

Data Path : U:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032158.D
 Acq On : 19 Jan 2018 19:06
 Operator : SJ/JU
 Sample : J1010-07MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 19 22:19:58 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	47978	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	199388	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	140140	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	367824	20.00	ng	0.00
75) Chrysene-d12	22.45	240	437963	20.00	ng	0.00
86) Perylene-d12	26.14	264	472593	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.17	112	365712	139.41	ng	0.00
7) Phenol-d6	7.85	99	427794	129.48	ng	0.00
23) Nitrobenzene-d5	9.94	82	300808	102.07	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	347460	149.83	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	1022408	90.46	ng	0.00
78) Terphenyl-d14	20.65	244	1883899	94.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.83	88	27406	27.194	ng	# 74
3) Pyridine	4.29	79	71435	26.555	ng	87
4) n-Nitrosodimethylamine	4.19	42	49973	52.877	ng	# 87
6) Aniline	8.03	93	37040	8.888	ng	93
8) 2-Chlorophenol	8.29	128	133749	45.564	ng	82
9) Benzaldehyde	7.85	77	17217	8.994	ng	93
10) Phenol	7.88	94	132181	40.614	ng	96
11) bis(2-Chloroethyl)ether	8.13	93	107622	41.276	ng	# 81
12) 1,3-Dichlorobenzene	8.63	146	144163	37.524	ng	96
13) 1,4-Dichlorobenzene	8.78	146	150893	39.008	ng	91
14) 1,2-Dichlorobenzene	9.11	146	144191	38.539	ng	96
15) Benzyl Alcohol	8.97	79	118113	49.211	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.27	45	110747	41.794	ng	76
17) 2-Methylphenol	9.17	107	106074	42.648	ng	96
18) Hexachloroethane	9.87	117	48244	40.581	ng	# 78
19) n-Nitroso-di-n-propylamine	9.56	70	89190	43.509	ng	# 91
20) 3+4-Methylphenols	9.52	107	142049	41.226	ng	95
22) Acetophenone	9.59	105	201149	44.413	ng	# 91
24) Nitrobenzene	9.99	77	134375	45.710	ng	91
25) Isophorone	10.51	82	253588	46.210	ng	# 85
26) 2-Nitrophenol	10.71	139	81204	46.618	ng	# 85
27) 2,4-Dimethylphenol	10.74	122	135803	49.129	ng	96
28) bis(2-Chloroethoxy)methane	10.99	93	153511	46.429	ng	# 96
29) 2,4-Dichlorophenol	11.25	162	167828	49.343	ng	91
30) 1,2,4-Trichlorobenzene	11.48	180	187014	42.575	ng	99
31) Naphthalene	11.68	128	427616	43.293	ng	99
32) Benzoic acid	10.85	122	50315	25.462	ng	# 82
33) 4-Chloroaniline	11.77	127	23985	5.663	ng	91
34) Hexachlorobutadiene	11.94	225	136736	43.340	ng	100
35) Caprolactam	12.52	113	38185	37.006	ng	# 48
36) 4-Chloro-3-methylphenol	12.85	107	155657	49.998	ng	89
37) 2-Methylnaphthalene	13.24	142	344994	43.995	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	268207	43.906	ng	96
40) Hexachlorocyclopentadiene	13.57	237	330477	96.051	ng	92

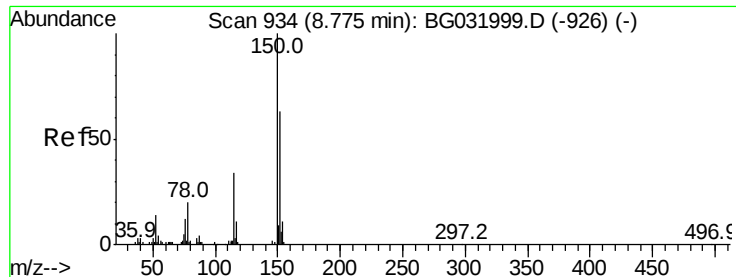
Data Path : U:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032158.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	162974	47.482	nq	98
43) 2,4,5-Trichlorophenol	13.89	196	175462	44.164	nq #	92
45) 1,1'-Biphenyl	14.22	154	500183	41.634	nq	96
46) 2-Chloronaphthalene	14.27	162	384523	41.143	nq	96
47) 2-Nitroaniline	14.46	65	90358	50.502	nq #	73
48) Acenaphthylene	15.11	152	569494	40.015	nq	98
49) Dimethylphthalate	14.81	163	526375	42.922	nq #	99
50) 2,6-Dinitrotoluene	14.94	165	119016	46.756	nq #	74
51) Acenaphthene	15.44	154	417801	44.396	nq	98
52) 3-Nitroaniline	15.27	138	34132	14.846	nq #	73
53) 2,4-Dinitrophenol	15.47	184	90850	71.920	nq #	72
54) Dibenzofuran	15.77	168	611319	43.545	nq	98
55) 4-Nitrophenol	15.56	139	162779	97.155	nq #	80
56) 2,4-Dinitrotoluene	15.71	165	172879	50.446	nq #	67
57) Fluorene	16.42	166	496190	43.095	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.98	232	192985	52.509	nq #	84
59) Diethylphthalate	16.15	149	518422	43.606	nq	97
60) 4-Chlorophenyl-phenylether	16.40	204	318207	45.053	nq	92
61) 4-Nitroaniline	16.42	138	82499	37.408	nq	91
62) Azobenzene	16.69	77	337741	45.388	nq	88
64) 4,6-Dinitro-2-methylphenol	16.47	198	82422	36.331	nq #	69
65) n-Nitrosodiphenylamine	16.61	169	466471	41.793	nq	100
66) 4-Bromophenyl-phenylether	17.29	248	236343	45.160	nq	95
67) Hexachlorobenzene	17.42	284	236430	40.834	nq #	91
68) Atrazine	17.53	200	222331	47.366	nq	97
69) Pentachlorophenol	17.75	266	279213	75.445	nq	99
70) Phenanthrene	18.16	178	874255	42.690	nq	99
71) Anthracene	18.25	178	897226	43.927	nq	99
72) Carbazole	18.50	167	777509	43.880	nq	99
73) Di-n-butylphthalate	19.02	149	891945	42.601	nq	99
74) Fluoranthene	20.12	202	1160234	45.250	nq	95
76) Benzidine	20.28	184	104643	9.555	nq	99
77) Pyrene	20.48	202	1172798	42.598	nq	98
79) Butylbenzylphthalate	21.34	149	404937	41.050	nq #	76
80) Benzo(a)anthracene	22.43	228	1207405	44.329	nq	99
81) 3,3'-Dichlorobenzidine	22.32	252	123057	12.094	nq #	97
82) Chrysene	22.50	228	1127929	43.120	nq	98
83) Bis(2-ethylhexyl)phthalate	22.27	149	562227	38.867	nq #	96
84) Di-n-octyl phthalate	23.65	149	962173	41.881	nq #	88
85) Indeno(1,2,3-cd)pyrene	30.44	276	1498624	46.815	nq #	85
87) Benzo(b)fluoranthene	24.97	252	1284162	44.955	nq #	95
88) Benzo(k)fluoranthene	25.04	252	1216046	43.565	nq #	97
89) Benzo(a)pyrene	25.98	252	1235276	45.713	nq #	96
90) Dibenzo(a,h)anthracene	30.52	278	1244099	47.777	nq #	94
91) Benzo(g,h,i)perylene	31.80	276	1249663	46.954	nq #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.74 min Scan# 928

Delta R.T. -0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

Instrument :

BNA_G

ClientSampled :

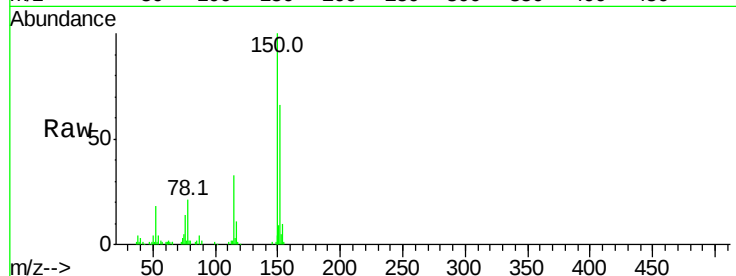
Tot Ion:152 Resp: 47978

Ion Ratio Lower Upper

152 100

150 151.7 126.6 189.8

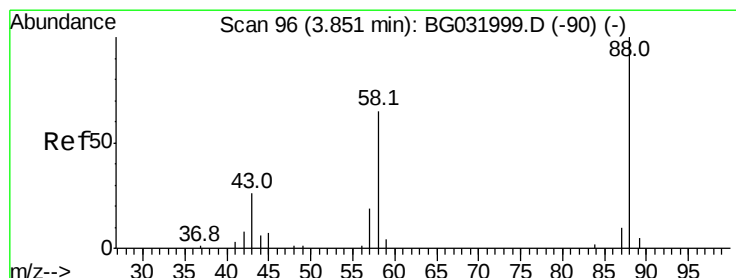
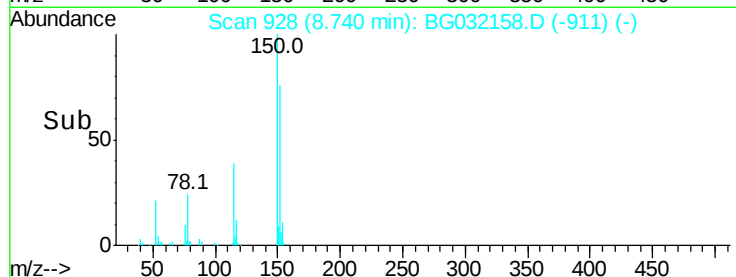
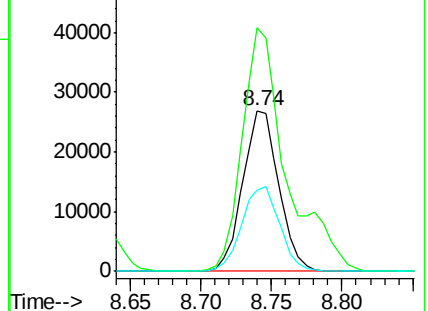
115 50.7 53.0 79.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.194 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

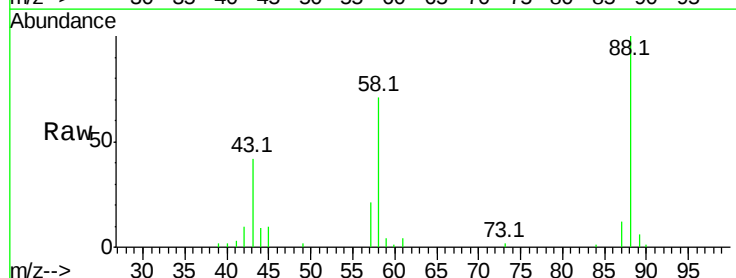
Tgt Ion: 88 Resp: 27406

Ion Ratio Lower Upper

88 100

58 68.9 79.6 119.4#

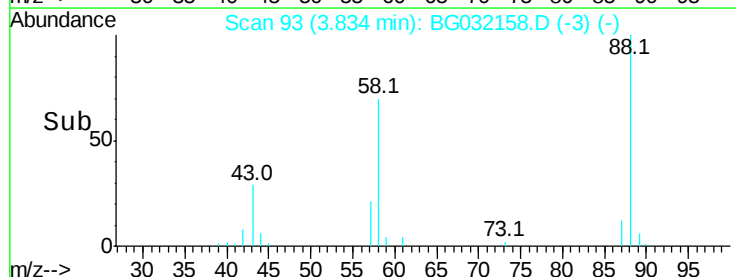
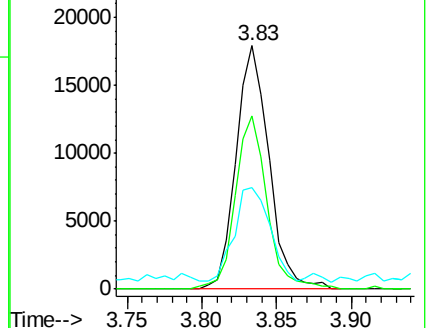
43 40.9 27.4 41.0

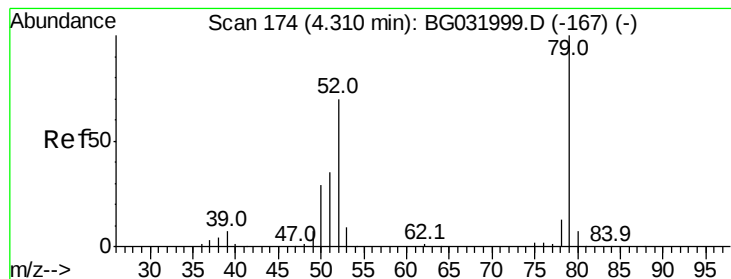


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.555 ng

RT: 4.29 min Scan# 170

Delta R.T. -0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

Instrument :

BNA_G

ClientSampled :

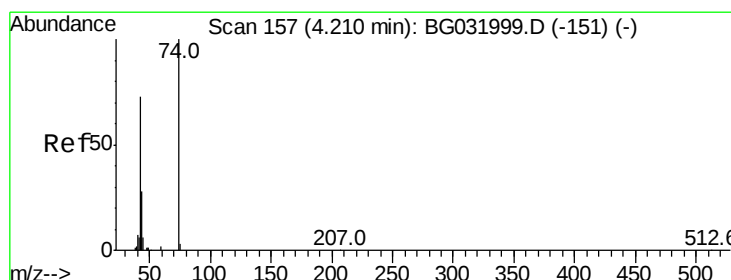
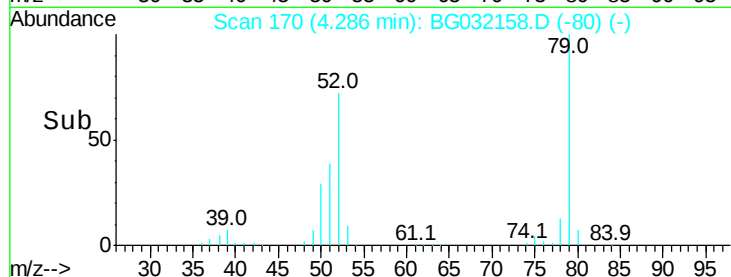
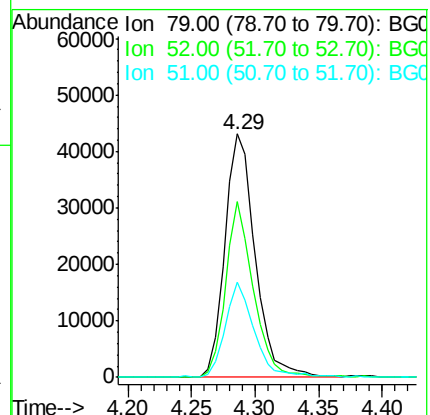
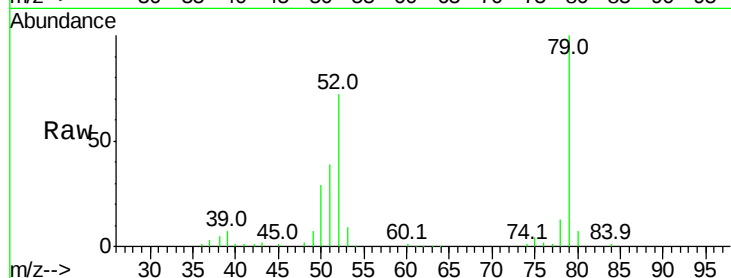
Tot Ion: 79 Resp: 71435

Ion Ratio Lower Upper

79 100

52 72.3 69.9 104.9

51 38.9 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 52.877 ng

RT: 4.19 min Scan# 153

Delta R.T. -0.01 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

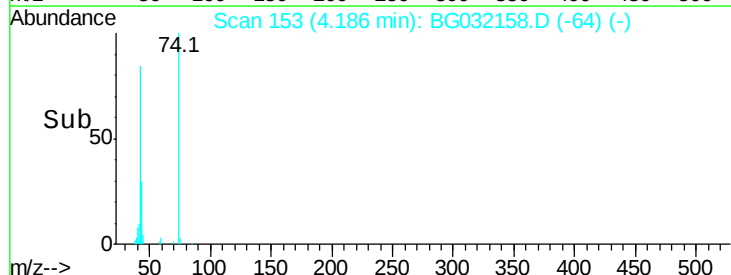
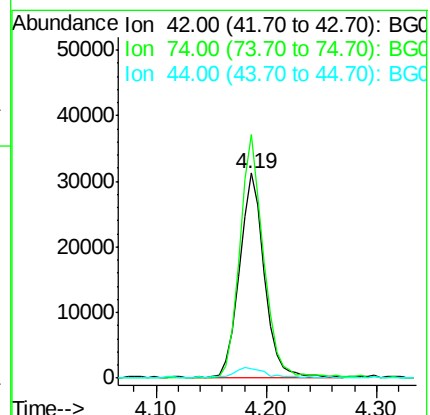
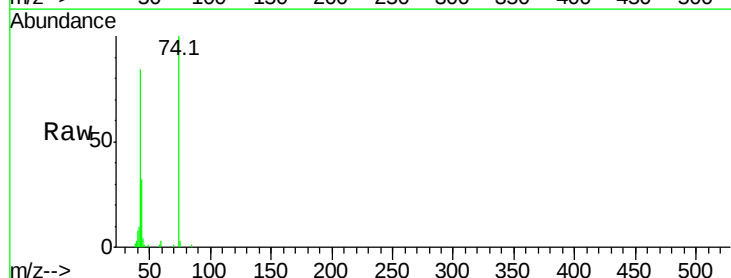
Tgt Ion: 42 Resp: 49973

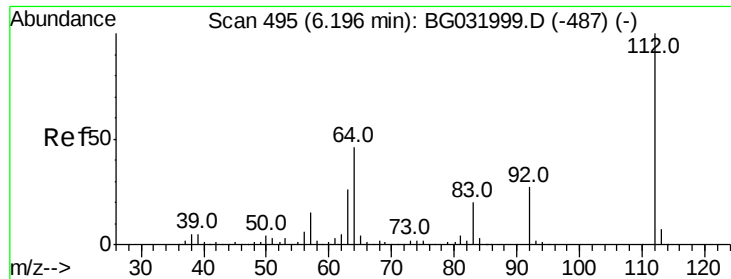
Ion Ratio Lower Upper

42 100

74 118.7 102.5 153.7

44 4.5 18.9 28.3#





#5

2-Fluorophenol

Concen: 139.410 ng

RT: 6.17 min Scan# 491

Delta R.T. 0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

Instrument :

BNA_G

ClientSampleId :

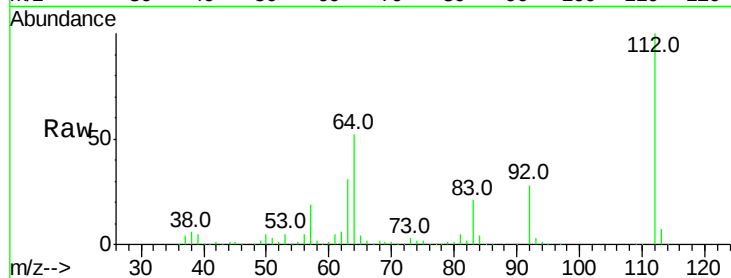
Tot Ion:112 Resp: 365712

Ion Ratio Lower Upper

112 100

64 52.5 56.3 84.5#

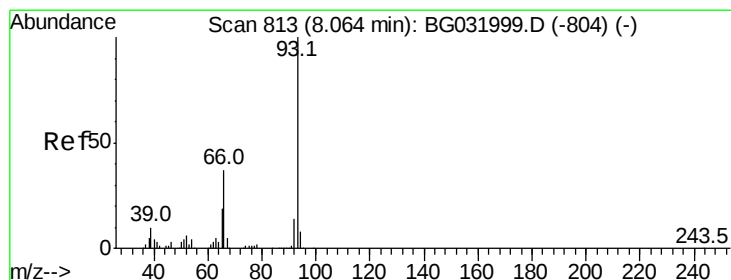
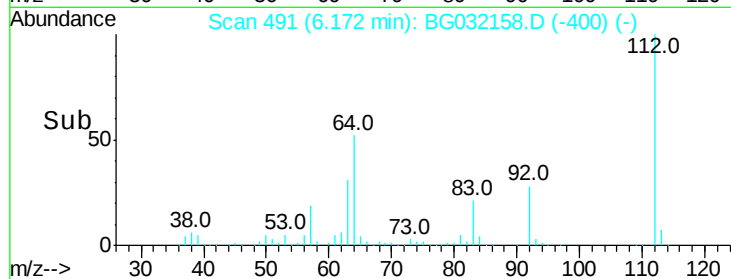
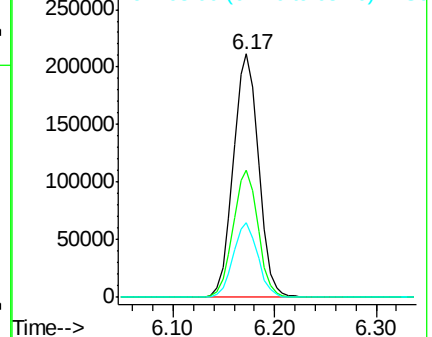
63 30.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 8.888 ng

RT: 8.03 min Scan# 808

Delta R.T. -0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

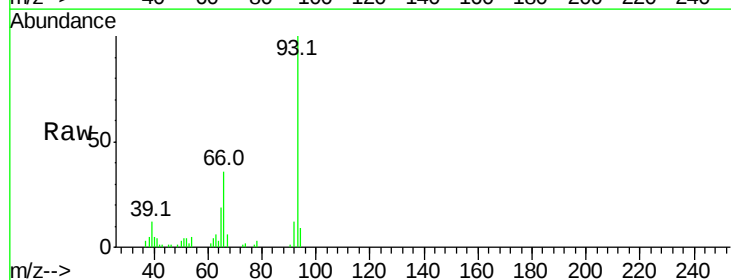
Tgt Ion: 93 Resp: 37040

Ion Ratio Lower Upper

93 100

66 36.3 33.7 50.5

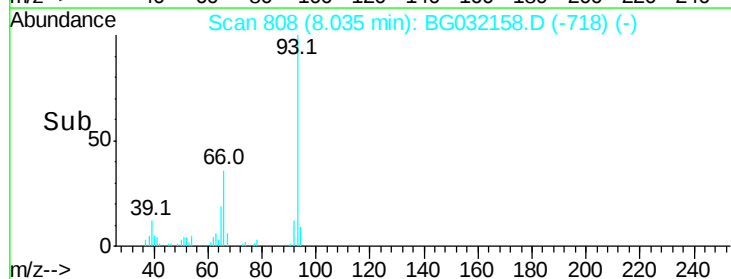
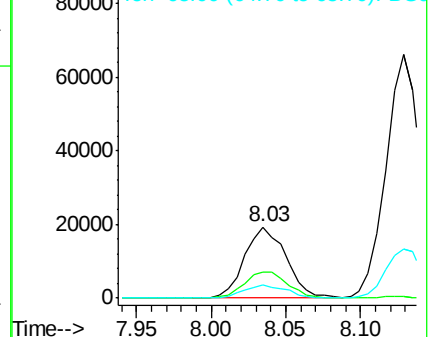
65 19.2 16.1 24.1

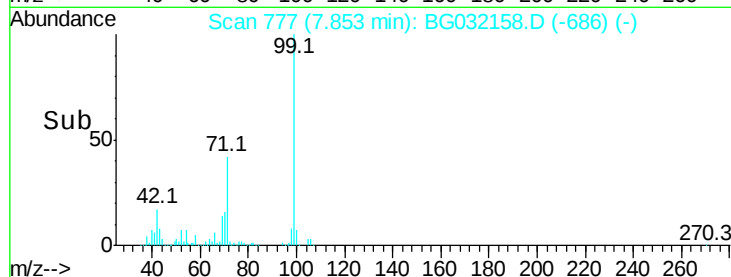
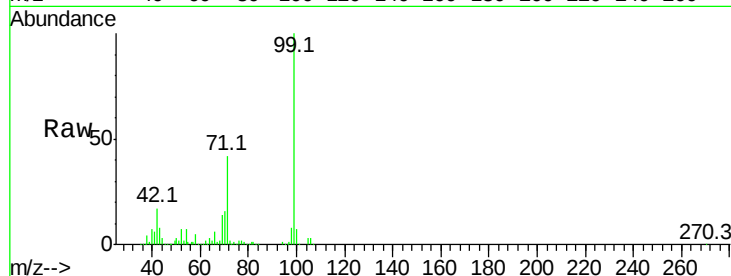
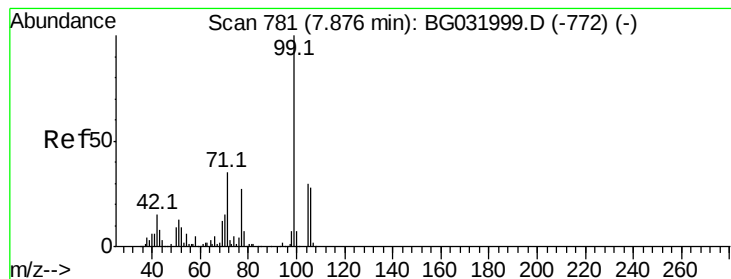


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.483 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

Instrument :

BNA_G

ClientSampleId :

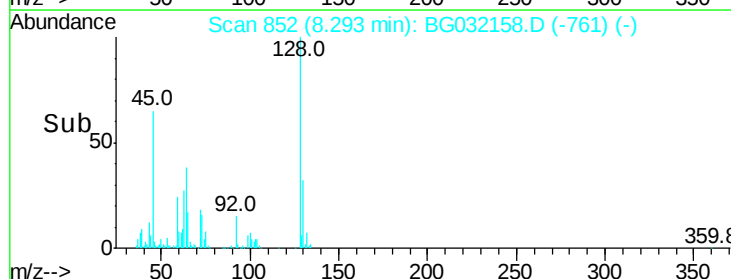
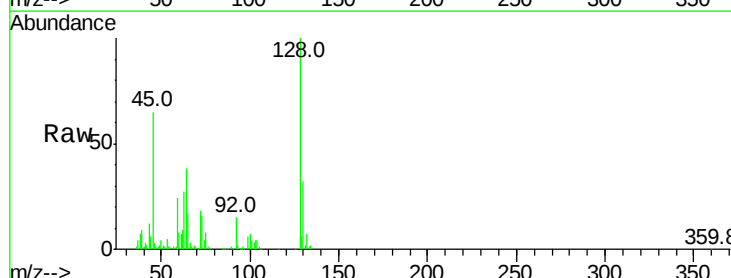
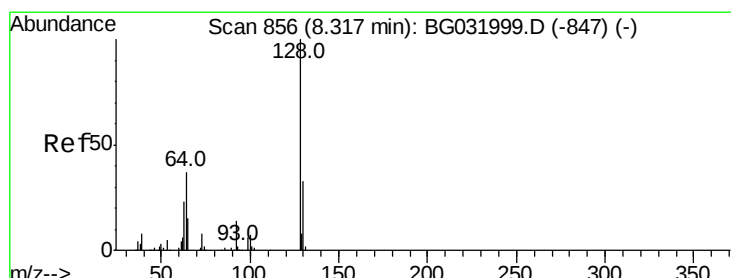
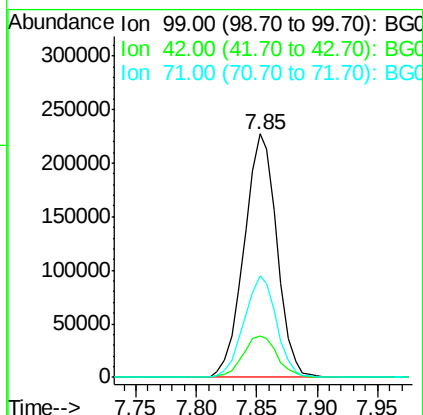
Tot Ion: 99 Resp: 427794

Ion Ratio Lower Upper

99 100

42 17.1 14.1 21.1

71 41.5 26.1 39.1#



#8

2-Chlorophenol

Concen: 45.564 ng

RT: 8.29 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

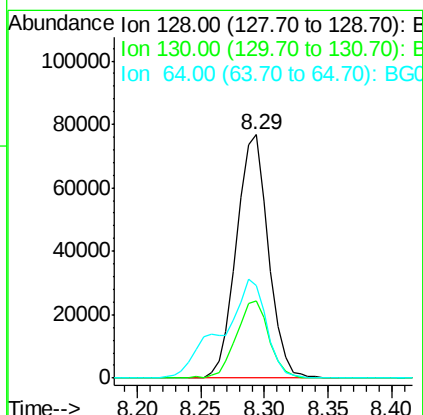
Tgt Ion:128 Resp: 133749

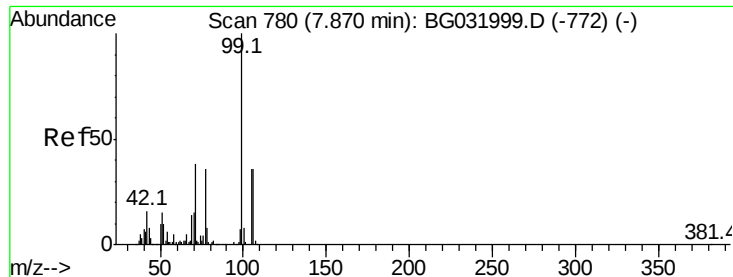
Ion Ratio Lower Upper

128 100

130 31.7 14.0 54.0

64 37.8 37.7 77.7

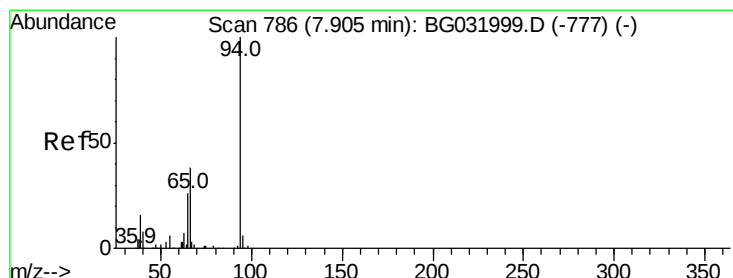
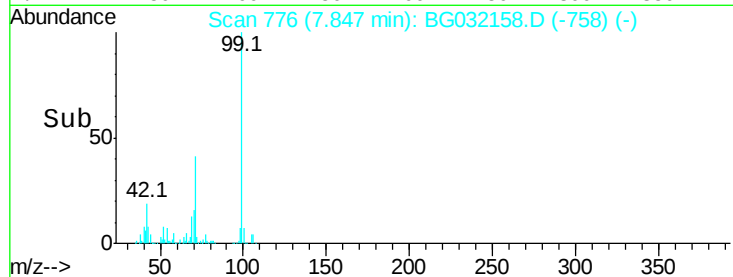
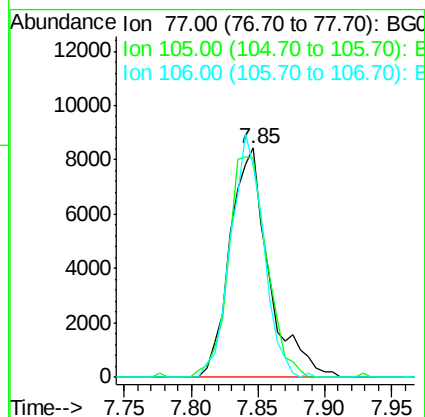
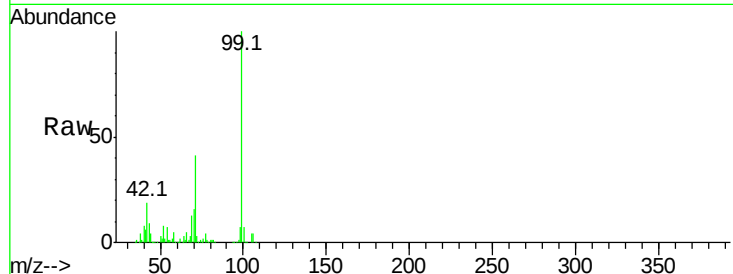




