

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033731.D
 Acq On : 11 Apr 2018 3:46
 Operator : SJ/JU
 Sample : J2156-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 11 05:36:15 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	33340	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	135921	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	103221	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	283176	20.00	ng	0.00
75) Chrysene-d12	22.55	240	299899	20.00	ng	0.00
86) Perylene-d12	26.31	264	320275	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.28	112	299571	168.49	ng	0.00
7) Phenol-d6	7.97	99	420275	137.57	ng	0.00
23) Nitrobenzene-d5	10.06	82	316055	106.83	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	236198	153.00	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	723227	101.15	ng	0.00
78) Terphenyl-d14	20.73	244	1477282	105.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.93	88	36235	40.130	ng	94
3) Pyridine	4.39	79	91595	36.696	ng	97
4) n-Nitrosodimethylamine	4.29	42	49245	48.075	ng	# 82
6) Aniline	8.16	93	32682	9.097	ng	# 87
8) 2-Chlorophenol	8.41	128	96595	47.521	ng	97
9) Benzaldehyde	7.96	77	45897	23.640	ng	91
10) Phenol	7.99	94	125799	41.707	ng	87
11) bis(2-Chloroethyl)ether	8.24	93	96917	39.366	ng	98
12) 1,3-Dichlorobenzene	8.89	146	109923	41.364	ng	95
13) 1,4-Dichlorobenzene	8.89	146	109923	41.302	ng	95
14) 1,2-Dichlorobenzene	9.22	146	107796	41.499	ng	95
15) Benzyl Alcohol	9.09	79	103138	42.879	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.37	45	187076	46.612	ng	89
17) 2-Methylphenol	9.63	107	121758	59.257	ng	90
18) Hexachloroethane	9.97	117	44984	43.793	ng	90
19) n-Nitroso-di-n-propylamine	9.66	70	94977	42.427	ng	99
20) 3+4-Methylphenols	9.63	107	121758	41.619	ng	86
22) Acetophenone	9.70	105	164463	44.166	ng	# 96
24) Nitrobenzene	10.10	77	140022	44.219	ng	93
25) Isophorone	10.61	82	244466	42.576	ng	99
26) 2-Nitrophenol	10.83	139	58019	48.396	ng	# 83
27) 2,4-Dimethylphenol	10.86	122	87043	49.980	ng	92
28) bis(2-Chloroethoxy)methane	11.10	93	123986	43.278	ng	96
29) 2,4-Dichlorophenol	11.37	162	106176	49.574	ng	99
30) 1,2,4-Trichlorobenzene	11.59	180	114467	41.135	ng	92
31) Naphthalene	11.79	128	346227	49.156	ng	99
32) Benzoic acid	10.99	122	47542	29.366	ng	# 81
34) Hexachlorobutadiene	12.05	225	89620	42.588	ng	94
35) Caprolactam	12.62	113	31907	38.026	ng	95
36) 4-Chloro-3-methylphenol	12.95	107	136506	48.867	ng	94
37) 2-Methylnaphthalene	13.34	142	216424	39.588	ng	89
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	145472	38.907	ng	99
40) Hexachlorocyclopentadiene	13.66	237	172296	78.607	ng	95
42) 2,4,6-Trichlorophenol	13.92	196	98478	45.333	ng	98

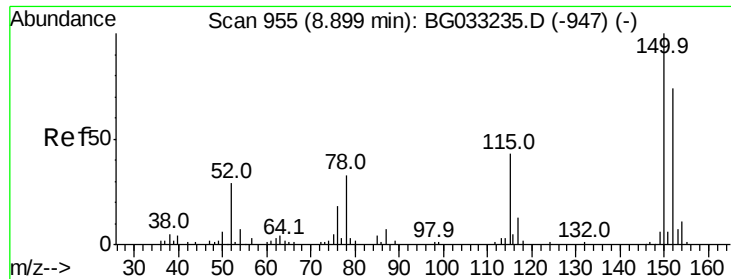
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033731.D
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	14.00	196	114233	44.489	ng	98
45) 1,1'-Biphenyl	14.32	154	335005	42.244	ng	94
46) 2-Chloronaphthalene	14.37	162	259894	42.504	ng	96
47) 2-Nitroaniline	14.56	65	104721	45.725	ng	87
48) Acenaphthylene	15.20	152	417714	40.926	ng	98
49) Dimethylphthalate	14.90	163	385714	42.938	ng	99
50) 2,6-Dinitrotoluene	15.03	165	84417	45.959	ng	99
51) Acenaphthene	15.54	154	321101	48.803	ng	96
52) 3-Nitroaniline	15.38	138	11193	5.812	ng #	88
53) 2,4-Dinitrophenol	15.57	184	93696	96.736	ng #	77
54) Dibenzofuran	15.87	168	430744	44.321	ng	92
55) 4-Nitrophenol	15.66	139	123561	91.250	ng #	81
56) 2,4-Dinitrotoluene	15.81	165	126746	46.865	ng #	95
57) Fluorene	16.51	166	340127	41.080	ng	97
58) 2,3,4,6-Tetrachlorophenol	16.08	232	112060	46.358	ng	98
59) Diethylphthalate	16.24	149	398123	45.642	ng	99
60) 4-Chlorophenyl-phenylether	16.48	204	206743	43.438	ng	100
61) 4-Nitroaniline	16.53	138	44155	22.643	ng	89
62) Azobenzene	16.78	77	388932	46.029	ng	97
64) 4,6-Dinitro-2-methylphenol	16.57	198	78852	46.547	ng	98
65) n-Nitrosodiphenylamine	16.70	169	326469	40.383	ng	97
66) 4-Bromophenyl-phenylether	17.38	248	141358	42.505	ng	97
67) Hexachlorobenzene	17.51	284	144767	41.247	ng	95
68) Atrazine	17.61	200	95574	29.175	ng	97
69) Pentachlorophenol	17.84	266	189289	78.578	ng	99
70) Phenanthrene	18.25	178	602507	40.854	ng	97
71) Anthracene	18.34	178	610435	40.880	ng	99
72) Carbazole	18.60	167	579321	43.781	ng	96
73) Di-n-butylphthalate	19.09	149	705140	45.783	ng #	99
74) Fluoranthene	20.20	202	794330	43.524	ng	98
77) Pyrene	20.56	202	819884	40.991	ng	99
79) Butylbenzylphthalate	21.41	149	333925	45.241	ng	96
80) Benzo(a)anthracene	22.53	228	769214	40.281	ng	99
81) 3,3'-Dichlorobenzidine	22.42	252	31503	4.636	ng #	94
82) Chrysene	22.61	228	758441	41.029	ng	98
83) Bis(2-ethylhexyl)phthalate	22.35	149	458736	45.086	ng	98
84) Di-n-octyl phthalate	23.74	149	780326	50.089	ng	100
85) Indeno(1,2,3-cd)pyrene	30.69	276	868947	43.478	ng #	78
87) Benzo(b)fluoranthene	25.10	252	727452	39.314	ng #	96
88) Benzo(k)fluoranthene	25.18	252	767582	41.015	ng	98
89) Benzo(a)pyrene	26.14	252	736525	41.448	ng #	98
90) Dibenzo(a,h)anthracene	30.77	278	743939	44.445	ng	98
91) Benzo(g,h,i)perylene	32.07	276	706013	42.595	ng	97

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

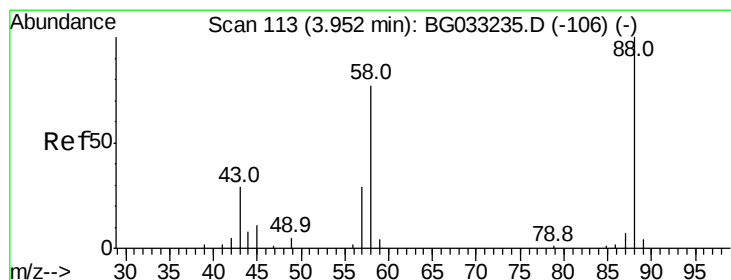
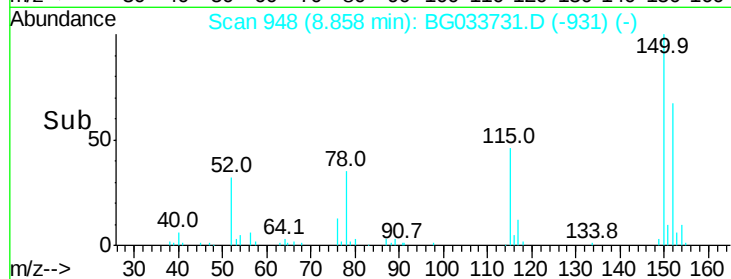
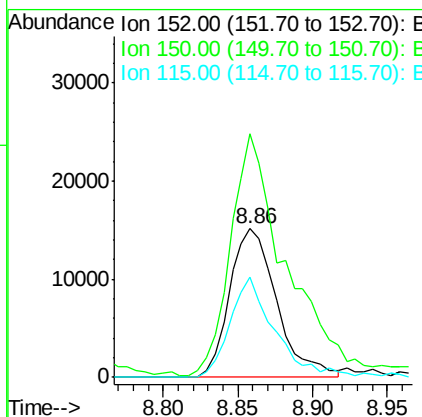
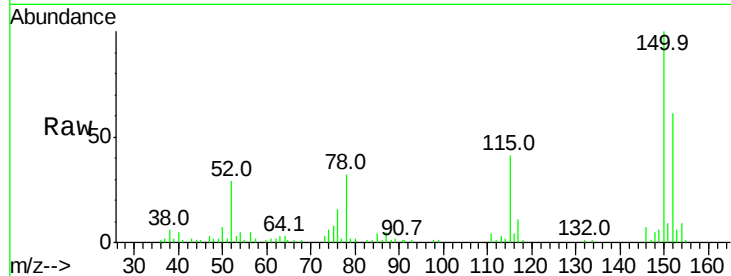


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Instrument :
BNA_G
ClientSampleId :

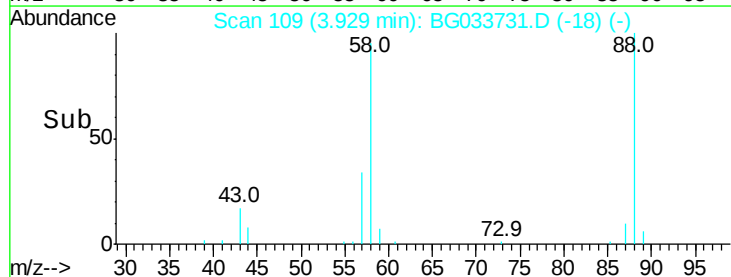
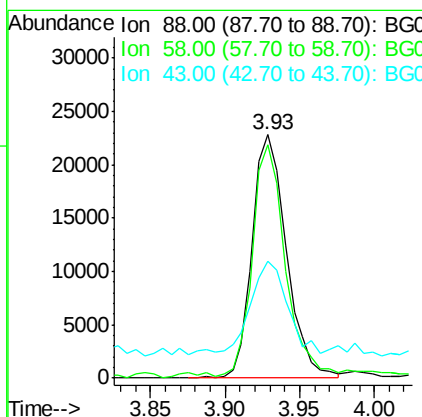
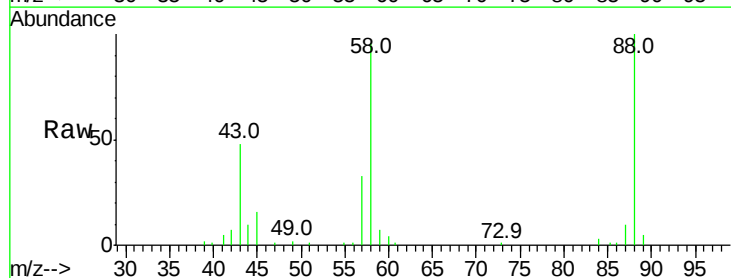
Tot Ion:152 Resp: 33340
Ion Ratio Lower Upper
152 100
150 163.9 126.6 189.8
115 67.9 53.0 79.4

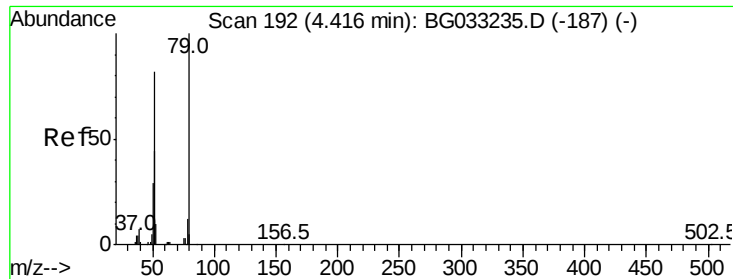


#2

1,4-Dioxane
Concen: 40.130 ng
RT: 3.93 min Scan# 109
Delta R.T. 0.01 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion: 88 Resp: 36235
Ion Ratio Lower Upper
88 100
58 94.7 79.6 119.4
43 38.9 27.4 41.0





#3

Pvridine

Concen: 36.696 ng

RT: 4.39 min Scan# 188

Delta R.T. 0.01 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

ClientSampleId :

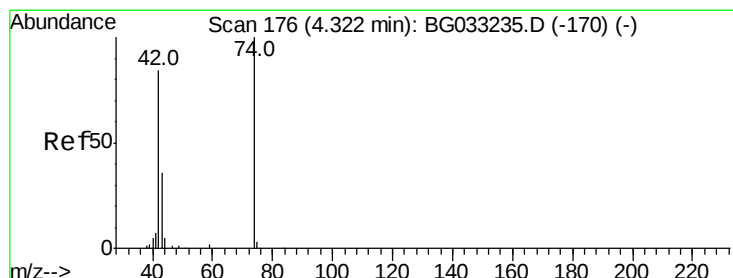
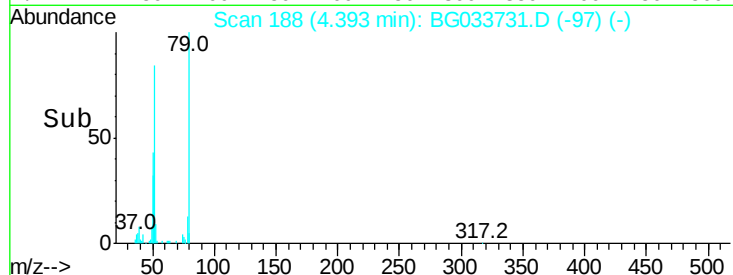
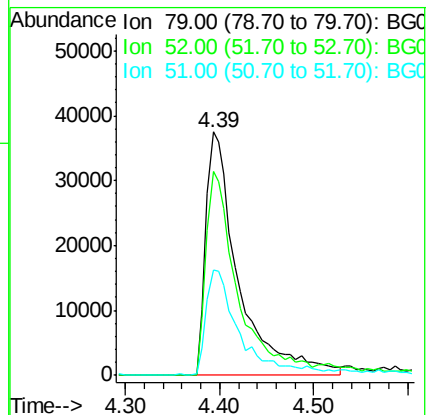
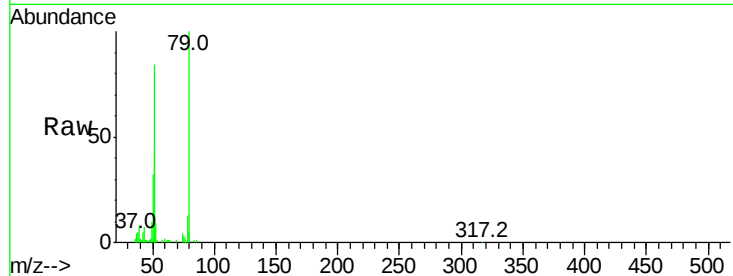
Tot Ion: 79 Resp: 91595

Ion Ratio Lower Upper

79 100

52 83.6 69.9 104.9

51 43.4 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 48.075 ng

RT: 4.29 min Scan# 171

Delta R.T. -0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

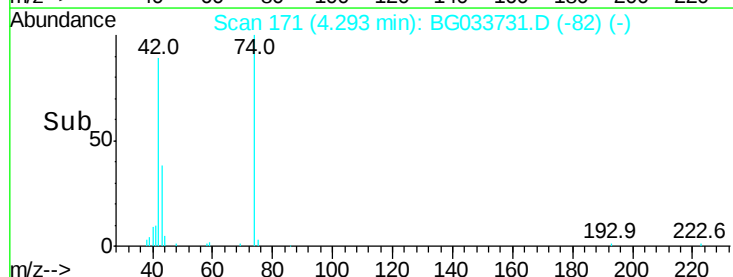
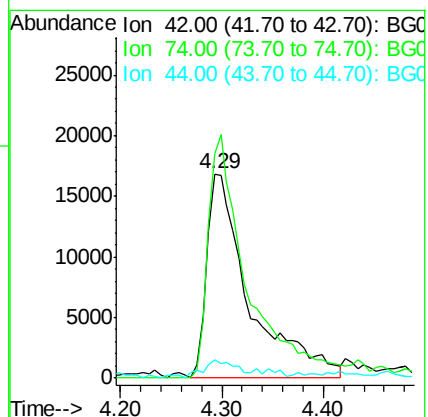
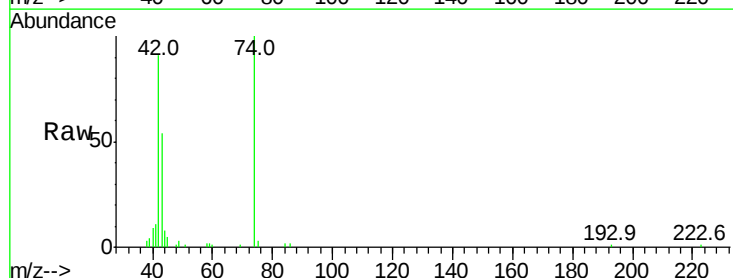
Tgt Ion: 42 Resp: 49245

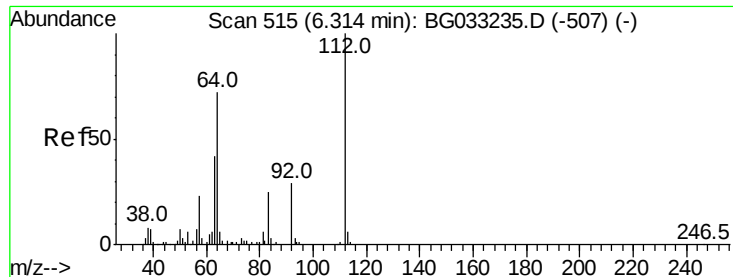
Ion Ratio Lower Upper

42 100

74 110.2 102.5 153.7

44 8.9 18.9 28.3#





#5

2-Fluorophenol

Concen: 168.486 ng

RT: 6.28 min Scan# 510

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

ClientSampled :

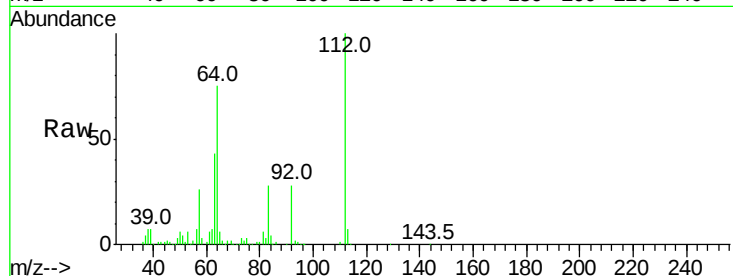
Tot Ion:112 Resp: 299571

Ion Ratio Lower Upper

112 100

64 74.6 56.3 84.5

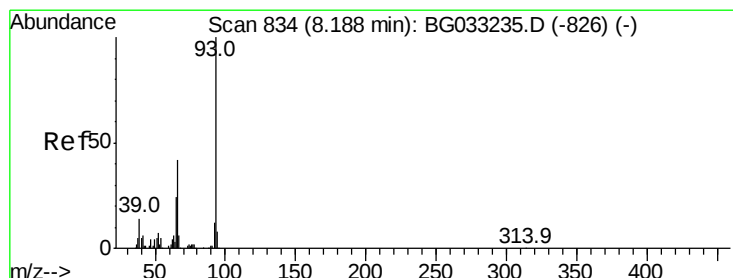
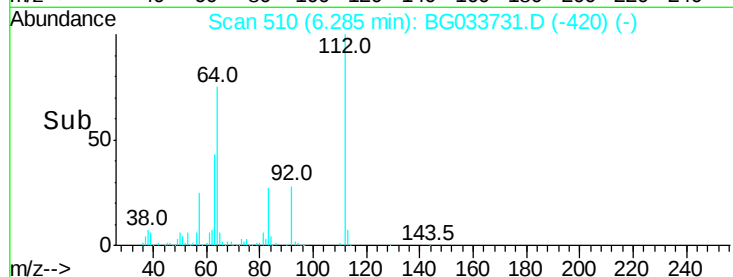
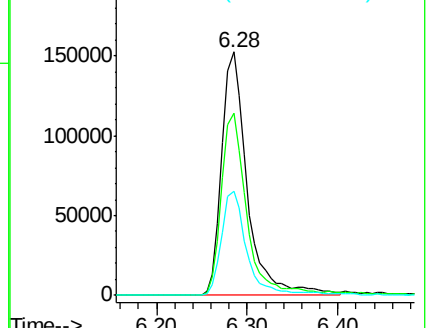
63 42.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 9.097 ng

RT: 8.16 min Scan# 829

Delta R.T. 0.01 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

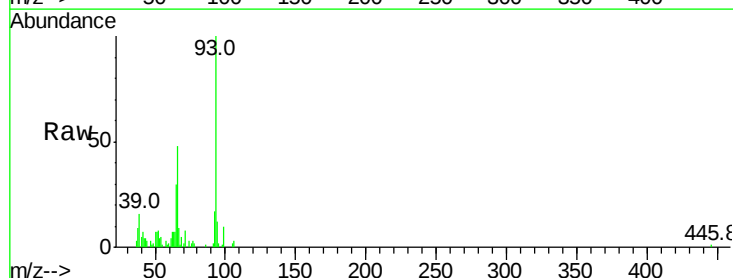
Tgt Ion: 93 Resp: 32682

Ion Ratio Lower Upper

93 100

66 47.9 33.7 50.5

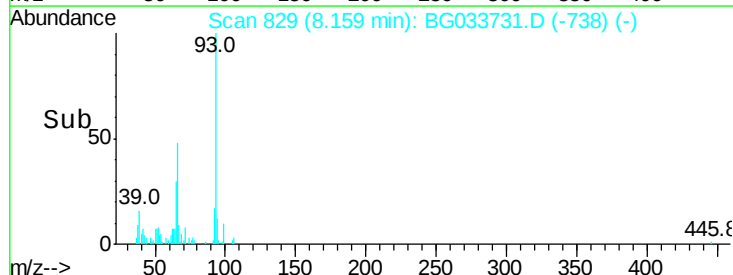
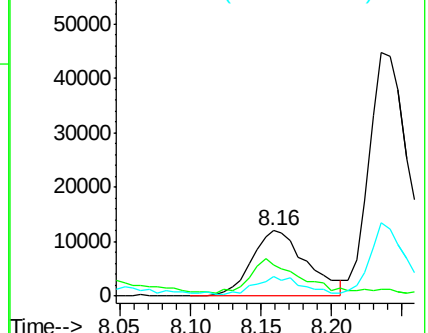
65 30.1 16.1 24.1#

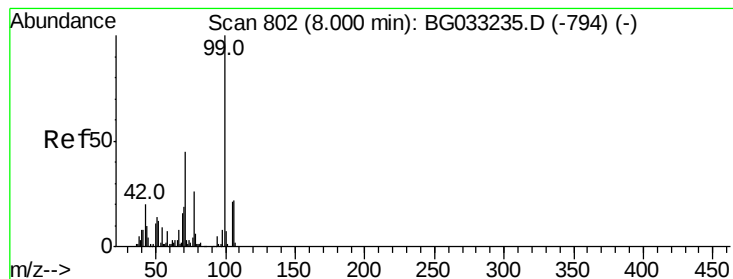


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.569 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

ClientSampleId :

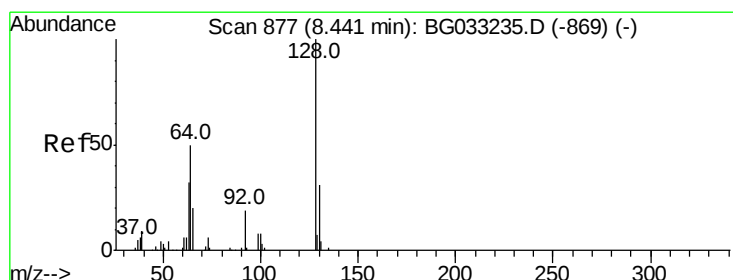
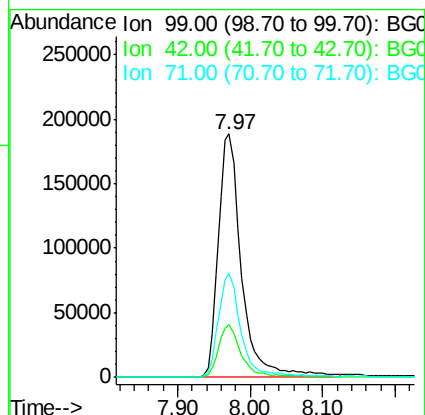
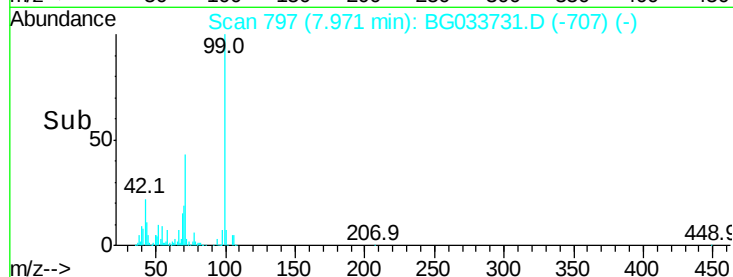
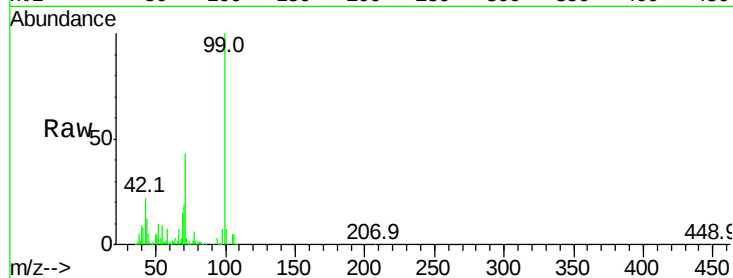
Tot Ion: 99 Resp: 420275

Ion Ratio Lower Upper

99 100

42 21.9 14.1 21.1#

71 43.0 26.1 39.1#



#8

2-Chlorophenol

Concen: 47.521 ng

RT: 8.41 min Scan# 871

Delta R.T. 0.01 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

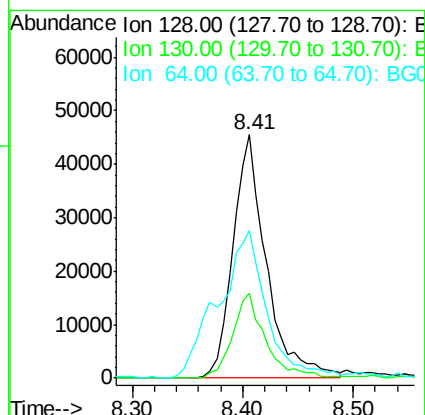
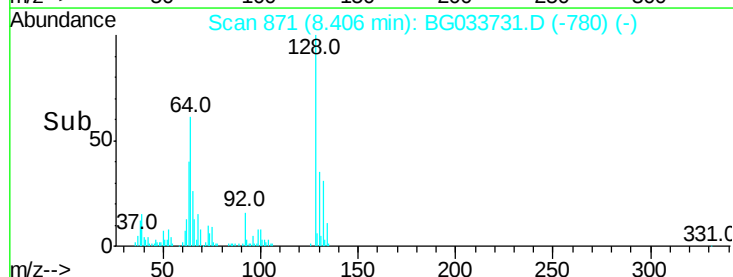
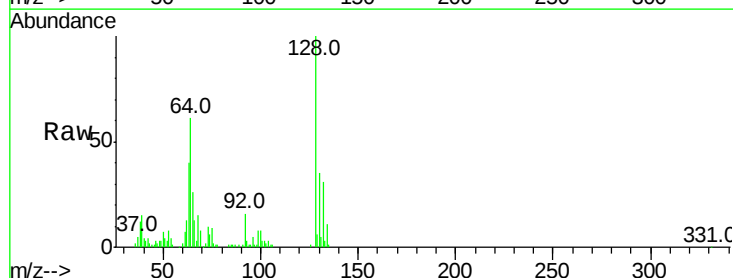
Tgt Ion: 128 Resp: 96595

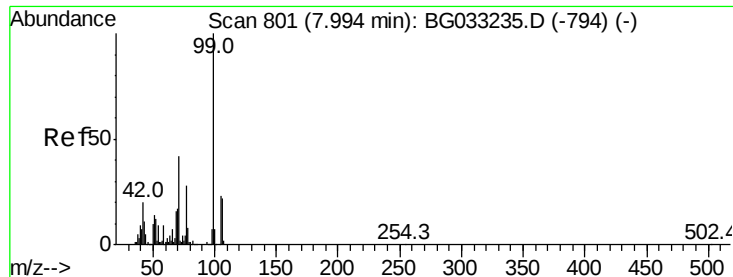
Ion Ratio Lower Upper

128 100

130 34.9 14.0 54.0

64 60.7 37.7 77.7





#9

Benzaldehyde

Concen: 23.640 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

ClientSampleId :

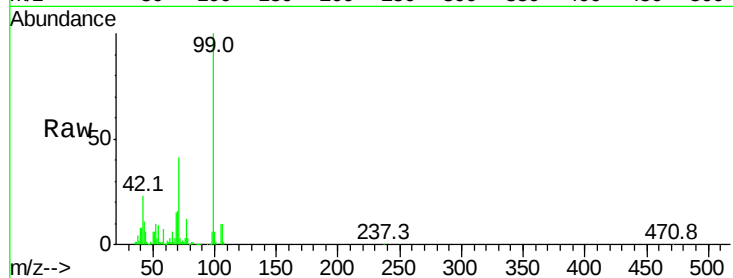
Tot Ion: 77 Resp: 45897

Ion Ratio Lower Upper

77 100

105 79.5 71.3 111.3

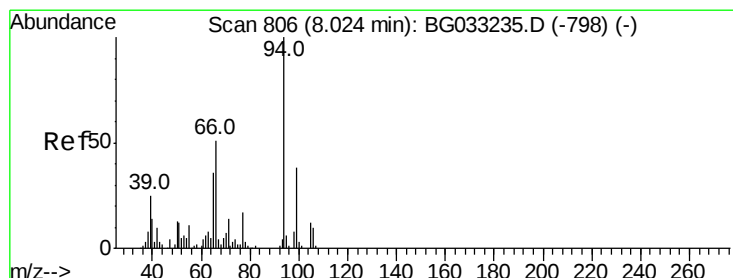
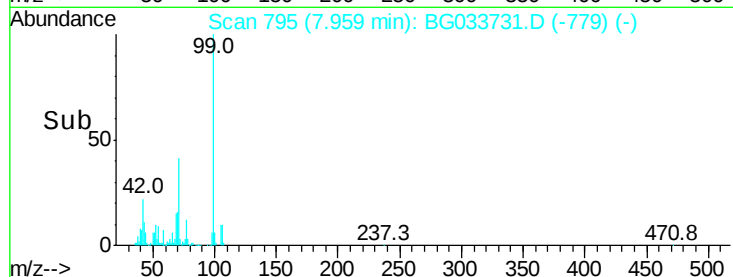
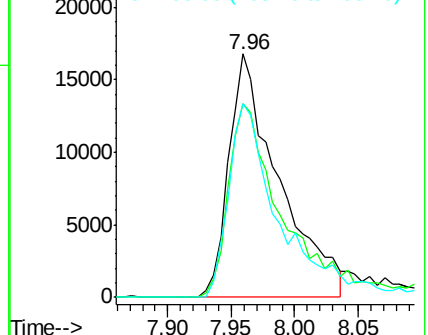
106 79.8 64.2 104.2



