

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032539.D
 Acq On : 5 Feb 2018 18:25
 Operator : SJ/JU
 Sample : J1161-01
 Misc : LOD 8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 03:20:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	17529	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	64942	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	44810	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	117140	20.00	ng	0.00
75) Chrysene-d12	22.40	240	156217	20.00	ng	-0.01
86) Perylene-d12	26.07	264	172119	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	103587	118.69	ng	0.00
7) Phenol-d6	7.83	99	114407	98.24	ng	0.00
23) Nitrobenzene-d5	9.91	82	68898	66.27	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	108077	126.71	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	257231	68.23	ng	-0.01
78) Terphenyl-d14	20.62	244	547008	75.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.81	88	1603	5.459	ng	# 64
3) Pyridine	4.27	79	4213	5.314	ng	90
8) 2-Chlorophenol	8.26	128	6494	6.295	ng	93
9) Benzaldehyde	7.82	77	3417	5.681	ng	86
10) Phenol	7.85	94	6185	5.593	ng	85
11) bis(2-Chloroethyl)ether	8.10	93	4310	5.115	ng	85
12) 1,3-Dichlorobenzene	8.59	146	6874	4.927	ng	# 89
13) 1,4-Dichlorobenzene	8.74	146	7476	5.346	ng	# 77
14) 1,2-Dichlorobenzene	9.08	146	6847	4.999	ng	# 91
15) Benzyl Alcohol	8.95	79	3737	3.894	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	9.24	45	3581	4.485	ng	56
17) 2-Methylphenol	9.16	107	4096	4.560	ng	# 63
18) Hexachloroethane	9.82	117	2230	4.750	ng	# 82
19) n-Nitroso-di-n-propylamine	9.52	70	2928	3.792	ng	# 79
20) 3+4-Methylphenols	9.49	107	5490	4.357	ng	91
22) Acetophenone	9.55	105	6910	4.539	ng	# 90
24) Nitrobenzene	9.95	77	4997	4.970	ng	97
25) Isophorone	10.46	82	9991	5.643	ng	# 73
26) 2-Nitrophenol	10.68	139	2953	4.859	ng	# 80
27) 2,4-Dimethylphenol	10.72	122	4773	5.472	ng	87
28) bis(2-Chloroethoxy)methane	10.96	93	5409	5.572	ng	95
29) 2,4-Dichlorophenol	11.22	162	5845	5.058	ng	87
30) 1,2,4-Trichlorobenzene	11.44	180	7534	4.892	ng	87
31) Naphthalene	11.64	128	17006	5.362	ng	96
32) Benzoic acid	10.85	122	583	8.043	ng	# 25
34) Hexachlorobutadiene	11.90	225	5672	4.733	ng	# 84
35) Caprolactam	12.46	113	1458	4.395	ng	# 42
36) 4-Chloro-3-methylphenol	12.82	107	5668	5.171	ng	97
37) 2-Methylnaphthalene	13.21	142	14384	5.398	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	9409	4.488	ng	# 92
40) Hexachlorocyclopentadiene	13.53	237	4902	3.743	ng	92
42) 2,4,6-Trichlorophenol	13.78	196	5810	5.095	ng	89
43) 2,4,5-Trichlorophenol	13.87	196	5935	4.465	ng	# 89
45) 1,1'-Biphenyl	14.18	154	20334	5.371	ng	94

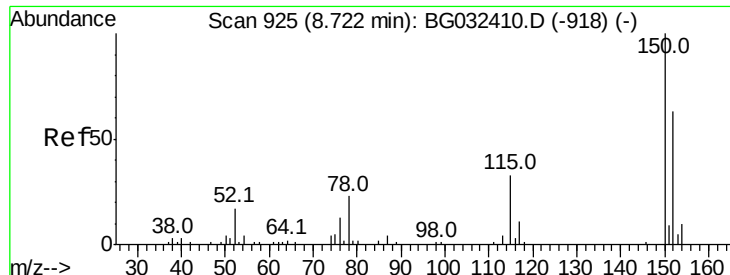
Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032539.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	14.24	162	15267	5.145	nq	95
47) 2-Nitroaniline	14.42	65	3445	5.250	nq	94
48) Acenaphthylene	15.07	152	23437	5.225	nq	99
49) Dimethylphthalate	14.77	163	20601	4.986	nq	# 98
50) 2,6-Dinitrotoluene	14.90	165	4293	4.950	nq	90
51) Acenaphthene	15.40	154	14537	4.673	nq	97
52) 3-Nitroaniline	15.24	138	2561	3.381	nq	# 53
53) 2,4-Dinitrophenol	15.48	184	54	4.199	nq	# 1
54) Dibenzofuran	15.74	168	24776	5.381	nq	93
56) 2,4-Dinitrotoluene	15.68	165	5999	4.859	nq	# 77
57) Fluorene	16.38	166	19819	5.180	nq	# 97
58) 2,3,4,6-Tetrachlorophenol	15.95	232	7003	5.342	nq	# 80
59) Diethylphthalate	16.11	149	20582	5.115	nq	94
60) 4-Chlorophenyl-phenylether	16.36	204	12675	5.253	nq	88
61) 4-Nitroaniline	16.40	138	3921	4.830	nq	# 78
62) Azobenzene	16.65	77	12783	5.316	nq	# 76
65) n-Nitrosodiphenylamine	16.57	169	19037	5.446	nq	# 91
66) 4-Bromophenyl-phenylether	17.25	248	9065	5.224	nq	88
67) Hexachlorobenzene	17.38	284	11103	5.781	nq	# 78
68) Atrazine	17.49	200	8529	5.683	nq	96
69) Pentachlorophenol	17.71	266	3133	2.604	nq	# 53
70) Phenanthrene	18.12	178	35382	5.416	nq	99
71) Anthracene	18.21	178	36269	5.576	nq	94
72) Carbazole	18.47	167	30337	5.279	nq	96
73) Di-n-butylphthalate	18.98	149	36293	5.704	nq	98
74) Fluoranthene	20.09	202	45800	5.346	nq	92
77) Pyrene	20.44	202	46484	4.851	nq	99
79) Butylbenzylphthalate	21.29	149	16441	5.440	nq	# 79
80) Benzo(a)anthracene	22.38	228	52289	5.399	nq	95
81) 3,3'-Dichlorobenzidine	22.27	252	10333	2.754	nq	# 82
82) Chrysene	22.46	228	47235	5.050	nq	95
83) Bis(2-ethylhexyl)phthalate	22.22	149	23502	5.484	nq	# 97
84) Di-n-octyl phthalate	23.58	149	42076	6.191	nq	# 91
85) Indeno(1,2,3-cd)pyrene	30.31	276	64671	5.466	nq	# 57
87) Benzo(b)fluoranthene	24.89	252	55428	5.330	nq	95
88) Benzo(k)fluoranthene	24.89	252	55428	5.380	nq	98
89) Benzo(a)pyrene	25.89	252	53436	5.390	nq	# 88
90) Dibenzo(a,h)anthracene	30.39	278	56439	5.565	nq	# 94
91) Benzo(g,h,i)perylene	31.65	276	53622	5.326	nq	# 89

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

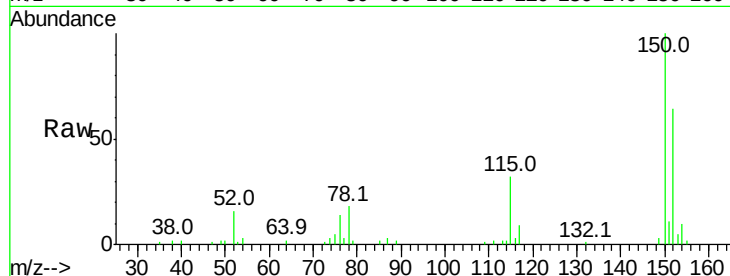


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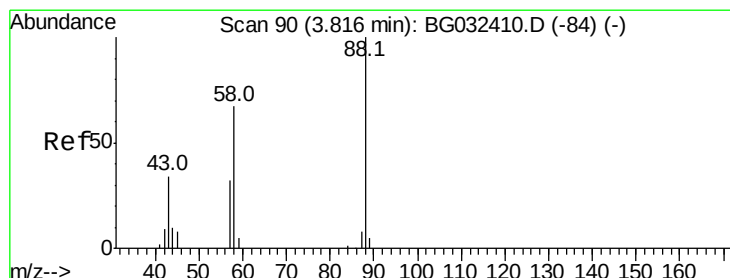
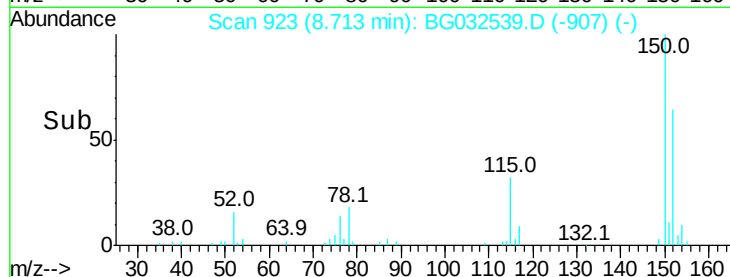
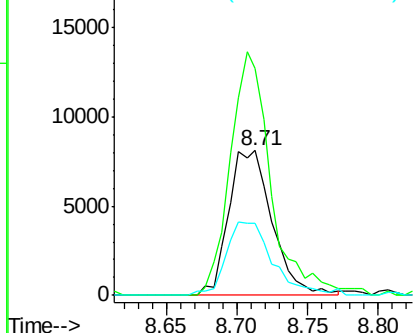
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032539.D
Acq: 5 Feb 2018 18:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 17529
Ion Ratio Lower Upper
152 100
150 156.8 126.6 189.8
115 49.7 53.0 79.4#



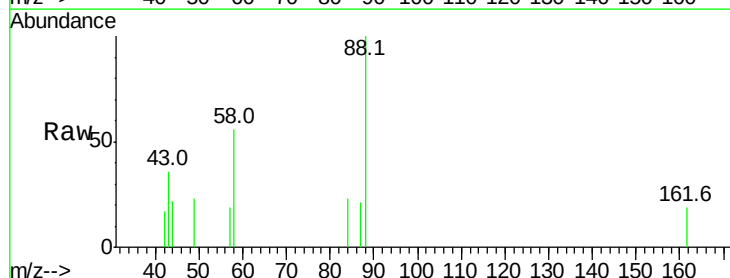
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



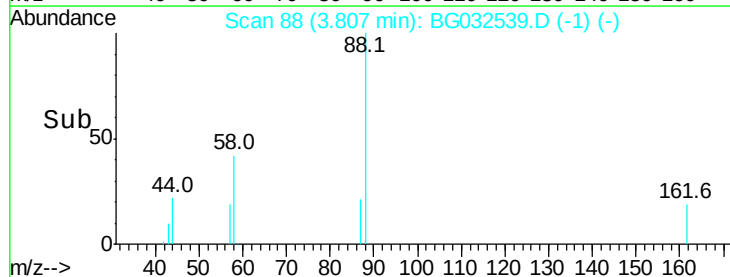
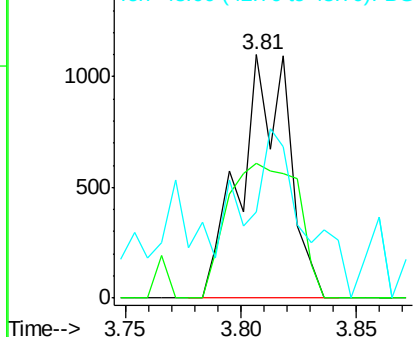
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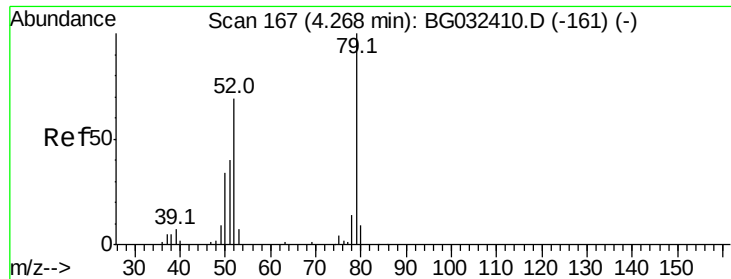
1,4-Dioxane
Concen: 5.459 ng
RT: 3.81 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG032539.D
Acq: 5 Feb 2018 18:25

Tgt Ion: 88 Resp: 1603
Ion Ratio Lower Upper
88 100
58 80.9 79.6 119.4
43 84.7 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: 5.314 ng

RT: 4.27 min Scan# 166

Delta R.T. -0.00 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Instrument :

BNA_G

ClientSampleId :

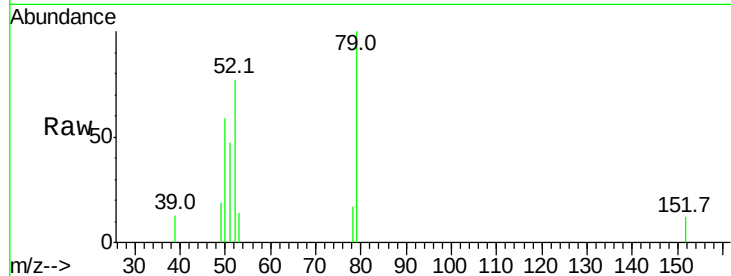
Tot Ion: 79 Resp: 4213

Ion Ratio Lower Upper

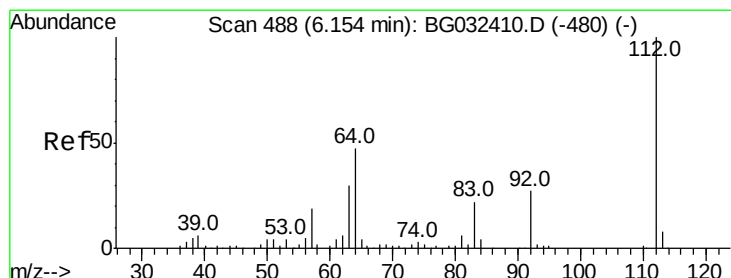
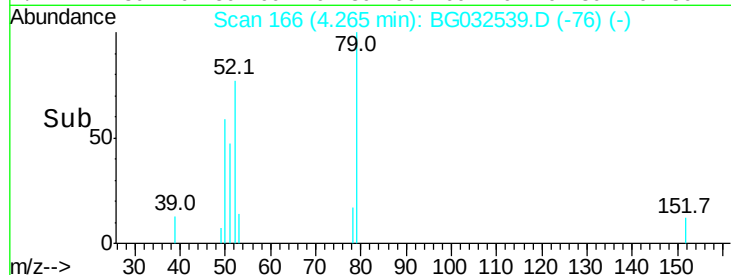
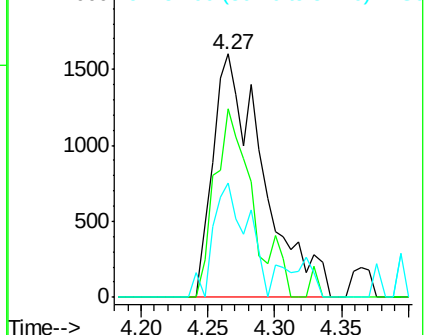
79 100

52 77.2 69.9 104.9

51 46.8 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#5

2-Fluorophenol

Concen: 118.695 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

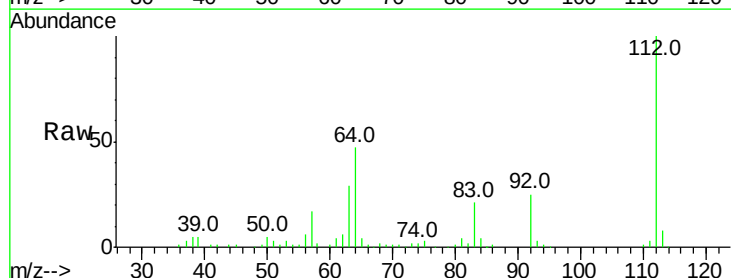
Tgt Ion: 112 Resp: 103587

Ion Ratio Lower Upper

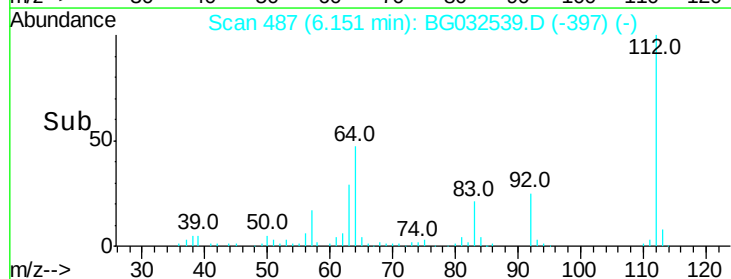
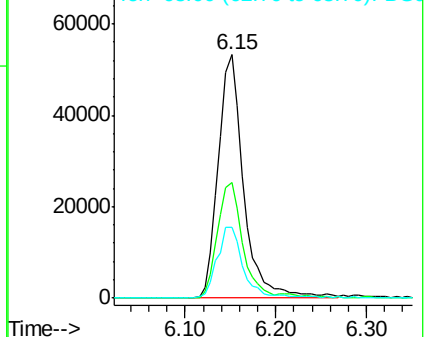
112 100

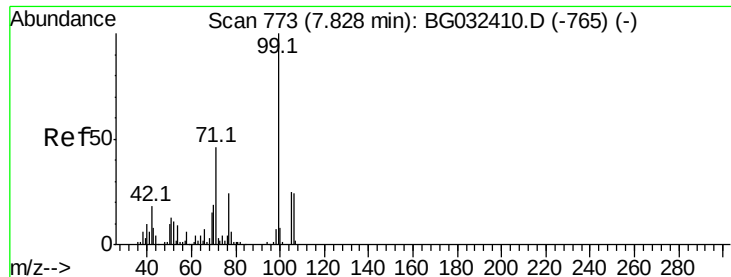
64 47.2 56.3 84.5#

63 29.2 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





#7

Phenol-d6

Concen: 98.240 ng

RT: 7.83 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Instrument :

BNA_G

ClientSampled :

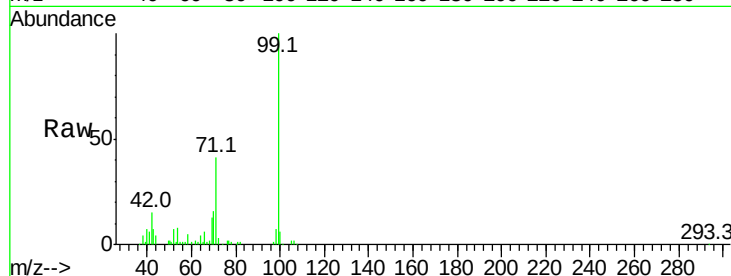
Tot Ion: 99 Resp: 114407

Ion Ratio Lower Upper

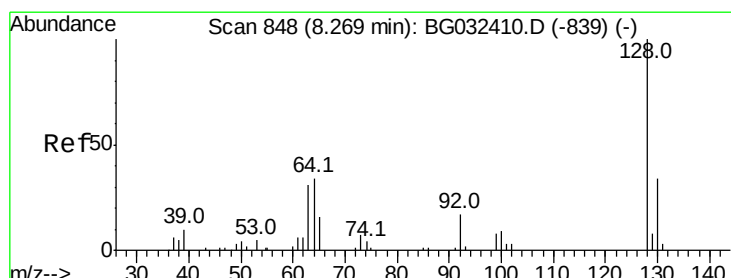
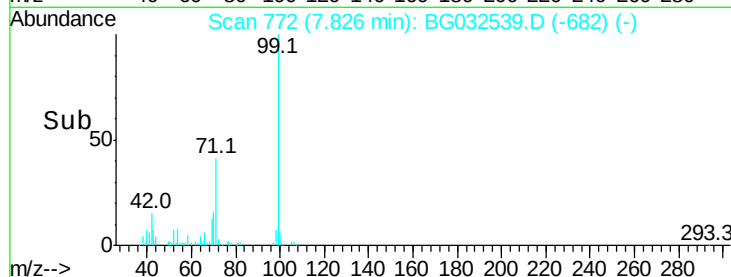
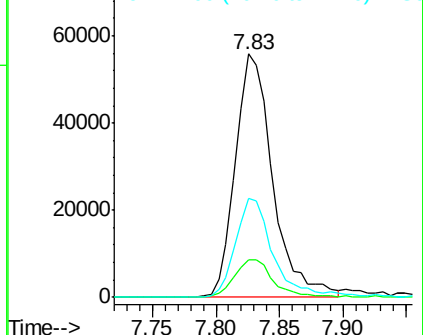
99 100

42 15.3 14.1 21.1

71 40.7 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 6.295 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

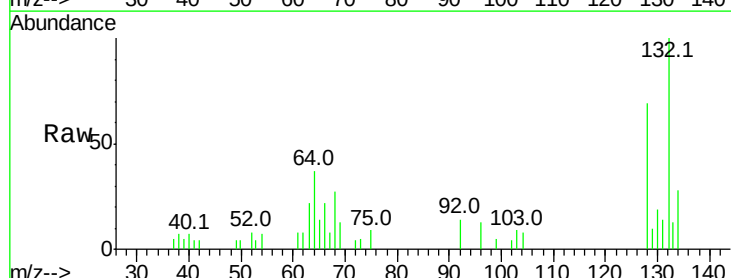
Tgt Ion: 128 Resp: 6494

Ion Ratio Lower Upper

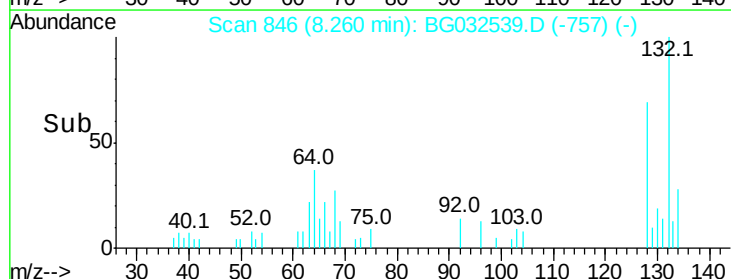
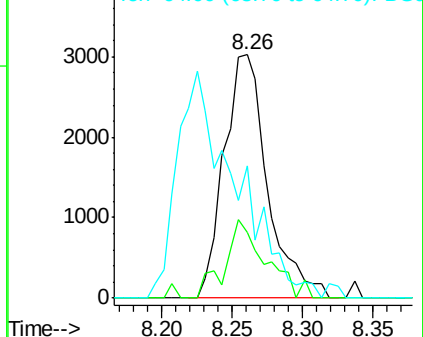
128 100

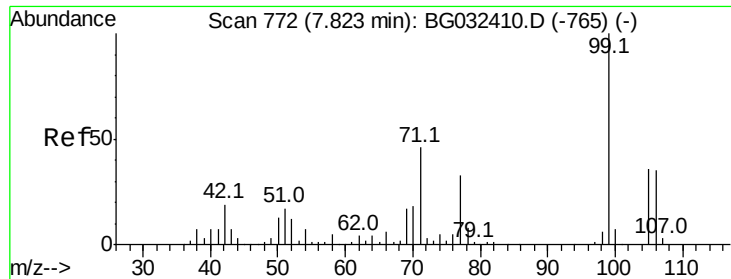
130 27.1 14.0 54.0

64 54.2 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 5.681 ng

RT: 7.82 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Instrument :

BNA_G

ClientSampled :

