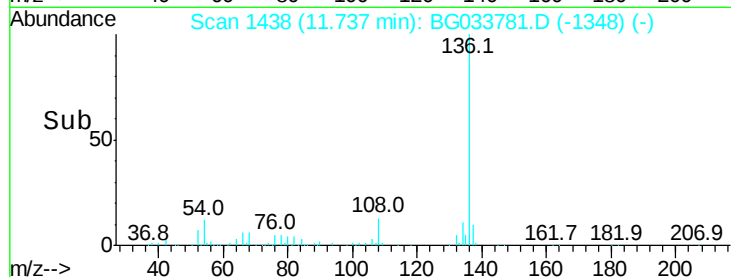
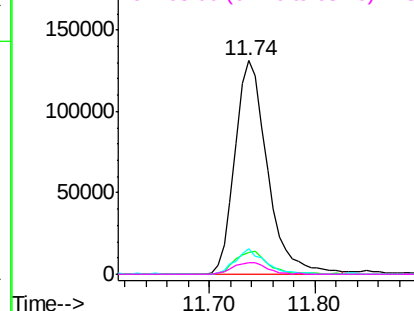
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	279393	
Ion Ratio	Lower	Upper	
136 100			
137 10.2	9.2	13.8	
54 12.0	10.3	15.5	
68 5.7	4.5	6.7	

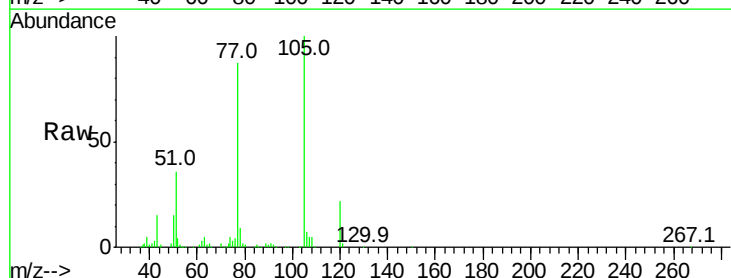


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

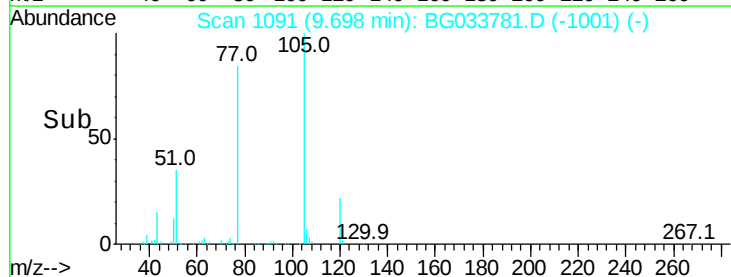
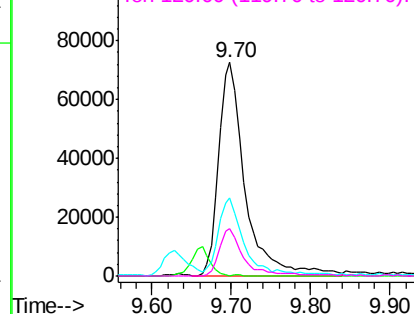


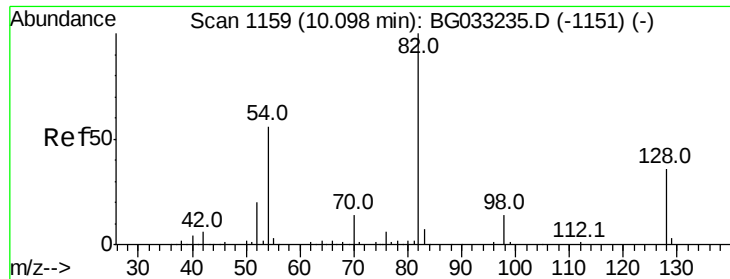
#22
Acetophenone
Concen: 21.781 ng
RT: 9.70 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

Tgt	Ion:105	Resp:	166718
Ion	Ratio	Lower	Upper
105	100		
71	0.3	3.0	4.4#
51	36.4	26.1	39.1
120	22.3	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: 46.286 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampleId :

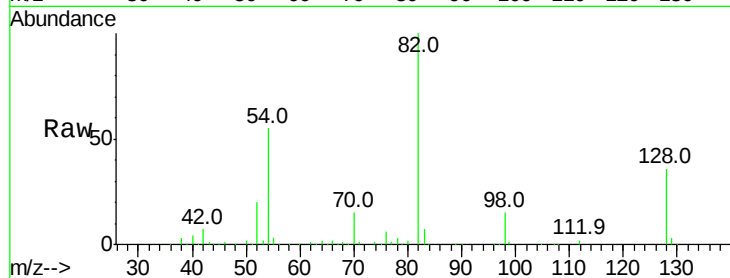
Tot Ion: 82 Resp: 281470

Ion Ratio Lower Upper

82 100

128 35.5 29.7 44.5

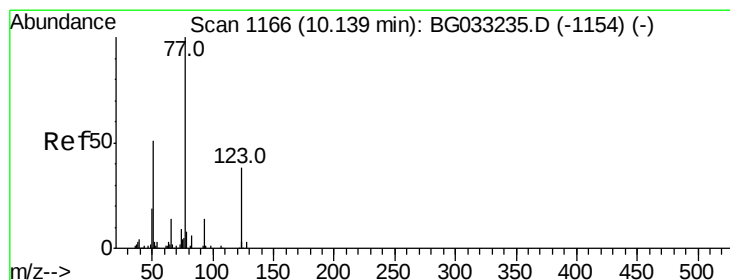
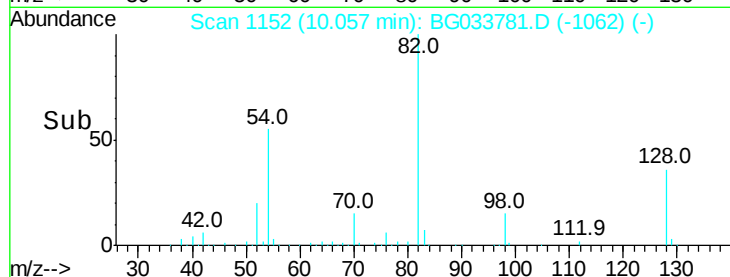
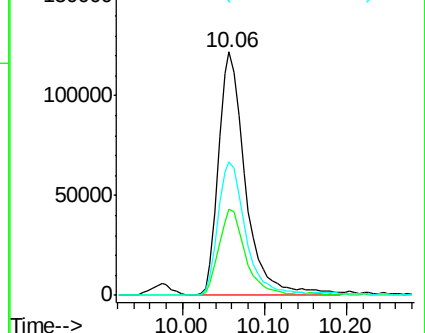
54 55.0 43.1 64.7



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: 21.517 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

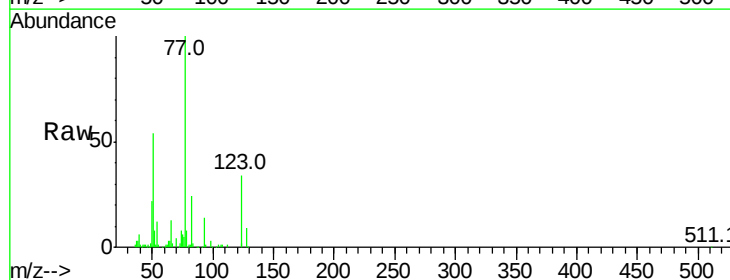
Tgt Ion: 77 Resp: 140057

Ion Ratio Lower Upper

77 100

123 33.9 33.0 49.6

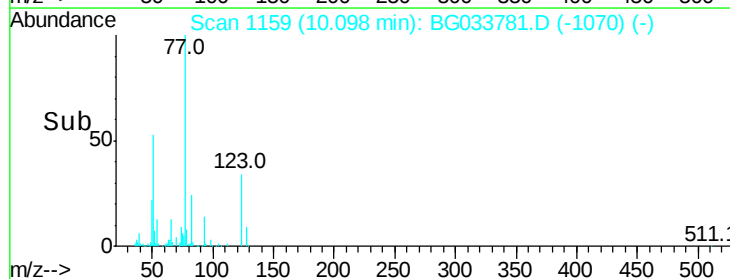
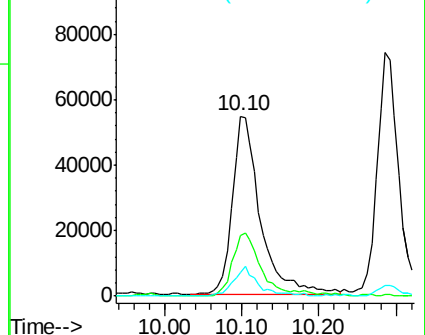
65 13.2 13.0 19.6

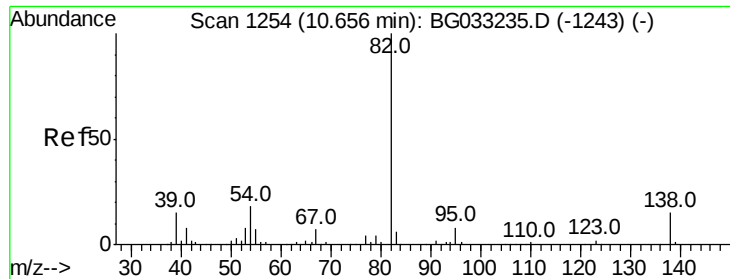


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 20.352 ng

RT: 10.61 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampleId :

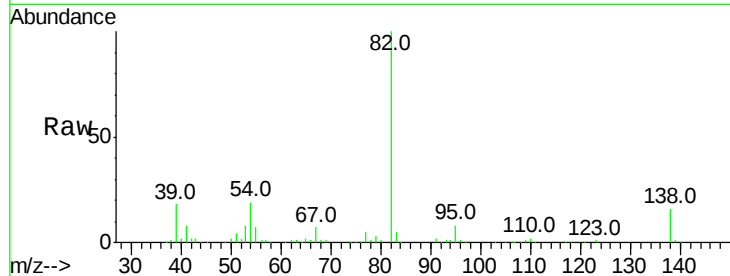
Tot Ion: 82 Resp: 240210

Ion Ratio Lower Upper

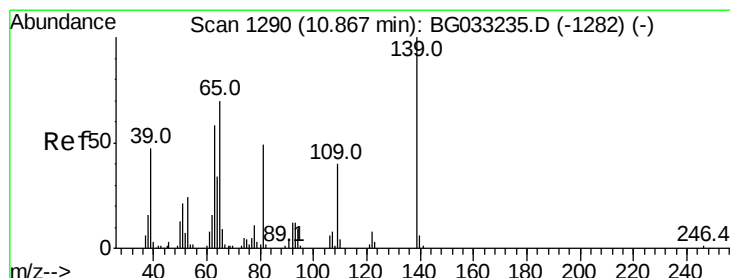
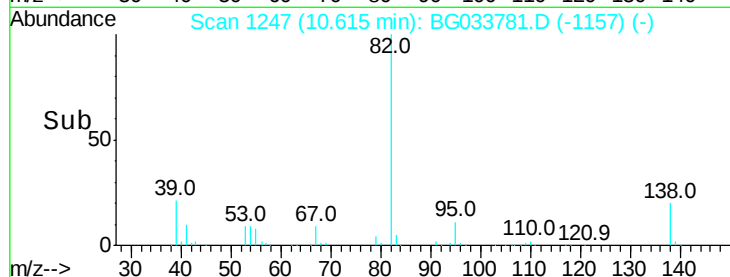
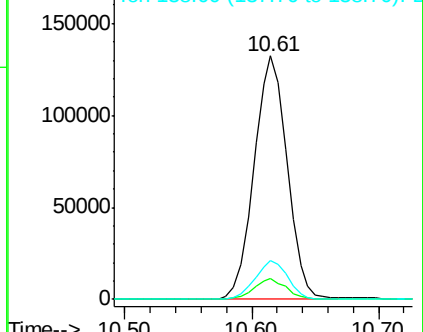
82 100

95 8.5 6.2 9.2

138 16.0 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 22.520 ng

RT: 10.83 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

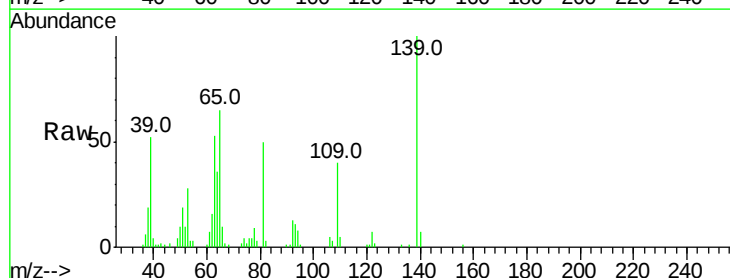
Tgt Ion:139 Resp: 55497

Ion Ratio Lower Upper

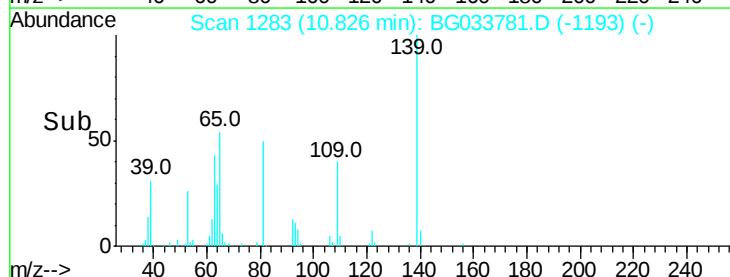
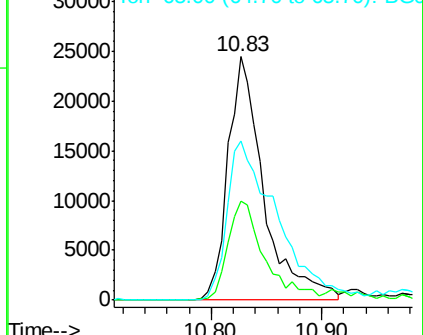
139 100

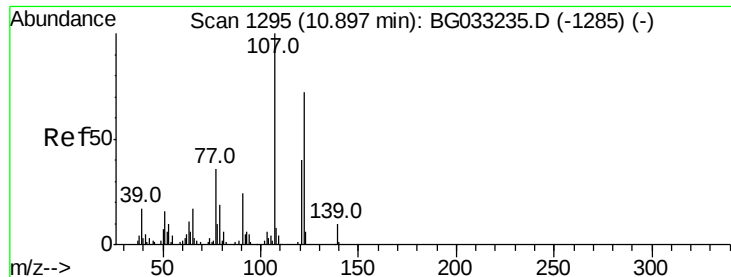
109 40.5 24.2 36.2#

65 65.3 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

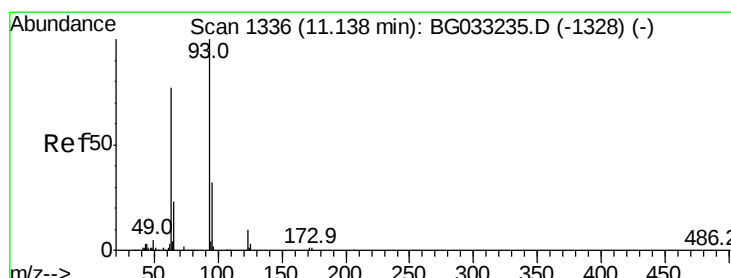
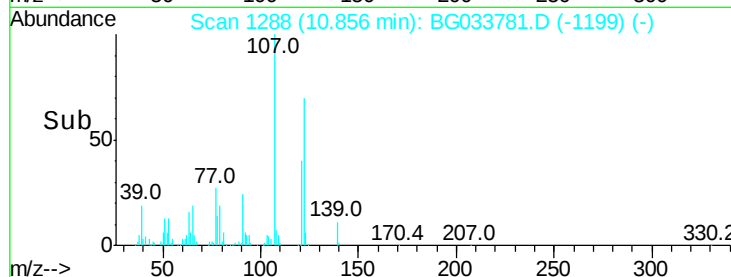
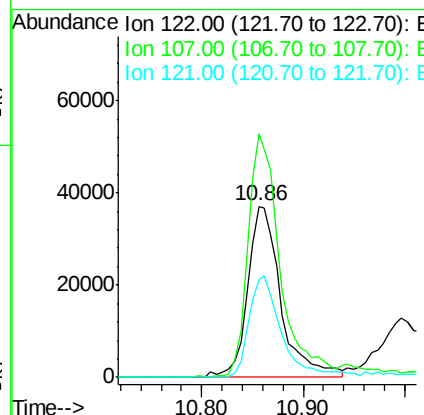
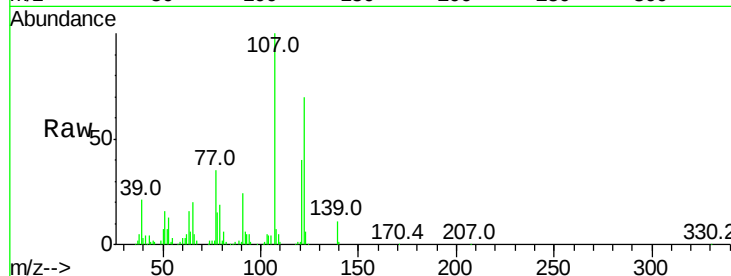




#27
2,4-Dimethylphenol
Concen: 23.621 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

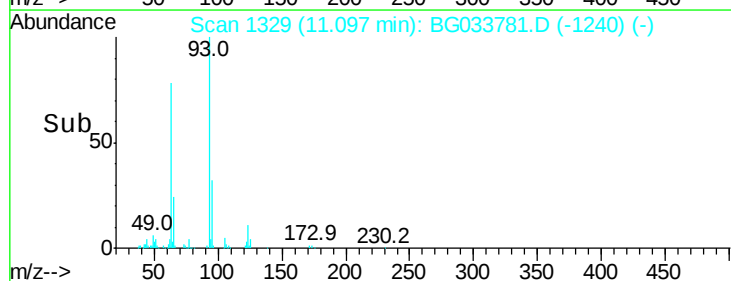
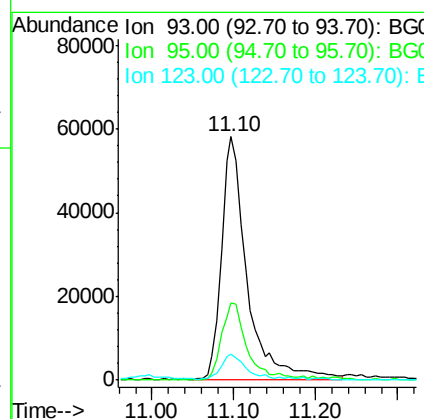
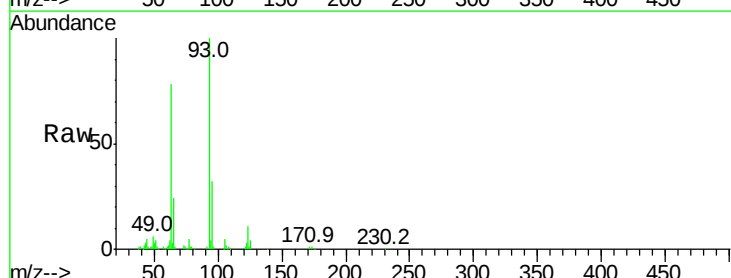
Instrument :
BNA_G
ClientSampleId :

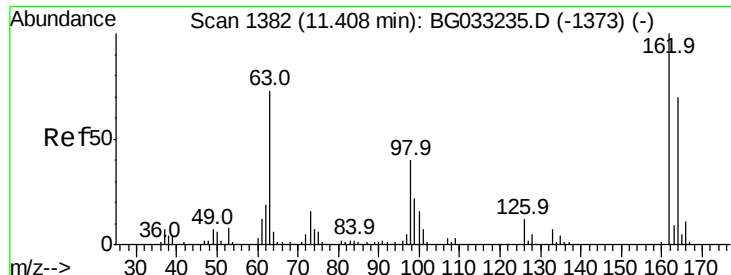
Tot Ion:122 Resp: 84562
Ion Ratio Lower Upper
122 100
107 142.4 100.2 150.2
121 57.4 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 21.686 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

Tgt Ion: 93 Resp: 127704
Ion Ratio Lower Upper
93 100
95 31.6 24.3 36.5
123 10.6 8.4 12.6

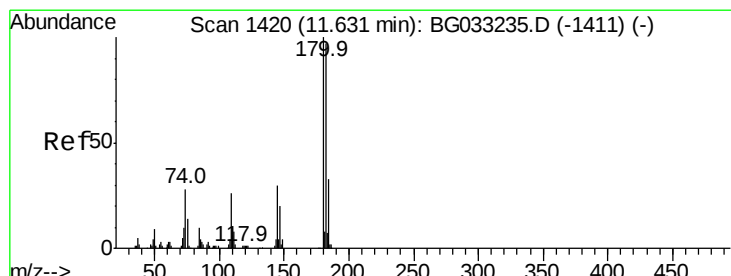
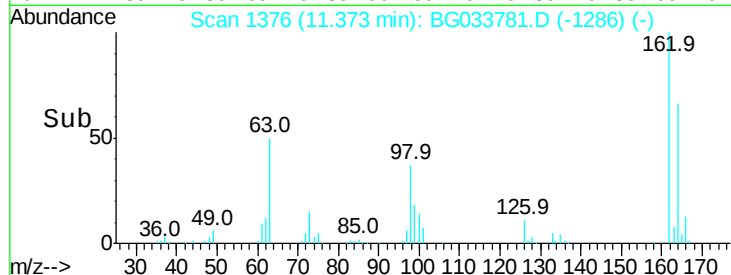
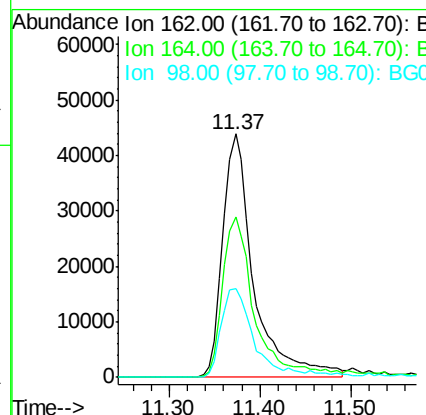
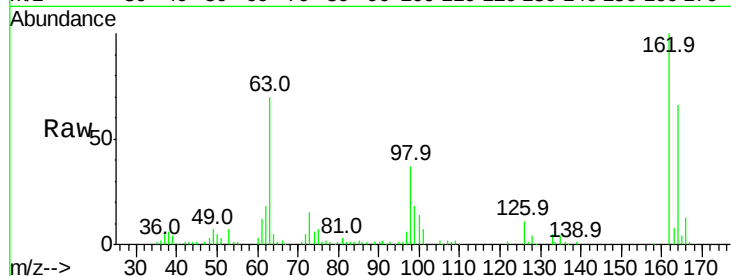




#29
 2,4-Dichlorophenol
 Concen: 23.741 ng
 RT: 11.37 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BG033781.D
 Acq: 12 Apr 2018 20:33