#9
Benzaldehyde
Concen: 8.994 ng
RT: 7.85 min Scan# 776
Delta R.T. 0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

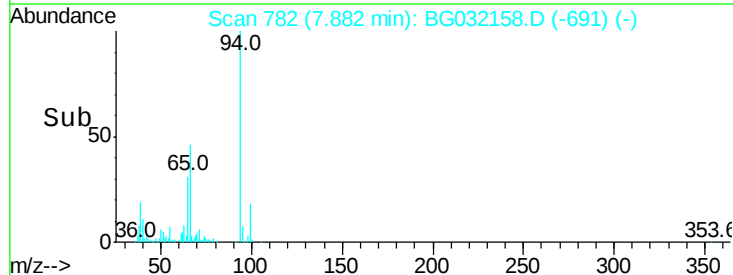
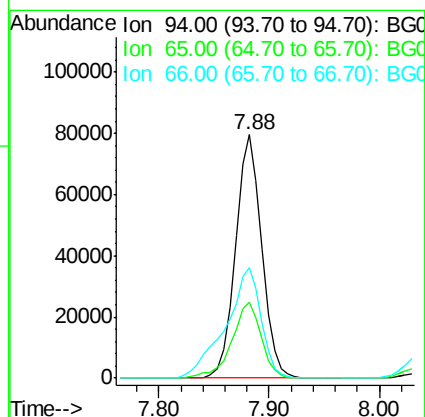
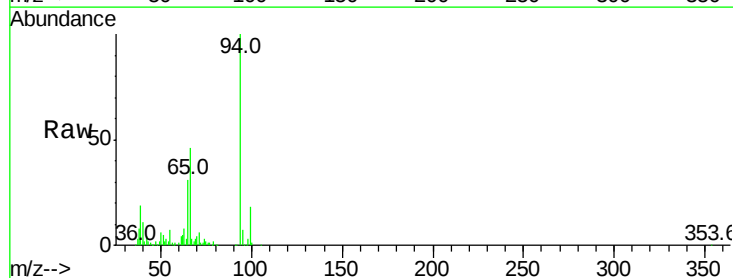
Instrument :
BNA_G
ClientSampleId :

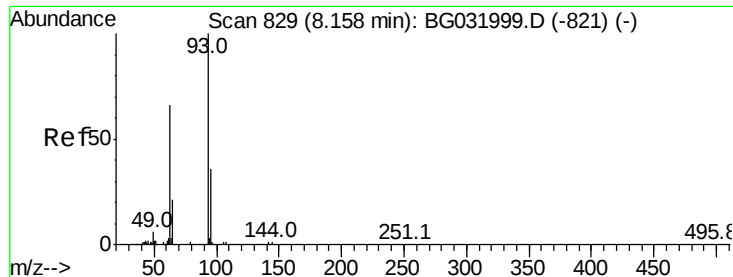
Tot Ion: 77 Resp: 17217
Ion Ratio Lower Upper
77 100
105 95.9 71.3 111.3
106 92.3 64.2 104.2



#10
Phenol
Concen: 40.614 ng
RT: 7.88 min Scan# 782
Delta R.T. 0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

Tgt Ion: 94 Resp: 132181
Ion Ratio Lower Upper
94 100
65 31.0 11.9 51.9
66 45.5 22.2 62.2

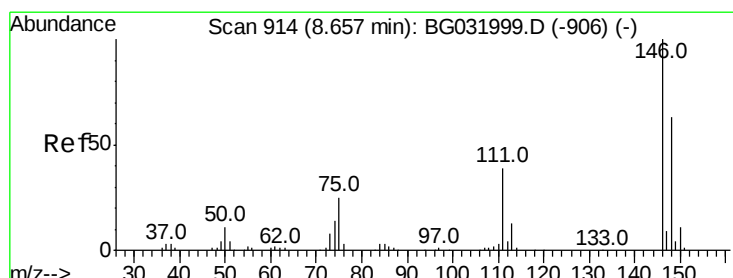
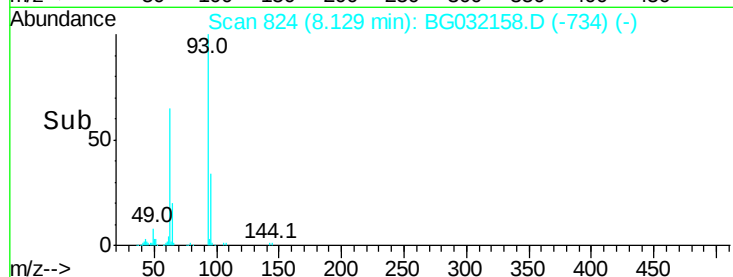
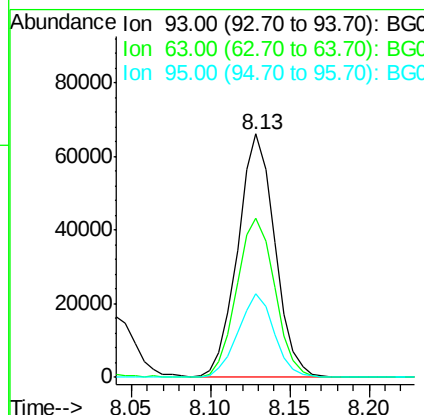
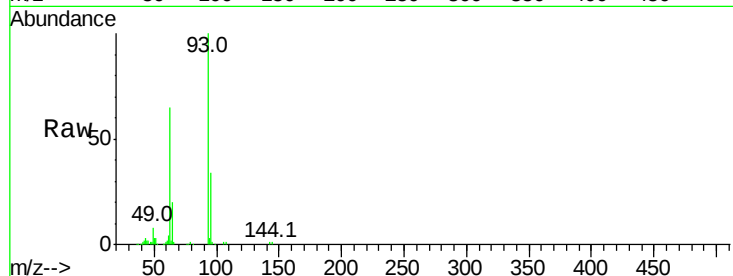




#11
bis(2-Chloroethyl)ether
Concen: 41.276 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

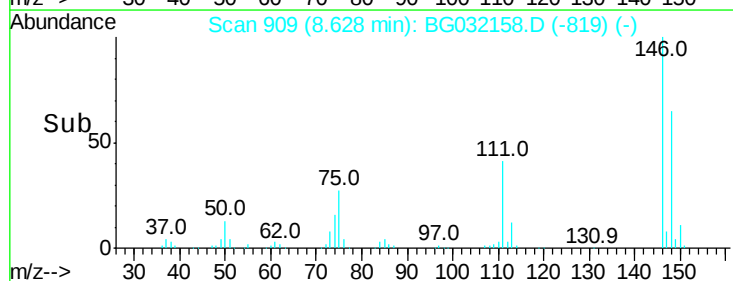
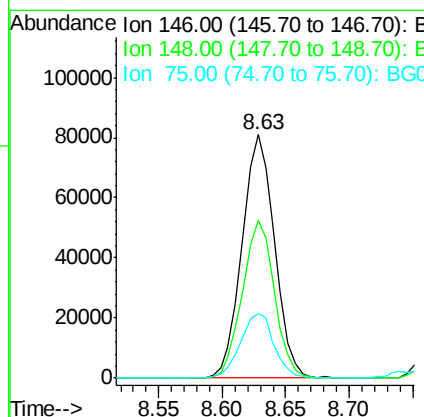
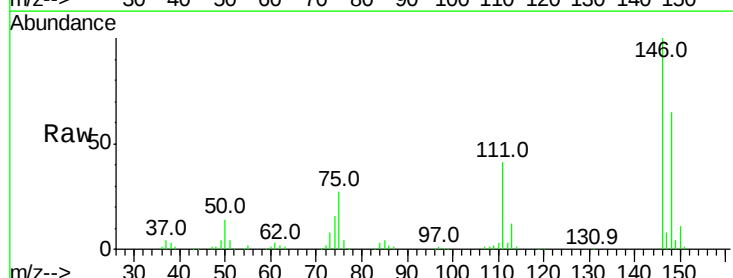
Instrument :
BNA_G
ClientSampleId :

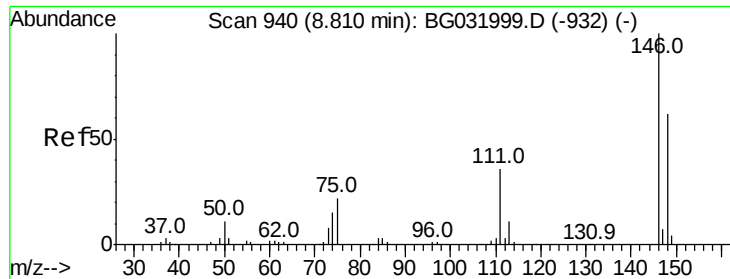
Tot Ion: 93 Resp: 107622
Ion Ratio Lower Upper
93 100
63 65.2 67.1 107.1#
95 34.5 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 37.524 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

Tgt Ion: 146 Resp: 144163
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
75 26.6 26.6 39.8

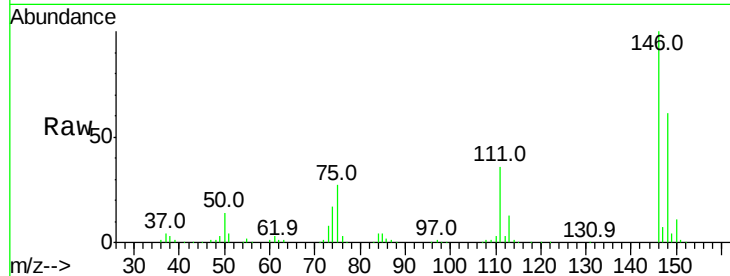




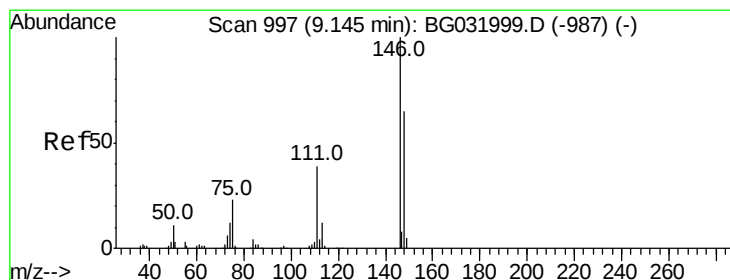
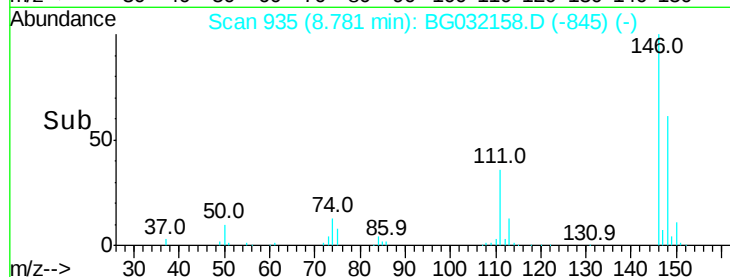
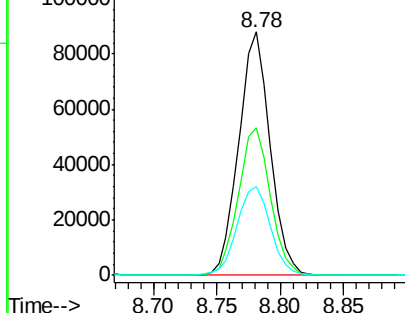
#13
 1,4-Dichlorobenzene
 Concen: 39.008 ng
 RT: 8.78 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 150893
 Ion Ratio Lower Upper
 146 100
 148 60.9 53.7 80.5
 111 36.5 35.2 52.8

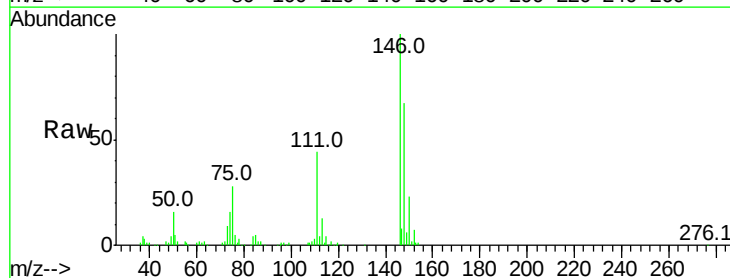


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

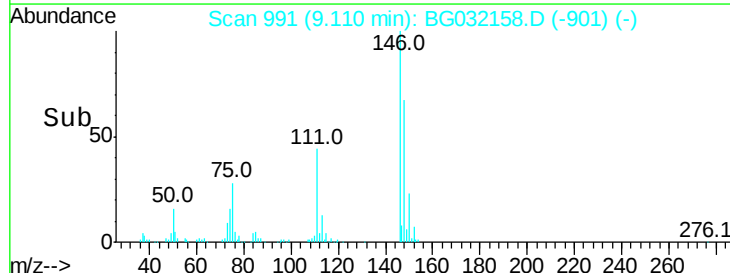
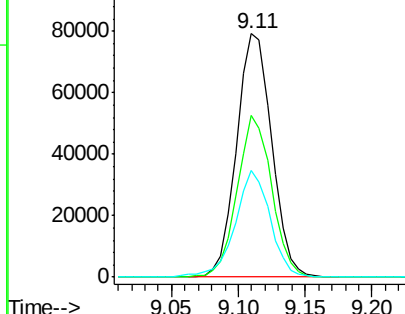


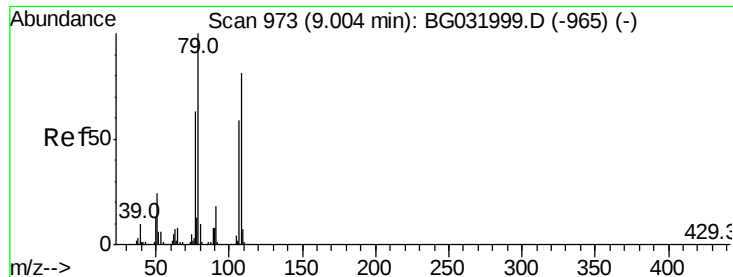
#14
 1,2-Dichlorobenzene
 Concen: 38.539 ng
 RT: 9.11 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

Tgt Ion:146 Resp: 144191
 Ion Ratio Lower Upper
 146 100
 148 66.6 49.3 73.9
 111 43.6 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: 49.211 ng

RT: 8.97 min Scan# 968

Delta R.T. -0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

Instrument :

BNA_G

ClientSampleId :

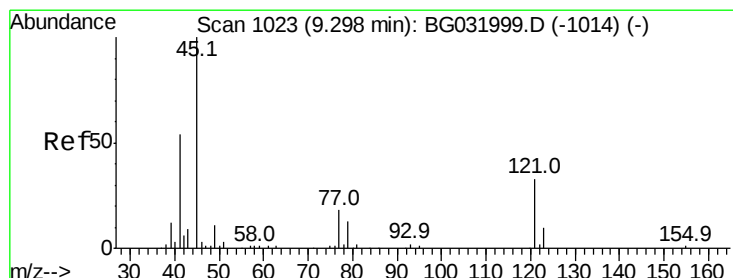
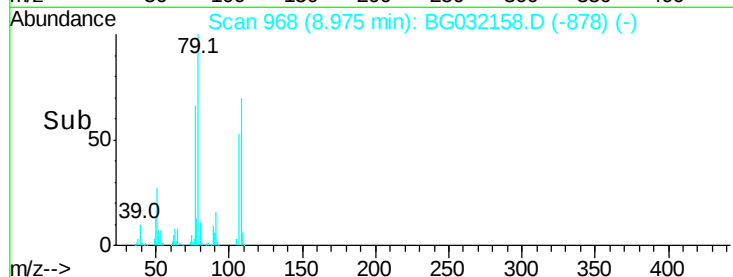
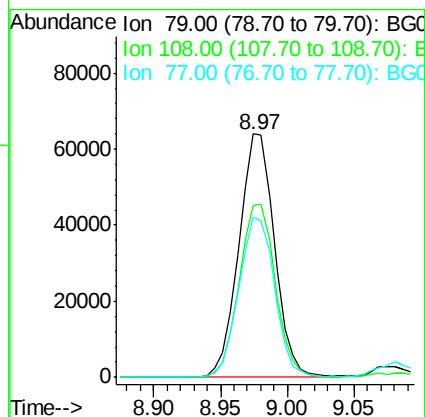
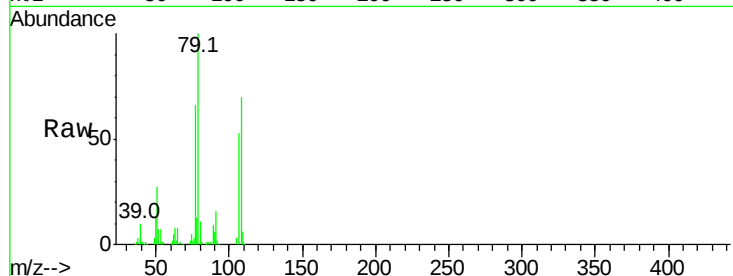
Tot Ion: 79 Resp: 118113

Ion Ratio Lower Upper

79 100

108 70.4 57.2 85.8

77 66.0 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.794 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

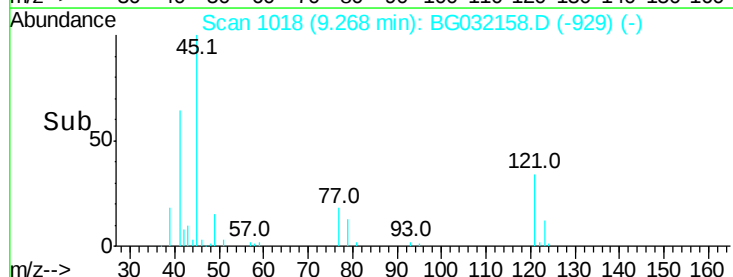
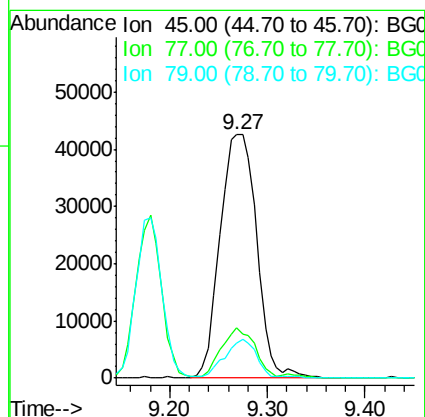
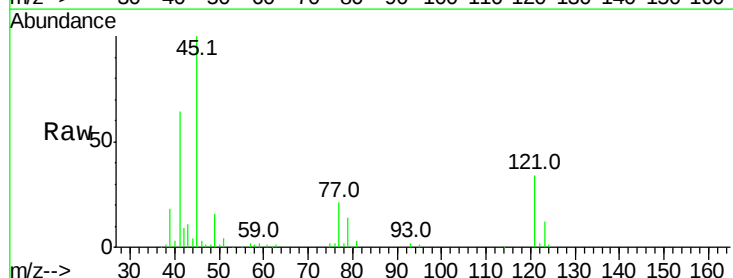
Tgt Ion: 45 Resp: 110747

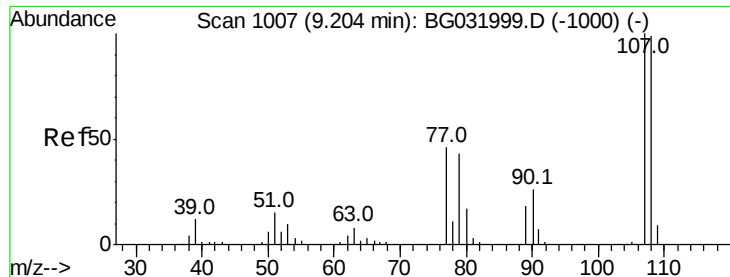
Ion Ratio Lower Upper

45 100

77 20.7 0.0 30.2

79 14.3 0.0 27.9





#17

2-Methylphenol

Concen: 42.648 ng

RT: 9.17 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 106074

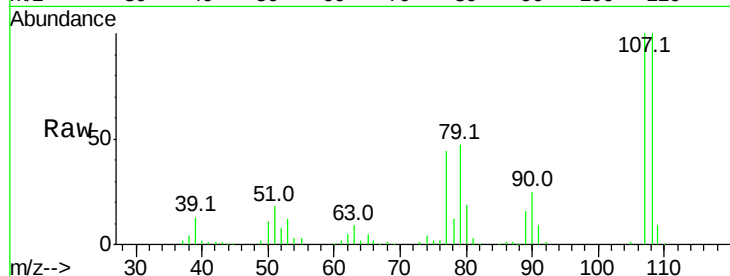
Ion Ratio Lower Upper

107 100

108 100.1 83.9 125.9

77 44.0 37.2 55.8

79 46.8 36.2 54.2

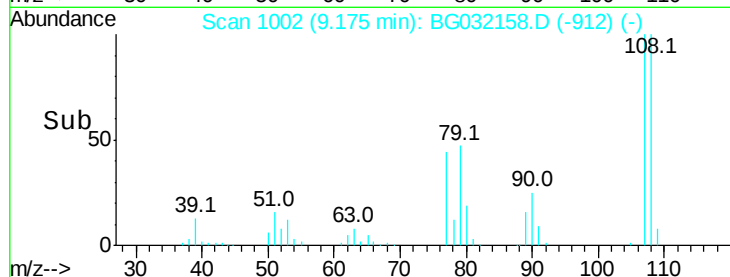


Abundance Ion 107.00 (106.70 to 107.70): E

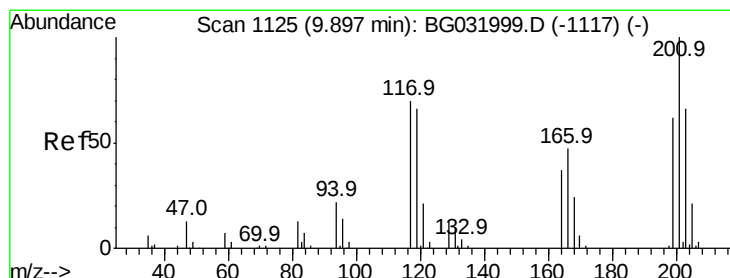
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 40.581 ng

RT: 9.87 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

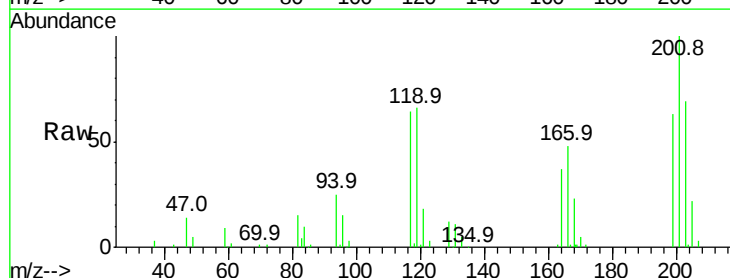
Tgt Ion:117 Resp: 48244

Ion Ratio Lower Upper

117 100

119 102.9 76.7 115.1

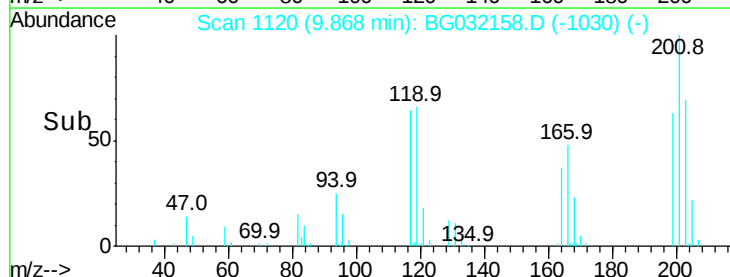
201 156.3 95.7 143.5#



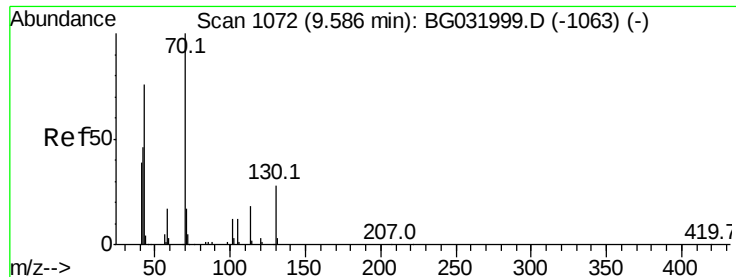
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 43.509 ng

RT: 9.56 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 89190

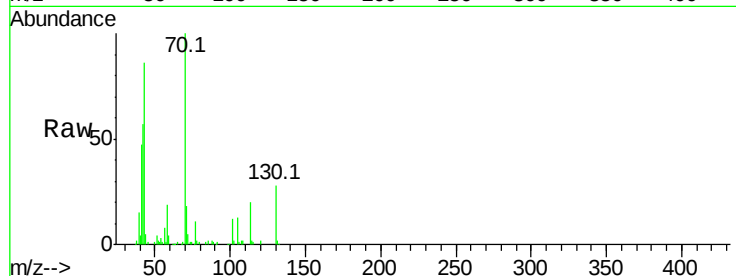
Ion Ratio Lower Upper

70 100

42 56.7 49.1 73.7

101 11.8 8.5 12.7

130 27.6 13.4 20.0#



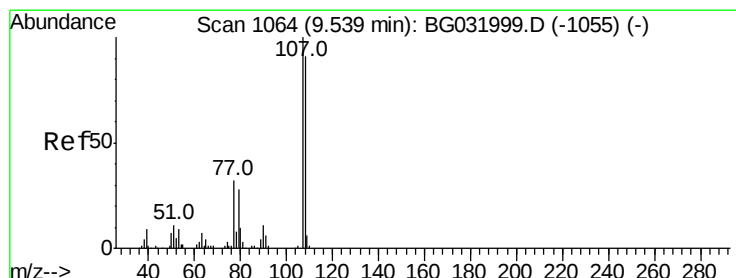
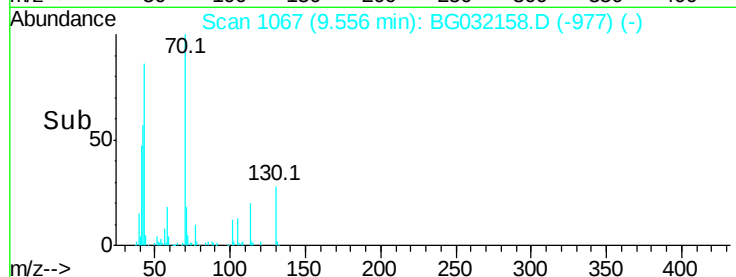
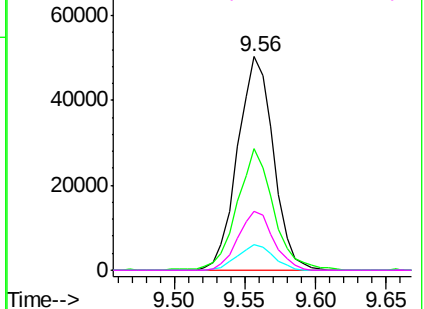
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 41.226 ng

RT: 9.52 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

Tgt Ion: 107 Resp: 142049

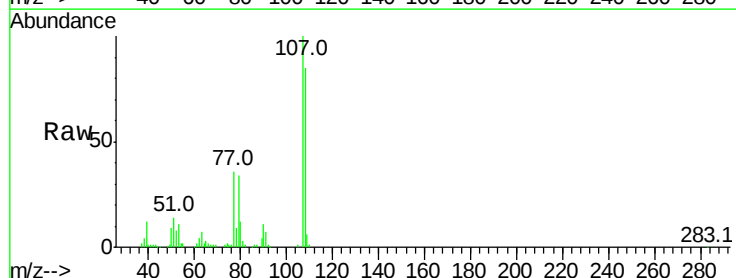
Ion Ratio Lower Upper

107 100

108 85.4 61.6 101.6

77 36.4 13.9 53.9

79 34.0 8.8 48.8



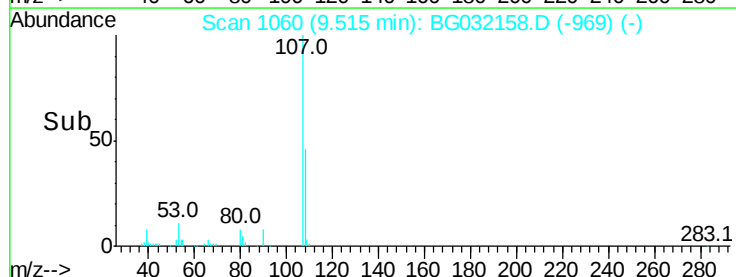
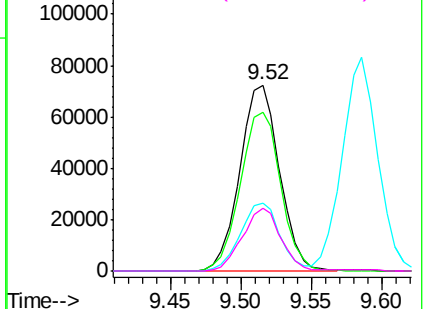
Abundance

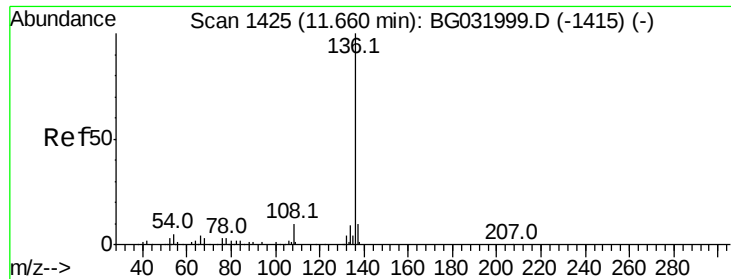
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

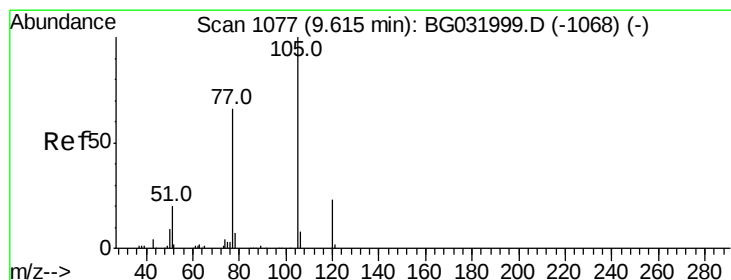
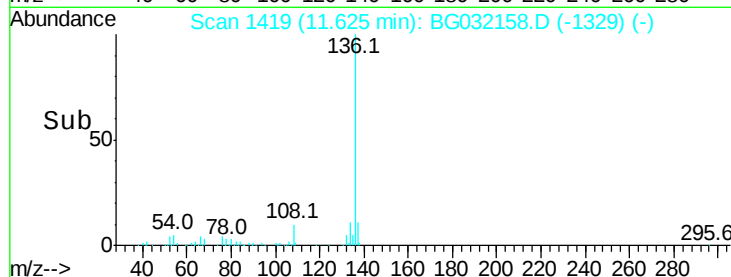
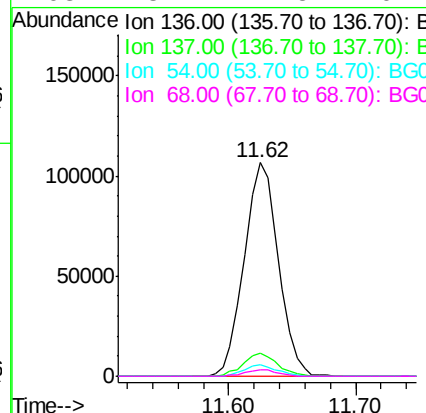
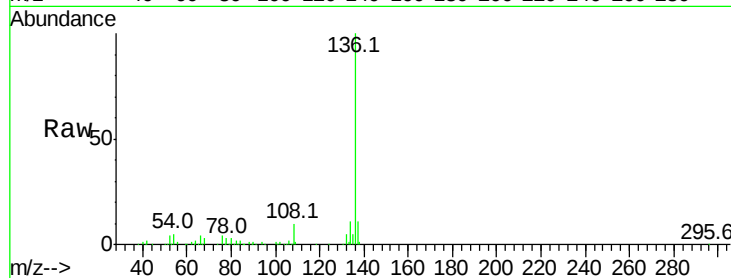