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: 41.707 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

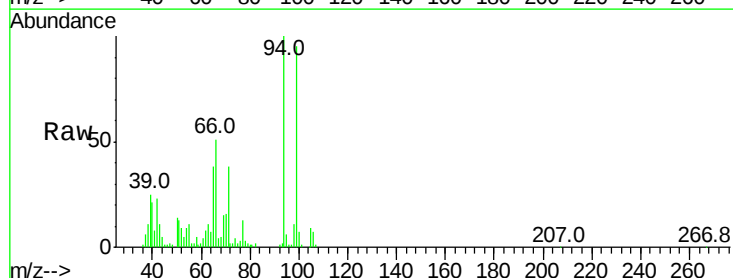
Tgt Ion: 94 Resp: 125799

Ion Ratio Lower Upper

94 100

65 38.1 11.9 51.9

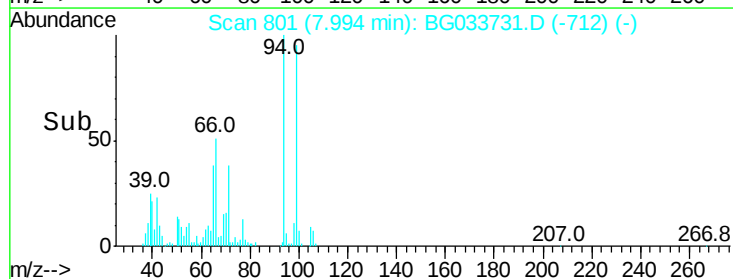
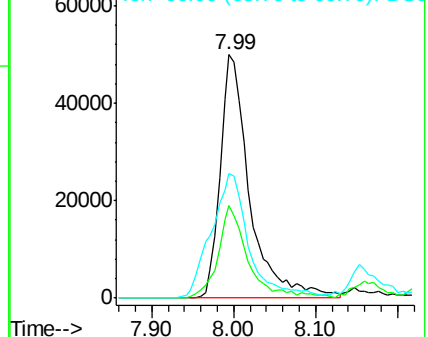
66 51.0 22.2 62.2

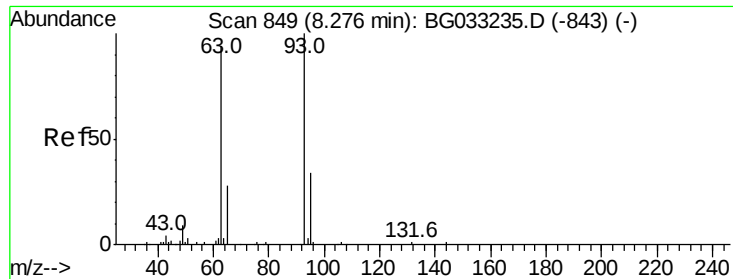


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

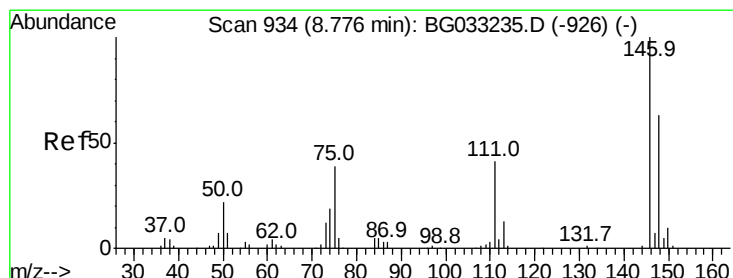
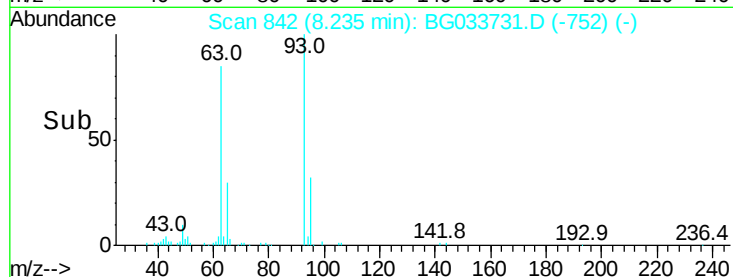
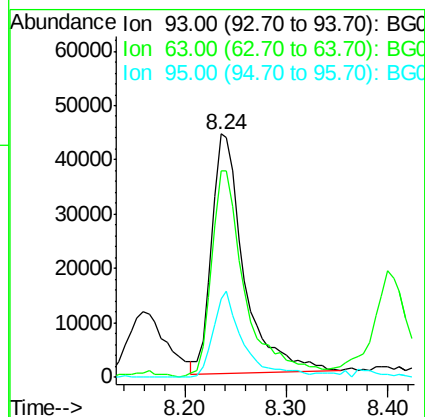
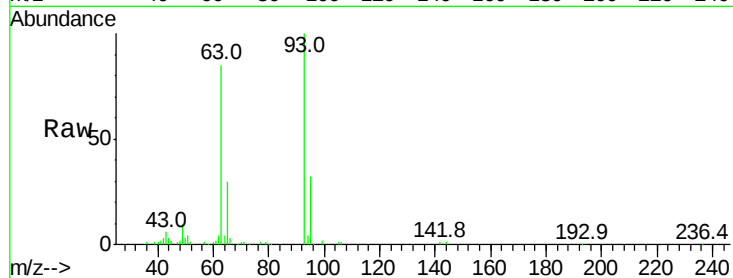




#11
 bis(2-Chloroethyl)ether
 Concen: 39.366 ng
 RT: 8.24 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

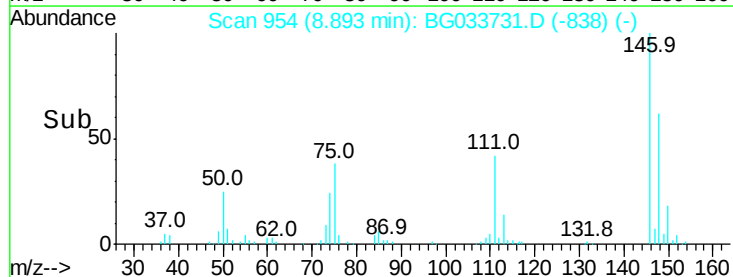
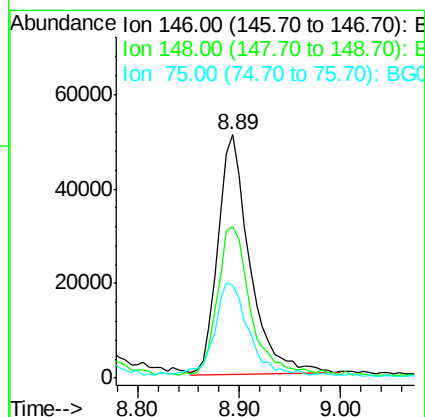
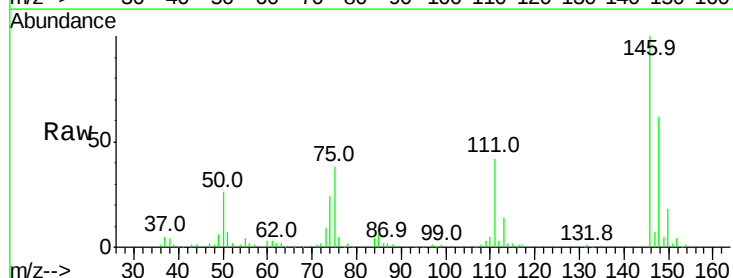
Instrument :
 BNA_G
 ClientSampleId :

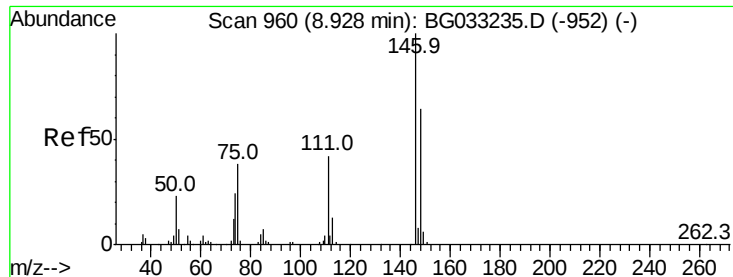
Tot Ion: 93 Resp: 96917
 Ion Ratio Lower Upper
 93 100
 63 84.7 67.1 107.1
 95 32.0 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 41.364 ng
 RT: 8.89 min Scan# 954
 Delta R.T. 0.15 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion: 146 Resp: 109923
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.4 77.2
 75 37.9 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 41.302 ng

RT: 8.89 min Scan# 954

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

ClientSampleId :

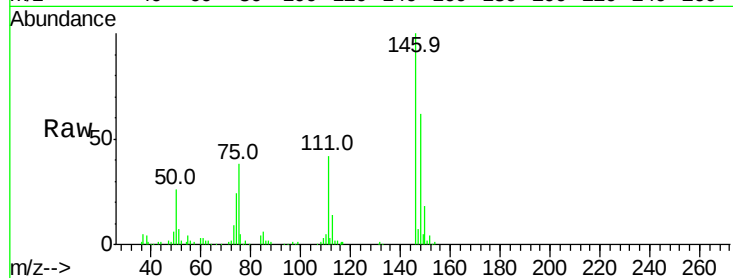
Tot Ion:146 Resp: 109923

Ion Ratio Lower Upper

146 100

148 62.2 53.7 80.5

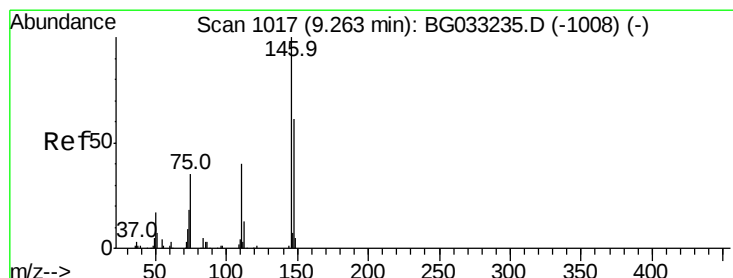
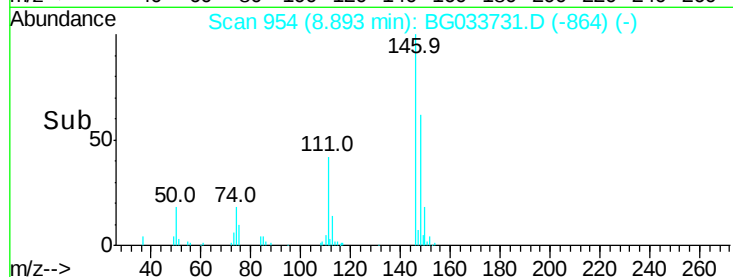
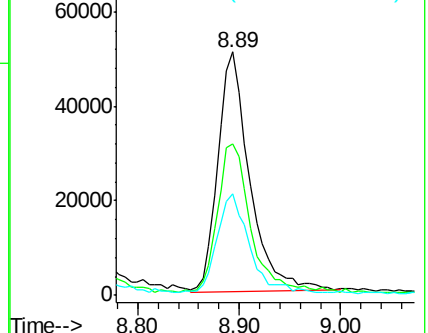
111 41.6 35.2 52.8



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: 41.499 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

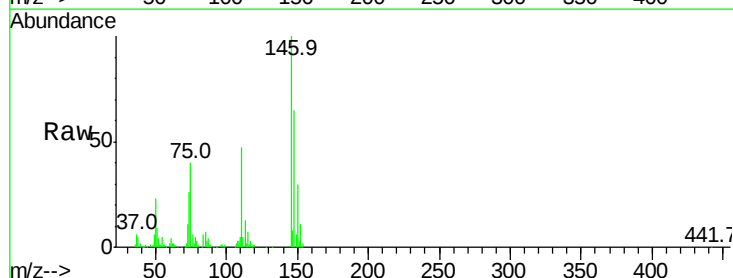
Tgt Ion:146 Resp: 107796

Ion Ratio Lower Upper

146 100

148 65.5 49.3 73.9

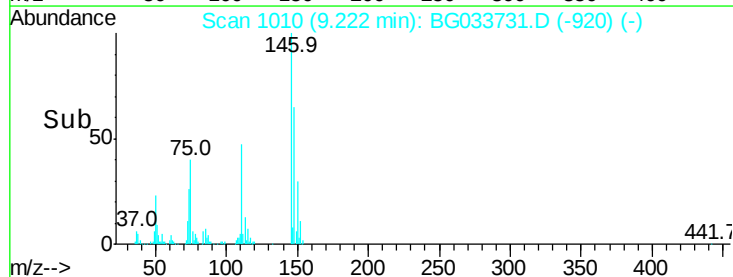
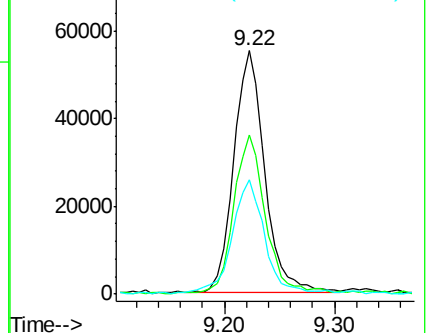
111 46.7 34.3 51.5

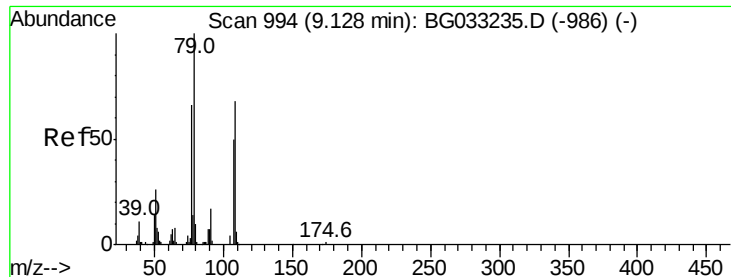


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.879 ng

RT: 9.09 min Scan# 988

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

ClientSampled :

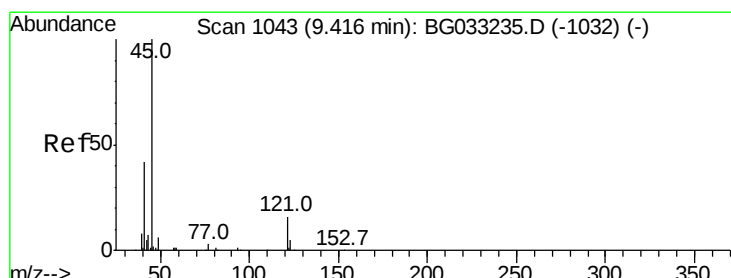
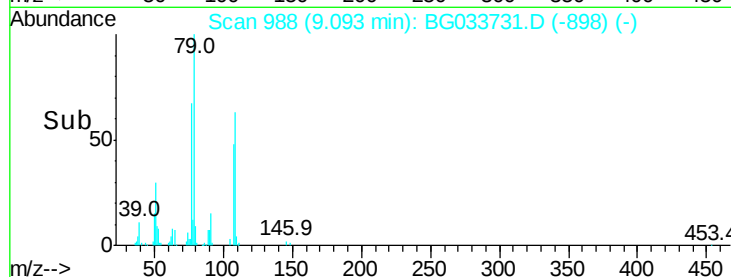
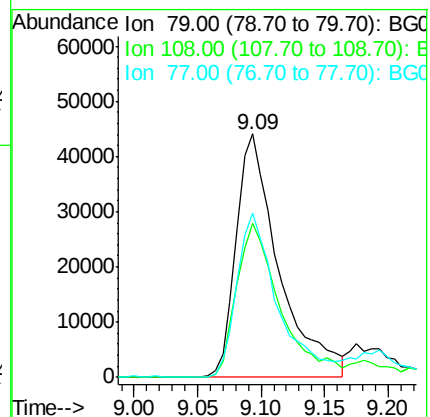
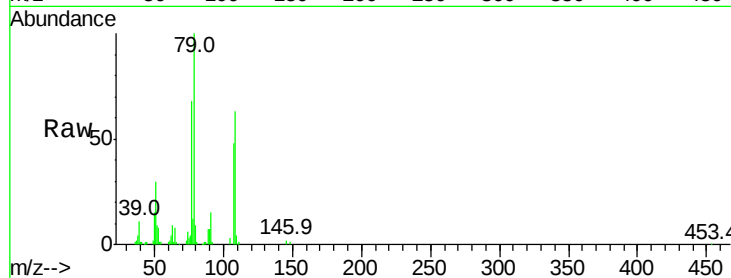
Tot Ion: 79 Resp: 103138

Ion Ratio Lower Upper

79 100

108 63.4 57.2 85.8

77 67.7 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.612 ng

RT: 9.37 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

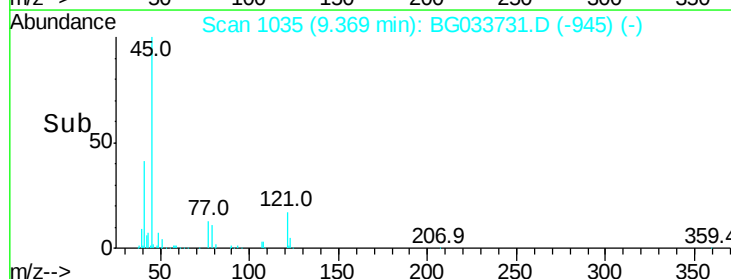
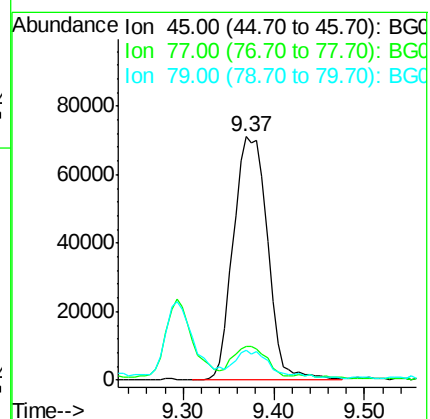
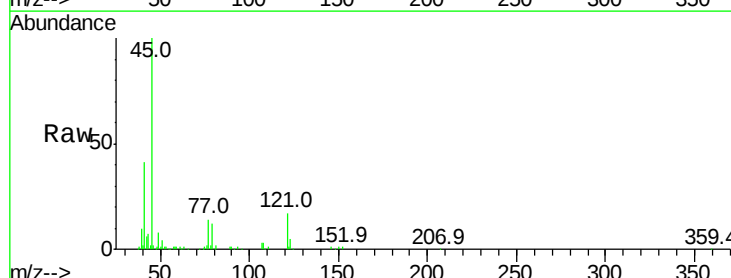
Tgt Ion: 45 Resp: 187076

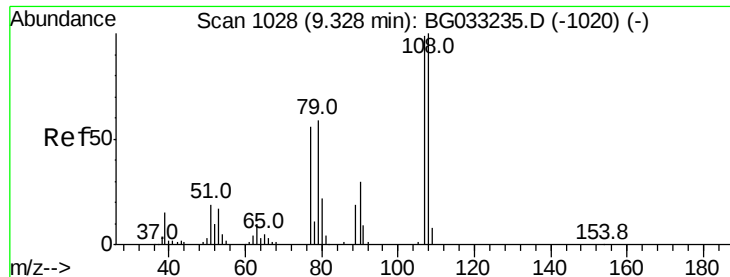
Ion Ratio Lower Upper

45 100

77 13.8 0.0 30.2

79 12.1 0.0 27.9





#17

2-Methylphenol

Concen: 59.257 ng

RT: 9.63 min Scan# 1079

Delta R.T. 0.34 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 121758

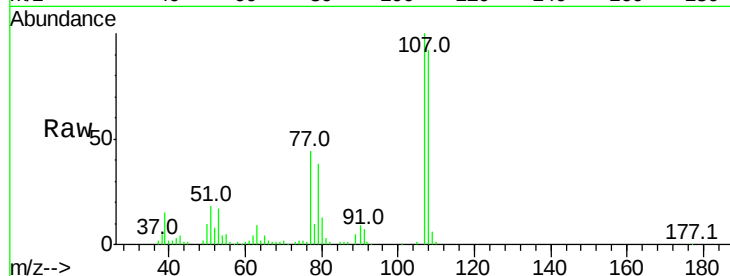
Ion Ratio Lower Upper

107 100

108 91.9 83.9 125.9

77 43.9 37.2 55.8

79 38.1 36.2 54.2

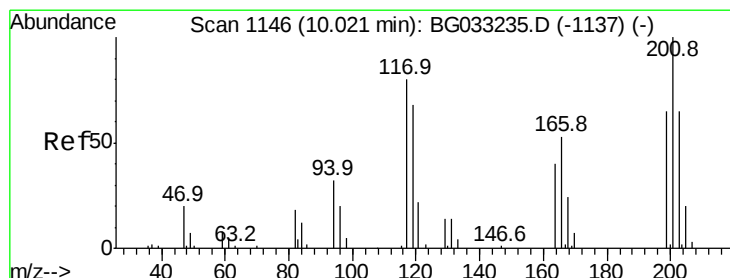
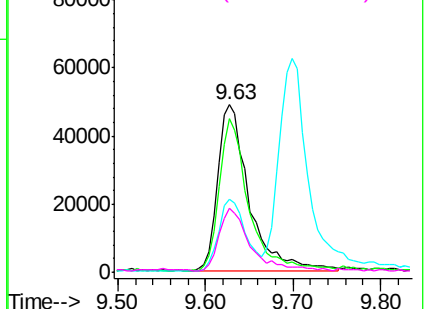
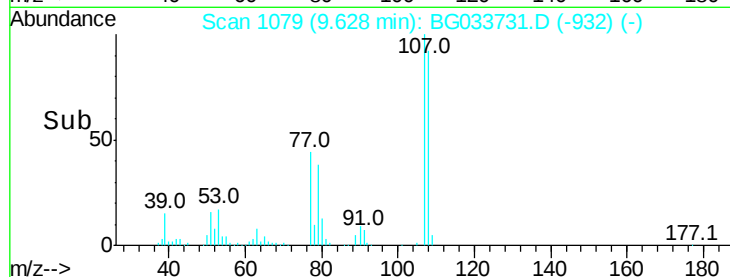


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.793 ng

RT: 9.97 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

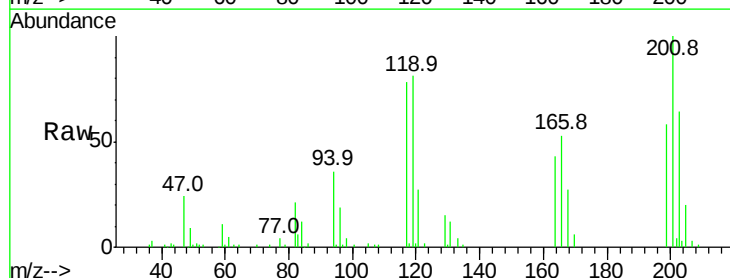
Tgt Ion:117 Resp: 44984

Ion Ratio Lower Upper

117 100

119 107.0 76.7 115.1

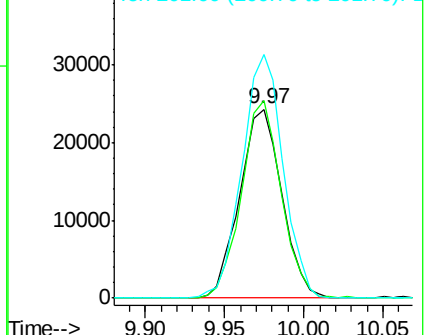
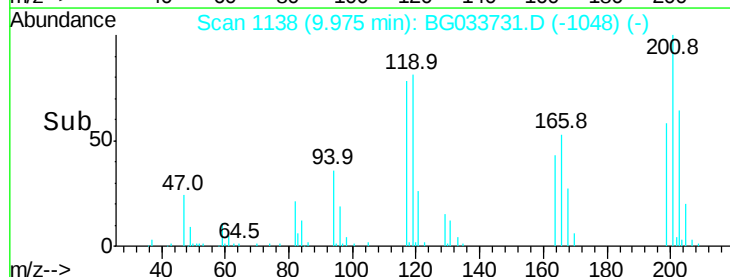
201 128.8 95.7 143.5

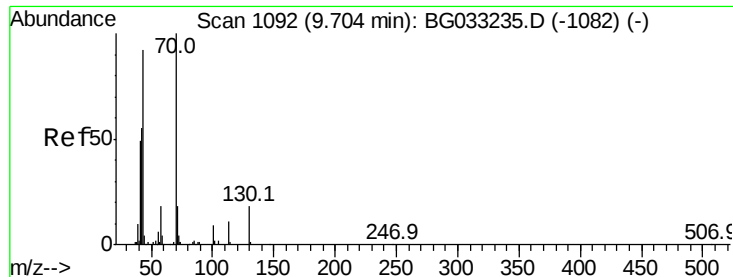


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

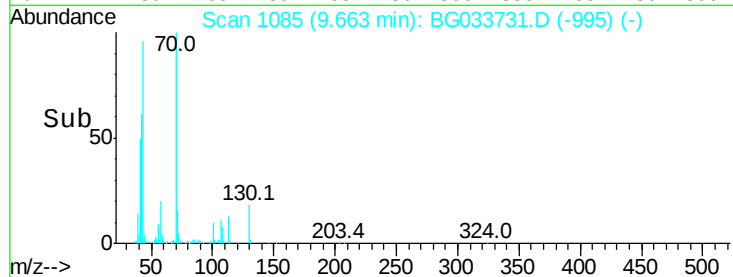
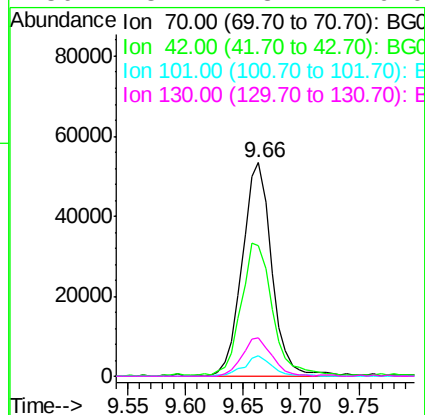
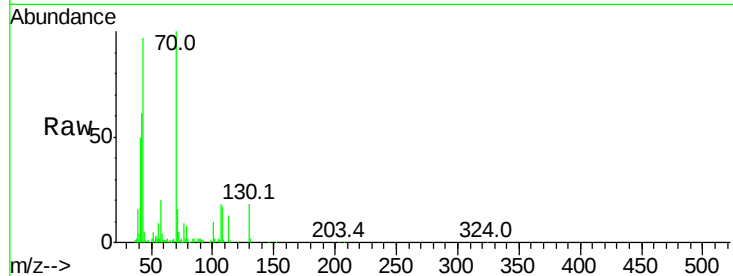




#19
n-Nitroso-di-n-propylamine
Concen: 42.427 ng
RT: 9.66 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

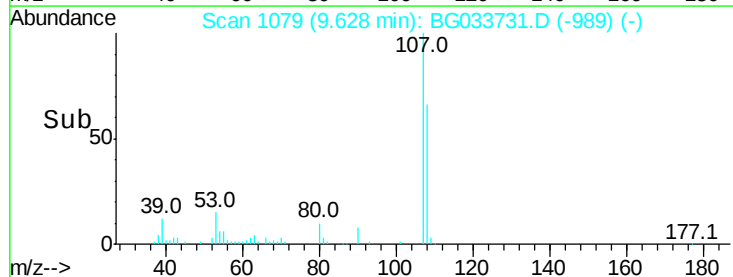
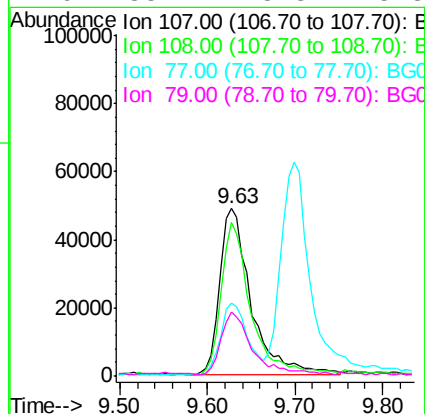
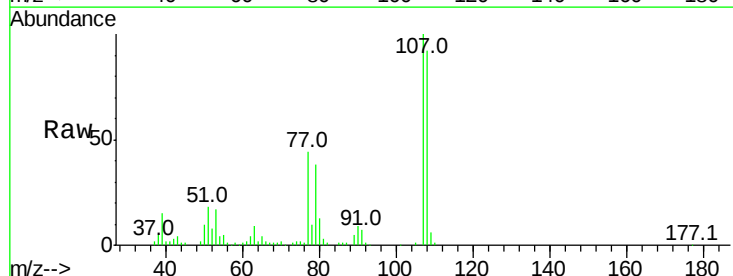
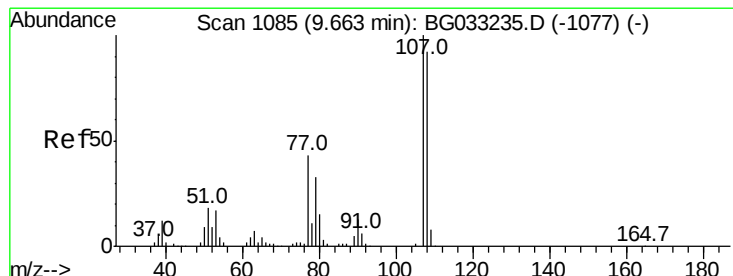
Instrument :
BNA_G
ClientSampleId :

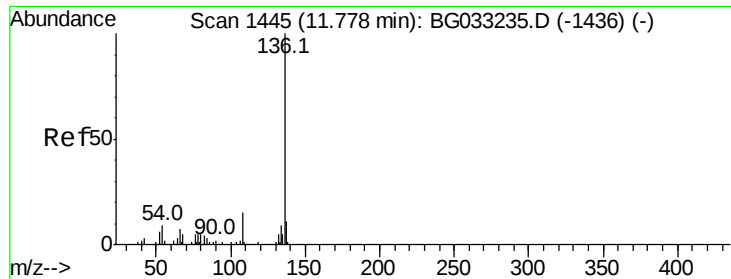
Tot Ion: 70 Resp: 94977
Ion Ratio Lower Upper
70 100
42 61.3 49.1 73.7
101 9.6 8.5 12.7
130 18.2 13.4 20.0



#20
3+4-Methylphenols
Concen: 41.619 ng
RT: 9.63 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion: 107 Resp: 121758
Ion Ratio Lower Upper
107 100
108 91.9 61.6 101.6
77 43.9 13.9 53.9
79 38.1 8.8 48.8