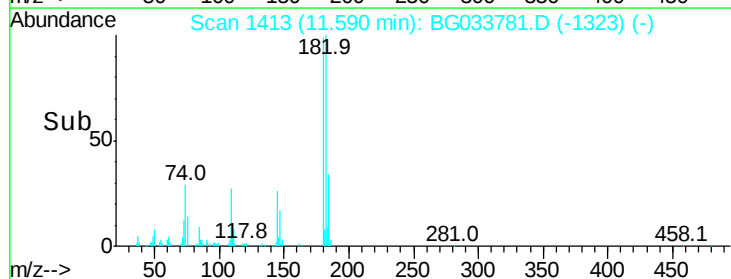
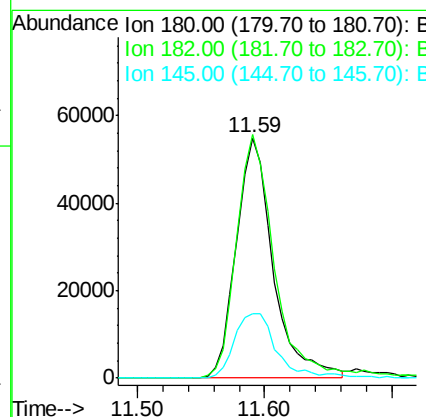
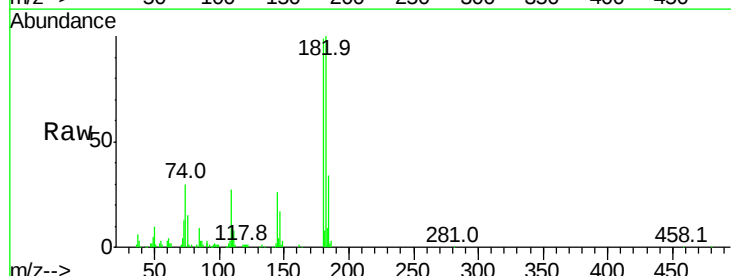
Instrument :
 BNA_G
 ClientSampled :

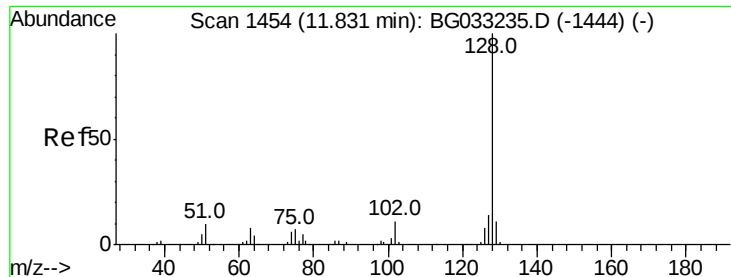
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	48.0	88.0
98	36.7	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 19.334 ng
 RT: 11.59 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BG033781.D
 Acq: 12 Apr 2018 20:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.4	77.5	116.3
145	26.7	23.4	35.2

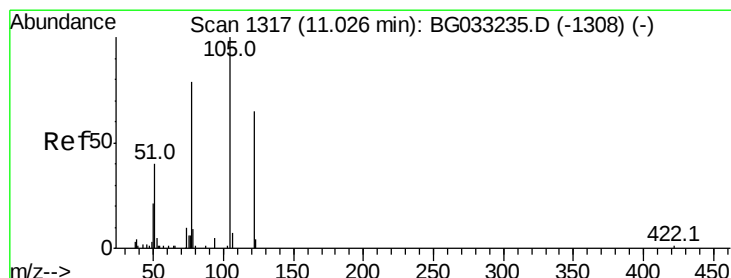
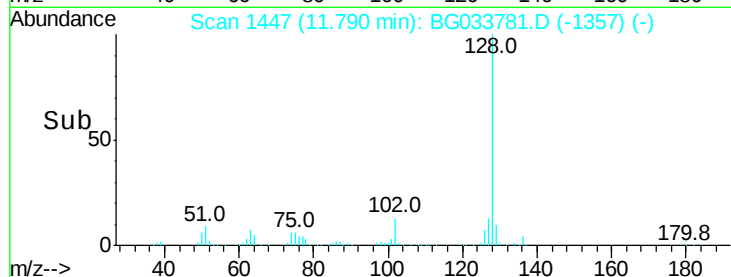
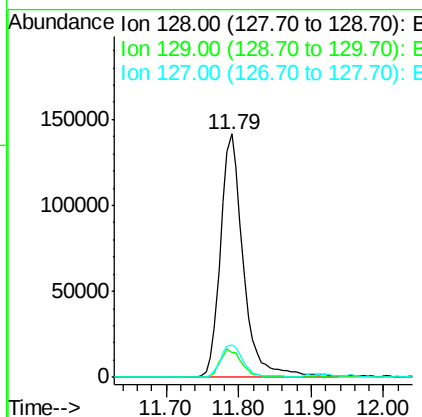
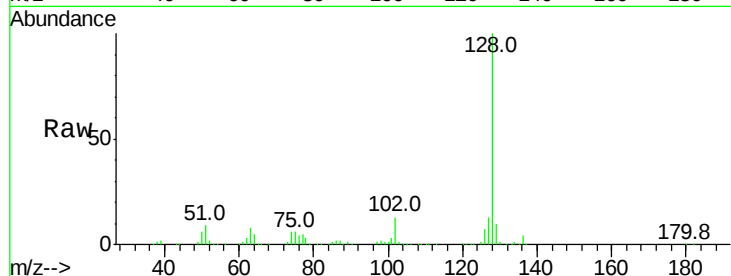




#31
Naphthalene
Concen: 21.443 ng
RT: 11.79 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

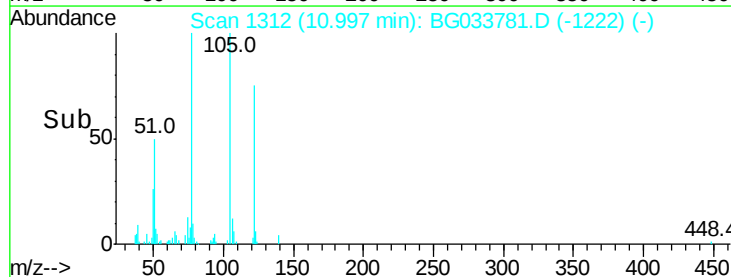
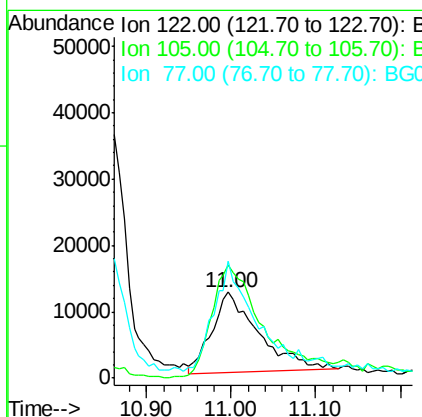
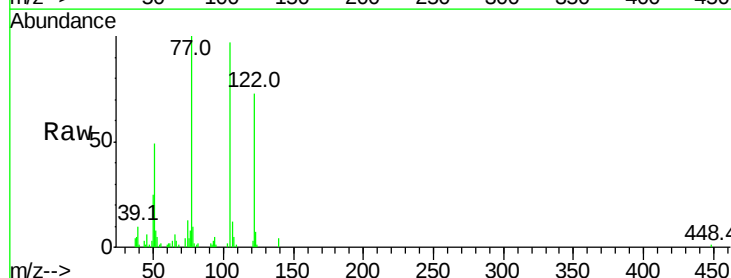
Instrument :
BNA_G
ClientSampleId :

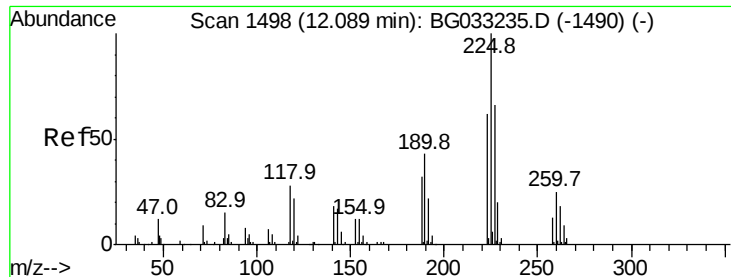
Tot Ion:128 Resp: 310459
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 13.1 11.6 17.4



#32
Benzoic acid
Concen: 13.957 ng
RT: 11.00 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

Tgt Ion:122 Resp: 46448
Ion Ratio Lower Upper
122 100
105 132.7 123.5 163.5
77 136.6 85.7 125.7#

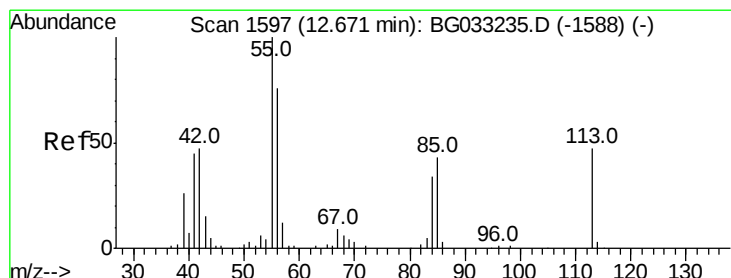
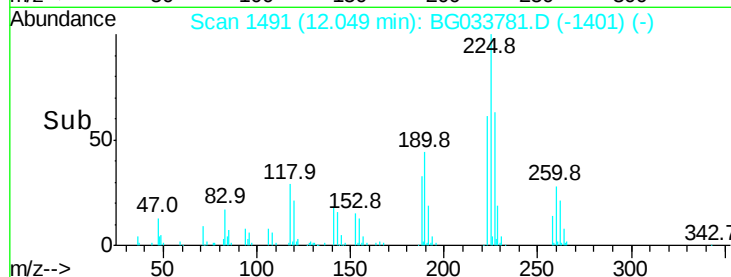
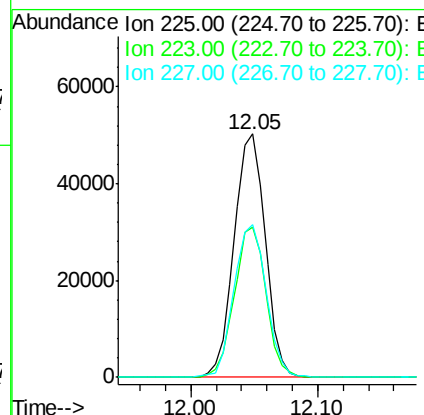
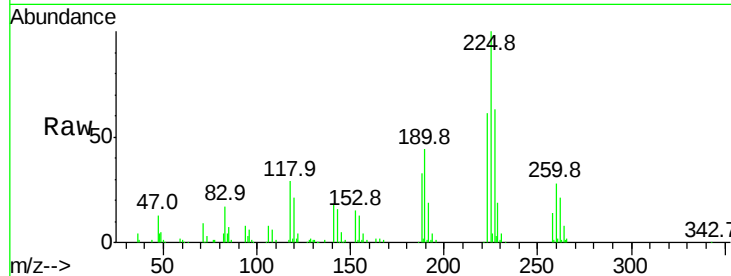




#34
Hexachlorobutadiene
Concen: 19.743 ng
RT: 12.05 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

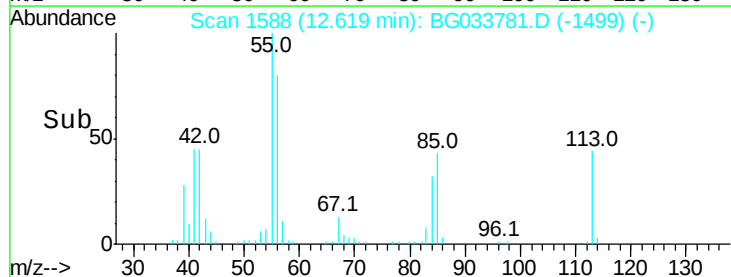
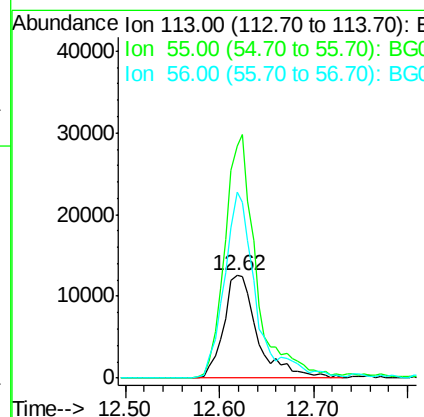
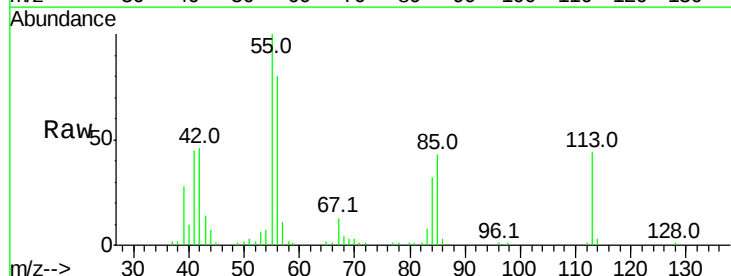
Instrument :
BNA_G
ClientSampleId :

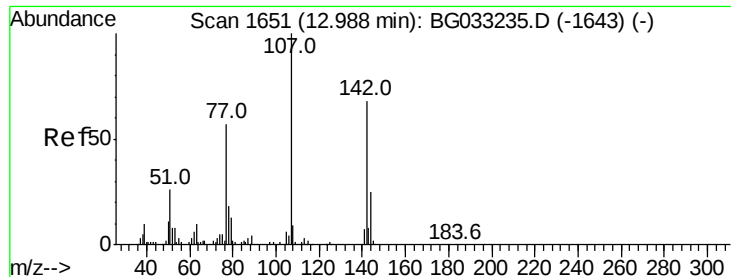
Tot Ion:225 Resp: 85401
Ion Ratio Lower Upper
225 100
223 61.5 49.7 74.5
227 62.7 48.1 72.1



#35
Caprolactam
Concen: 18.267 ng
RT: 12.62 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

Tgt Ion:113 Resp: 31506
Ion Ratio Lower Upper
113 100
55 225.8 186.9 226.9
56 181.7 130.9 170.9#

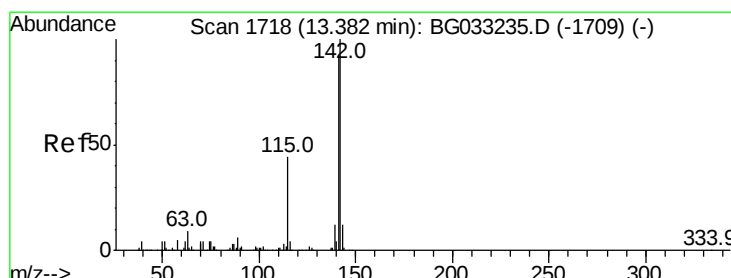
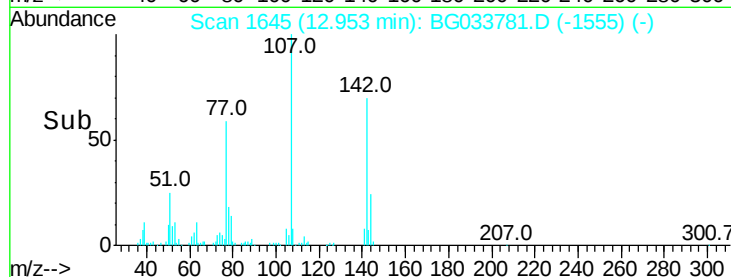
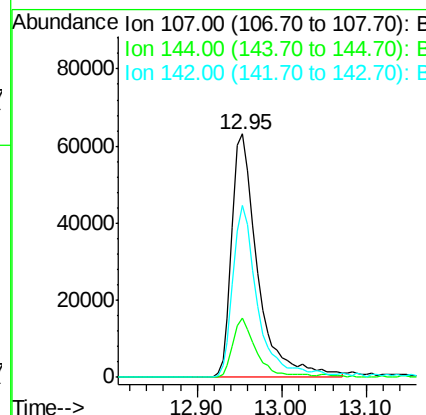
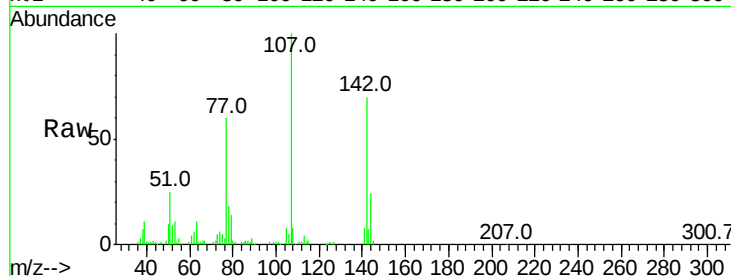




#36
 4-Chloro-3-methylphenol
 Concen: 23.412 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BG033781.D
 Acq: 12 Apr 2018 20:33

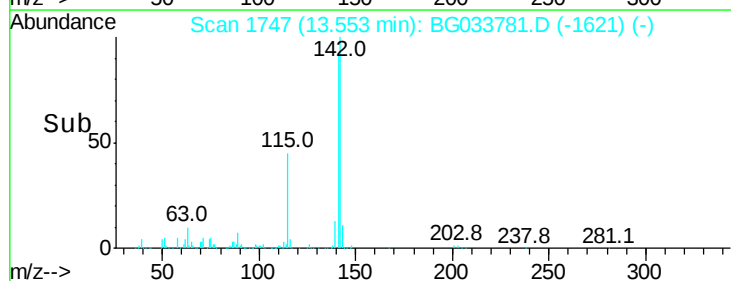
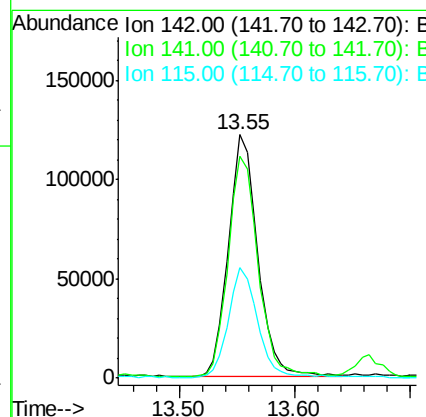
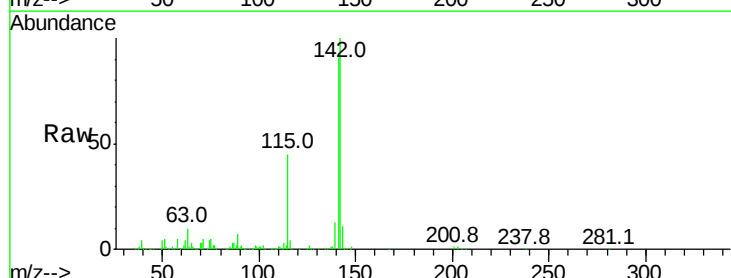
Instrument :
 BNA_G
 ClientSampleId :

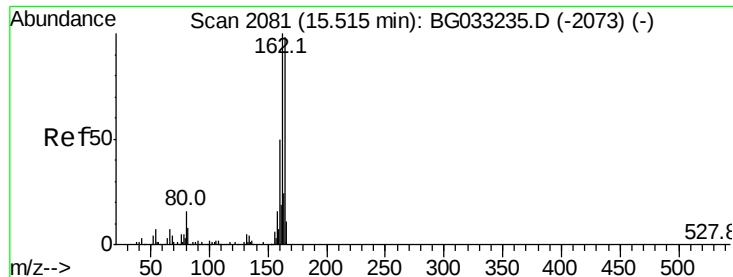
Tot Ion:107 Resp: 134432
 Ion Ratio Lower Upper
 107 100
 144 24.2 18.2 27.4
 142 70.5 59.0 88.4



#37
 2-Methylnaphthalene
 Concen: 19.236 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. 0.21 min
 Lab File: BG033781.D
 Acq: 12 Apr 2018 20:33

Tgt Ion:142 Resp: 216167
 Ion Ratio Lower Upper
 142 100
 141 91.0 67.1 100.7
 115 45.2 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampleId :

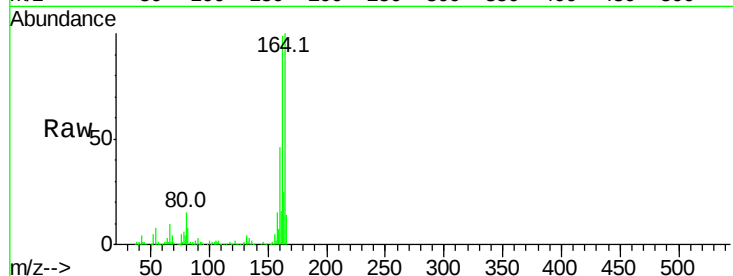
Tot Ion:164 Resp: 216664

Ion Ratio Lower Upper

164 100

162 98.8 78.8 118.2

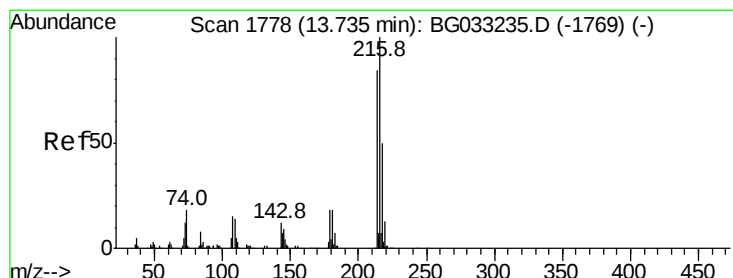
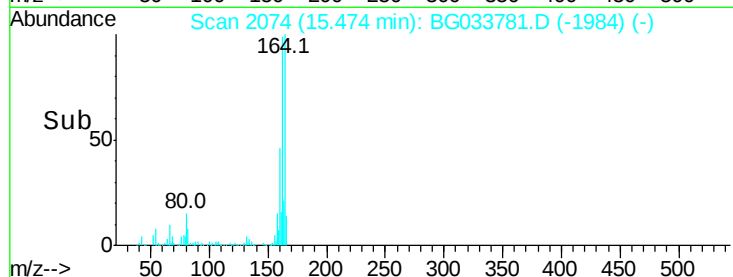
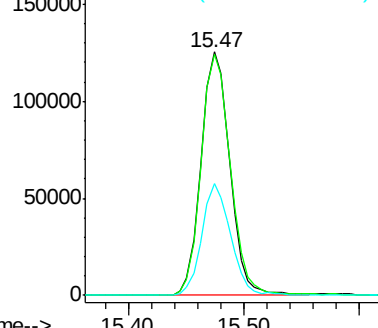
160 45.7 35.4 53.0