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

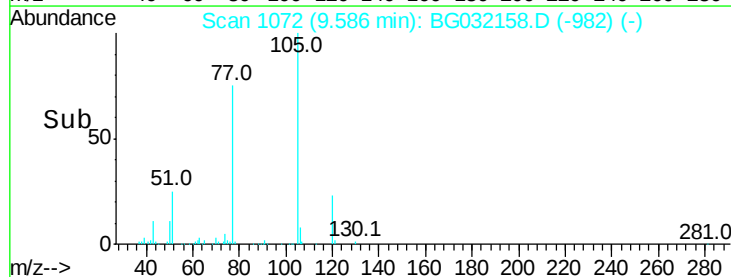
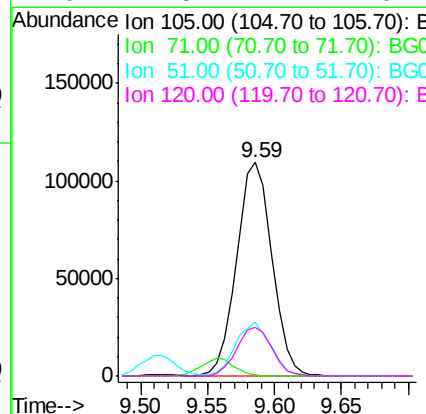
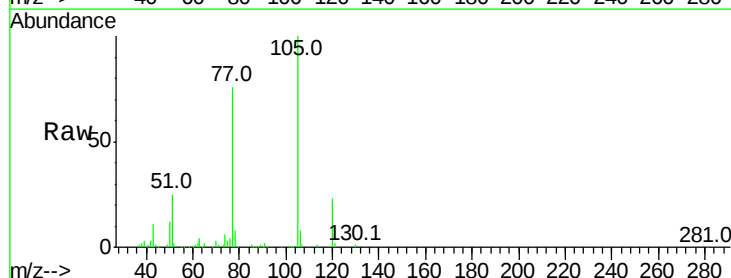
Instrument :
BNA_G
ClientSampleId :

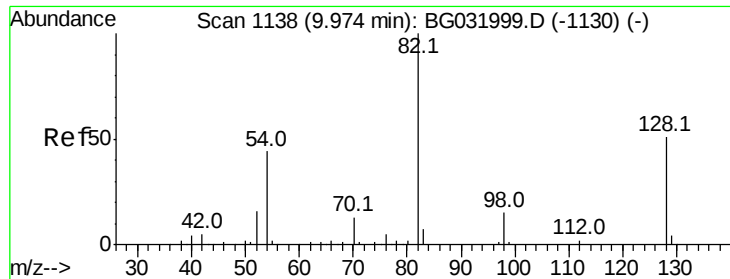
Tot Ion:	136	Resp:	199388
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	5.5	10.3	15.5#
68	3.2	4.5	6.7#



#22
Acetophenone
Concen: 44.413 ng
RT: 9.59 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

Tgt Ion:	105	Resp:	201149
Ion	Ratio	Lower	Upper
105	100		
71	0.6	3.0	4.4#
51	25.1	26.1	39.1#
120	22.5	17.4	26.2

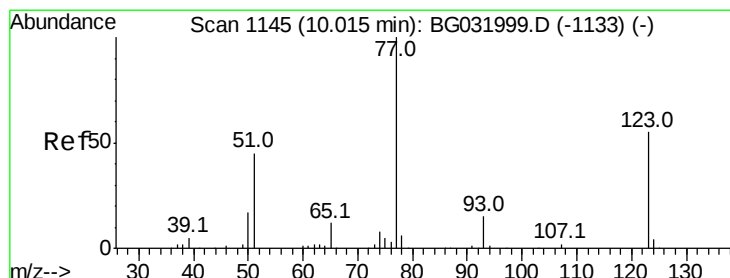
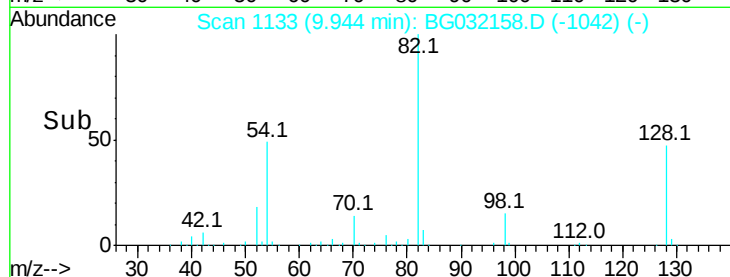
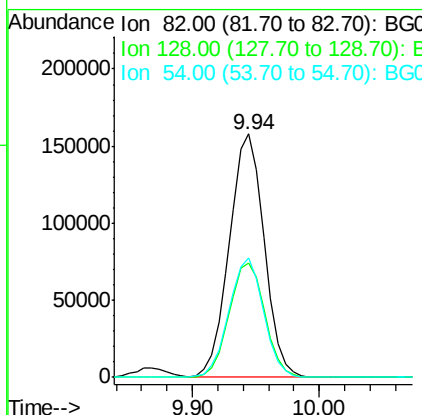
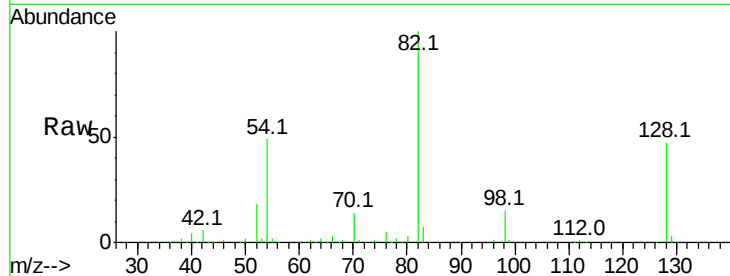




#23
 Nitrobenzene-d5
 Concen: 102.067 ng
 RT: 9.94 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

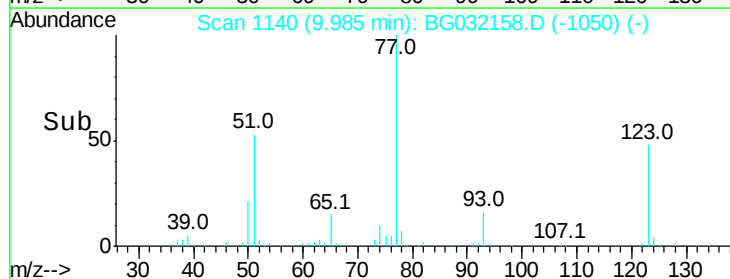
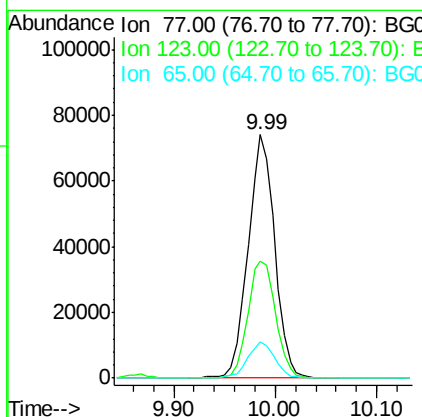
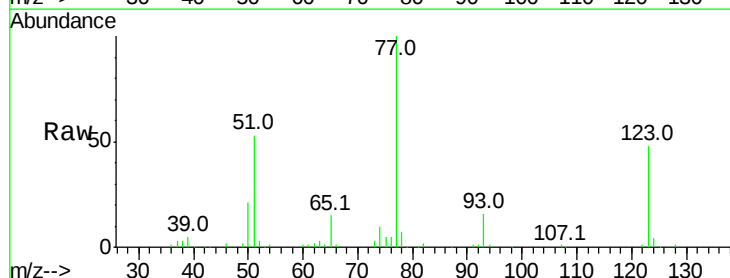
Instrument :
 BNA_G
 ClientSampled :

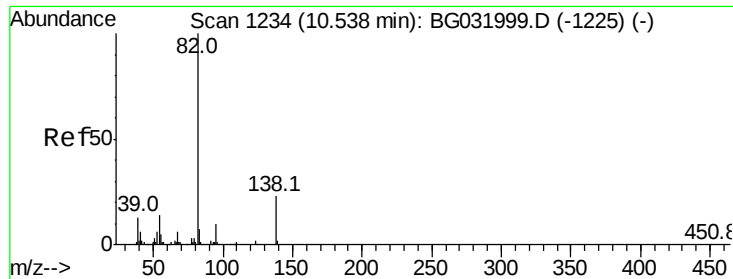
Tot Ion: 82 Resp: 300808
 Ion Ratio Lower Upper
 82 100
 128 46.9 29.7 44.5#
 54 48.9 43.1 64.7



#24
 Nitrobenzene
 Concen: 45.710 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

Tgt Ion: 77 Resp: 134375
 Ion Ratio Lower Upper
 77 100
 123 48.3 33.0 49.6
 65 14.8 13.0 19.6





#25

Isophorone

Concen: 46.210 ng

RT: 10.51 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

Instrument :

BNA_G

ClientSampleId :

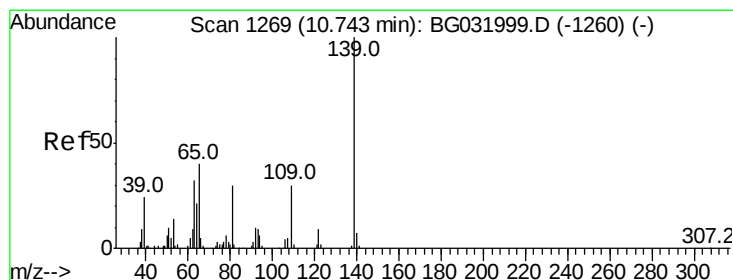
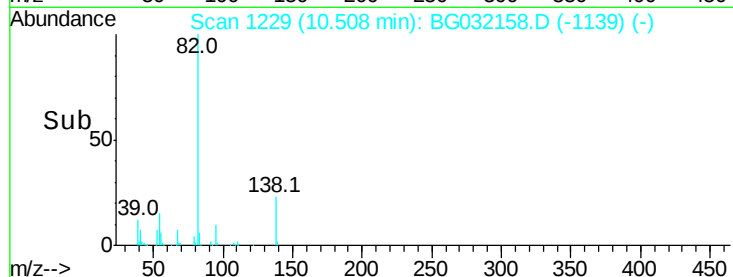
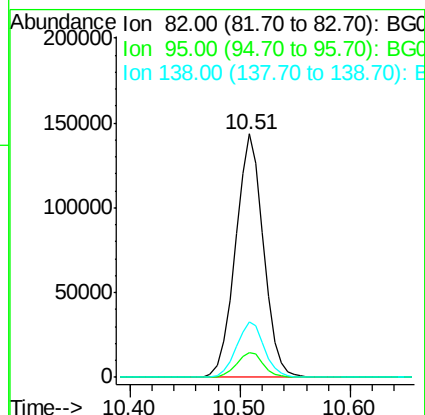
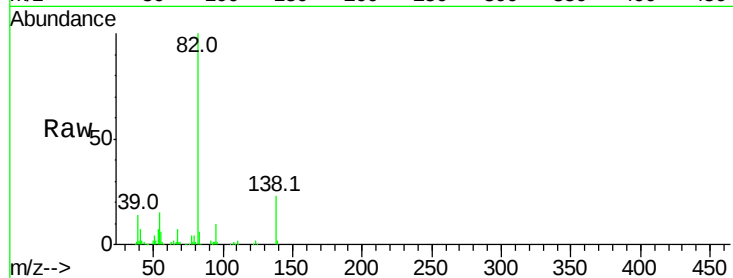
Tot Ion: 82 Resp: 253588

Ion Ratio Lower Upper

82 100

95 10.2 6.2 9.2#

138 22.7 12.1 18.1#



#26

2-Nitrophenol

Concen: 46.618 ng

RT: 10.71 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

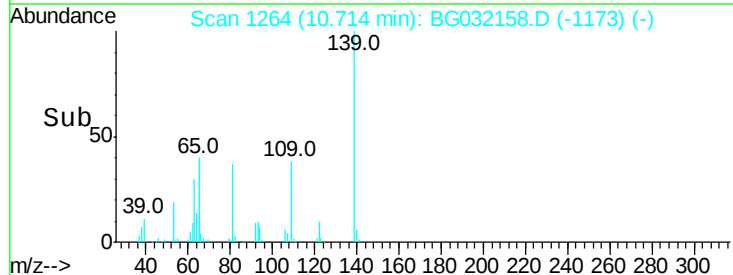
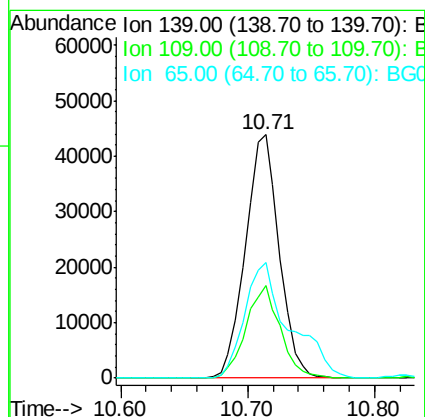
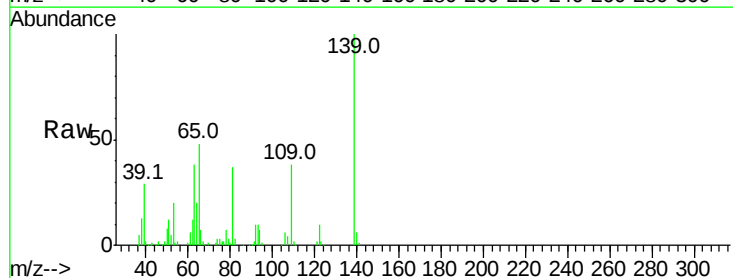
Tgt Ion: 139 Resp: 81204

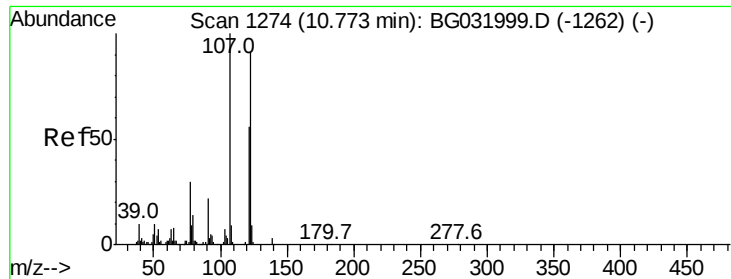
Ion Ratio Lower Upper

139 100

109 37.8 24.2 36.2#

65 47.6 47.4 71.0

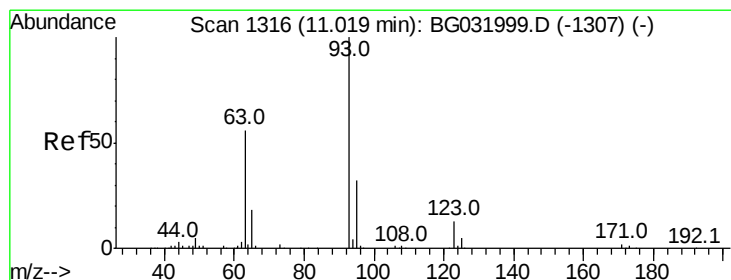
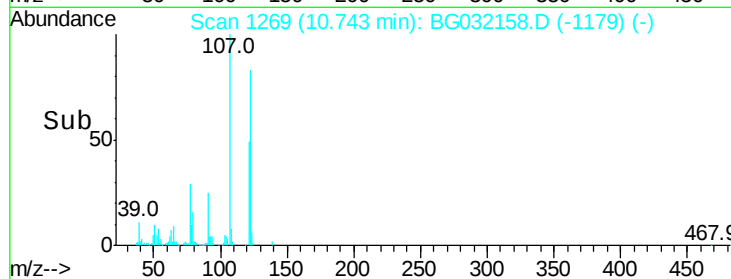
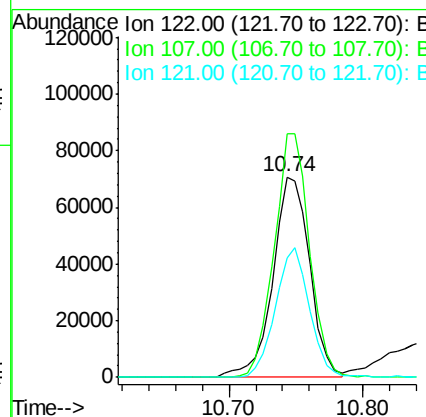
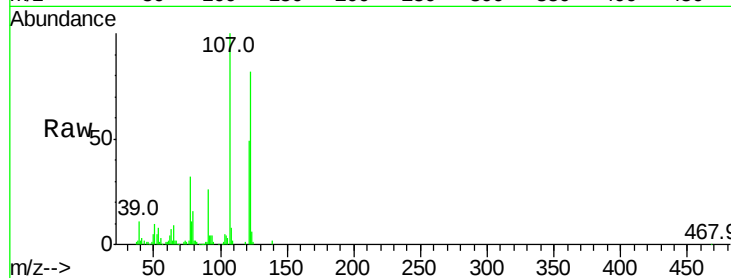




#27
 2,4-Dimethylphenol
 Concen: 49.129 ng
 RT: 10.74 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

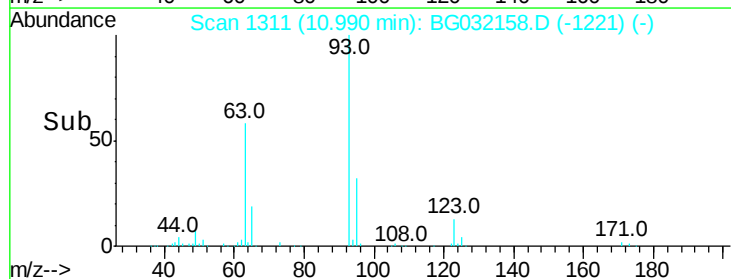
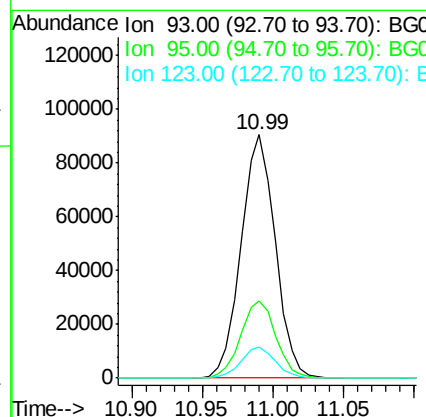
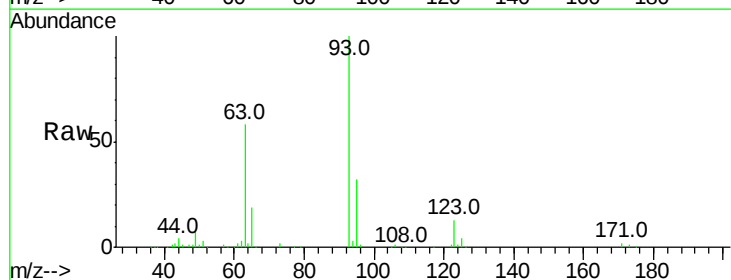
Instrument :
 BNA_G
 ClientSampleId :

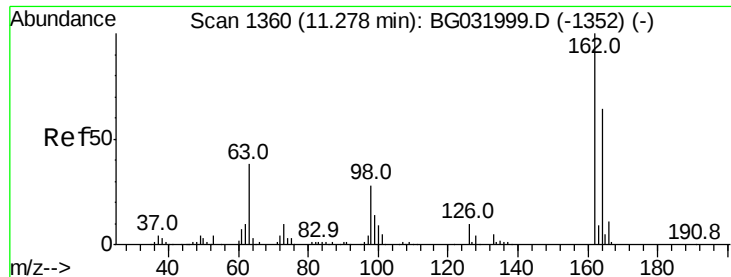
Tot Ion	122	Resp	135803
Ion Ratio	Lower	Upper	
122	100		
107	121.3	100.2	150.2
121	59.4	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.429 ng
 RT: 10.99 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

Tgt Ion	93	Resp	153511
Ion Ratio	Lower	Upper	
93	100		
95	31.8	24.3	36.5
123	13.0	8.4	12.6#

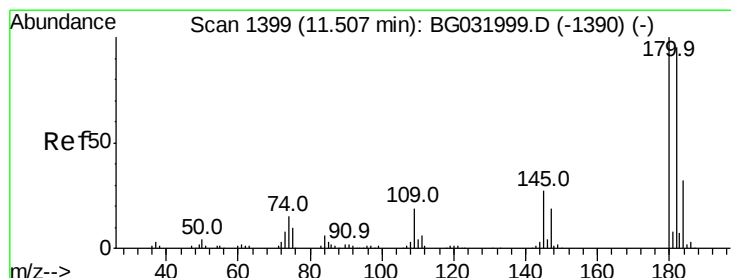
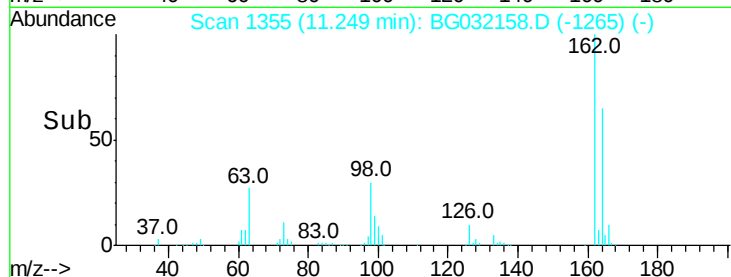
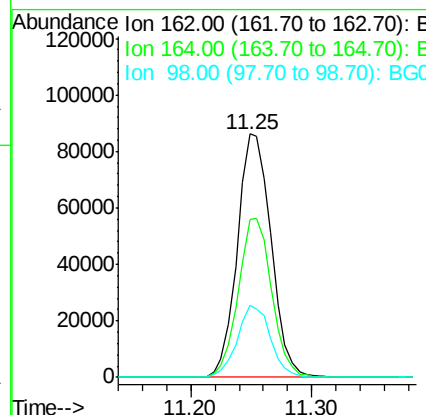
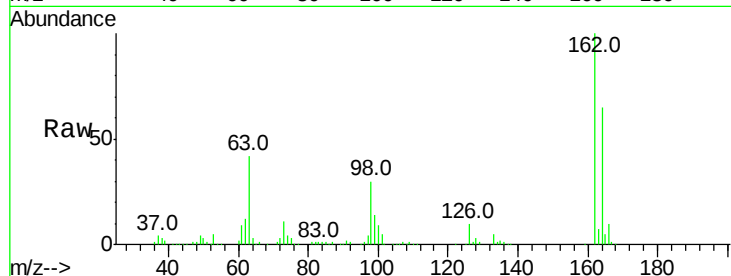




#29
 2,4-Dichlorophenol
 Concen: 49.343 ng
 RT: 11.25 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

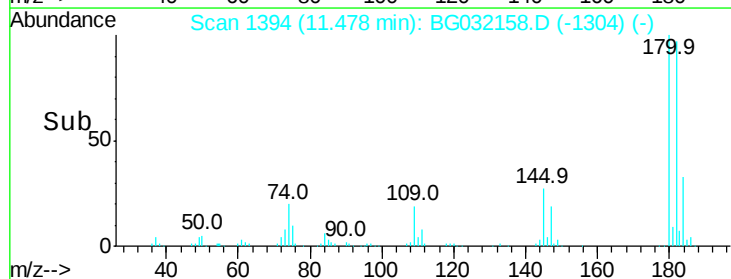
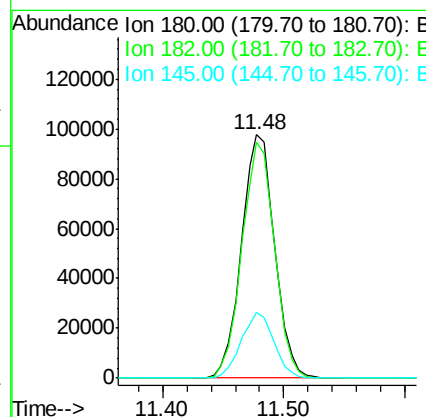
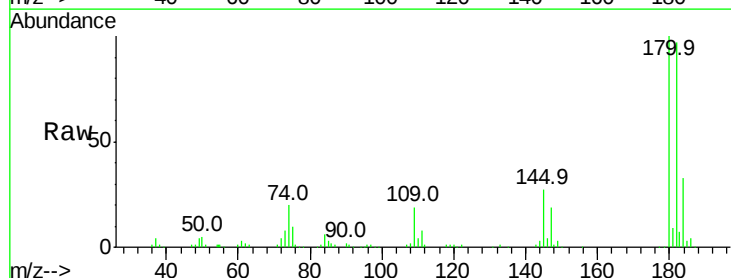
Instrument :
 BNA_G
 ClientSampled :

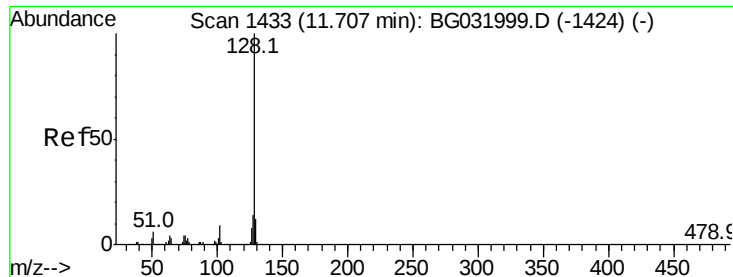
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	48.0	88.0
98	29.6	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.575 ng
 RT: 11.48 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.5	116.3
145	26.9	23.4	35.2

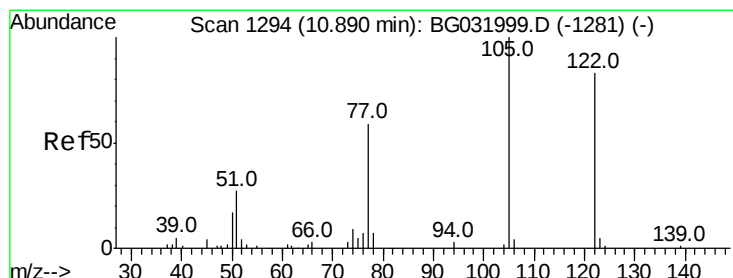
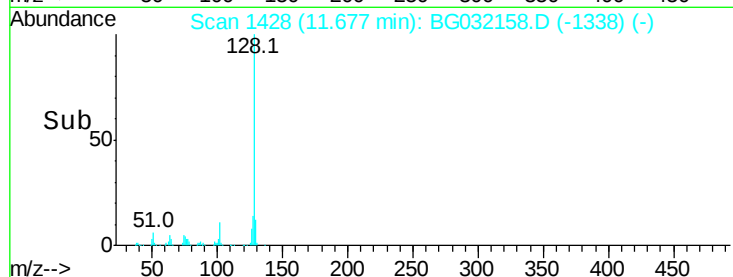
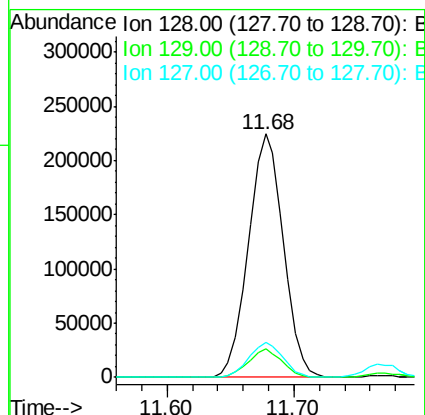
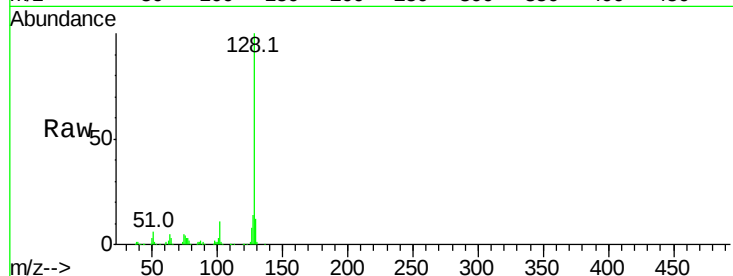




#31
Naphthalene
Concen: 43.293 ng
RT: 11.68 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

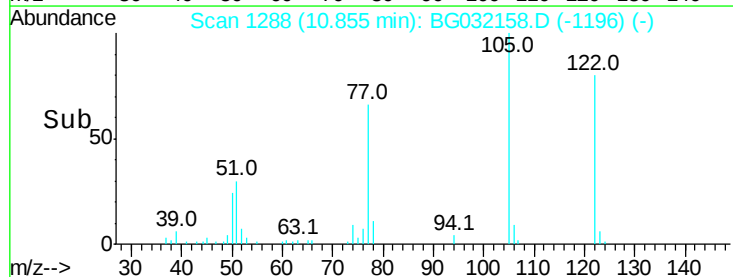
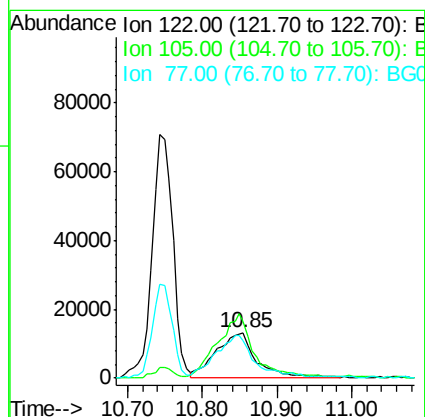
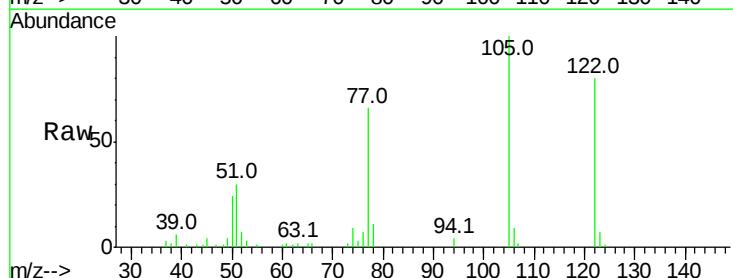
Instrument :
BNA_G
ClientSampleId :

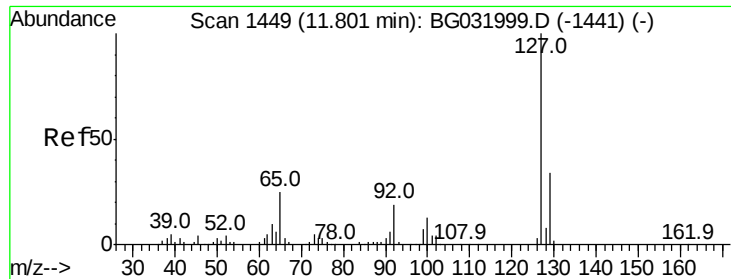
Tot Ion:128 Resp: 427616
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 14.2 11.6 17.4



#32
Benzoic acid
Concen: 25.462 ng
RT: 10.85 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

Tgt Ion:122 Resp: 50315
Ion Ratio Lower Upper
122 100
105 125.5 123.5 163.5
77 82.3 85.7 125.7#