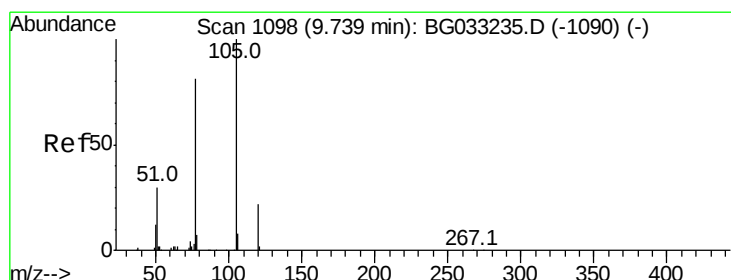
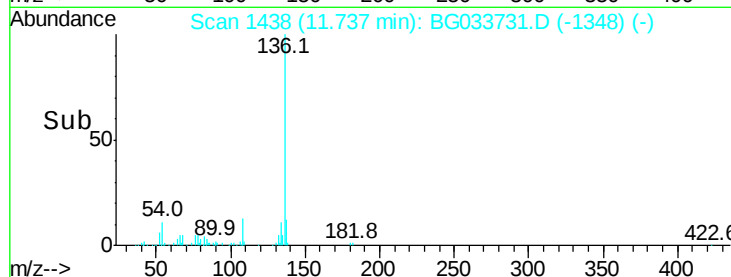
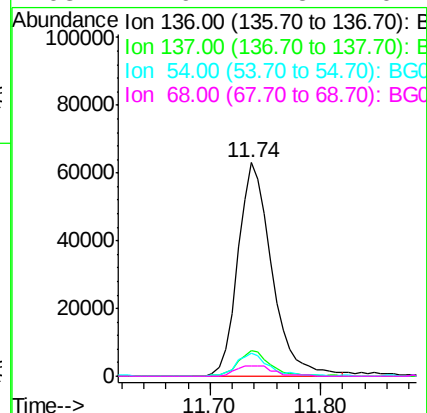
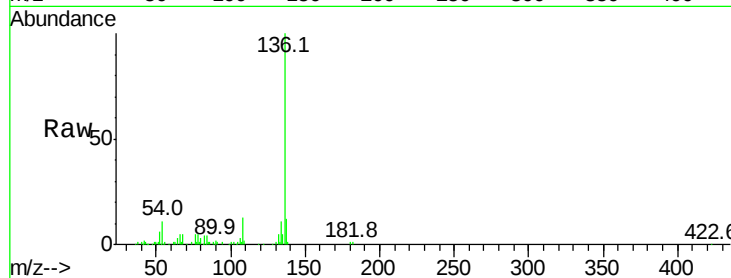




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

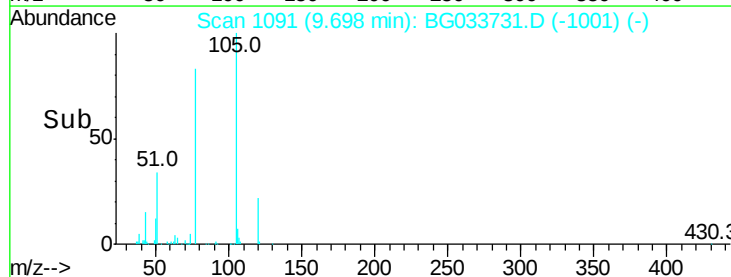
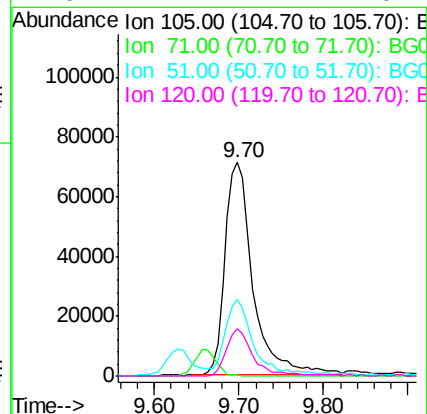
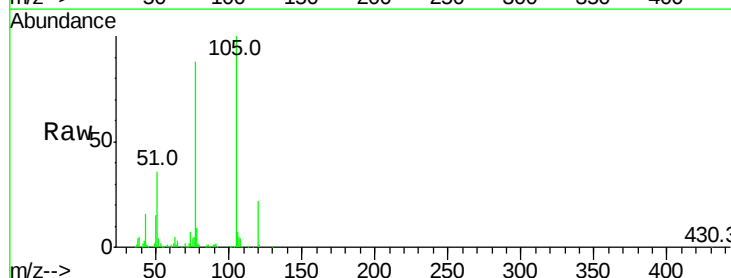
Instrument :
BNA_G
ClientSampleId :

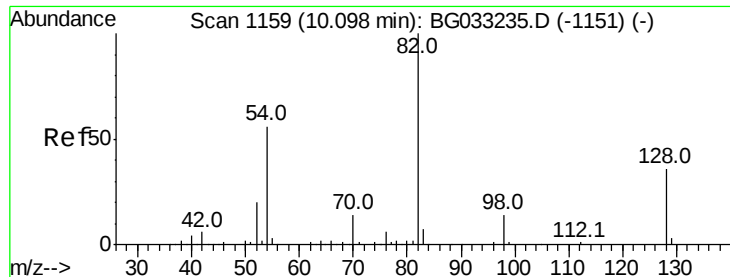
Tot Ion:136	Resp:	135921
Ion	Ratio	Lower Upper
136	100	
137	12.3	9.2 13.8
54	10.8	10.3 15.5
68	4.9	4.5 6.7



#22
Acetophenone
Concen: 44.166 ng
RT: 9.70 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion:105	Resp:	164463
Ion	Ratio	Lower Upper
105	100	
71	0.4	3.0 4.4#
51	35.9	26.1 39.1
120	22.1	17.4 26.2





#23

Nitrobenzene-d5

Concen: 106.833 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

ClientSampled :

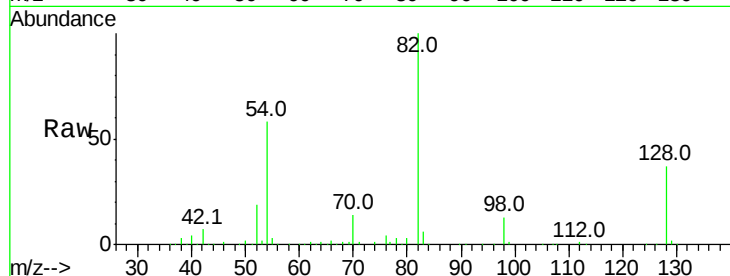
Tot Ion: 82 Resp: 316055

Ion Ratio Lower Upper

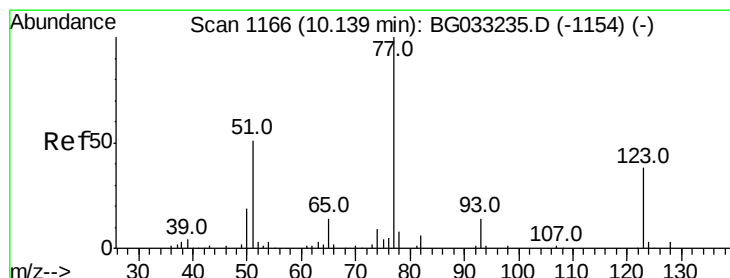
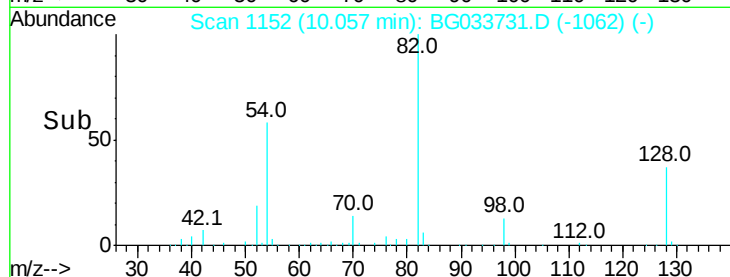
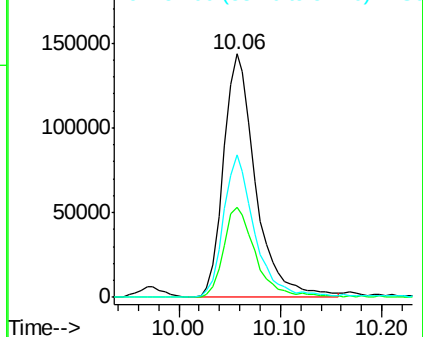
82 100

128 36.7 29.7 44.5

54 58.5 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: 44.219 ng

RT: 10.10 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

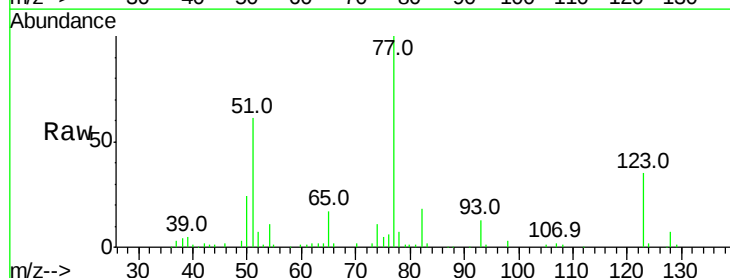
Tgt Ion: 77 Resp: 140022

Ion Ratio Lower Upper

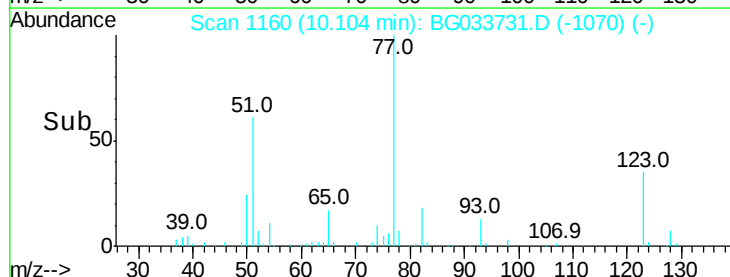
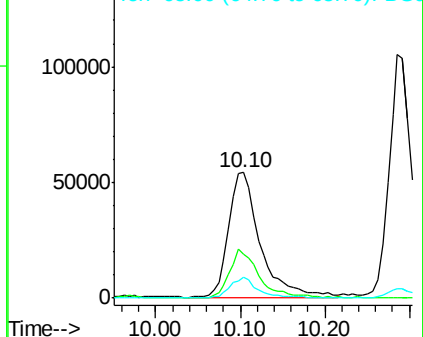
77 100

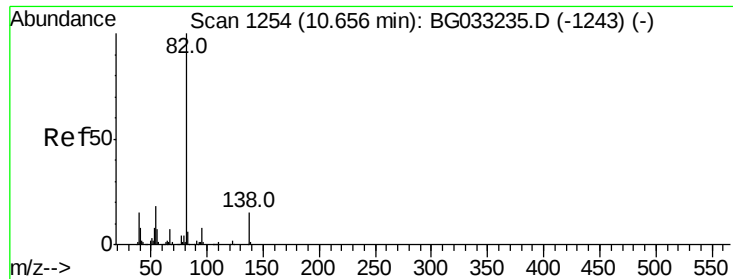
123 35.3 33.0 49.6

65 16.8 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: 42.576 ng

RT: 10.61 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

ClientSampleId :

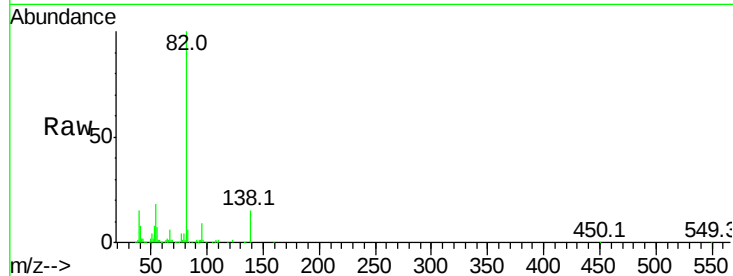
Tot Ion: 82 Resp: 244466

Ion Ratio Lower Upper

82 100

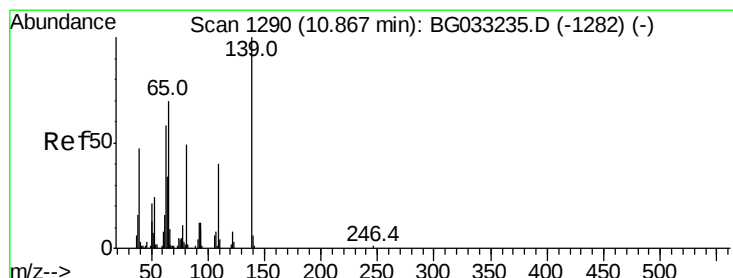
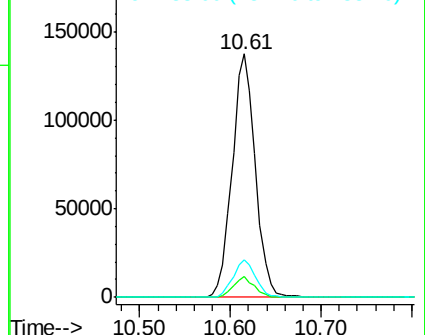
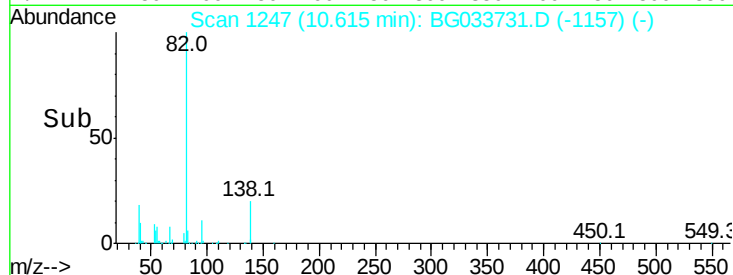
95 8.6 6.2 9.2

138 15.3 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

10.61



#26

2-Nitrophenol

Concen: 48.396 ng

RT: 10.83 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

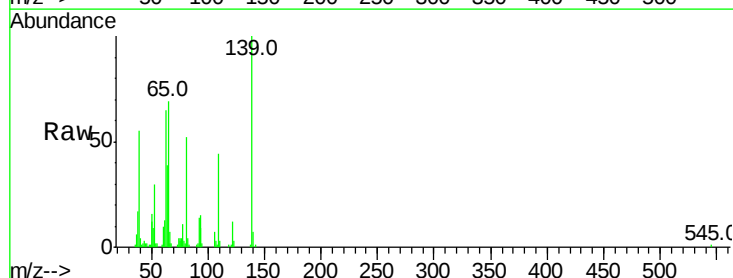
Tgt Ion: 139 Resp: 58019

Ion Ratio Lower Upper

139 100

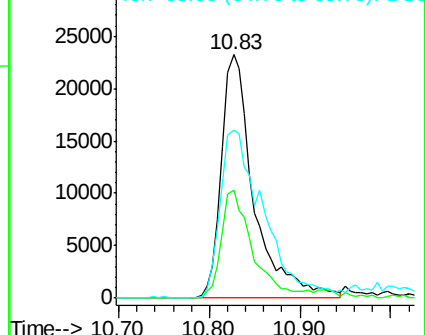
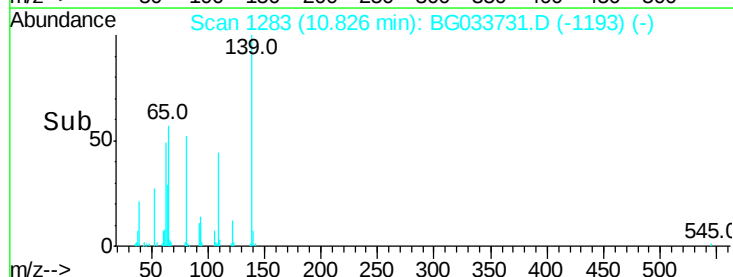
109 44.4 24.2 36.2#

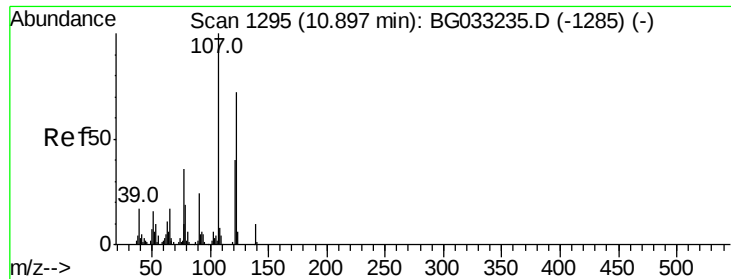
65 68.9 47.4 71.0



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

10.83

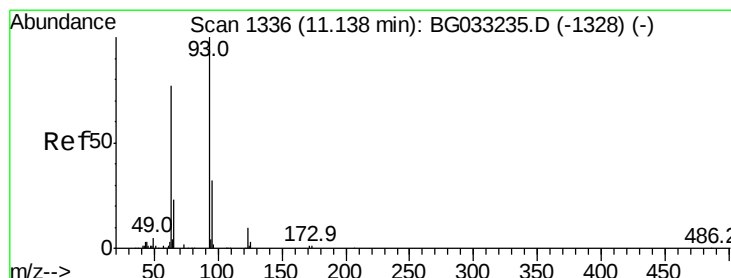
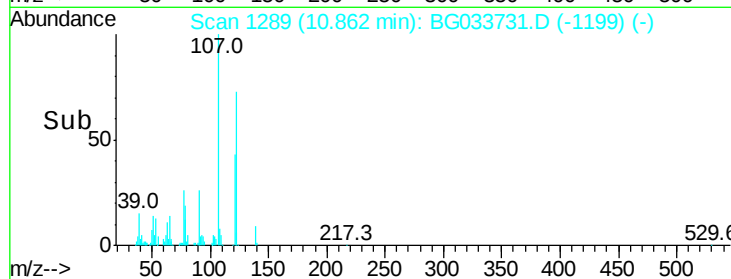
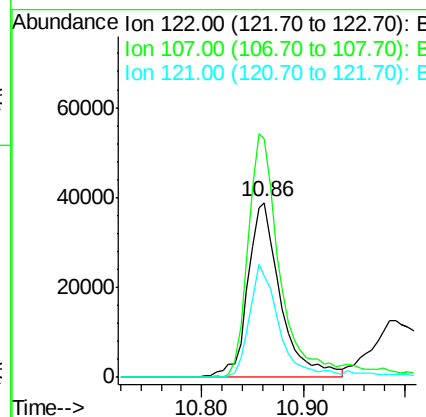
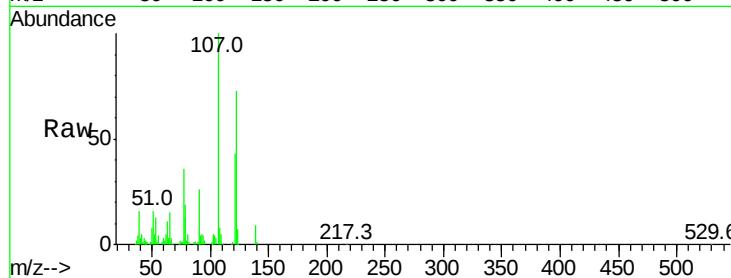




#27
2,4-Dimethylphenol
Concen: 49.980 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

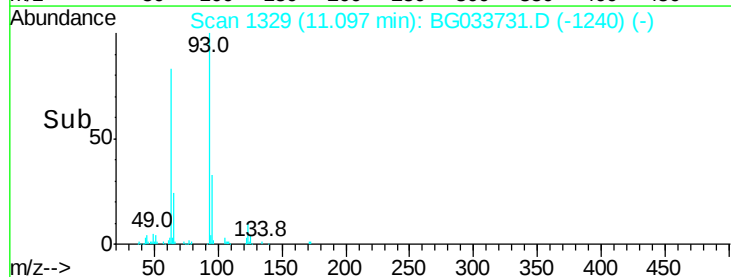
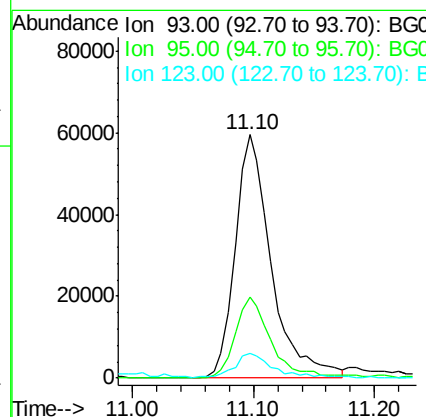
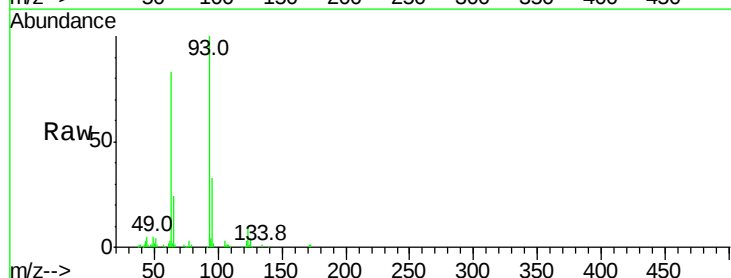
Instrument :
BNA_G
ClientSampleId :

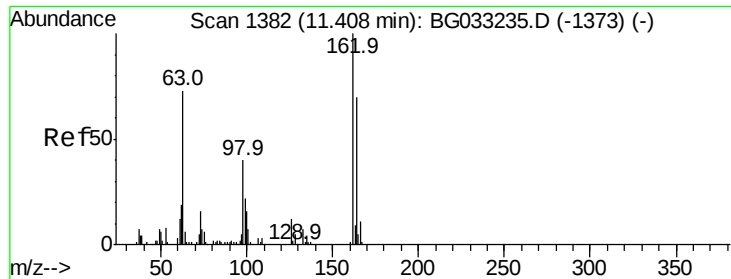
Tot Ion:122 Resp: 87043
Ion Ratio Lower Upper
122 100
107 136.1 100.2 150.2
121 58.0 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.278 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion: 93 Resp: 123986
Ion Ratio Lower Upper
93 100
95 33.2 24.3 36.5
123 10.1 8.4 12.6

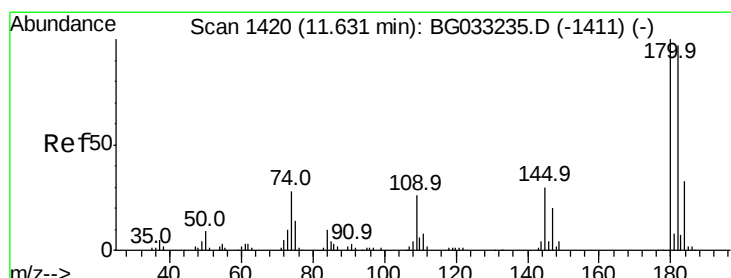
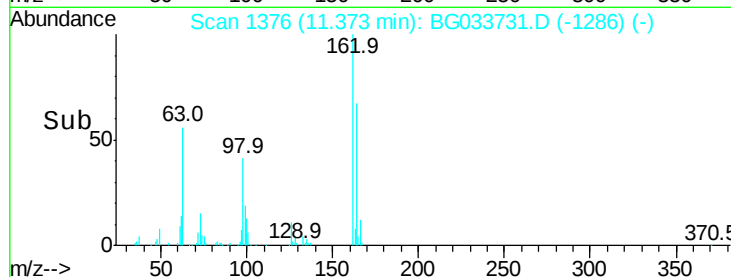
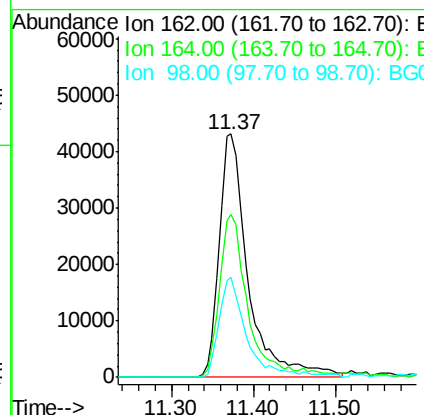
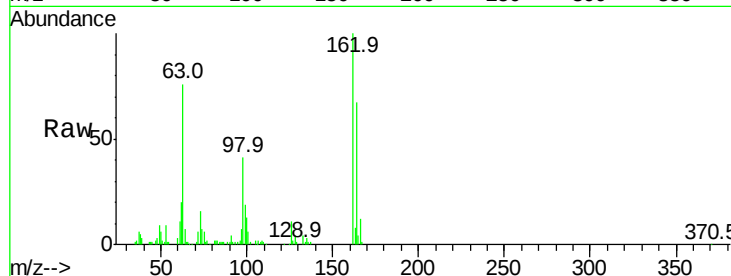




#29
 2,4-Dichlorophenol
 Concen: 49.574 ng
 RT: 11.37 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

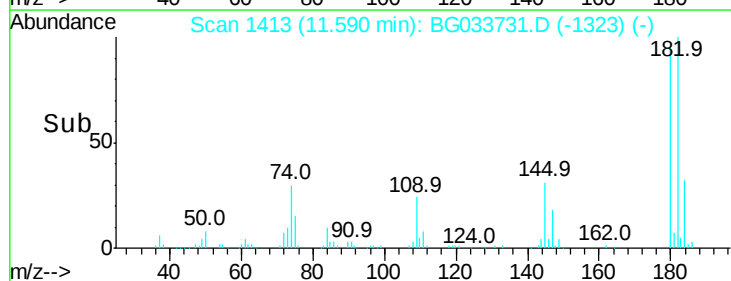
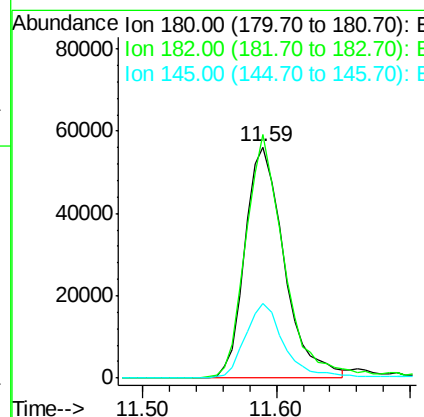
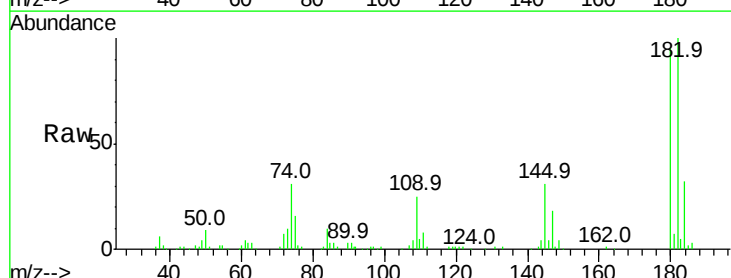
Instrument :
 BNA_G
 ClientSampled :

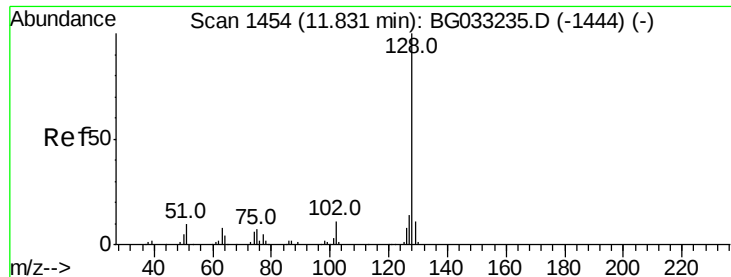
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	48.0	88.0
98	41.0	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.135 ng
 RT: 11.59 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	105.3	77.5	116.3
145	32.6	23.4	35.2

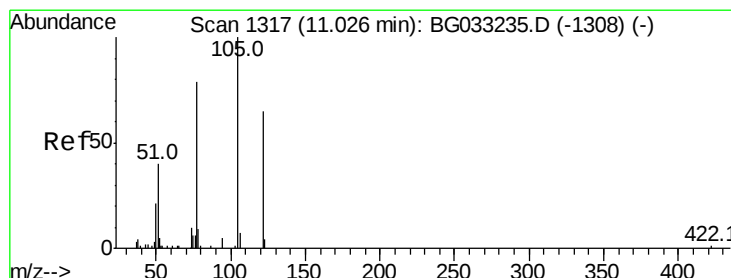
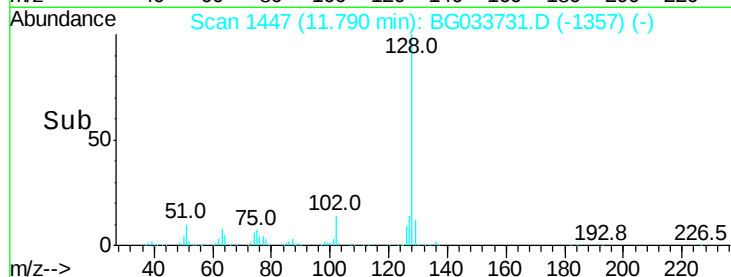
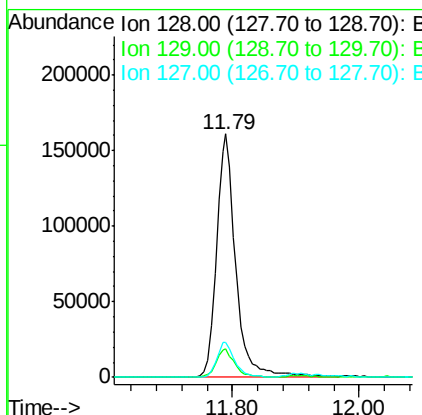
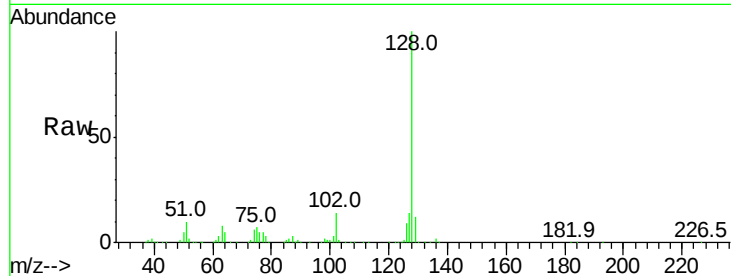




#31
Naphthalene
Concen: 49.156 ng
RT: 11.79 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