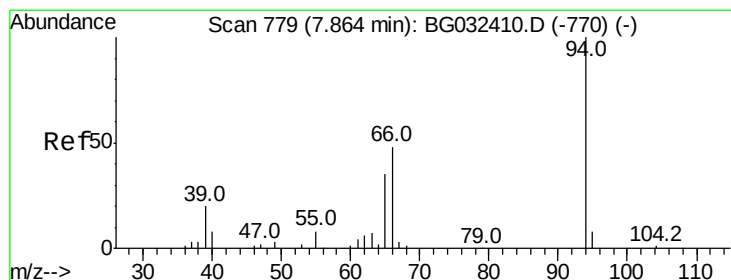
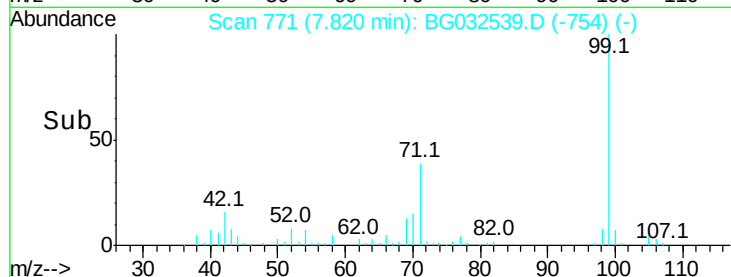
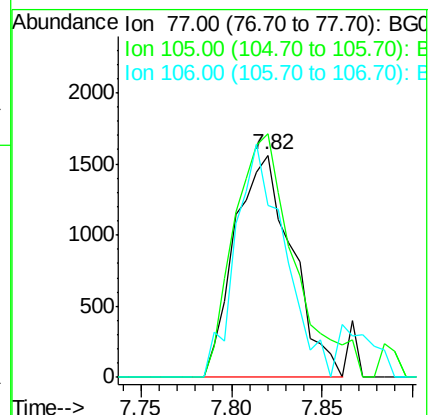
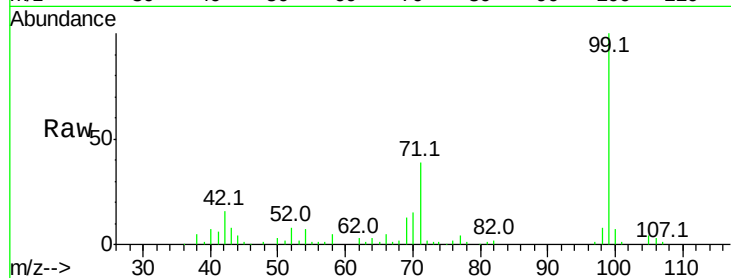
Tot Ion: 77 Resp: 3417

Ion Ratio Lower Upper

77 100

105 109.6 71.3 111.3

106 77.5 64.2 104.2



#10

Phenol

Concen: 5.593 ng

RT: 7.85 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

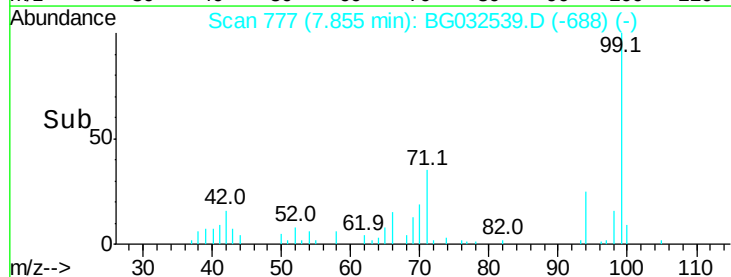
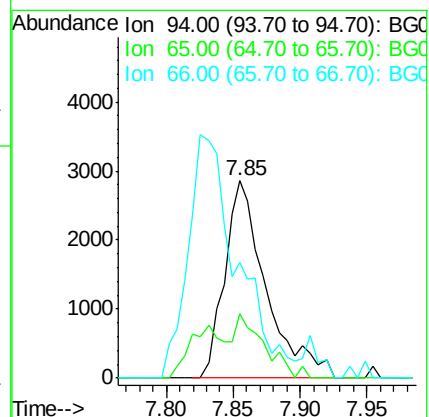
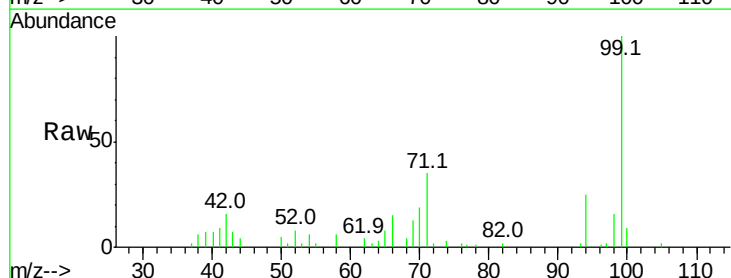
Tgt Ion: 94 Resp: 6185

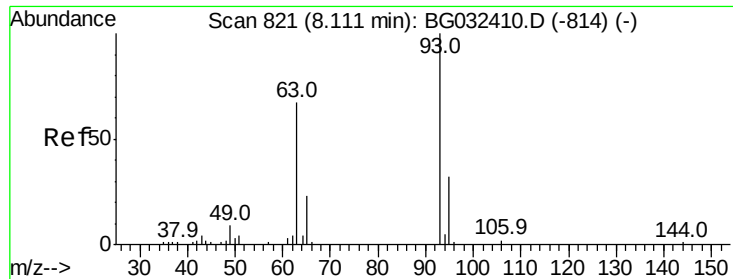
Ion Ratio Lower Upper

94 100

65 32.9 11.9 51.9

66 58.5 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 5.115 ng

RT: 8.10 min Scan# 818

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Instrument :

BNA_G

ClientSampleId :

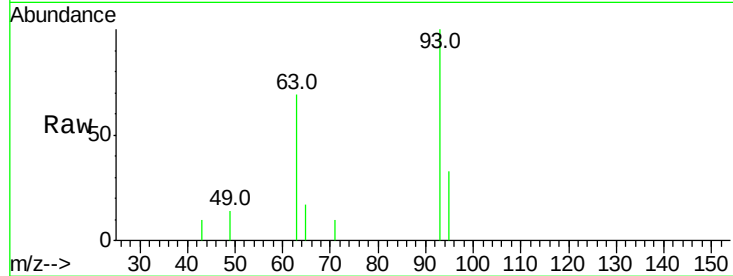
Tot Ion: 93 Resp: 4310

Ion Ratio Lower Upper

93 100

63 68.8 67.1 107.1

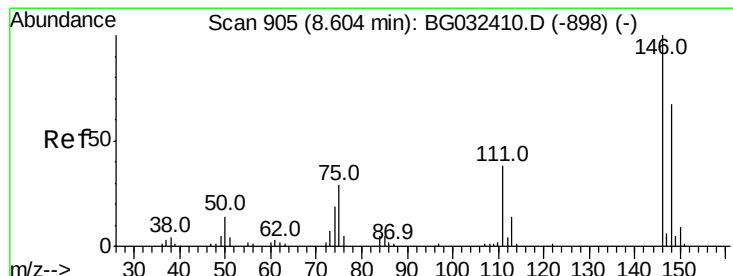
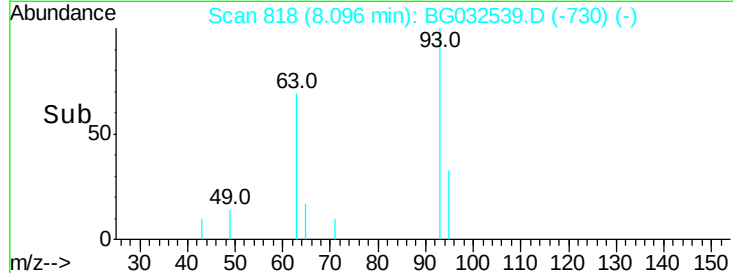
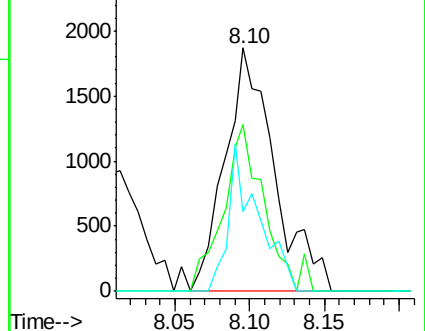
95 32.7 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 4.927 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

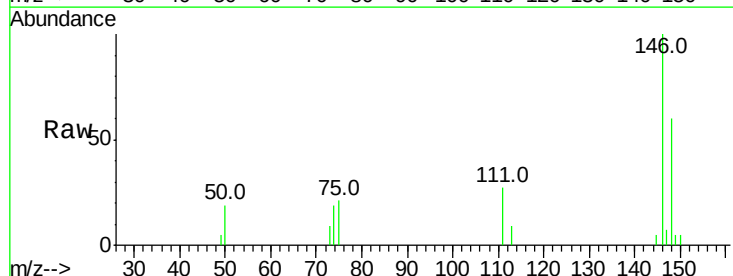
Tgt Ion: 146 Resp: 6874

Ion Ratio Lower Upper

146 100

148 59.9 51.4 77.2

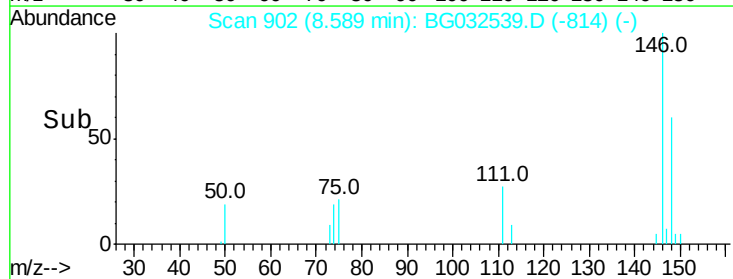
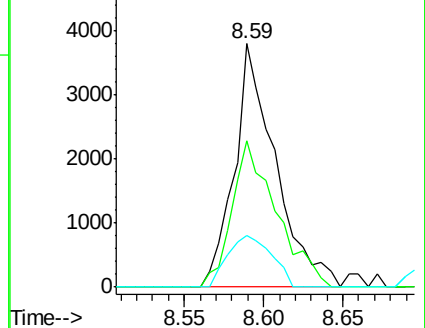
75 21.0 26.6 39.8#

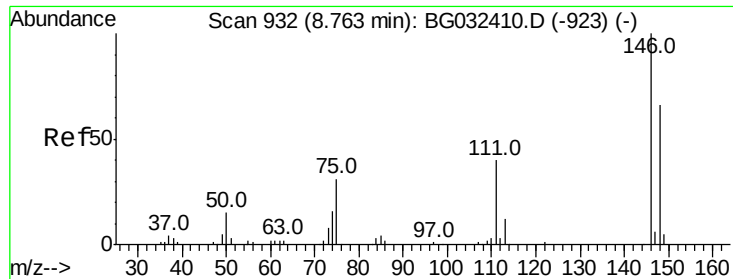


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

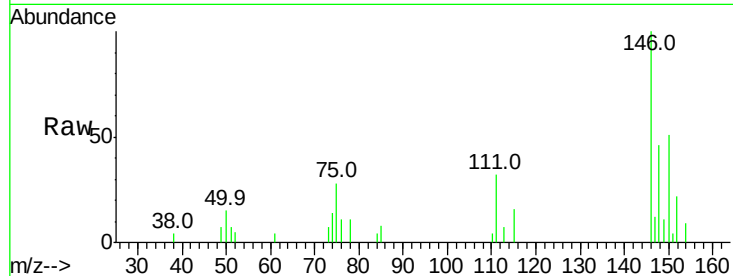




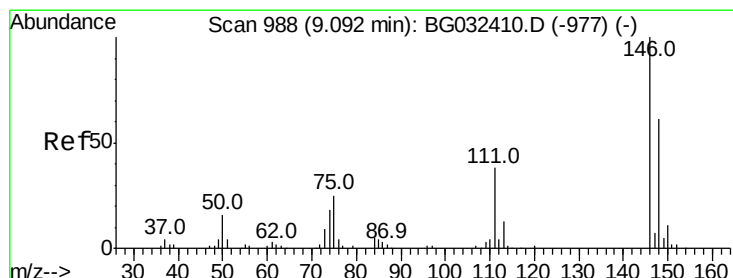
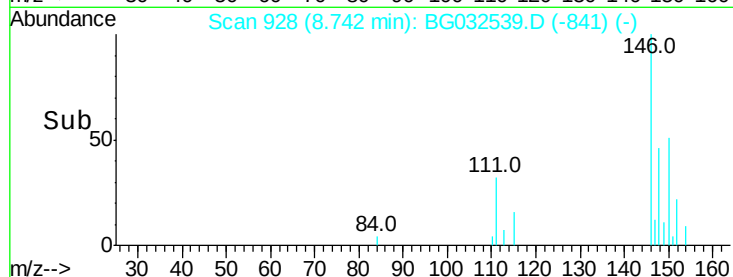
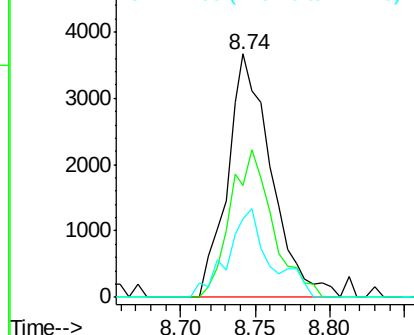
#13
 1,4-Dichlorobenzene
 Concen: 5.346 ng
 RT: 8.74 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 7476
 Ion Ratio Lower Upper
 146 100
 148 46.0 53.7 80.5#
 111 32.2 35.2 52.8#

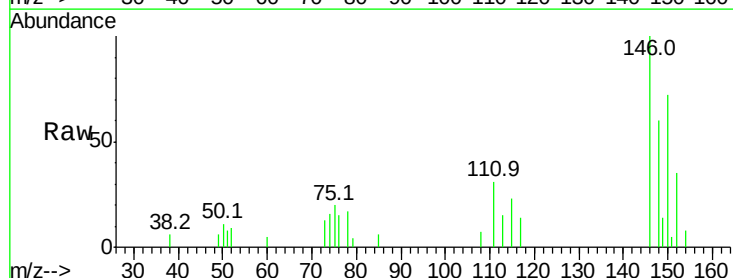


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

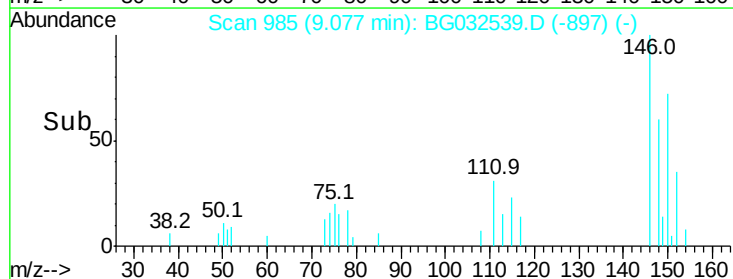
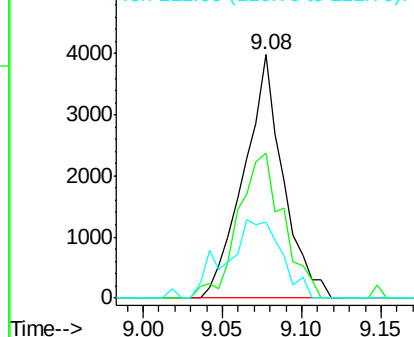


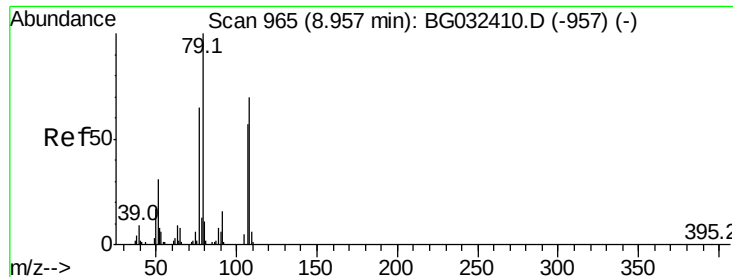
#14
 1,2-Dichlorobenzene
 Concen: 4.999 ng
 RT: 9.08 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

Tgt Ion:146 Resp: 6847
 Ion Ratio Lower Upper
 146 100
 148 59.6 49.3 73.9
 111 31.4 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: 3.894 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Instrument :

BNA_G

ClientSampled :

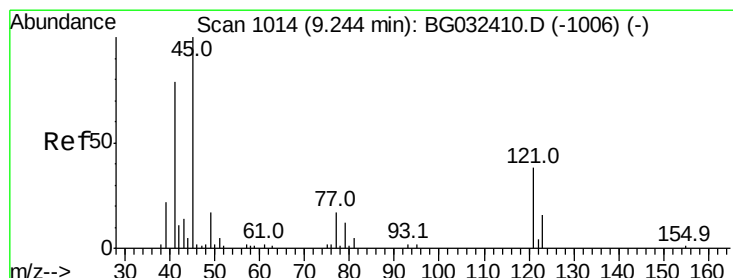
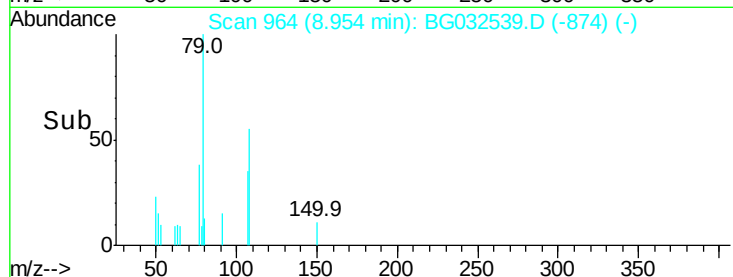
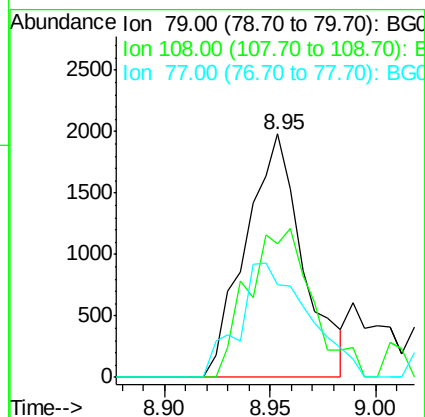
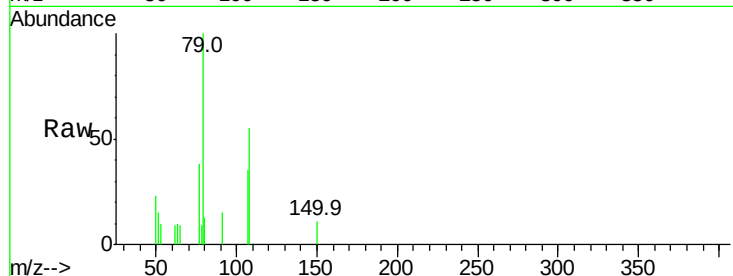
Tot Ion: 79 Resp: 3737

Ion Ratio Lower Upper

79 100

108 54.7 57.2 85.8#

77 37.9 46.1 69.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.485 ng

RT: 9.24 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

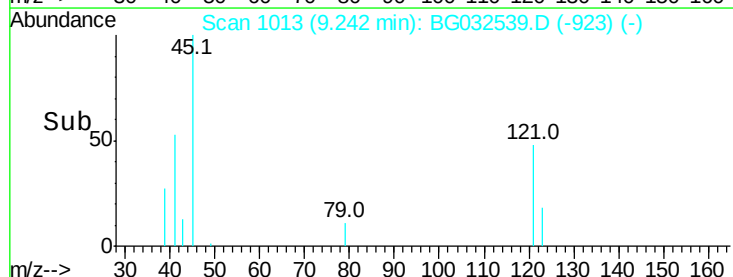
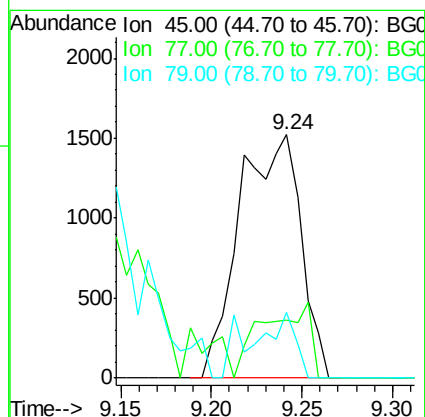
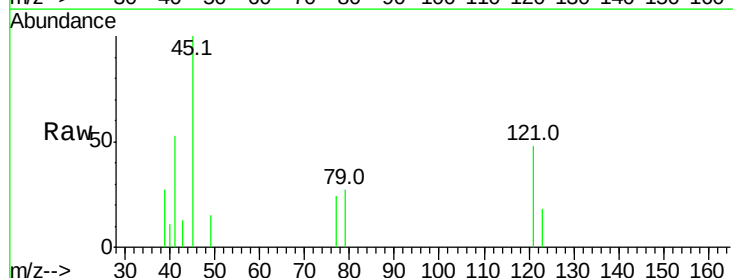
Tgt Ion: 45 Resp: 3581

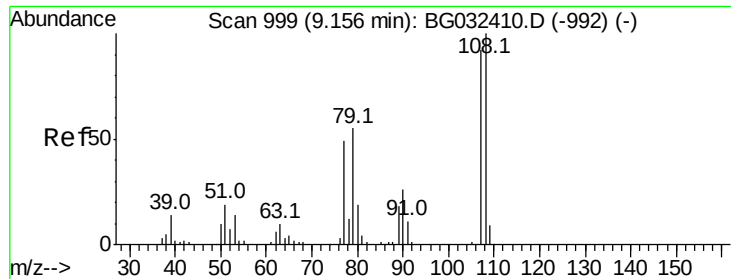
Ion Ratio Lower Upper

45 100

77 23.9 0.0 30.2

79 27.1 0.0 27.9





#17

2-Methylphenol

Concen: 4.560 ng

RT: 9.16 min Scan# 999

Delta R.T. 0.00 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 4096

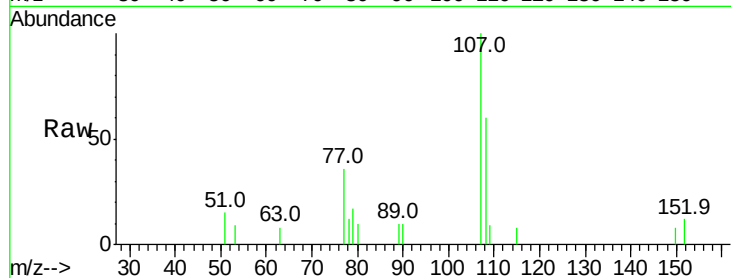
Ion Ratio Lower Upper

107 100

108 60.4 83.9 125.9#

77 35.6 37.2 55.8#

79 17.4 36.2 54.2#

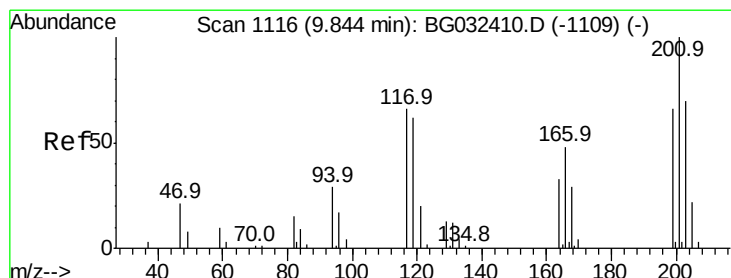
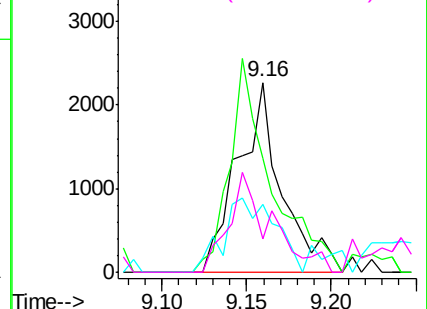
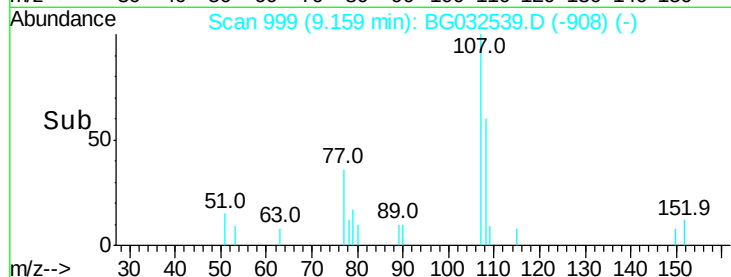