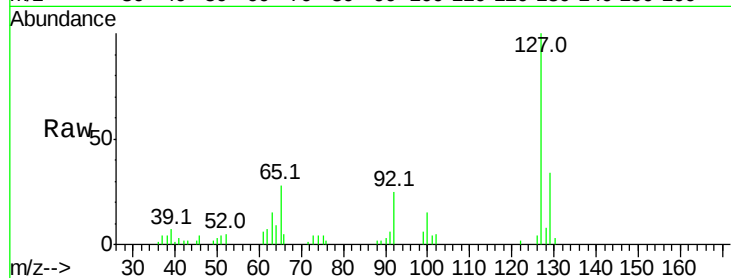




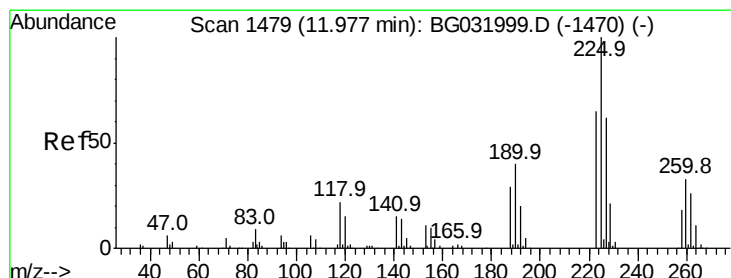
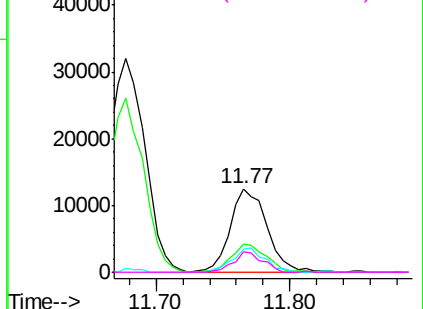
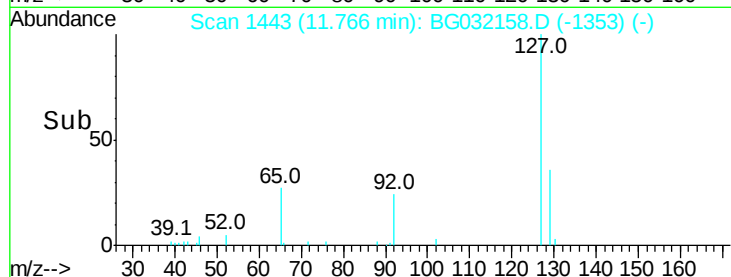
#33
4-Chloroaniline
Concen: 5.663 ng
RT: 11.77 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	23985
Ion	Ratio	Lower	Upper
127	100		
129	33.9	24.0	36.0
65	27.6	27.0	40.4
92	24.7	16.6	25.0

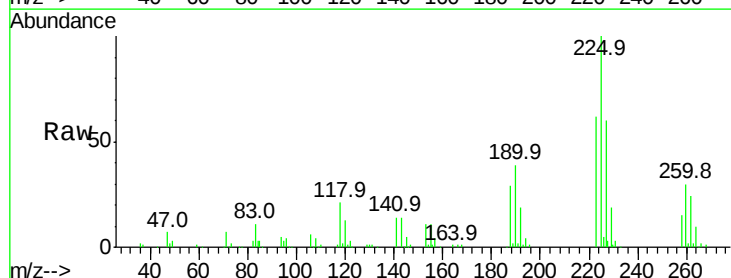


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

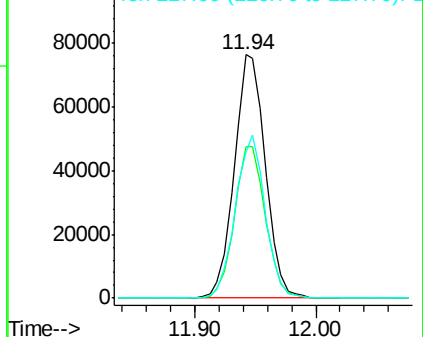
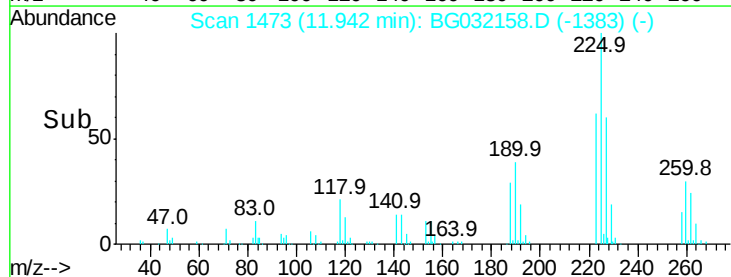


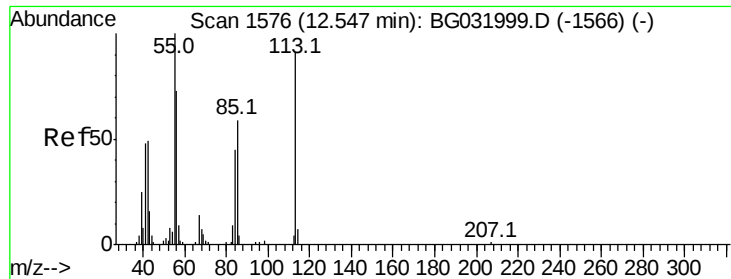
#34
Hexachlorobutadiene
Concen: 43.340 ng
RT: 11.94 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

Tgt Ion:	225	Resp:	136736
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.7	74.5
227	60.4	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: 37.006 ng

RT: 12.52 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

Instrument :

BNA_G

ClientSampleId :

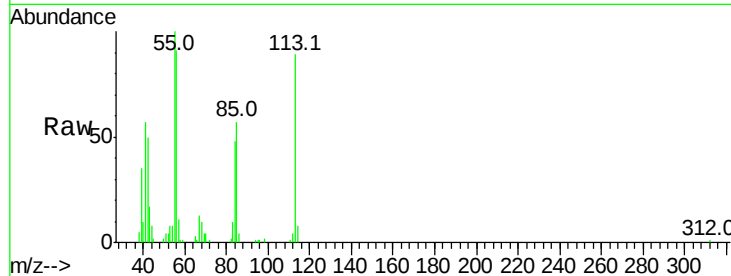
Tot Ion:113 Resp: 38185

Ion Ratio Lower Upper

113 100

55 112.4 186.9 226.9#

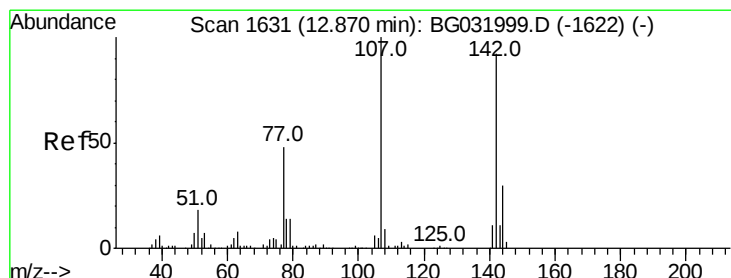
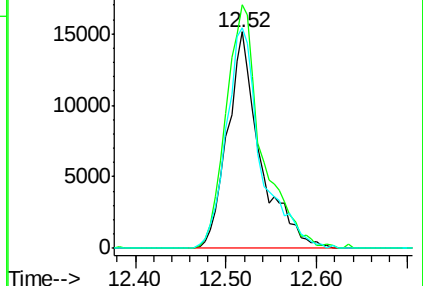
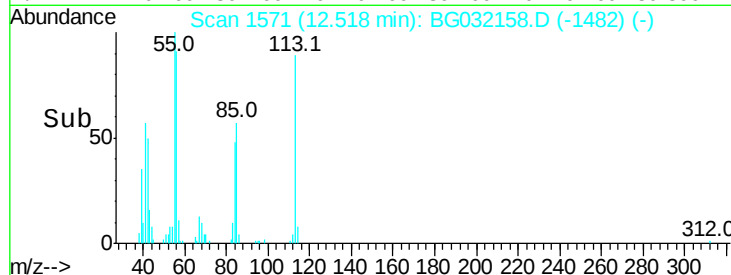
56 101.8 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG032158.D (-1482) (-)

Ion 56.00 (55.70 to 56.70): BG032158.D (-1482) (-)



#36

4-Chloro-3-methylphenol

Concen: 49.998 ng

RT: 12.85 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

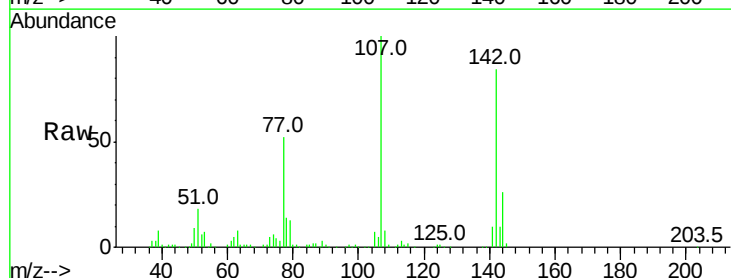
Tgt Ion:107 Resp: 155657

Ion Ratio Lower Upper

107 100

144 26.2 18.2 27.4

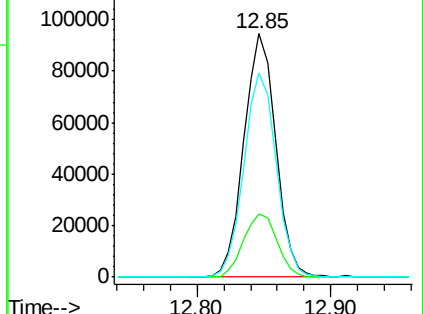
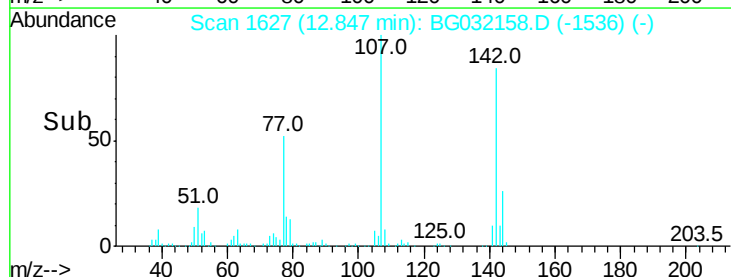
142 83.5 59.0 88.4

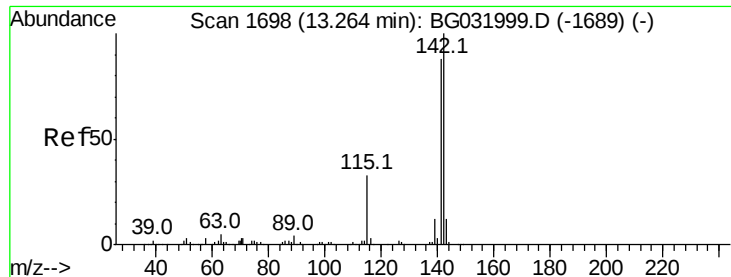


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

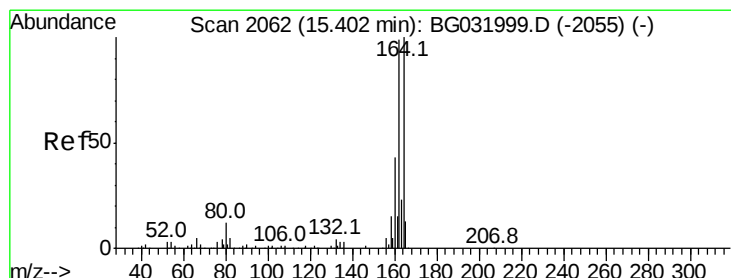
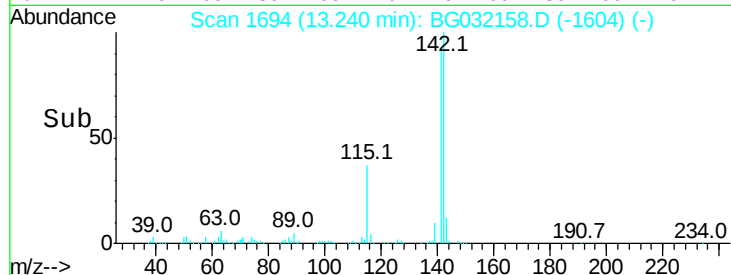
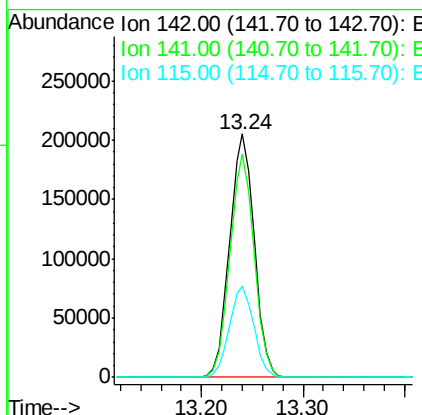
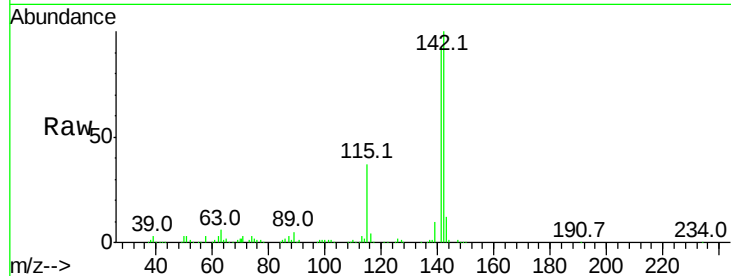




#37
2-Methylnaphthalene
Concen: 43.995 ng
RT: 13.24 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

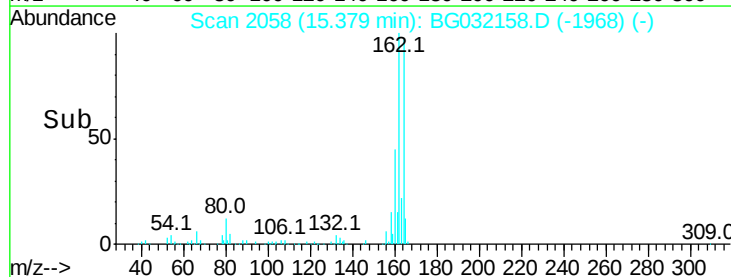
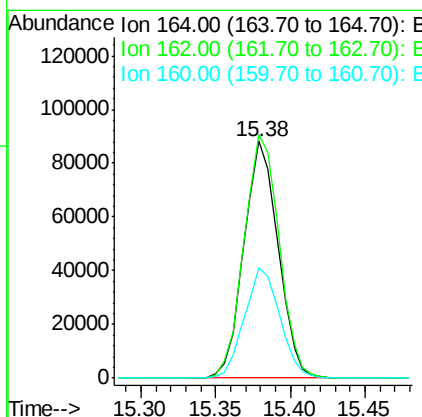
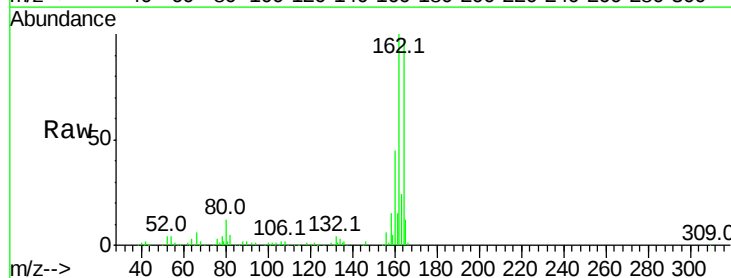
Instrument :
BNA_G
ClientSampleId :

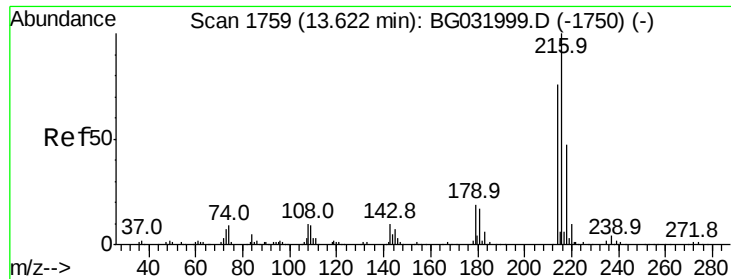
Tot Ion:142 Resp: 344994
Ion Ratio Lower Upper
142 100
141 91.9 67.1 100.7
115 37.3 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

Tgt Ion:164 Resp: 140140
Ion Ratio Lower Upper
164 100
162 102.7 78.8 118.2
160 46.3 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.906 ng

RT: 13.60 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 268207

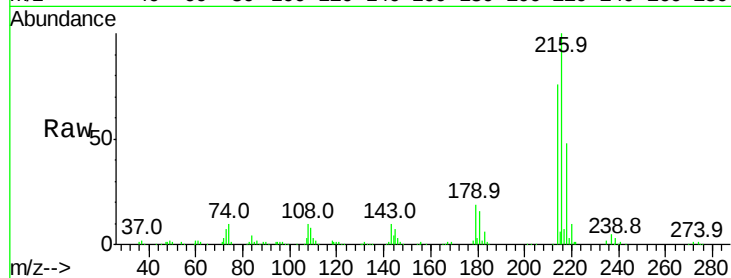
Ion Ratio Lower Upper

216 100

214 75.8 63.0 94.4

179 18.7 17.0 25.6

108 12.8 12.8 19.2

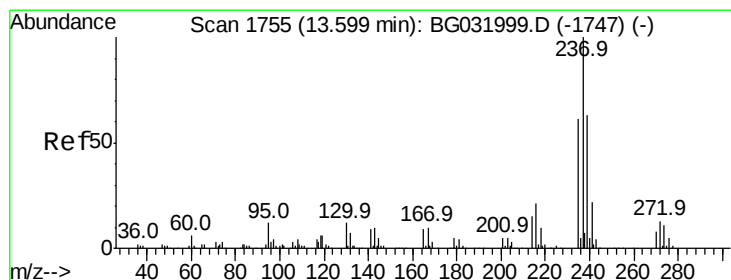
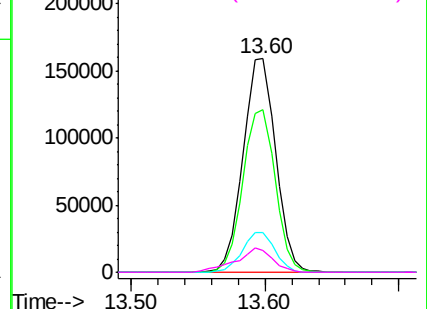
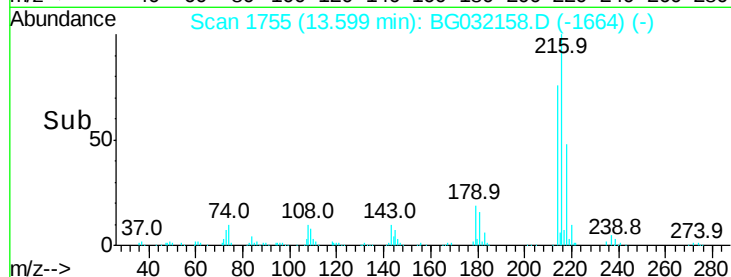


Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.051 ng

RT: 13.57 min Scan# 1750

Delta R.T. -0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

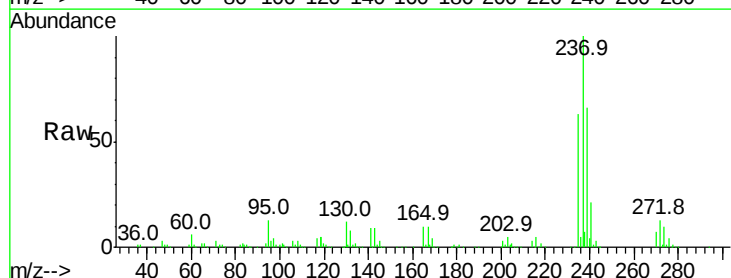
Tgt Ion:237 Resp: 330477

Ion Ratio Lower Upper

237 100

235 62.6 50.4 90.4

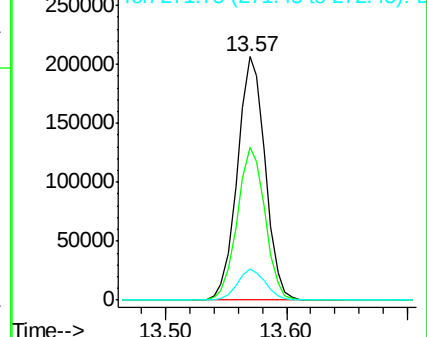
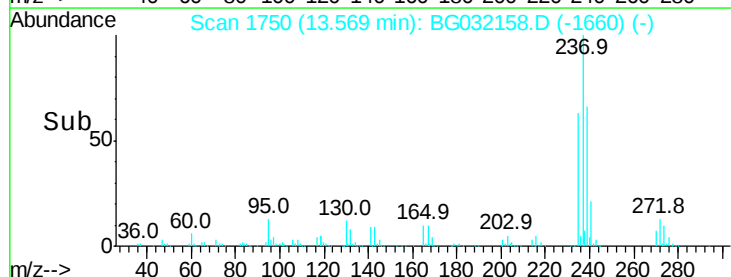
272 12.7 0.0 31.8

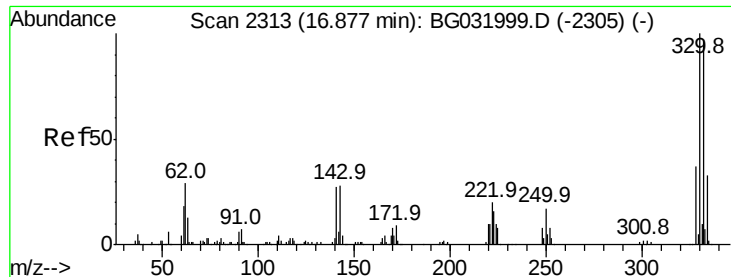


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

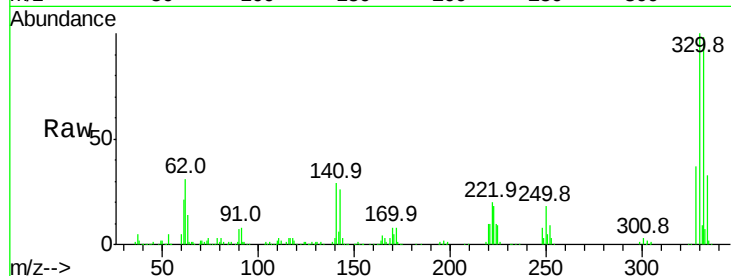




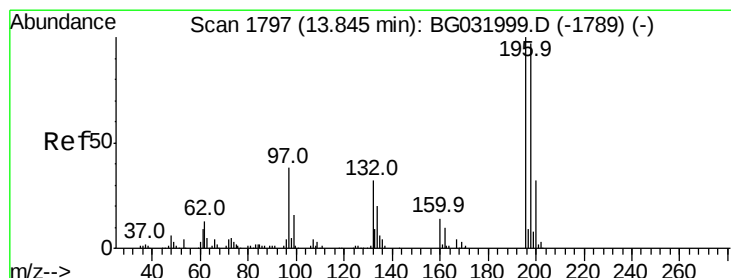
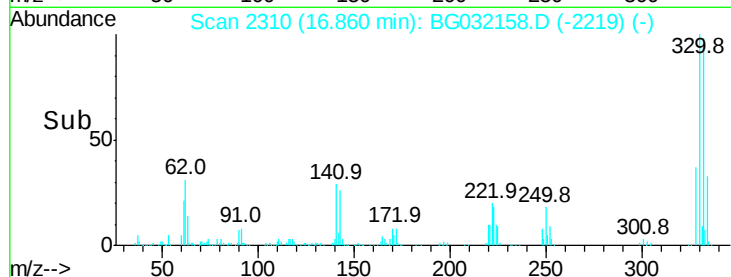
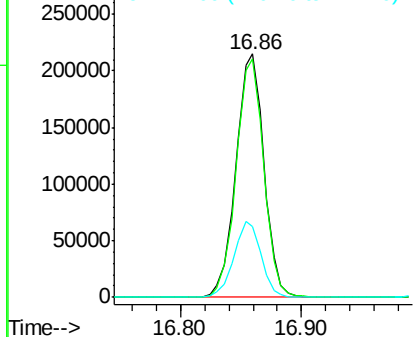
#41
 2,4,6-Tribromophenol
 Concen: 149.832 ng
 RT: 16.86 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	30.3	25.2	37.8

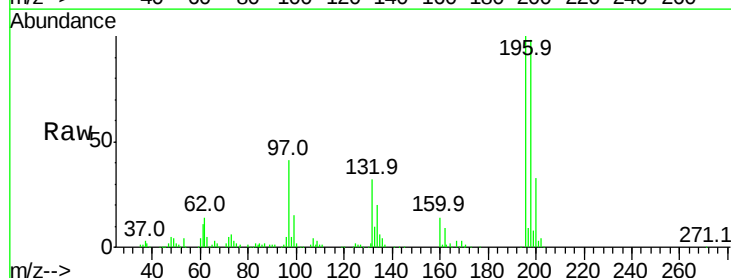


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

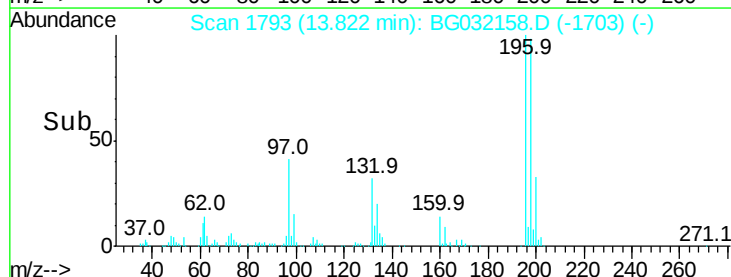
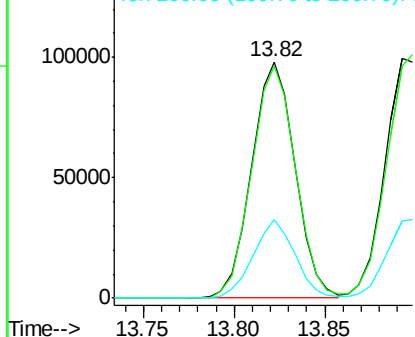


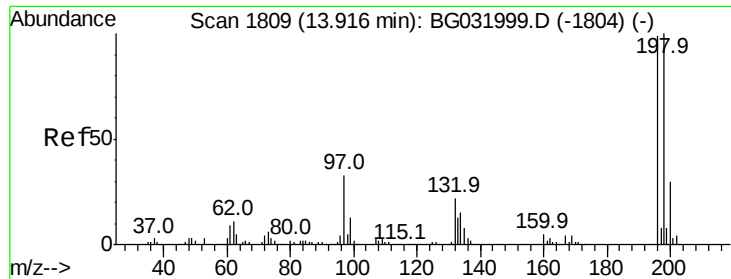
#42
 2,4,6-Trichlorophenol
 Concen: 47.482 ng
 RT: 13.82 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.4	78.2	117.2
200	33.3	24.6	36.8



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

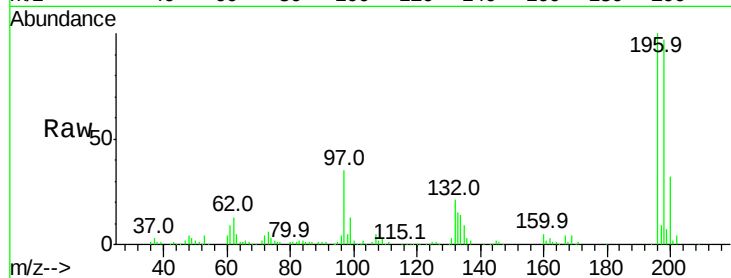




#43
 2,4,5-Trichlorophenol
 Concen: 44.164 ng
 RT: 13.89 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	196	Resp:	175462
Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.2	114.4
97	35.1	38.7	58.1#
132	20.8	20.2	30.2



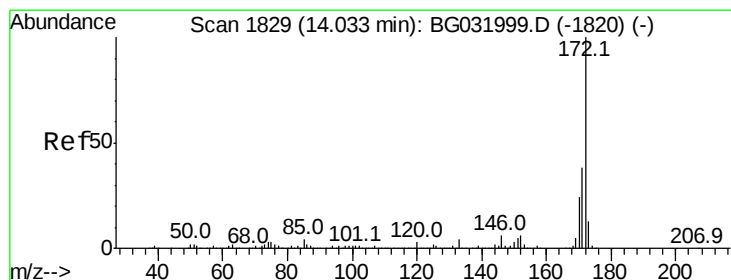
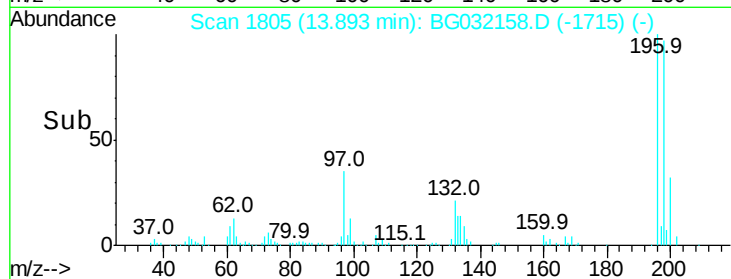
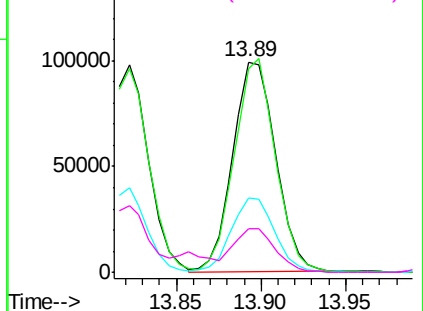
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

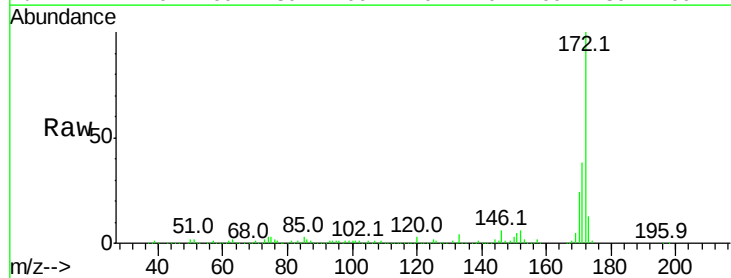
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.462 ng
 RT: 14.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

Tgt Ion:	172	Resp:	1022408
Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.8	19.5	29.3

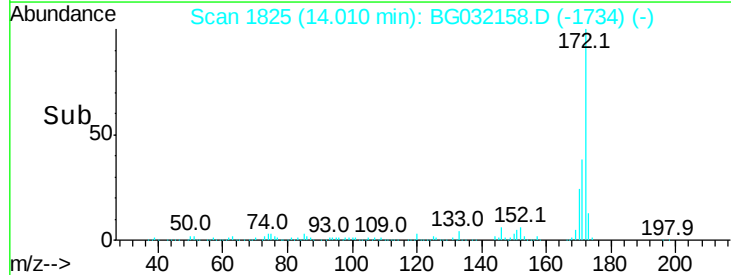
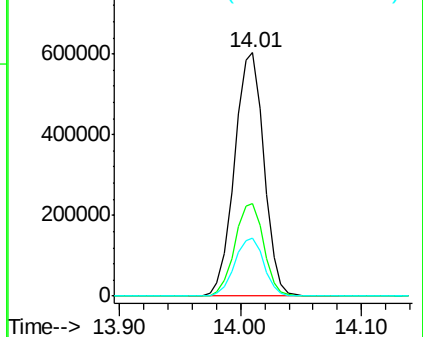


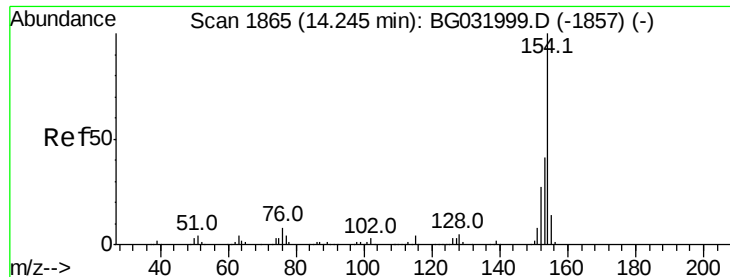
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