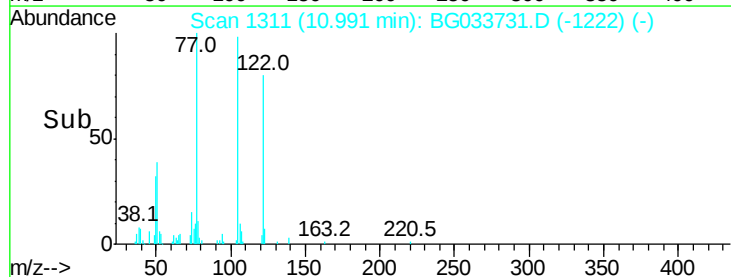
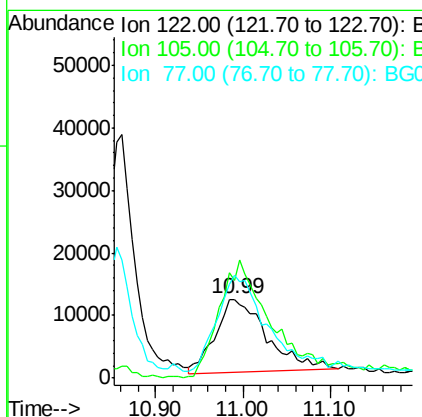
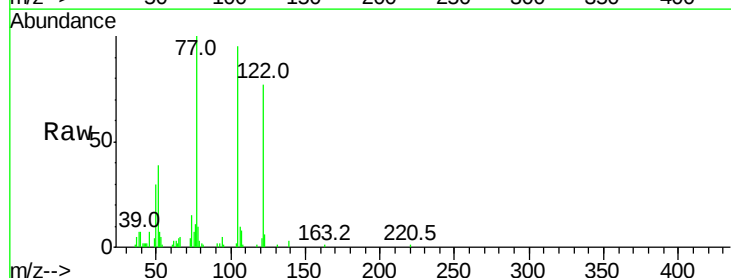
Instrument :
BNA_G
ClientSampleId :

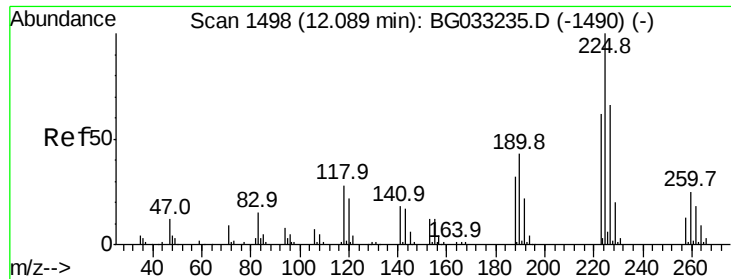
Tot Ion:128 Resp: 346227
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 14.4 11.6 17.4



#32
Benzoic acid
Concen: 29.366 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion:122 Resp: 47542
Ion Ratio Lower Upper
122 100
105 124.1 123.5 163.5
77 130.6 85.7 125.7#

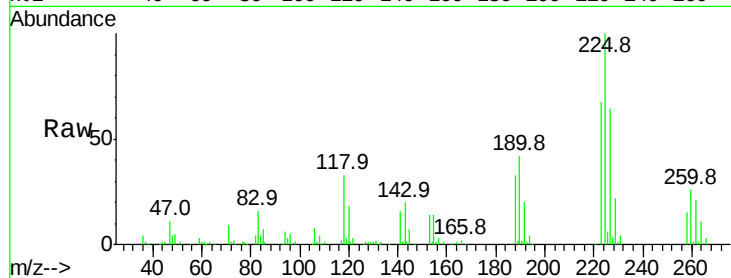




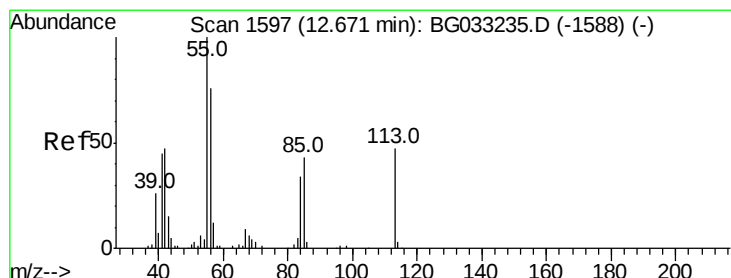
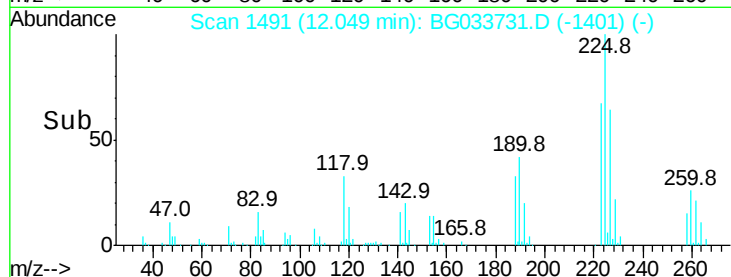
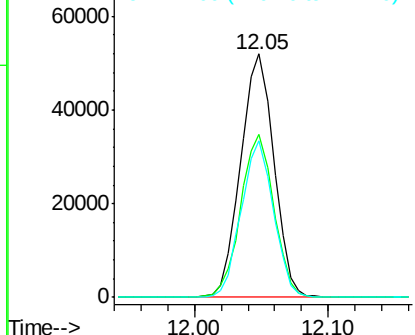
#34
Hexachlorobutadiene
Concen: 42.588 ng
RT: 12.05 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:225 Resp: 89620
Ion Ratio Lower Upper
225 100
223 67.0 49.7 74.5
227 64.4 48.1 72.1

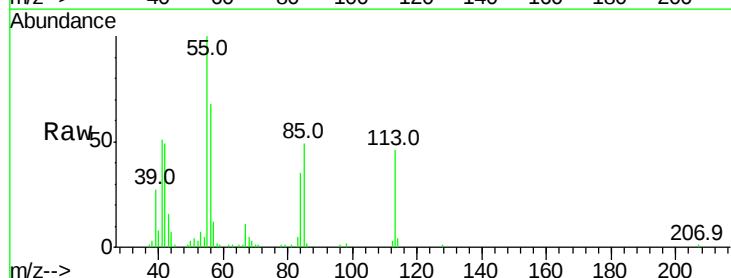


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

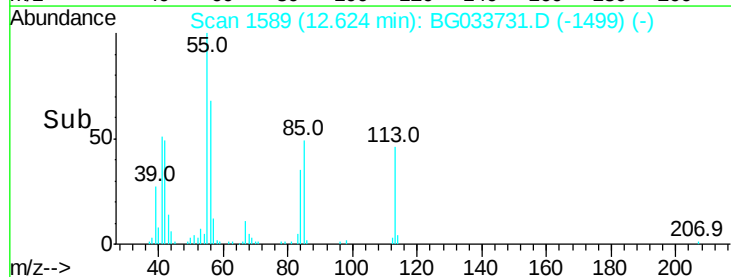
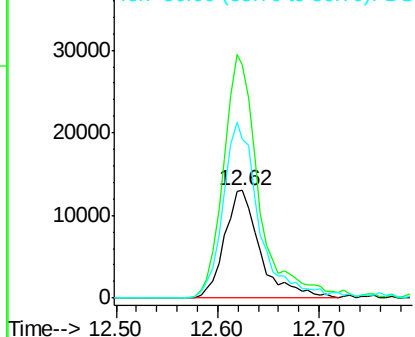


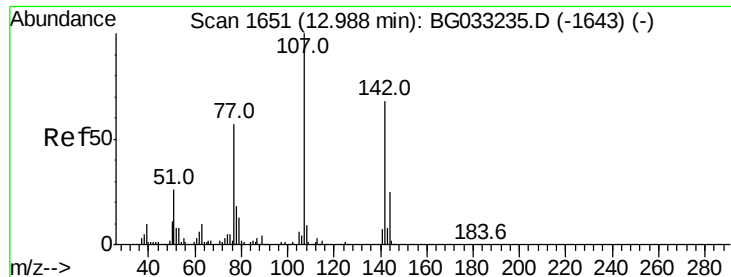
#35
Caprolactam
Concen: 38.026 ng
RT: 12.62 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion:113 Resp: 31907
Ion Ratio Lower Upper
113 100
55 216.8 186.9 226.9
56 148.0 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC

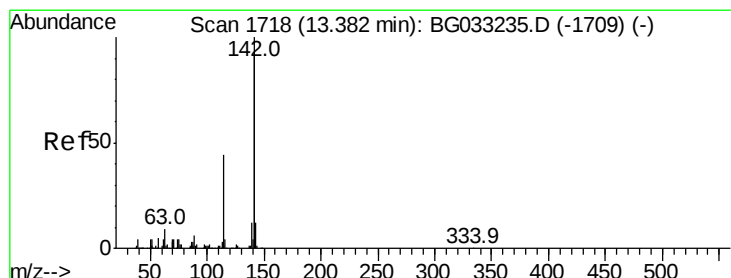
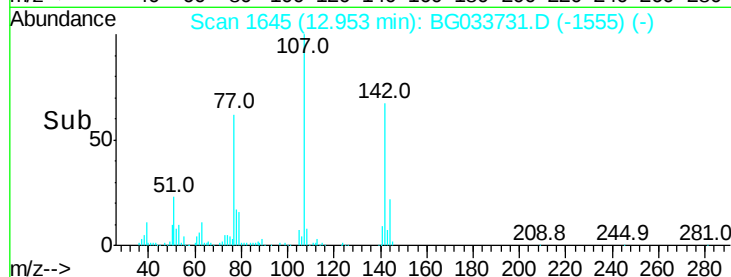
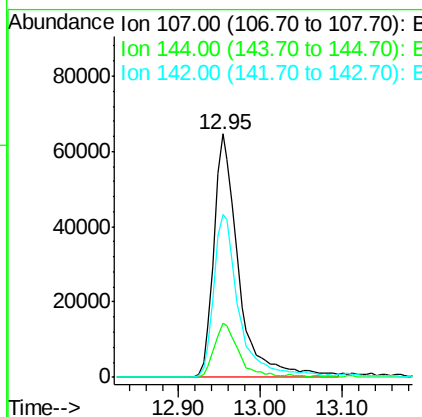
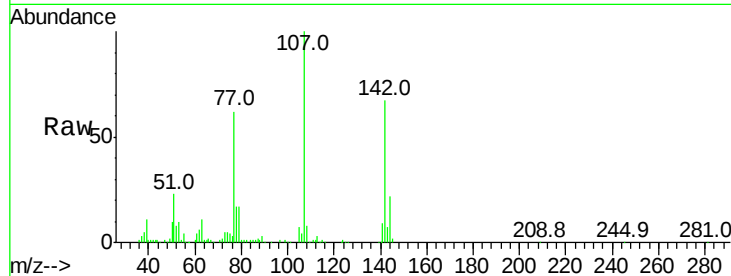




#36
 4-Chloro-3-methylphenol
 Concen: 48.867 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

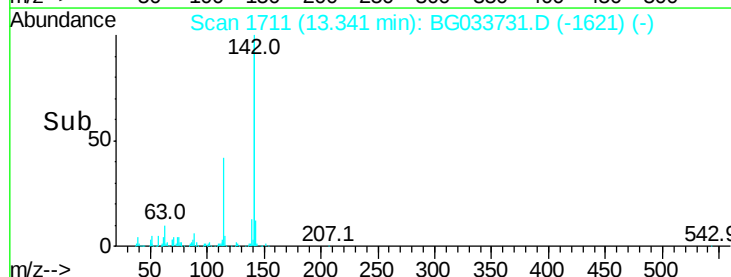
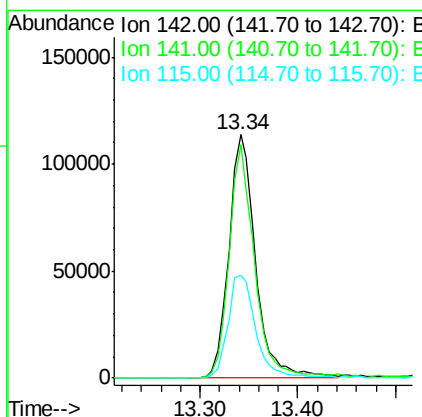
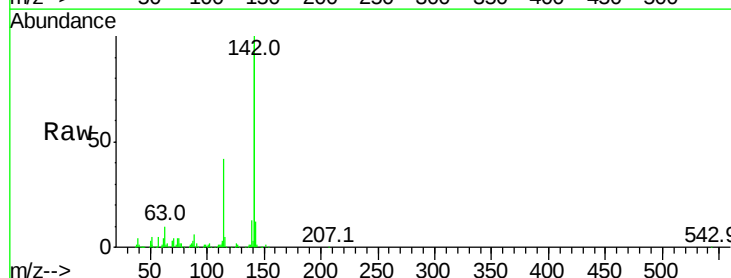
Instrument :
 BNA_G
 ClientSampleId :

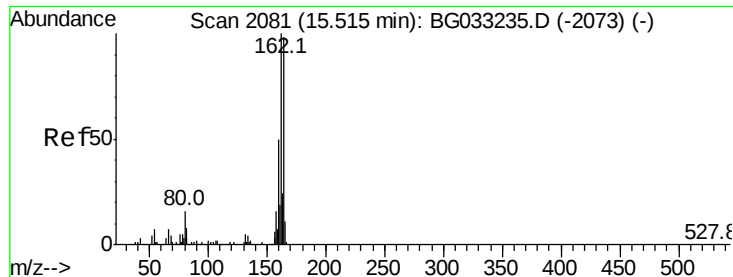
Tot Ion:107 Resp: 136506
 Ion Ratio Lower Upper
 107 100
 144 22.0 18.2 27.4
 142 67.1 59.0 88.4



#37
 2-Methylnaphthalene
 Concen: 39.588 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion:142 Resp: 216424
 Ion Ratio Lower Upper
 142 100
 141 95.6 67.1 100.7
 115 42.3 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: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

ClientSampleId :

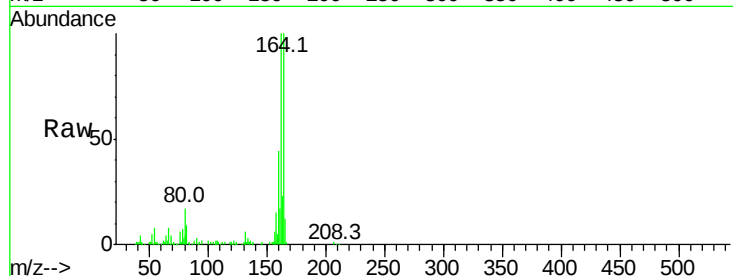
Tot Ion:164 Resp: 103221

Ion Ratio Lower Upper

164 100

162 100.3 78.8 118.2

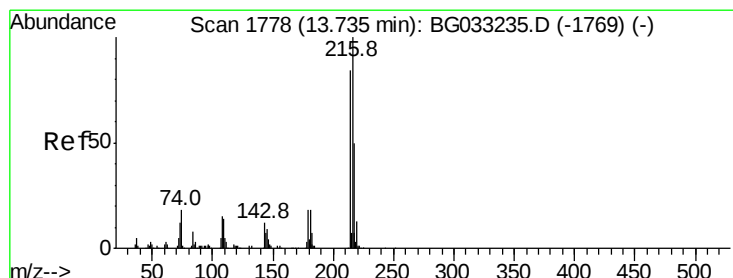
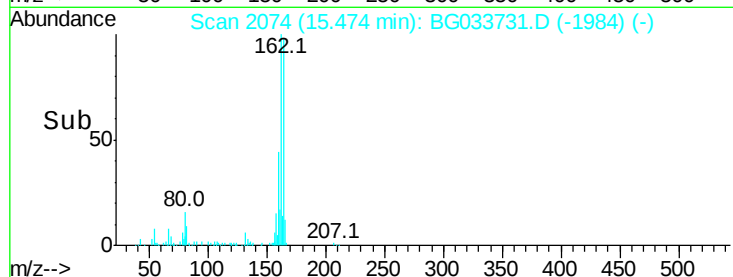
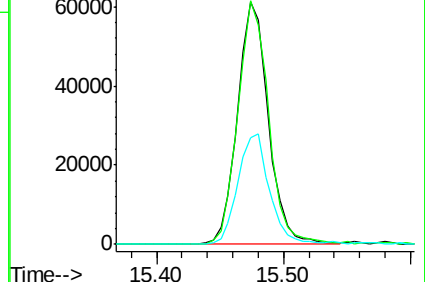
160 43.8 35.4 53.0



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: 38.907 ng

RT: 13.69 min Scan# 1771

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Tgt Ion:216 Resp: 145472

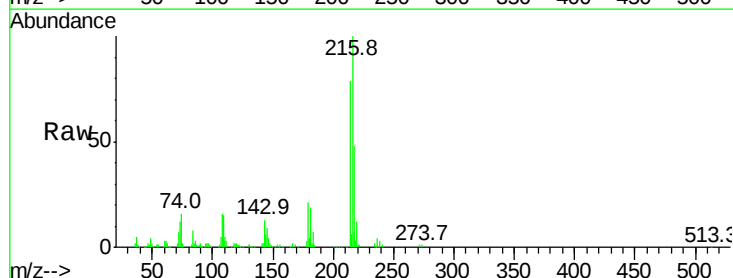
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 20.4 17.0 25.6

108 18.5 12.8 19.2

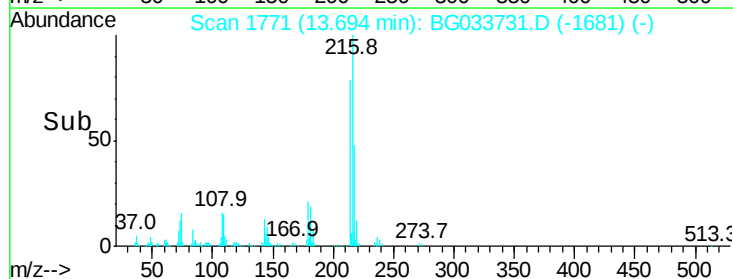
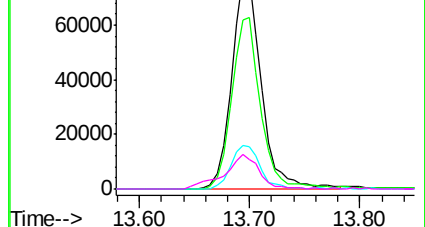


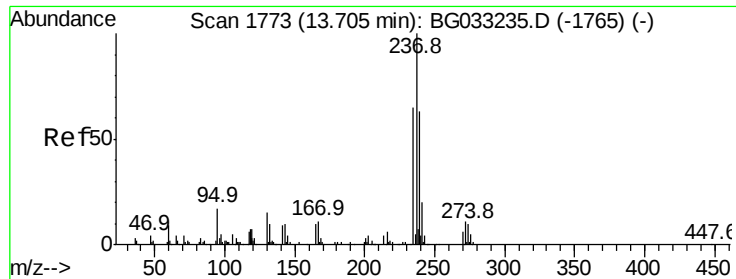
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 78.607 ng

RT: 13.66 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

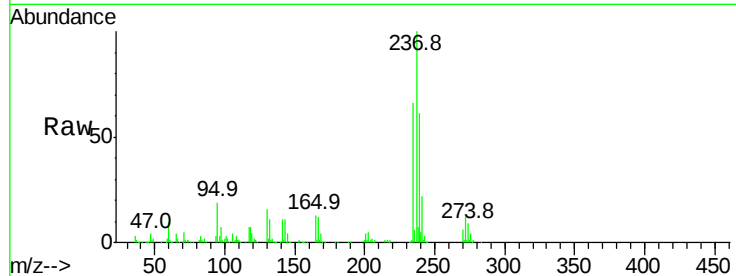
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 172296

Ion	Ratio	Lower	Upper
237	100		
235	66.0	50.4	90.4
272	11.9	0.0	31.8

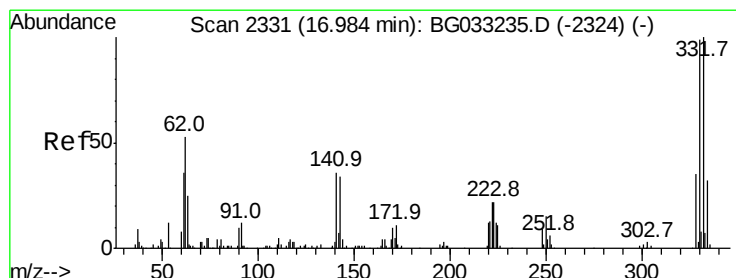
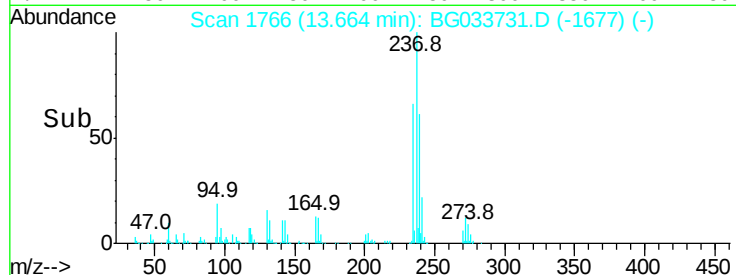
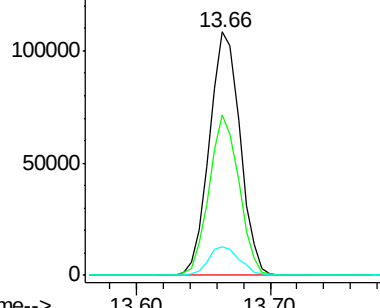


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 152.999 ng

RT: 16.95 min Scan# 2325

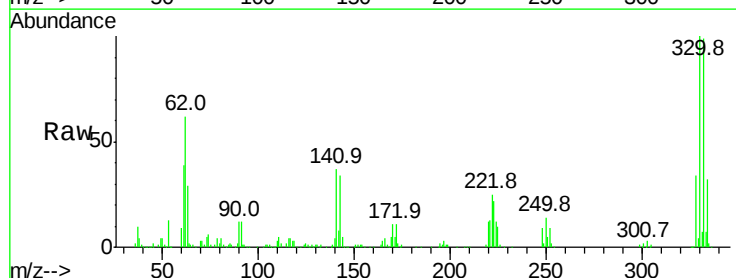
Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Tgt Ion:330 Resp: 236198

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	37.5	25.2	37.8

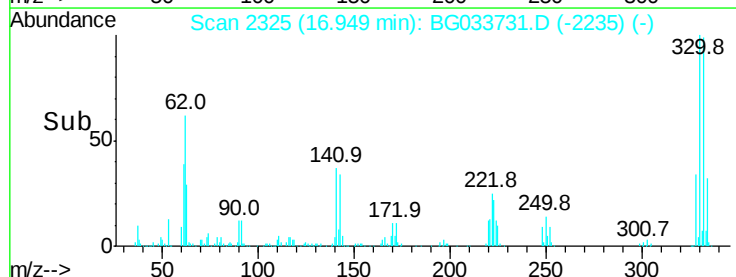
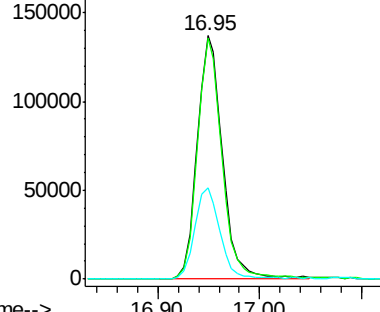


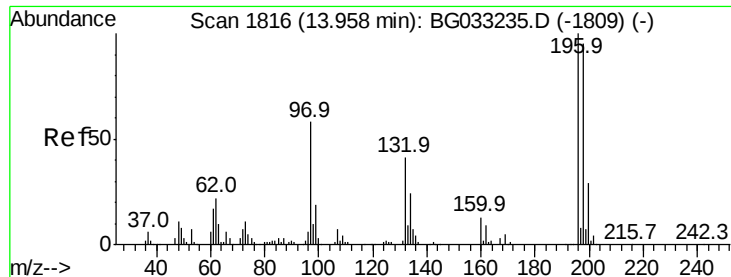
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

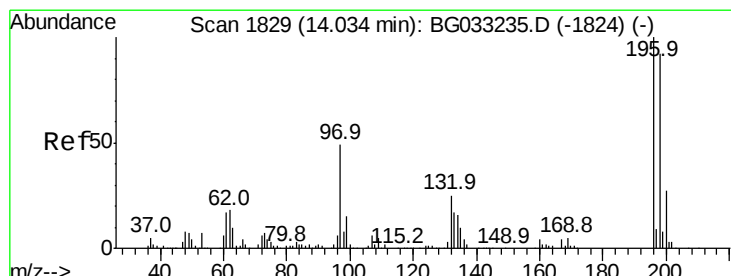
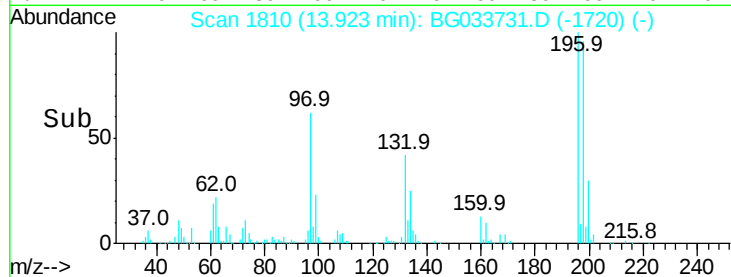
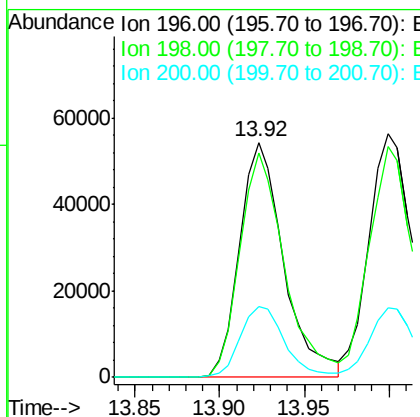
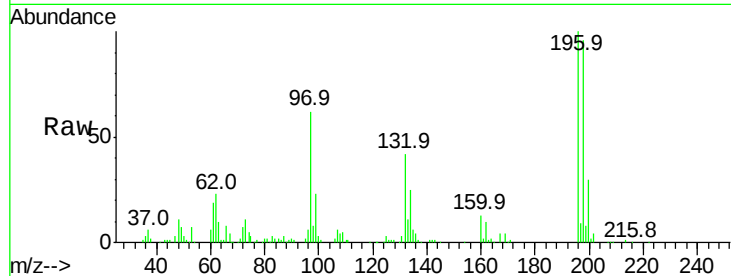




#42
 2,4,6-Trichlorophenol
 Concen: 45.333 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

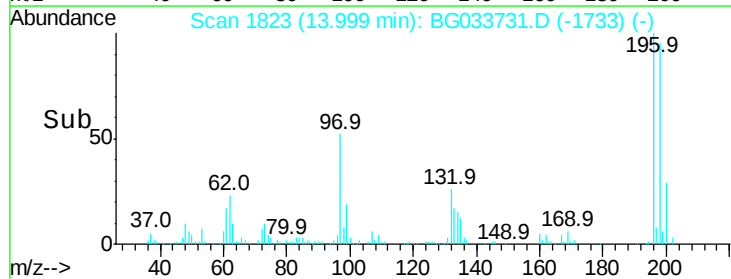
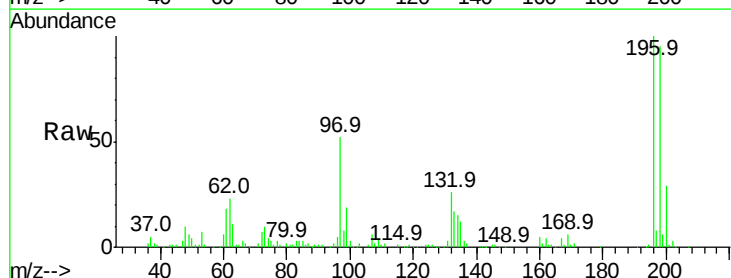
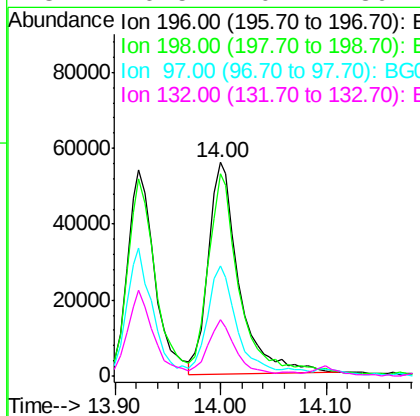
Instrument :
 BNA_G
 ClientSampleId :

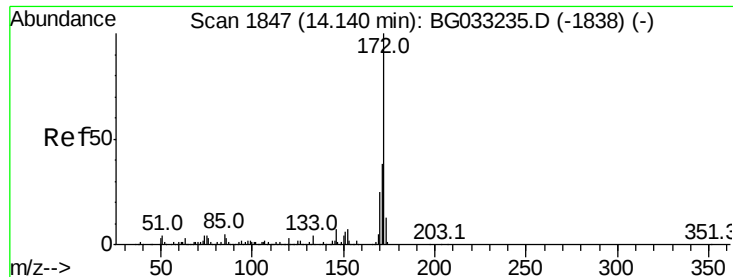
Tot Ion:196 Resp: 98478
 Ion Ratio Lower Upper
 196 100
 198 95.6 78.2 117.2
 200 30.1 24.6 36.8



#43
 2,4,5-Trichlorophenol
 Concen: 44.489 ng
 RT: 14.00 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion:196 Resp: 114233
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.2 114.4
 97 51.6 38.7 58.1
 132 26.5 20.2 30.2

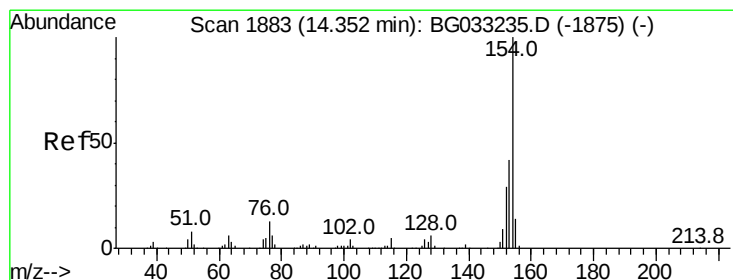
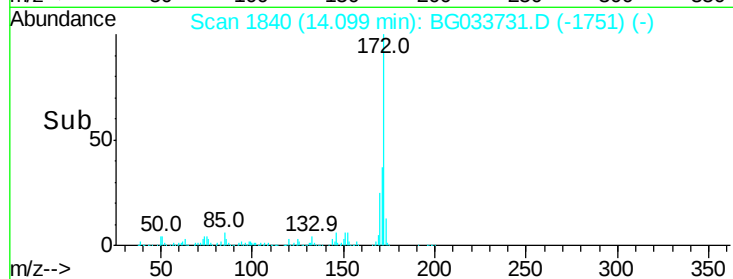
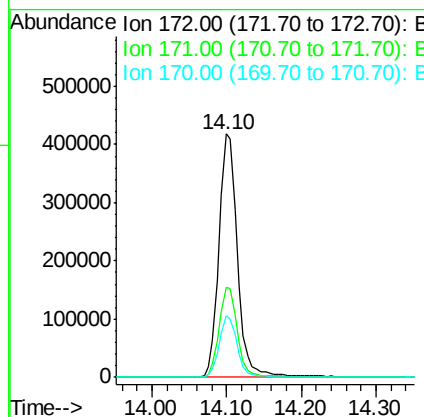
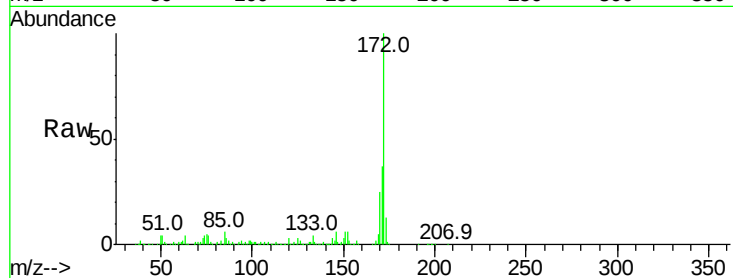