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 4.750 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

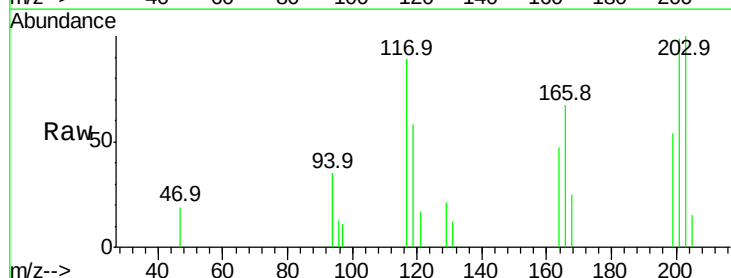
Tgt Ion:117 Resp: 2230

Ion Ratio Lower Upper

117 100

119 65.5 76.7 115.1#

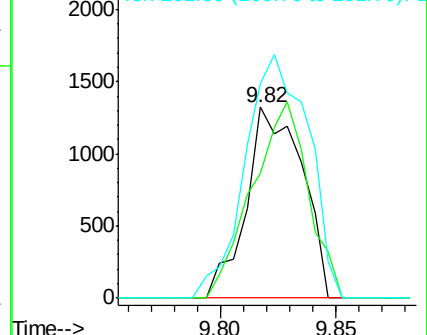
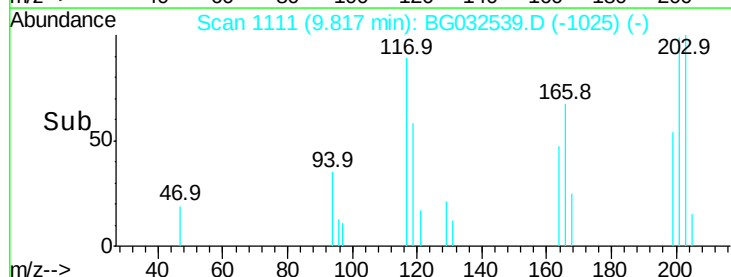
201 112.0 95.7 143.5

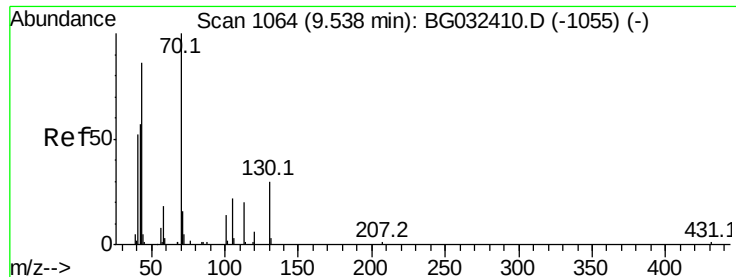


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

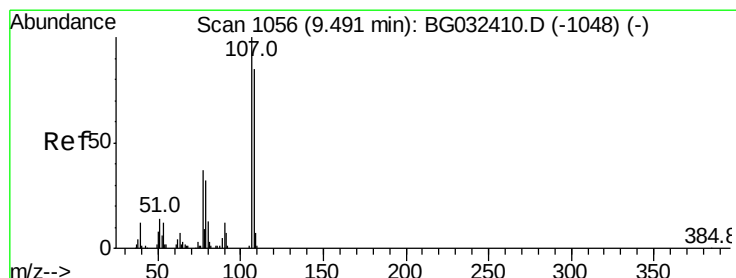
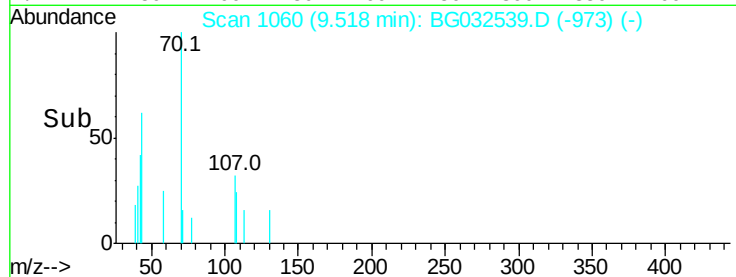
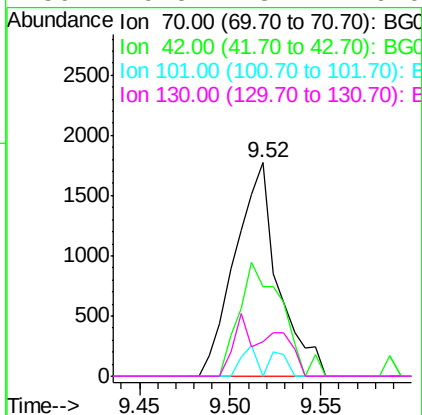
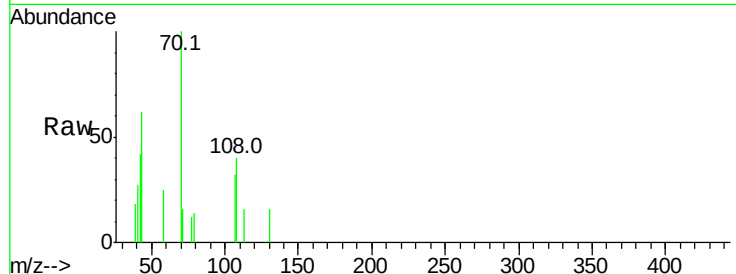




#19
n-Nitroso-di-n-propylamine
Concen: 3.792 ng
RT: 9.52 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG032539.D
Acq: 5 Feb 2018 18:25

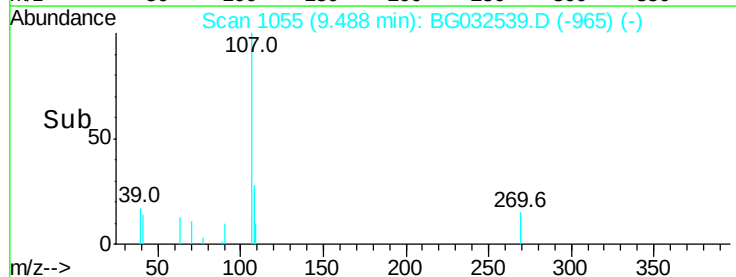
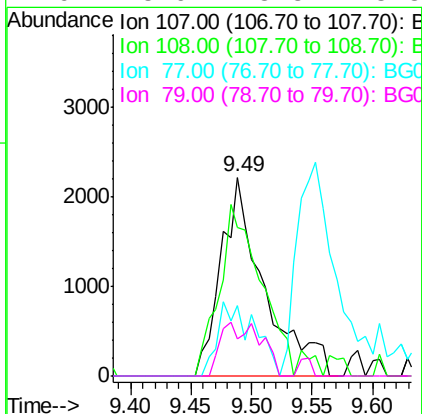
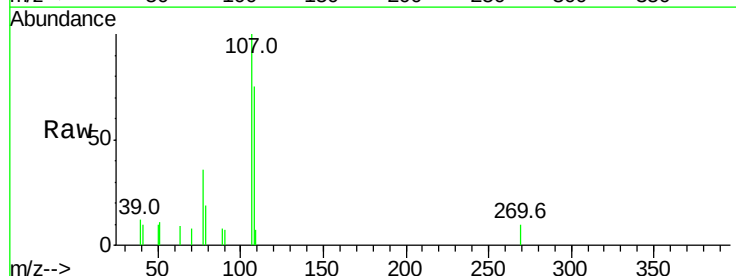
Instrument :
BNA_G
ClientSampleId :

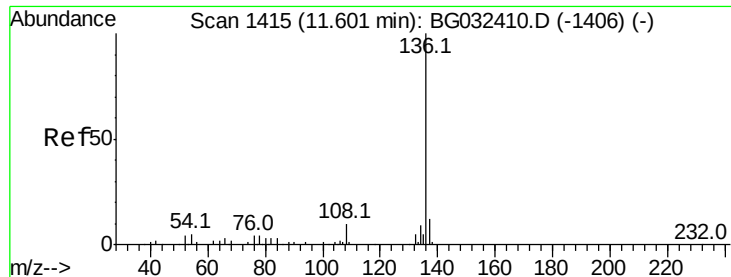
Tot Ion: 70 Resp: 2928
Ion Ratio Lower Upper
70 100
42 41.7 49.1 73.7#
101 0.0 8.5 12.7#
130 16.3 13.4 20.0



#20
3+4-Methylphenols
Concen: 4.357 ng
RT: 9.49 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BG032539.D
Acq: 5 Feb 2018 18:25

Tgt Ion: 107 Resp: 5490
Ion Ratio Lower Upper
107 100
108 74.7 61.6 101.6
77 35.7 13.9 53.9
79 18.9 8.8 48.8

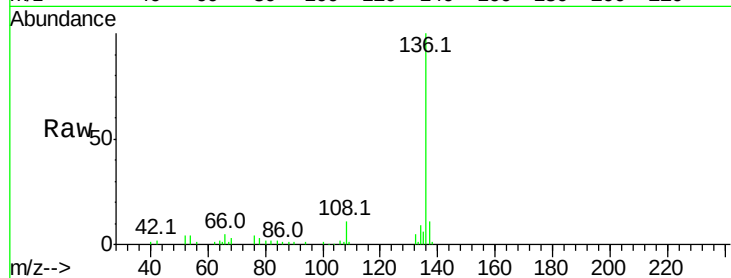




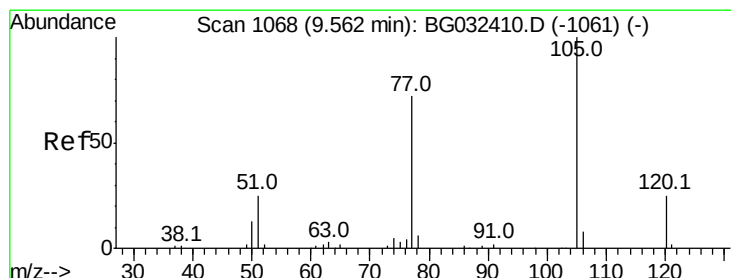
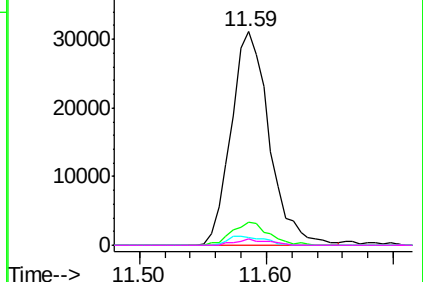
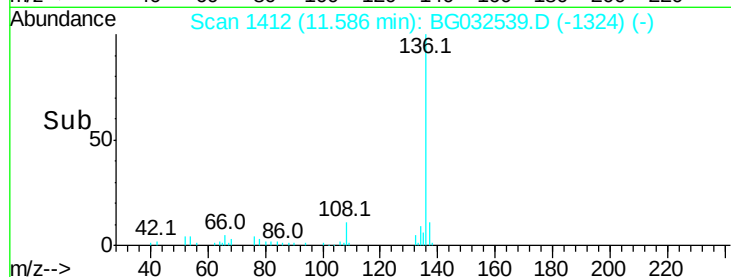
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BG032539.D
Acq: 5 Feb 2018 18:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	64942	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	9.2	13.8	
54 3.8	10.3	15.5#	
68 3.2	4.5	6.7#	

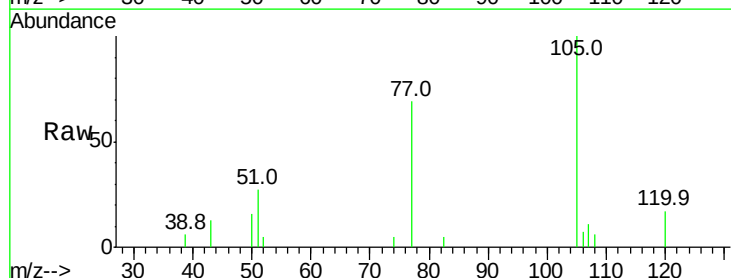


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

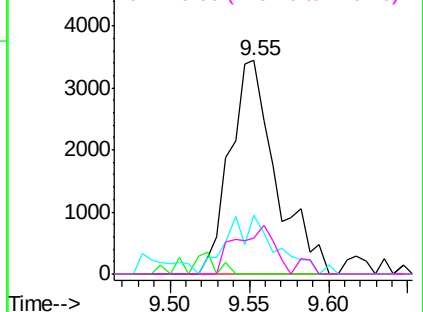
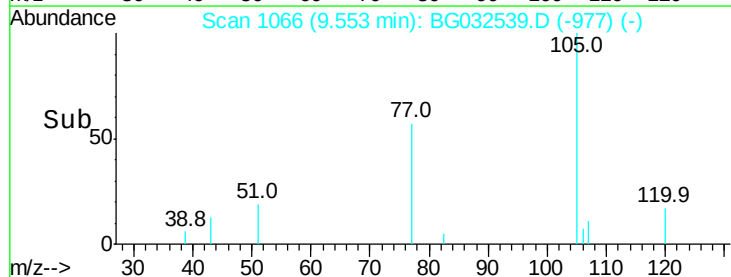


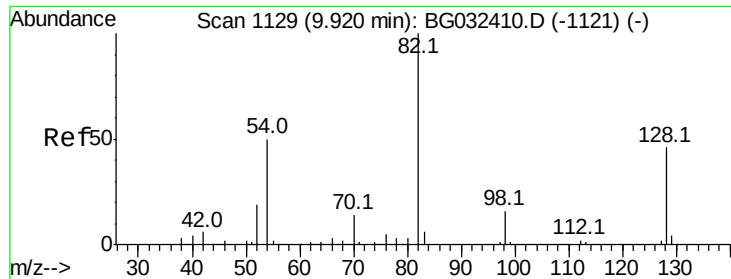
#22
Acetophenone
Concen: 4.539 ng
RT: 9.55 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG032539.D
Acq: 5 Feb 2018 18:25

Tgt	Ion:105	Resp:	6910
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	27.5	26.1	39.1
120	16.6	17.4	26.2#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

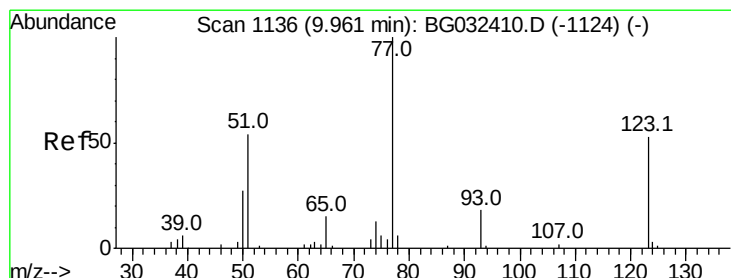
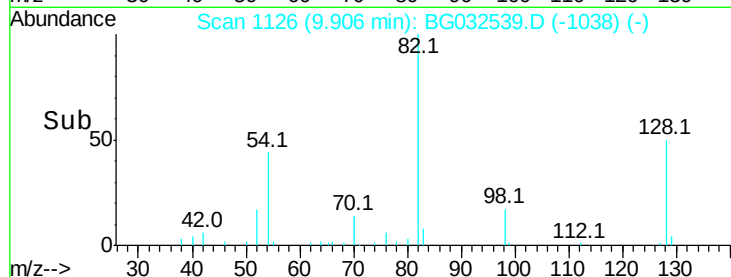
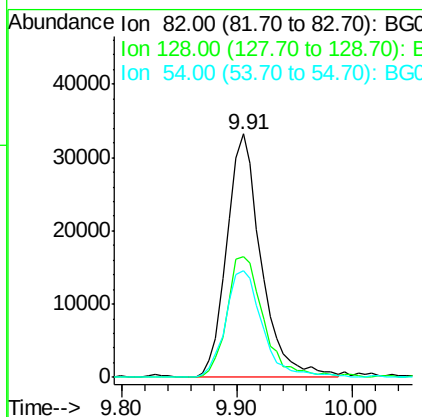
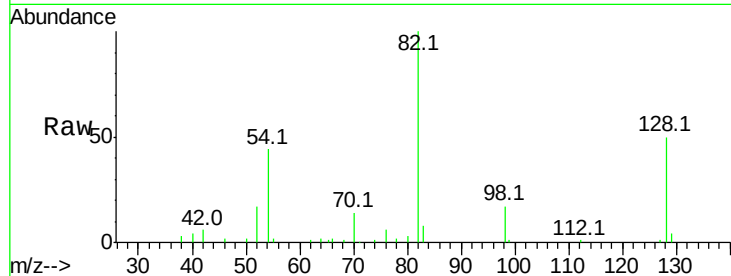




#23
 Nitrobenzene-d5
 Concen: 66.265 ng
 RT: 9.91 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

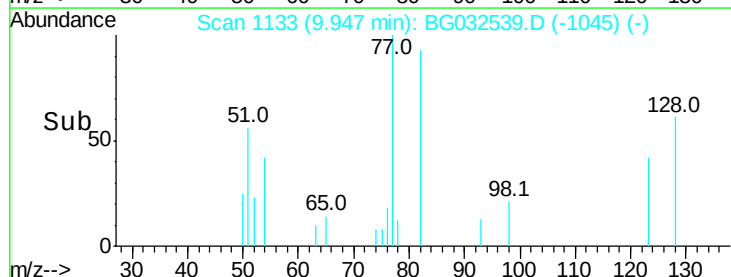
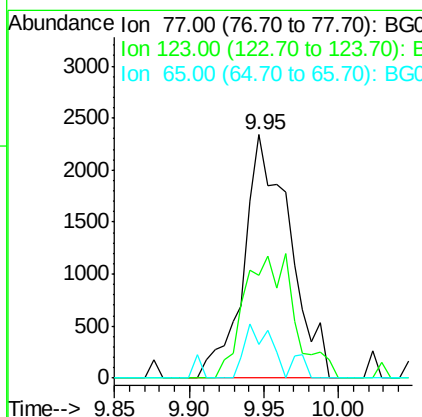
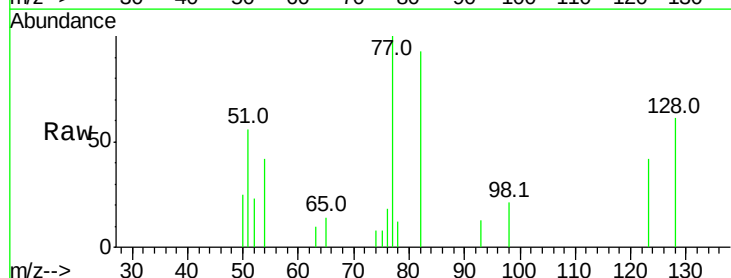
Instrument :
 BNA_G
 ClientSampled :

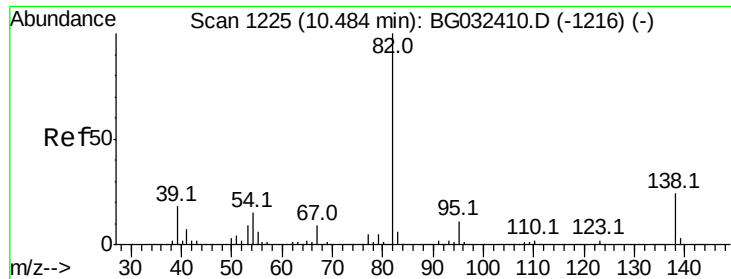
Tot Ion: 82 Resp: 68898
 Ion Ratio Lower Upper
 82 100
 128 49.6 29.7 44.5#
 54 43.9 43.1 64.7



#24
 Nitrobenzene
 Concen: 4.970 ng
 RT: 9.95 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

Tgt Ion: 77 Resp: 4997
 Ion Ratio Lower Upper
 77 100
 123 42.5 33.0 49.6
 65 13.6 13.0 19.6





#25

Isophorone

Concen: 5.643 ng

RT: 10.46 min Scan# 1221

Delta R.T. -0.02 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Instrument :

BNA_G

ClientSampleId :

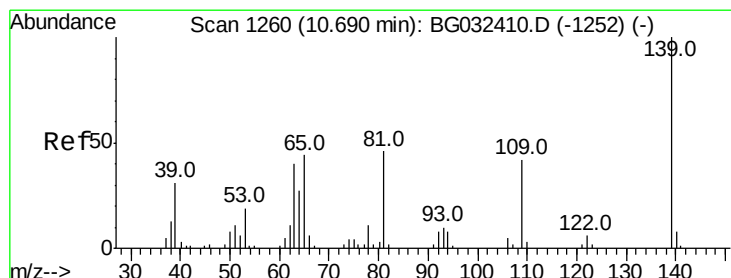
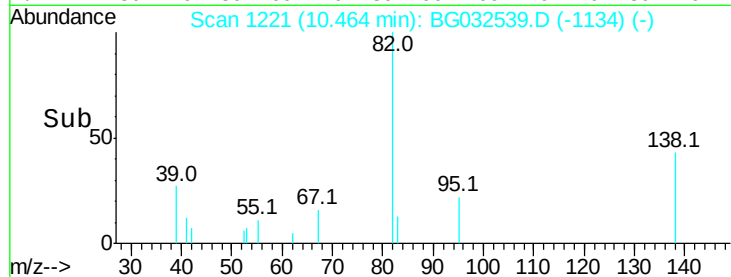
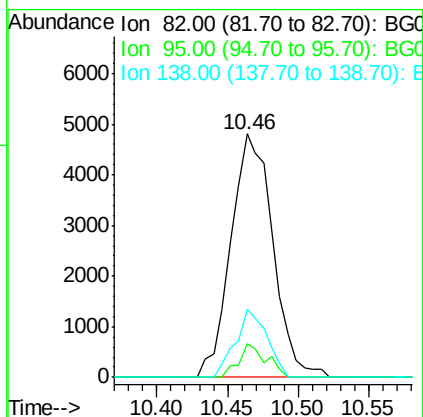
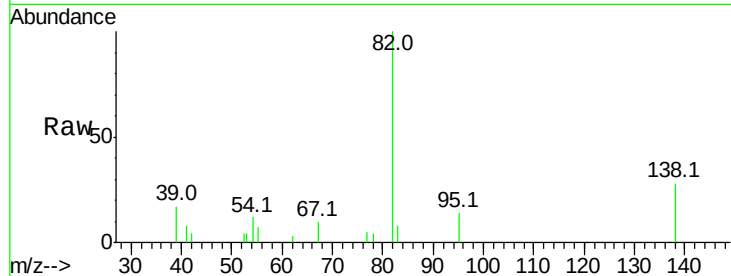
Tot Ion: 82 Resp: 9991