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: 18.824 ng

RT: 13.69 min Scan# 1771

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Tgt Ion:216 Resp: 147731

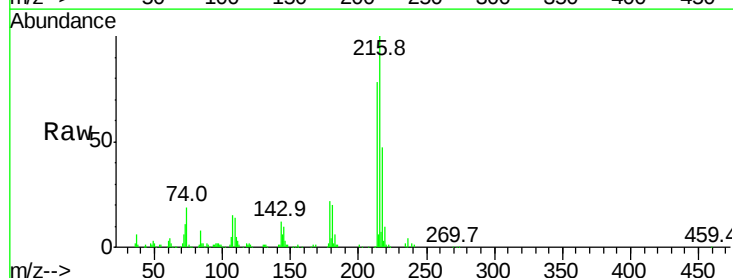
Ion Ratio Lower Upper

216 100

214 80.5 63.0 94.4

179 21.5 17.0 25.6

108 17.6 12.8 19.2

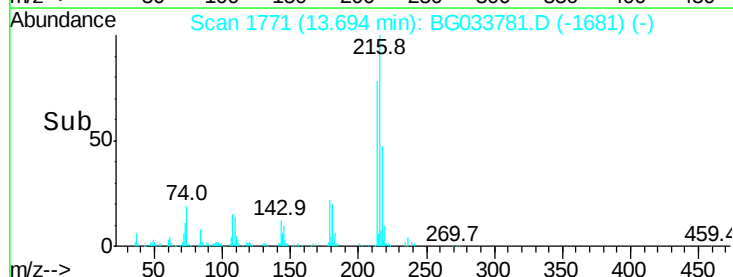
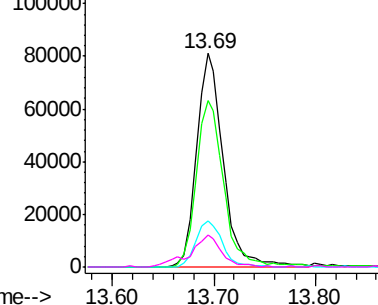


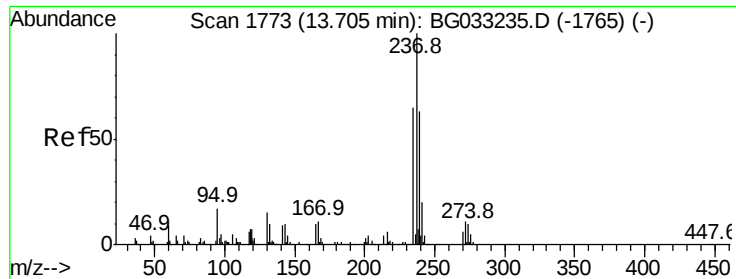
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

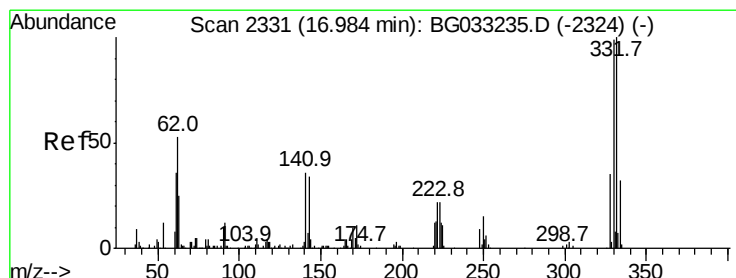
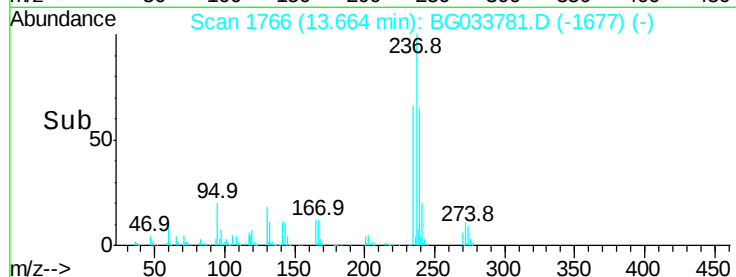
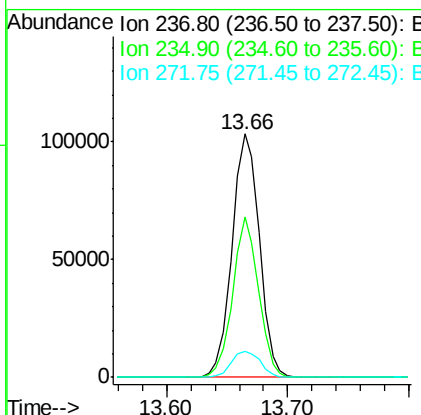
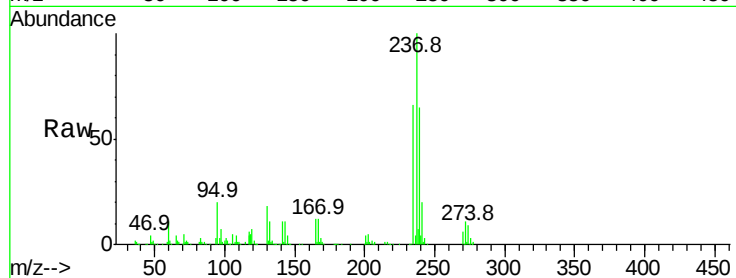




#40
Hexachlorocyclopentadiene
Concen: 35.459 ng
RT: 13.66 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

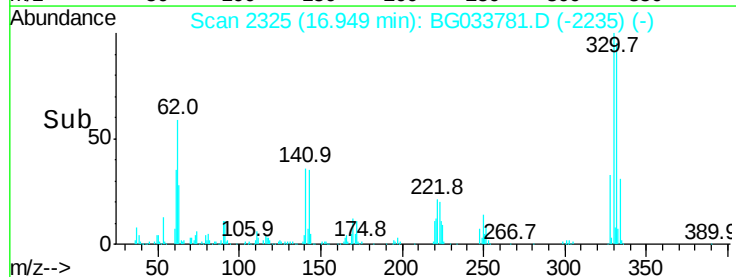
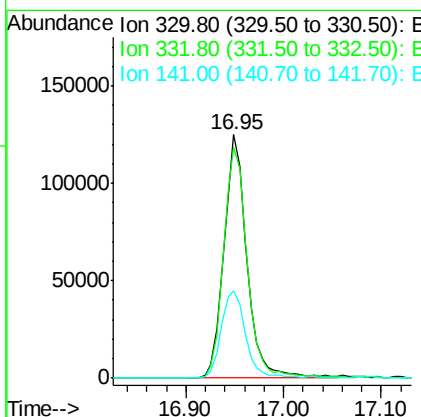
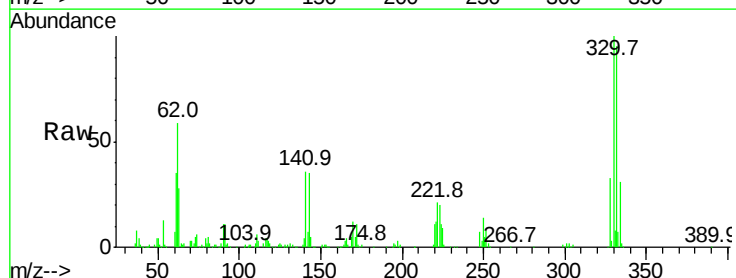
Instrument :
BNA_G
ClientSampleId :

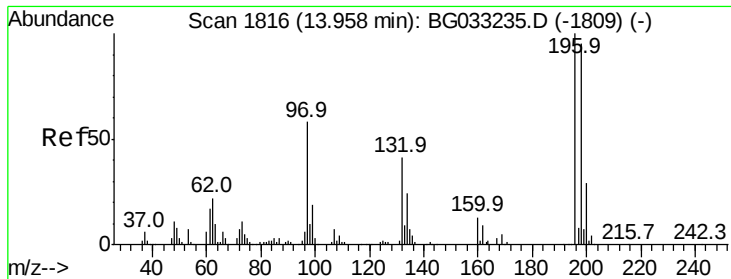
Tot Ion:237 Resp: 163140
Ion Ratio Lower Upper
237 100
235 65.8 50.4 90.4
272 10.9 0.0 31.8



#41
2,4,6-Tribromophenol
Concen: 62.907 ng
RT: 16.95 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

Tgt Ion:330 Resp: 203847
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.6
141 37.9 25.2 37.8#

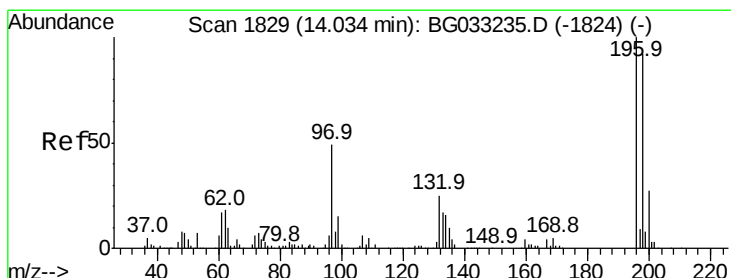
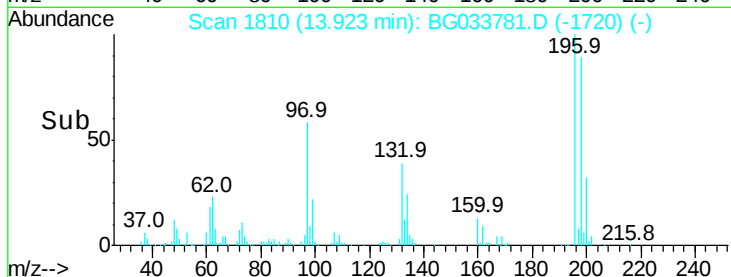
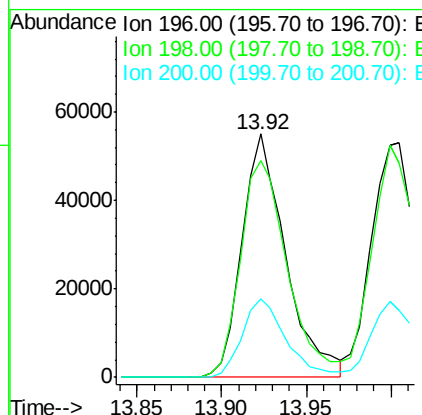
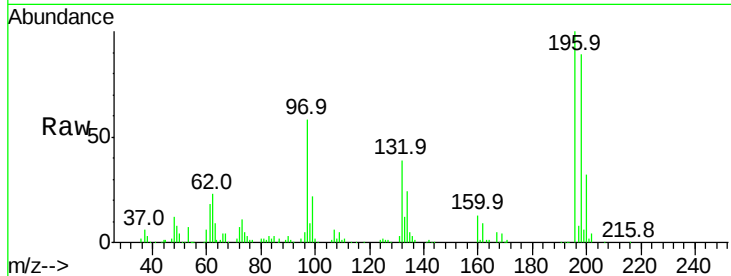




#42
 2,4,6-Trichlorophenol
 Concen: 21.697 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BG033781.D
 Acq: 12 Apr 2018 20:33

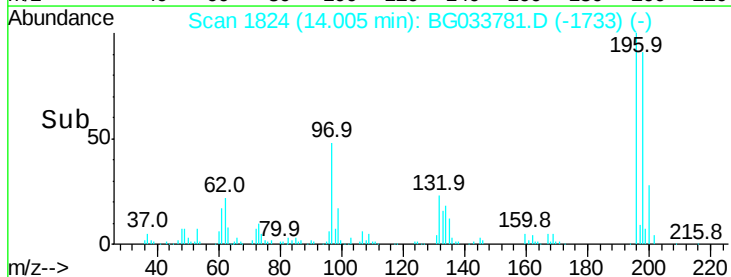
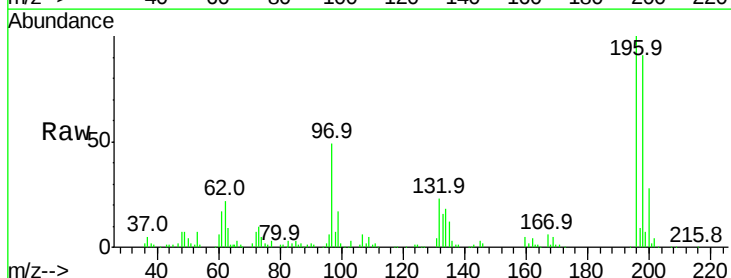
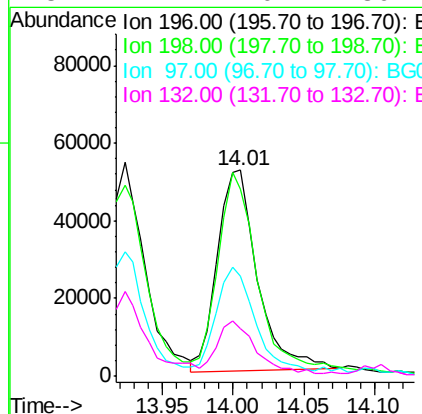
Instrument :
 BNA_G
 ClientSampleId :

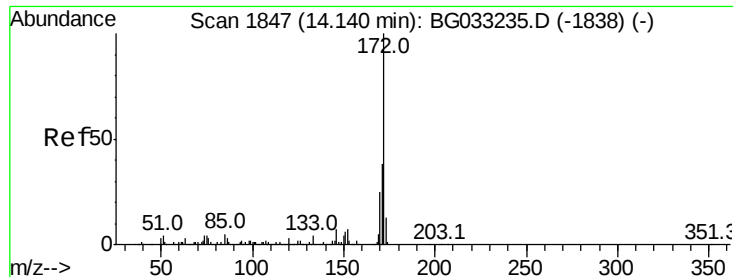
Tot Ion:196 Resp: 98932
 Ion Ratio Lower Upper
 196 100
 198 89.2 78.2 117.2
 200 32.5 24.6 36.8



#43
 2,4,5-Trichlorophenol
 Concen: 19.023 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. 0.01 min
 Lab File: BG033781.D
 Acq: 12 Apr 2018 20:33

Tgt Ion:196 Resp: 102530
 Ion Ratio Lower Upper
 196 100
 198 91.0 76.2 114.4
 97 48.8 38.7 58.1
 132 22.7 20.2 30.2

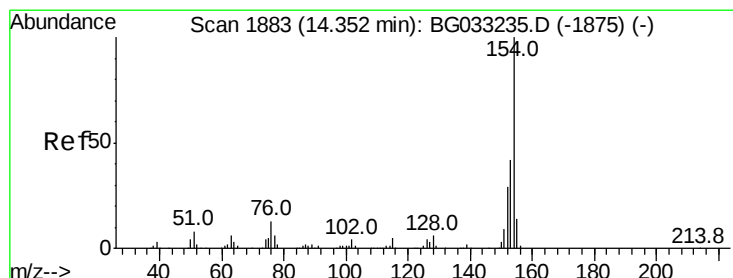
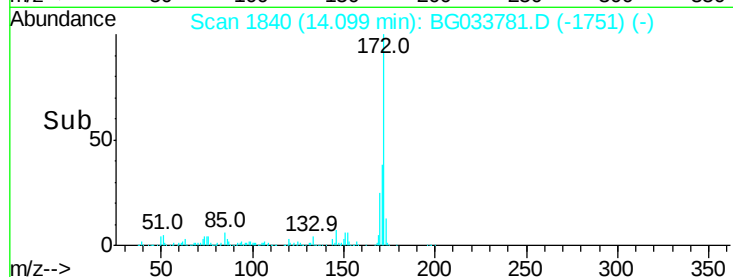
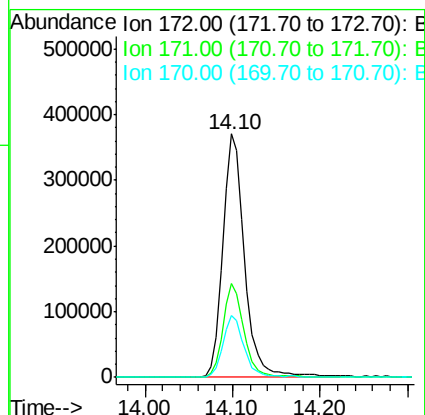
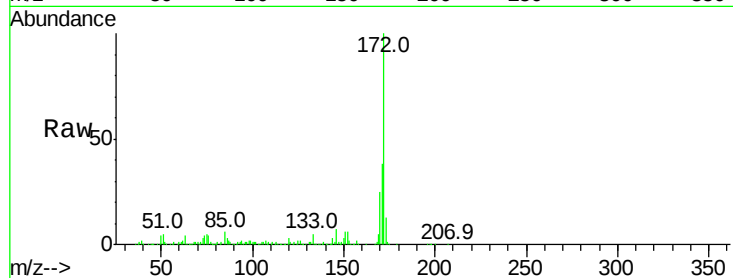




#44
2-Fluorobiphenyl
Concen: 42.551 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

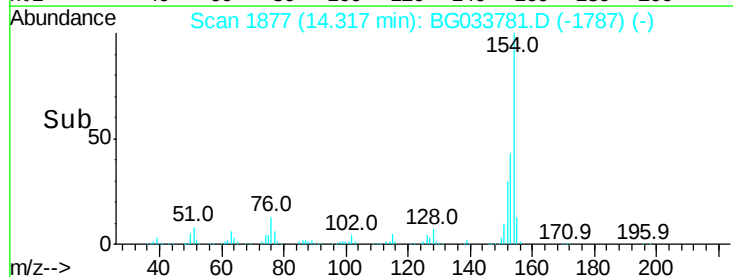
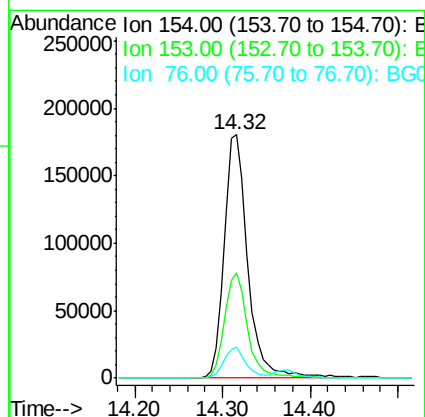
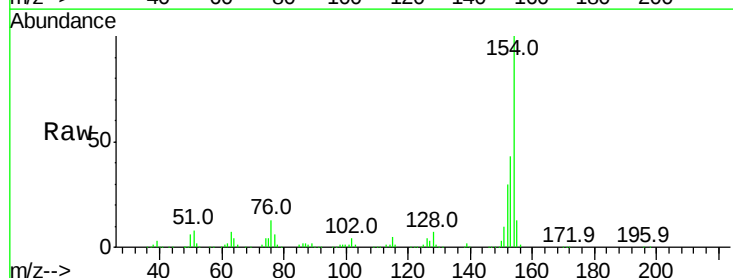
Instrument :
BNA_G
ClientSampled :

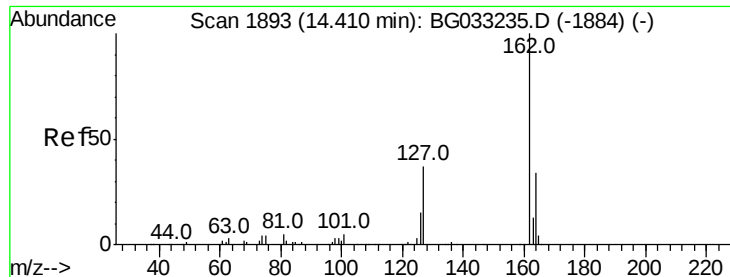
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	25.2	19.5	29.3



#45
1,1'-Biphenyl
Concen: 20.148 ng
RT: 14.32 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	19.8	59.8
76	13.1	0.0	31.9

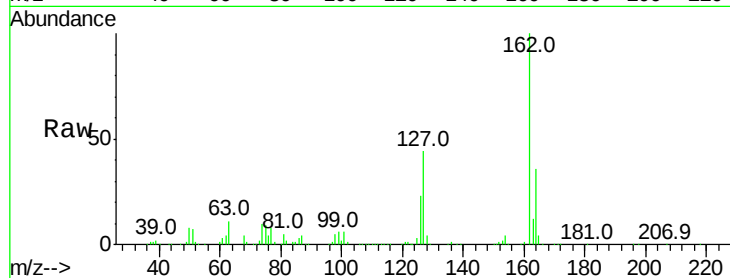




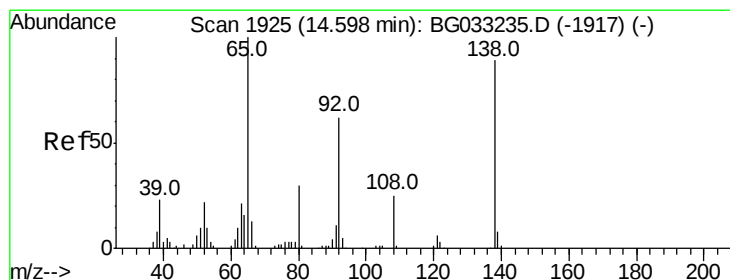
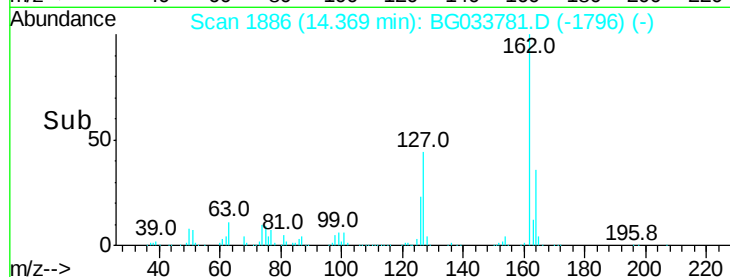
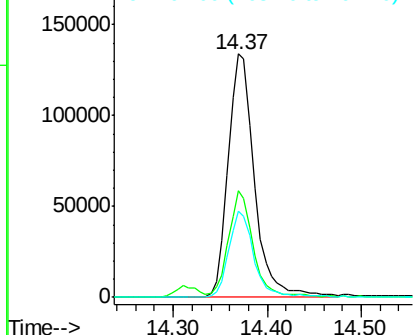
#46
2-Chloronaphthalene
Concen: 20.355 ng
RT: 14.37 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 261249
Ion Ratio Lower Upper
162 100
127 43.9 30.7 46.1
164 35.5 26.0 39.0

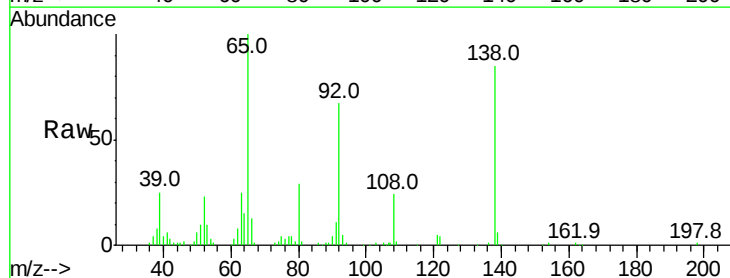


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

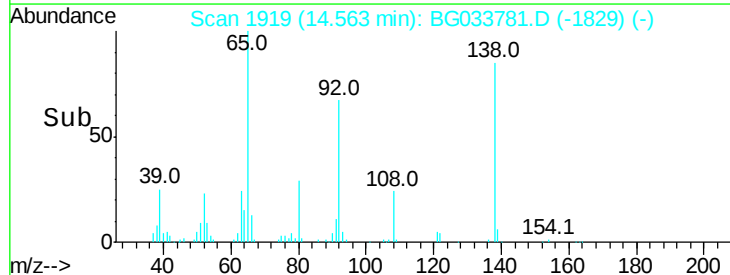
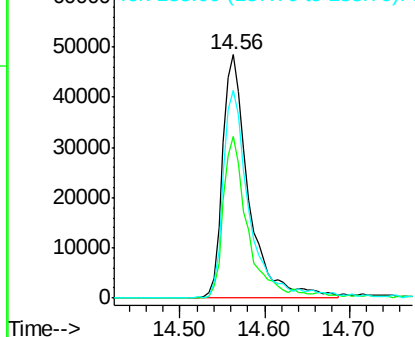