#44
2-Fluorobiphenyl
Concen: 101.150 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

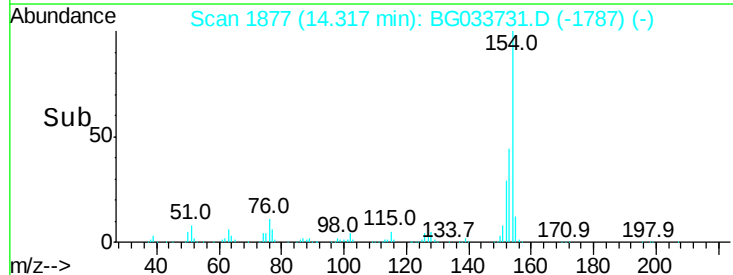
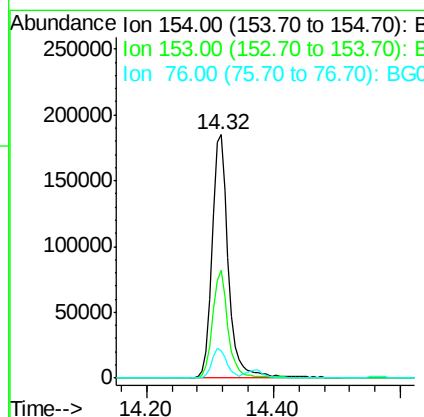
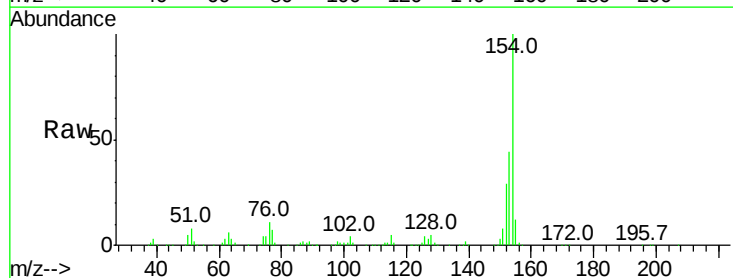
Instrument :
BNA_G
ClientSampleId :

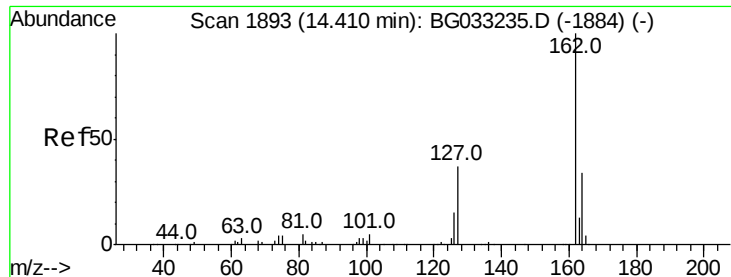
Tot Ion:172 Resp: 723227
Ion Ratio Lower Upper
172 100
171 36.9 30.0 45.0
170 25.3 19.5 29.3



#45
1,1'-Biphenyl
Concen: 42.244 ng
RT: 14.32 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion:154 Resp: 335005
Ion Ratio Lower Upper
154 100
153 44.1 19.8 59.8
76 11.3 0.0 31.9

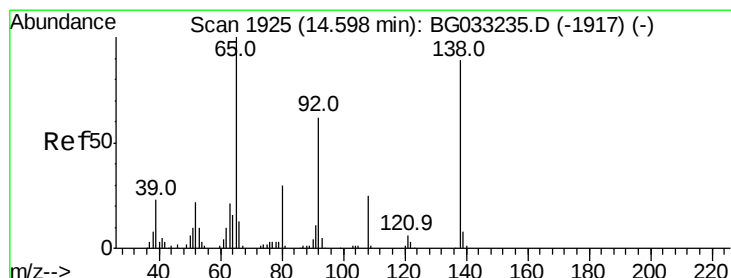
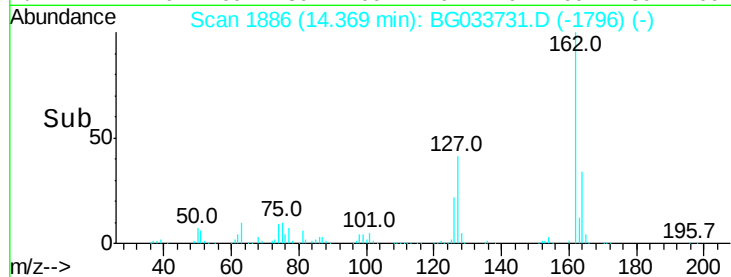
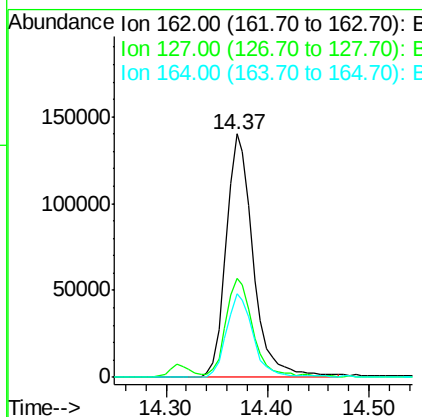
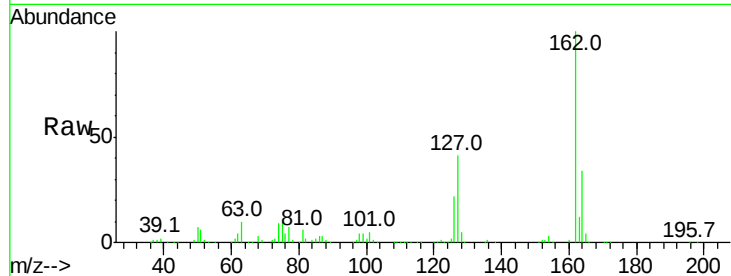




#46
2-Chloronaphthalene
Concen: 42.504 ng
RT: 14.37 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

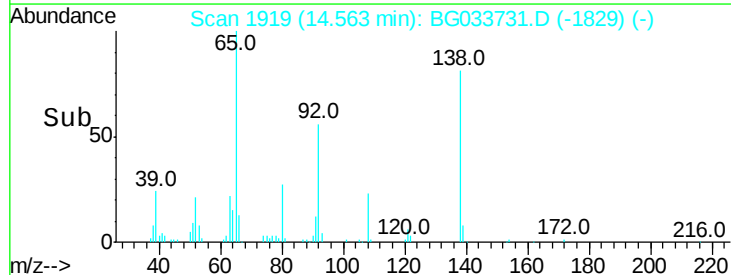
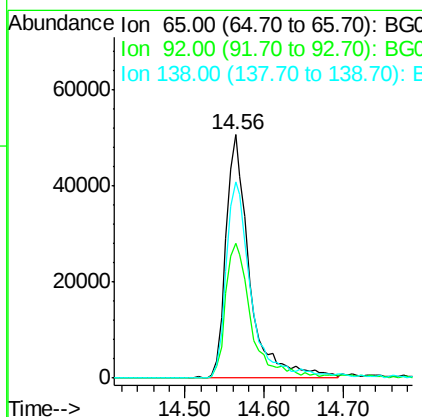
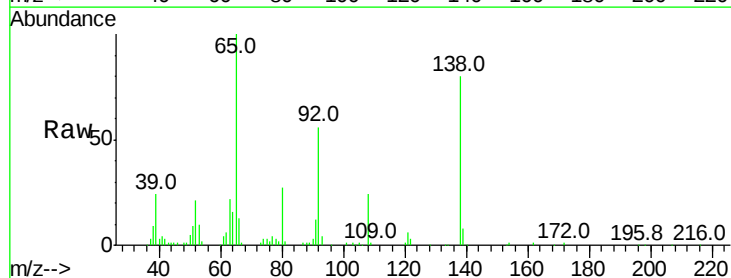
Instrument :
BNA_G
ClientSampleId :

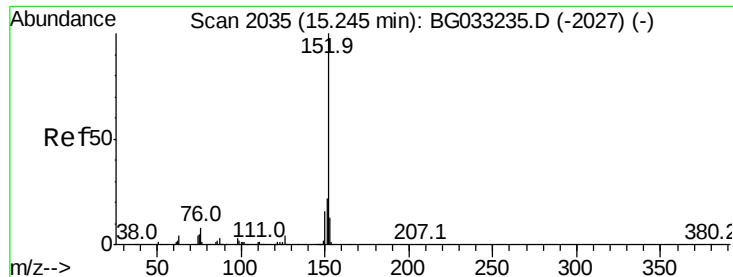
Tot Ion:162 Resp: 259894
Ion Ratio Lower Upper
162 100
127 40.6 30.7 46.1
164 34.4 26.0 39.0



#47
2-Nitroaniline
Concen: 45.725 ng
RT: 14.56 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion: 65 Resp: 104721
Ion Ratio Lower Upper
65 100
92 55.6 54.6 82.0
138 80.4 72.9 109.3





#48

Acenaphthylene

Concen: 40.926 ng

RT: 15.20 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

ClientSampleId :

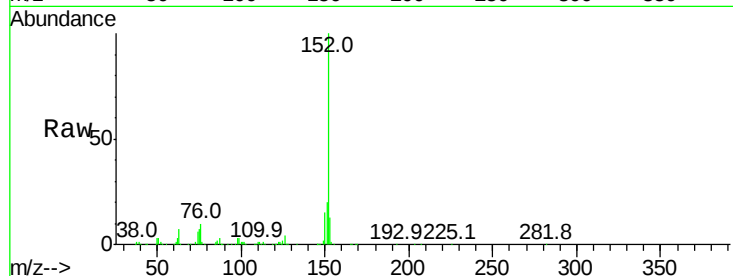
Tot Ion:152 Resp: 417714

Ion Ratio Lower Upper

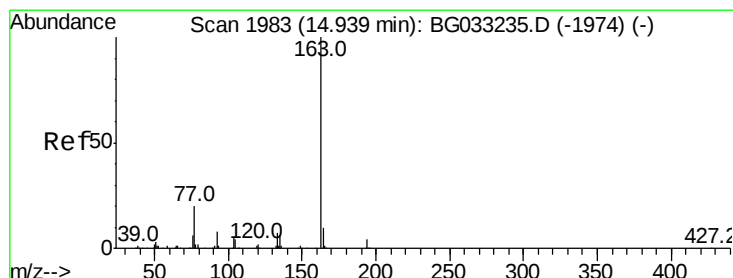
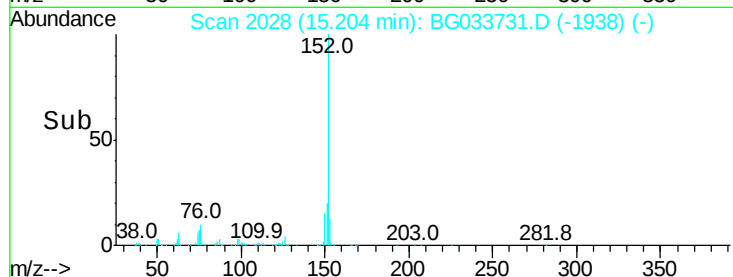
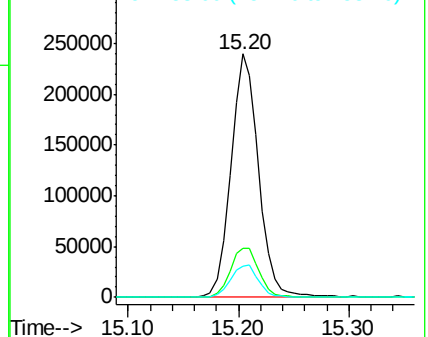
152 100

151 20.2 17.2 25.8

153 12.7 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: 42.938 ng

RT: 14.90 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

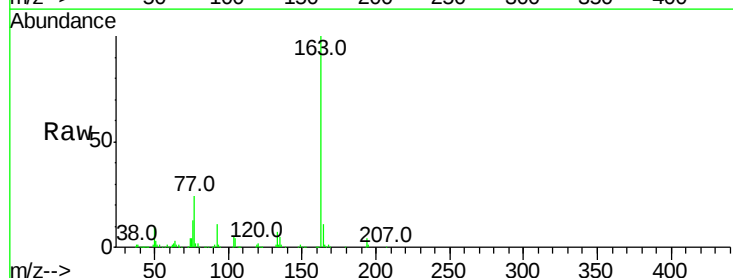
Tgt Ion:163 Resp: 385714

Ion Ratio Lower Upper

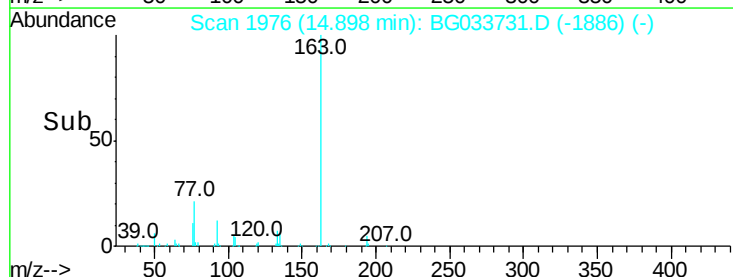
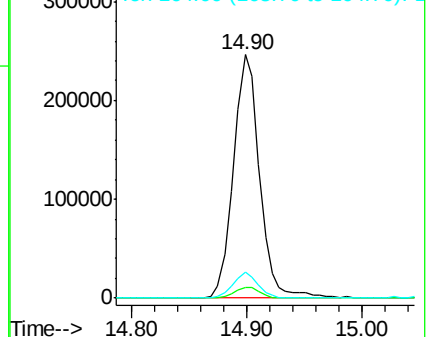
163 100

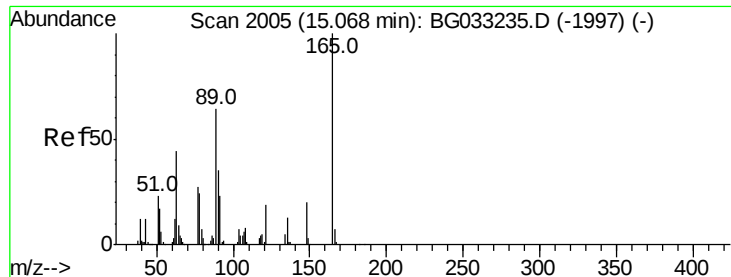
194 4.3 3.4 5.2

164 10.6 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

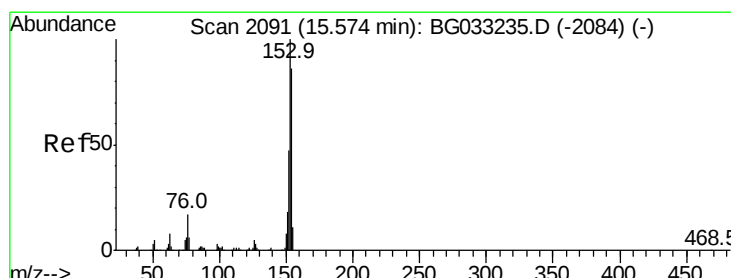
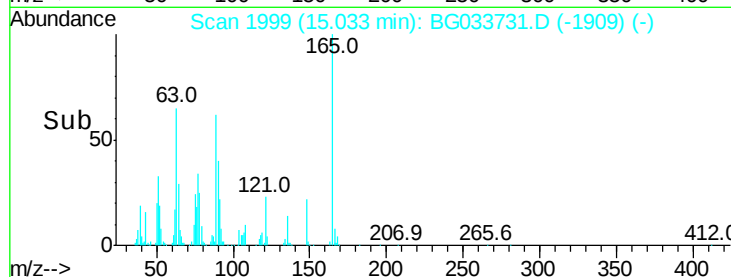
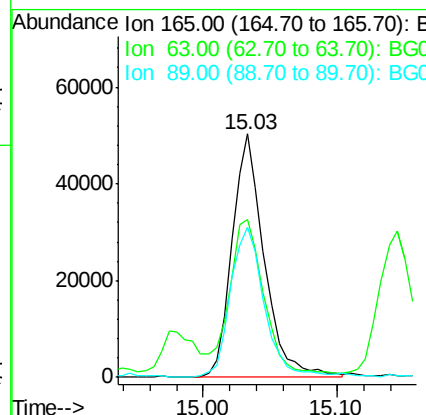
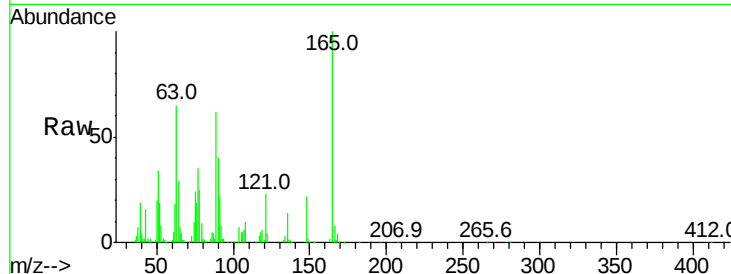




#50
2,6-Dinitrotoluene
Concen: 45.959 ng
RT: 15.03 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

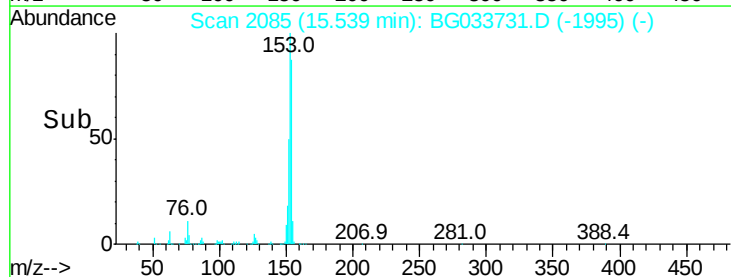
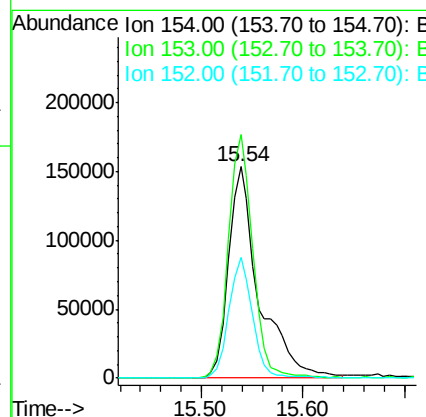
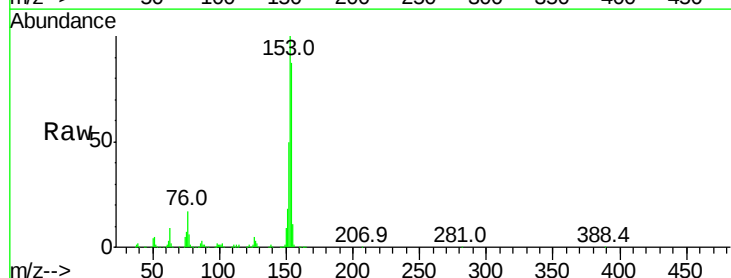
Instrument :
BNA_G
ClientSampleId :

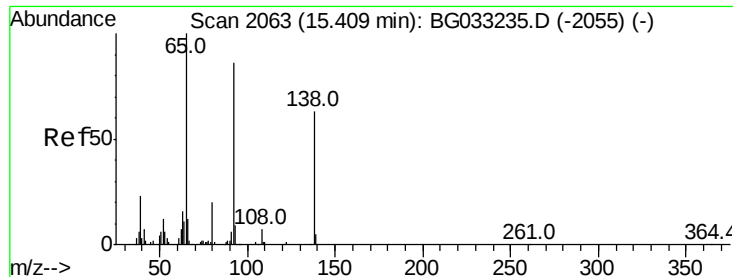
Tot Ion:165 Resp: 84417
Ion Ratio Lower Upper
165 100
63 64.8 52.7 79.1
89 61.8 49.2 73.8



#51
Acenaphthene
Concen: 48.803 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion:154 Resp: 321101
Ion Ratio Lower Upper
154 100
153 115.2 90.4 135.6
152 57.3 41.6 62.4





#52

3-Nitroaniline

Concen: 5.812 ng

RT: 15.38 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

ClientSampleId :

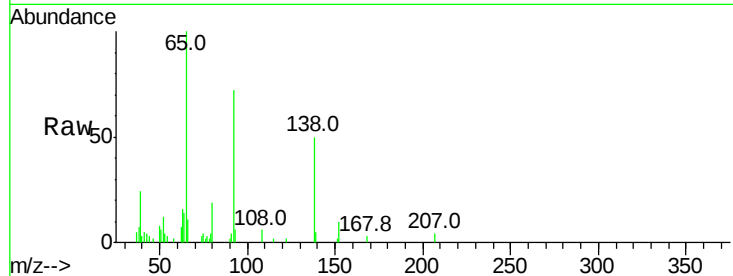
Tot Ion:138 Resp: 11193

Ion Ratio Lower Upper

138 100

108 12.5 17.5 26.3#

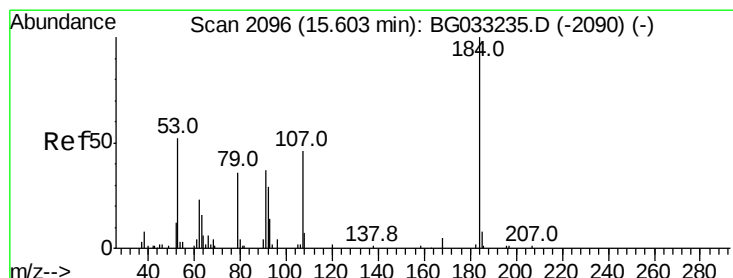
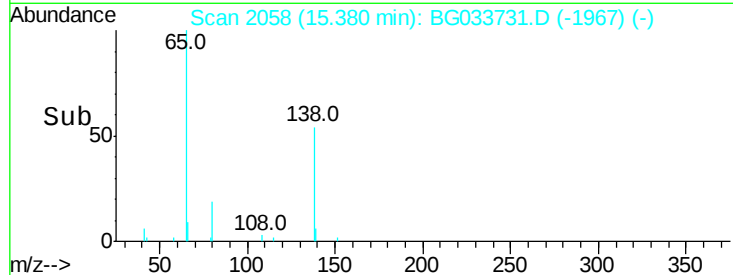
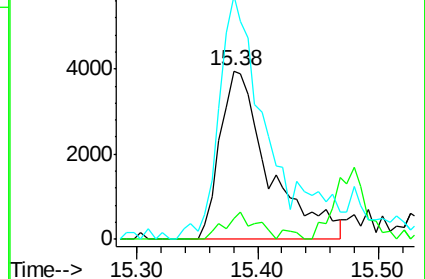
92 144.7 105.8 158.8



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: 96.736 ng

RT: 15.57 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

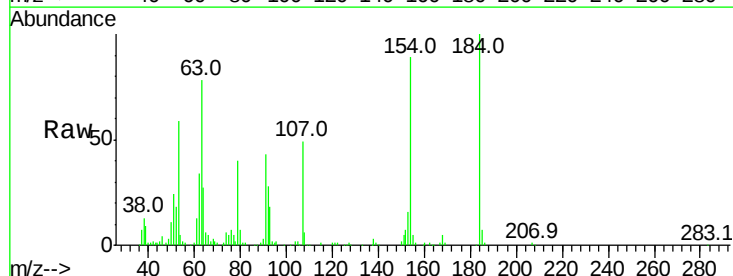
Tgt Ion:184 Resp: 93696

Ion Ratio Lower Upper

184 100

63 78.4 59.8 89.8

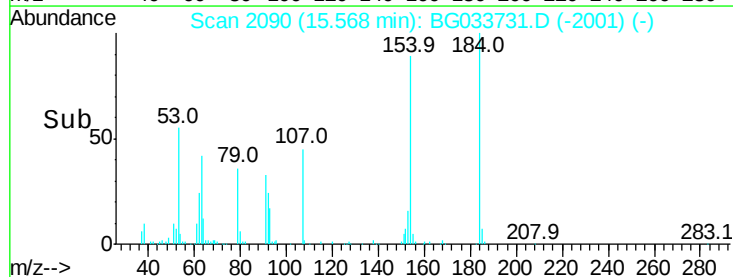
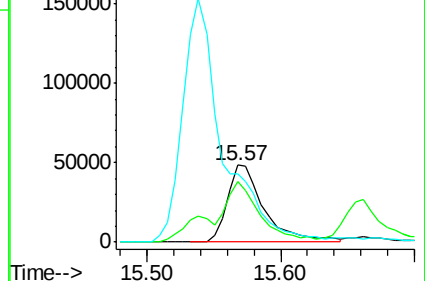
154 88.9 101.8 152.8#

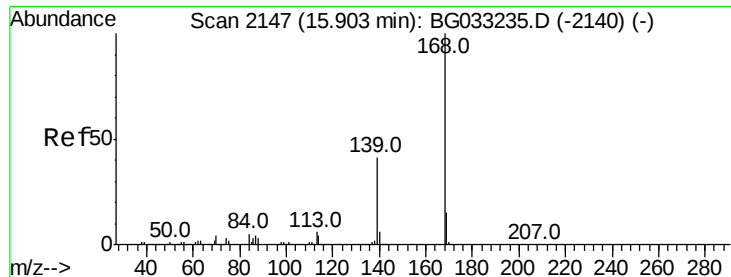


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 44.321 ng

RT: 15.87 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

ClientSampleId :

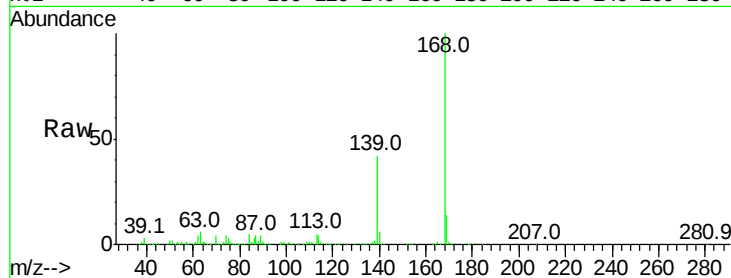
Tot Ion:168 Resp: 430744

Ion Ratio Lower Upper

168 100

139 42.0 28.6 43.0

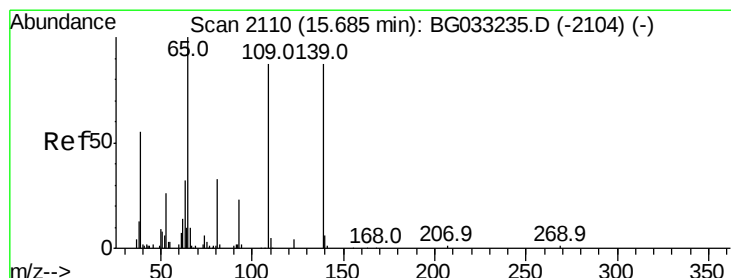
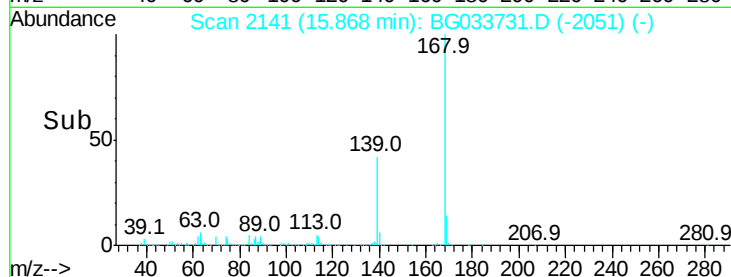
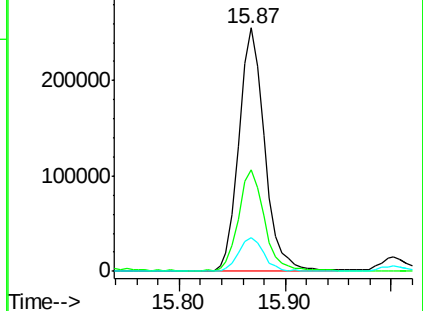
169 14.0 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 91.250 ng

RT: 15.66 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

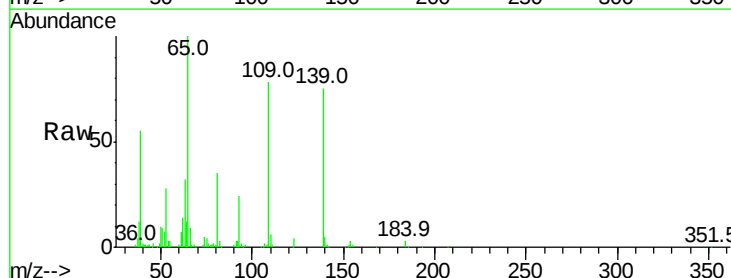
Tgt Ion:139 Resp: 123561

Ion Ratio Lower Upper

139 100

109 104.2 62.2 102.2#

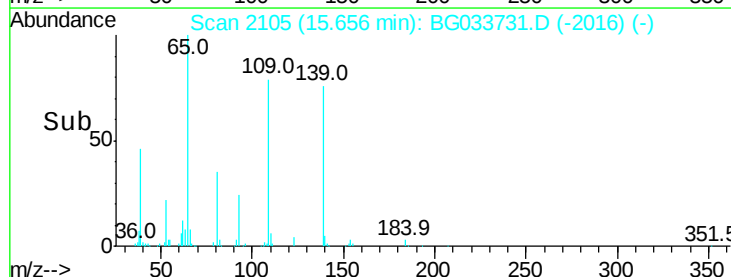
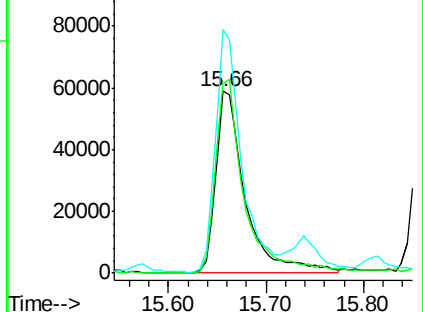
65 134.0 97.2 137.2