Ion Ratio Lower Upper

82 100

95 14.0 6.2 9.2#

138 28.1 12.1 18.1#



#26

2-Nitrophenol

Concen: 4.859 ng

RT: 10.68 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

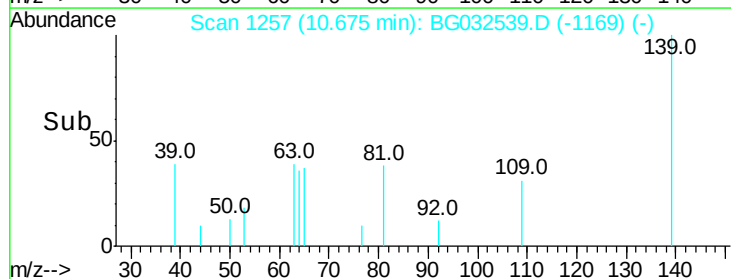
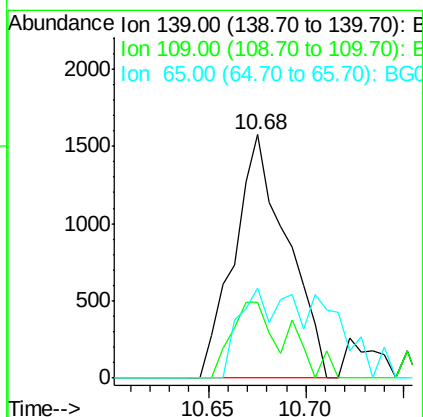
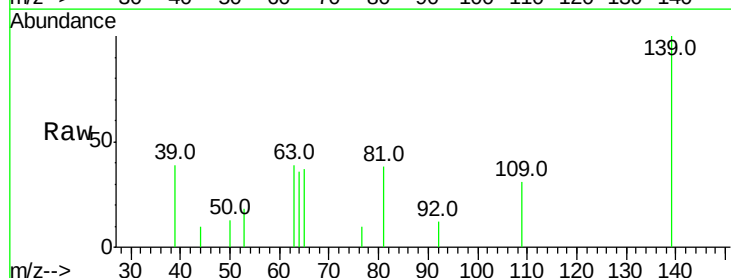
Tgt Ion: 139 Resp: 2953

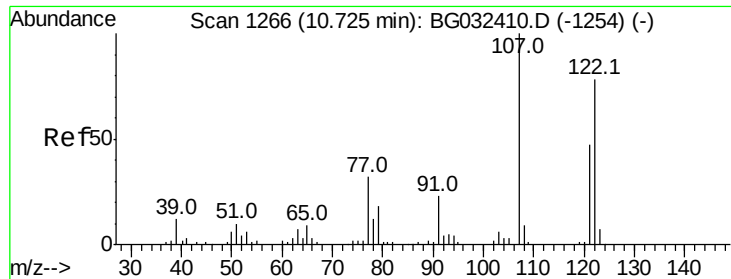
Ion Ratio Lower Upper

139 100

109 31.3 24.2 36.2

65 37.2 47.4 71.0#

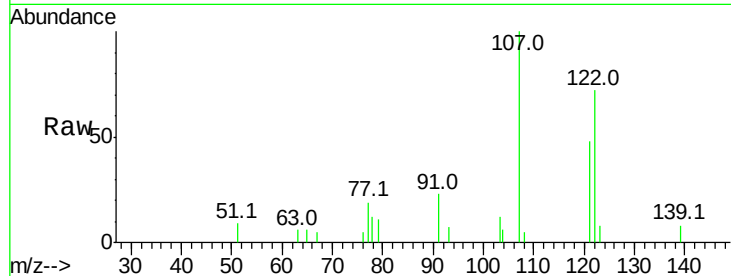




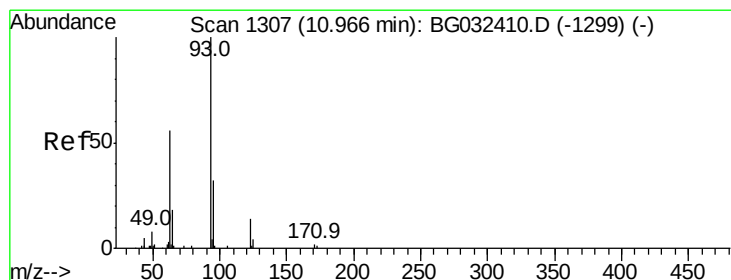
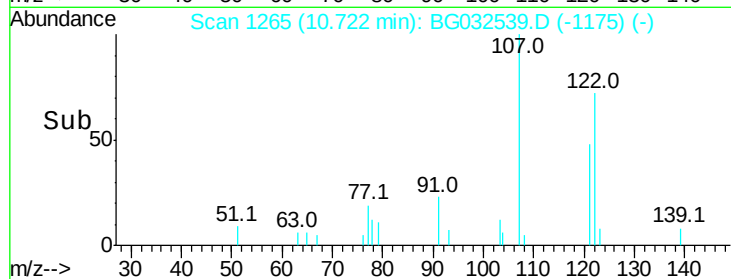
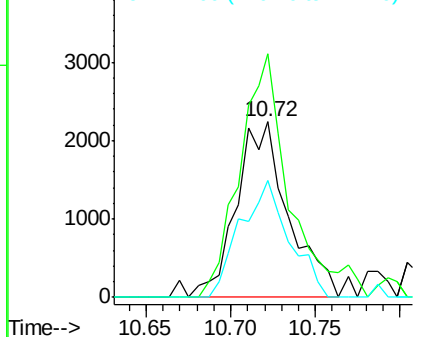
#27
 2,4-Dimethylphenol
 Concen: 5.472 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 4773
 Ion Ratio Lower Upper
 122 100
 107 138.8 100.2 150.2
 121 66.3 44.4 66.6

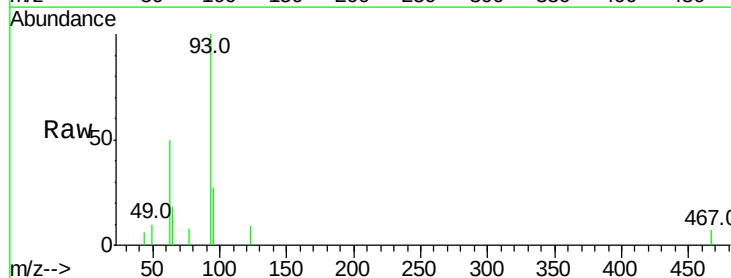


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

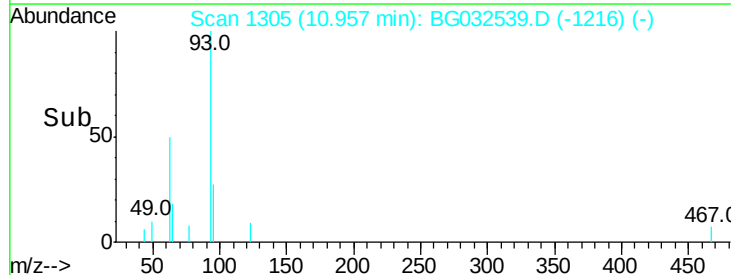
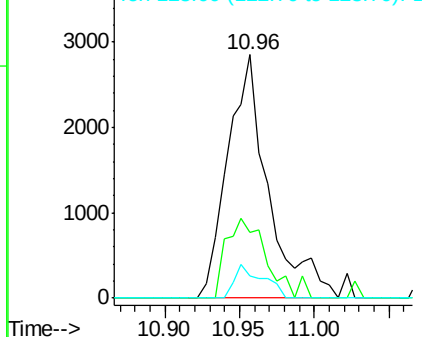


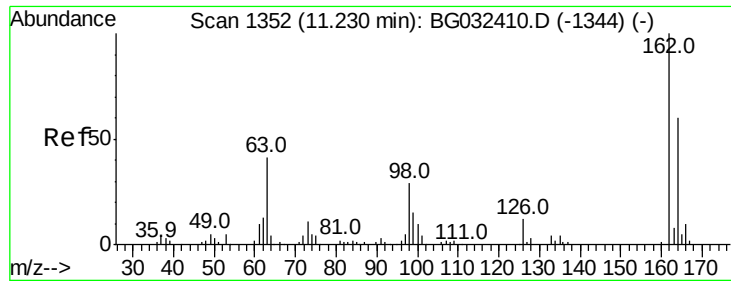
#28
 bis(2-Chloroethoxy)methane
 Concen: 5.572 ng
 RT: 10.96 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

Tgt Ion: 93 Resp: 5409
 Ion Ratio Lower Upper
 93 100
 95 27.2 24.3 36.5
 123 9.2 8.4 12.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

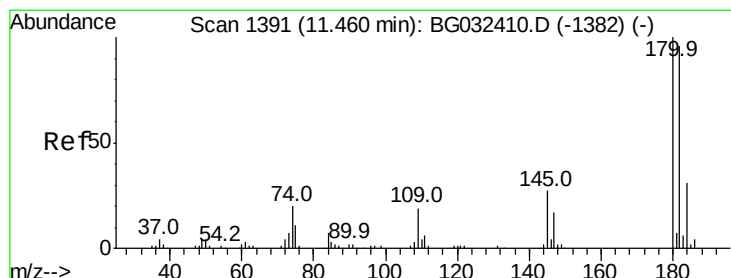
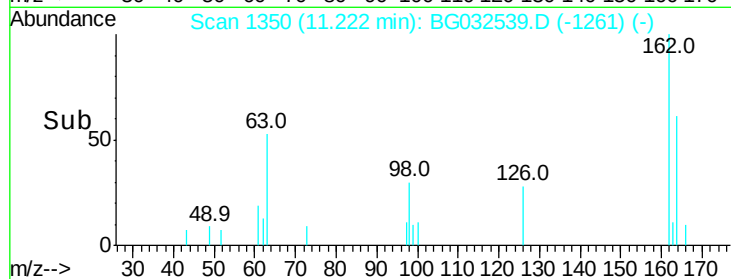
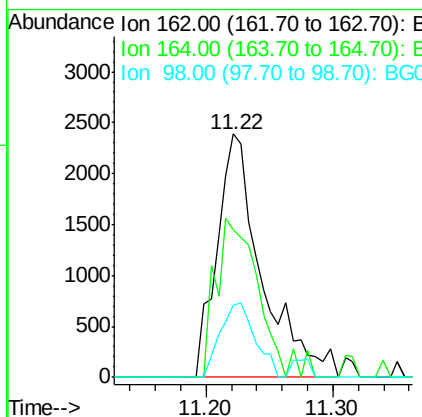
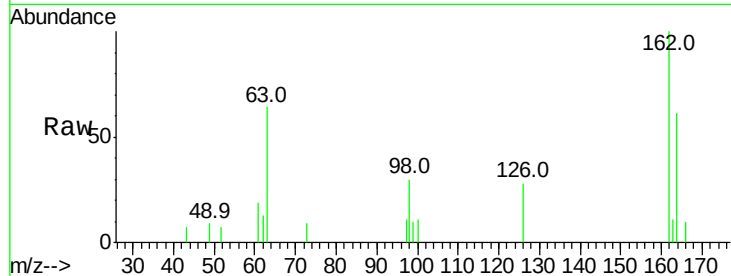




#29
 2,4-Dichlorophenol
 Concen: 5.058 ng
 RT: 11.22 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

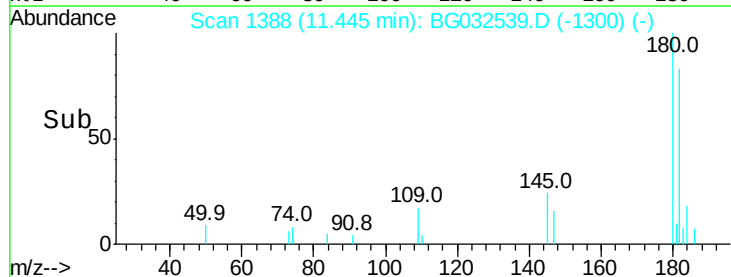
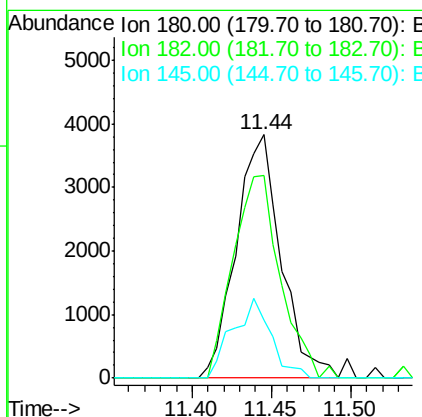
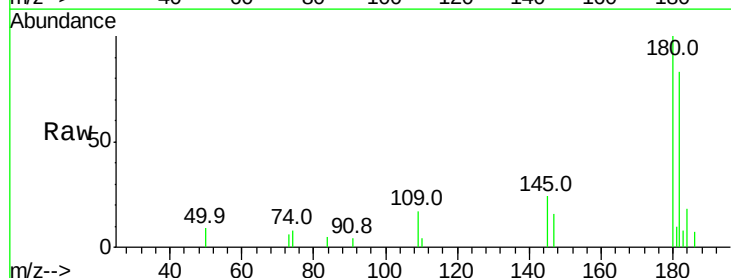
Instrument :
 BNA_G
 ClientSampleId :

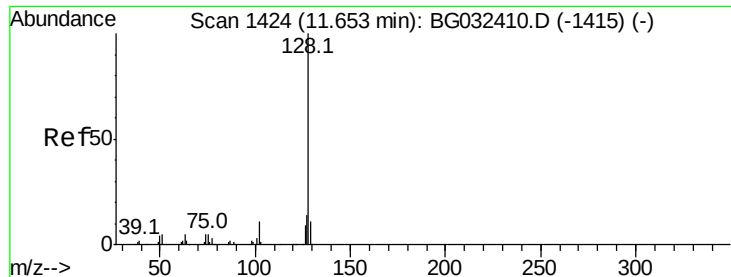
Tot Ion:162 Resp: 5845
 Ion Ratio Lower Upper
 162 100
 164 60.7 48.0 88.0
 98 29.7 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 4.892 ng
 RT: 11.44 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

Tgt Ion:180 Resp: 7534
 Ion Ratio Lower Upper
 180 100
 182 83.2 77.5 116.3
 145 23.8 23.4 35.2

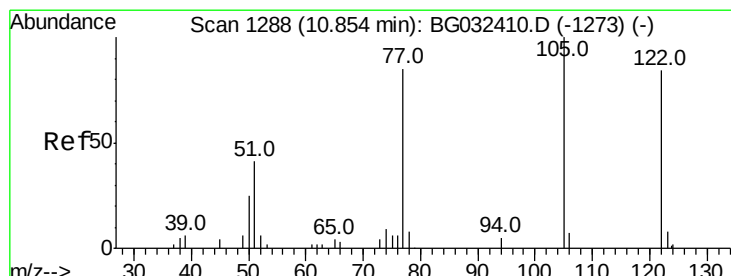
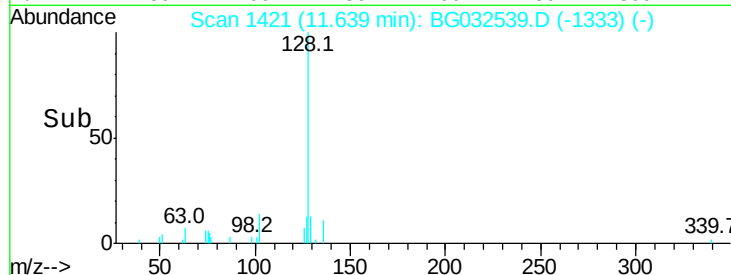
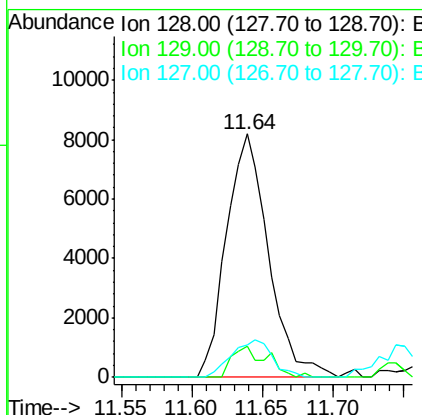
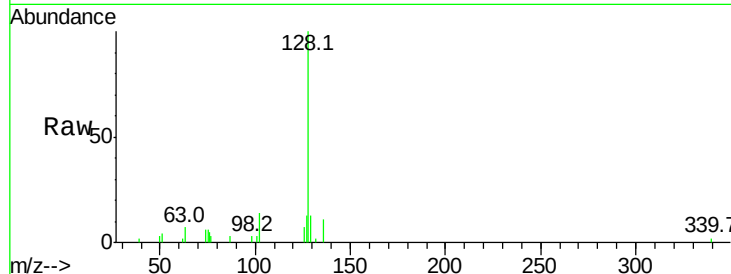




#31
Naphthalene
Concen: 5.362 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BG032539.D
Acq: 5 Feb 2018 18:25

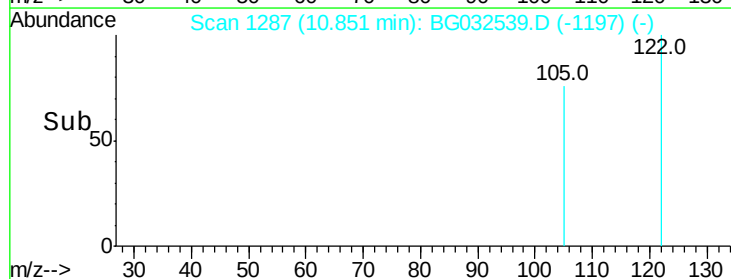
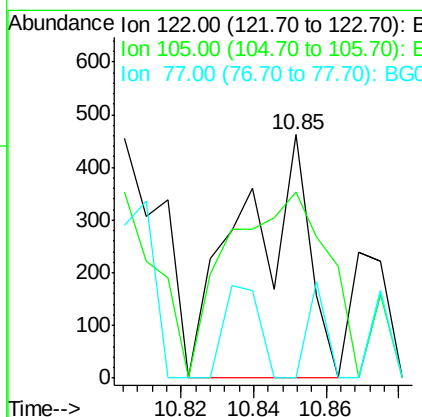
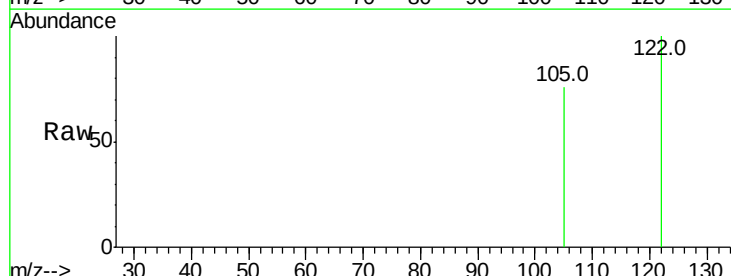
Instrument :
BNA_G
ClientSampleId :

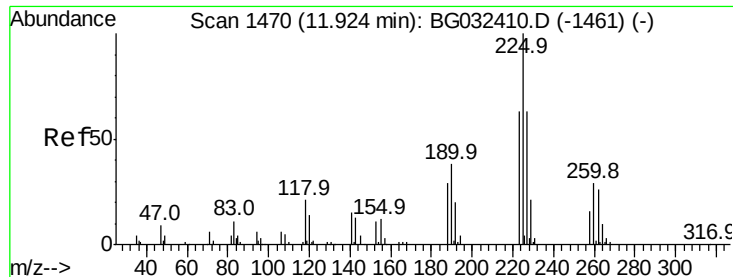
Tot Ion:128 Resp: 17006
Ion Ratio Lower Upper
128 100
129 12.7 8.6 12.8
127 13.4 11.6 17.4



#32
Benzoic acid
Concen: 8.043 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG032539.D
Acq: 5 Feb 2018 18:25

Tgt Ion:122 Resp: 583
Ion Ratio Lower Upper
122 100
105 76.4 123.5 163.5#
77 0.0 85.7 125.7#





#34

Hexachlorobutadiene

Concen: 4.733 ng

RT: 11.90 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Instrument :

BNA_G

ClientSampleId :

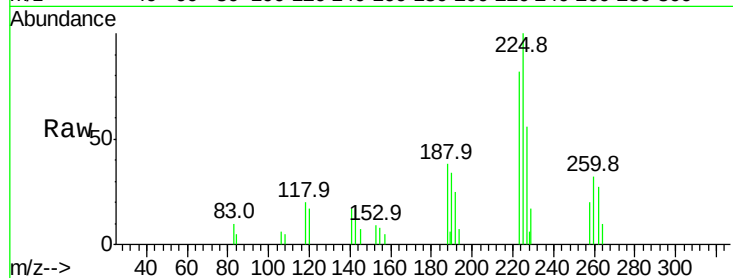
Tot Ion:225 Resp: 5672

Ion Ratio Lower Upper

225 100

223 82.2 49.7 74.5#

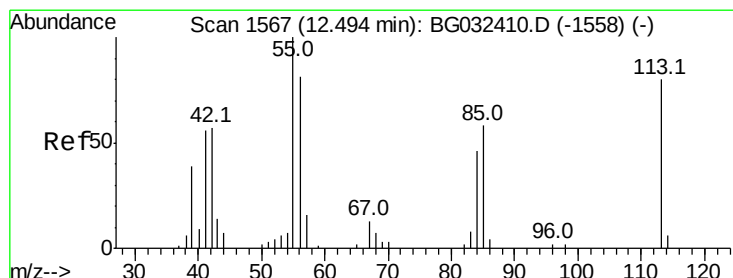
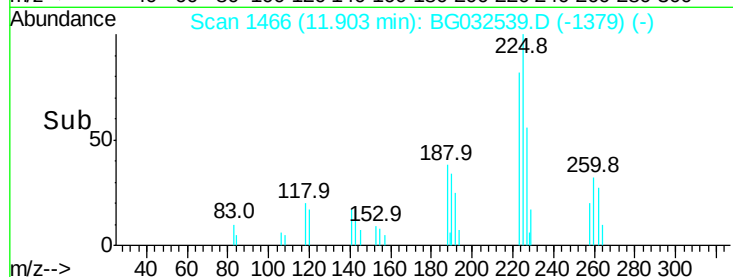
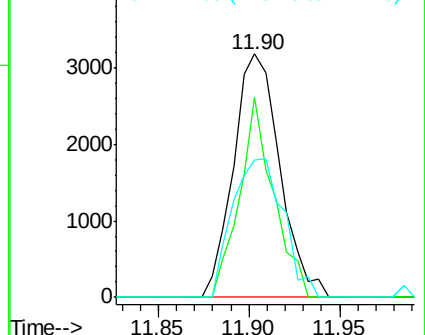
227 56.2 48.1 72.1



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 4.395 ng

RT: 12.46 min Scan# 1560

Delta R.T. -0.04 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

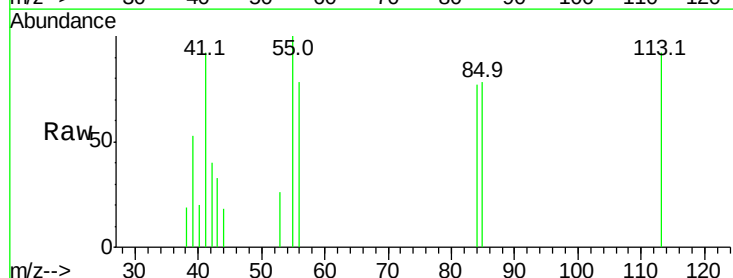
Tgt Ion:113 Resp: 1458

Ion Ratio Lower Upper

113 100

55 109.1 186.9 226.9#

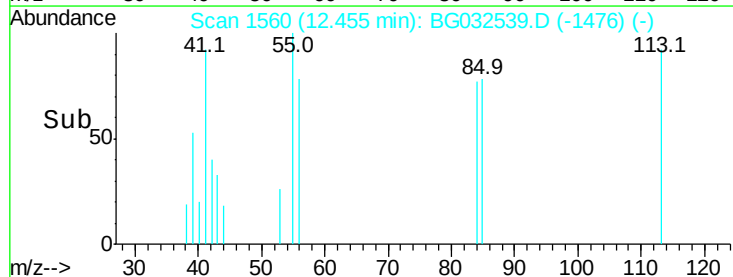
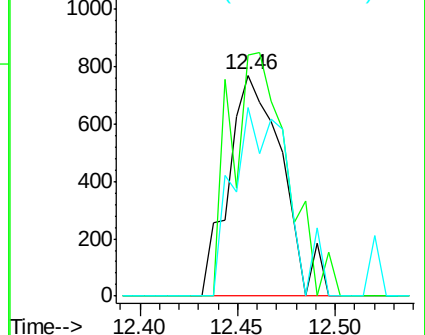
56 85.3 130.9 170.9#