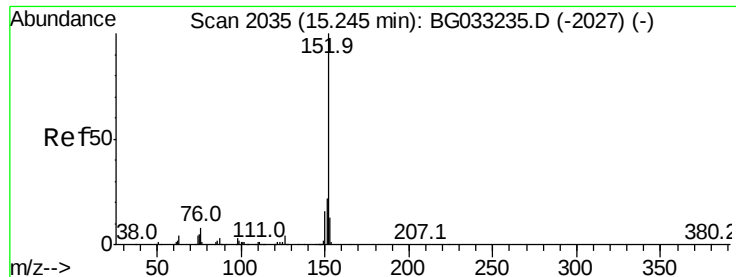
#47
2-Nitroaniline
Concen: 21.670 ng
RT: 14.56 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

Tgt Ion: 65 Resp: 104176
Ion Ratio Lower Upper
65 100
92 66.5 54.6 82.0
138 85.3 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 20.309 ng

RT: 15.20 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampleId :

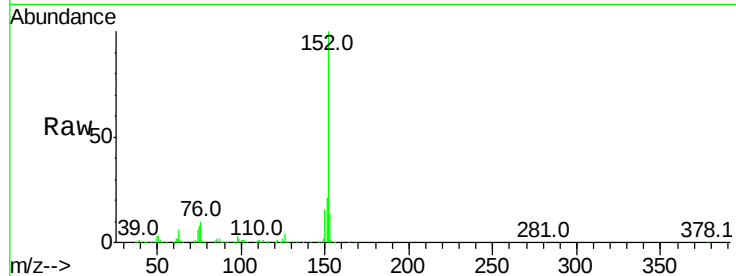
Tot Ion:152 Resp: 435102

Ion Ratio Lower Upper

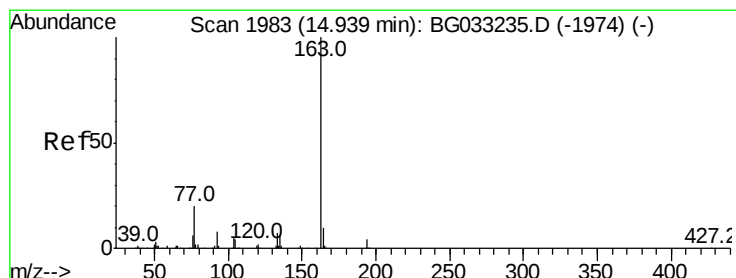
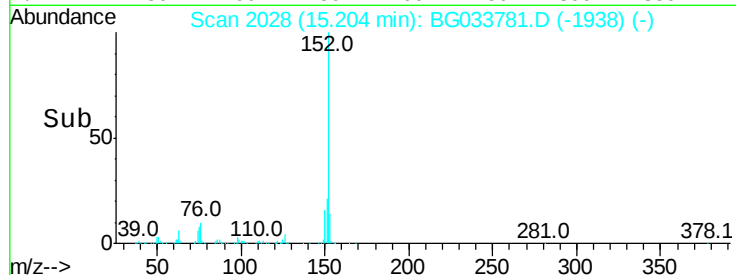
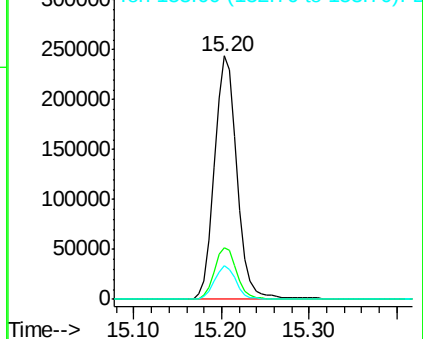
152 100

151 21.3 17.2 25.8

153 13.6 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 20.421 ng

RT: 14.90 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

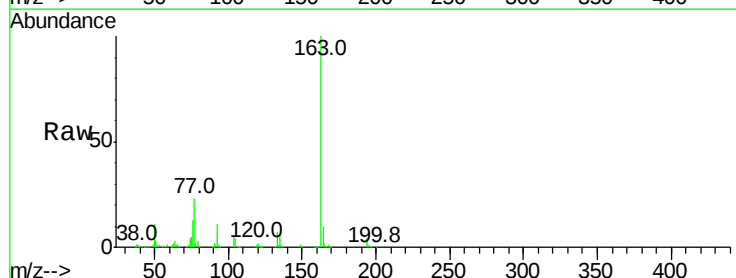
Tgt Ion:163 Resp: 385042

Ion Ratio Lower Upper

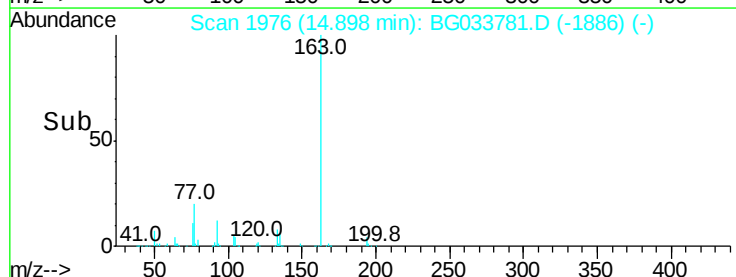
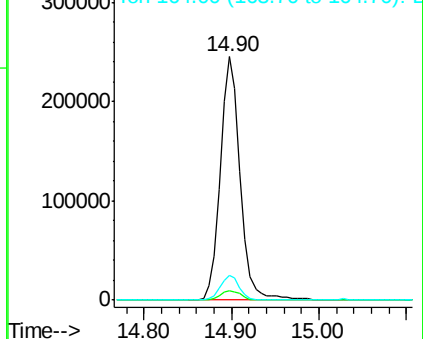
163 100

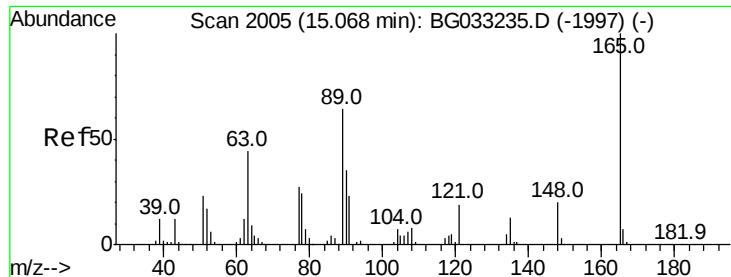
194 4.0 3.4 5.2

164 10.1 8.2 12.4



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

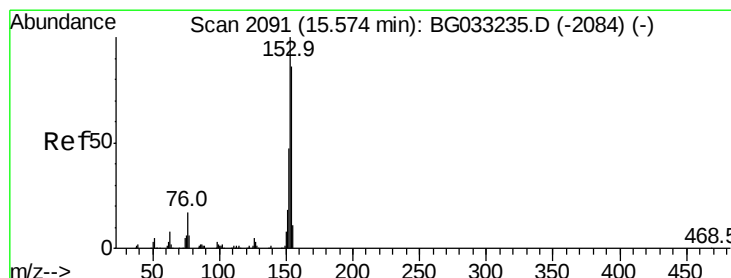
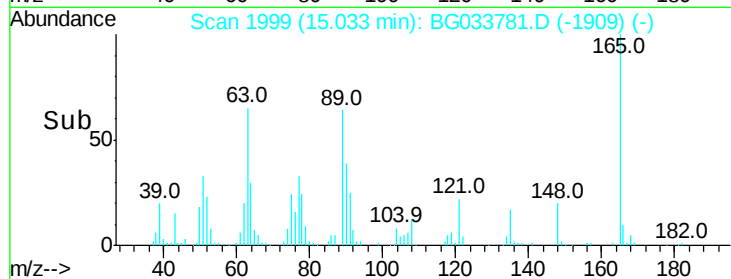
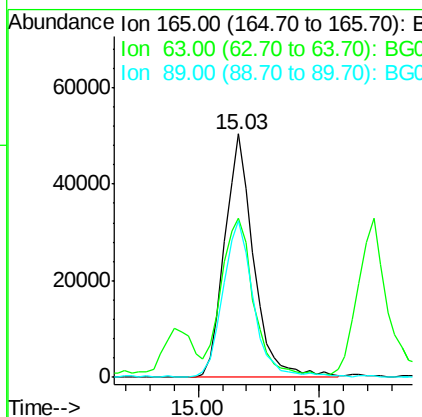
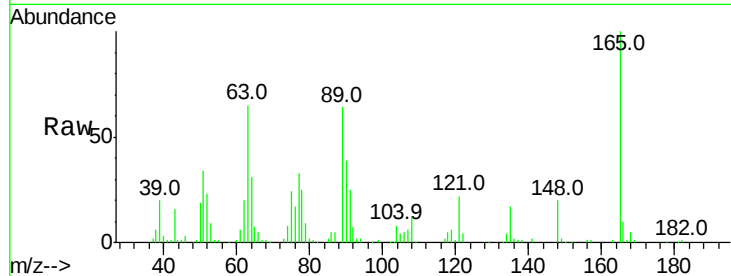




#50
 2,6-Dinitrotoluene
 Concen: 21.747 ng
 RT: 15.03 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BG033781.D
 Acq: 12 Apr 2018 20:33

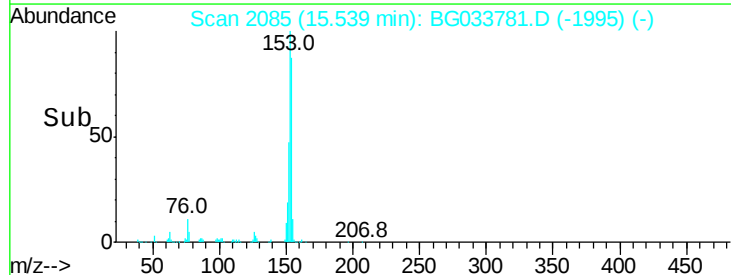
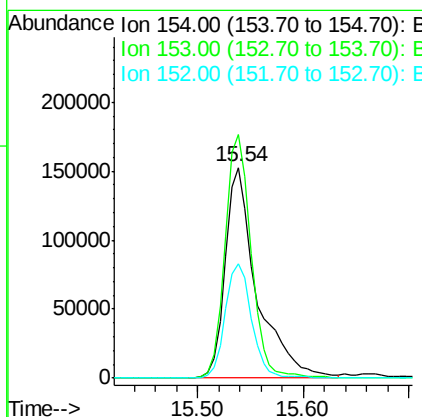
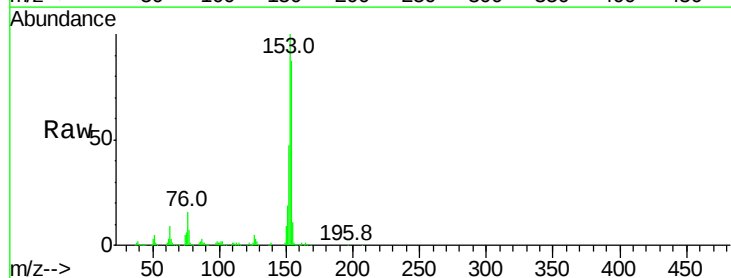
Instrument :
 BNA_G
 ClientSampled :

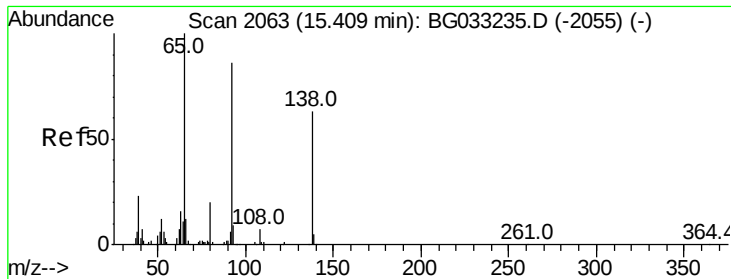
Tot Ion:165 Resp: 83844
 Ion Ratio Lower Upper
 165 100
 63 65.3 52.7 79.1
 89 64.5 49.2 73.8



#51
 Acenaphthene
 Concen: 22.709 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BG033781.D
 Acq: 12 Apr 2018 20:33

Tgt Ion:154 Resp: 313625
 Ion Ratio Lower Upper
 154 100
 153 115.4 90.4 135.6
 152 54.5 41.6 62.4





#52

3-Nitroaniline

Concen: 3.053 ng

RT: 15.39 min Scan# 2059

Delta R.T. 0.01 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampleId :

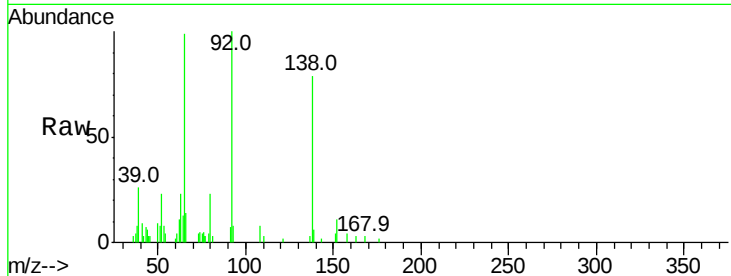
Tot Ion:138 Resp: 12342

Ion Ratio Lower Upper

138 100

108 10.7 17.5 26.3#

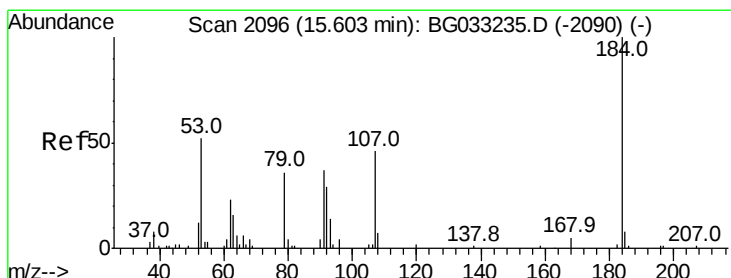
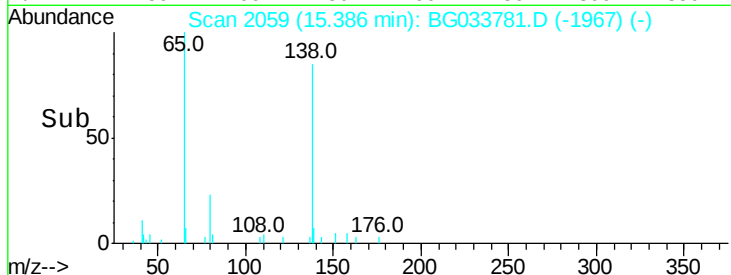
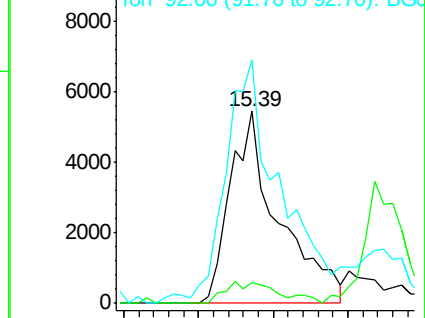
92 126.8 105.8 158.8



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): BGC



#53

2,4-Dinitrophenol

Concen: 48.505 ng

RT: 15.57 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

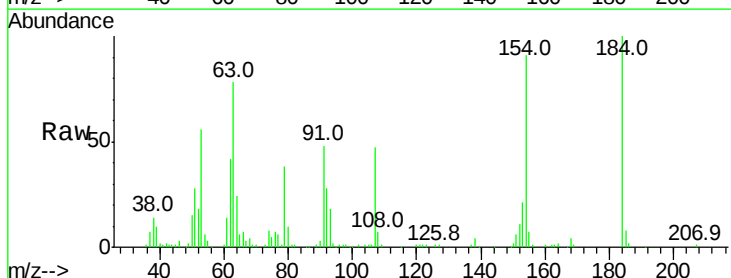
Tgt Ion:184 Resp: 90202

Ion Ratio Lower Upper

184 100

63 77.9 59.8 89.8

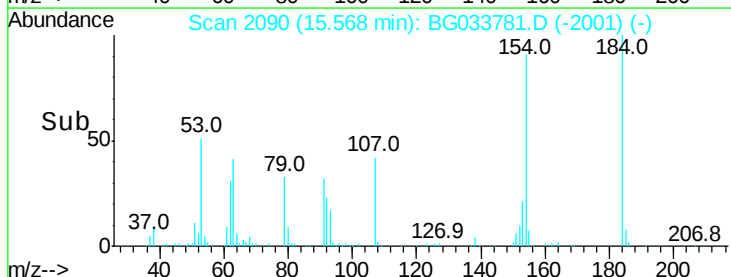
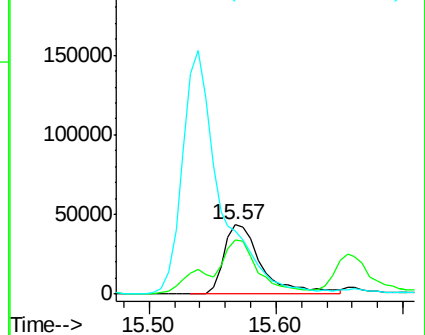
154 90.8 101.8 152.8#

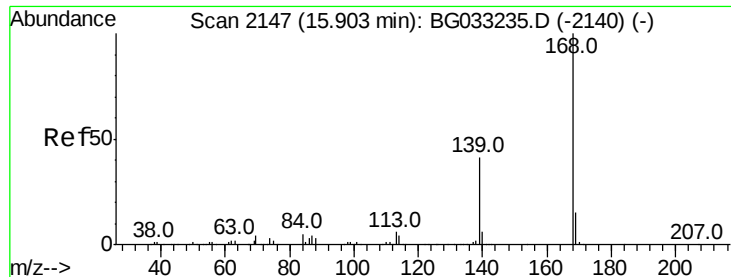


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

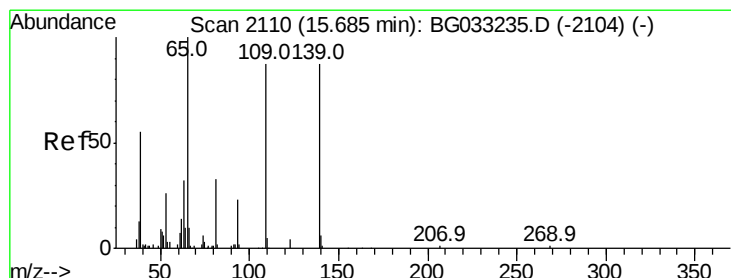
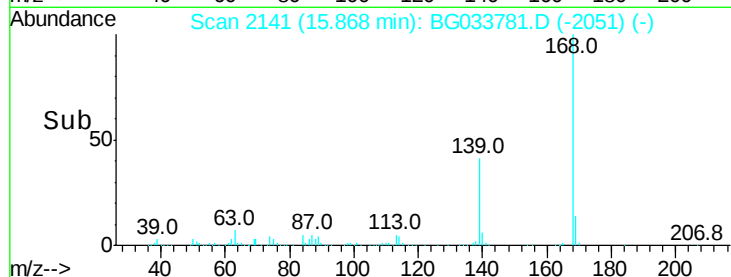
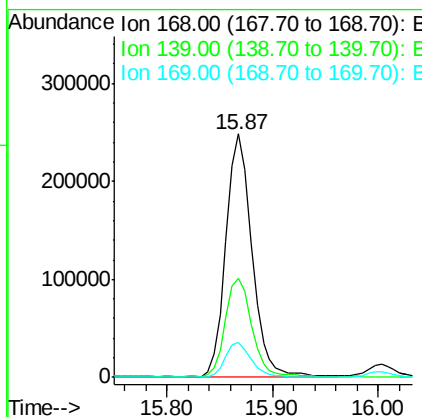
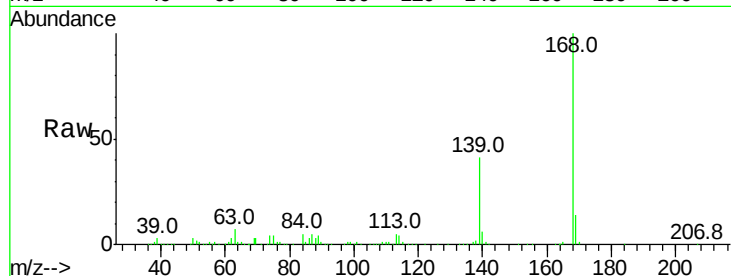




#54
Dibenzenofuran
Concen: 20.972 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

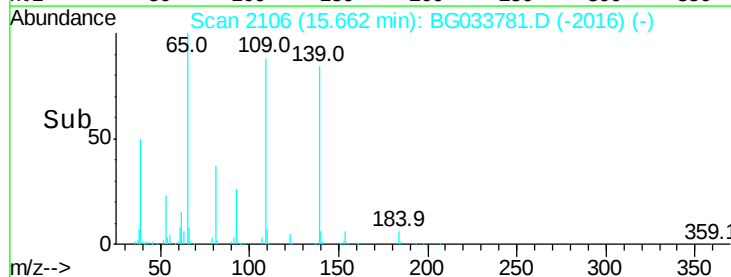
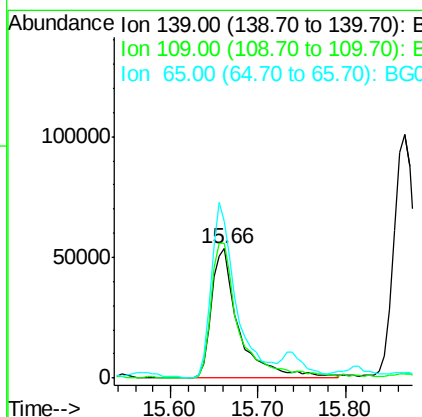
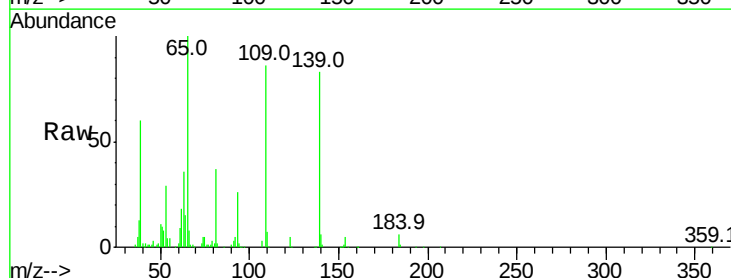
Instrument :
BNA_G
ClientSampleId :

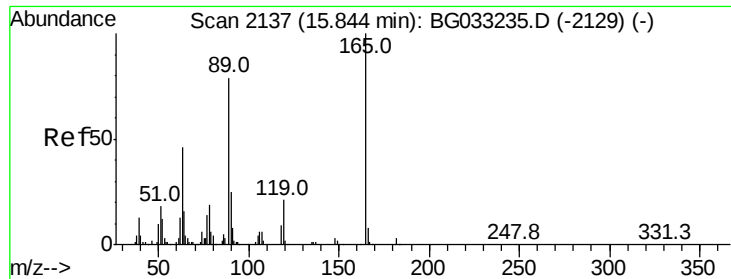
Tot Ion:168 Resp: 427828
Ion Ratio Lower Upper
168 100
139 40.6 28.6 43.0
169 14.2 11.2 16.8