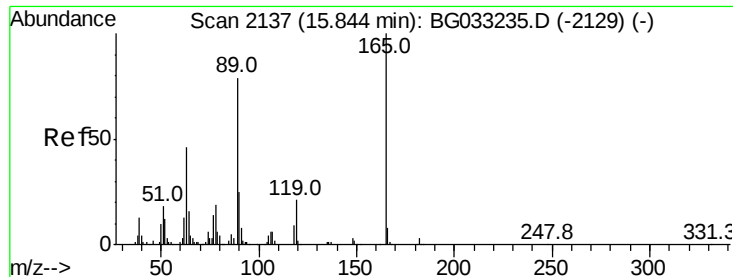


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

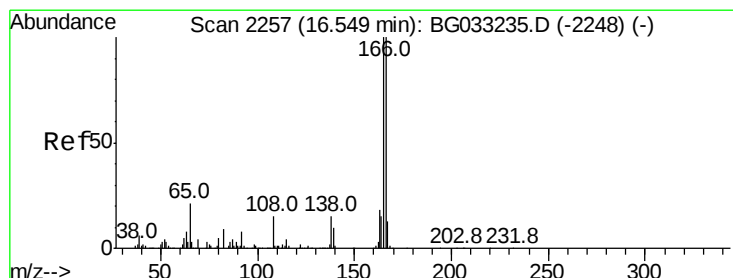
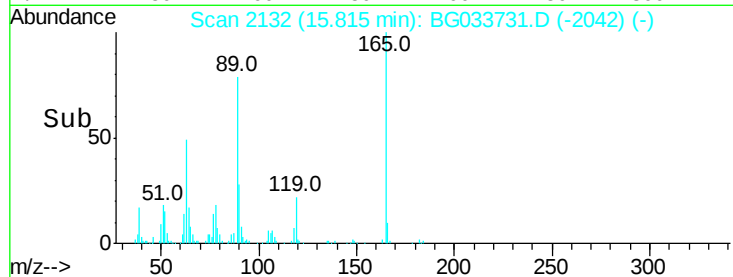
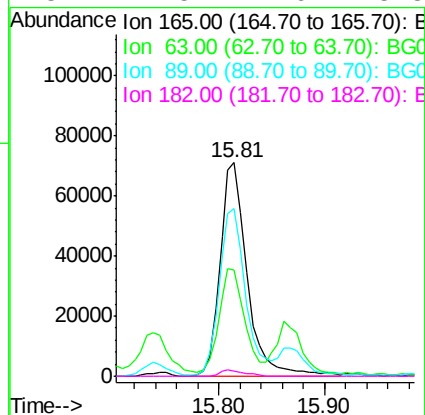
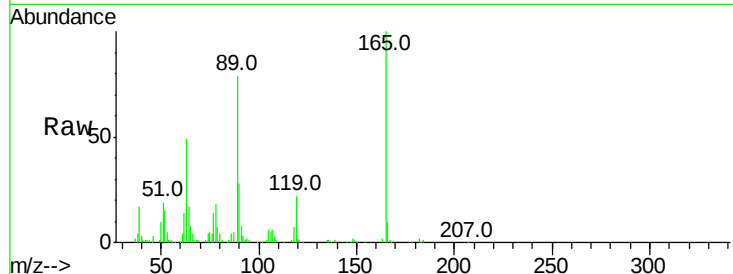




#56
2,4-Dinitrotoluene
Concen: 46.865 ng
RT: 15.81 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

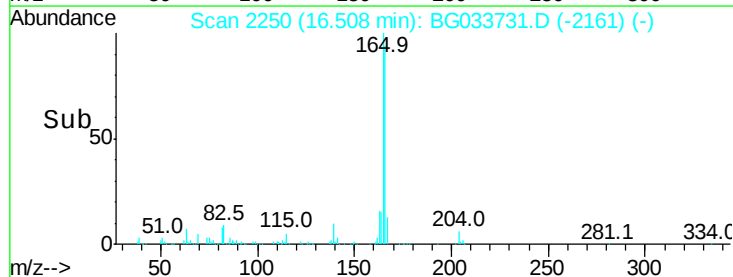
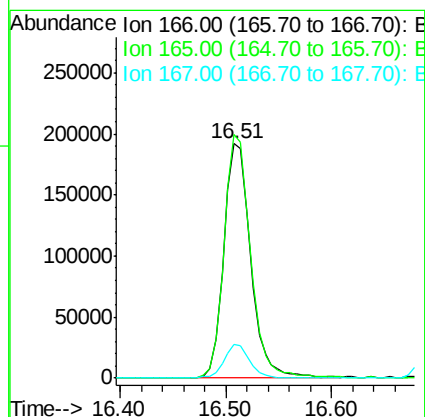
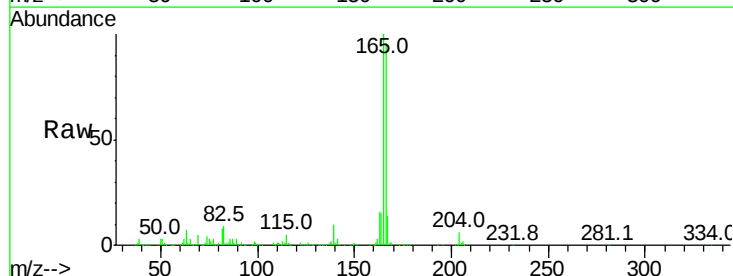
Instrument :
BNA_G
ClientSampleId :

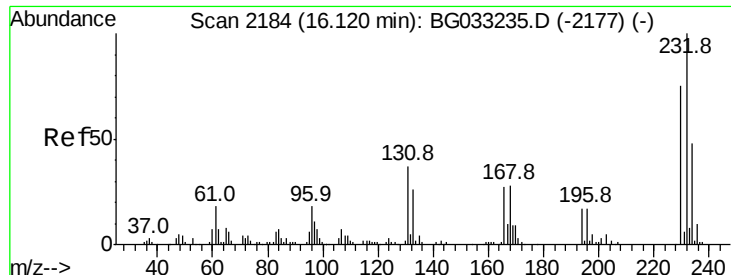
Tot Ion:165 Resp: 126746
Ion Ratio Lower Upper
165 100
63 49.5 42.0 63.0
89 78.6 66.9 100.3
182 2.5 2.6 3.8#



#57
Fluorene
Concen: 41.080 ng
RT: 16.51 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion:166 Resp: 340127
Ion Ratio Lower Upper
166 100
165 103.8 80.6 121.0
167 14.2 10.4 15.6





#58

2,3,4,6-Tetrachlorophenol

Concen: 46.358 ng

RT: 16.08 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

ClientSampled :

Tot Ion:232 Resp: 112060

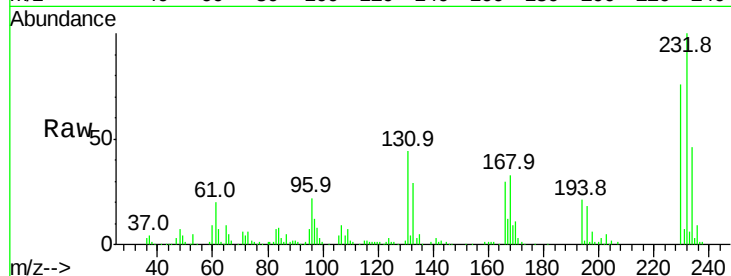
Ion Ratio Lower Upper

232 100

131 42.2 33.5 50.3

130 2.4 2.2 3.2

166 29.3 24.8 37.2

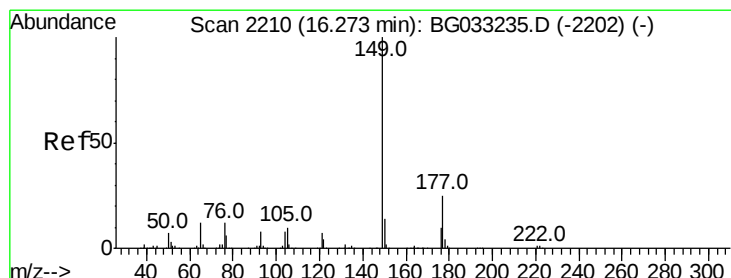
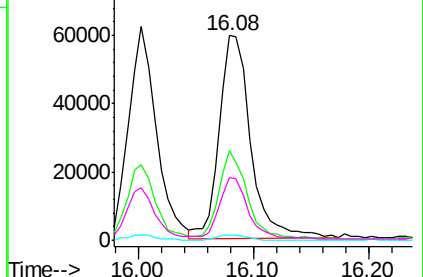
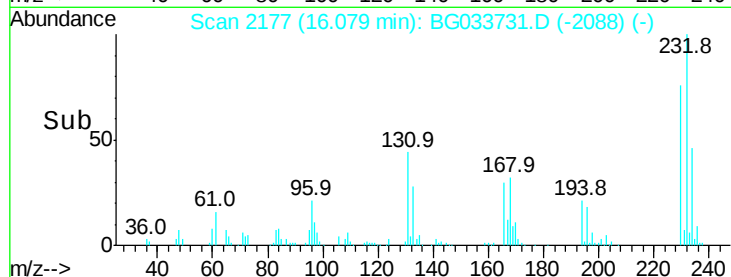


Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.642 ng

RT: 16.24 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

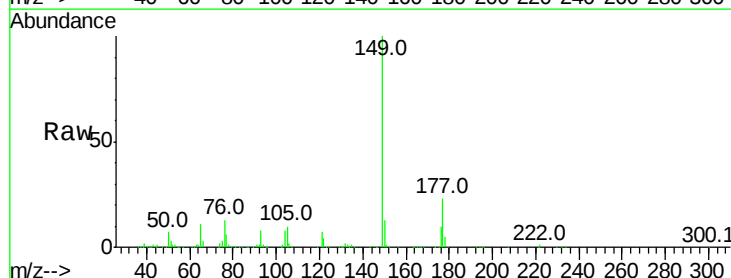
Tgt Ion:149 Resp: 398123

Ion Ratio Lower Upper

149 100

177 23.4 18.5 27.7

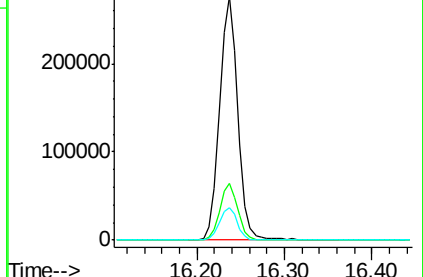
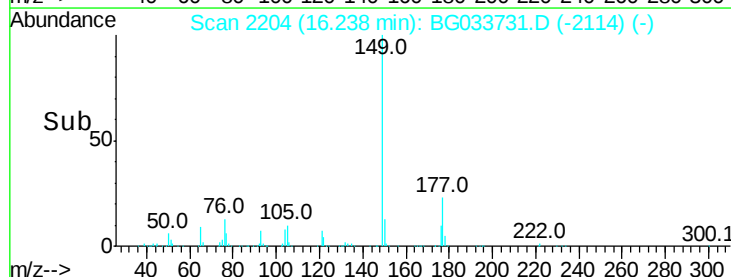
150 13.1 10.2 15.2

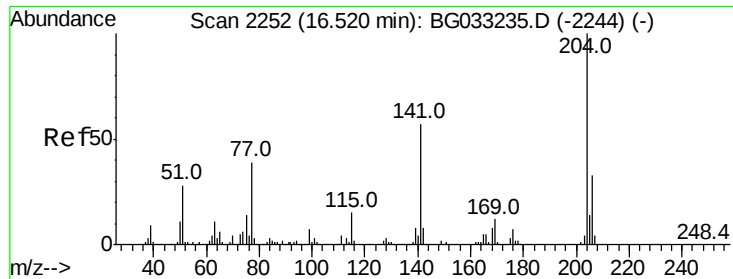


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

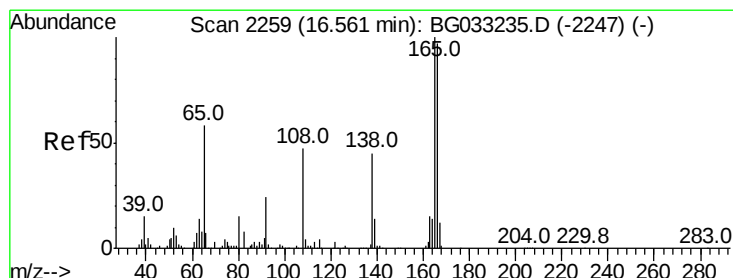
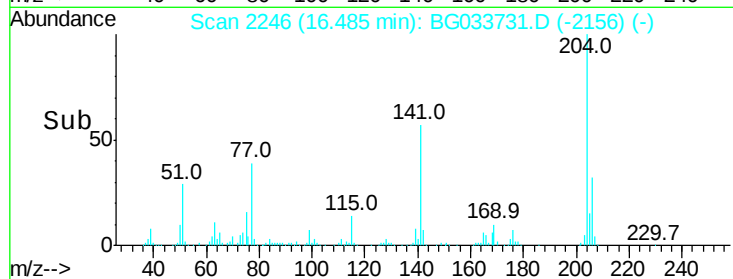
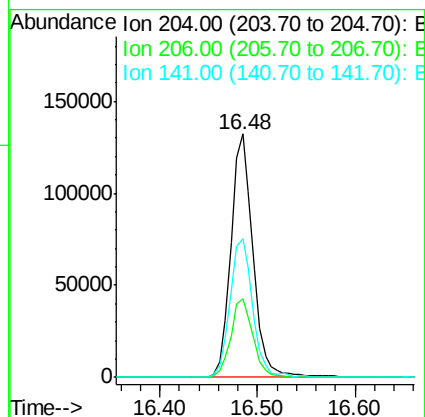
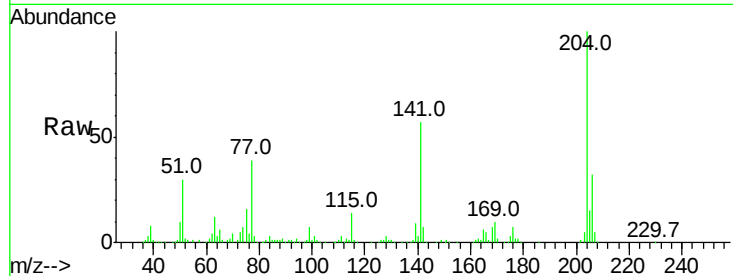




#60
 4-Chlorophenyl-phenylether
 Concen: 43.438 ng
 RT: 16.48 min Scan# 2246
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

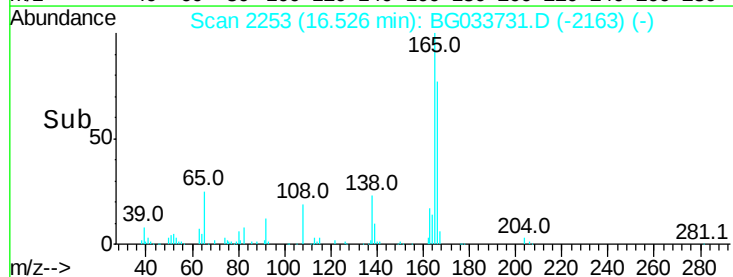
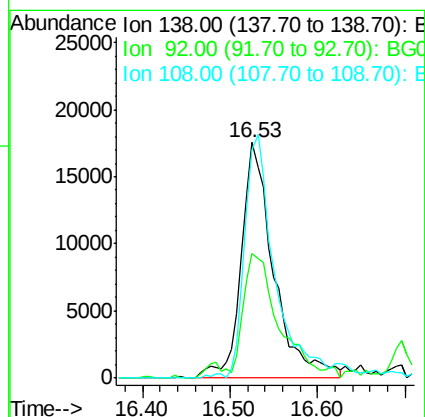
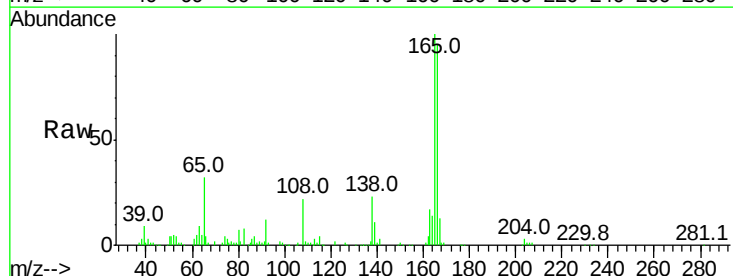
Instrument :
 BNA_G
 ClientSampleId :

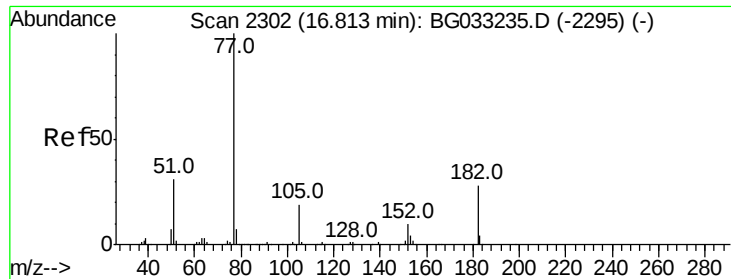
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	57.2	45.8	68.6



#61
 4-Nitroaniline
 Concen: 22.643 ng
 RT: 16.53 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.0	40.1	80.1
108	96.9	65.4	105.4

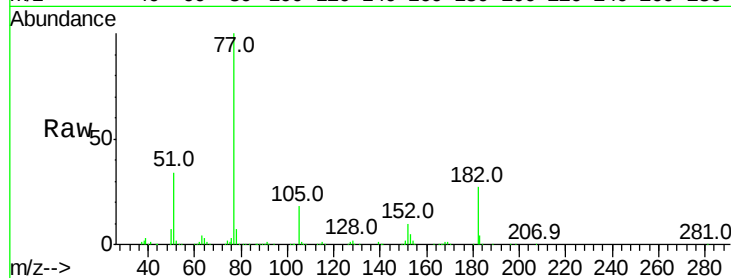




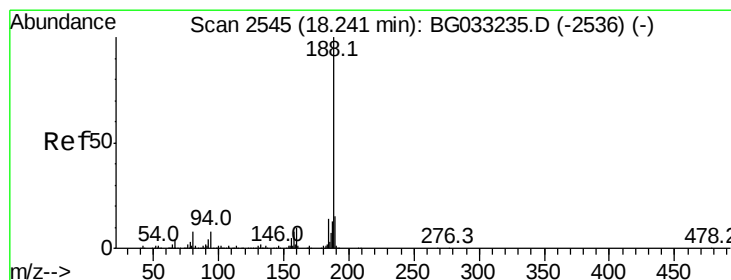
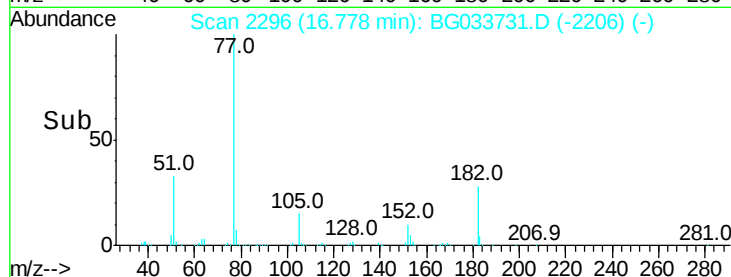
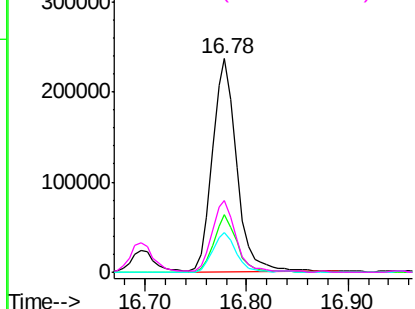
#62
Azobenzene
Concen: 46.029 ng
RT: 16.78 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 388932
Ion Ratio Lower Upper
77 100
182 26.8 7.4 47.4
105 18.5 0.3 40.3
51 33.6 11.6 51.6

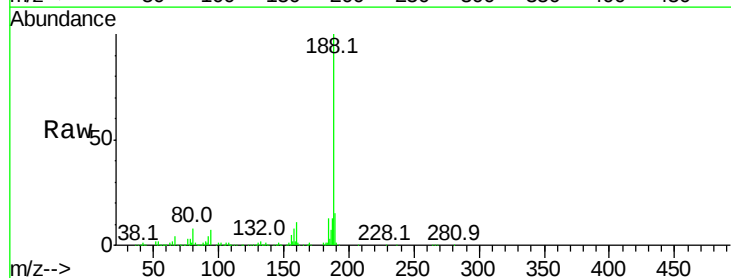


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

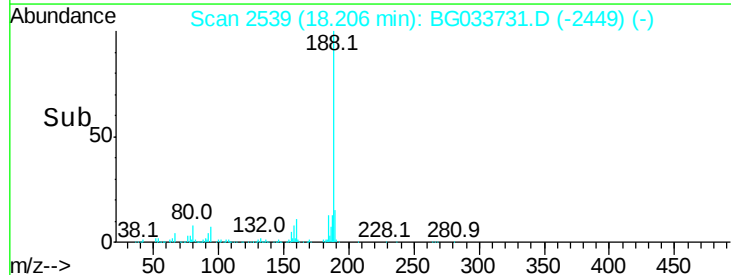
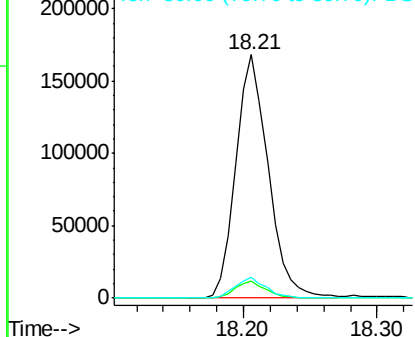


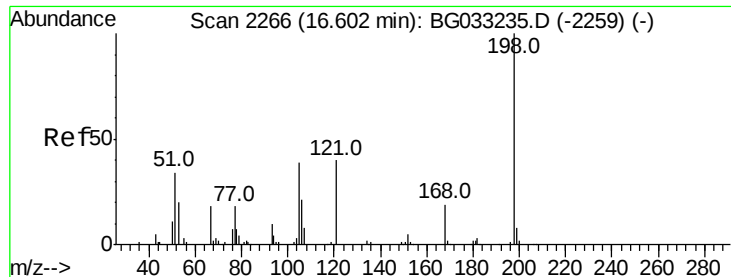
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion: 188 Resp: 283176
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 8.3 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: 46.547 ng

RT: 16.57 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

ClientSampled :

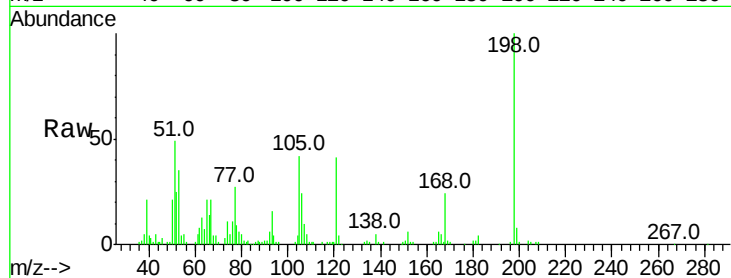
Tot Ion:198 Resp: 78852

Ion Ratio Lower Upper

198 100

51 49.4 30.6 70.6

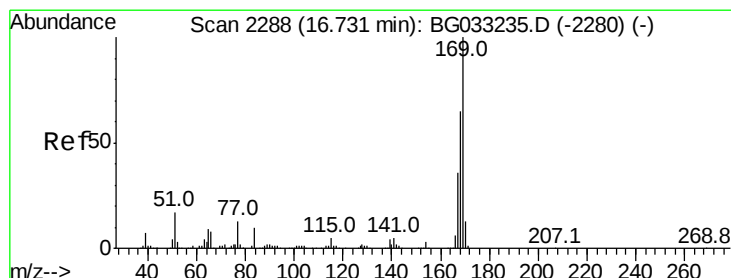
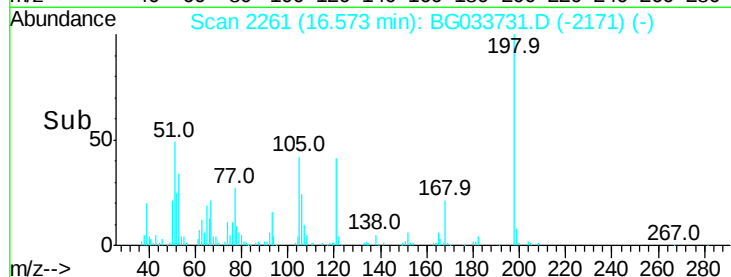
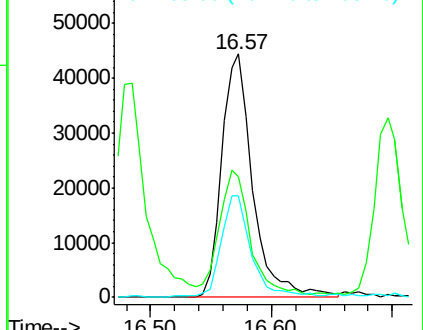
105 41.9 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 40.383 ng

RT: 16.70 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

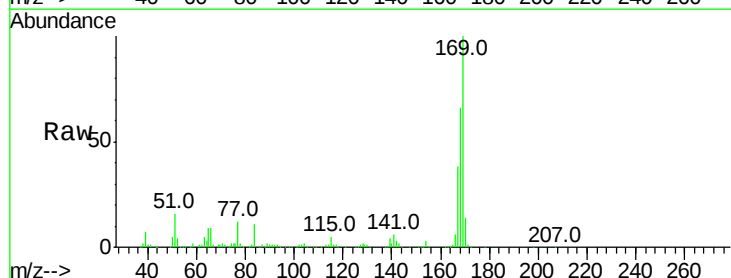
Tgt Ion:169 Resp: 326469

Ion Ratio Lower Upper

169 100

168 66.3 55.7 83.5

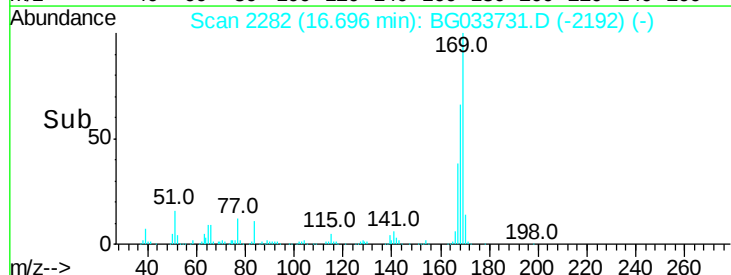
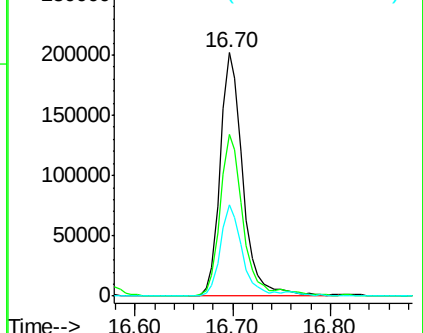
167 37.5 30.1 45.1

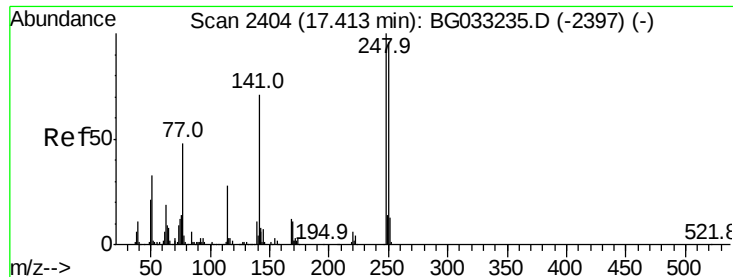


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

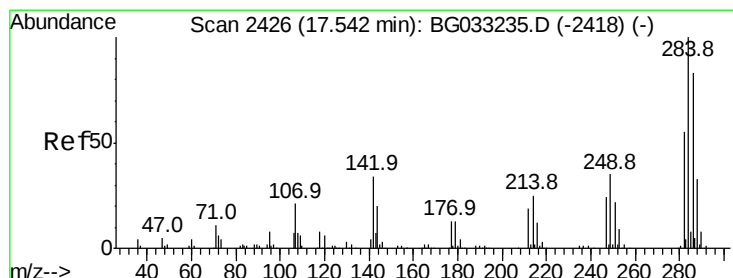
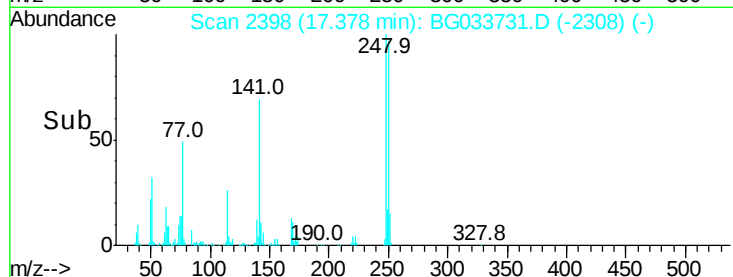
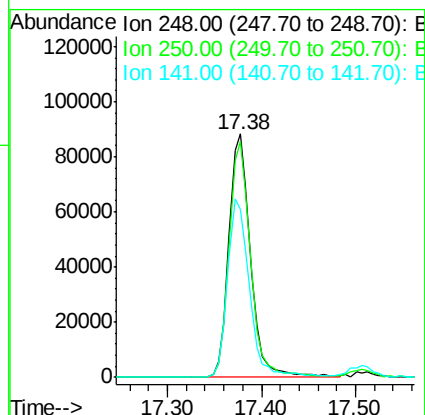
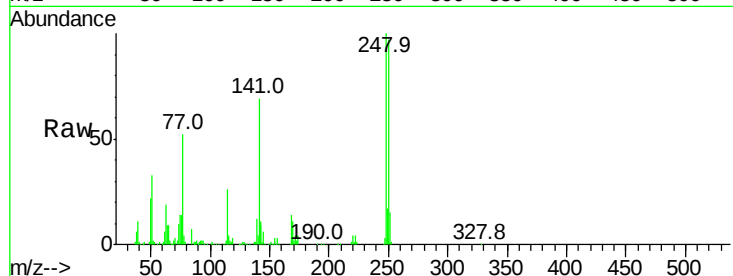




#66
4-Bromophenyl-phenylether
Concen: 42.505 ng
RT: 17.38 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

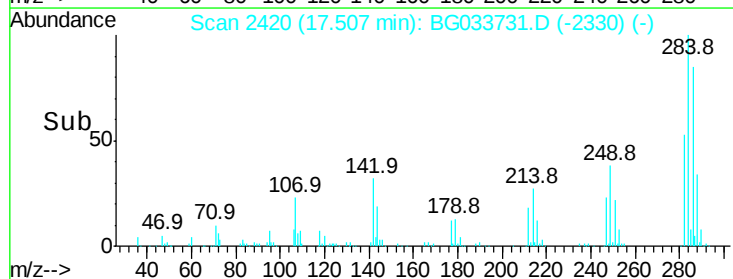
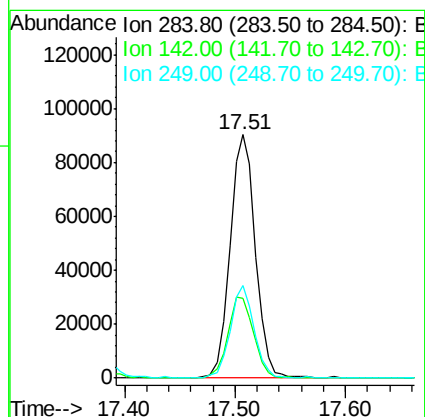
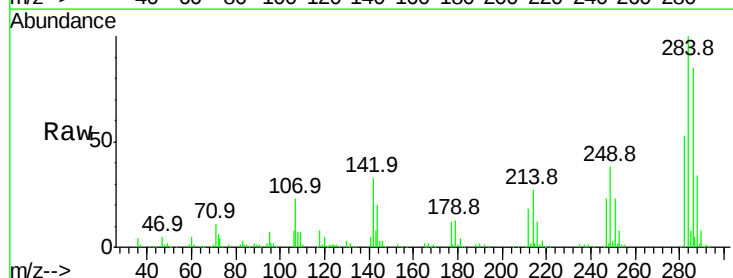
Instrument :
BNA_G
ClientSampleId :

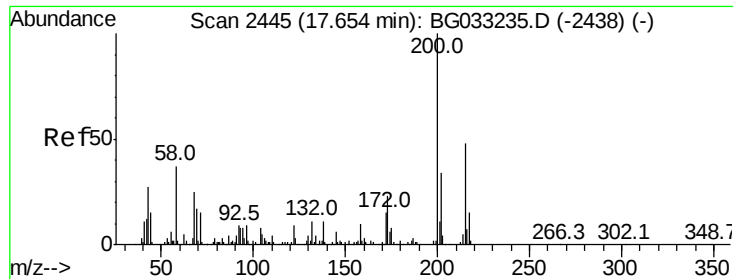
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.1	115.7
141	69.2	50.8	76.2