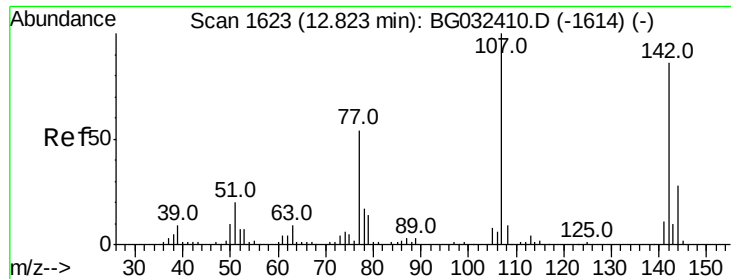


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



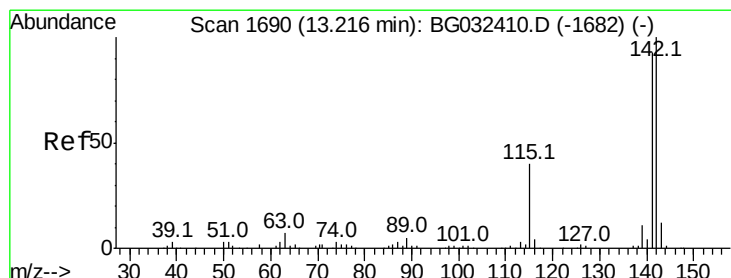
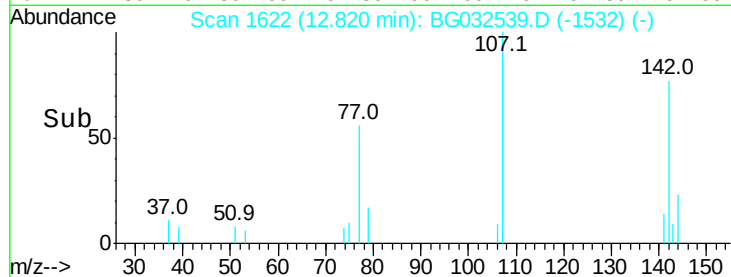
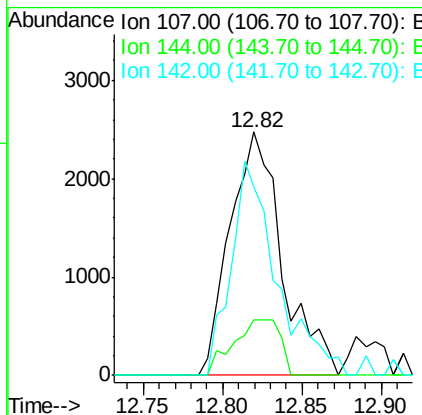
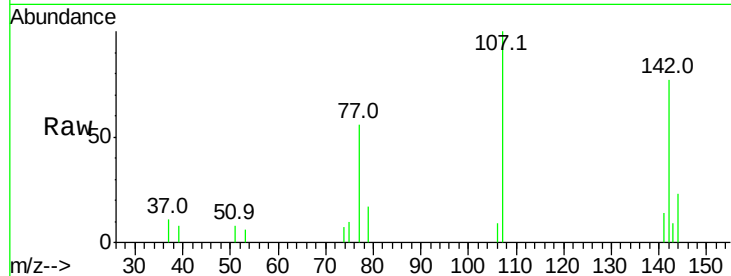


#36
 4-Chloro-3-methylphenol
 Concen: 5.171 ng
 RT: 12.82 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:107 Resp: 5668

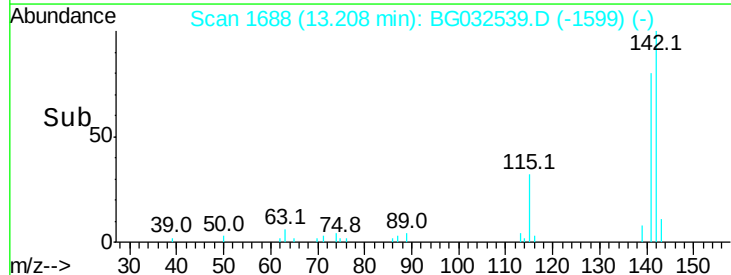
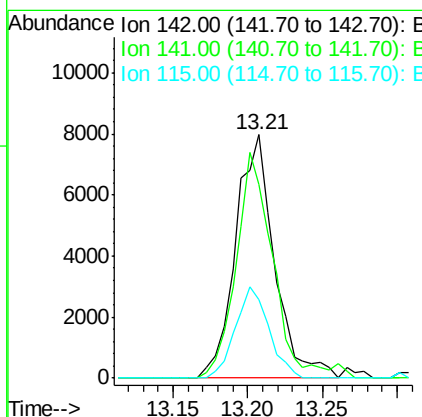
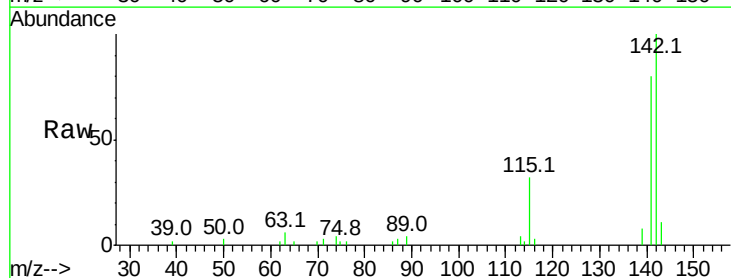
Ion	Ratio	Lower	Upper
107	100		
144	22.6	18.2	27.4
142	77.3	59.0	88.4

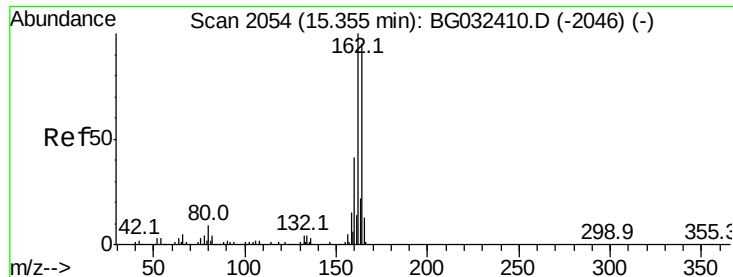


#37
 2-Methylnaphthalene
 Concen: 5.398 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

Tgt Ion:142 Resp: 14384

Ion	Ratio	Lower	Upper
142	100		
141	79.8	67.1	100.7
115	32.4	30.7	46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

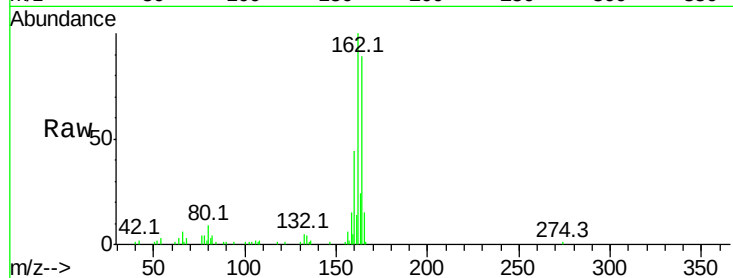
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 44810

Ion	Ratio	Lower	Upper
164	100		
162	112.5	78.8	118.2
160	49.6	35.4	53.0

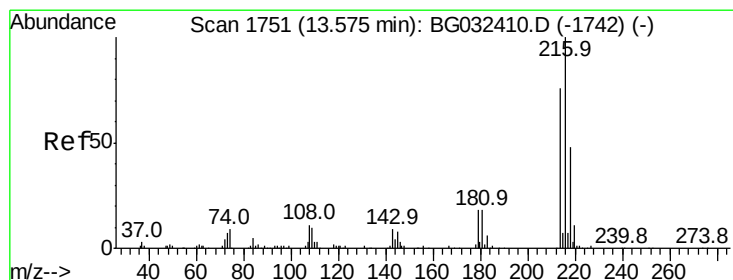
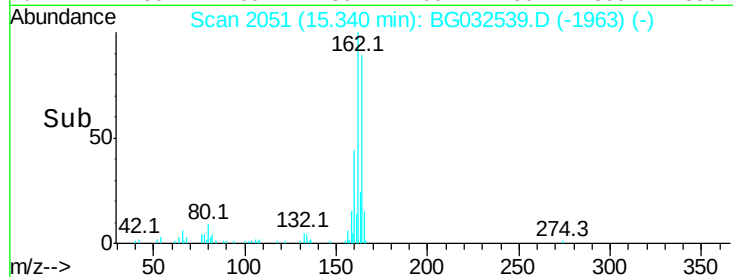
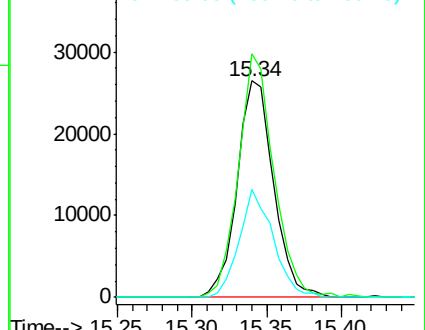


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.488 ng

RT: 13.56 min Scan# 1748

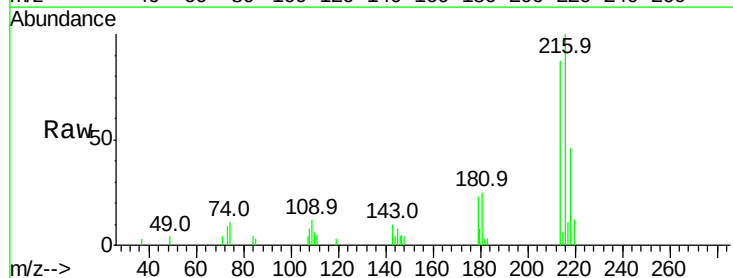
Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Tgt Ion:216 Resp: 9409

Ion	Ratio	Lower	Upper
216	100		
214	85.4	63.0	94.4
179	24.3	17.0	25.6
108	10.0	12.8	19.2#



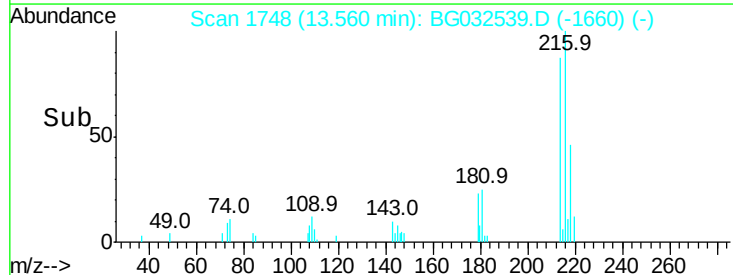
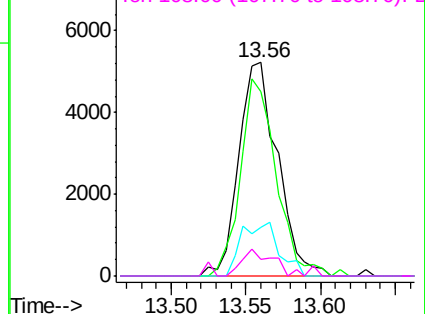
Abundance

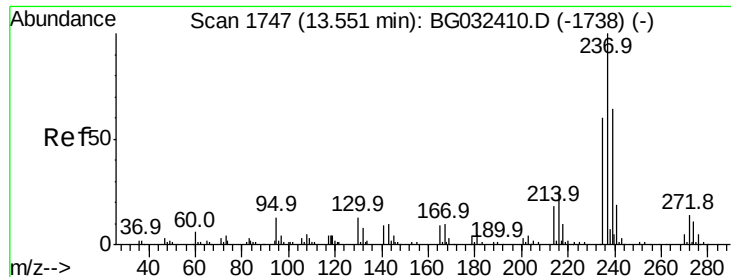
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

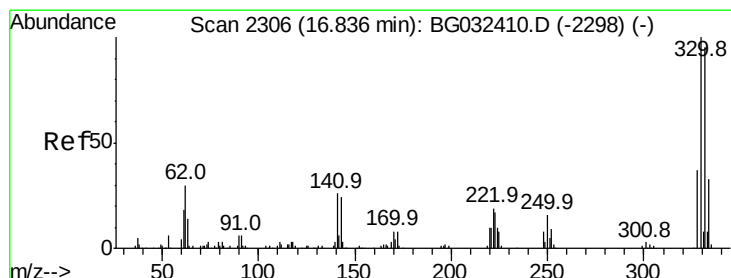
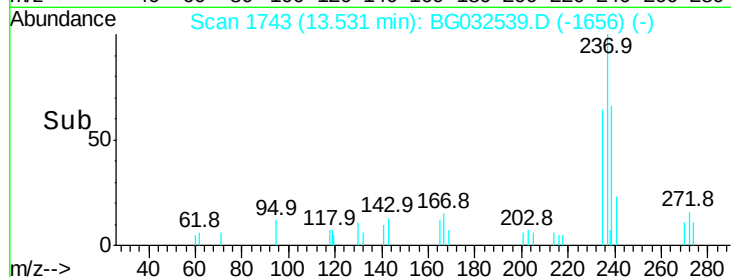
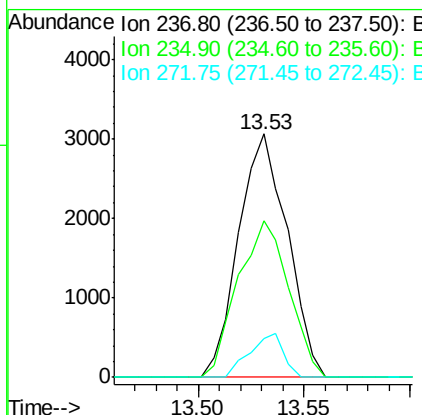
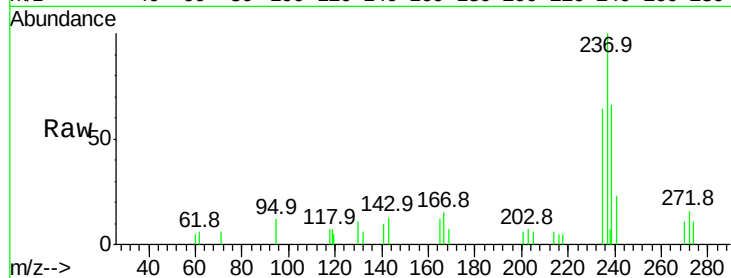




#40
Hexachlorocyclopentadiene
Concen: 3.743 ng
RT: 13.53 min Scan# 1743
Delta R.T. -0.02 min
Lab File: BG032539.D
Acq: 5 Feb 2018 18:25

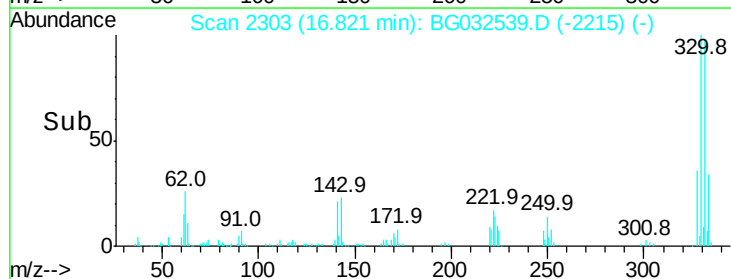
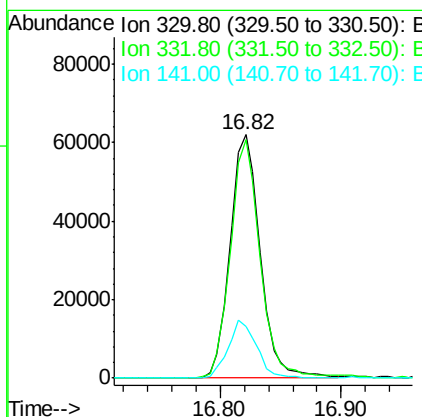
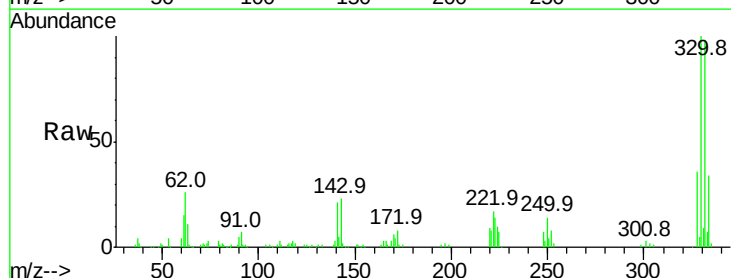
Instrument :
BNA_G
ClientSampleId :

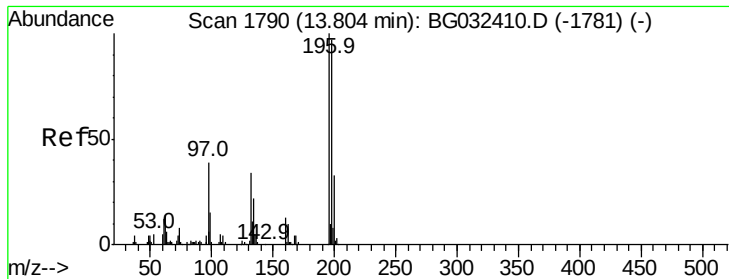
Tot Ion:237 Resp: 4902
Ion Ratio Lower Upper
237 100
235 64.1 50.4 90.4
272 16.0 0.0 31.8



#41
2,4,6-Tribromophenol
Concen: 126.708 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG032539.D
Acq: 5 Feb 2018 18:25

Tgt Ion:330 Resp: 108077
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 22.4 25.2 37.8#





#42

2,4,6-Trichlorophenol

Concen: 5.095 ng

RT: 13.78 min Scan# 1786

Delta R.T. -0.02 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Instrument :

BNA_G

ClientSampleId :

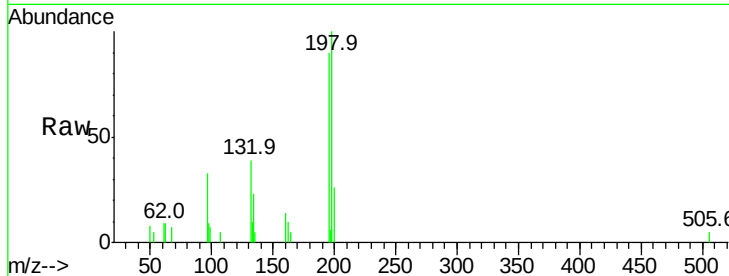
Tot Ion:196 Resp: 5810

Ion Ratio Lower Upper

196 100

198 110.8 78.2 117.2

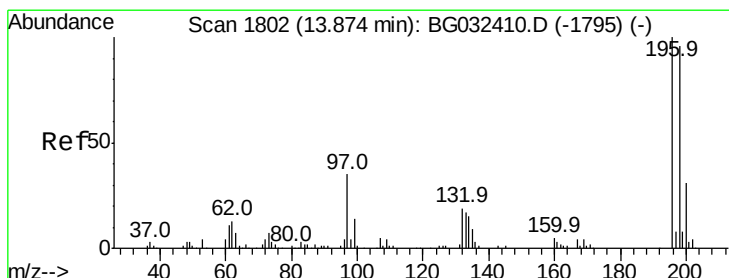
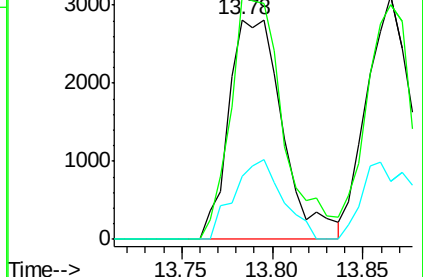
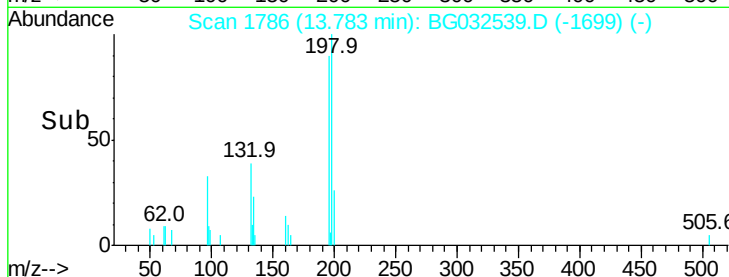
200 28.4 24.6 36.8



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: 4.465 ng

RT: 13.87 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Tgt Ion:196 Resp: 5935

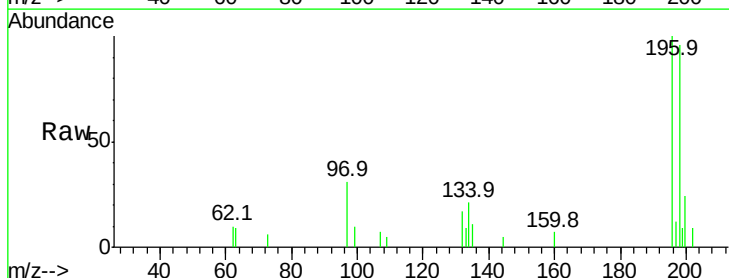
Ion Ratio Lower Upper

196 100

198 96.4 76.2 114.4

97 30.6 38.7 58.1#

132 17.1 20.2 30.2#

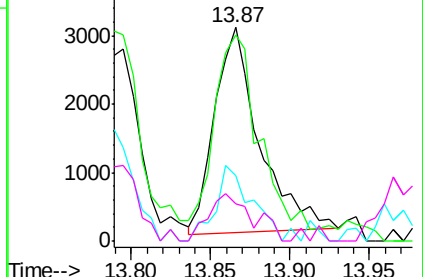
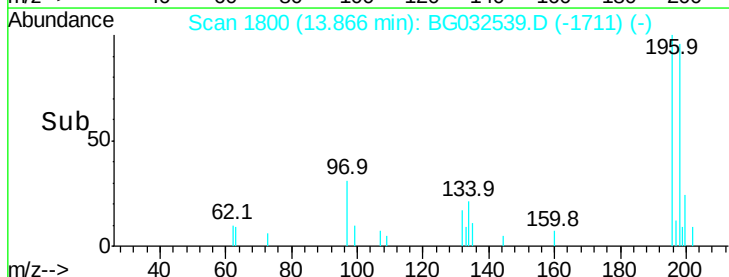


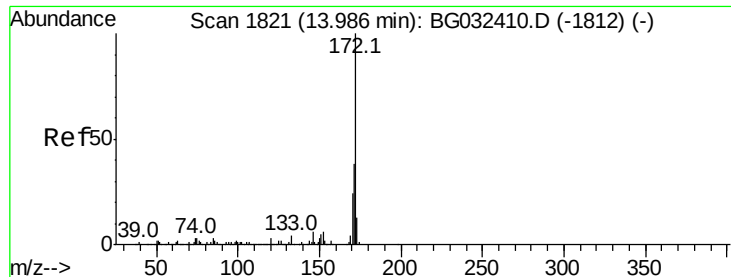
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 68.229 ng

RT: 13.97 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Instrument :

BNA_G

ClientSampleId :