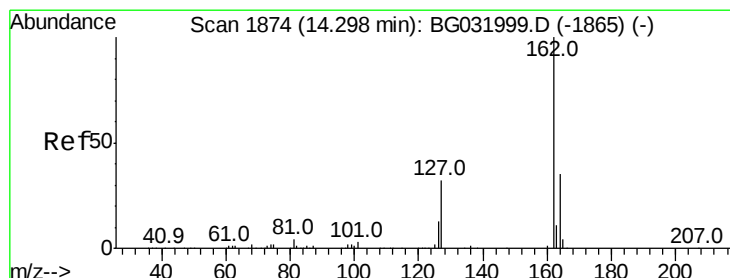
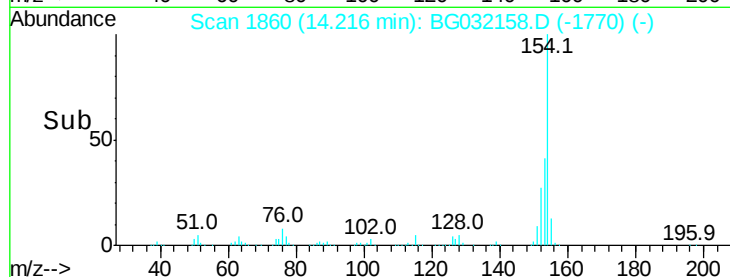
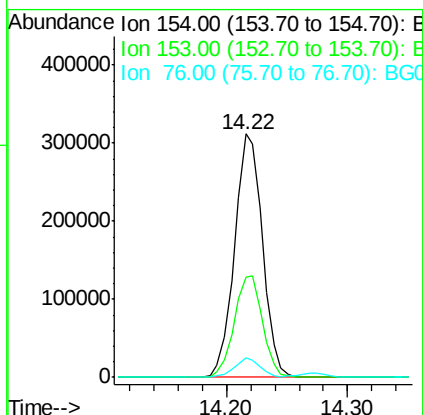
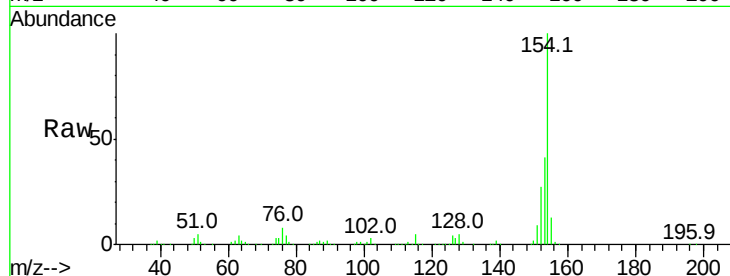




#45
 1,1'-Biphenyl
 Concen: 41.634 ng
 RT: 14.22 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

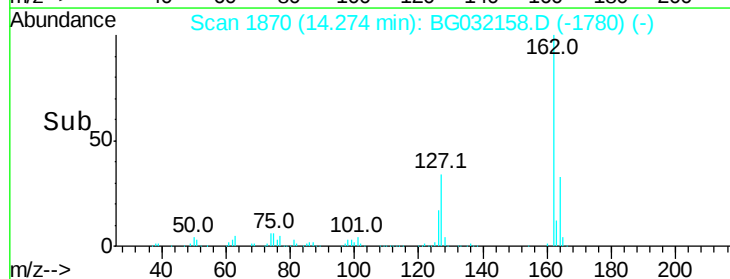
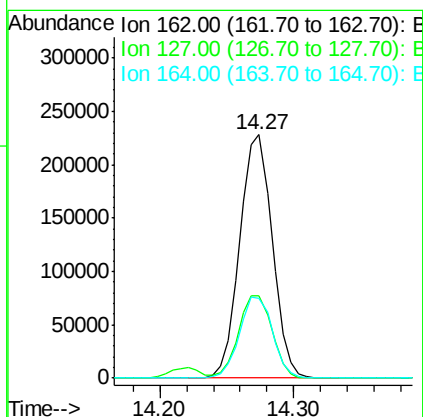
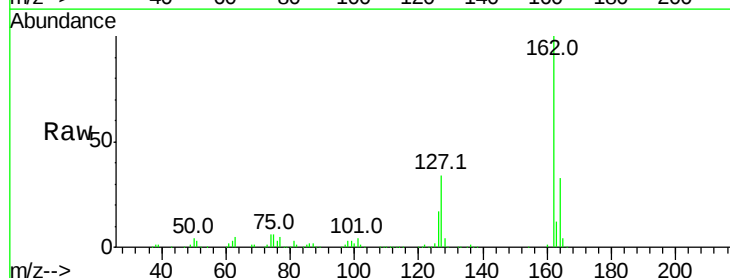
Instrument :
 BNA_G
 ClientSampleId :

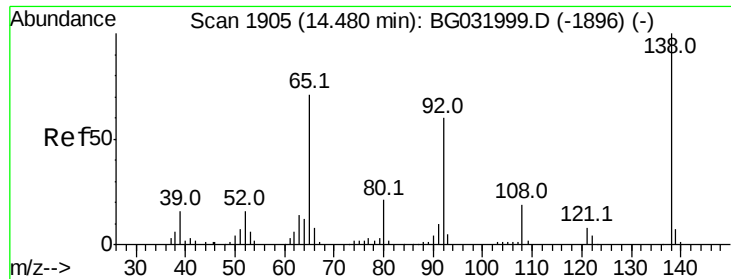
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	19.8	59.8
76	7.8	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 41.143 ng
 RT: 14.27 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.6	30.7	46.1
164	32.6	26.0	39.0

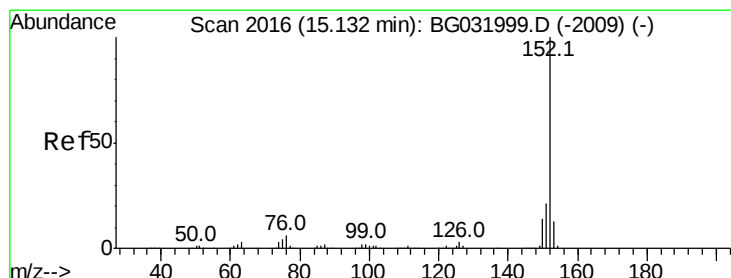
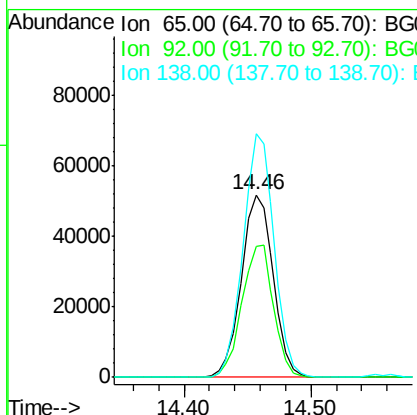
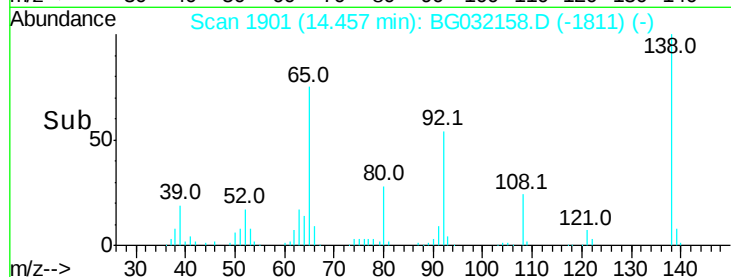
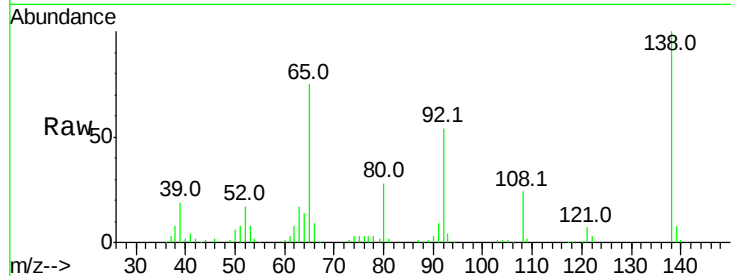




#47
 2-Nitroaniline
 Concen: 50.502 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

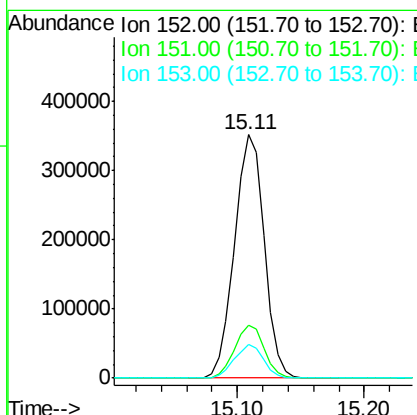
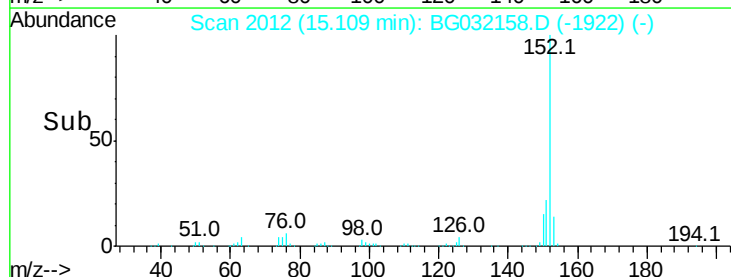
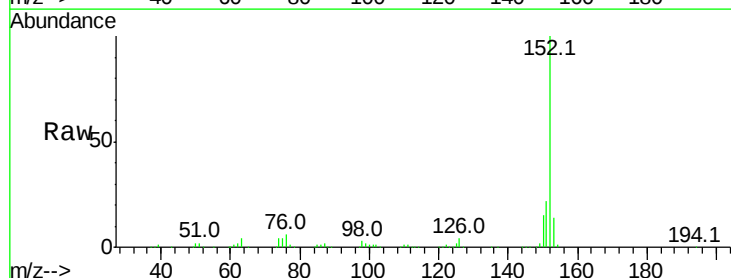
Instrument :
 BNA_G
 ClientSampleId :

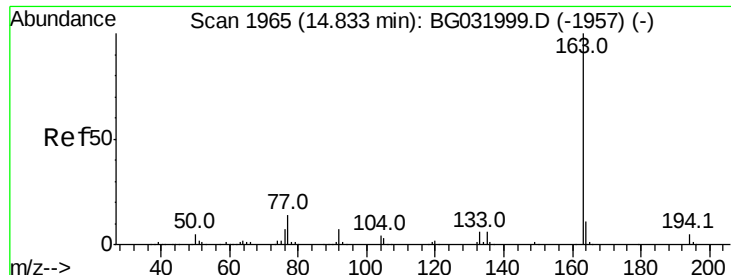
Tot Ion: 65 Resp: 90358
 Ion Ratio Lower Upper
 65 100
 92 71.7 54.6 82.0
 138 133.2 72.9 109.3#



#48
 Acenaphthylene
 Concen: 40.015 ng
 RT: 15.11 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

Tgt Ion:152 Resp: 569494
 Ion Ratio Lower Upper
 152 100
 151 22.0 17.2 25.8
 153 14.0 10.2 15.4

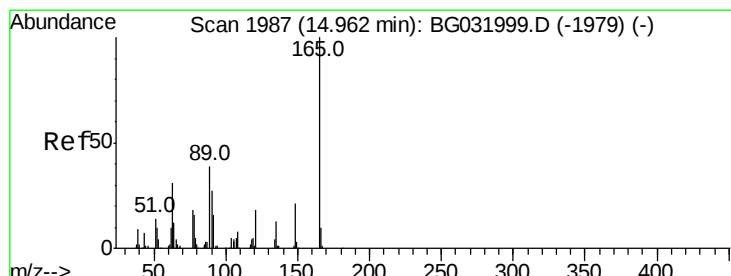
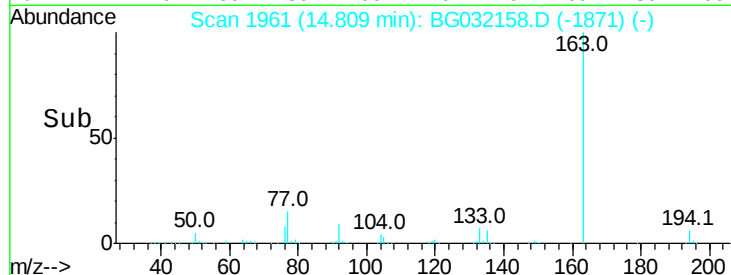
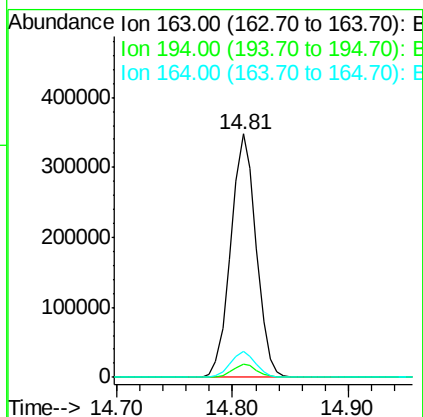
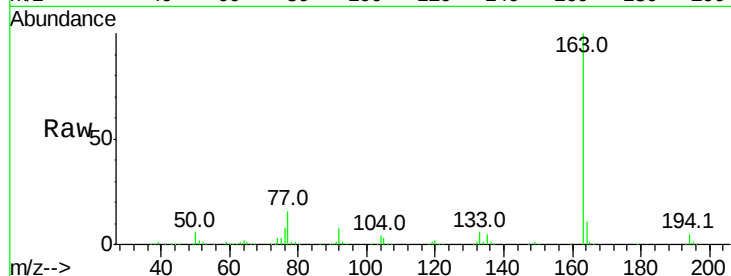




#49
Dimethylphthalate
Concen: 42.922 ng
RT: 14.81 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

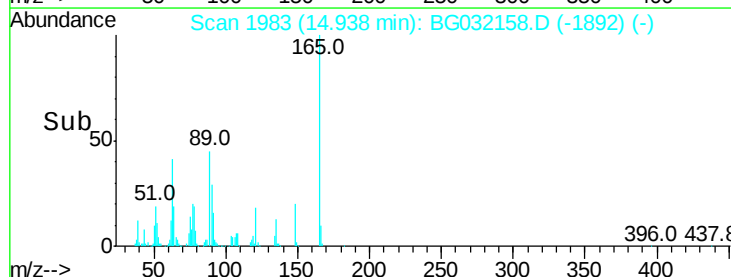
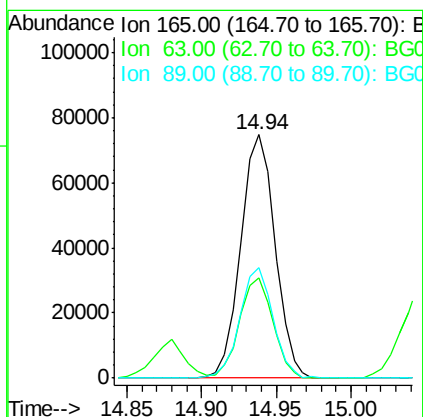
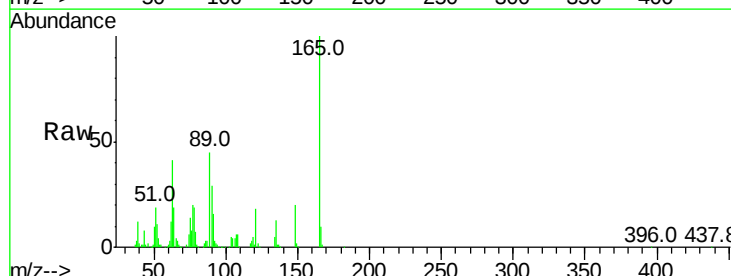
Instrument :
BNA_G
ClientSampleId :

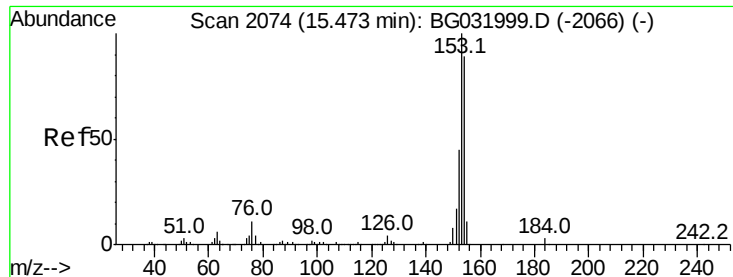
Tot Ion:163 Resp: 526375
Ion Ratio Lower Upper
163 100
194 5.2 3.4 5.2#
164 10.7 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 46.756 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

Tgt Ion:165 Resp: 119016
Ion Ratio Lower Upper
165 100
63 41.4 52.7 79.1#
89 45.5 49.2 73.8#





#51

Acenaphthene

Concen: 44.396 ng

RT: 15.44 min Scan# 2069

Delta R.T. -0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

Instrument :

BNA_G

ClientSampleId :

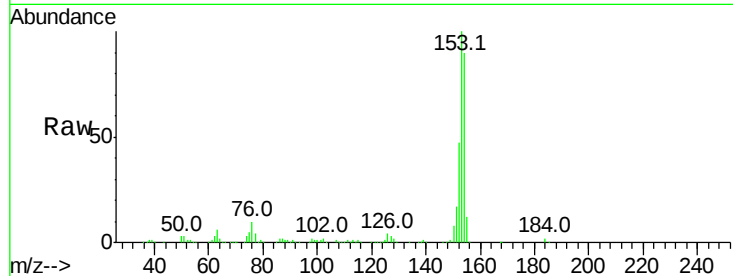
Tot Ion:154 Resp: 417801

Ion Ratio Lower Upper

154 100

153 110.8 90.4 135.6

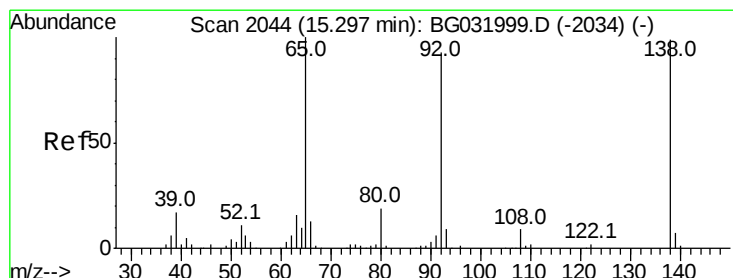
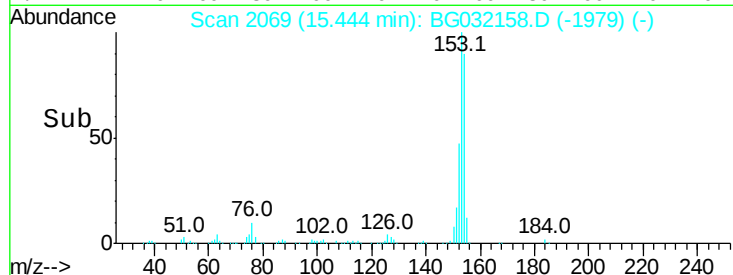
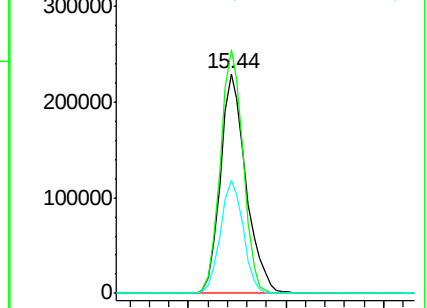
152 51.6 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.846 ng

RT: 15.27 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

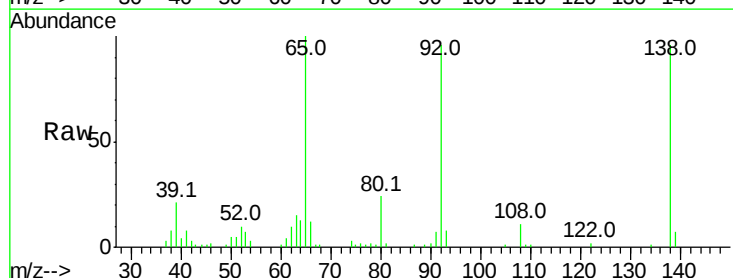
Tgt Ion:138 Resp: 34132

Ion Ratio Lower Upper

138 100

108 11.7 17.5 26.3#

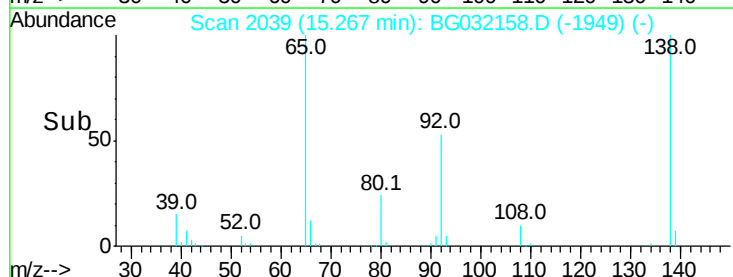
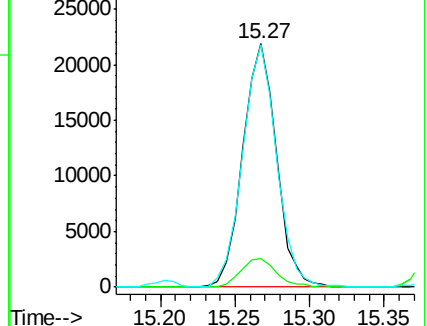
92 99.7 105.8 158.8#

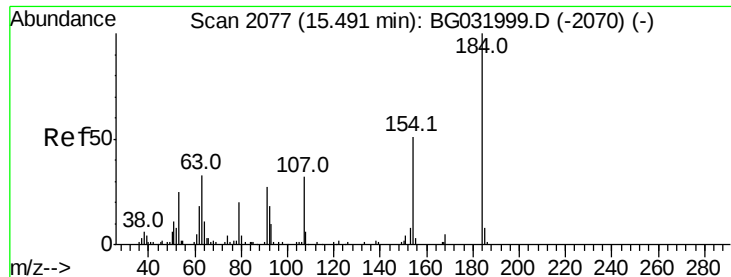


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

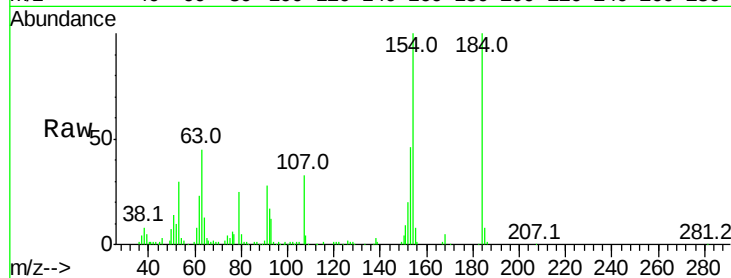




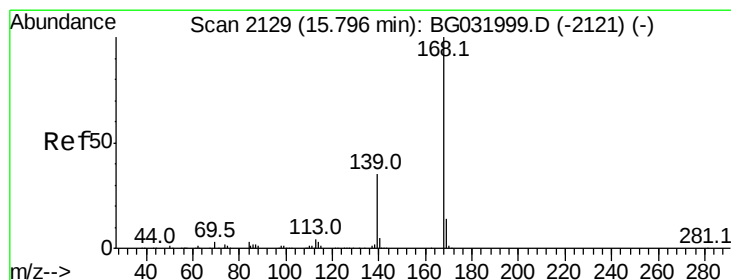
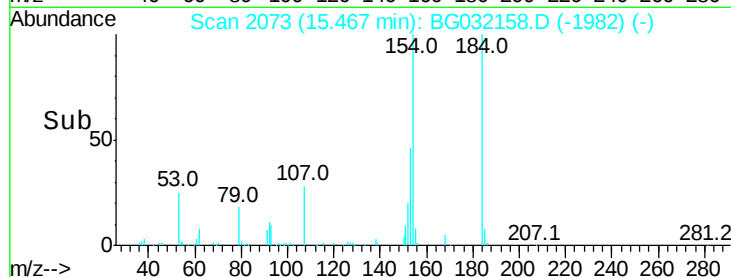
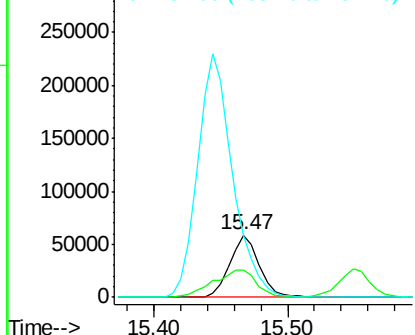
#53
2,4-Dinitrophenol
Concen: 71.920 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 90850
Ion Ratio Lower Upper
184 100
63 44.7 59.8 89.8#
154 99.8 101.8 152.8#

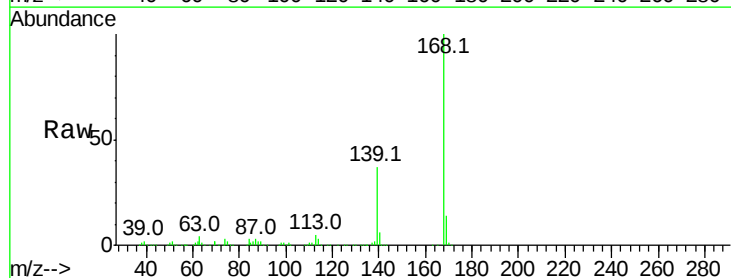


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

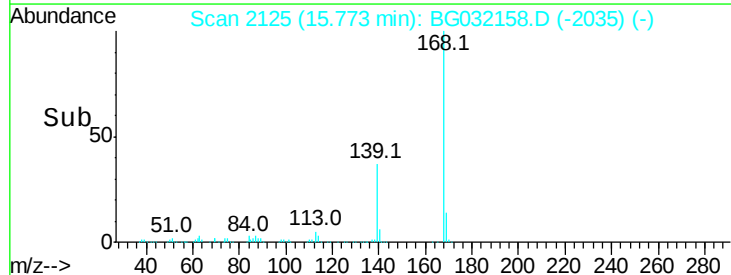
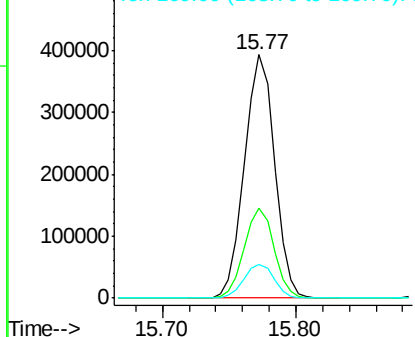


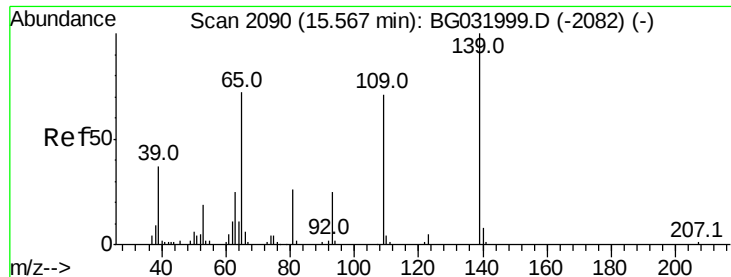
#54
Dibenzofuran
Concen: 43.545 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

Tgt Ion:168 Resp: 611319
Ion Ratio Lower Upper
168 100
139 37.2 28.6 43.0
169 13.9 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

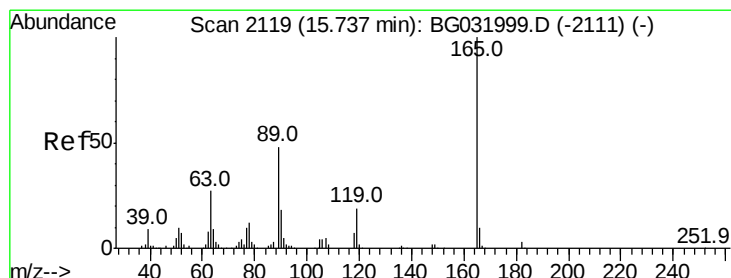
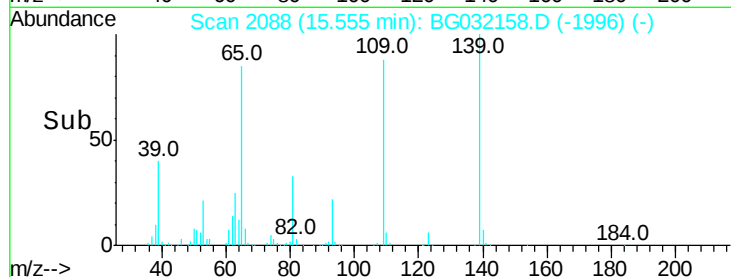
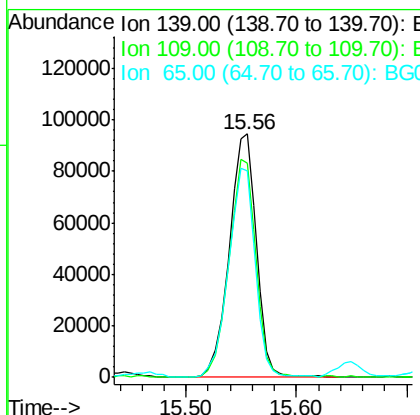
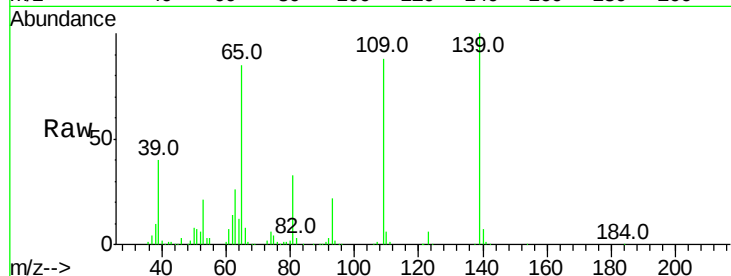




#55
4-Nitrophenol
Concen: 97.155 ng
RT: 15.56 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

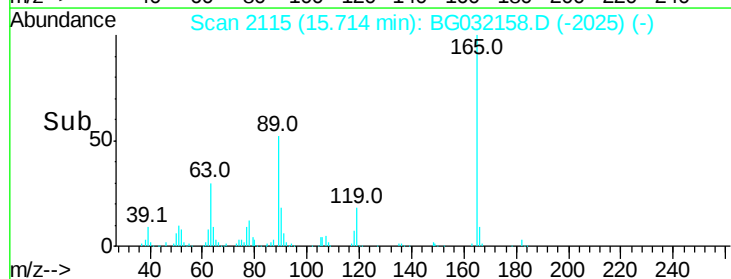
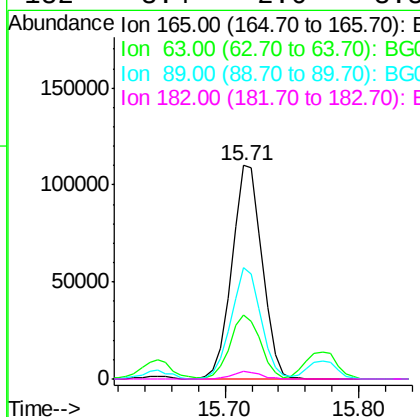
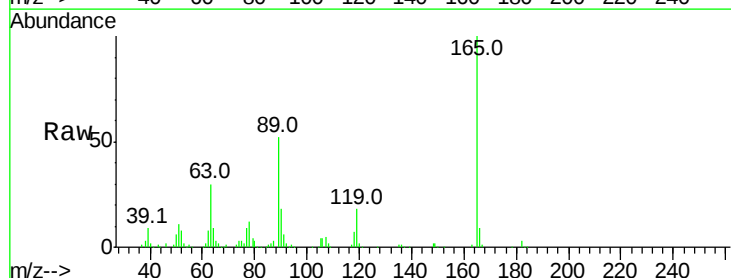
Instrument :
BNA_G
ClientSampleId :