#55
4-Nitrophenol
Concen: 41.174 ng
RT: 15.66 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

Tgt Ion:139 Resp: 117028
Ion Ratio Lower Upper
139 100
109 104.2 62.2 102.2#
65 120.8 97.2 137.2

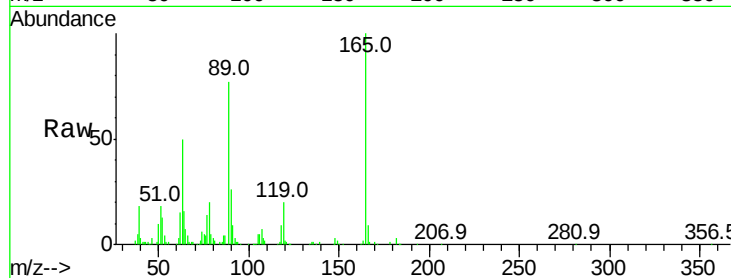




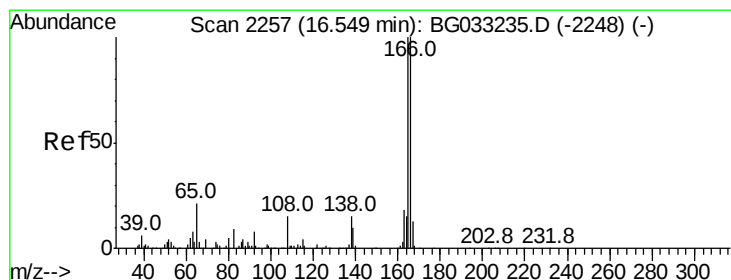
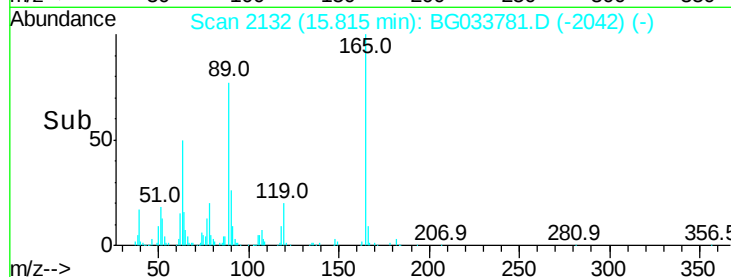
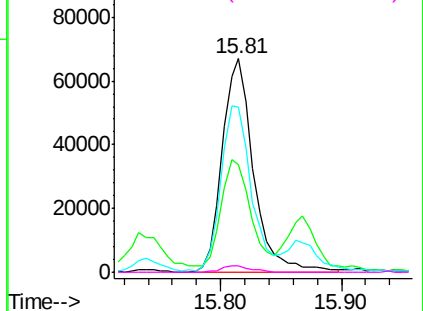
#56
2,4-Dinitrotoluene
Concen: 21.281 ng
RT: 15.81 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 120809
Ion Ratio Lower Upper
165 100
63 50.2 42.0 63.0
89 77.0 66.9 100.3
182 2.9 2.6 3.8

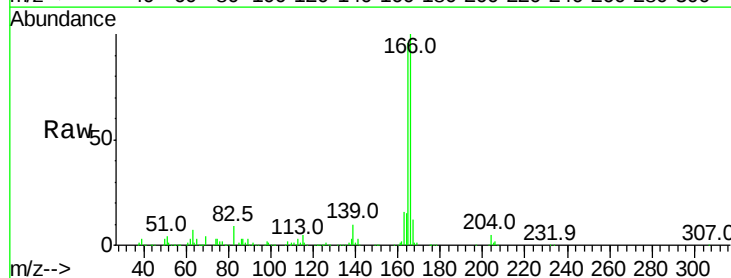


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

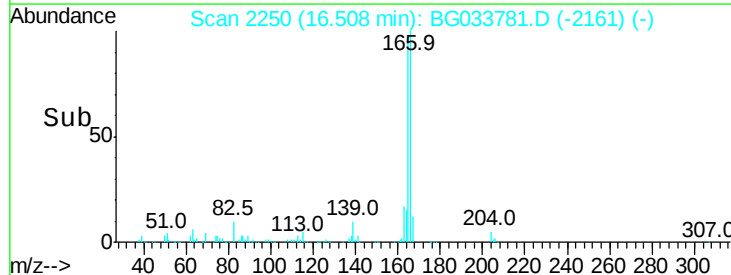
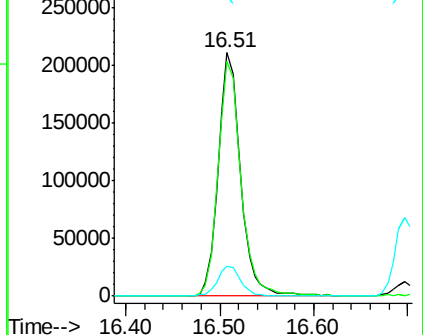


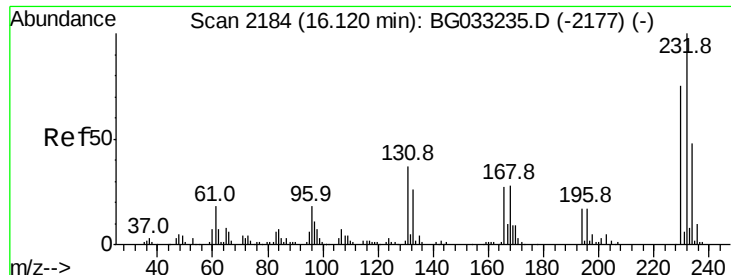
#57
Fluorene
Concen: 20.082 ng
RT: 16.51 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

Tgt Ion:166 Resp: 349007
Ion Ratio Lower Upper
166 100
165 96.1 80.6 121.0
167 12.3 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

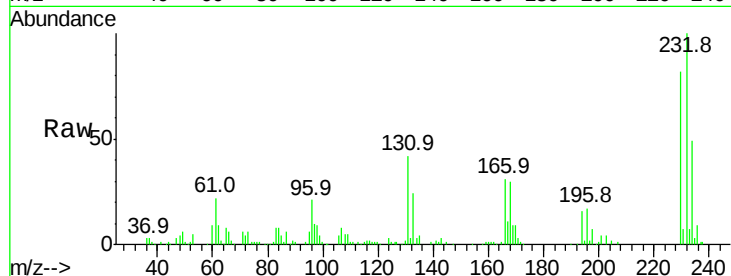




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 21.868 ng
 RT: 16.08 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BG033781.D
 Acq: 12 Apr 2018 20:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	110957
Ion	Ratio	Lower	Upper
232	100		
131	39.6	33.5	50.3
130	2.6	2.2	3.2
166	28.4	24.8	37.2

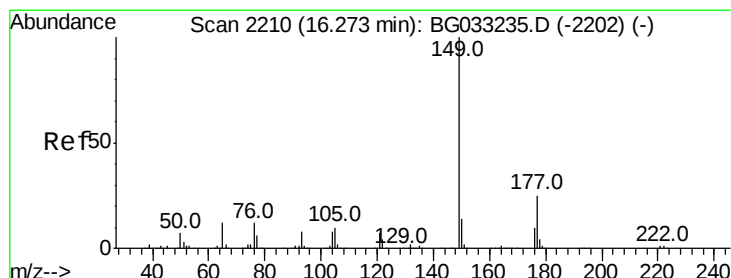
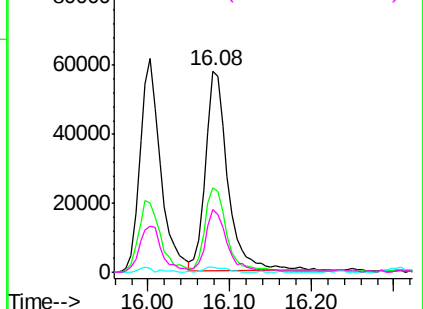
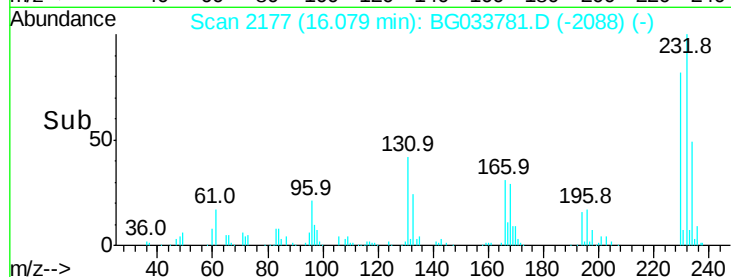


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

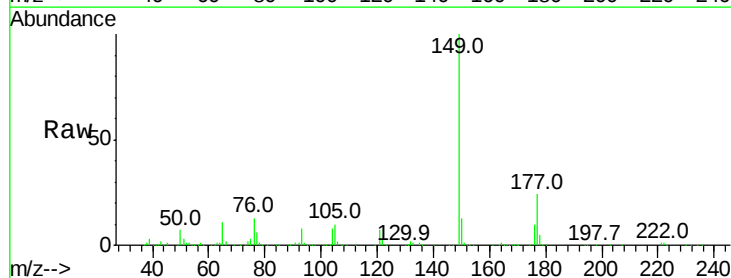
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 20.906 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG033781.D
 Acq: 12 Apr 2018 20:33

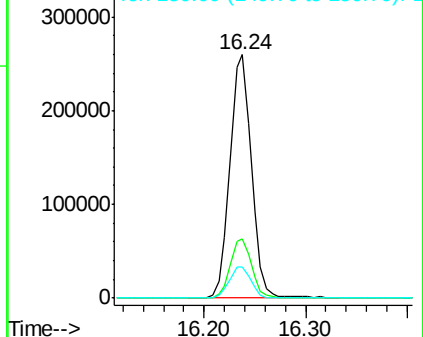
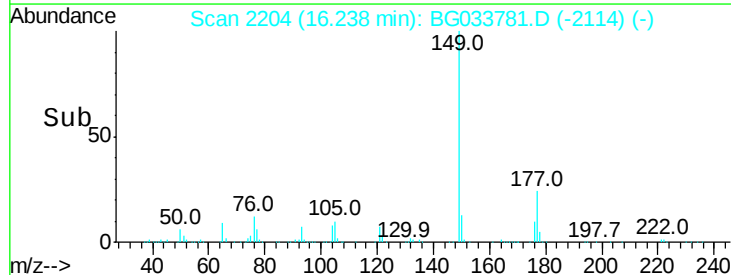
Tgt Ion:	149	Resp:	382782
Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.5	27.7
150	12.7	10.2	15.2

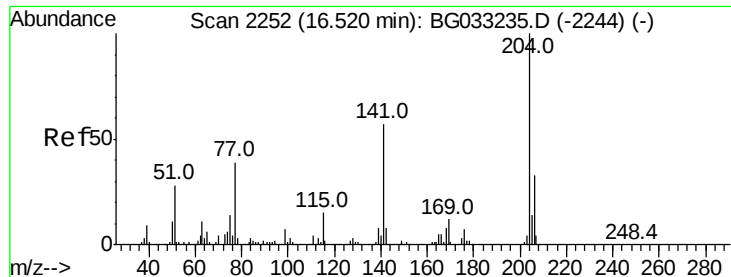


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

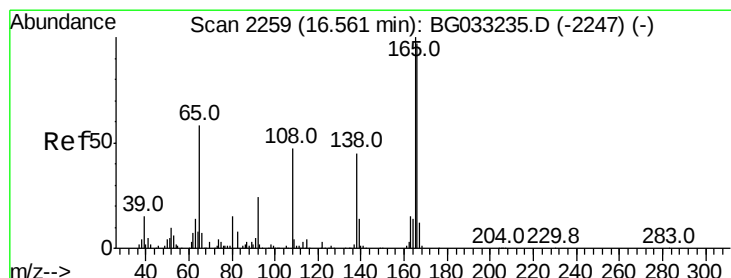
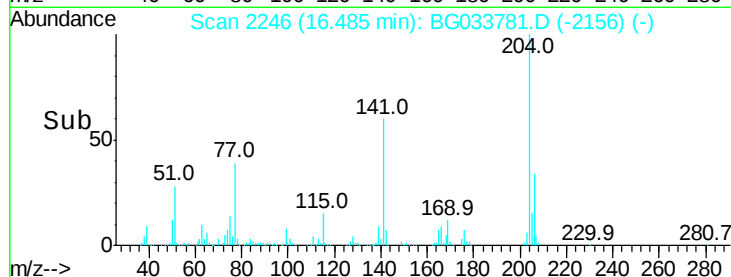
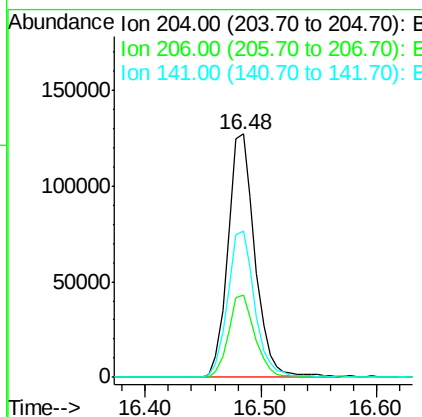
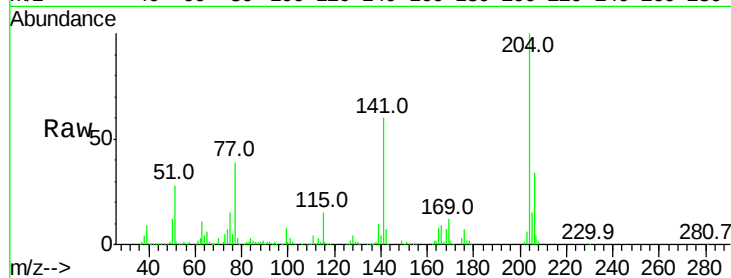




#60
 4-Chlorophenyl-phenylether
 Concen: 20.619 ng
 RT: 16.48 min Scan# 2246
 Delta R.T. 0.00 min
 Lab File: BG033781.D
 Acq: 12 Apr 2018 20:33

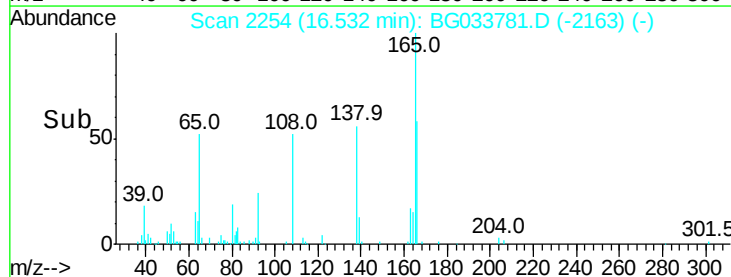
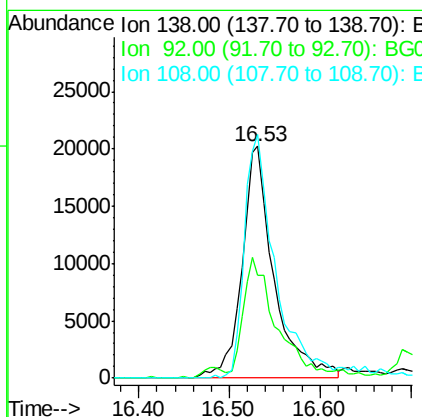
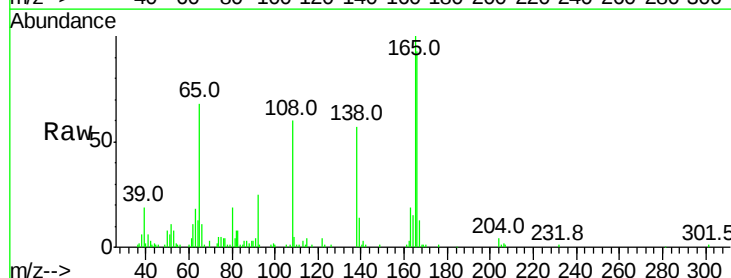
Instrument :
 BNA_G
 ClientSampleId :

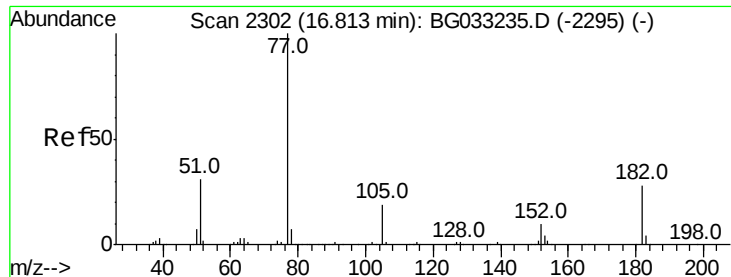
Tot Ion:204 Resp: 205986
 Ion Ratio Lower Upper
 204 100
 206 33.7 26.2 39.2
 141 60.1 45.8 68.6



#61
 4-Nitroaniline
 Concen: 12.076 ng
 RT: 16.53 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: BG033781.D
 Acq: 12 Apr 2018 20:33

Tgt Ion:138 Resp: 49429
 Ion Ratio Lower Upper
 138 100
 92 44.4 40.1 80.1
 108 105.1 65.4 105.4





#62

Azobenzene

Concen: 21.752 ng

RT: 16.78 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 385803

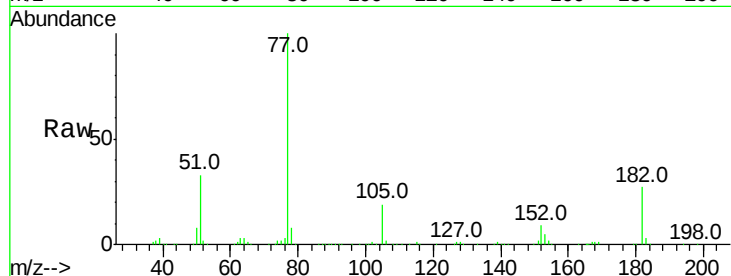
Ion Ratio Lower Upper

77 100

182 27.4 7.4 47.4

105 18.8 0.3 40.3

51 33.3 11.6 51.6

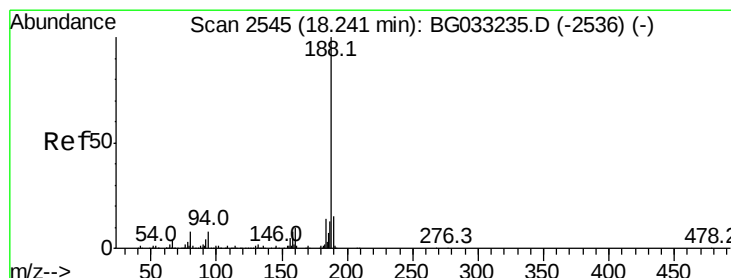
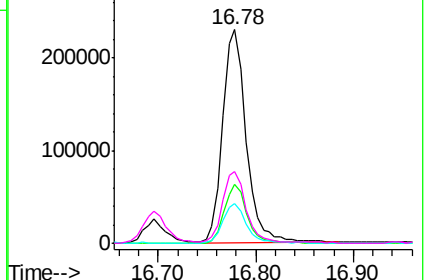
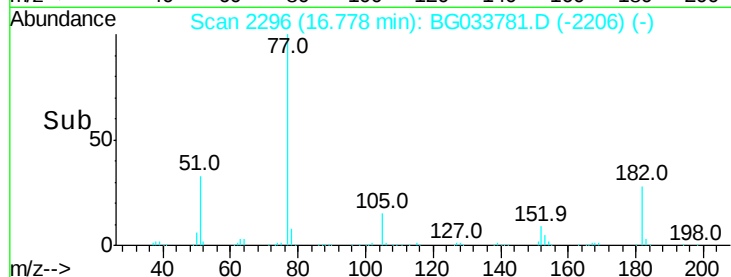


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

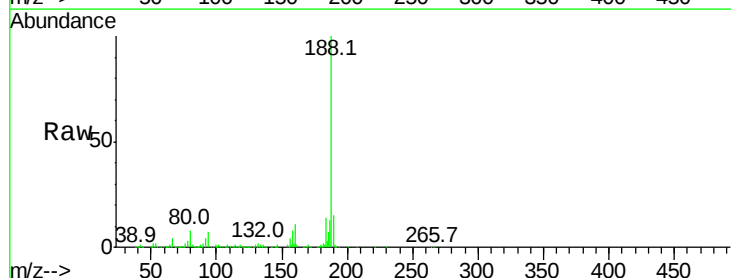
Tgt Ion: 188 Resp: 564043

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

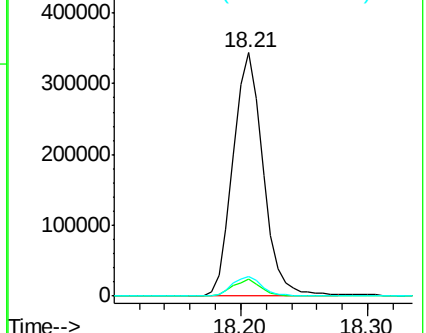
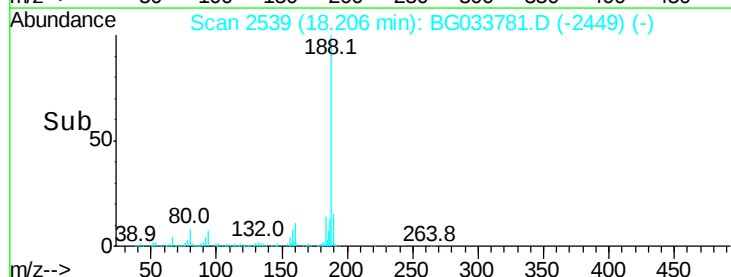
80 8.1 7.7 11.5