#67
Hexachlorobenzene
Concen: 41.247 ng
RT: 17.51 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	26.8	40.2
249	38.1	26.3	39.5





#68

Atrazine

Concen: 29.175 ng

RT: 17.61 min Scan# 2438

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

ClientSampleId :

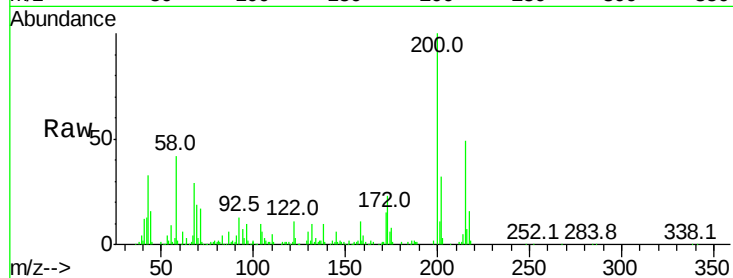
Tot Ion:200 Resp: 95574

Ion Ratio Lower Upper

200 100

173 23.4 5.2 45.2

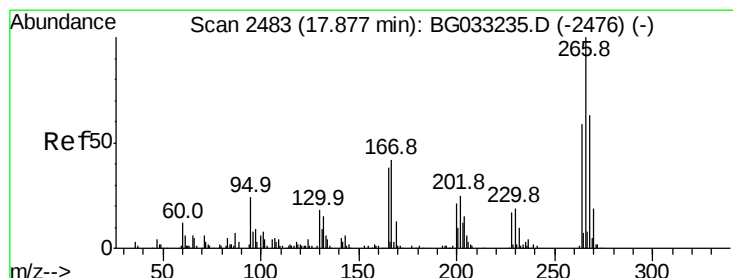
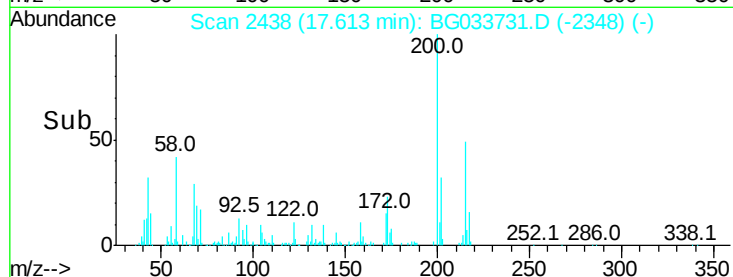
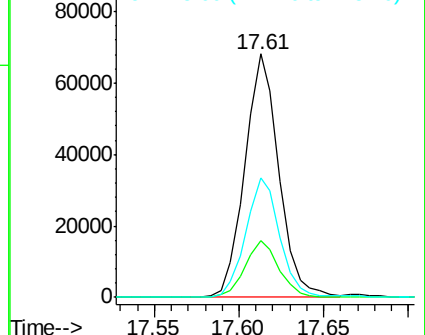
215 49.0 30.4 70.4



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: 78.578 ng

RT: 17.84 min Scan# 2477

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

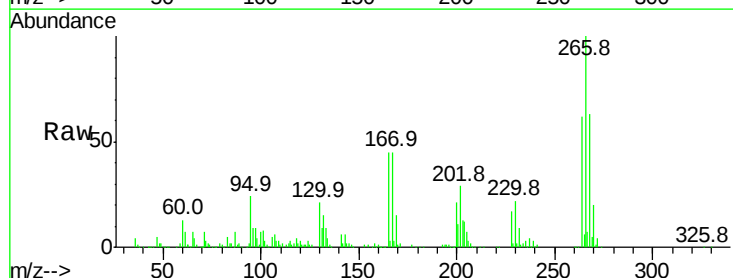
Tgt Ion:266 Resp: 189289

Ion Ratio Lower Upper

266 100

268 62.5 51.1 76.7

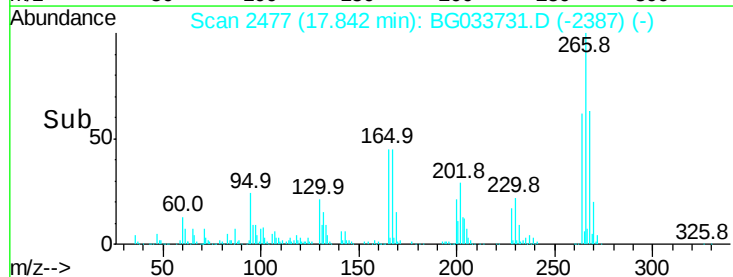
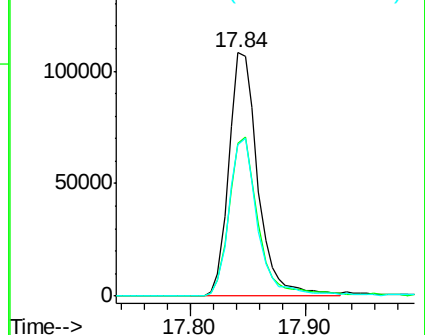
264 62.4 49.6 74.4

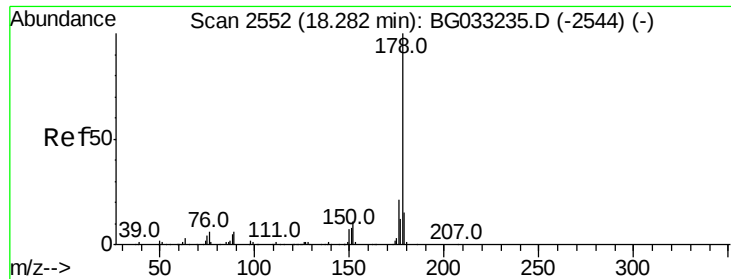


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

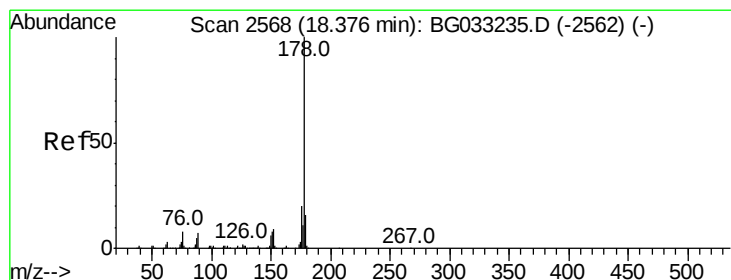
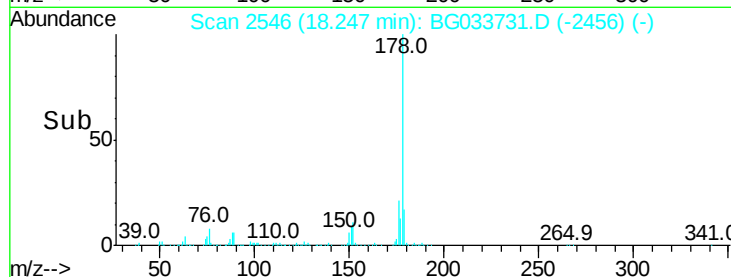
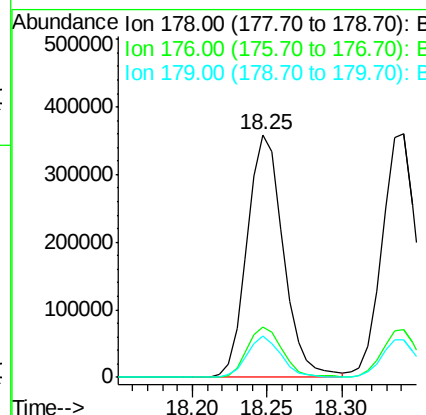
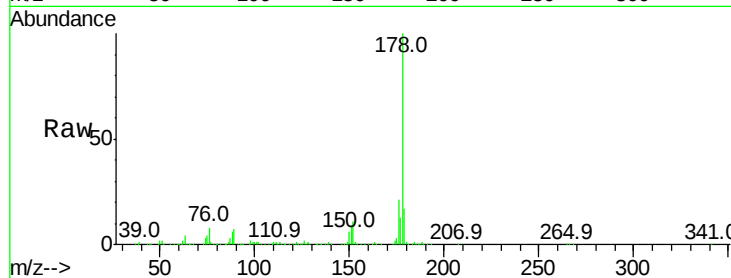




#70
 Phenanthrene
 Concen: 40.854 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

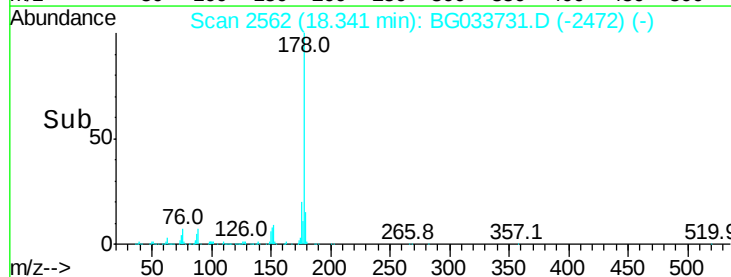
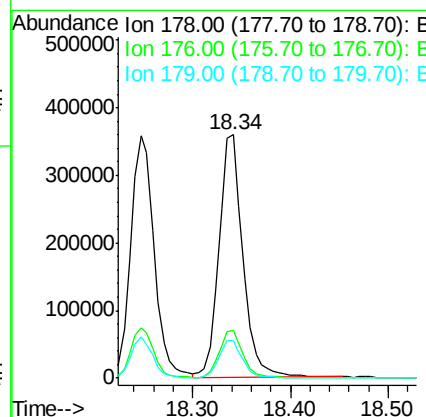
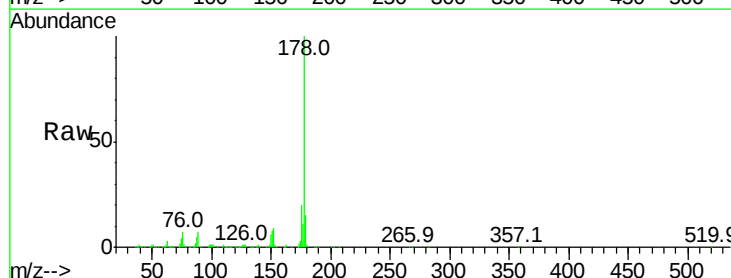
Instrument :
 BNA_G
 ClientSampleId :

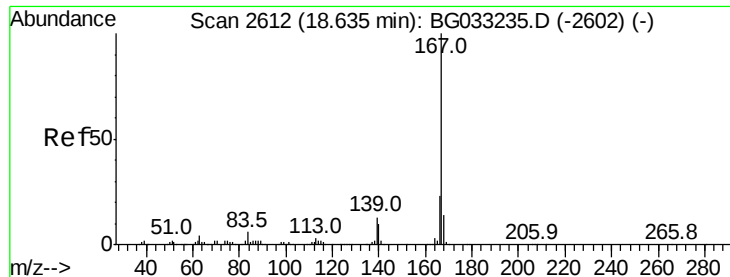
Tot Ion:178 Resp: 602507
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.7 23.5
 179 16.9 12.5 18.7



#71
 Anthracene
 Concen: 40.880 ng
 RT: 18.34 min Scan# 2562
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion:178 Resp: 610435
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 15.4 12.5 18.7





#72

Carbazole

Concen: 43.781 ng

RT: 18.60 min Scan# 2606

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

ClientSampled :

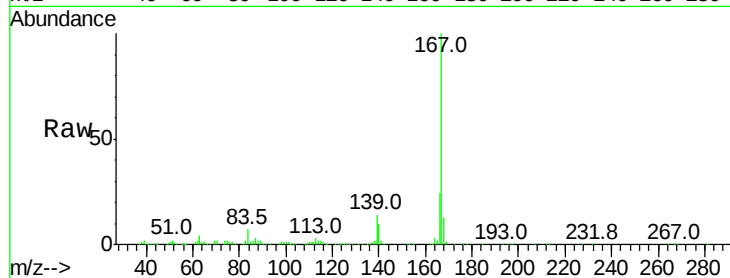
Tot Ion:167 Resp: 579321

Ion Ratio Lower Upper

167 100

166 24.3 18.2 27.4

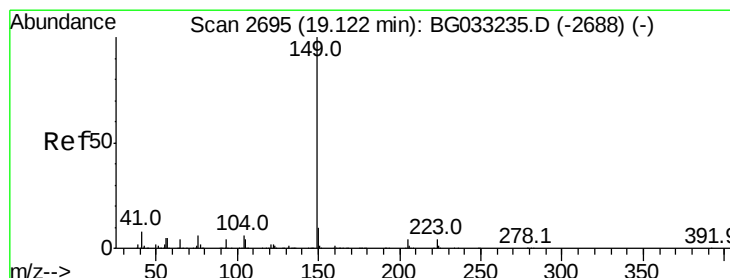
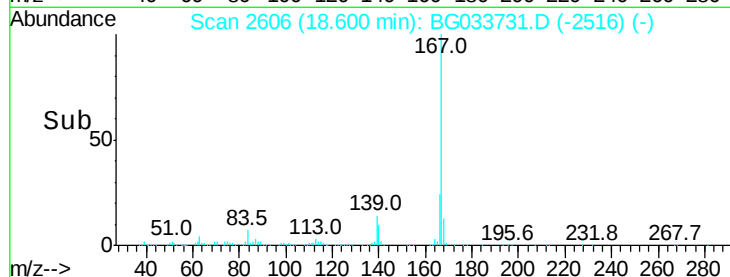
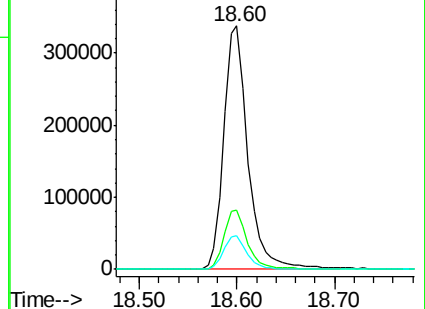
139 14.0 9.4 14.2



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: 45.783 ng

RT: 19.09 min Scan# 2689

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

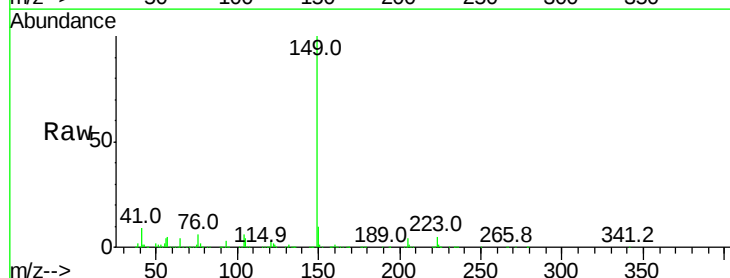
Tgt Ion:149 Resp: 705140

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

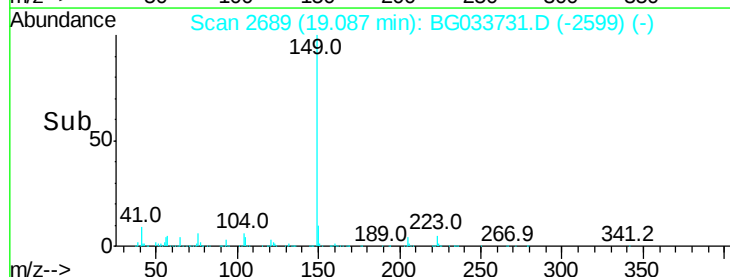
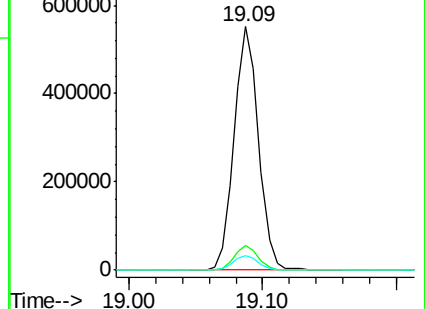
104 6.0 3.9 5.9#

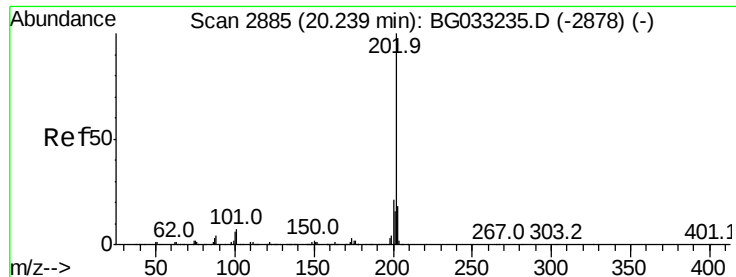


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

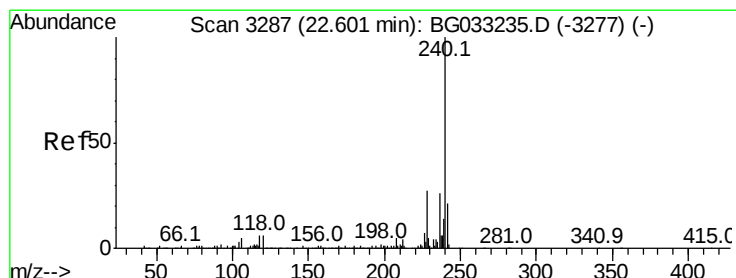
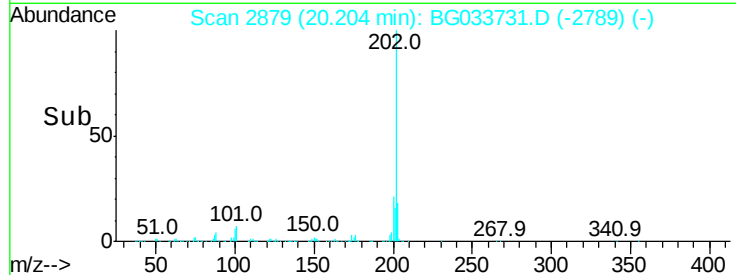
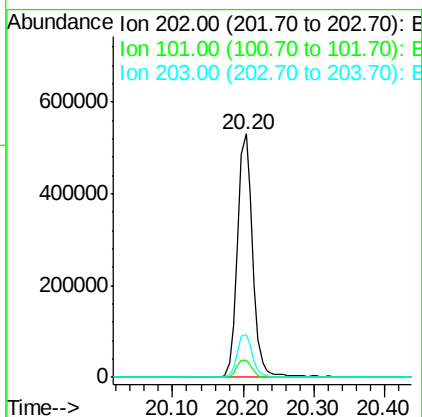
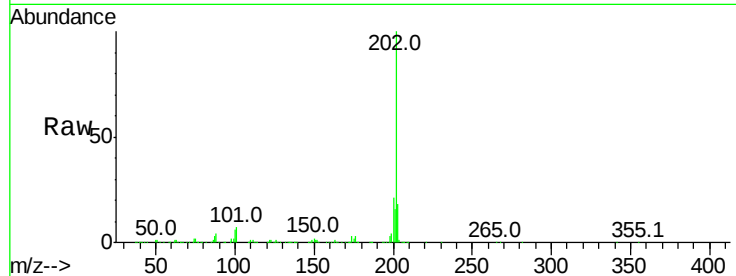




#74
 Fluoranthene
 Concen: 43.524 ng
 RT: 20.20 min Scan# 2879
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

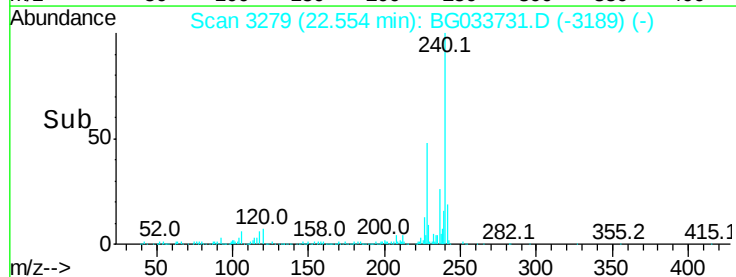
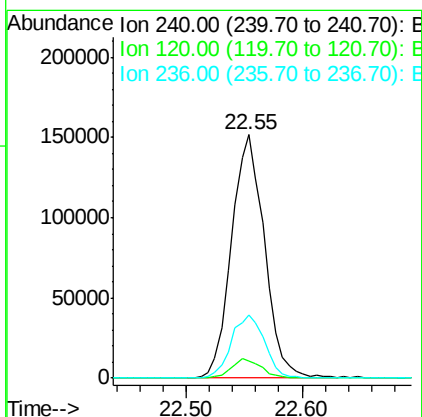
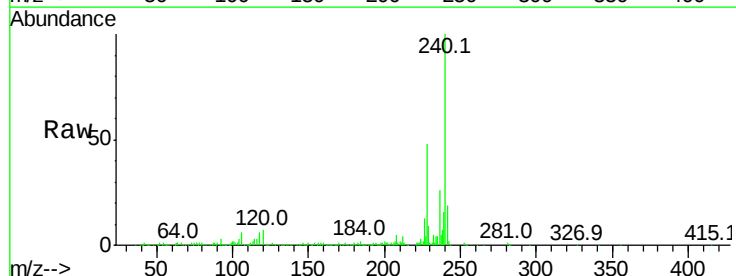
Instrument :
 BNA_G
 ClientSampleId :

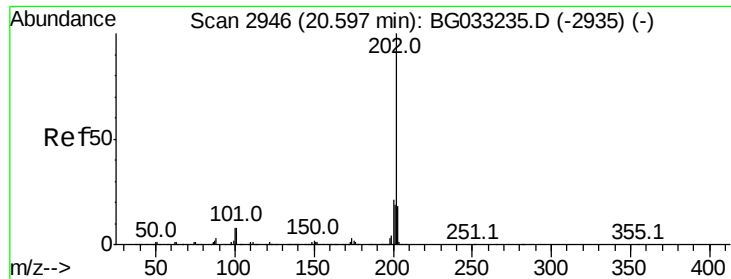
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	28.9
203	17.7	0.0	37.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3279
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.8	10.2
236	25.8	20.9	31.3

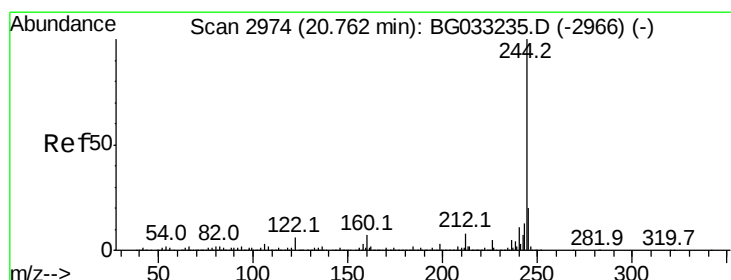
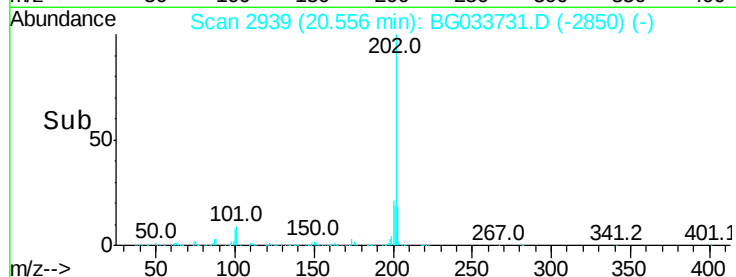
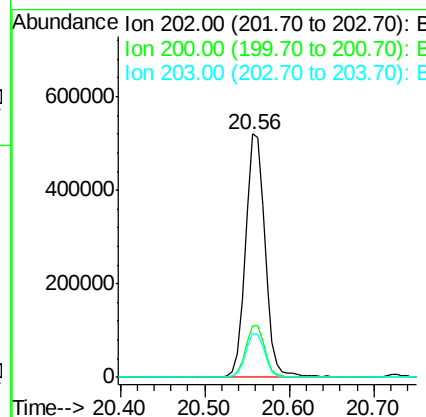
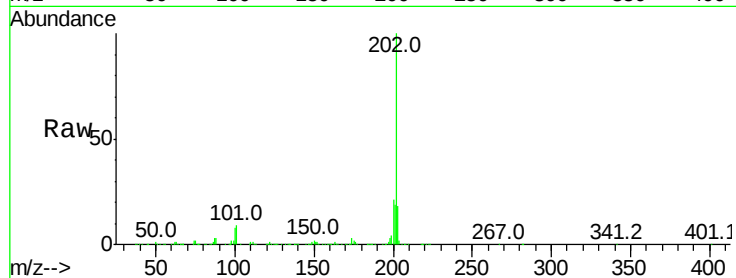




#77
 Pvrene
 Concen: 40.991 ng
 RT: 20.56 min Scan# 2939
 Delta R.T. -0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

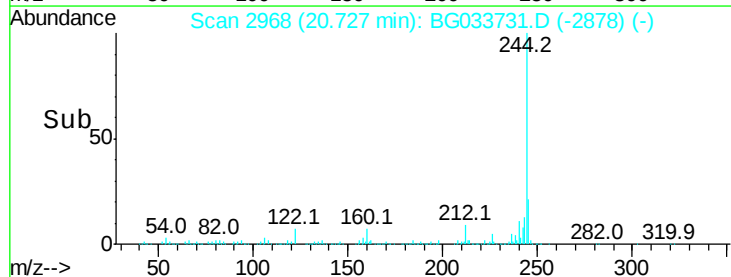
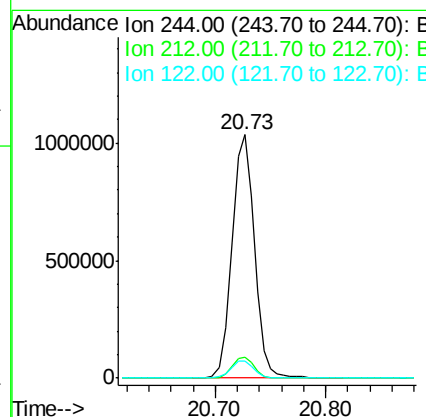
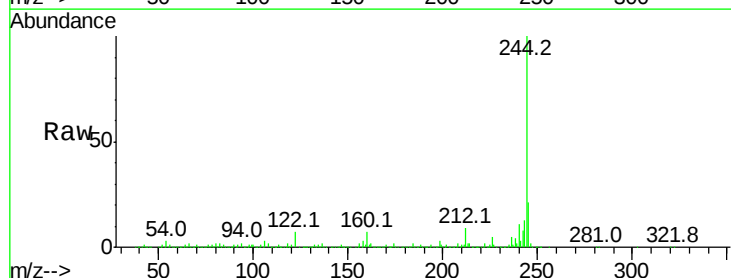
Instrument :
 BNA_G
 ClientSampleId :

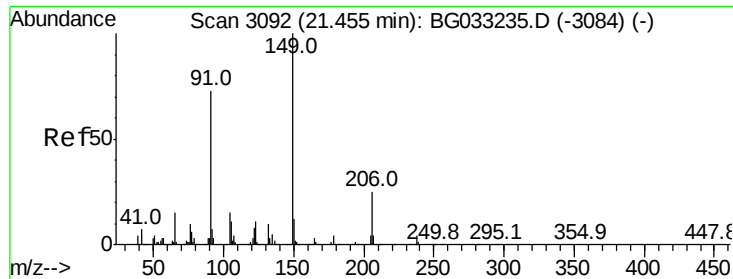
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	18.0	13.9	20.9



#78
 Terphenyl-d14
 Concen: 105.346 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	7.2	7.0	10.4

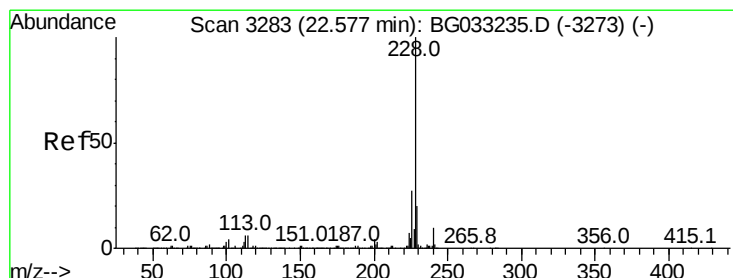
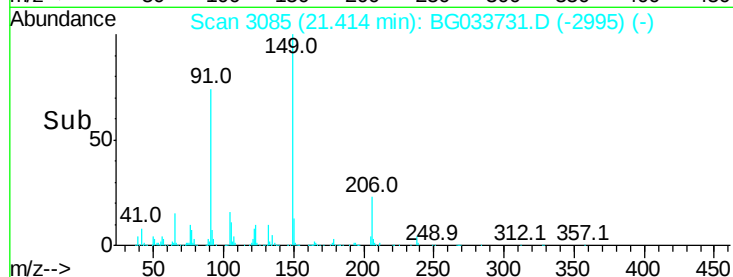
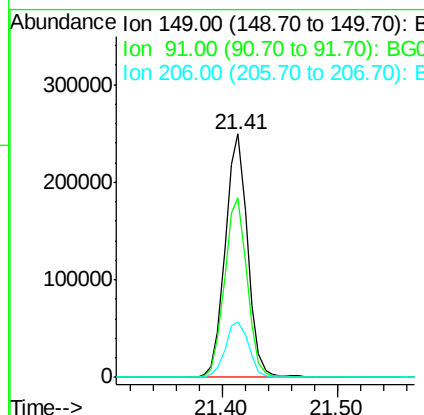
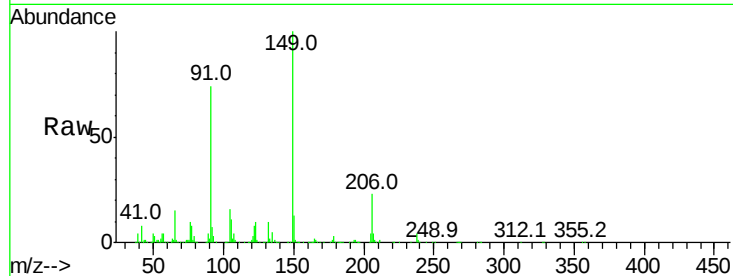




#79
Butylbenzylphthalate
Concen: 45.241 ng
RT: 21.41 min Scan# 3085
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