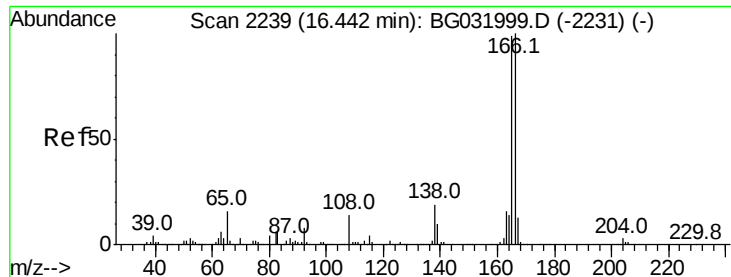
Tot Ion:139 Resp: 162779
Ion Ratio Lower Upper
139 100
109 87.9 62.2 102.2
65 84.7 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 50.446 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

Tgt Ion:165 Resp: 172879
Ion Ratio Lower Upper
165 100
63 29.7 42.0 63.0#
89 52.3 66.9 100.3#
182 3.4 2.6 3.8

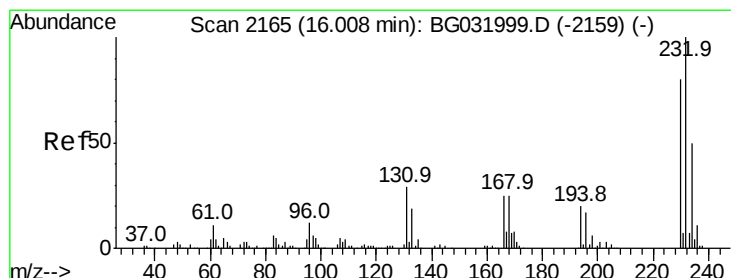
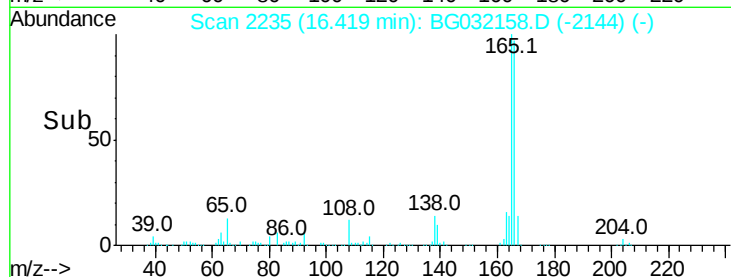
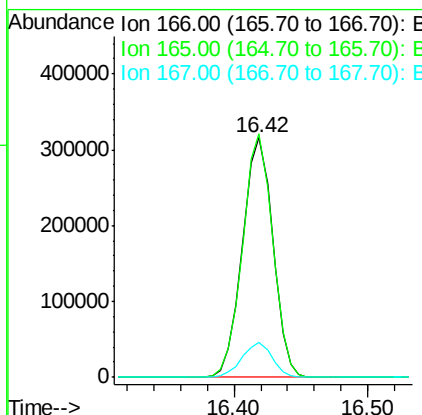
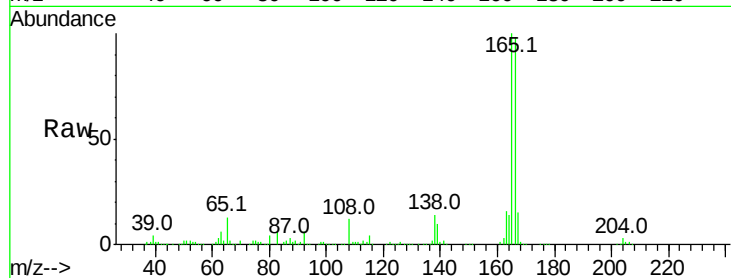




#57
 Fluorene
 Concen: 43.095 ng
 RT: 16.42 min Scan# 2235
 Delta R.T. 0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

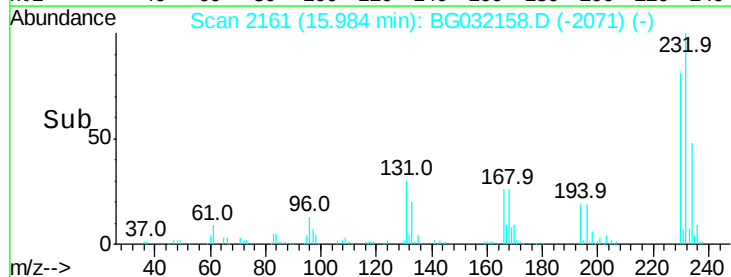
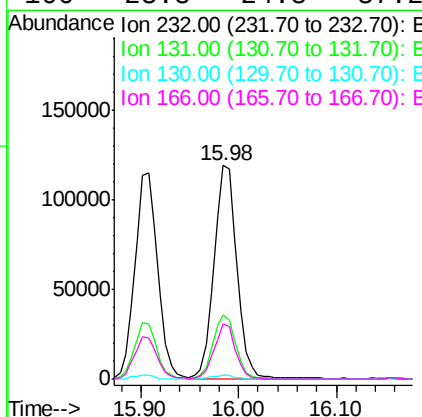
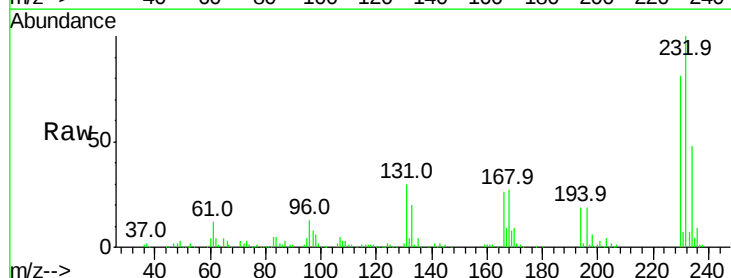
Instrument :
 BNA_G
 ClientSampleId :

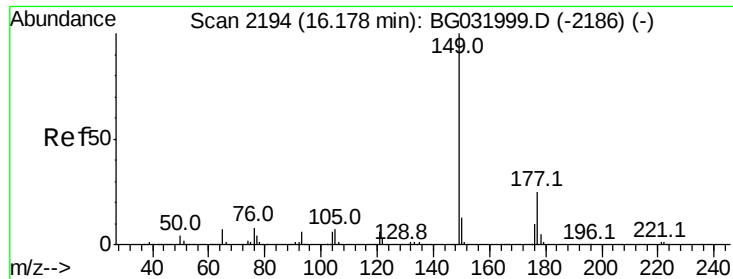
Tot Ion:166 Resp: 496190
 Ion Ratio Lower Upper
 166 100
 165 101.7 80.6 121.0
 167 14.7 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.509 ng
 RT: 15.98 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

Tgt Ion:232 Resp: 192985
 Ion Ratio Lower Upper
 232 100
 131 29.9 33.5 50.3#
 130 1.8 2.2 3.2#
 166 23.8 24.8 37.2#

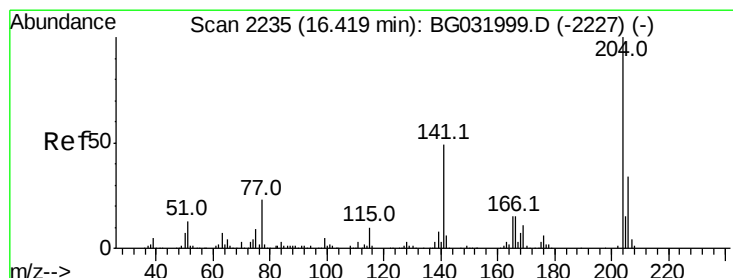
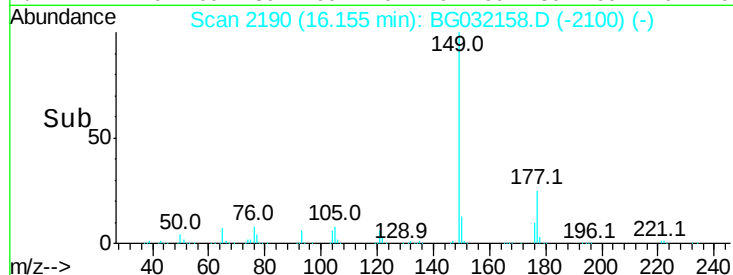
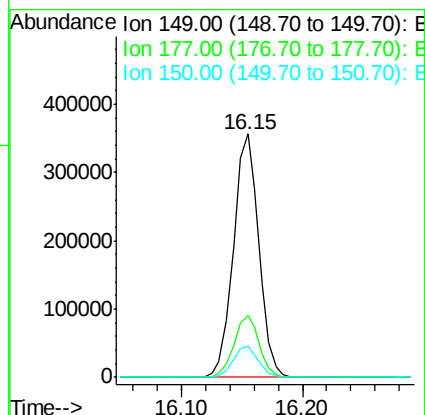
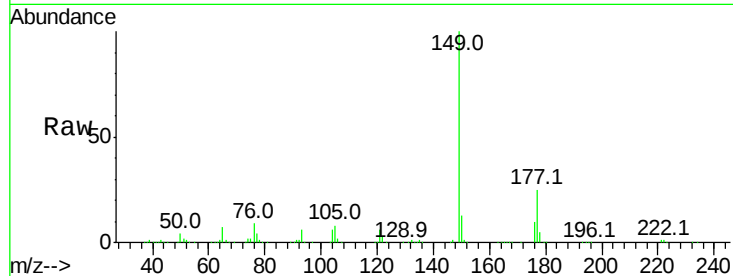




#59
Diethylphthalate
Concen: 43.606 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

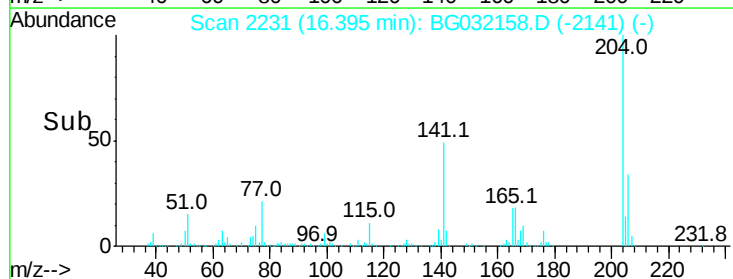
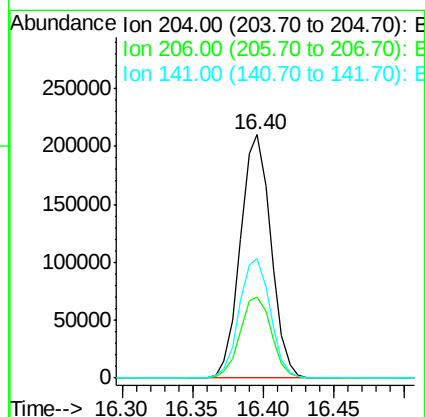
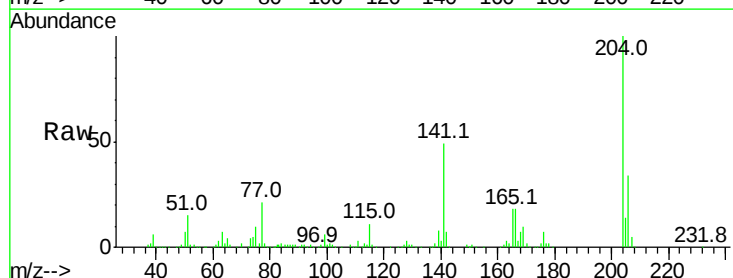
Instrument :
BNA_G
ClientSampled :

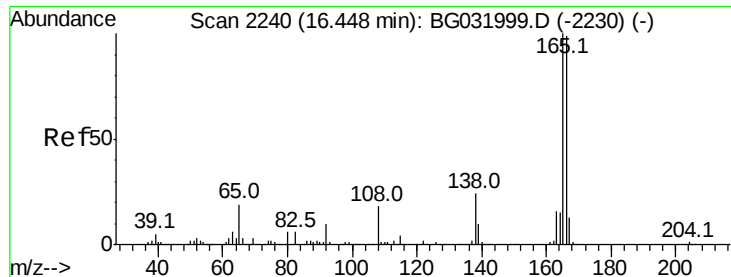
Tot Ion:149 Resp: 518422
Ion Ratio Lower Upper
149 100
177 25.2 18.5 27.7
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.053 ng
RT: 16.40 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

Tgt Ion:204 Resp: 318207
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 49.1 45.8 68.6

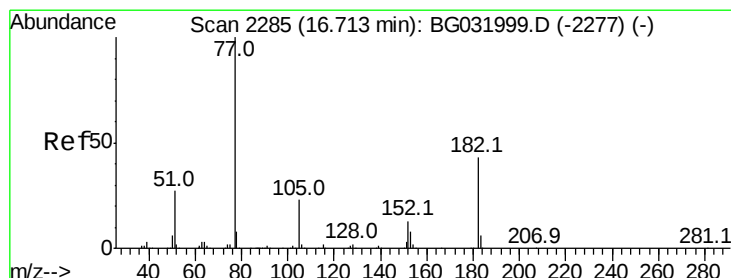
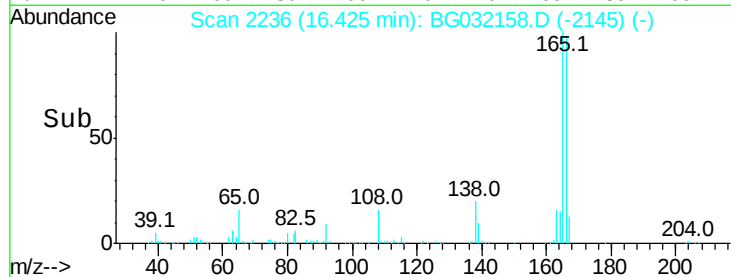
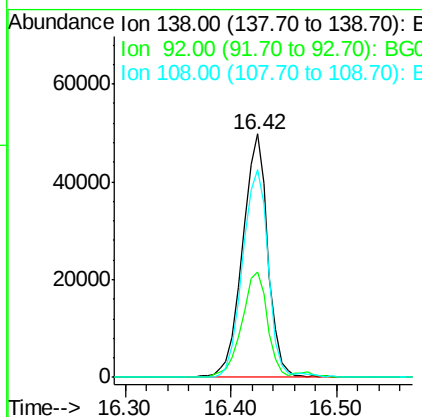
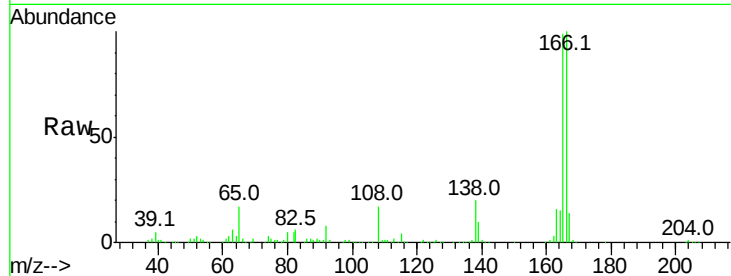




#61
4-Nitroaniline
Concen: 37.408 ng
RT: 16.42 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

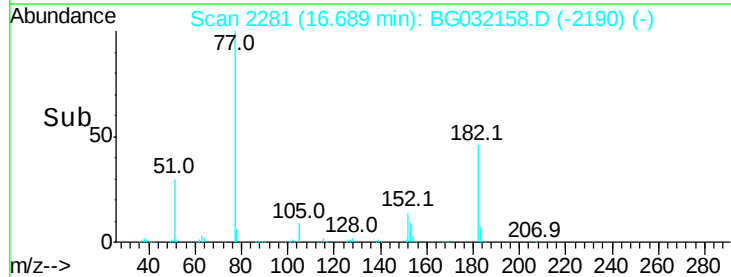
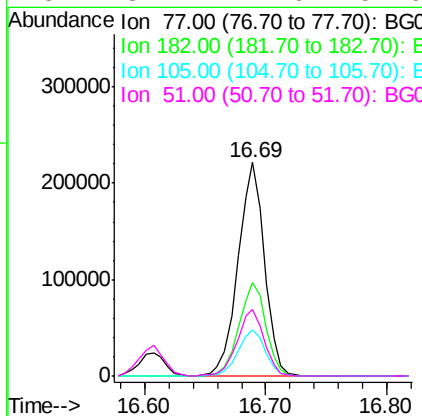
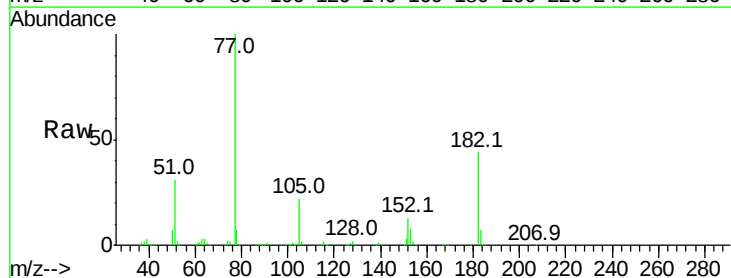
Instrument :
BNA_G
ClientSampleId :

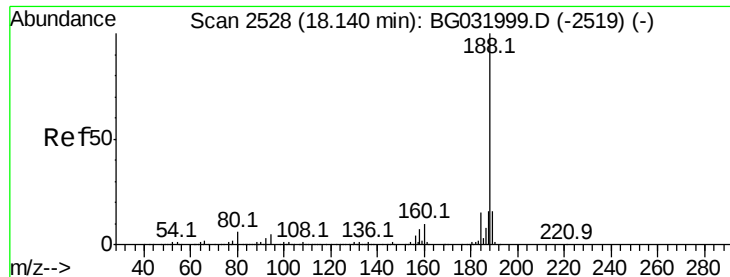
Tot Ion:138 Resp: 82499
Ion Ratio Lower Upper
138 100
92 43.2 40.1 80.1
108 85.5 65.4 105.4



#62
Azobenzene
Concen: 45.388 ng
RT: 16.69 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

Tgt Ion: 77 Resp: 337741
Ion Ratio Lower Upper
77 100
182 43.7 7.4 47.4
105 21.5 0.3 40.3
51 31.4 11.6 51.6

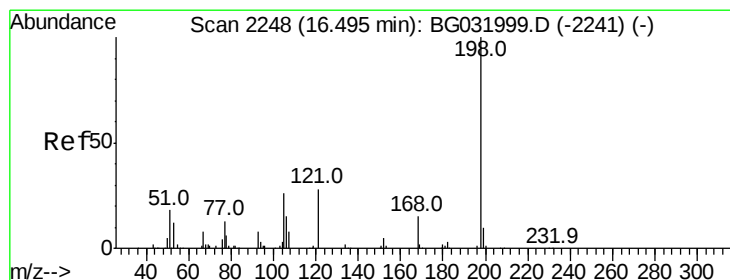
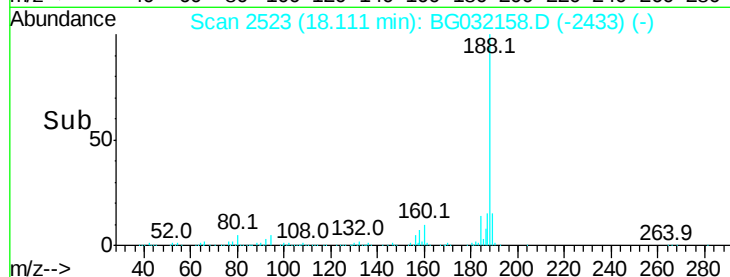
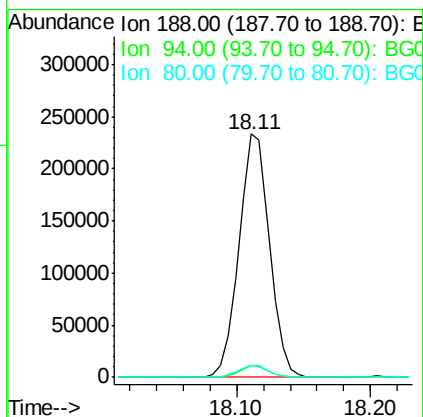
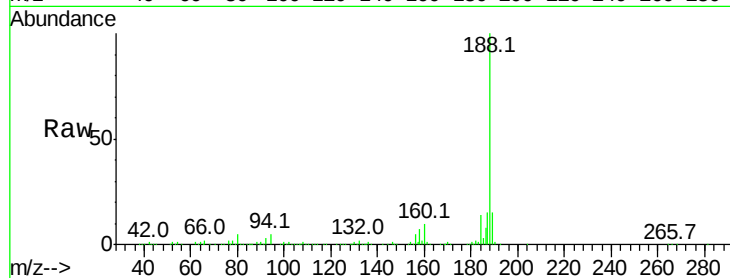




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

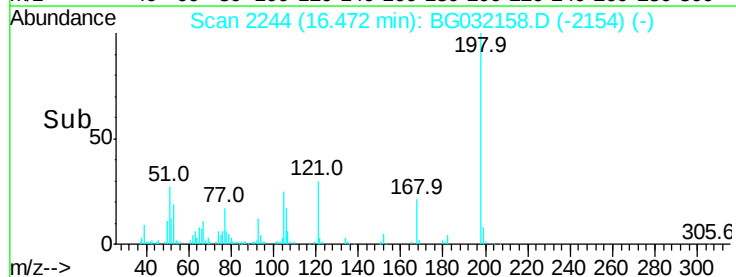
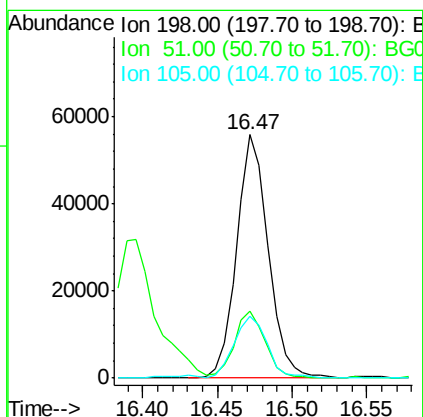
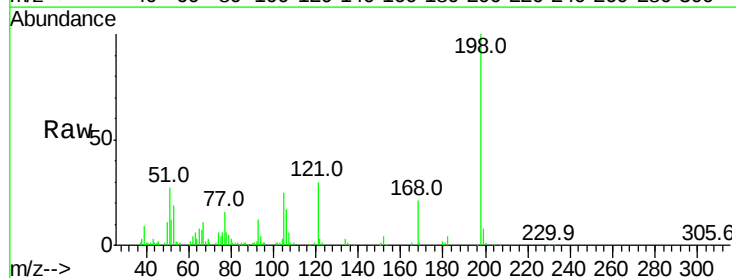
Instrument :
BNA_G
ClientSampleId :

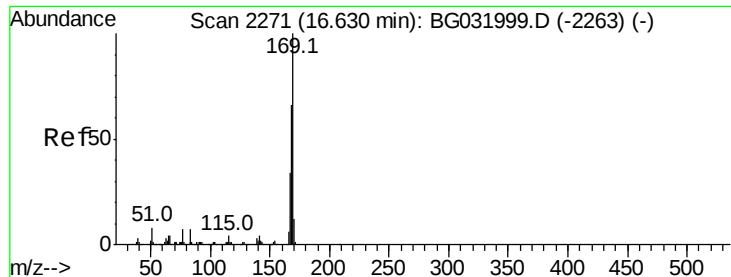
Tot Ion:188 Resp: 367824
Ion Ratio Lower Upper
188 100
94 4.7 6.9 10.3#
80 4.7 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 36.331 ng
RT: 16.47 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

Tgt Ion:198 Resp: 82422
Ion Ratio Lower Upper
198 100
51 27.3 30.6 70.6#
105 25.4 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 41.793 ng

RT: 16.61 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

Instrument :

BNA_G

ClientSampleId :

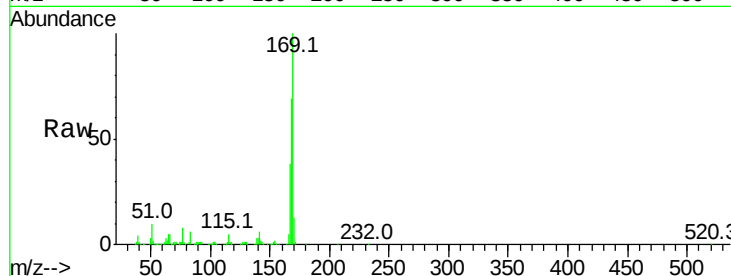
Tot Ion:169 Resp: 466471

Ion Ratio Lower Upper

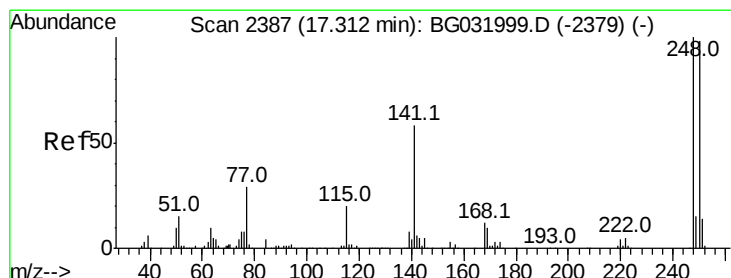
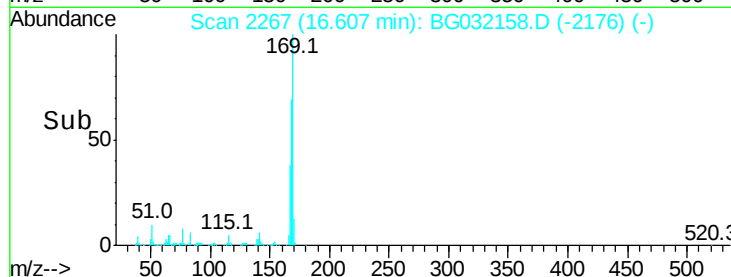
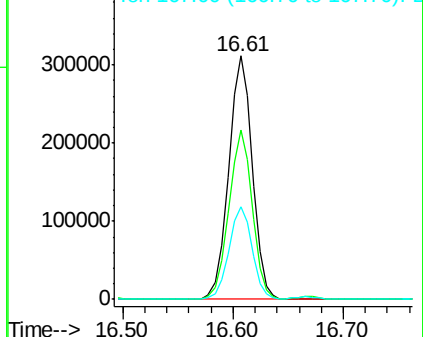
169 100

168 69.4 55.7 83.5

167 38.1 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: 45.160 ng

RT: 17.29 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

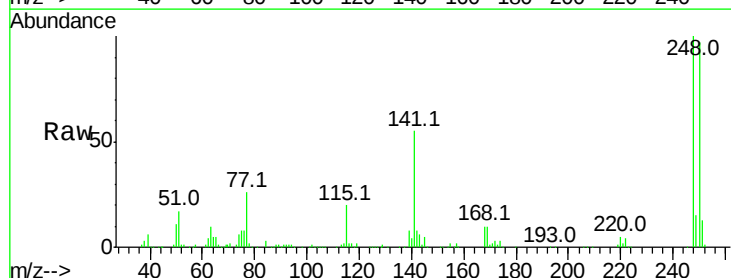
Tgt Ion:248 Resp: 236343

Ion Ratio Lower Upper

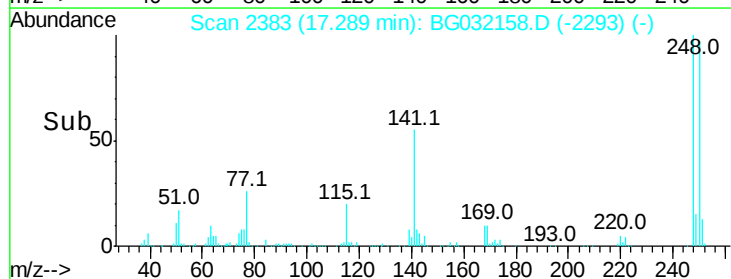
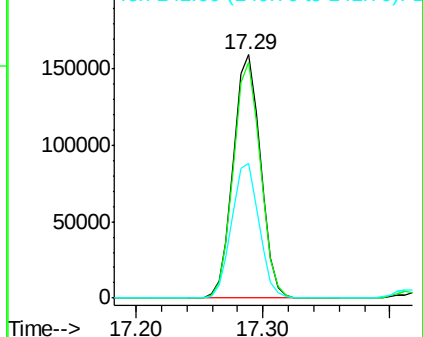
248 100

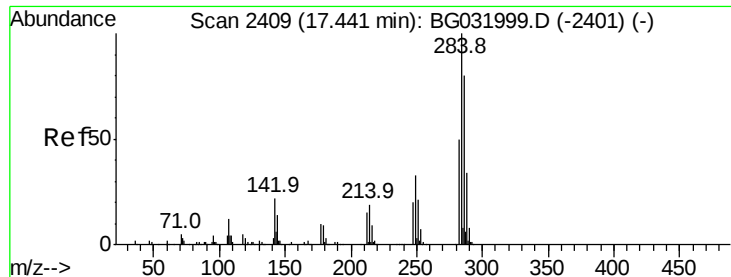
250 97.0 77.1 115.7

141 55.2 50.8 76.2



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

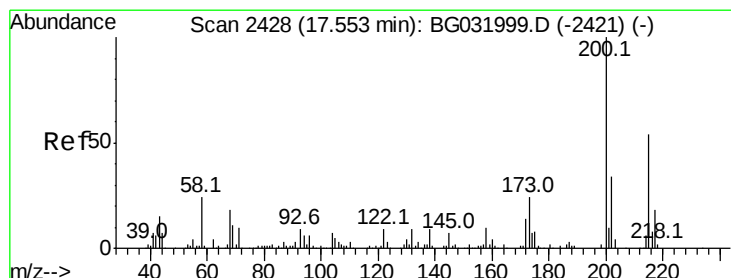
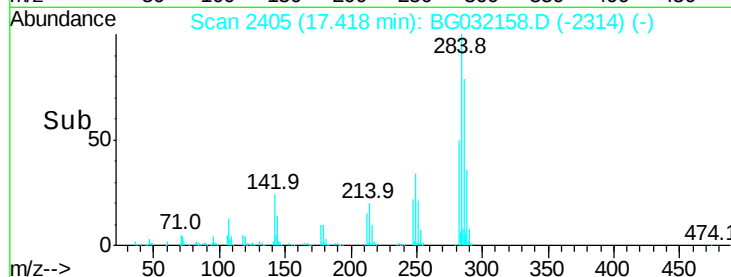
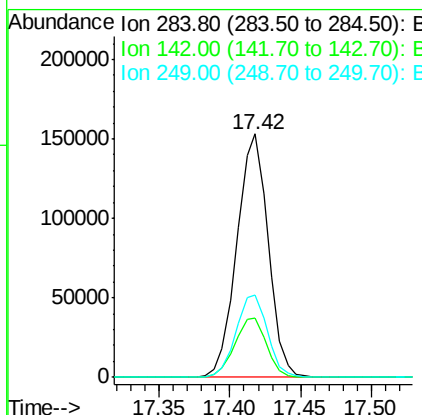
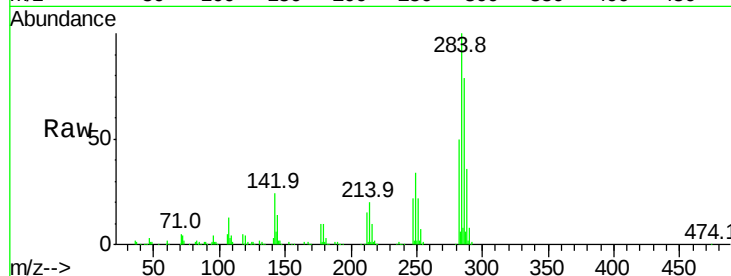




#67
Hexachlorobenzene
Concen: 40.834 ng
RT: 17.42 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