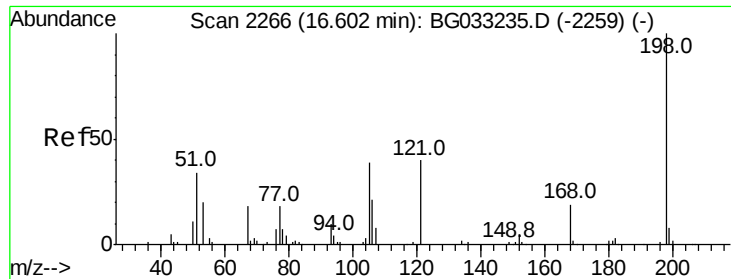


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

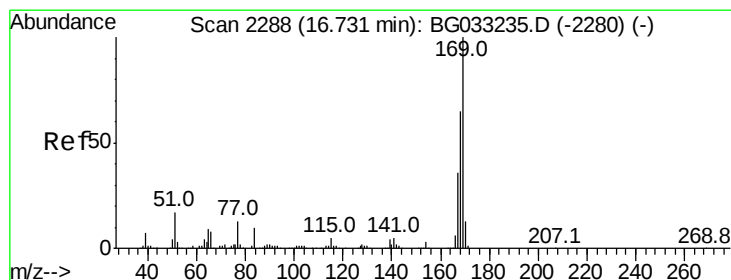
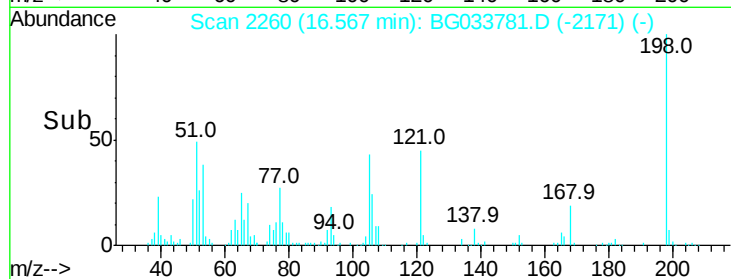
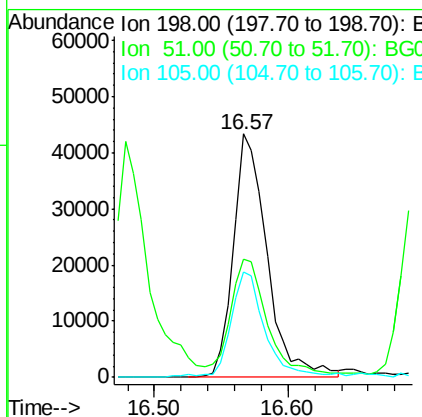
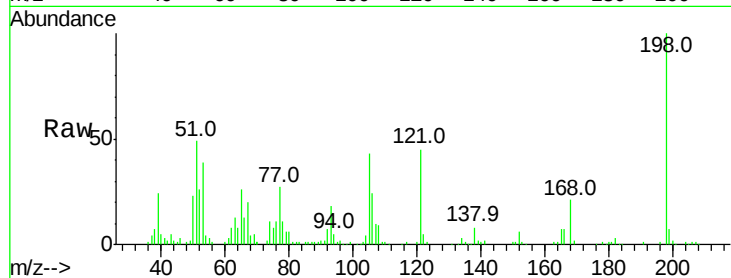




#64
 4,6-Dinitro-2-methylphenol
 Concen: 22.599 ng
 RT: 16.57 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: BG033781.D
 Acq: 12 Apr 2018 20:33

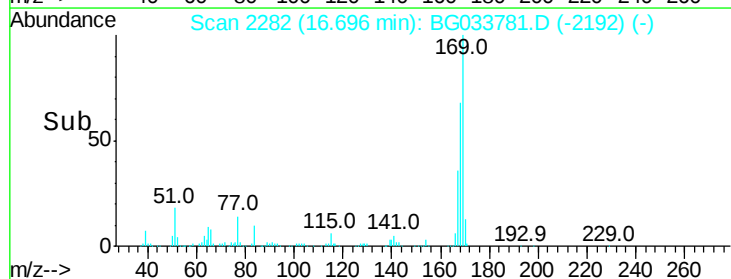
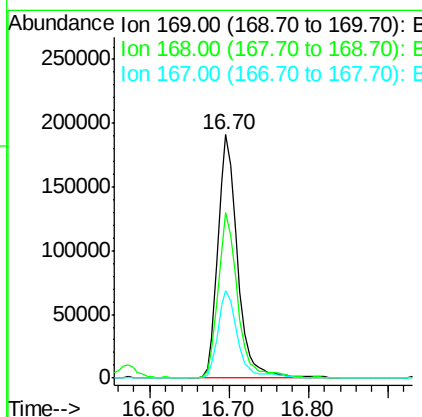
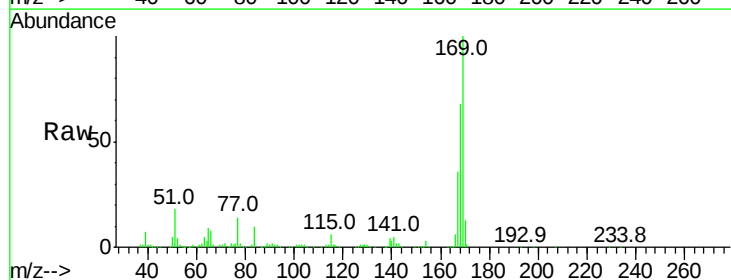
Instrument :
 BNA_G
 ClientSampleId :

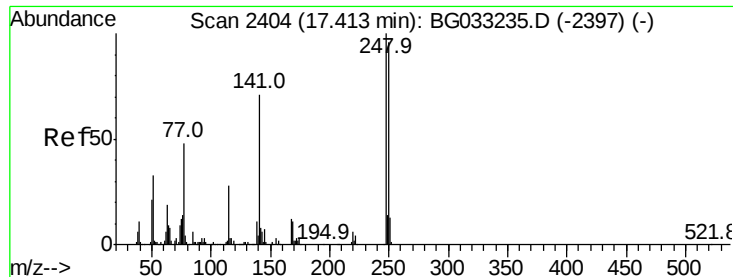
Tot Ion	Ratio	Lower	Upper
198	100		
51	48.5	30.6	70.6
105	43.4	23.8	63.8



#65
 n-Nitrosodiphenylamine
 Concen: 20.391 ng
 RT: 16.70 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: BG033781.D
 Acq: 12 Apr 2018 20:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	55.7	83.5
167	35.8	30.1	45.1

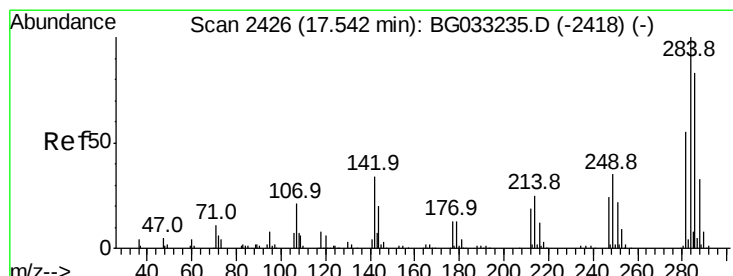
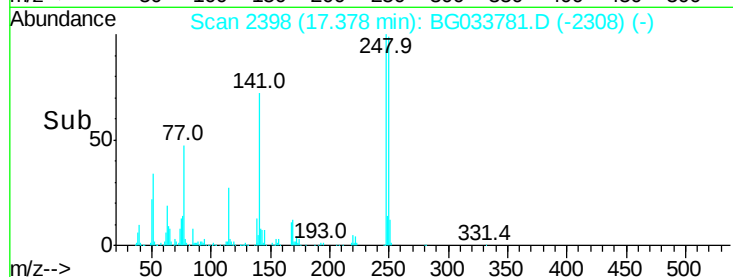
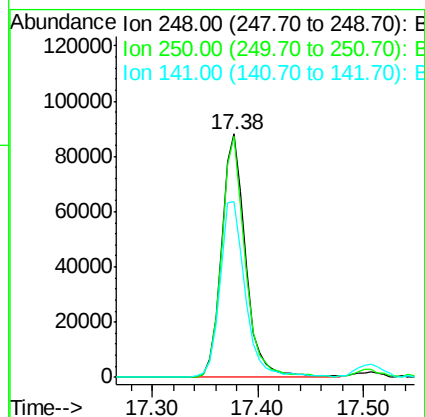
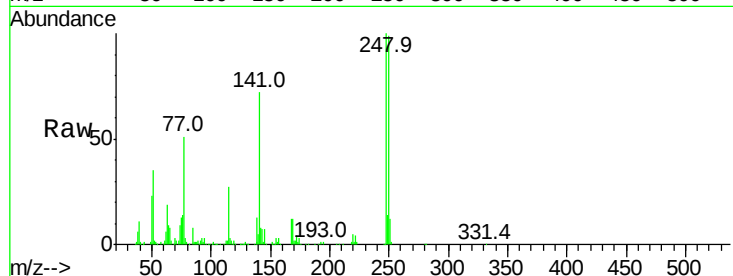




#66
4-Bromophenyl-phenylether
Concen: 21.156 ng
RT: 17.38 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

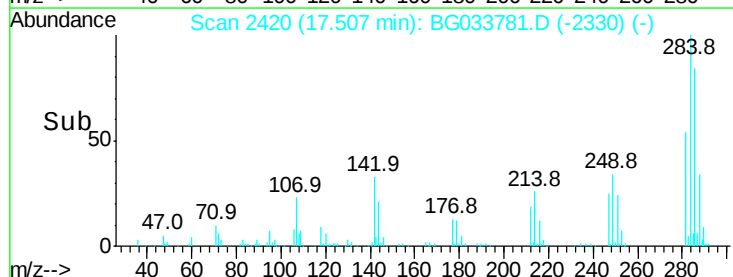
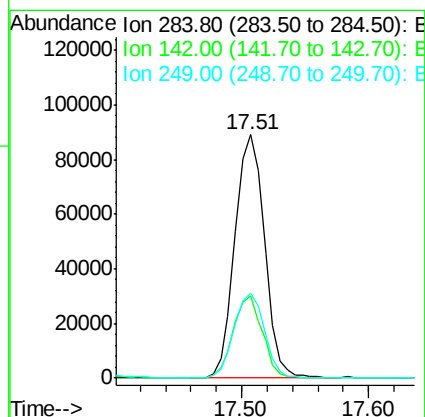
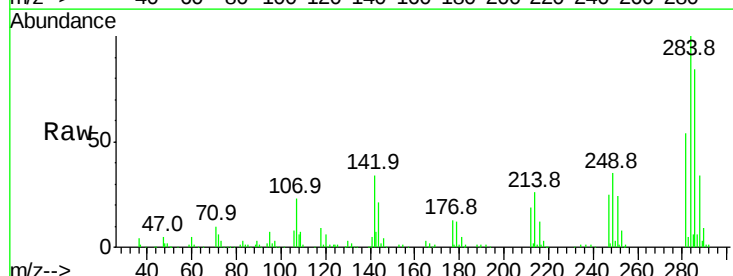
Instrument :
BNA_G
ClientSampleId :

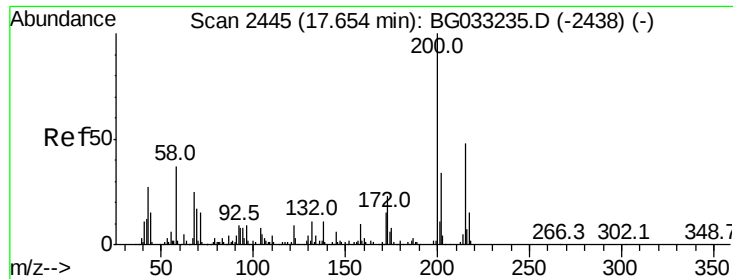
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.1	115.7
141	72.3	50.8	76.2



#67
Hexachlorobenzene
Concen: 20.592 ng
RT: 17.51 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	26.8	40.2
249	38.1	26.3	39.5





#68

Atrazine

Concen: 14.927 ng

RT: 17.61 min Scan# 2438

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampled :

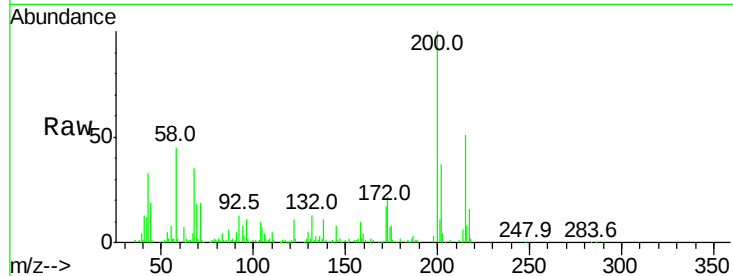
Tot Ion:200 Resp: 97400

Ion Ratio Lower Upper

200 100

173 22.2 5.2 45.2

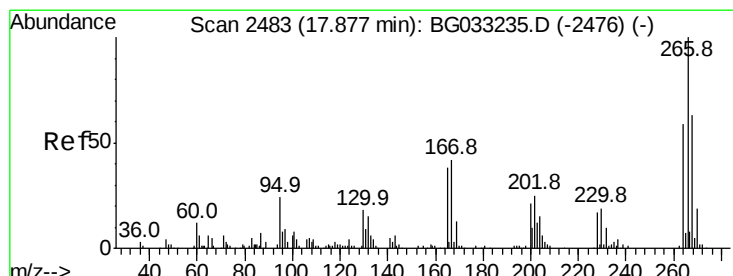
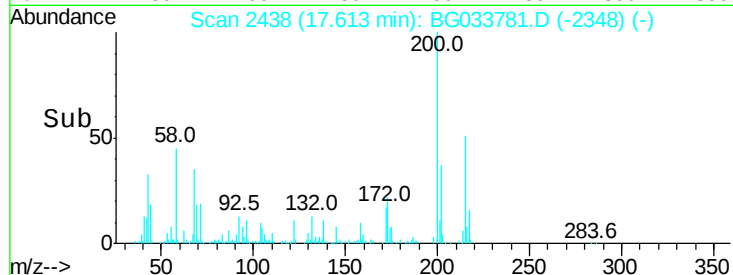
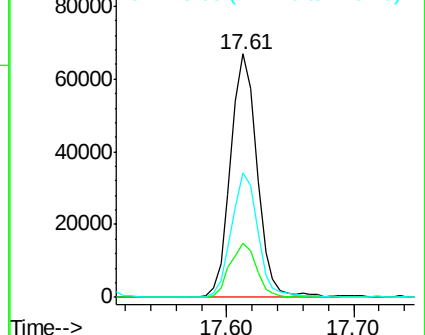
215 51.4 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 36.991 ng

RT: 17.85 min Scan# 2478

Delta R.T. 0.01 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

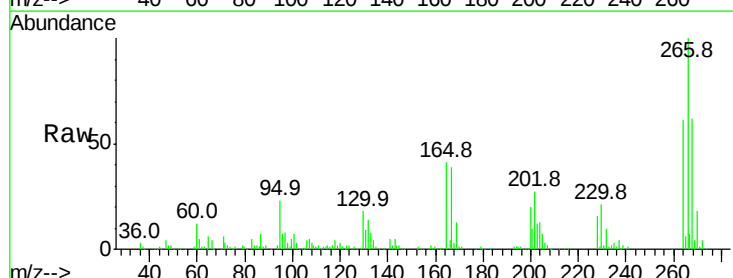
Tgt Ion:266 Resp: 177490

Ion Ratio Lower Upper

266 100

268 62.1 51.1 76.7

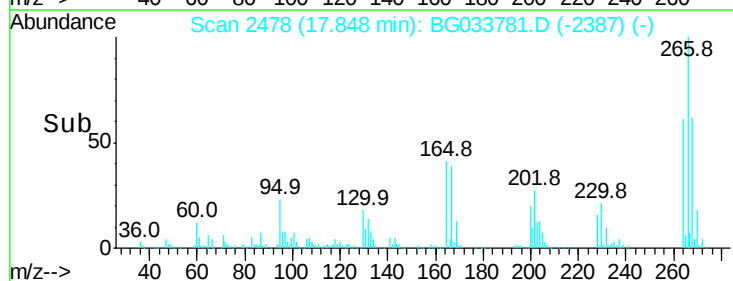
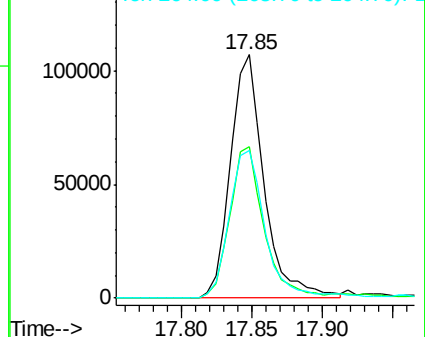
264 60.6 49.6 74.4

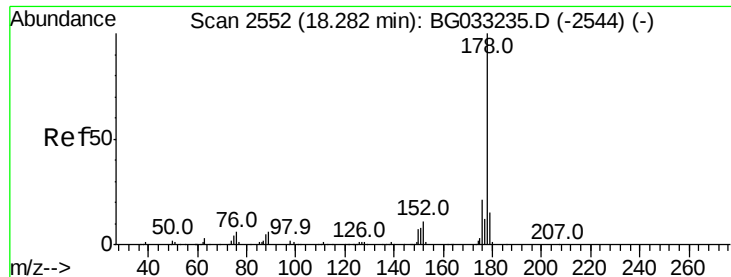


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 20.823 ng

RT: 18.25 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampleId :

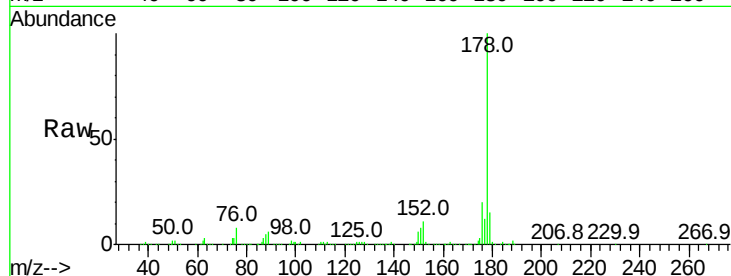
Tot Ion:178 Resp: 611673

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

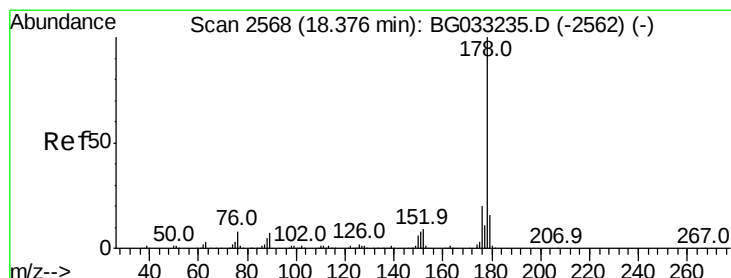
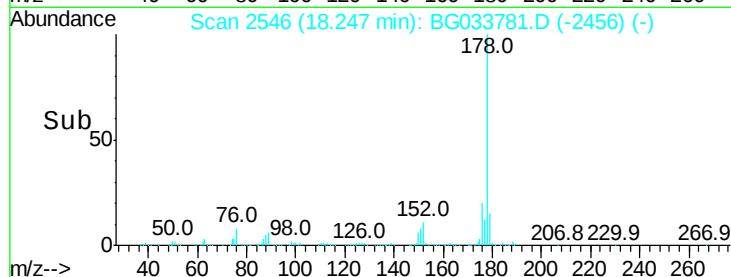
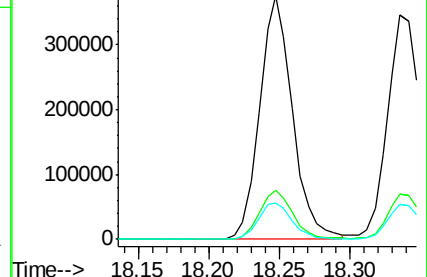
179 15.1 12.5 18.7



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: 20.167 ng

RT: 18.34 min Scan# 2561

Delta R.T. -0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

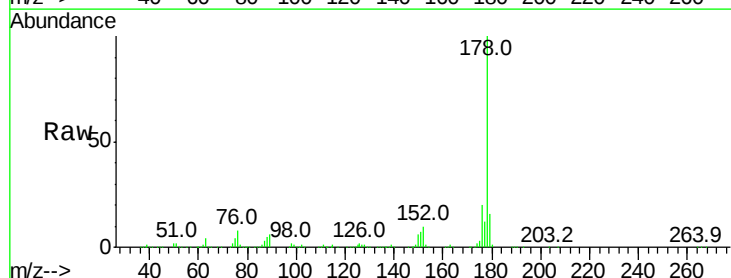
Tgt Ion:178 Resp: 599833

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

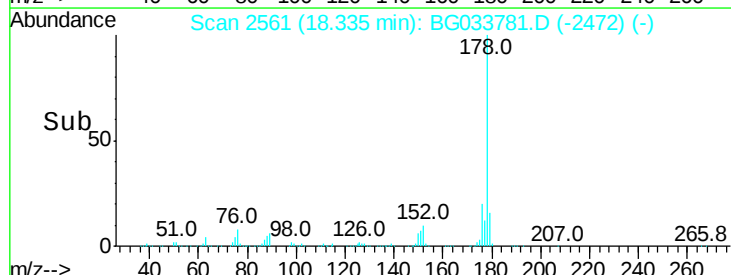
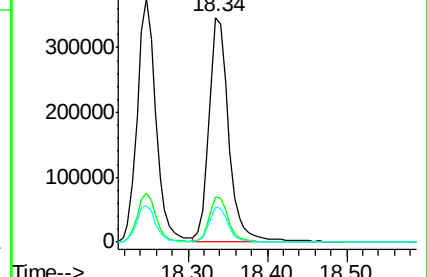
179 15.5 12.5 18.7

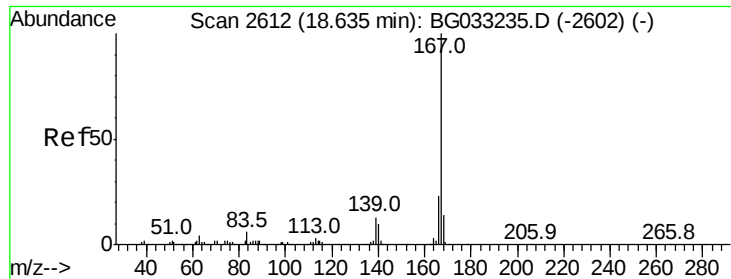


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 21.534 ng

RT: 18.59 min Scan# 2605

Delta R.T. -0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampleId :

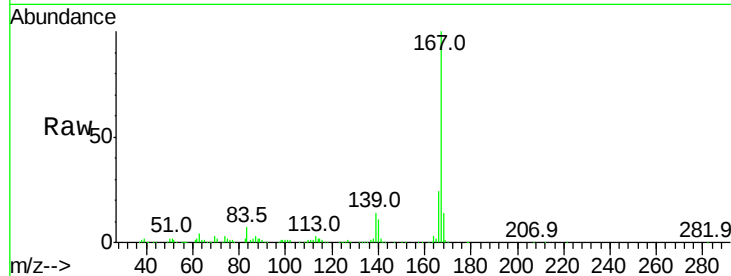
Tot Ion:167 Resp: 567573

Ion Ratio Lower Upper

167 100

166 23.7 18.2 27.4

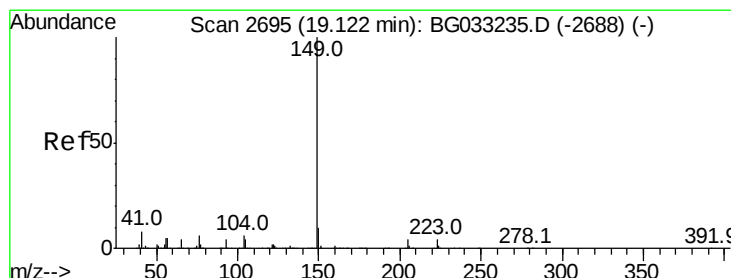
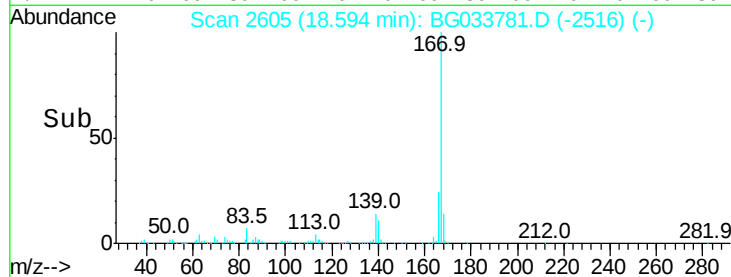
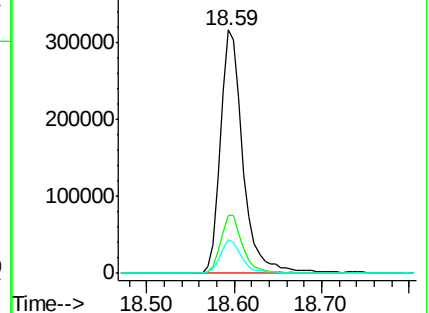
139 13.6 9.4 14.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 22.280 ng