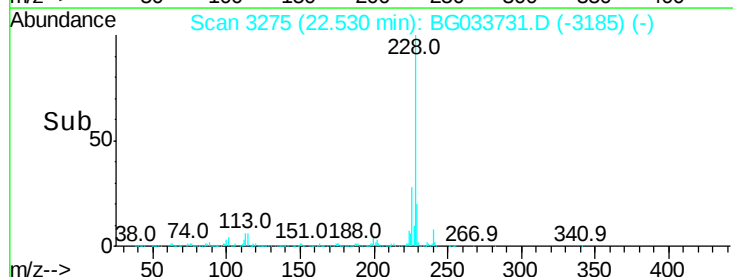
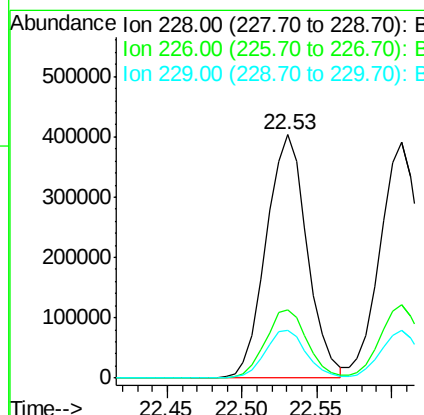
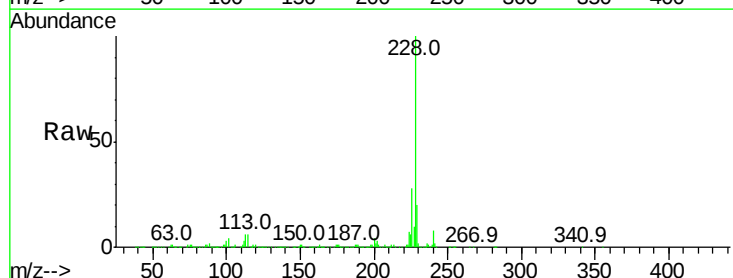
Instrument :
BNA_G
ClientSampleId :

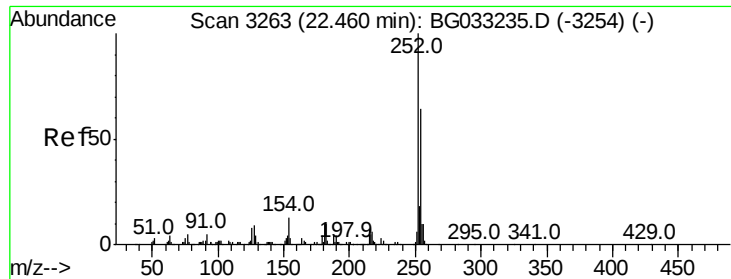
Tot Ion:149 Resp: 333925
Ion Ratio Lower Upper
149 100
91 73.8 62.2 93.2
206 23.0 18.6 27.8



#80
Benzo(a)anthracene
Concen: 40.281 ng
RT: 22.53 min Scan# 3275
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion:228 Resp: 769214
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 19.6 16.2 24.2

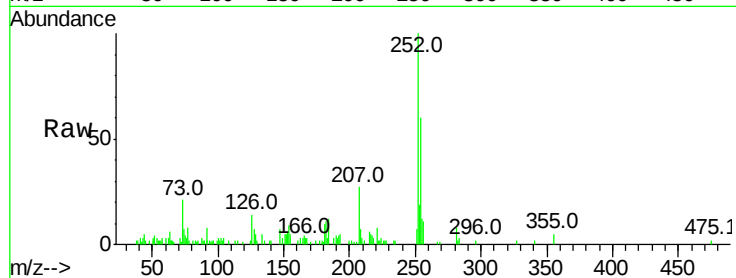




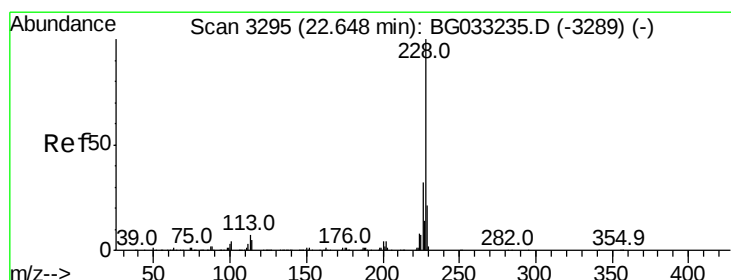
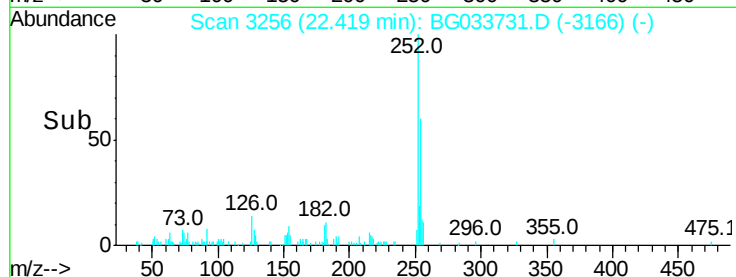
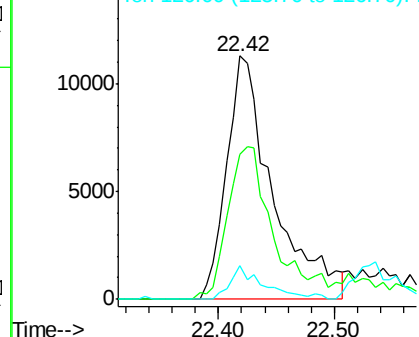
#81
 3,3'-Dichlorobenzidine
 Concen: 4.636 ng
 RT: 22.42 min Scan# 3256
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 31503
 Ion Ratio Lower Upper
 252 100
 254 59.6 50.8 76.2
 126 13.7 7.4 11.2#

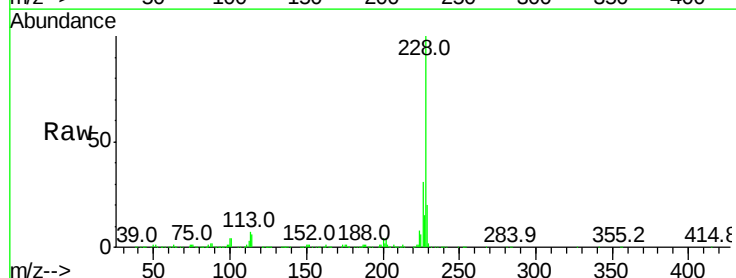


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

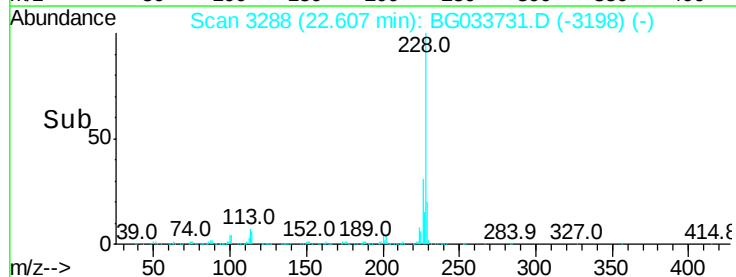
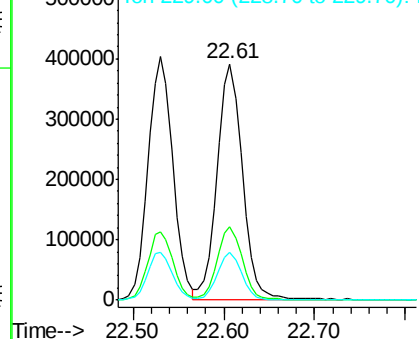


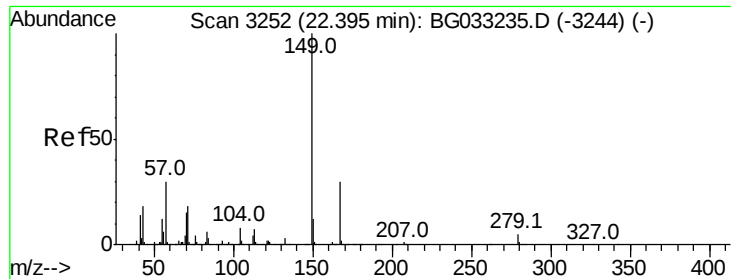
#82
 Chrysene
 Concen: 41.029 ng
 RT: 22.61 min Scan# 3288
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion:228 Resp: 758441
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.9 37.3
 229 20.4 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

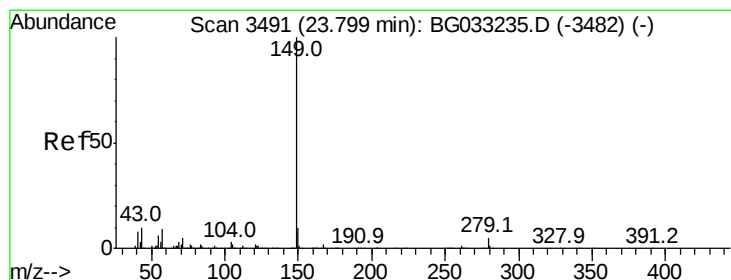
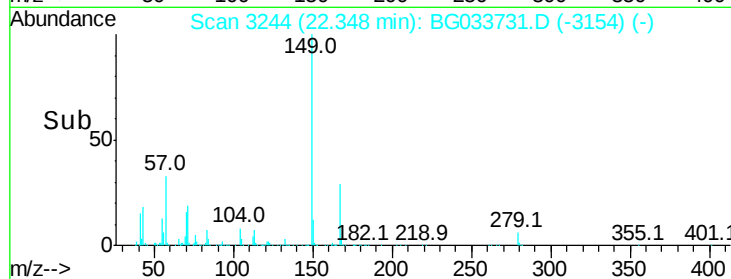
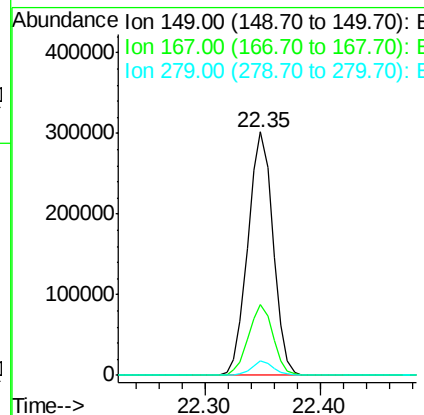
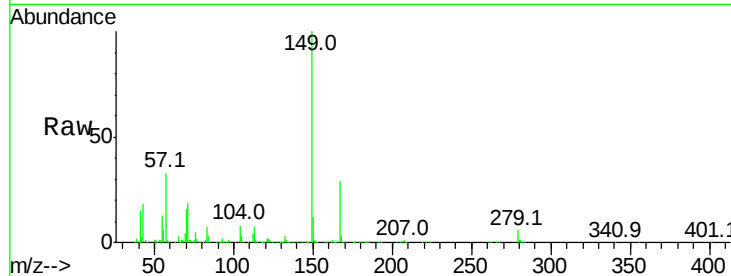




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.086 ng
 RT: 22.35 min Scan# 3244
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

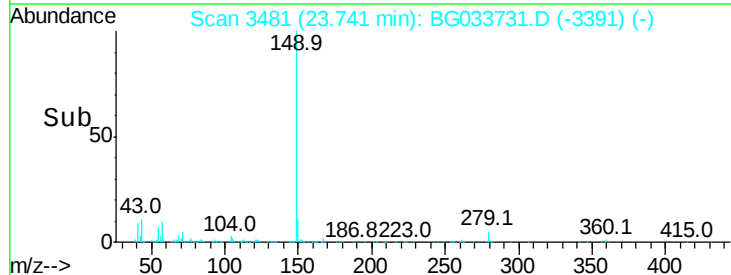
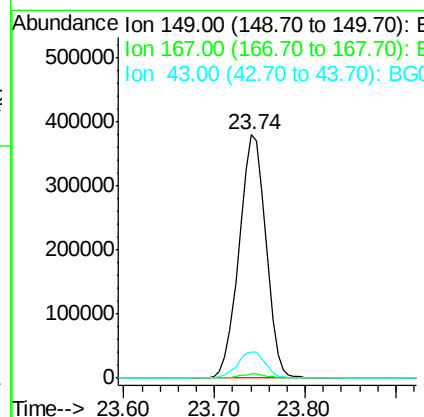
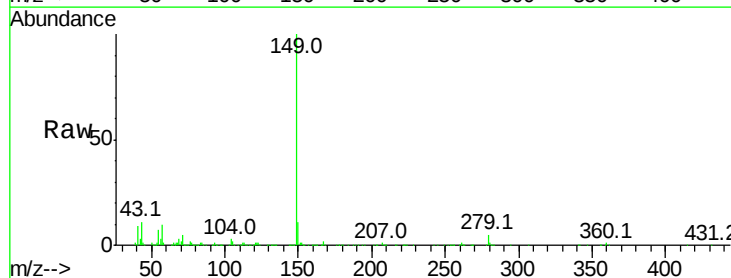
Instrument :
 BNA_G
 ClientSampleId :

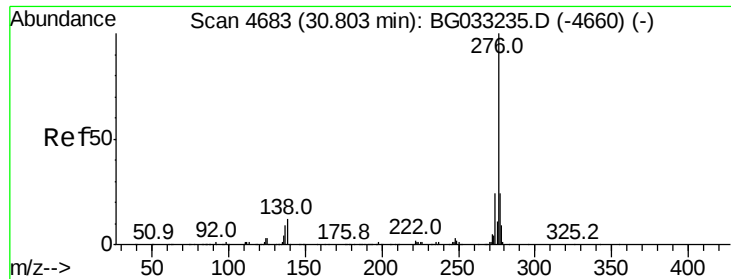
Tot Ion:149 Resp: 458736
 Ion Ratio Lower Upper
 149 100
 167 29.2 24.3 36.5
 279 5.7 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 50.089 ng
 RT: 23.74 min Scan# 3481
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion:149 Resp: 780326
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 11.1 8.9 13.3

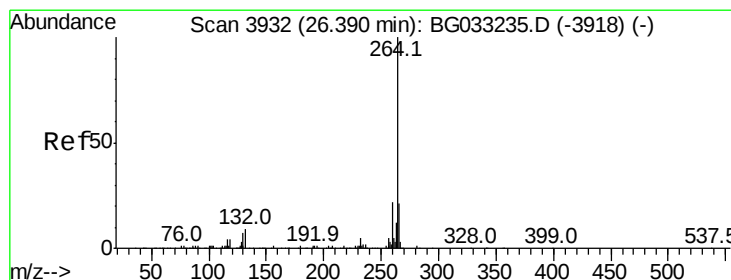
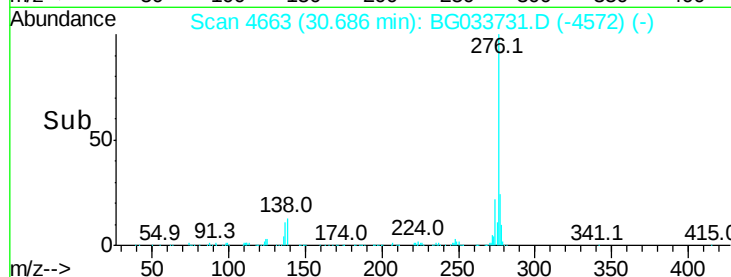
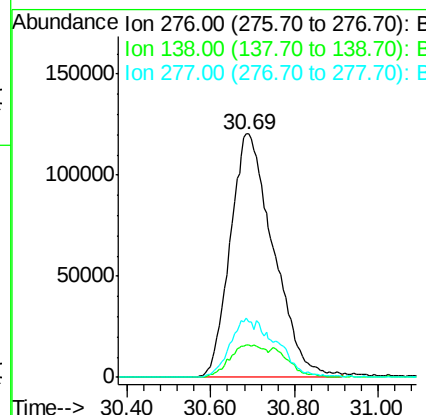
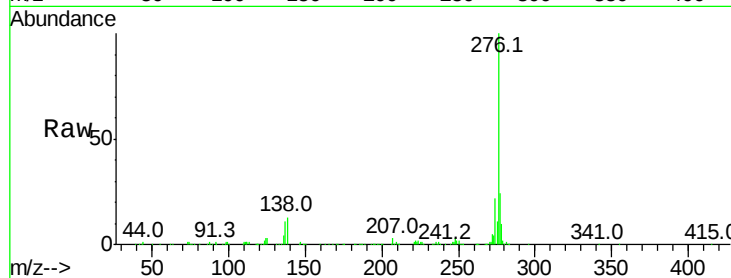




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.478 ng
 RT: 30.69 min Scan# 4663
 Delta R.T. 0.01 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

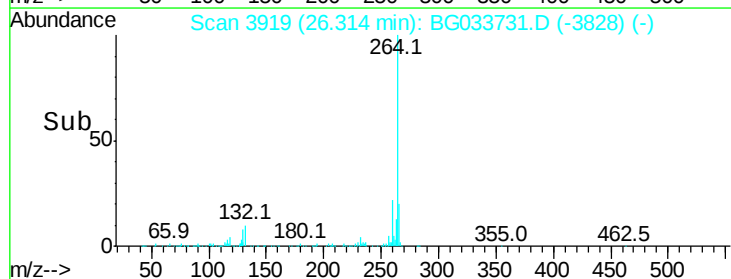
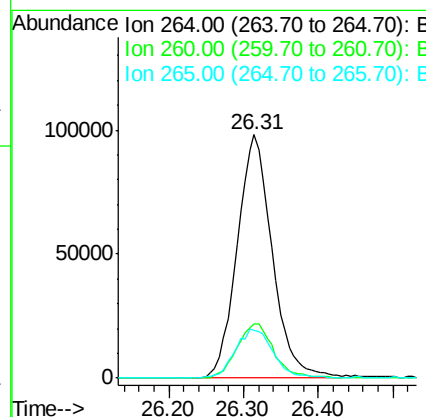
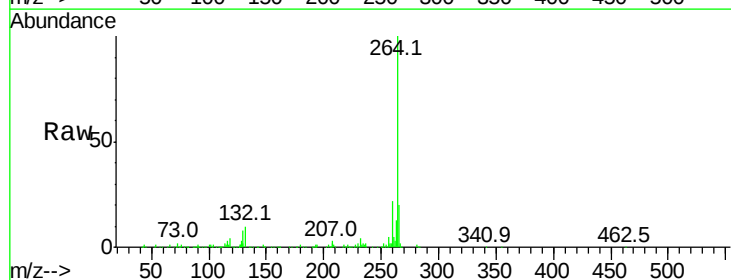
Instrument :
 BNA_G
 ClientSampleId :

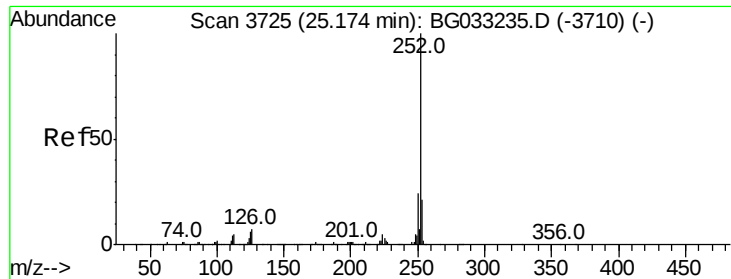
Tot Ion	Ratio	Lower	Upper
276	100		
138	11.0	16.0	24.0#
277	12.9	20.0	30.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3919
 Delta R.T. 0.01 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	19.5	17.7	26.5

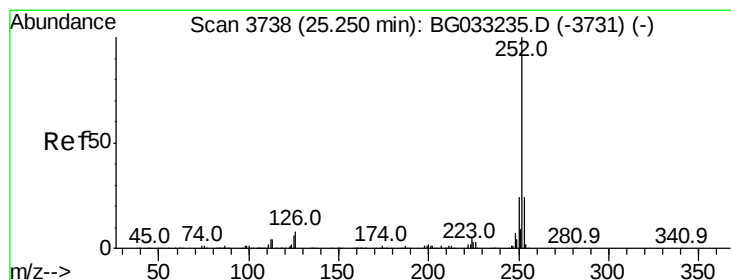
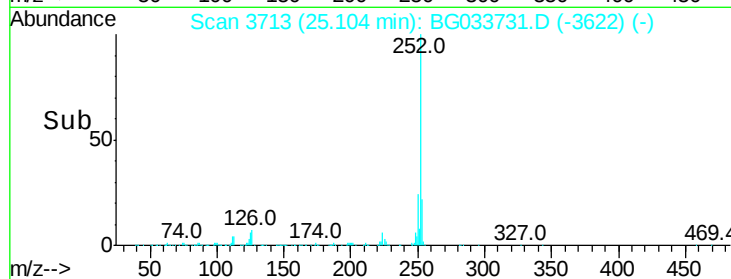
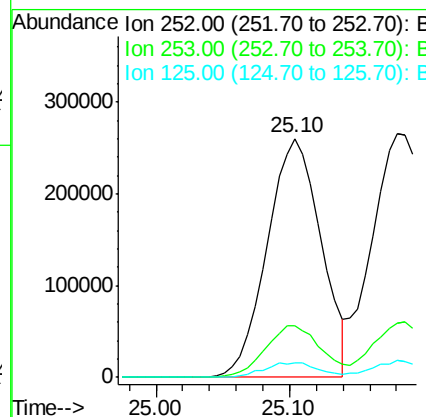
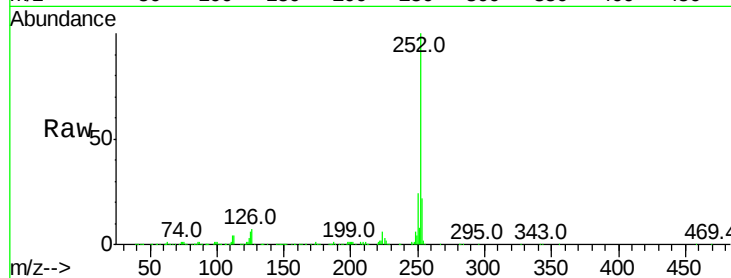




#87
Benzo(b)fluoranthene
Concen: 39.314 ng
RT: 25.10 min Scan# 3713
Delta R.T. 0.01 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

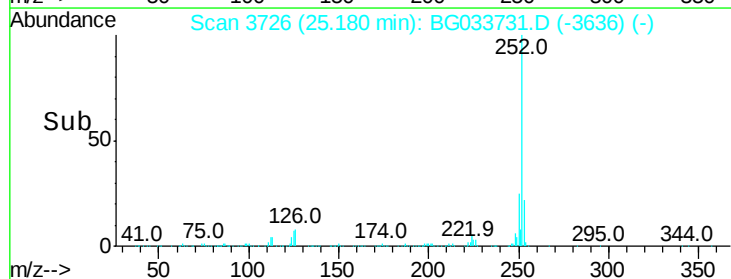
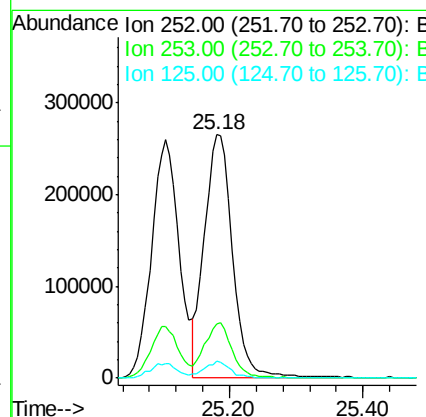
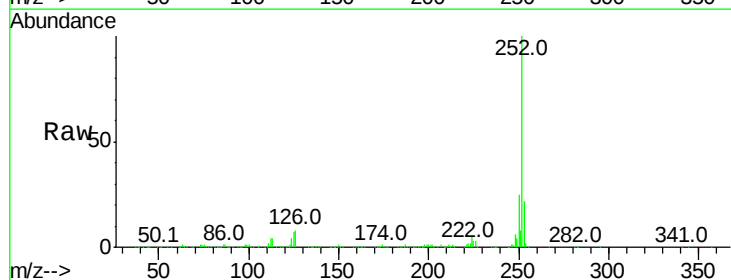
Instrument :
BNA_G
ClientSampleId :

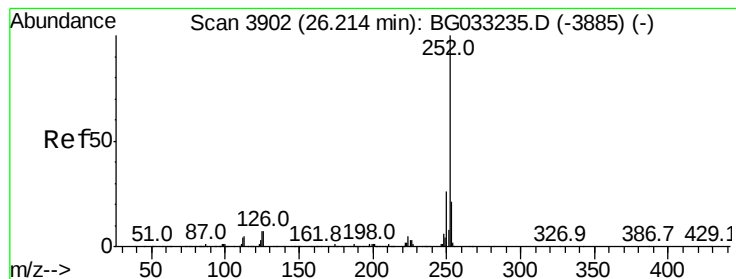
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	5.8	7.2	10.8



#88
Benzo(k)fluoranthene
Concen: 41.015 ng
RT: 25.18 min Scan# 3726
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	6.8	6.6	9.8





#89

Benzo(a)pyrene

Concen: 41.448 ng

RT: 26.14 min Scan# 3889

Delta R.T. 0.01 min

Lab File: BG033731.D

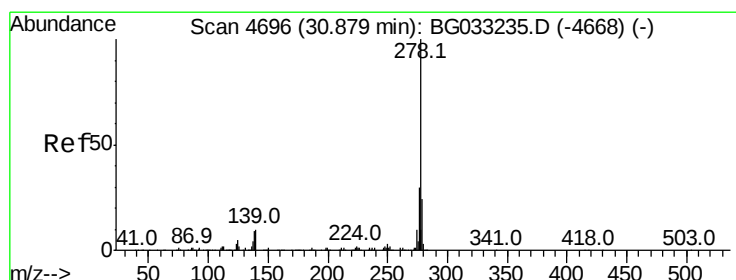
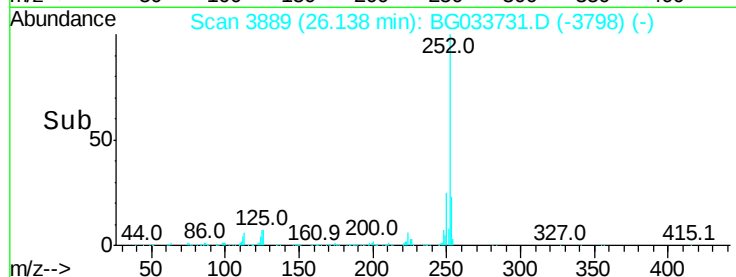
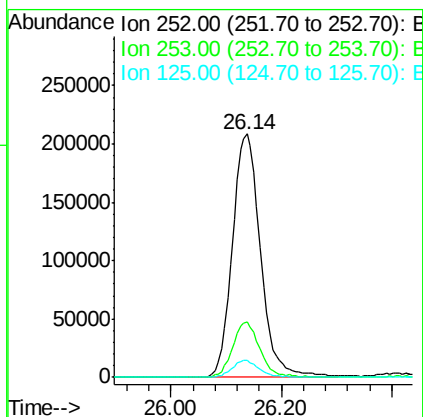
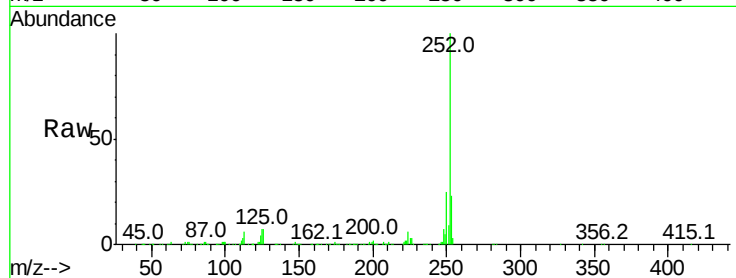
Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

ClientSampled :

Tot Ion:	252	Resp:	736525
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.3	27.5
125	6.8	7.3	10.9#



#90

Dibenzo(a,h)anthracene

Concen: 44.445 ng

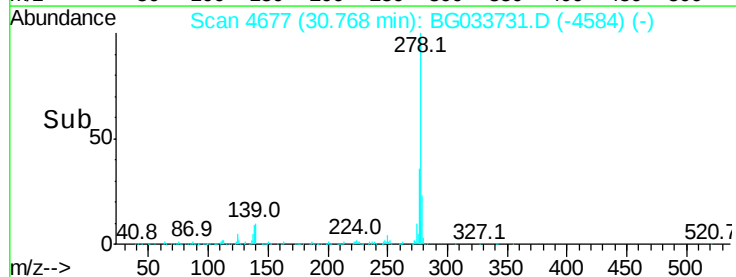
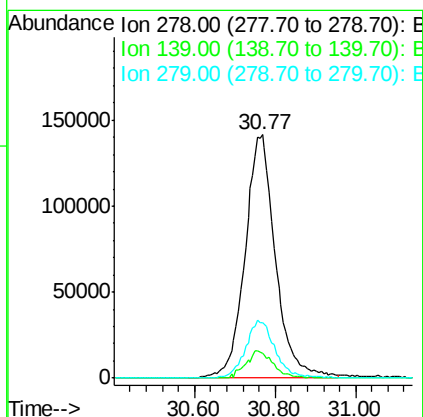
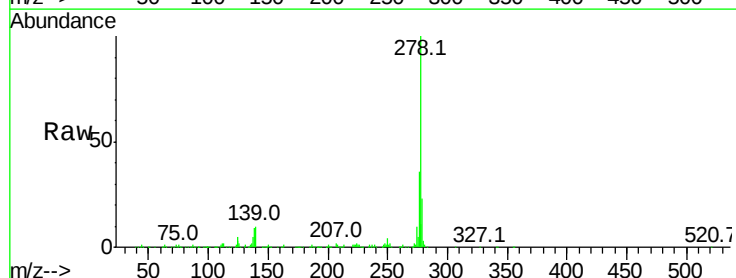
RT: 30.77 min Scan# 4677

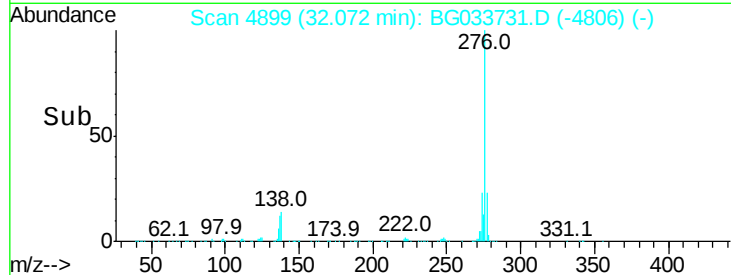
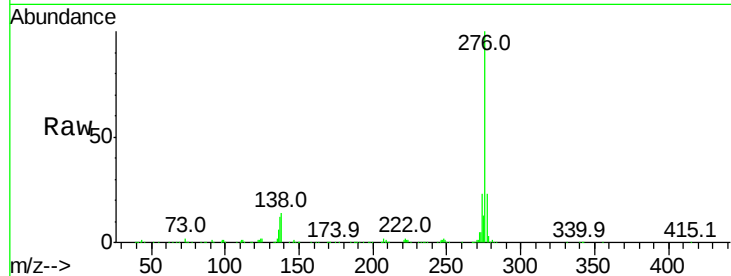
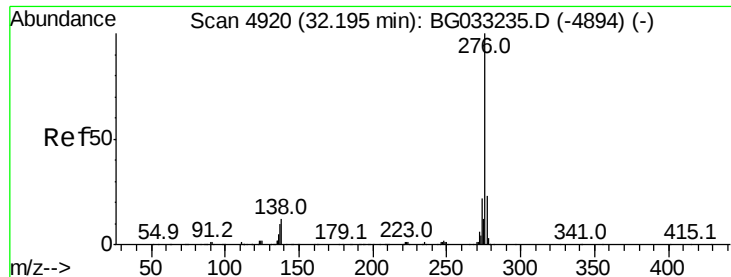
Delta R.T. 0.02 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Tgt Ion:	278	Resp:	743939
Ion Ratio	Lower	Upper	
278	100		
139	10.2	9.8	14.6
279	23.0	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 42.595 ng
 RT: 32.07 min Scan# 4899
 Delta R.T. 0.02 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	276	Resp:	706013
Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.3	27.5
138	14.3	13.9	20.9