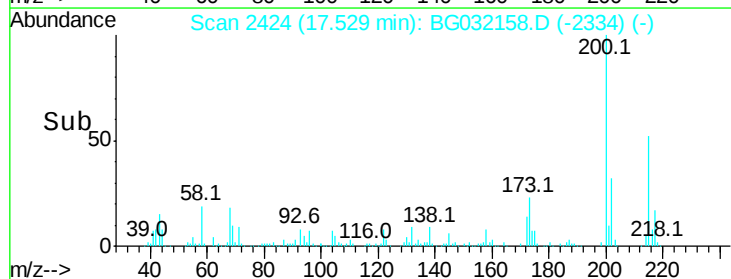
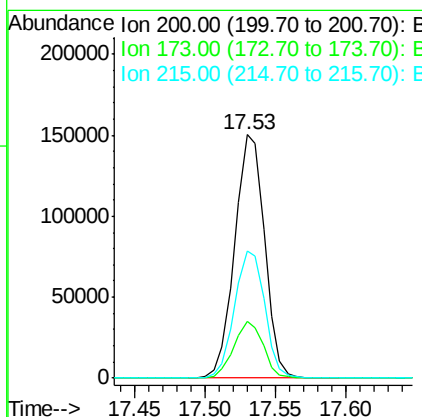
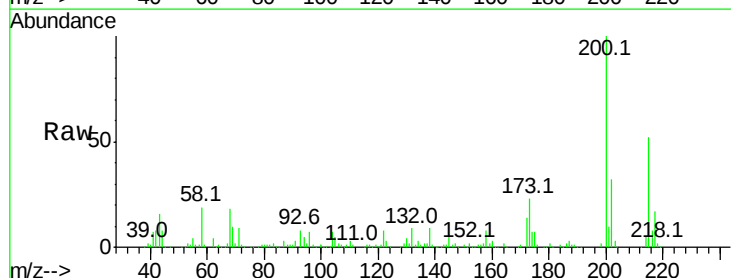
Instrument :
BNA_G
ClientSampleId :

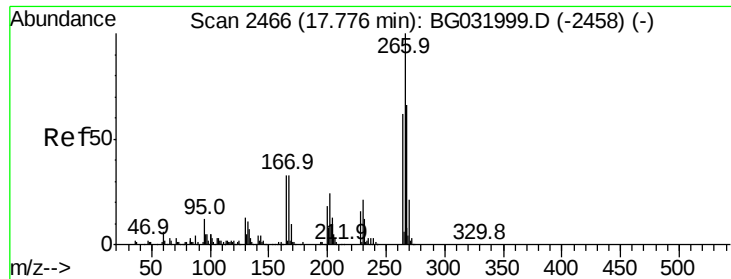
Tot Ion:284 Resp: 236430
Ion Ratio Lower Upper
284 100
142 24.1 26.8 40.2#
249 34.0 26.3 39.5



#68
Atrazine
Concen: 47.366 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

Tgt Ion:200 Resp: 222331
Ion Ratio Lower Upper
200 100
173 23.4 5.2 45.2
215 52.1 30.4 70.4

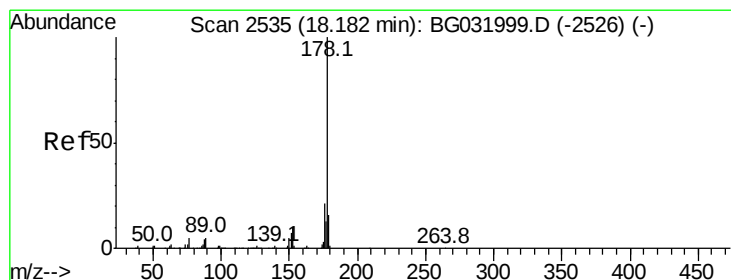
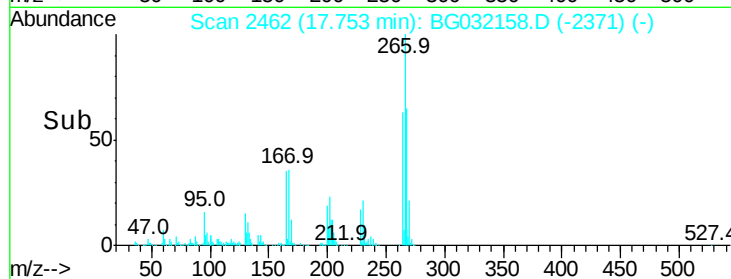
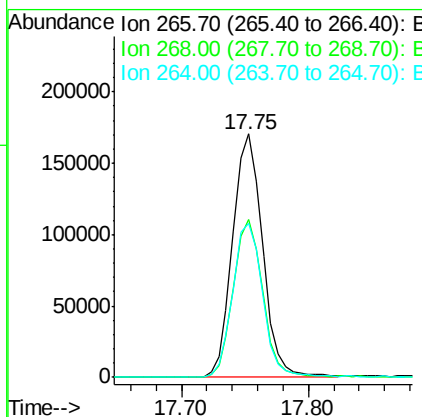
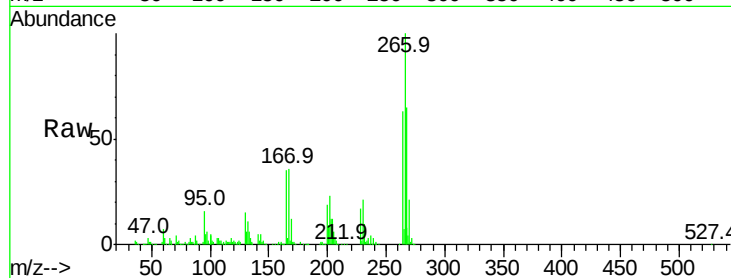




#69
 Pentachlorophenol
 Concen: 75.445 ng
 RT: 17.75 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

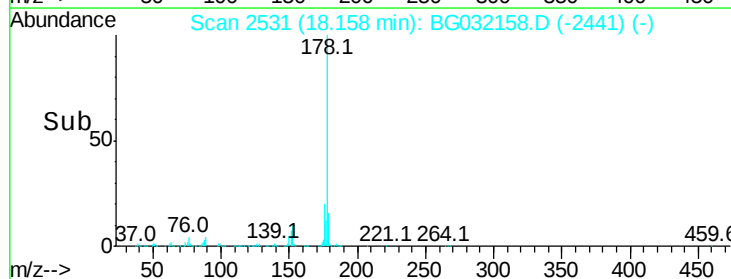
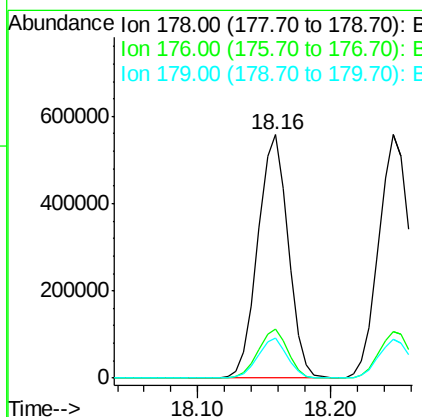
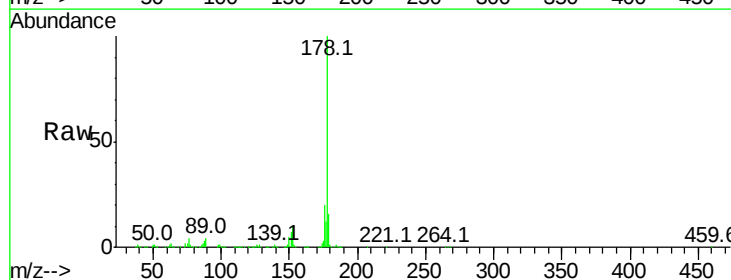
Instrument :
 BNA_G
 ClientSampled :

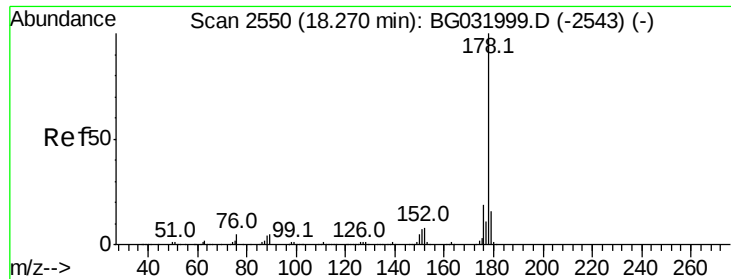
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	63.1	49.6	74.4



#70
 Phenanthrene
 Concen: 42.690 ng
 RT: 18.16 min Scan# 2531
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.3	12.5	18.7

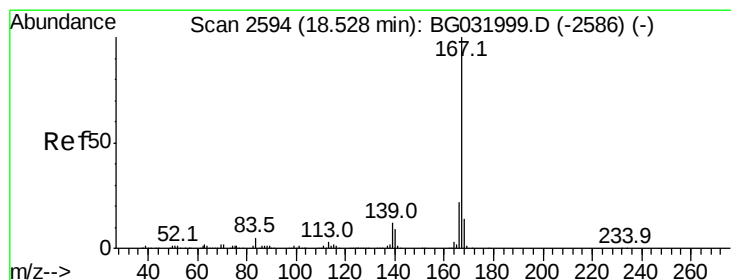
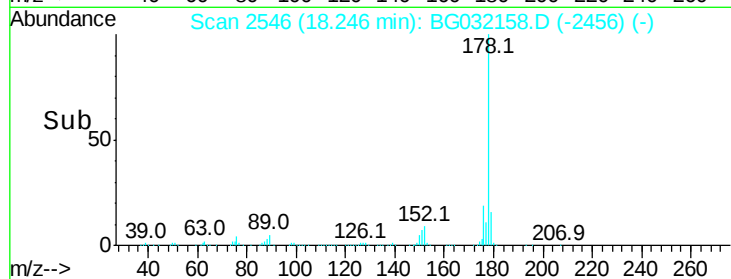
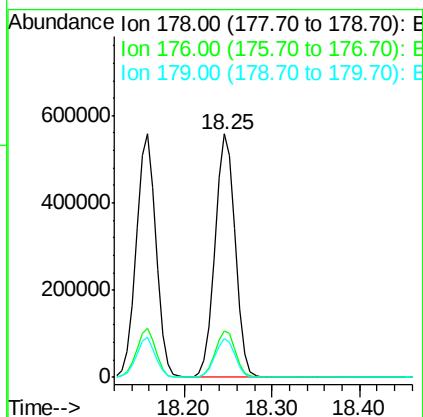
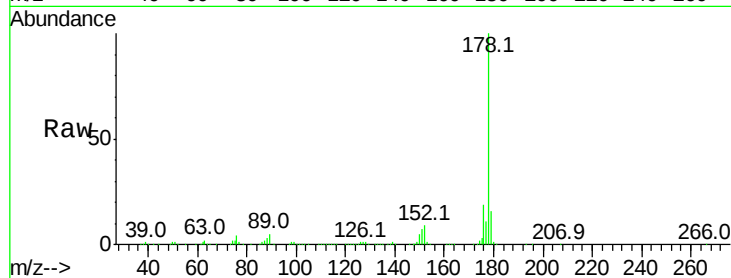




#71
 Anthracene
 Concen: 43.927 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

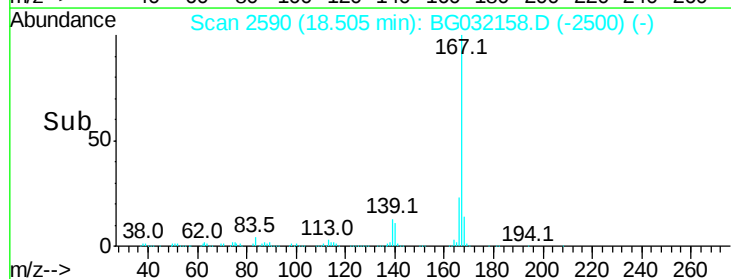
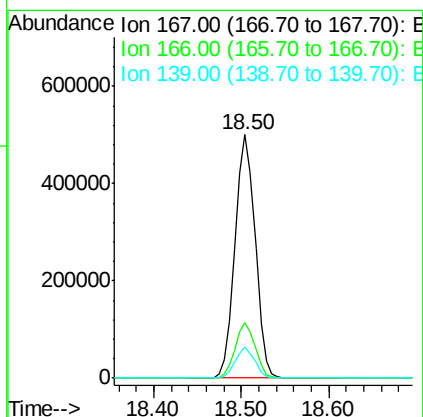
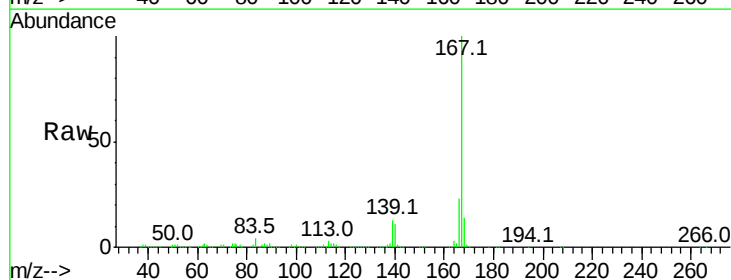
Instrument :
 BNA_G
 ClientSampleId :

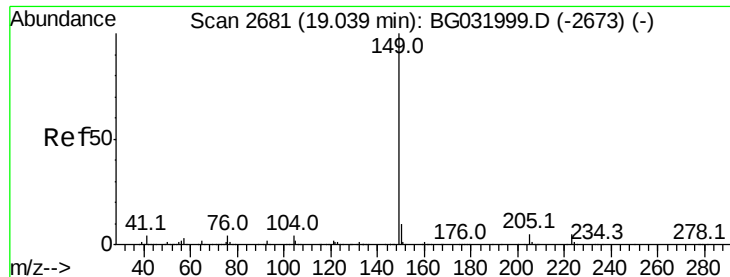
Tot Ion:178 Resp: 897226
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.0 24.0
 179 15.8 12.5 18.7



#72
 Carbazole
 Concen: 43.880 ng
 RT: 18.50 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

Tgt Ion:167 Resp: 777509
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.4
 139 12.6 9.4 14.2





#73

Di-n-butylphthalate

Concen: 42.601 ng

RT: 19.02 min Scan# 2677

Delta R.T. 0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

Instrument :

BNA_G

ClientSampleId :

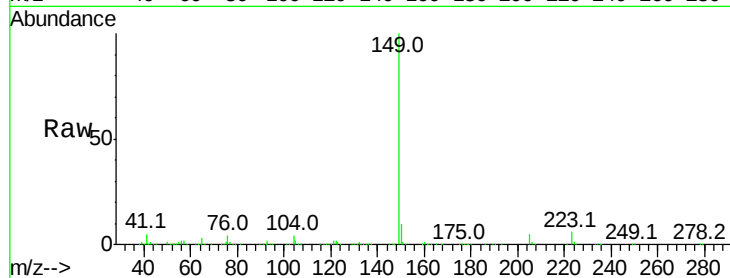
Tot Ion:149 Resp: 891945

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

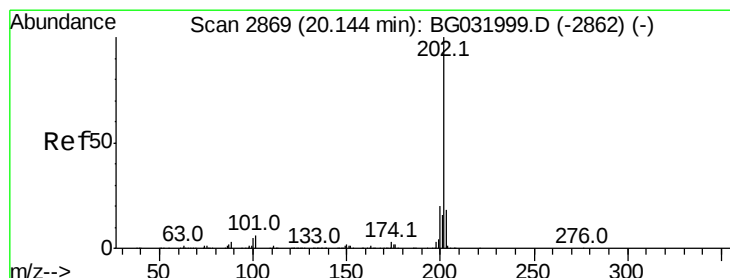
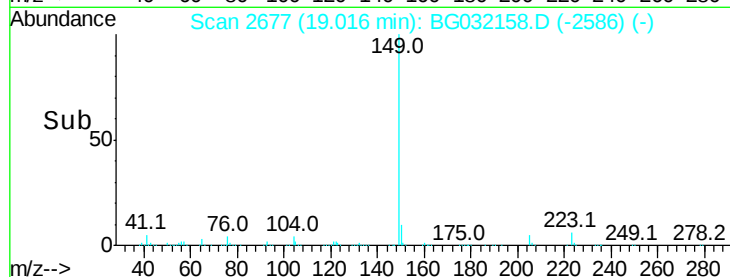
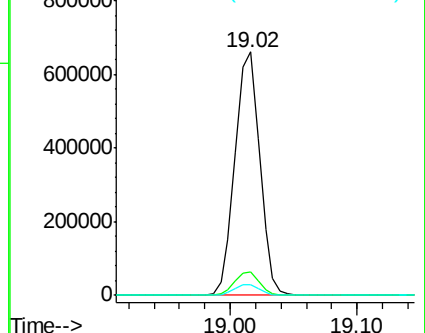
104 4.4 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.250 ng

RT: 20.12 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

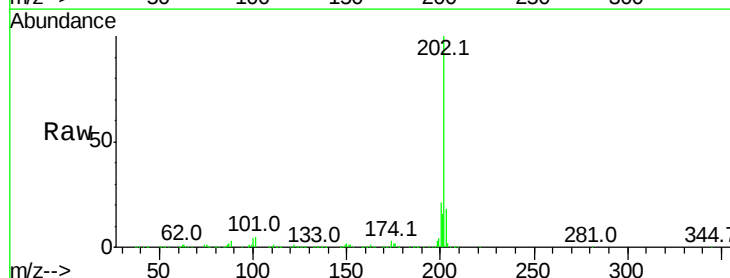
Tgt Ion:202 Resp: 1160234

Ion Ratio Lower Upper

202 100

101 4.7 0.0 28.9

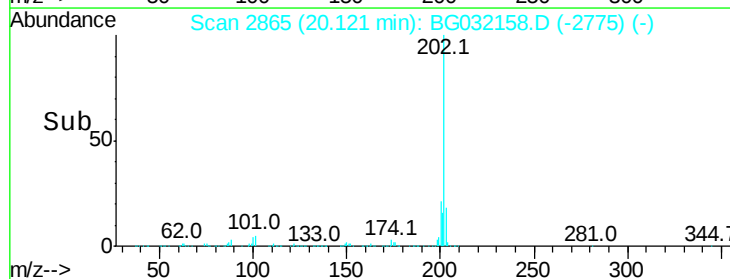
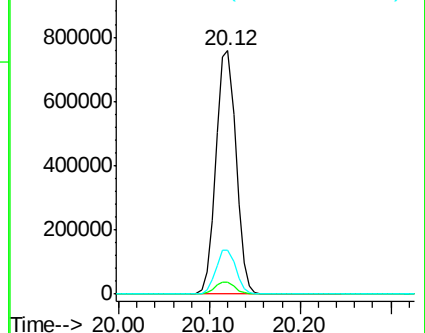
203 18.2 0.0 37.5

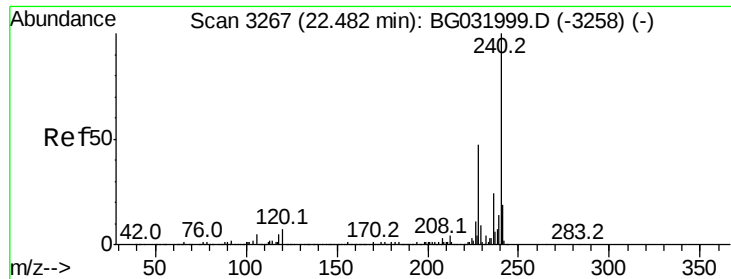


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.45 min Scan# 3262

Delta R.T. 0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

Instrument :

BNA_G

ClientSampleId :

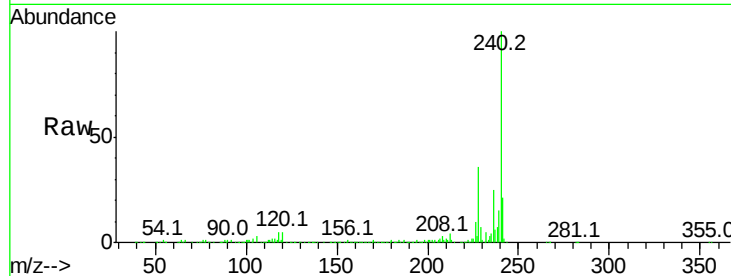
Tot Ion:240 Resp: 437963

Ion Ratio Lower Upper

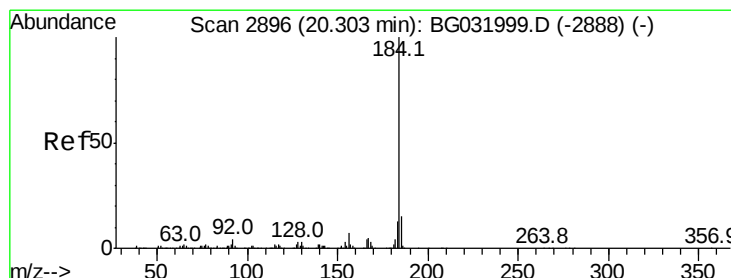
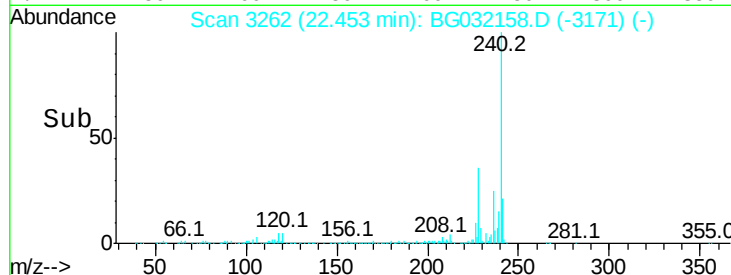
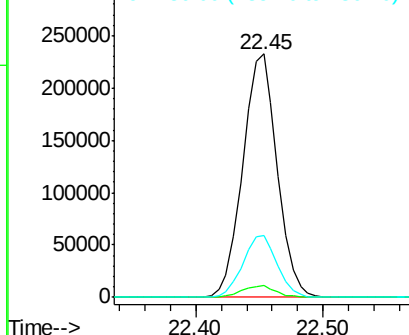
240 100

120 4.8 6.8 10.2#

236 25.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 9.555 ng

RT: 20.28 min Scan# 2892

Delta R.T. 0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

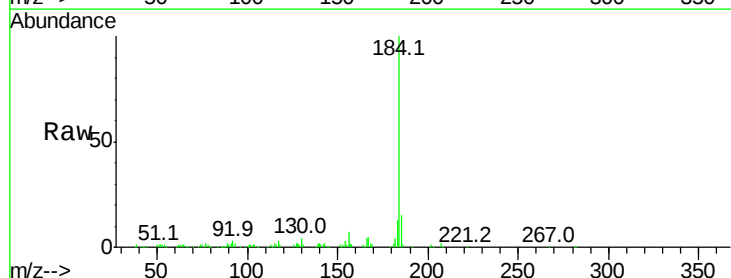
Tgt Ion:184 Resp: 104643

Ion Ratio Lower Upper

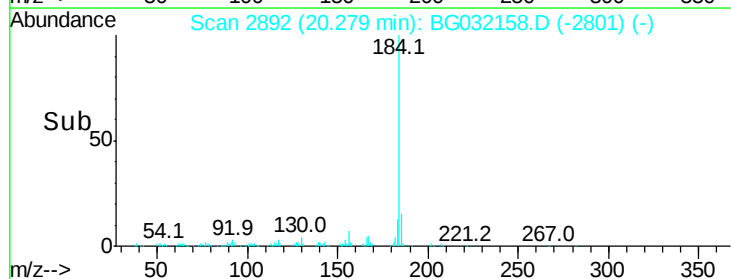
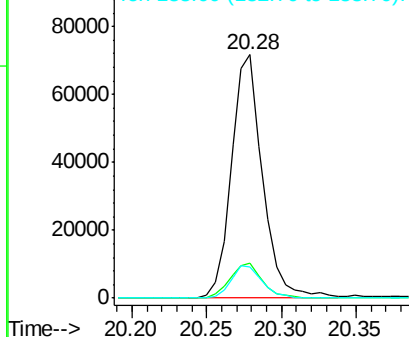
184 100

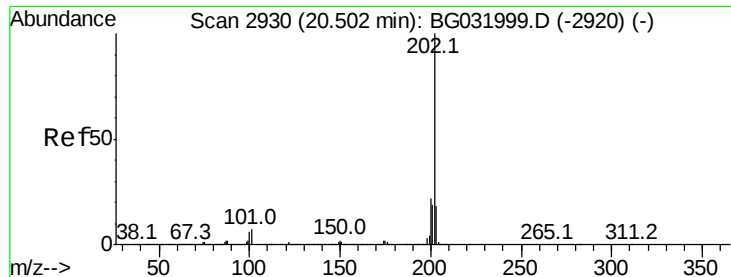
185 14.5 11.1 16.7

183 12.9 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

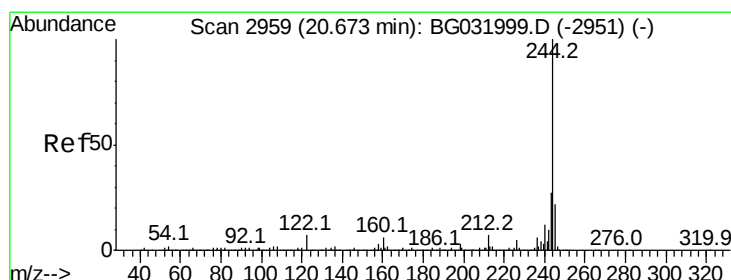
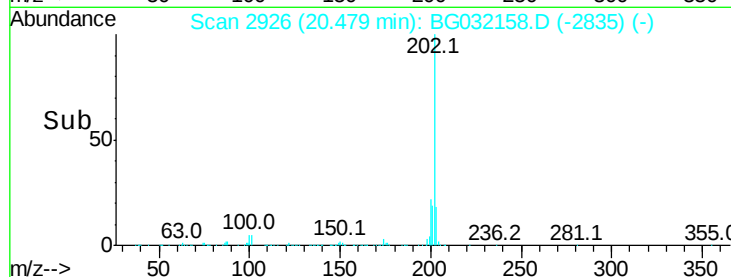
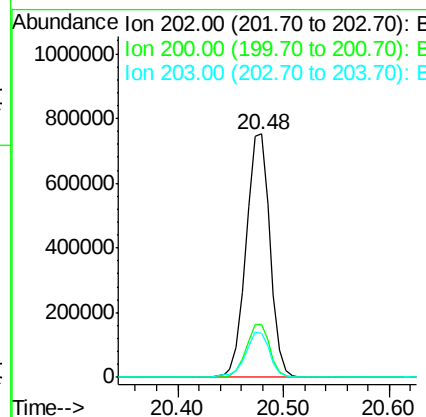
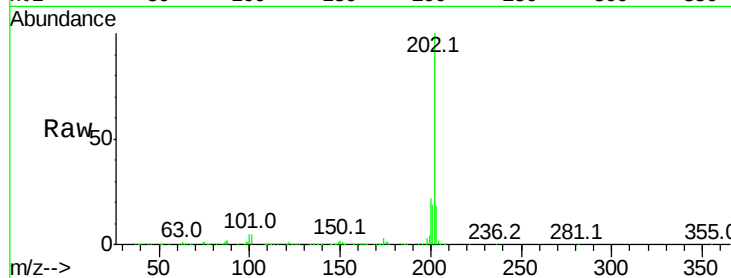




#77
Pvrene
Concen: 42.598 ng
RT: 20.48 min Scan# 2926
Delta R.T. 0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

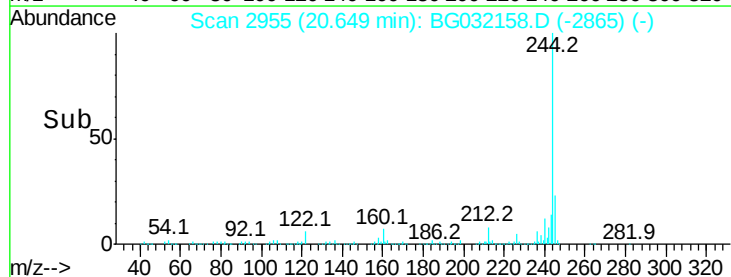
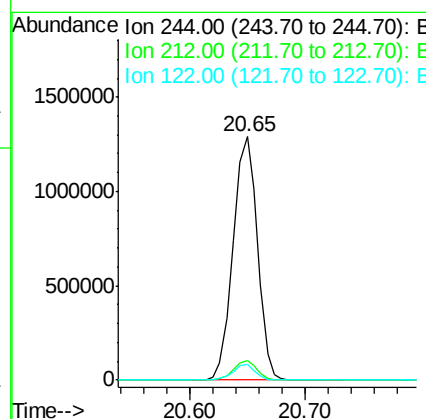
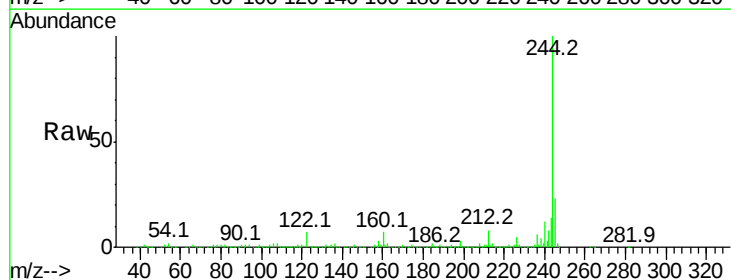
Instrument :
BNA_G
ClientSampleId :

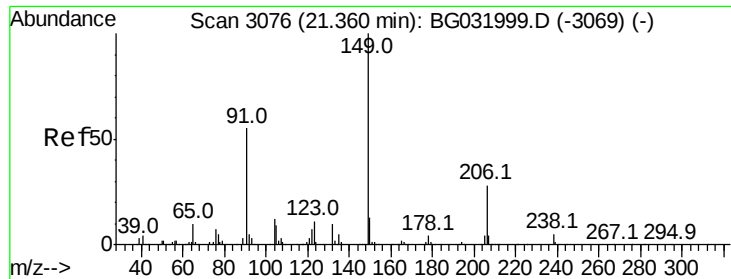
Tot Ion:202 Resp: 1172798
Ion Ratio Lower Upper
202 100
200 21.8 16.9 25.3
203 18.1 13.9 20.9



#78
Terphenyl-d14
Concen: 94.979 ng
RT: 20.65 min Scan# 2955
Delta R.T. -0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

Tgt Ion:244 Resp: 1883899
Ion Ratio Lower Upper
244 100
212 8.3 5.8 8.8
122 6.5 7.0 10.4#

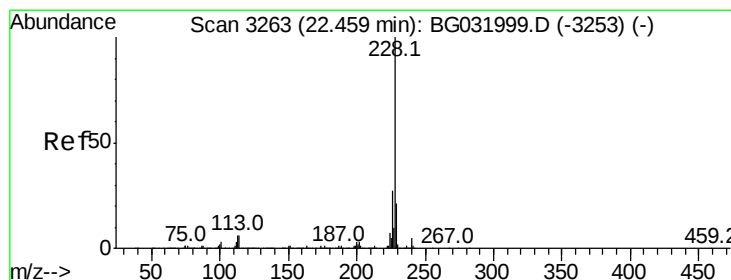
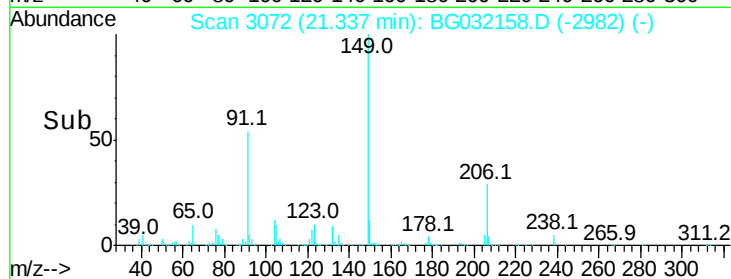
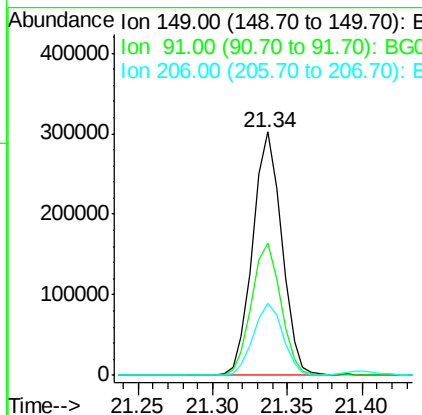
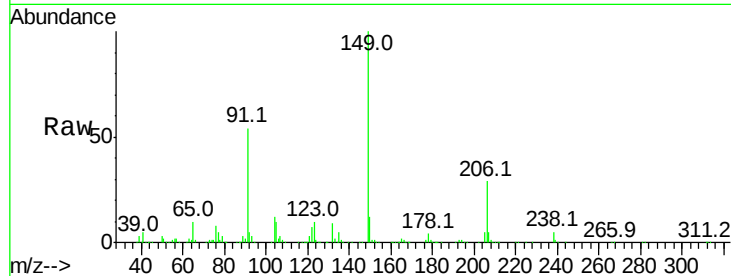