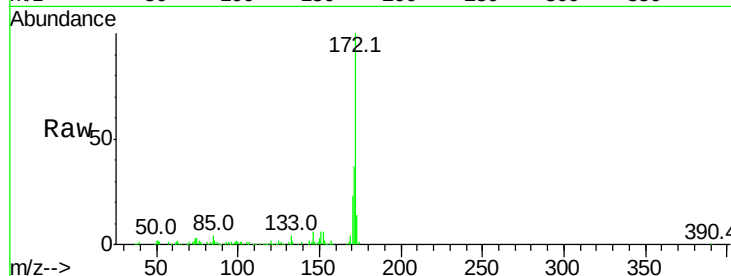
Tot Ion:172 Resp: 257231

Ion Ratio Lower Upper

172 100

171 37.4 30.0 45.0

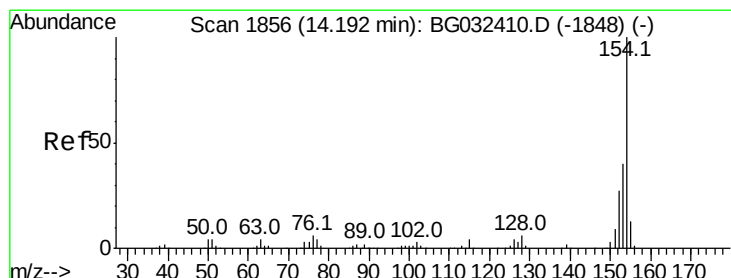
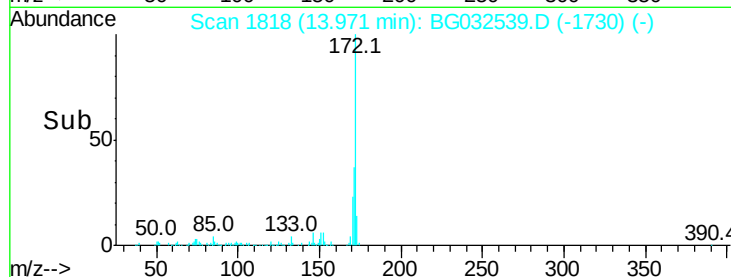
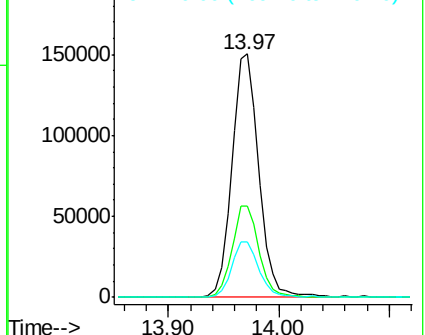
170 22.6 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 5.371 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

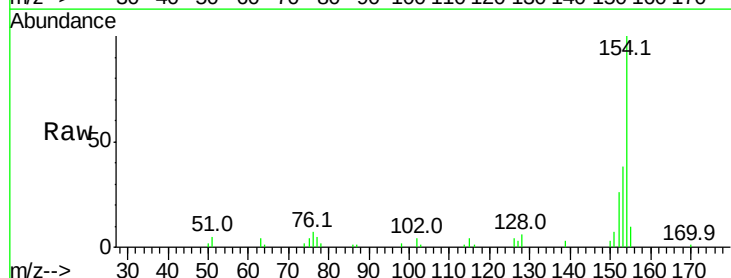
Tgt Ion:154 Resp: 20334

Ion Ratio Lower Upper

154 100

153 37.6 19.8 59.8

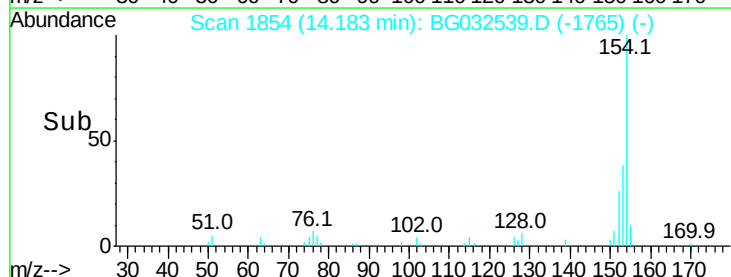
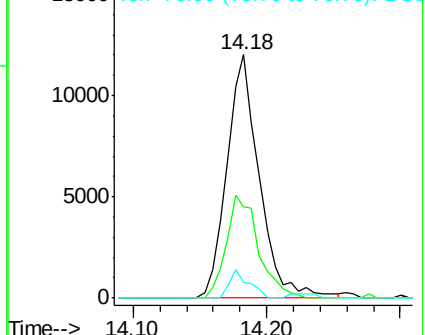
76 6.6 0.0 31.9

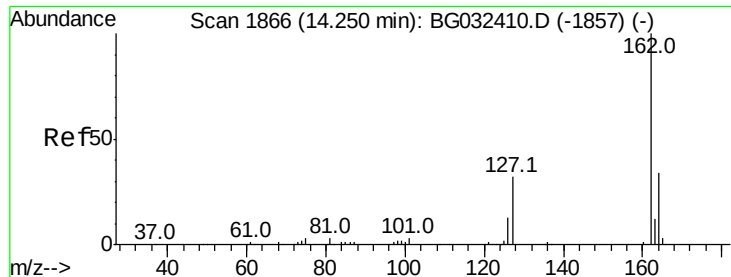


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

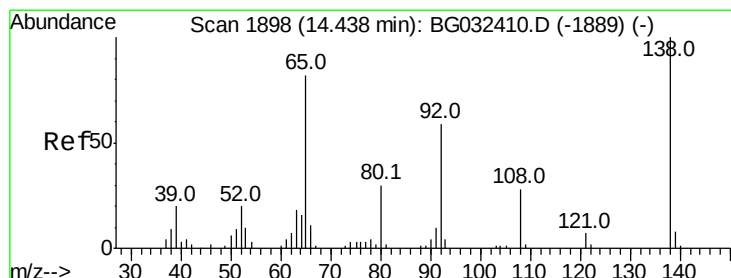
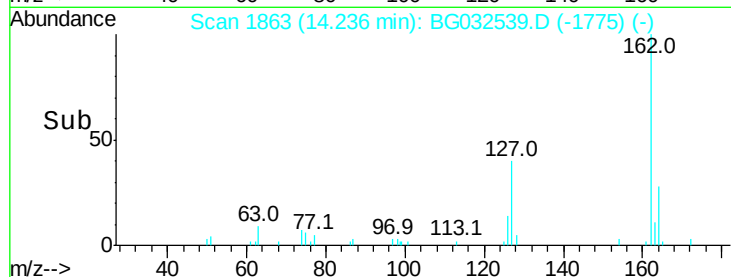
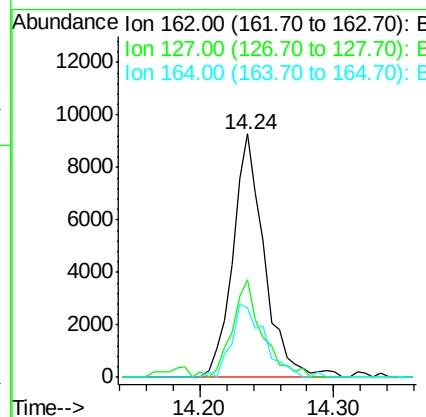
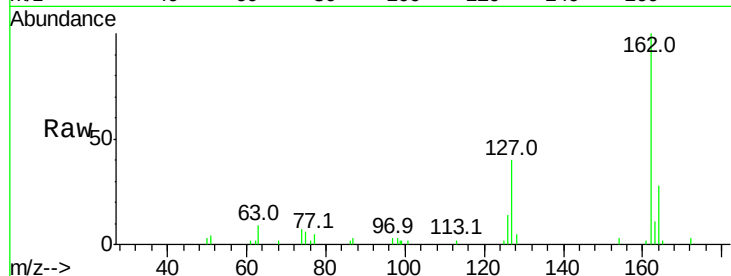




#46
 2-Chloronaphthalene
 Concen: 5.145 ng
 RT: 14.24 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

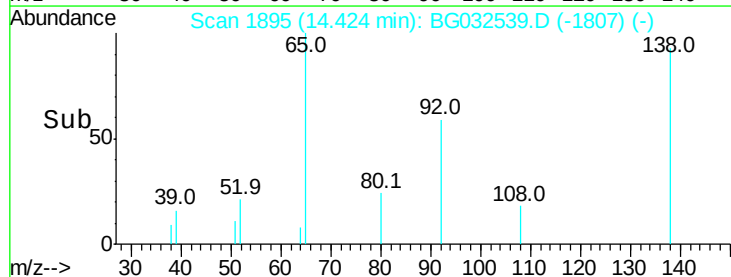
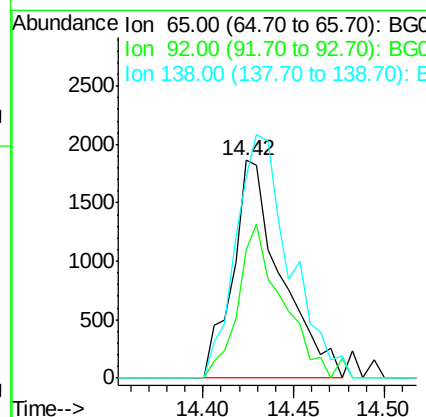
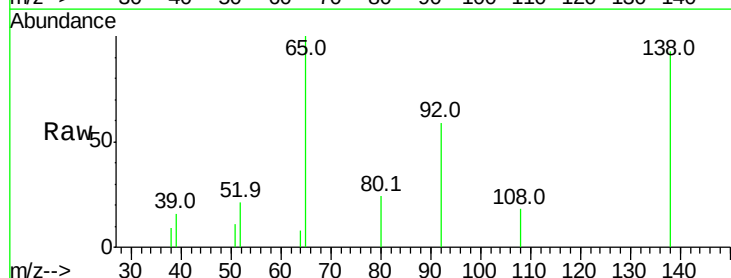
Instrument :
 BNA_G
 ClientSampleId :

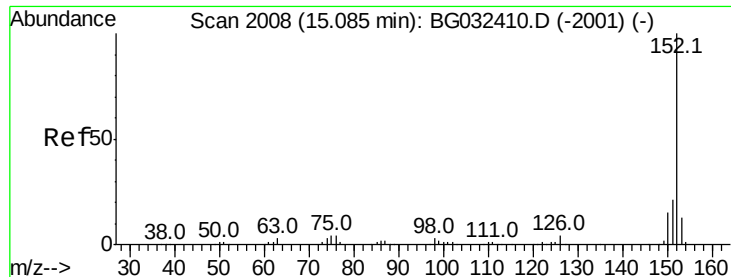
Tot Ion:162 Resp: 15267
 Ion Ratio Lower Upper
 162 100
 127 39.9 30.7 46.1
 164 28.3 26.0 39.0



#47
 2-Nitroaniline
 Concen: 5.250 ng
 RT: 14.42 min Scan# 1895
 Delta R.T. -0.01 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

Tgt Ion: 65 Resp: 3445
 Ion Ratio Lower Upper
 65 100
 92 59.3 54.6 82.0
 138 92.5 72.9 109.3





#48

Acenaphthylene

Concen: 5.225 ng

RT: 15.07 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

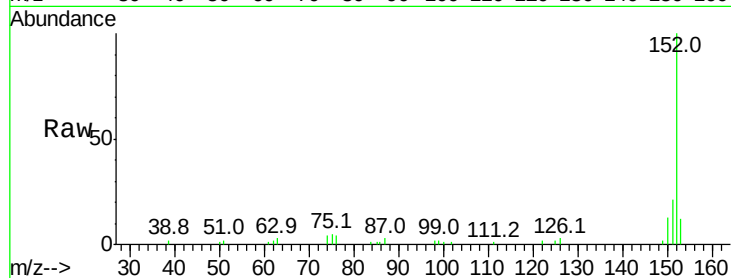
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 23437

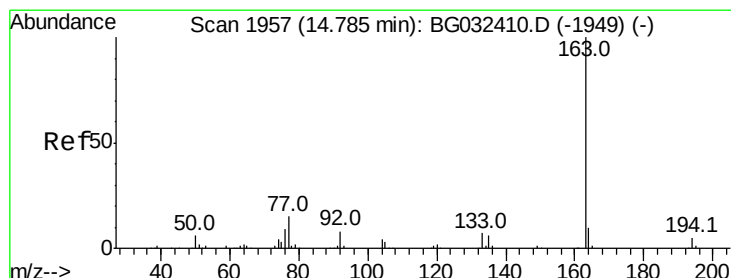
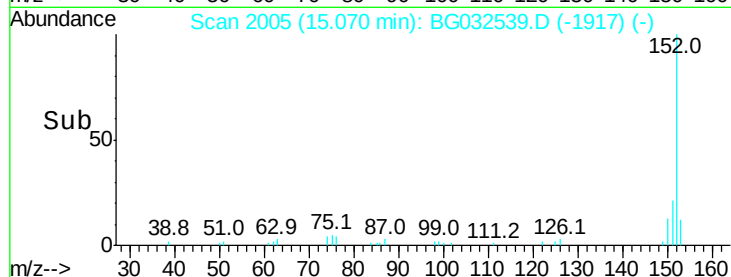
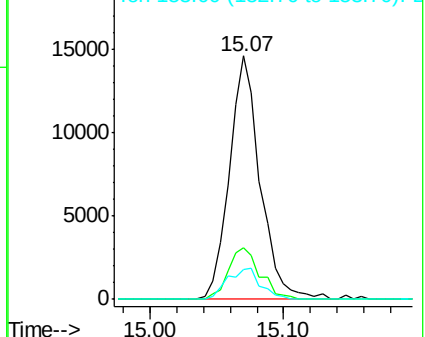
Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.2	25.8
153	12.2	10.2	15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 4.986 ng

RT: 14.77 min Scan# 1954

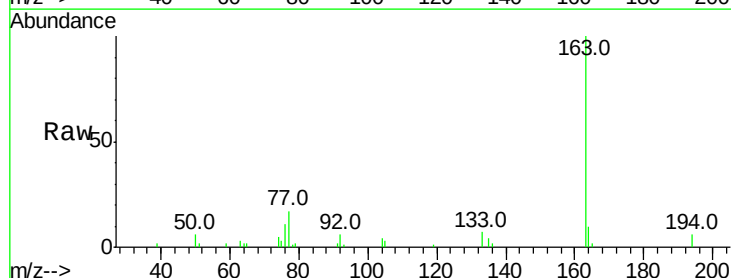
Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Tgt Ion:163 Resp: 20601

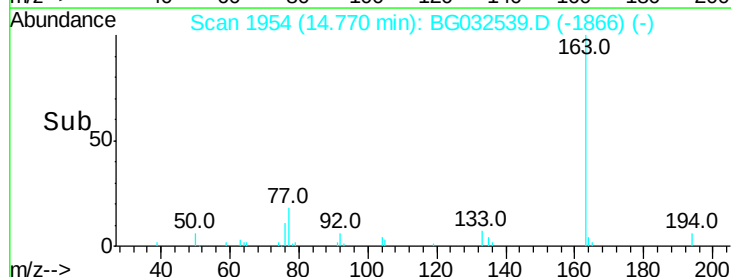
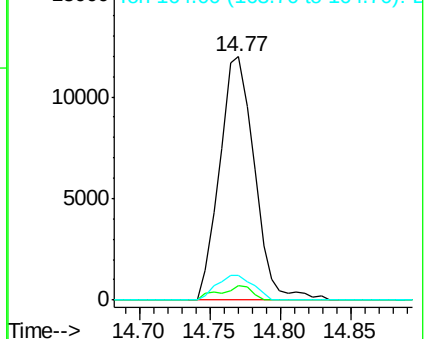
Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.4	5.2#
164	9.9	8.2	12.4

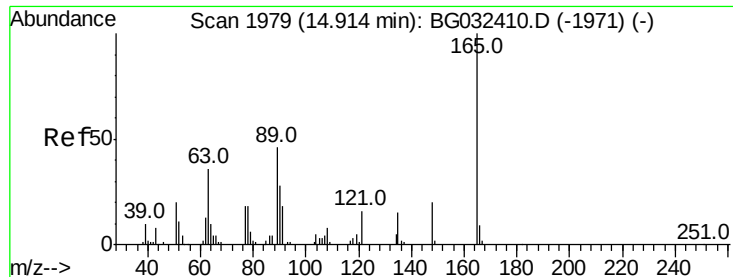


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

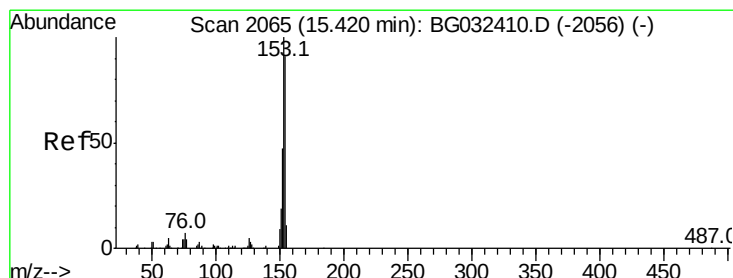
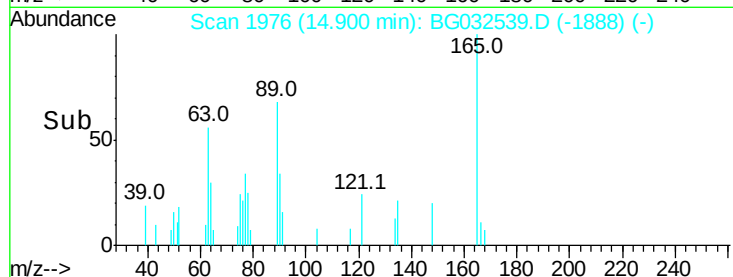
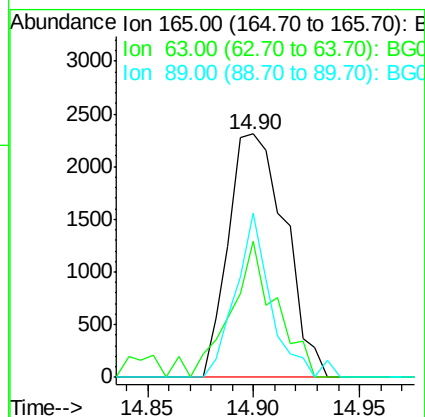
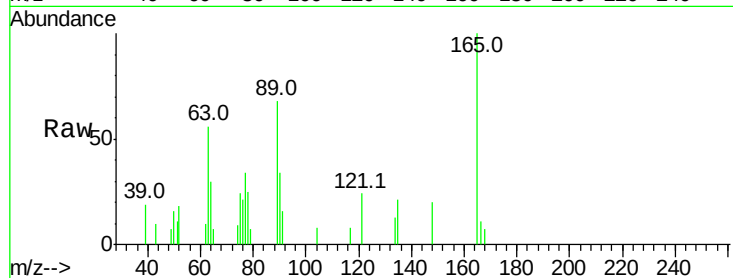




#50
 2,6-Dinitrotoluene
 Concen: 4.950 ng
 RT: 14.90 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

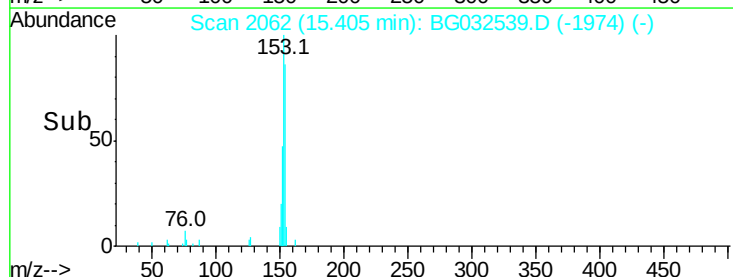
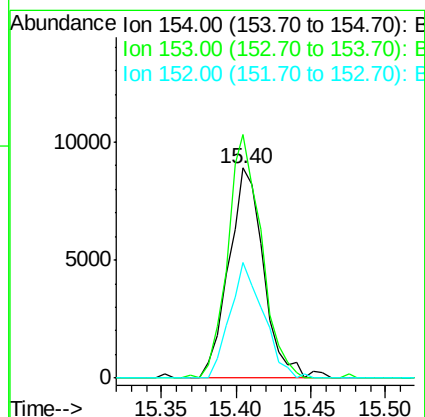
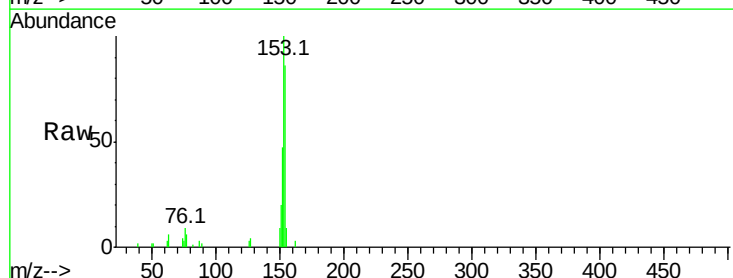
Instrument :
 BNA_G
 ClientSampleId :

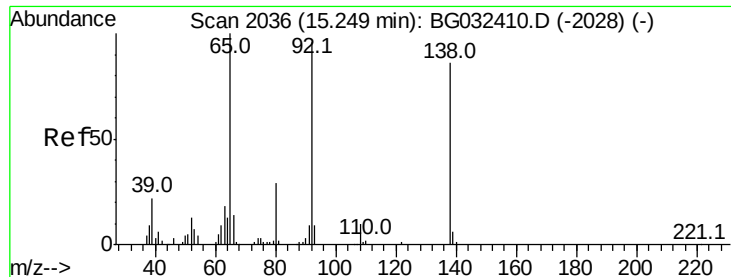
Tot Ion:165 Resp: 4293
 Ion Ratio Lower Upper
 165 100
 63 55.8 52.7 79.1
 89 67.5 49.2 73.8



#51
 Acenaphthene
 Concen: 4.673 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. -0.01 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

Tgt Ion:154 Resp: 14537
 Ion Ratio Lower Upper
 154 100
 153 115.8 90.4 135.6
 152 54.9 41.6 62.4





#52

3-Nitroaniline

Concen: 3.381 ng

RT: 15.24 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Instrument :

BNA_G

ClientSampleId :

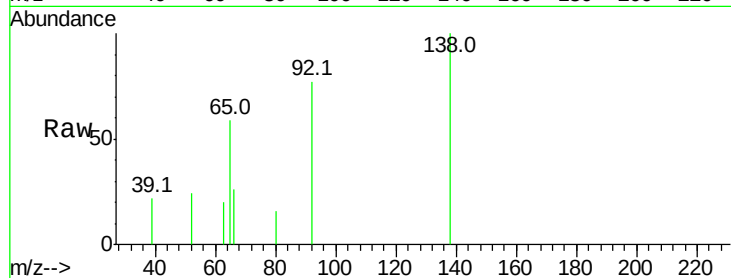
Tot Ion:138 Resp: 2561

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

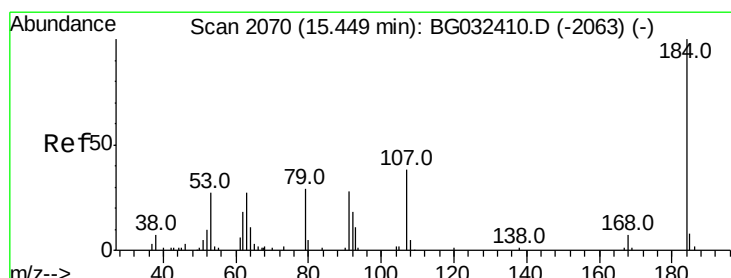
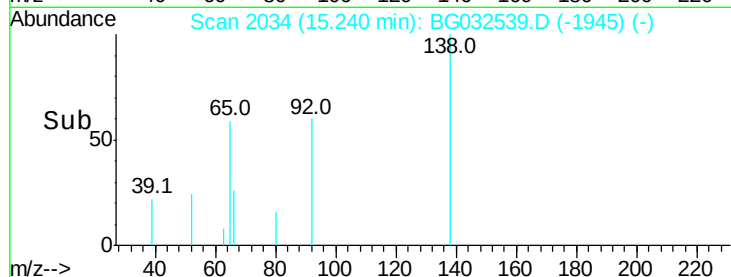
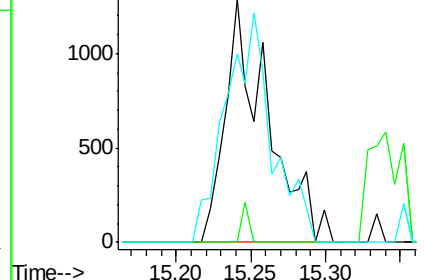
92 77.4 105.8 158.8#