RT: 19.09 min Scan# 2689

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

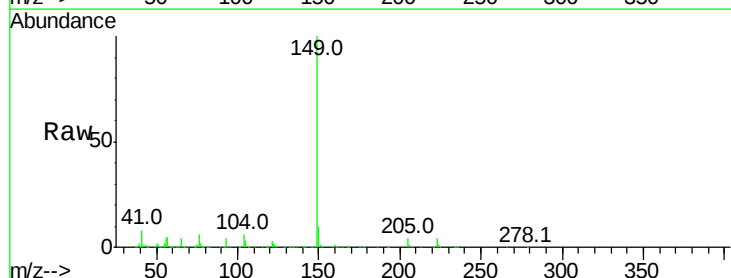
Tgt Ion:149 Resp: 683499

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

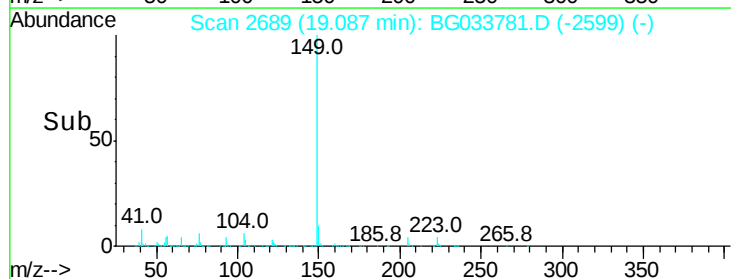
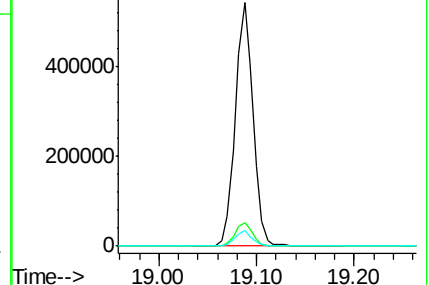
104 6.3 3.9 5.9#

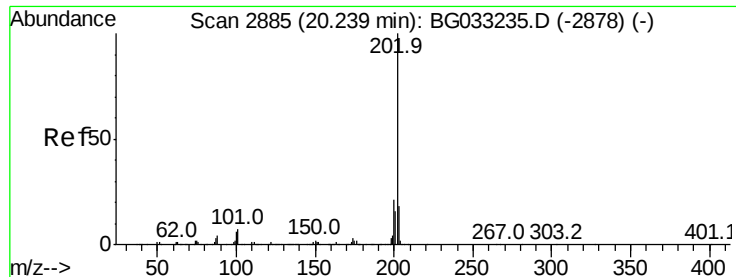


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

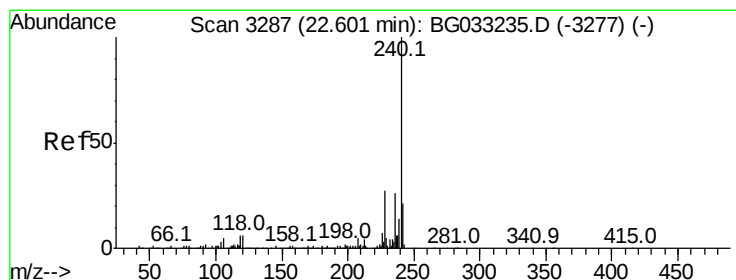
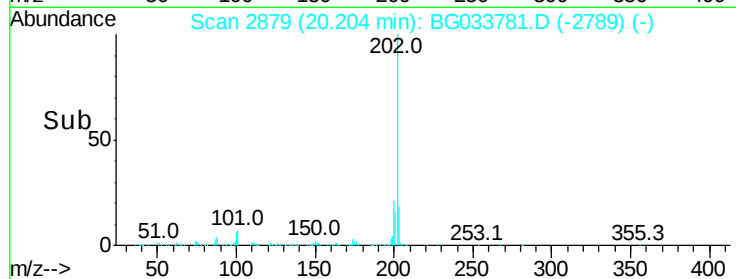
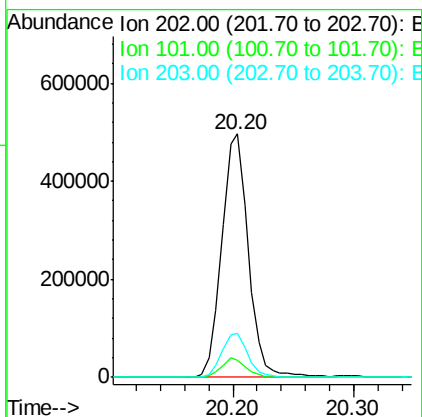
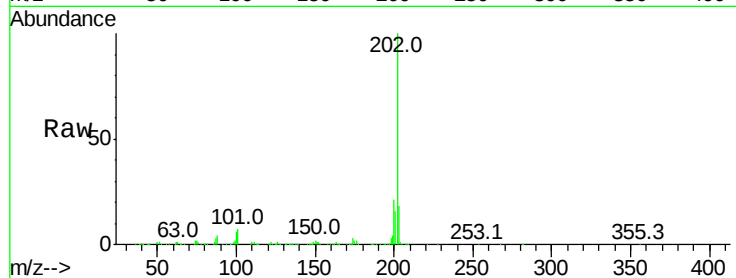




#74
 Fluoranthene
 Concen: 20.783 ng
 RT: 20.20 min Scan# 2879
 Delta R.T. 0.00 min
 Lab File: BG033781.D
 Acq: 12 Apr 2018 20:33

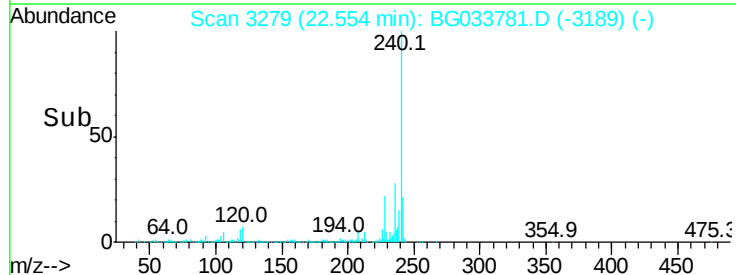
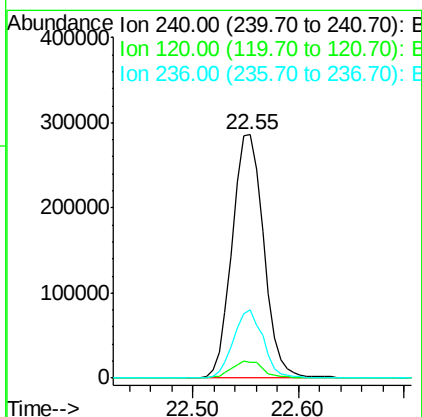
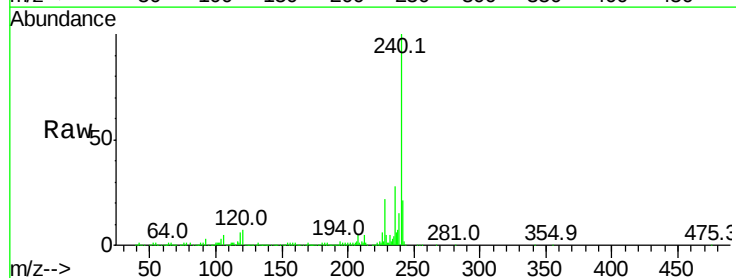
Instrument :
 BNA_G
 ClientSampleId :

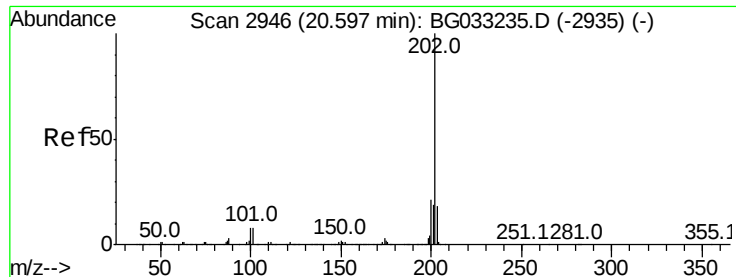
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	28.9
203	17.9	0.0	37.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3279
 Delta R.T. 0.00 min
 Lab File: BG033781.D
 Acq: 12 Apr 2018 20:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.8	10.2#
236	27.8	20.9	31.3

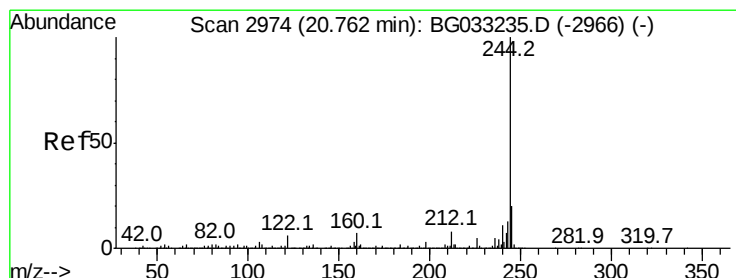
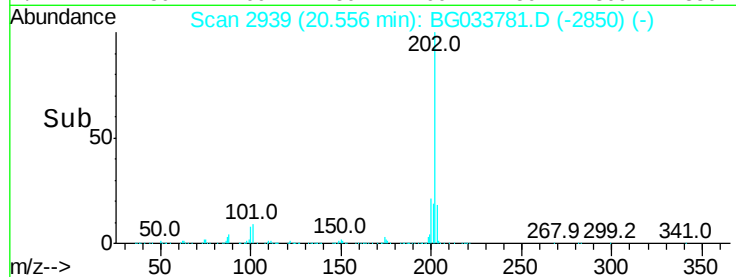
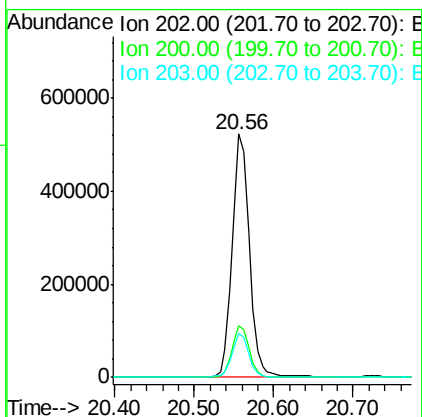
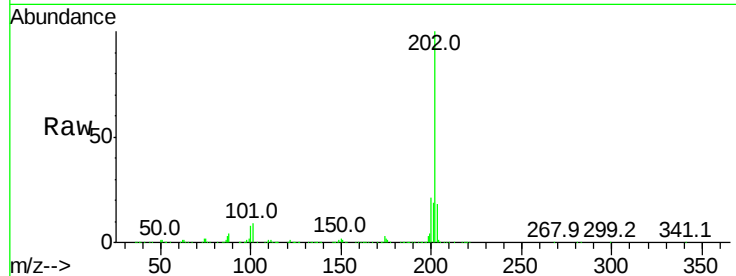




#77
 Pvrene
 Concen: 19.991 ng
 RT: 20.56 min Scan# 2939
 Delta R.T. -0.00 min
 Lab File: BG033781.D
 Acq: 12 Apr 2018 20:33

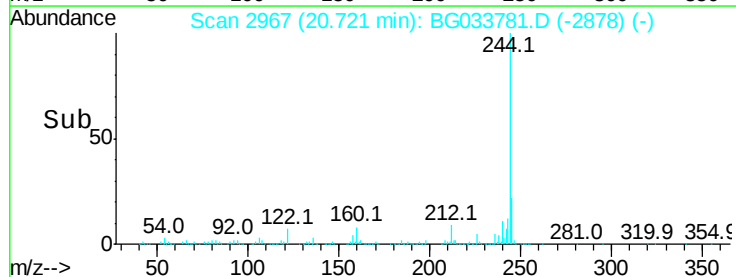
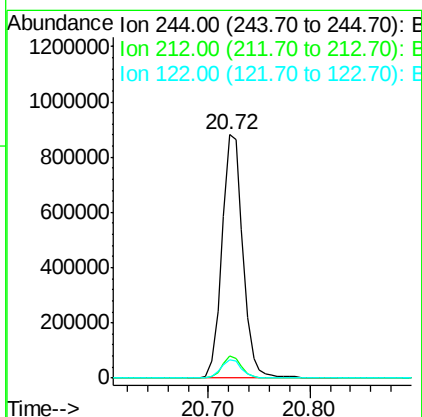
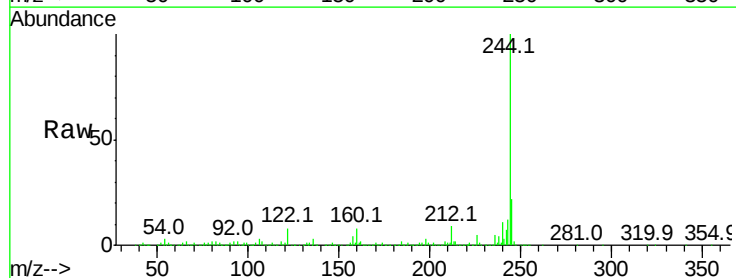
Instrument :
 BNA_G
 ClientSampleId :

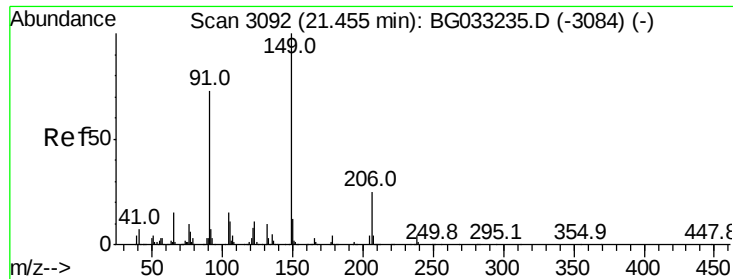
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	18.0	13.9	20.9



#78
 Terphenyl-d14
 Concen: 45.444 ng
 RT: 20.72 min Scan# 2967
 Delta R.T. -0.00 min
 Lab File: BG033781.D
 Acq: 12 Apr 2018 20:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	7.5	7.0	10.4

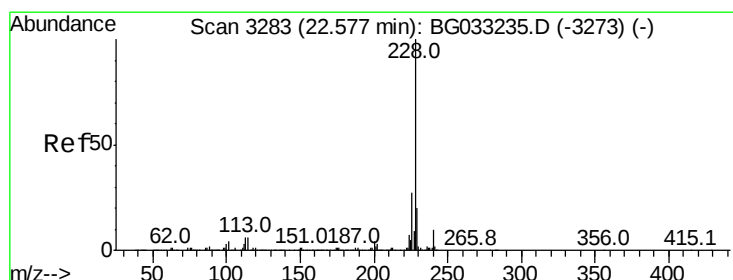
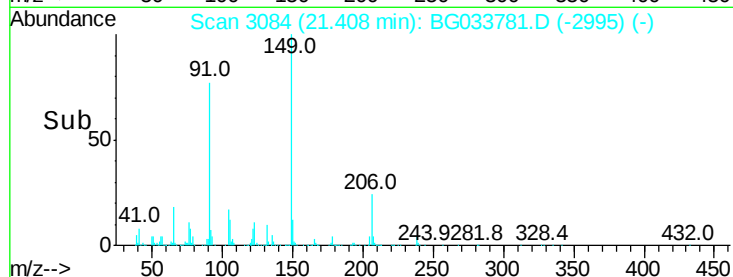
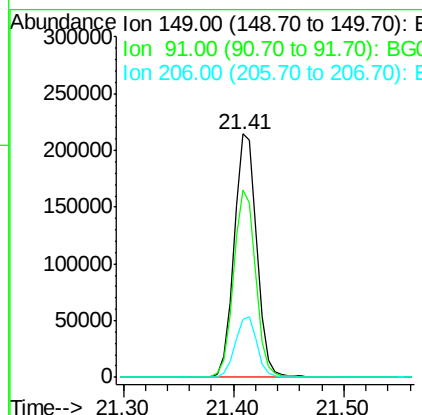
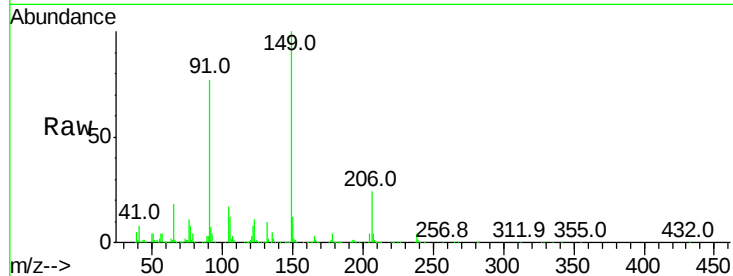




#79
Butylbenzylphthalate
Concen: 21.170 ng
RT: 21.41 min Scan# 3084
Delta R.T. -0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

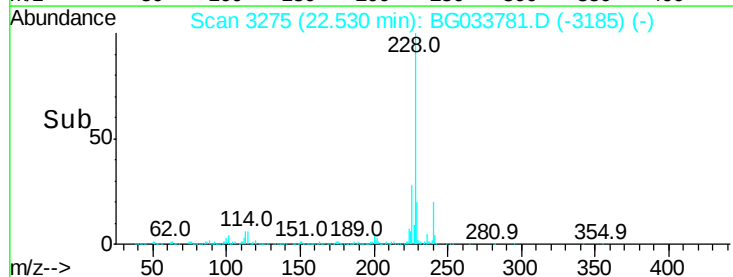
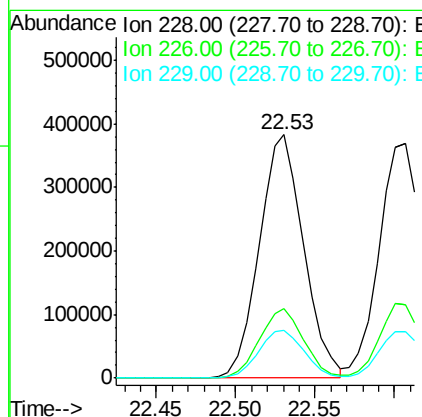
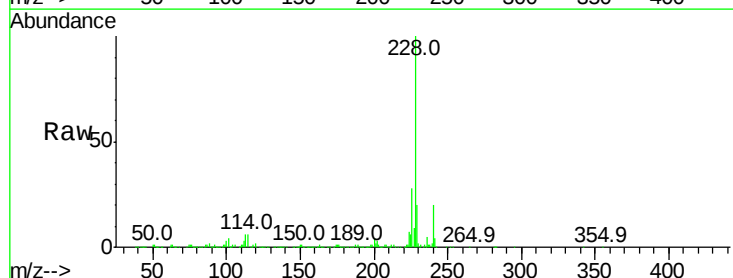
Instrument :
BNA_G
ClientSampleId :

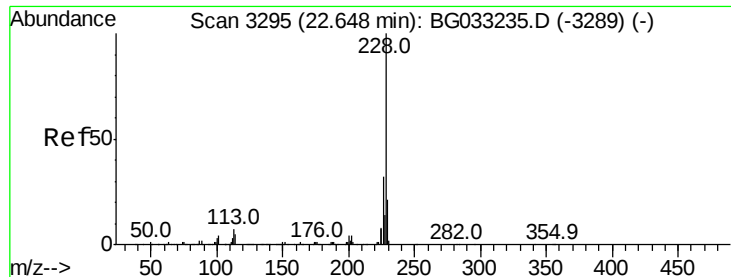
Tot Ion:149 Resp: 308852
Ion Ratio Lower Upper
149 100
91 77.2 62.2 93.2
206 23.6 18.6 27.8



#80
Benzo(a)anthracene
Concen: 19.662 ng
RT: 22.53 min Scan# 3275
Delta R.T. 0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

Tgt Ion:228 Resp: 742128
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 19.6 16.2 24.2





#82

Chrysene

Concen: 19.916 ng

RT: 22.61 min Scan# 3288

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampleId :

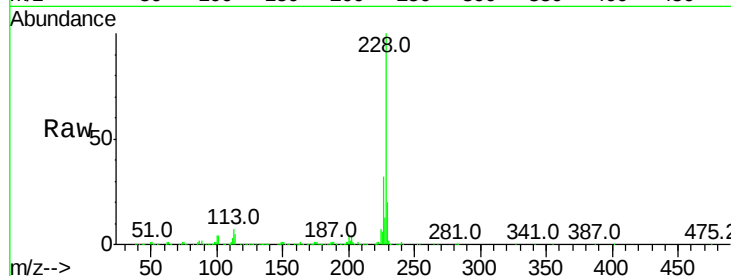
Tot Ion:228 Resp: 727662

Ion Ratio Lower Upper

228 100

226 31.6 24.9 37.3

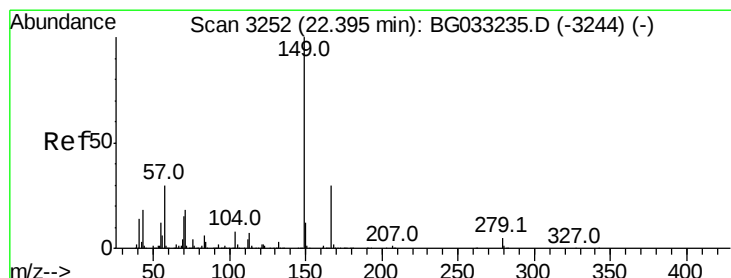
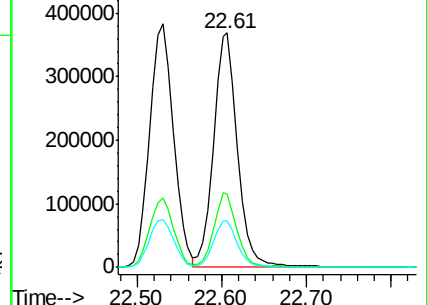
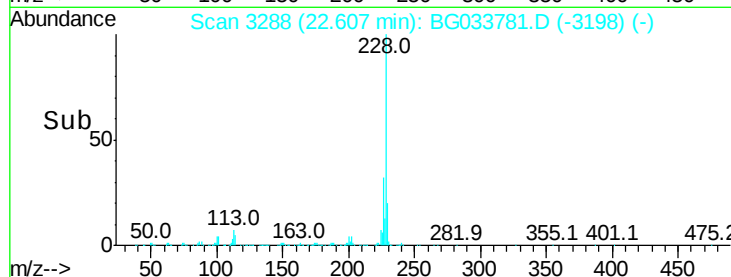
229 20.0 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 21.248 ng