#79
 Butylbenzylphthalate
 Concen: 41.050 ng
 RT: 21.34 min Scan# 3072
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

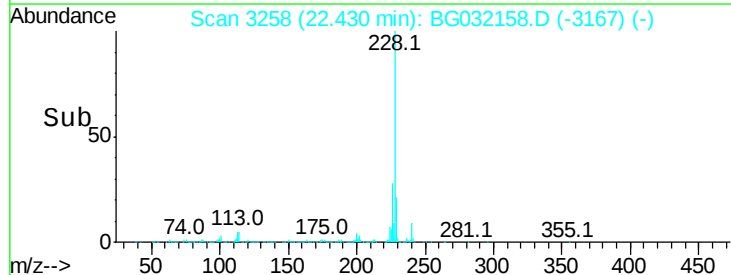
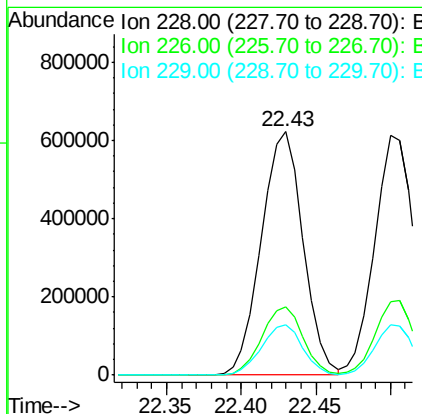
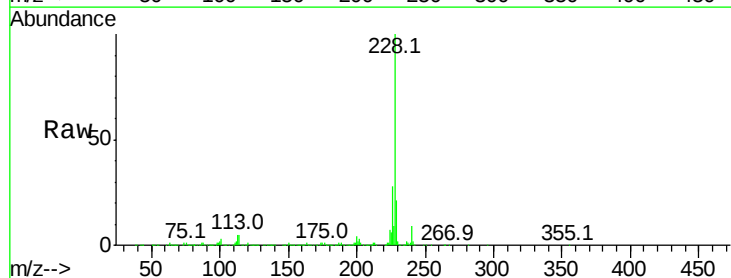
Instrument :
 BNA_G
 ClientSampleId :

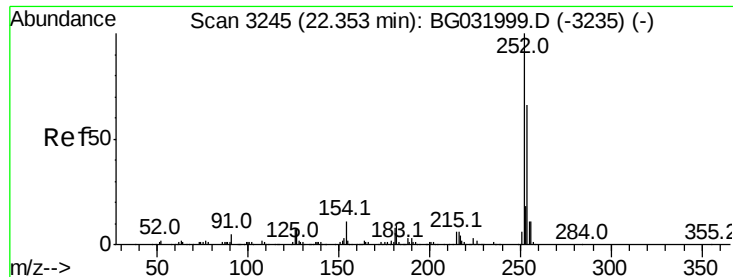
Tot Ion:	149	Resp:	404937
Ion Ratio	Lower	Upper	
149	100		
91	54.4	62.2	93.2#
206	29.5	18.6	27.8#



#80
 Benzo(a)anthracene
 Concen: 44.329 ng
 RT: 22.43 min Scan# 3258
 Delta R.T. 0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

Tgt Ion:	228	Resp:	1207405
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.7	34.1
229	20.6	16.2	24.2

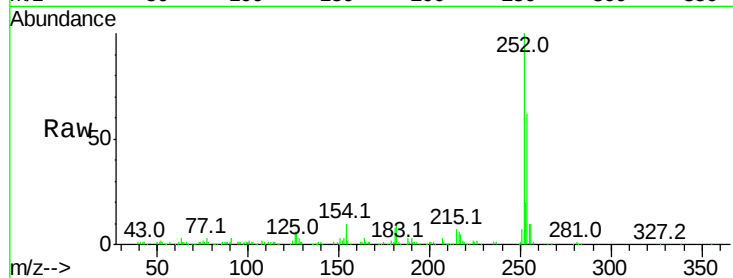




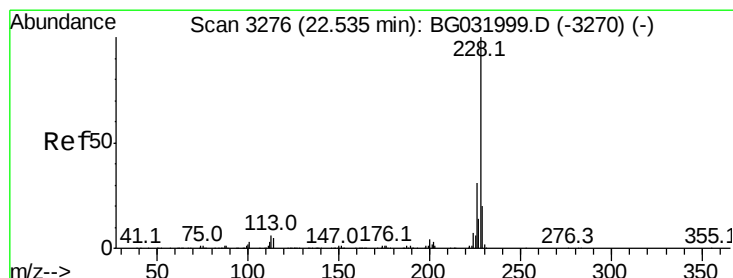
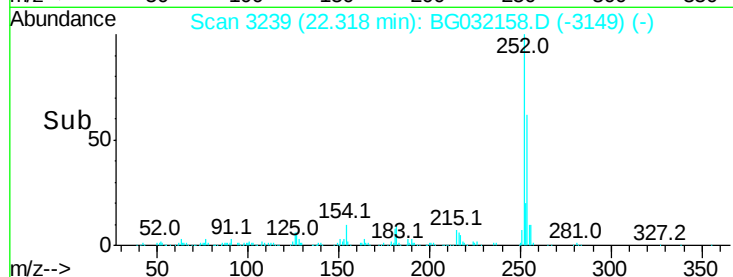
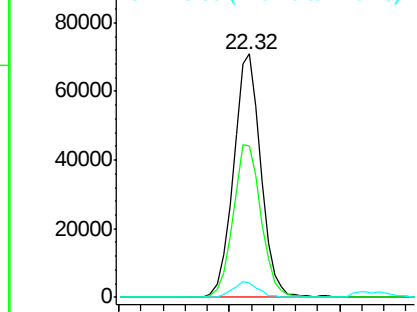
#81
 3,3'-Dichlorobenzidine
 Concen: 12.094 ng
 RT: 22.32 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 123057
 Ion Ratio Lower Upper
 252 100
 254 62.0 50.8 76.2
 126 6.0 7.4 11.2#

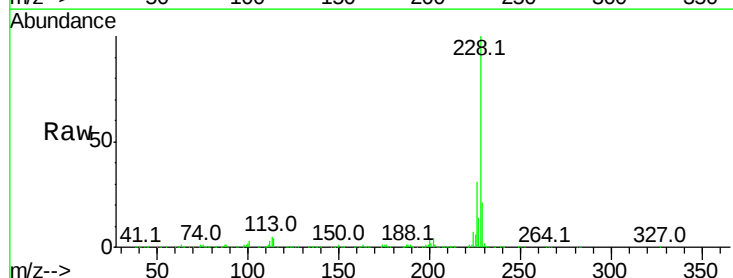


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

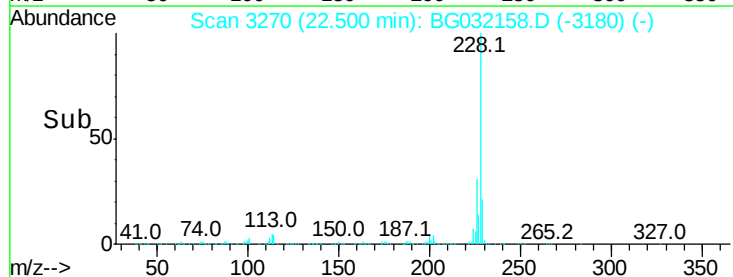
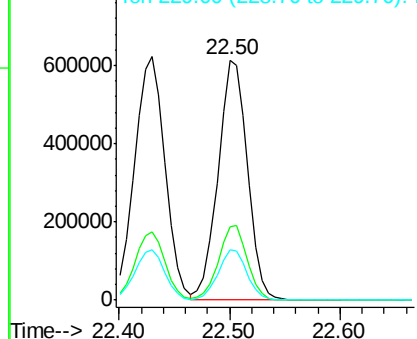


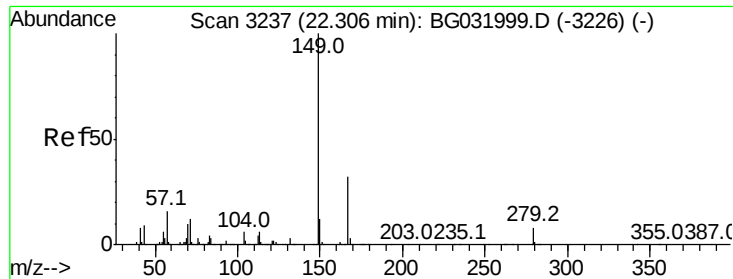
#82
 Chrysene
 Concen: 43.120 ng
 RT: 22.50 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

Tgt Ion:228 Resp: 1127929
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.9 37.3
 229 20.9 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

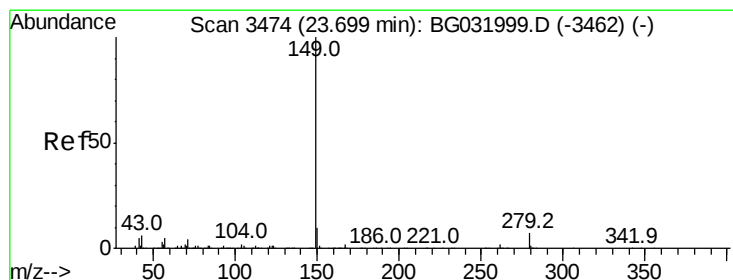
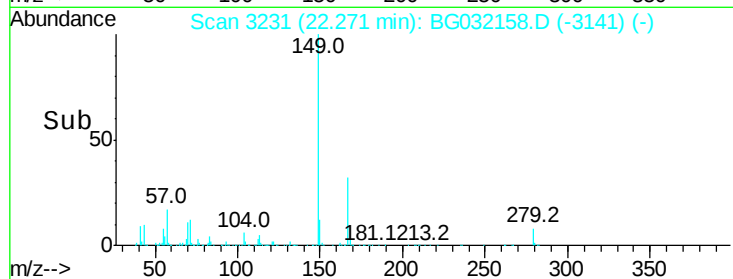
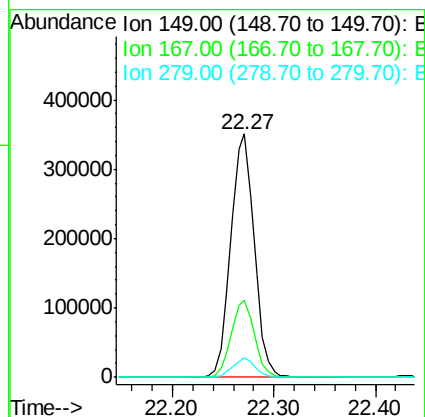
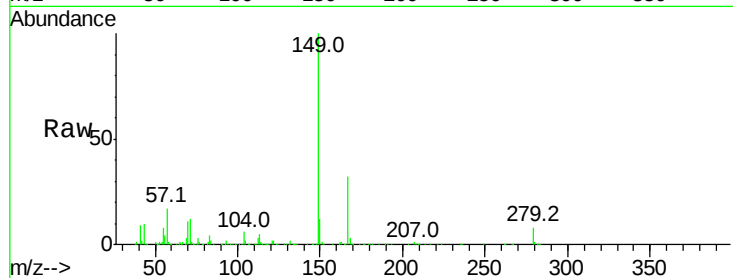




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.867 ng
 RT: 22.27 min Scan# 3231
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

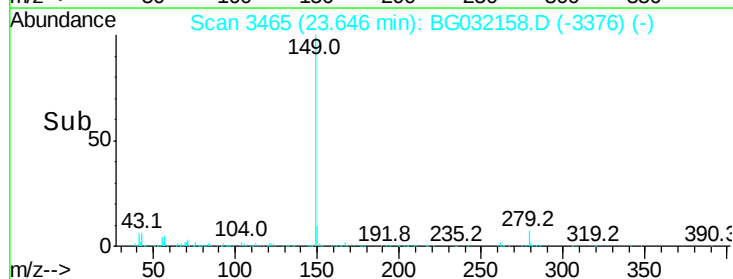
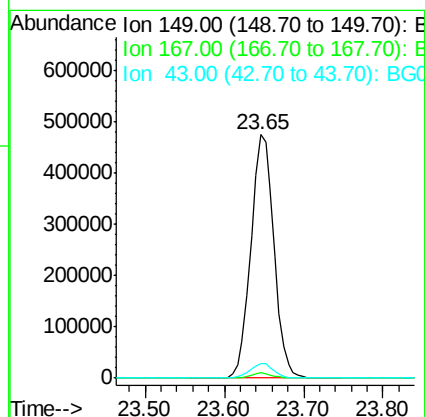
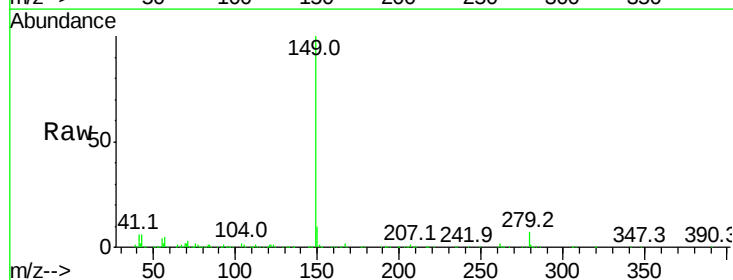
Instrument :
 BNA_G
 ClientSampleId :

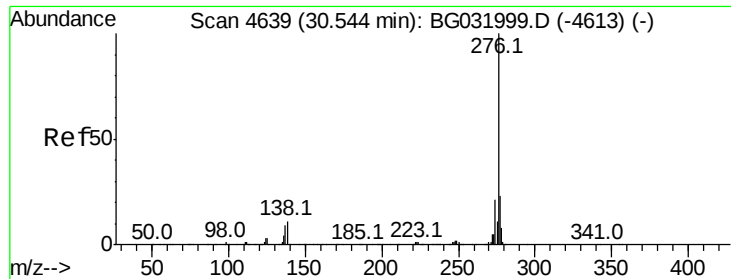
Tot Ion	Ratio	Lower	Upper
149	100		
167	32.0	24.3	36.5
279	8.0	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 41.881 ng
 RT: 23.65 min Scan# 3465
 Delta R.T. -0.01 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	6.1	8.9	13.3

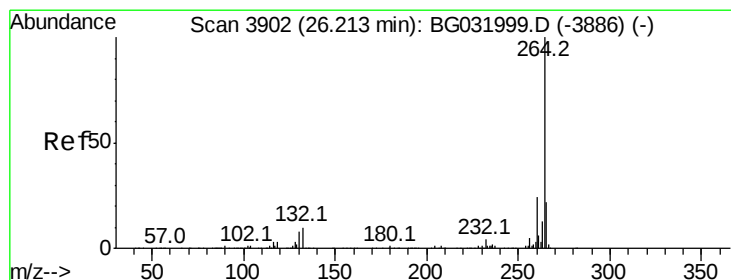
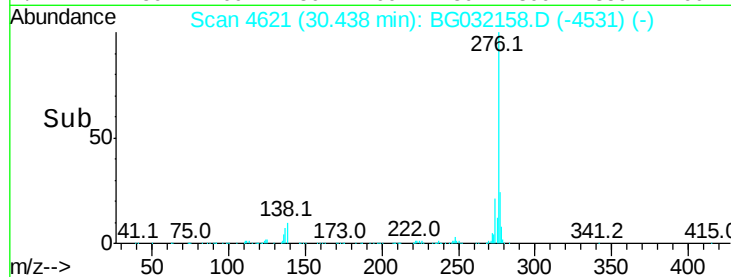
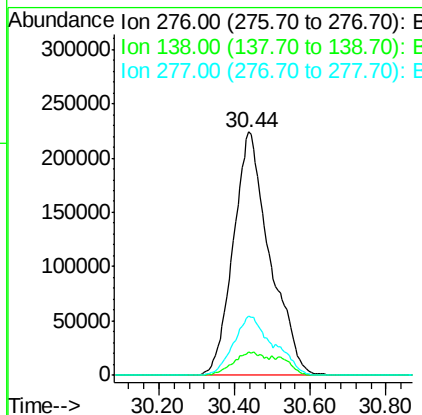
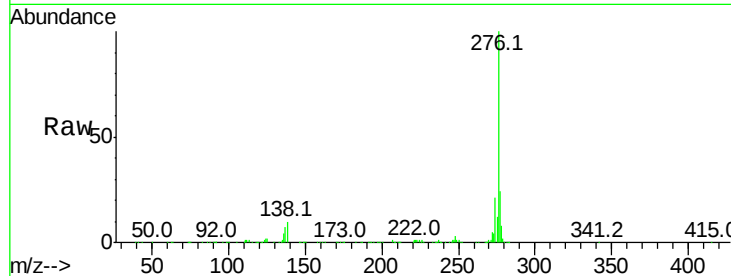




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.815 ng
 RT: 30.44 min Scan# 4621
 Delta R.T. -0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

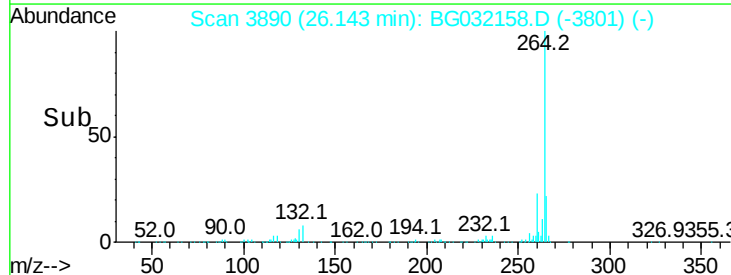
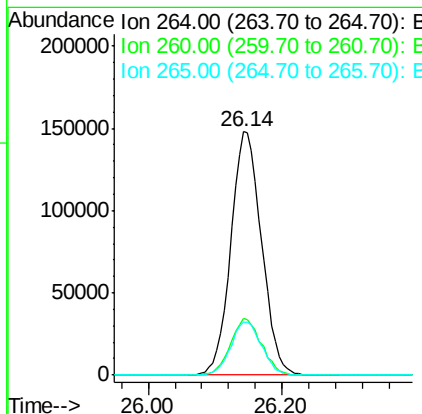
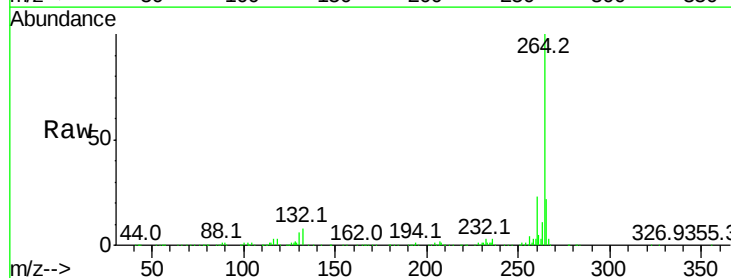
Instrument :
 BNA_G
 ClientSampleId :

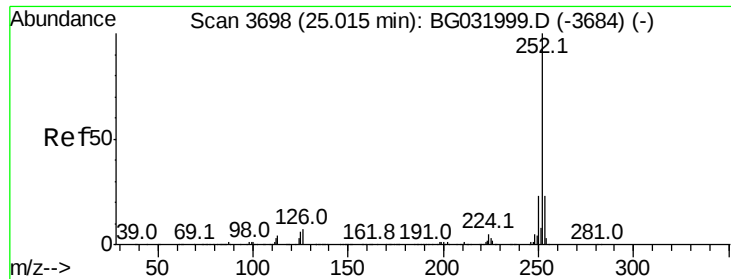
Tot Ion:276 Resp: 1498624
 Ion Ratio Lower Upper
 276 100
 138 8.3 16.0 24.0#
 277 21.2 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.14 min Scan# 3890
 Delta R.T. -0.01 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

Tgt Ion:264 Resp: 472593
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.4 26.0
 265 21.7 17.7 26.5

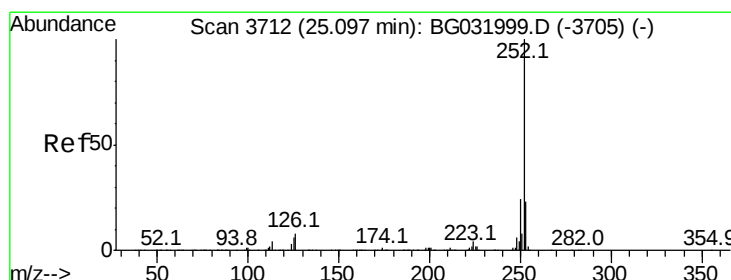
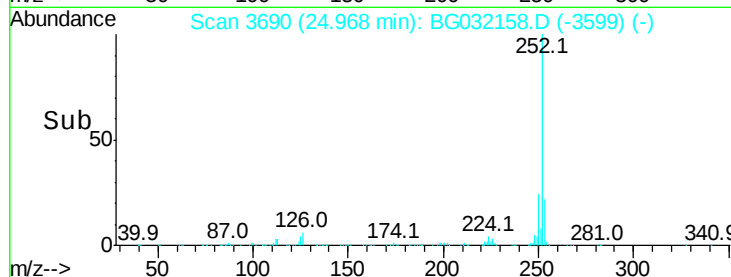
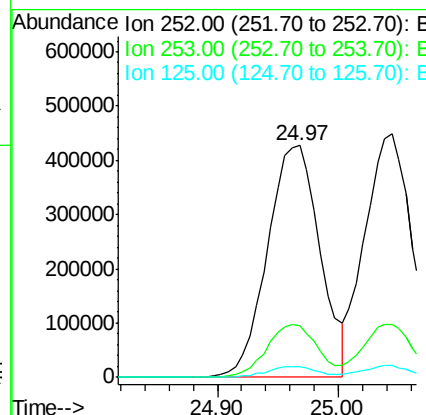
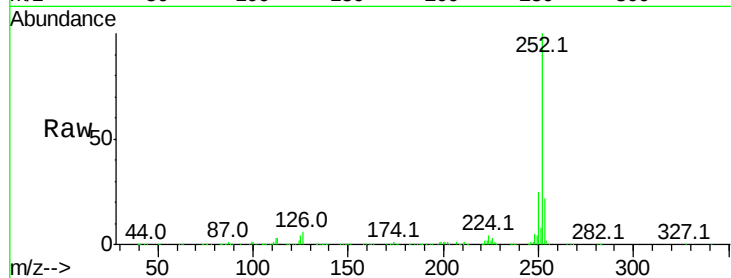




#87
Benzo(b)fluoranthene
Concen: 44.955 ng
RT: 24.97 min Scan# 3690
Delta R.T. 0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

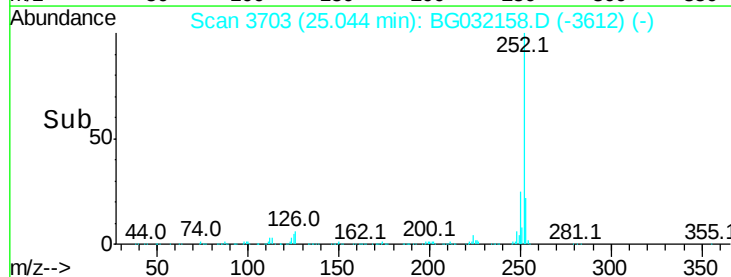
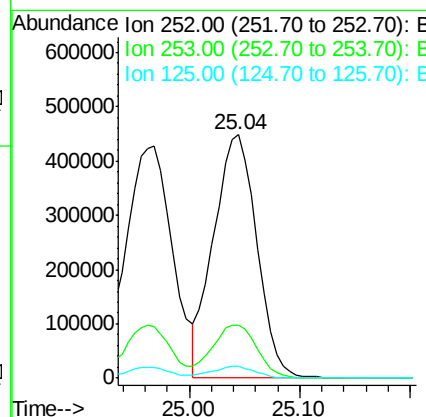
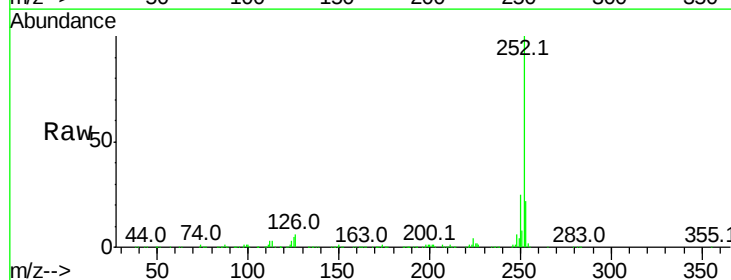
Instrument :
BNA_G
ClientSampleId :

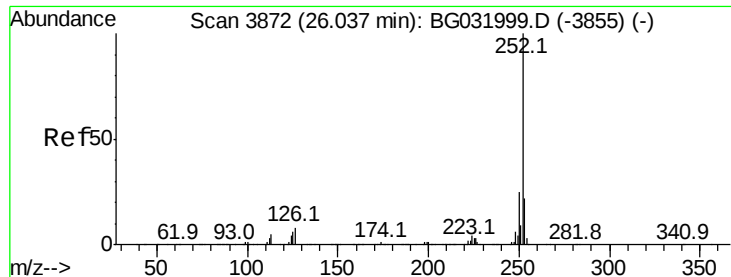
Tot Ion:252 Resp: 1284162
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 4.5 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 43.565 ng
RT: 25.04 min Scan# 3703
Delta R.T. 0.00 min
Lab File: BG032158.D
Acq: 19 Jan 2018 19:06

Tgt Ion:252 Resp: 1216046
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 4.9 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 45.713 ng

RT: 25.98 min Scan# 3862

Delta R.T. 0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

Instrument :

BNA_G

ClientSampleId :

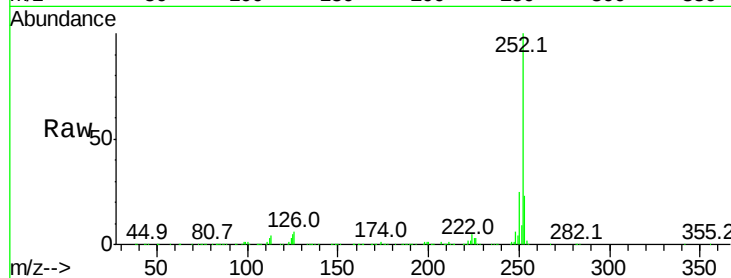
Tot Ion:252 Resp: 1235276

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	4.9	7.3	10.9

252 100

253 22.7 18.3 27.5

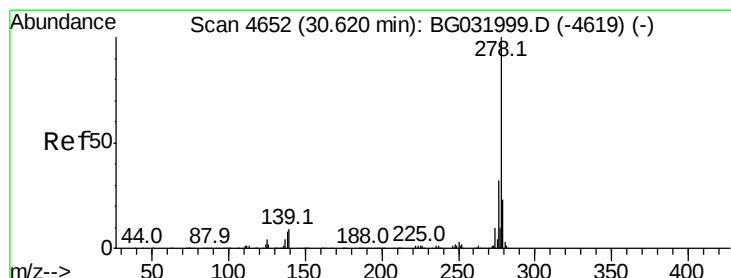
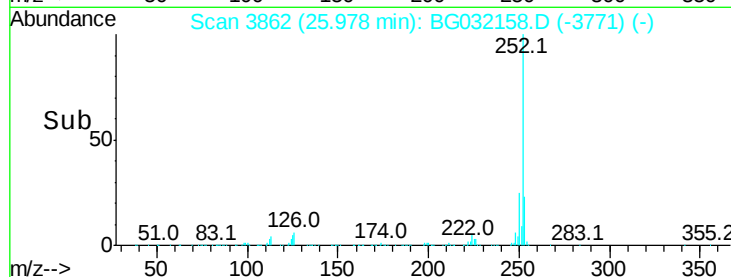
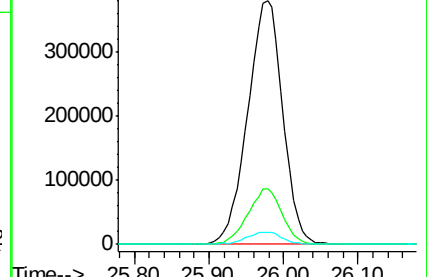
125 4.9 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.777 ng

RT: 30.52 min Scan# 4635

Delta R.T. 0.00 min

Lab File: BG032158.D

Acq: 19 Jan 2018 19:06

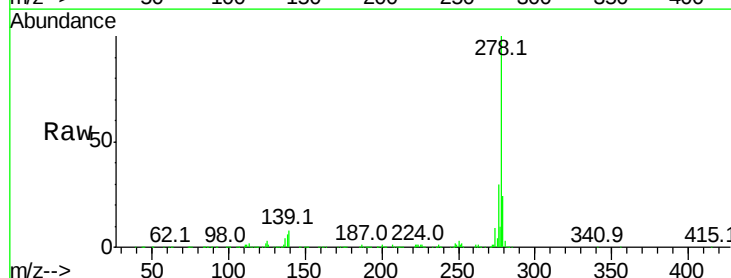
Tgt Ion:278 Resp: 1244099

Ion	Ratio	Lower	Upper
278	100		
139	7.6	9.8	14.6
279	24.4	18.4	27.6

278 100

139 7.6 9.8 14.6

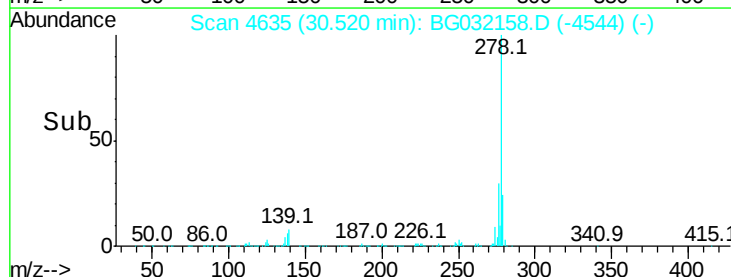
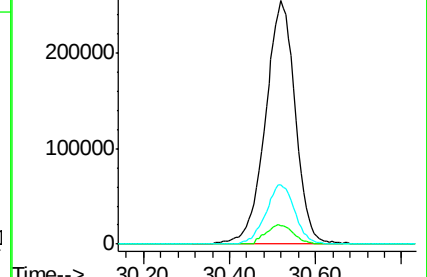
279 24.4 18.4 27.6

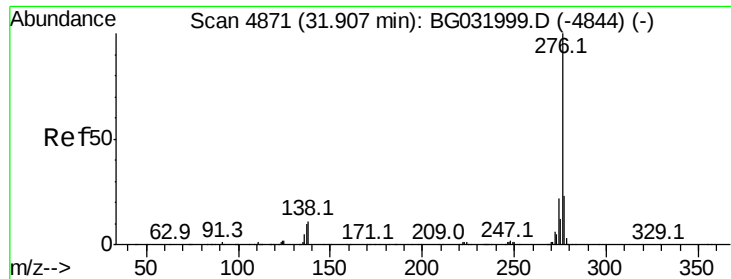


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 46.954 ng
 RT: 31.80 min Scan# 4852
 Delta R.T. 0.00 min
 Lab File: BG032158.D
 Acq: 19 Jan 2018 19:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1249663
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.3 27.5
 138 10.5 13.9 20.9#