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): E



#53

2,4-Dinitrophenol

Concen: 4.199 ng

RT: 15.48 min Scan# 2074

Delta R.T. 0.03 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

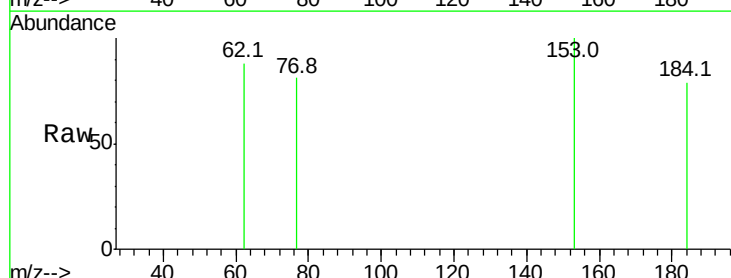
Tgt Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

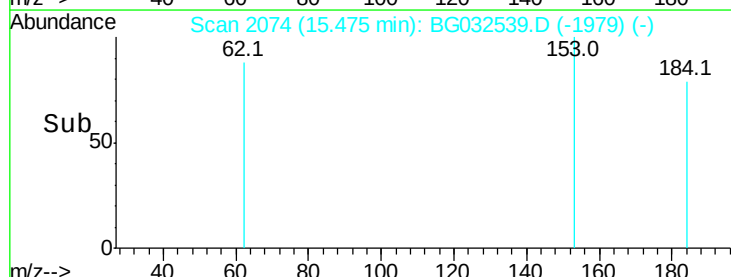
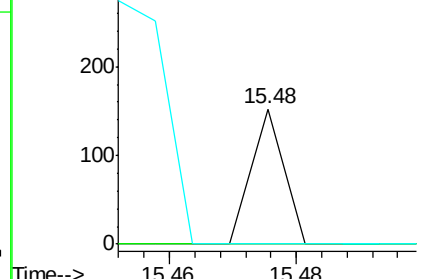
154 0.0 101.8 152.8#

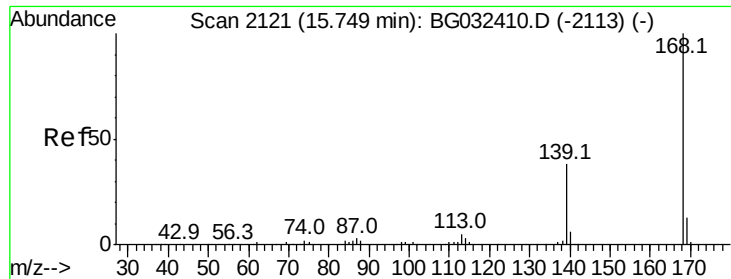


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 5.381 ng

RT: 15.74 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Instrument :

BNA_G

ClientSampleId :

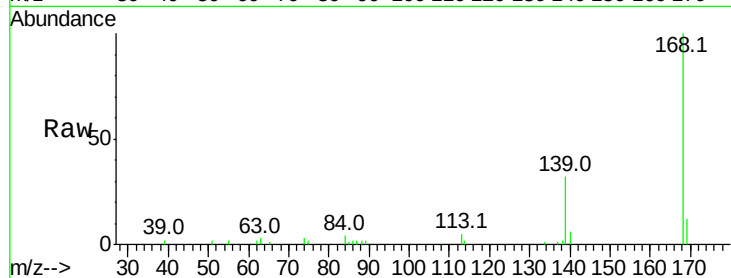
Tot Ion:168 Resp: 24776

Ion Ratio Lower Upper

168 100

139 31.7 28.6 43.0

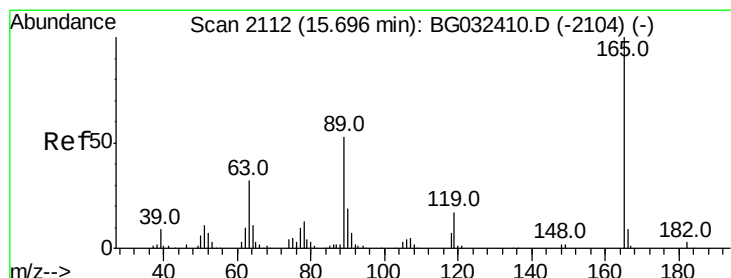
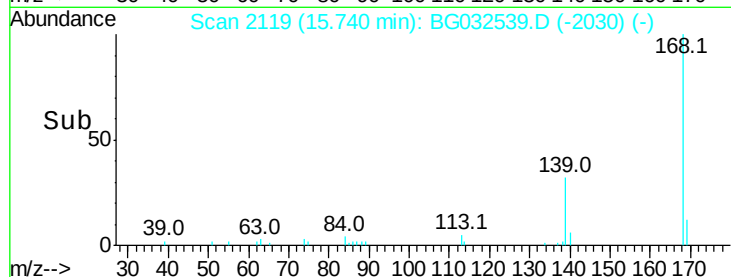
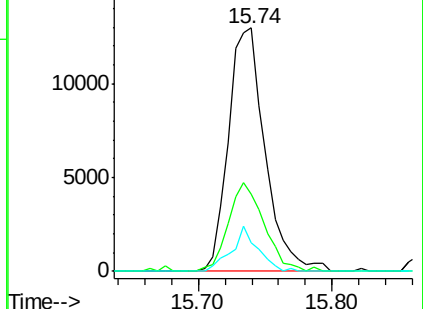
169 11.7 11.2 16.8



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



#56

2,4-Dinitrotoluene

Concen: 4.859 ng

RT: 15.68 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Tgt Ion:165 Resp: 5999

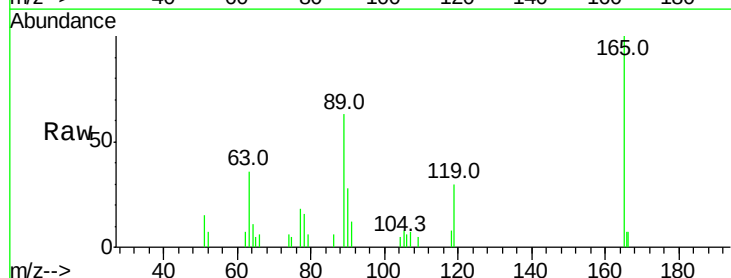
Ion Ratio Lower Upper

165 100

63 36.0 42.0 63.0#

89 63.1 66.9 100.3#

182 0.0 2.6 3.8#

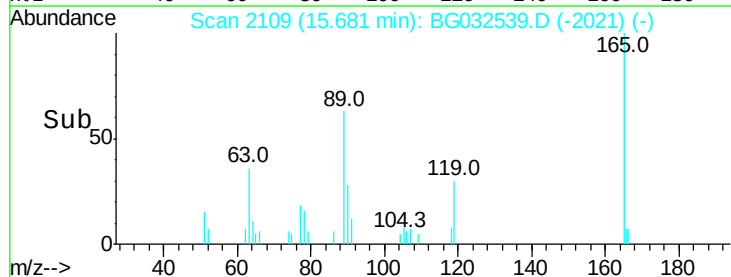
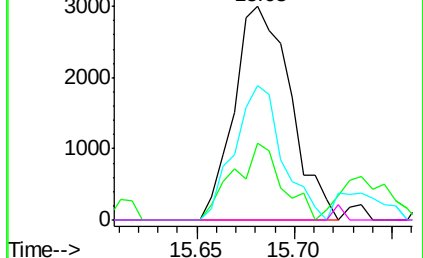


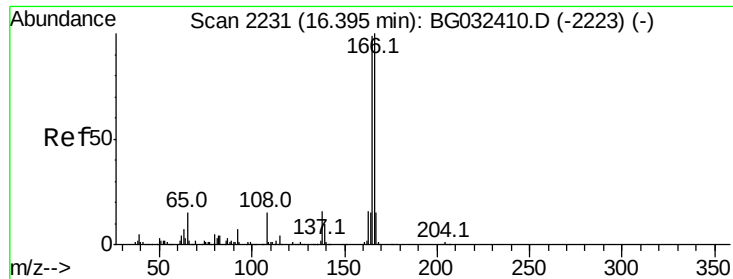
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

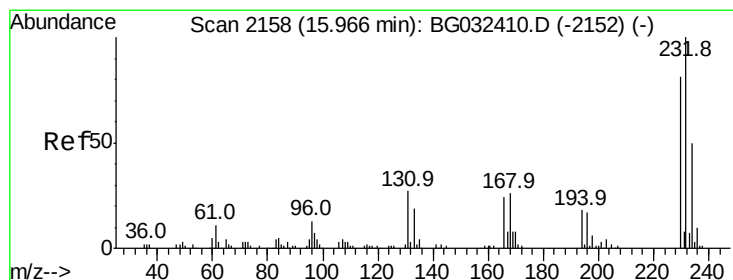
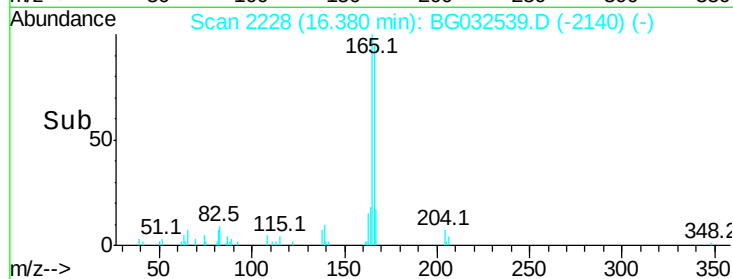
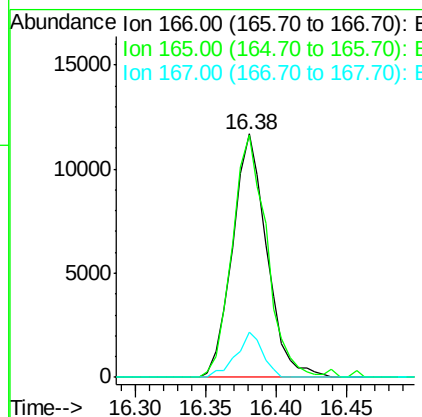
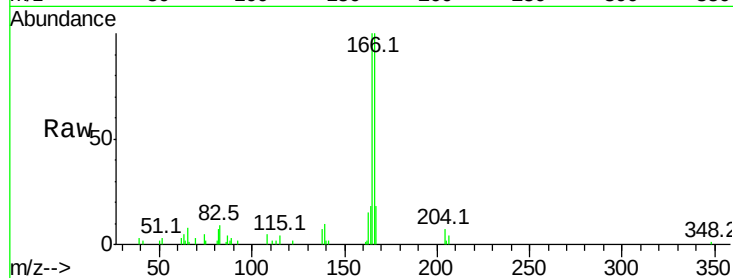




#57
 Fluorene
 Concen: 5.180 ng
 RT: 16.38 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

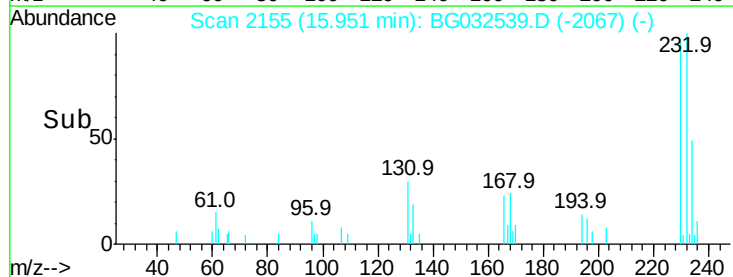
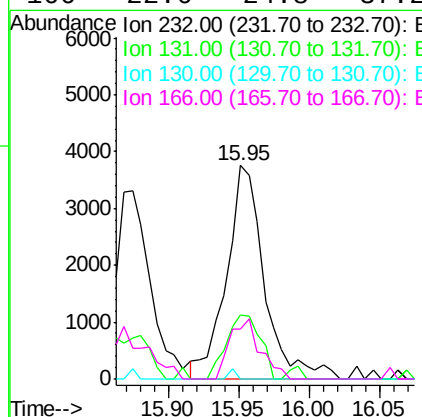
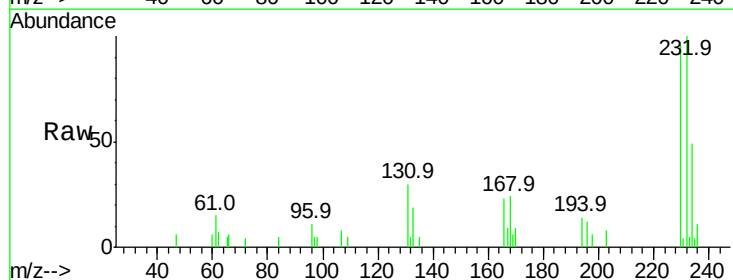
Instrument :
 BNA_G
 ClientSampleId :

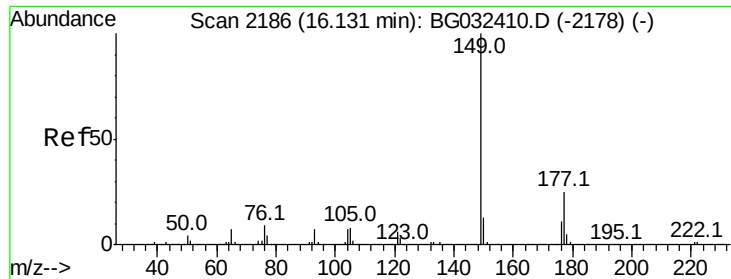
Tot Ion:166 Resp: 19819
 Ion Ratio Lower Upper
 166 100
 165 99.6 80.6 121.0
 167 18.4 10.4 15.6#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 5.342 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

Tgt Ion:232 Resp: 7003
 Ion Ratio Lower Upper
 232 100
 131 26.9 33.5 50.3#
 130 0.9 2.2 3.2#
 166 22.6 24.8 37.2#

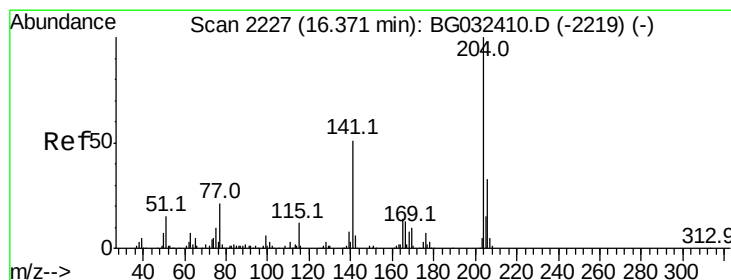
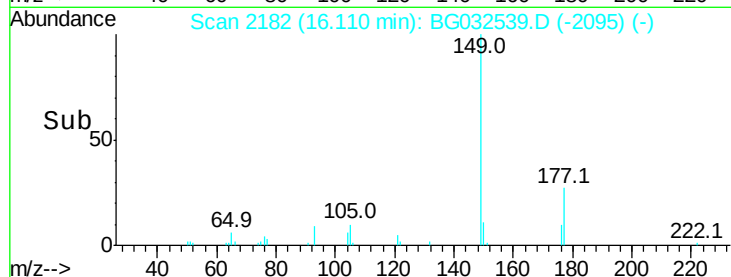
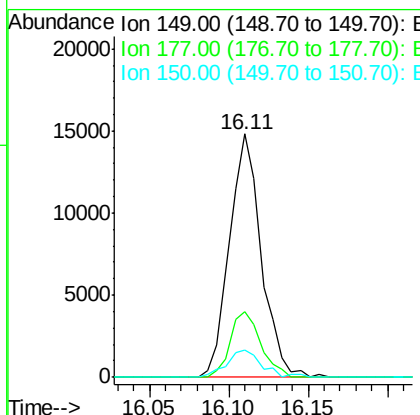
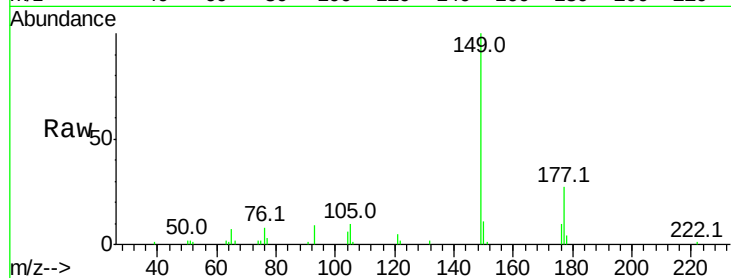




#59
Diethylphthalate
Concen: 5.115 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BG032539.D
Acq: 5 Feb 2018 18:25

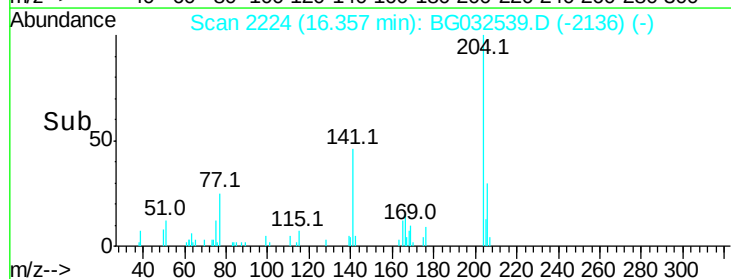
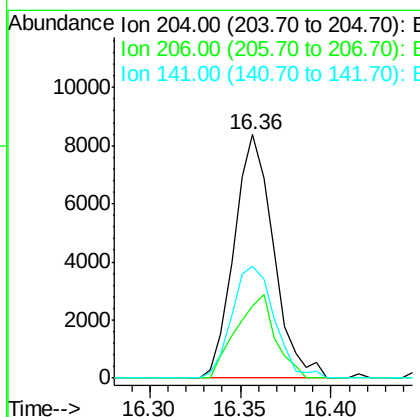
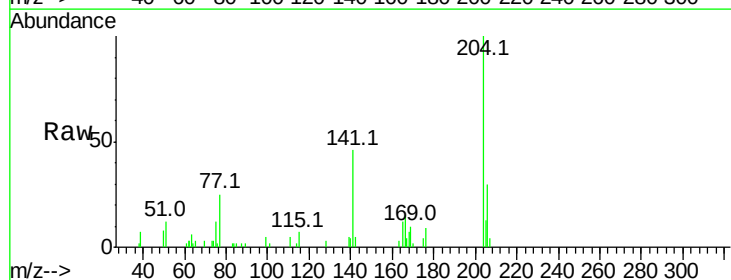
Instrument :
BNA_G
ClientSampleId :

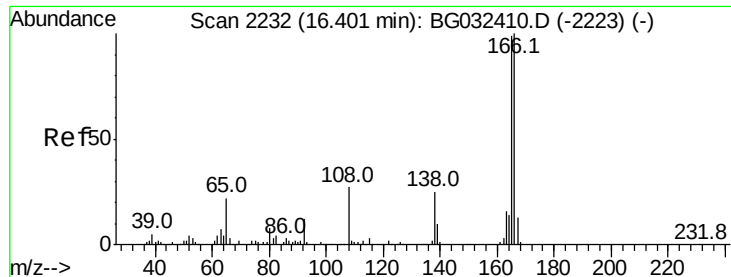
Tot Ion:149 Resp: 20582
Ion Ratio Lower Upper
149 100
177 26.8 18.5 27.7
150 11.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 5.253 ng
RT: 16.36 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG032539.D
Acq: 5 Feb 2018 18:25

Tgt Ion:204 Resp: 12675
Ion Ratio Lower Upper
204 100
206 29.5 26.2 39.2
141 45.8 45.8 68.6





#61

4-Nitroaniline

Concen: 4.830 ng

RT: 16.40 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Instrument :

BNA_G

ClientSampled :

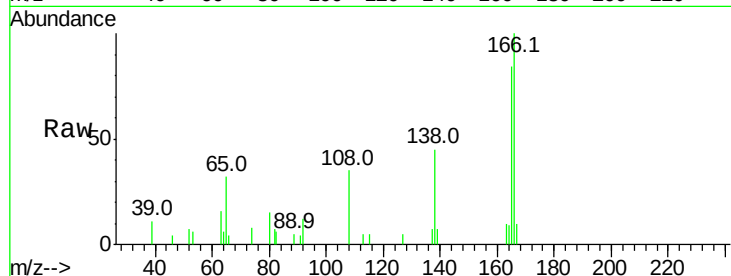
Tot Ion:138 Resp: 3921

Ion Ratio Lower Upper

138 100

92 26.4 40.1 80.1#

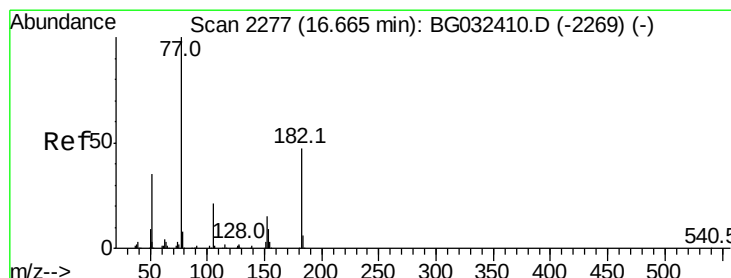
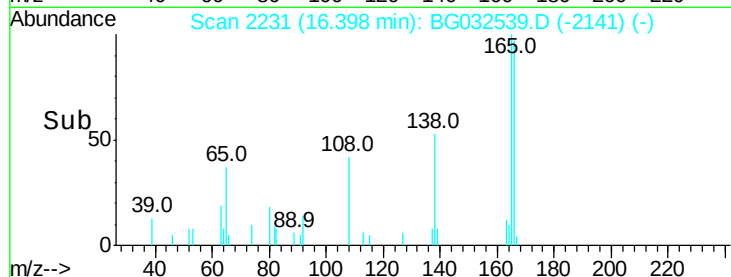
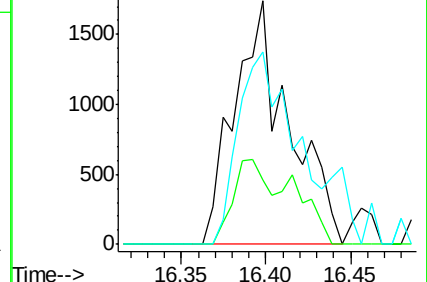
108 79.1 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 5.316 ng

RT: 16.65 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Tgt Ion: 77 Resp: 12783

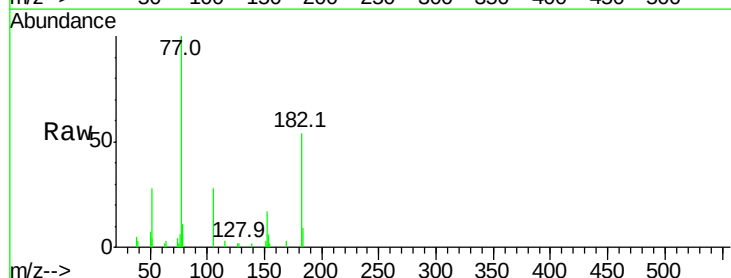
Ion Ratio Lower Upper

77 100

182 53.9 7.4 47.4#

105 28.0 0.3 40.3

51 28.4 11.6 51.6

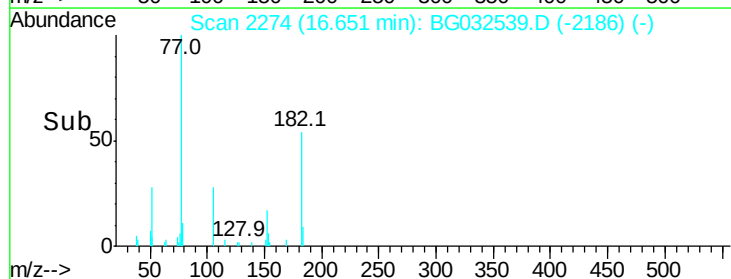
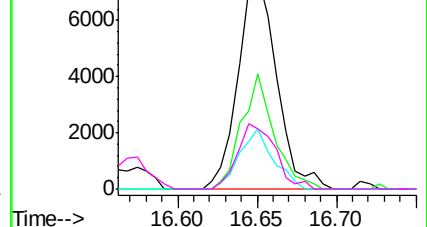