RT: 22.35 min Scan# 3244

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

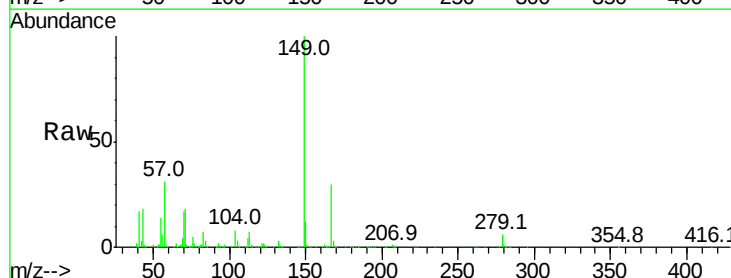
Tgt Ion:149 Resp: 427308

Ion Ratio Lower Upper

149 100

167 29.9 24.3 36.5

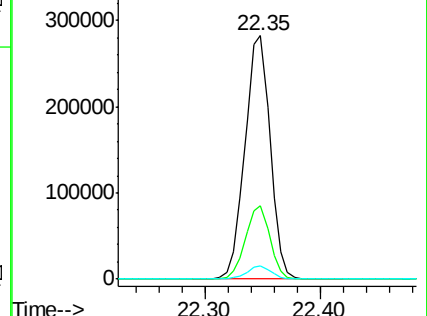
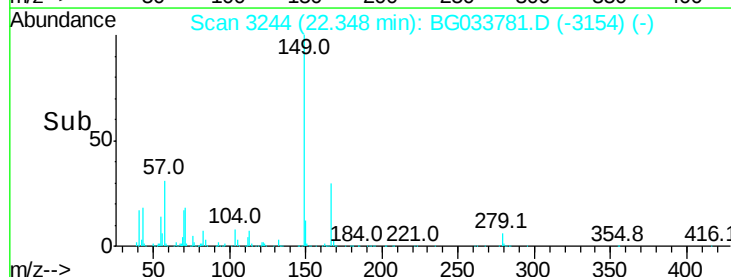
279 5.5 4.0 6.0

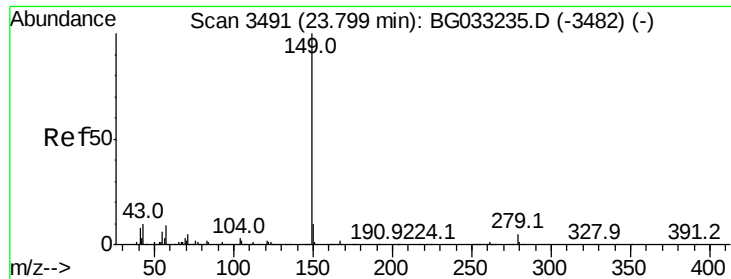


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 23.805 ng

RT: 23.73 min Scan# 3480

Delta R.T. -0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampleId :

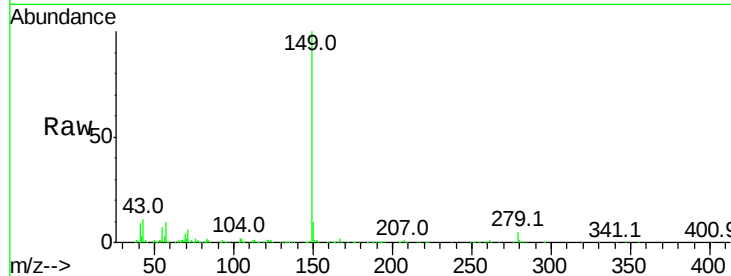
Tot Ion:149 Resp: 732997

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

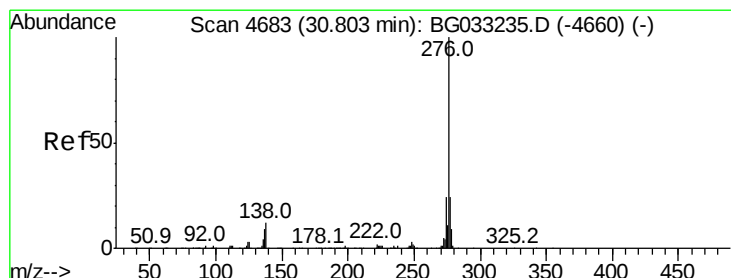
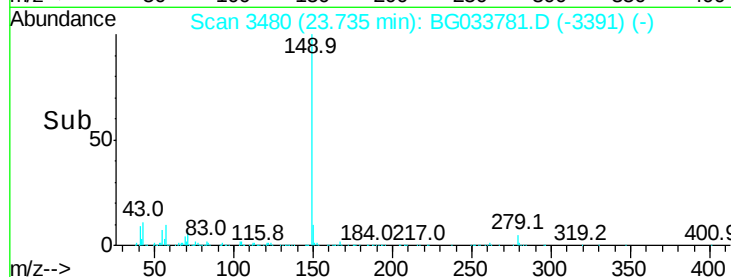
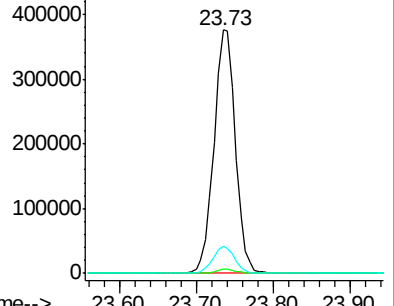
43 11.3 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#85

Indeno(1,2,3-cd)pyrene

Concen: 21.020 ng

RT: 30.67 min Scan# 4661

Delta R.T. -0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

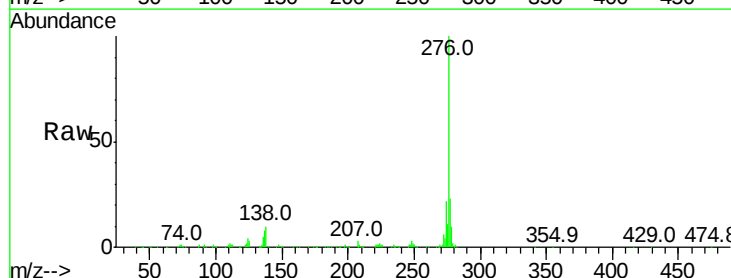
Tgt Ion:276 Resp: 830366

Ion Ratio Lower Upper

276 100

138 5.2 16.0 24.0#

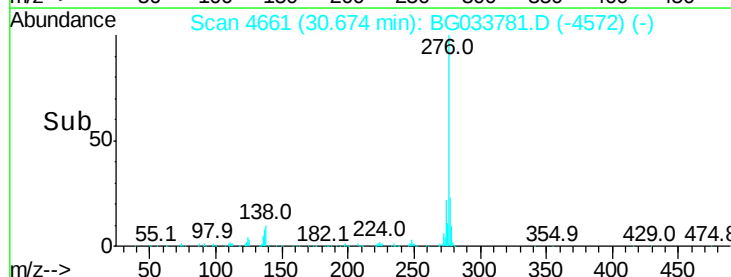
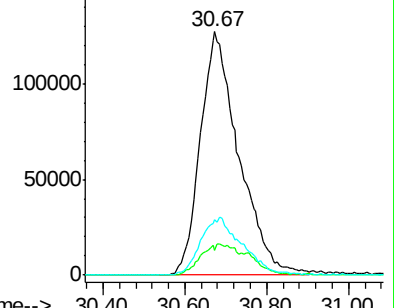
277 25.4 20.0 30.0

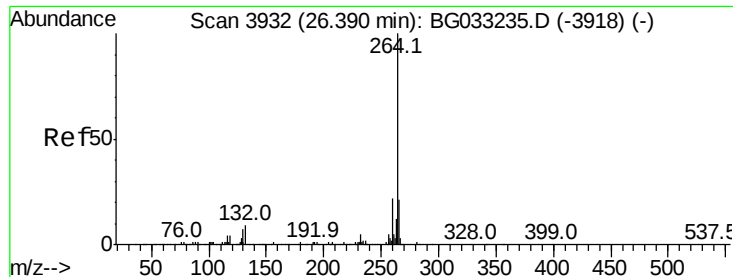


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.31 min Scan# 3918

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampleId :

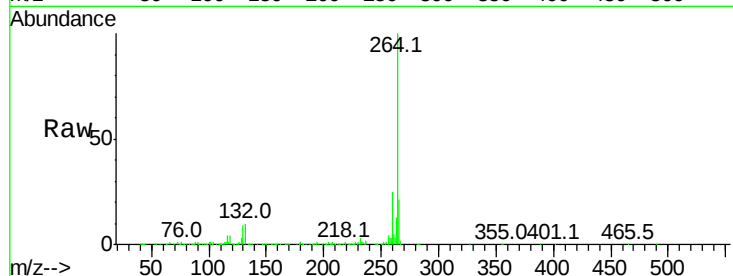
Tot Ion:264 Resp: 633392

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

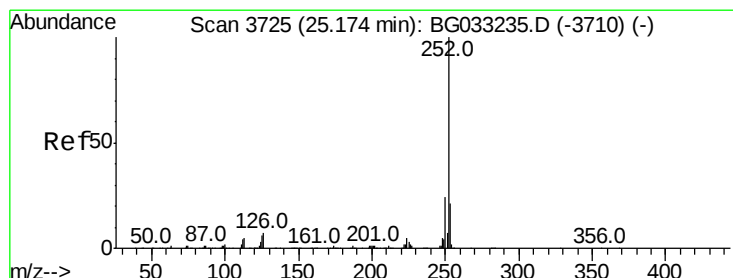
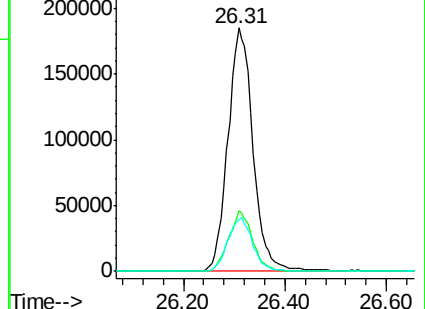
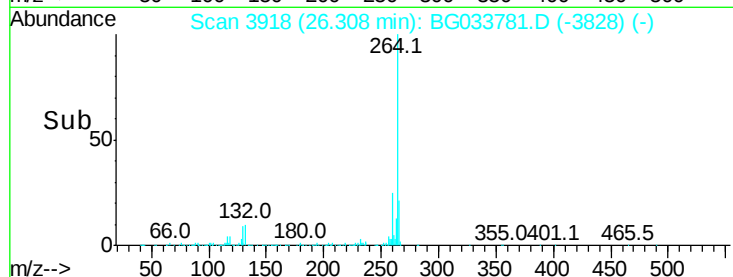
265 21.4 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 19.556 ng

RT: 25.10 min Scan# 3712

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

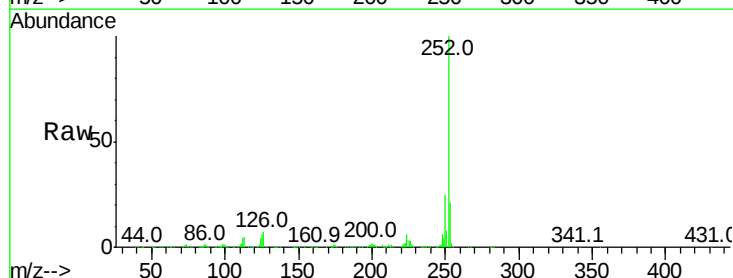
Tgt Ion:252 Resp: 715636

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.4

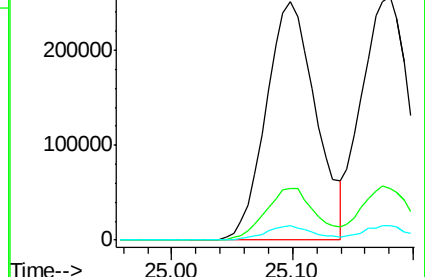
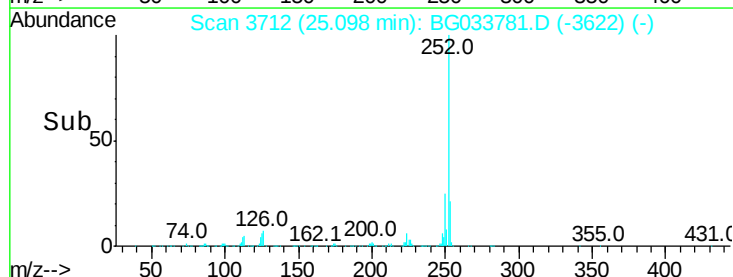
125 6.1 7.2 10.8#

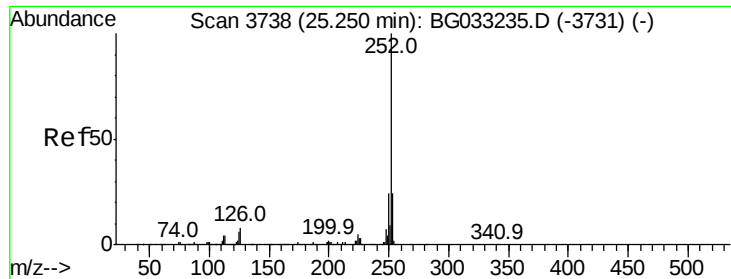


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

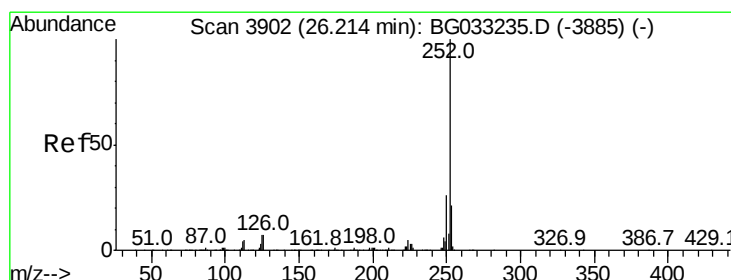
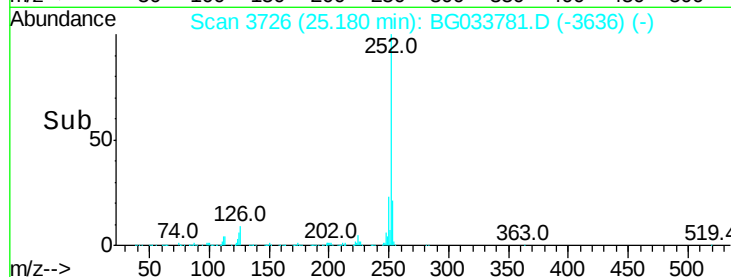
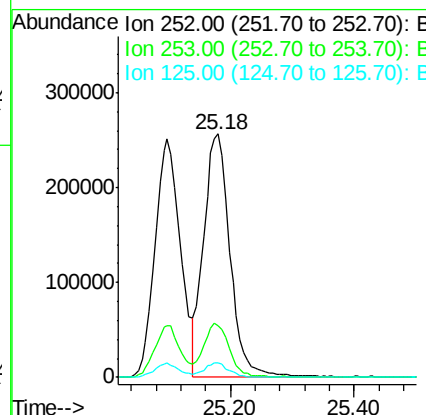
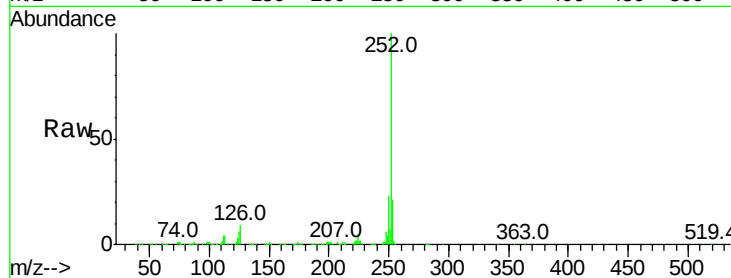




#88
Benzo(k)fluoranthene
Concen: 20.363 ng
RT: 25.18 min Scan# 3726
Delta R.T. 0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

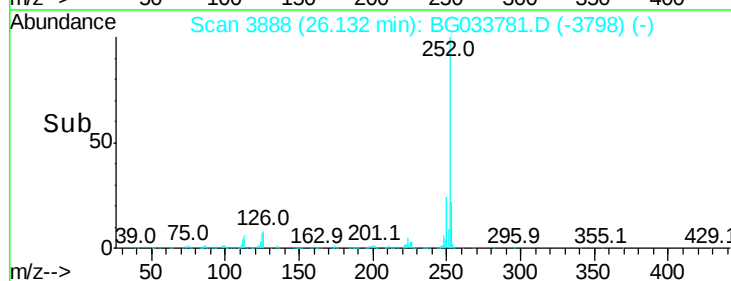
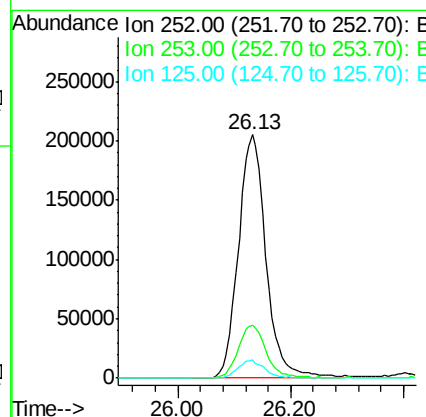
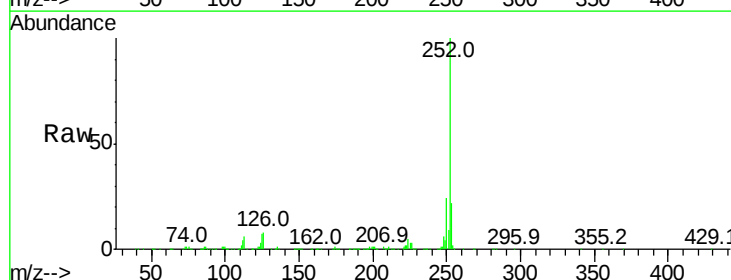
Instrument :
BNA_G
ClientSampleId :

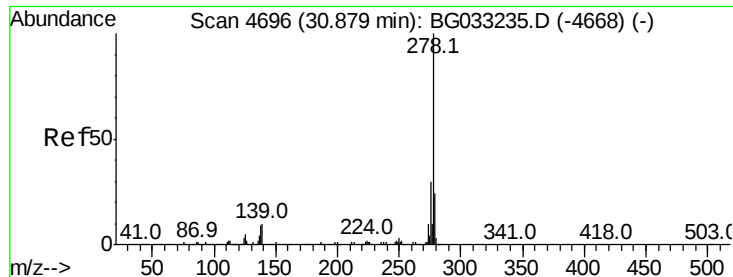
Tot Ion:252 Resp: 753647
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 6.0 6.6 9.8#



#89
Benzo(a)pyrene
Concen: 19.880 ng
RT: 26.13 min Scan# 3888
Delta R.T. 0.00 min
Lab File: BG033781.D
Acq: 12 Apr 2018 20:33

Tgt Ion:252 Resp: 698635
Ion Ratio Lower Upper
252 100
253 21.8 18.3 27.5
125 7.3 7.3 10.9#





#90

Dibenzo(a,h)anthracene

Concen: 20.926 ng

RT: 30.75 min Scan# 4674

Delta R.T. 0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

Instrument :

BNA_G

ClientSampleId :

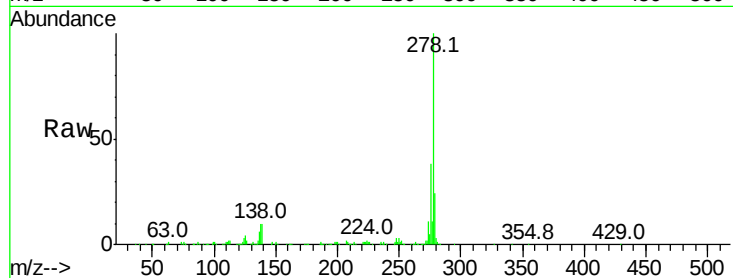
Tot Ion:278 Resp: 692720

Ion	Ratio	Lower	Upper
278	100		
139	10.4	9.8	14.6
279	23.5	18.4	27.6

278 100

139 10.4 9.8 14.6

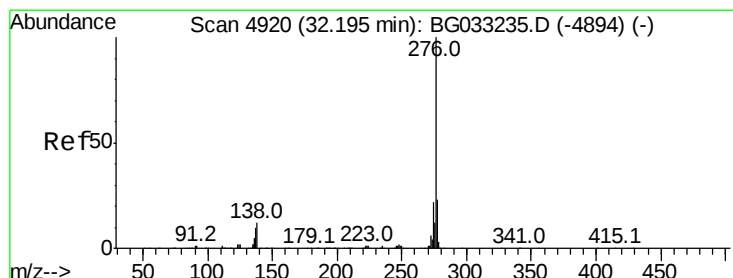
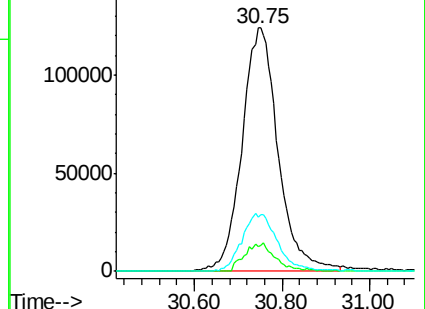
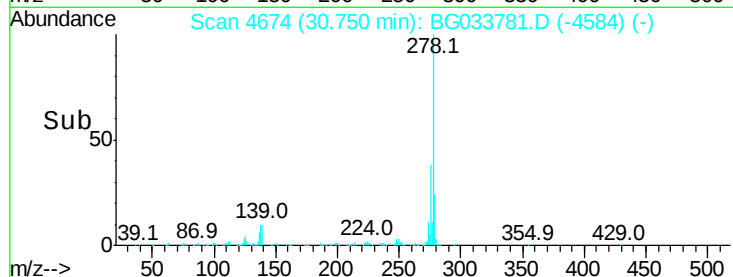
279 23.5 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 19.884 ng

RT: 32.05 min Scan# 4895

Delta R.T. -0.00 min

Lab File: BG033781.D

Acq: 12 Apr 2018 20:33

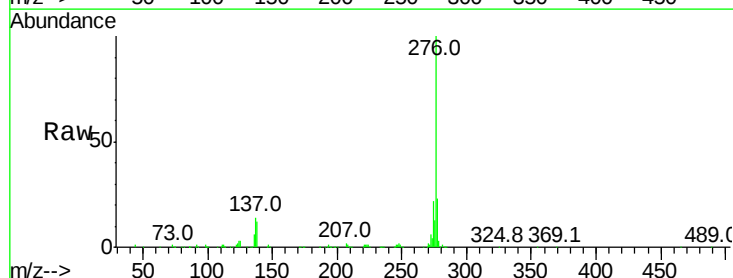
Tgt Ion:276 Resp: 651797

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.3	27.5
138	11.8	13.9	20.9

276 100

277 23.1 18.3 27.5

138 11.8 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