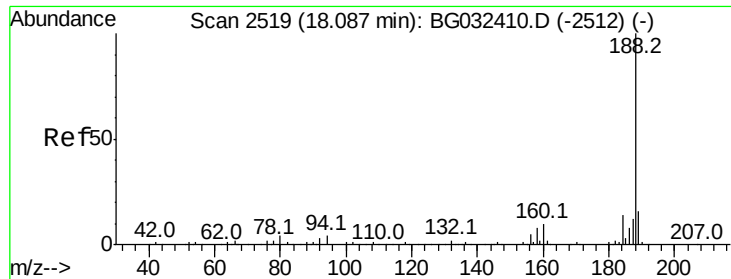
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

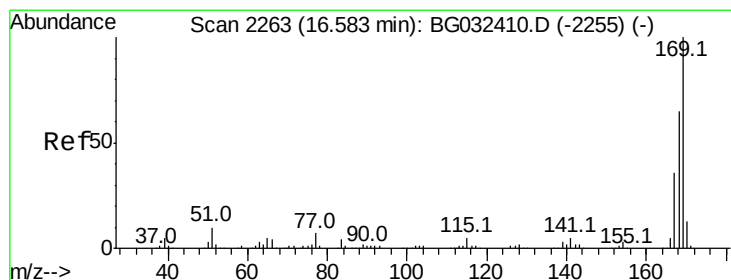
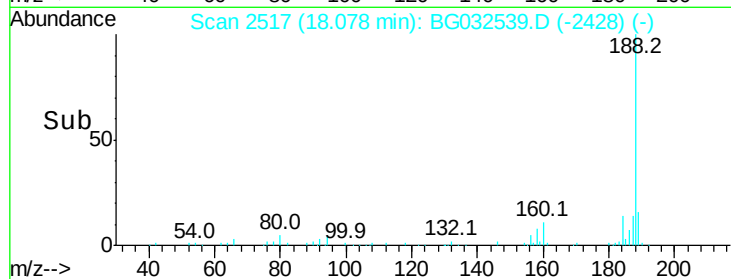
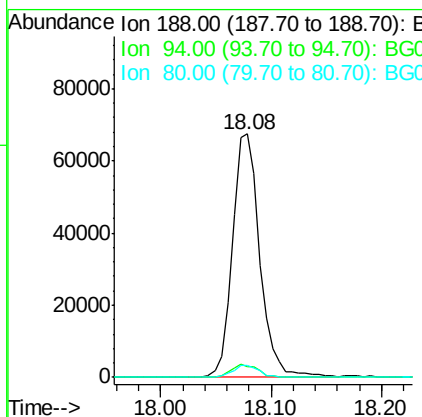
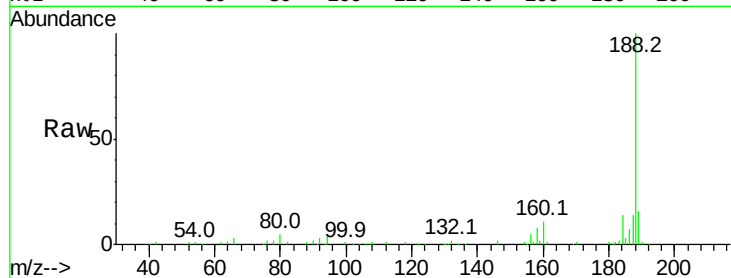




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

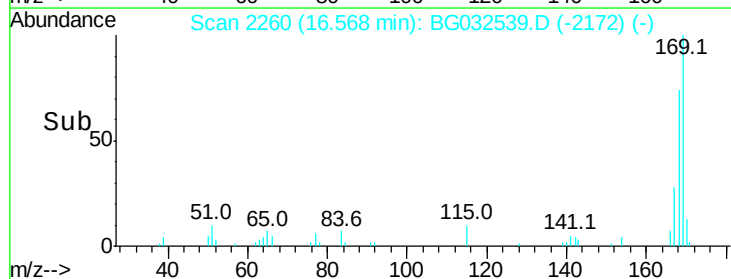
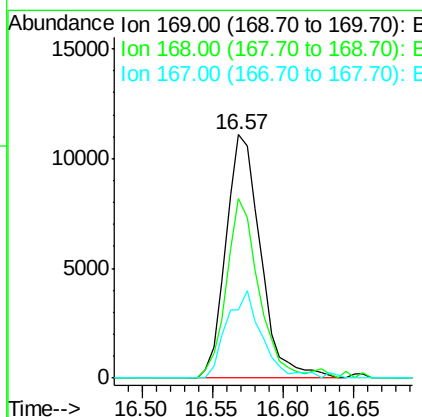
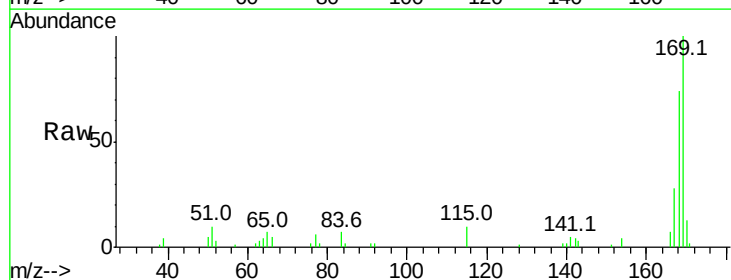
Instrument :
 BNA_G
 ClientSampleId :

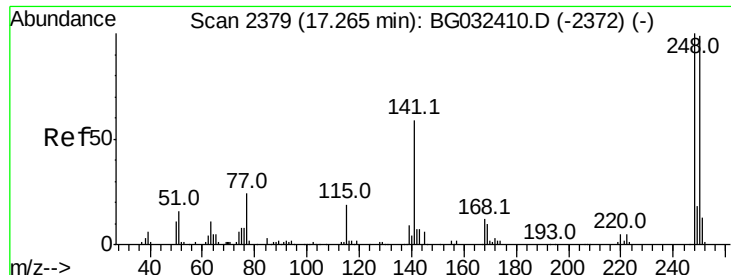
Tot Ion:188 Resp: 117140
 Ion Ratio Lower Upper
 188 100
 94 4.4 6.9 10.3#
 80 5.1 7.7 11.5#



#65
 n-Nitrosodiphenylamine
 Concen: 5.446 ng
 RT: 16.57 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

Tgt Ion:169 Resp: 19037
 Ion Ratio Lower Upper
 169 100
 168 73.9 55.7 83.5
 167 28.1 30.1 45.1#

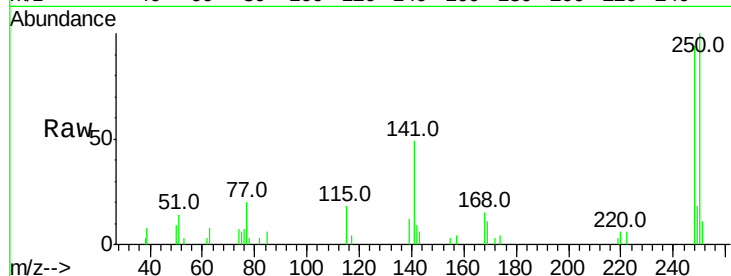




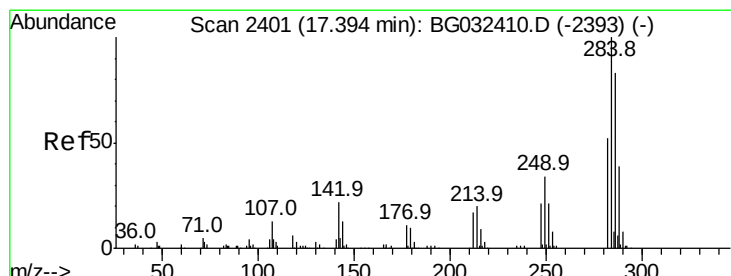
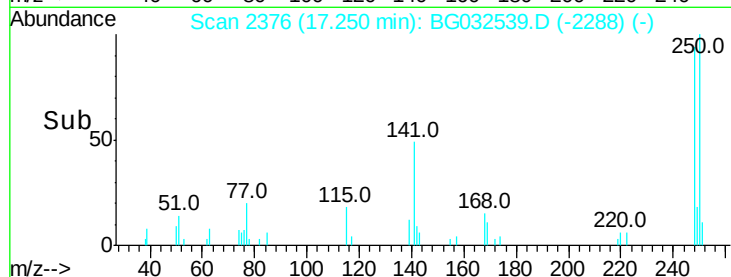
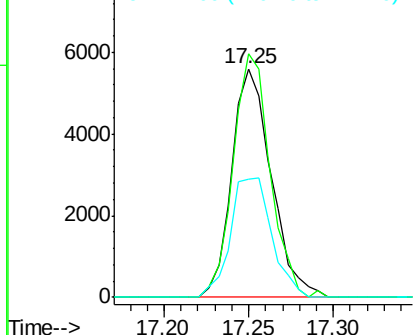
#66
 4-Bromophenyl-phenylether
 Concen: 5.224 ng
 RT: 17.25 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 9065
 Ion Ratio Lower Upper
 248 100
 250 106.6 77.1 115.7
 141 51.9 50.8 76.2

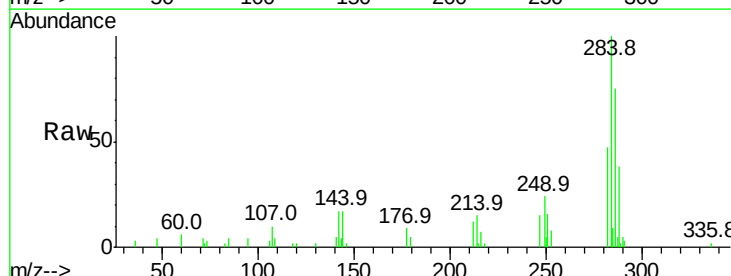


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

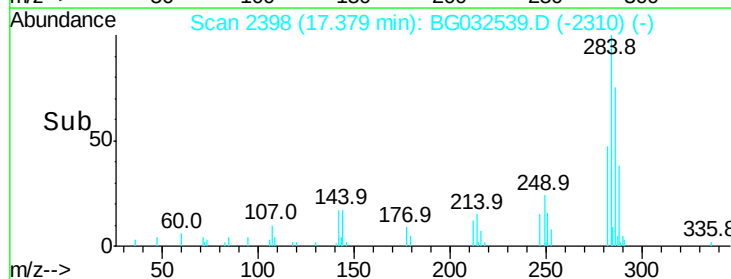
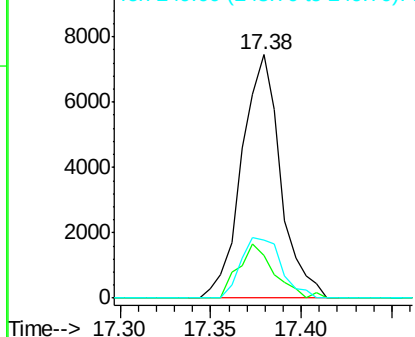


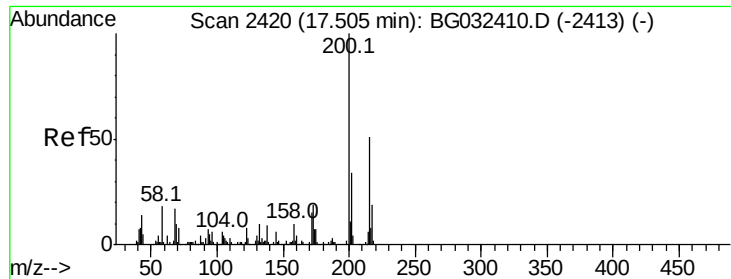
#67
 Hexachlorobenzene
 Concen: 5.781 ng
 RT: 17.38 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

Tgt Ion:284 Resp: 11103
 Ion Ratio Lower Upper
 284 100
 142 17.4 26.8 40.2#
 249 24.1 26.3 39.5#



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





#68

Atrazine

Concen: 5.683 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

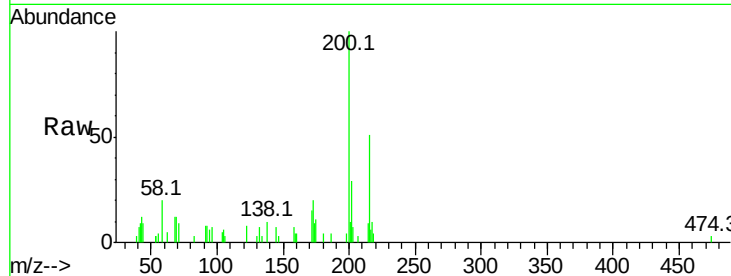
Instrument :

BNA_G

ClientSampleId :

Tot Ion:200 Resp: 8529

Ion	Ratio	Lower	Upper
200	100		
173	19.6	5.2	45.2
215	50.7	30.4	70.4

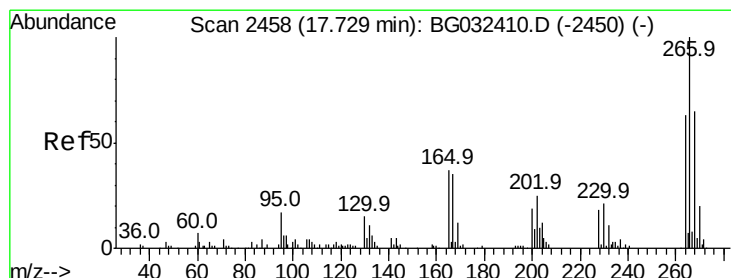
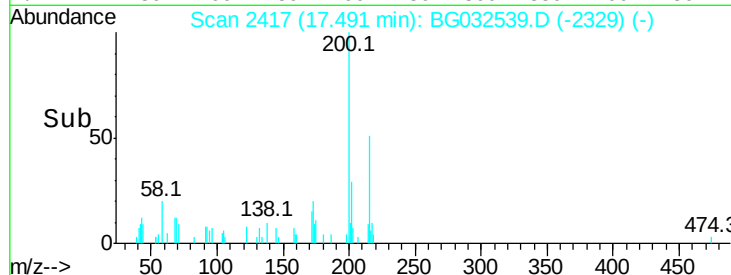
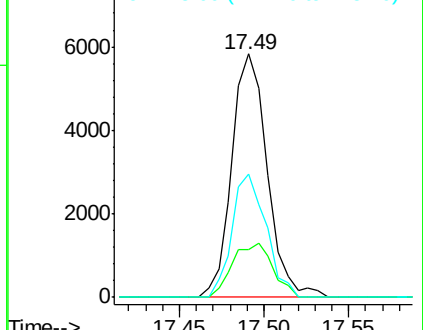


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 2.604 ng

RT: 17.71 min Scan# 2455

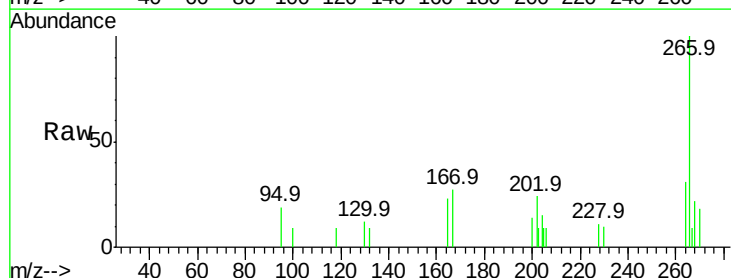
Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Tgt Ion:266 Resp: 3133

Ion	Ratio	Lower	Upper
266	100		
268	22.1	51.1	76.7#
264	30.9	49.6	74.4#

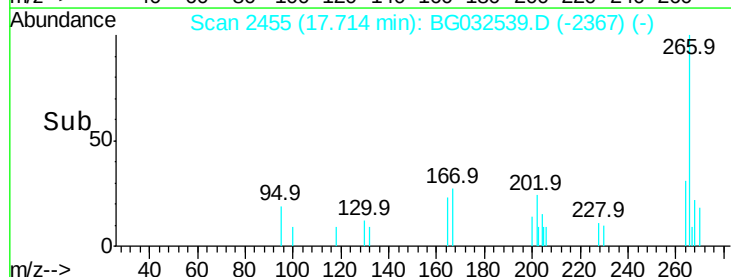
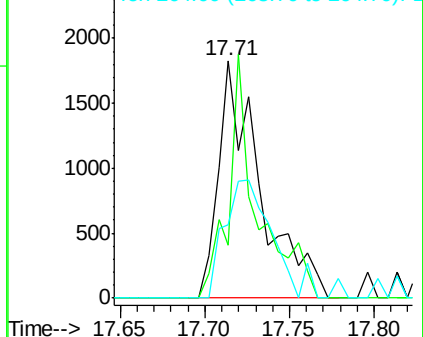


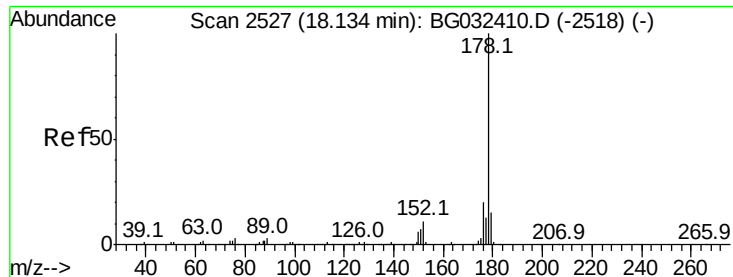
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

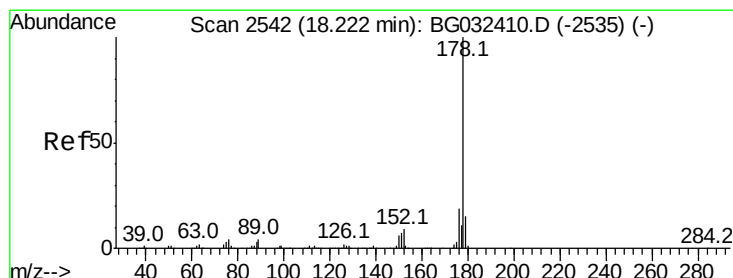
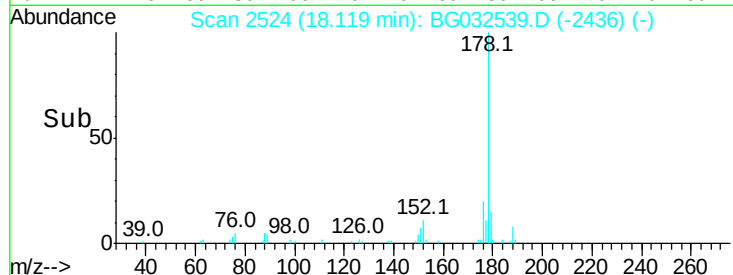
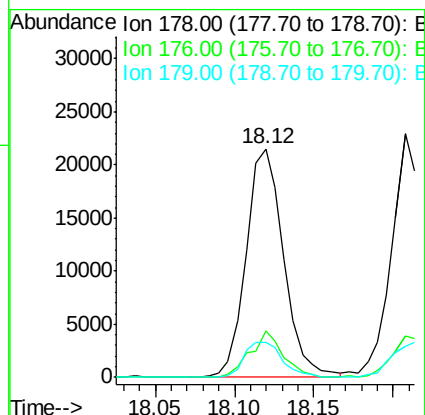
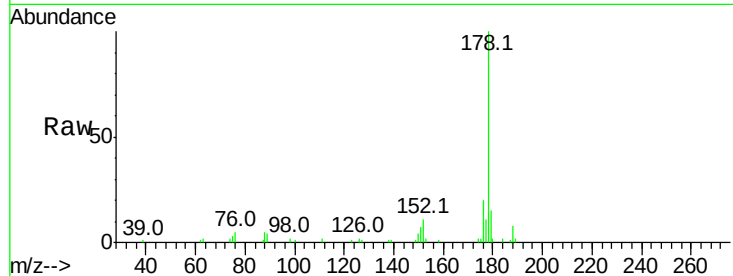




#70
Phenanthrene
Concen: 5.416 ng
RT: 18.12 min Scan# 2524
Delta R.T. -0.01 min
Lab File: BG032539.D
Acq: 5 Feb 2018 18:25

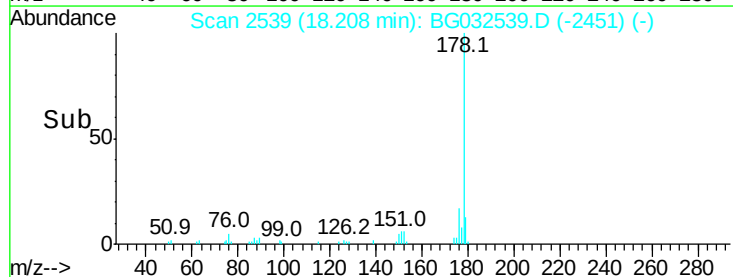
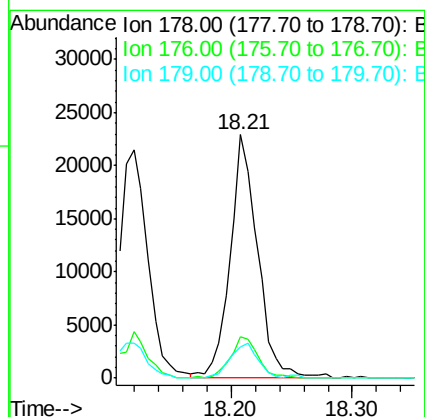
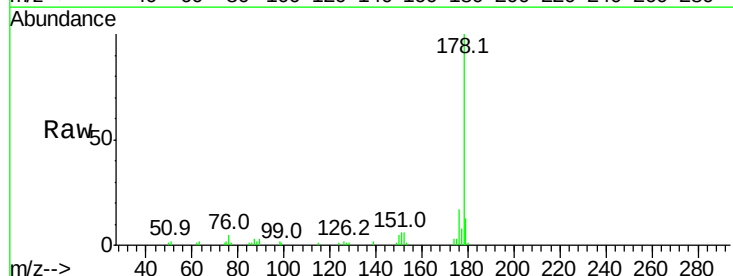
Instrument :
BNA_G
ClientSampleId :

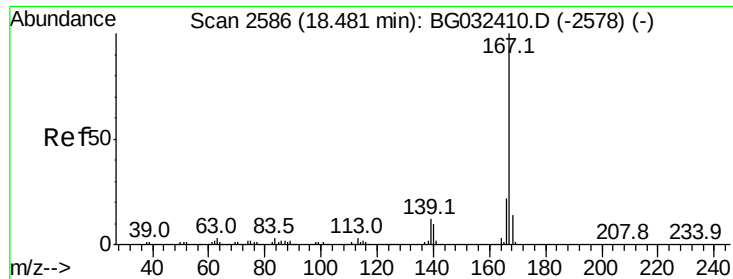
Tot Ion:178 Resp: 35382
Ion Ratio Lower Upper
178 100
176 20.2 15.7 23.5
179 15.5 12.5 18.7



#71
Anthracene
Concen: 5.576 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG032539.D
Acq: 5 Feb 2018 18:25

Tgt Ion:178 Resp: 36269
Ion Ratio Lower Upper
178 100
176 17.2 16.0 24.0
179 12.6 12.5 18.7





#72

Carbazole

Concen: 5.279 ng

RT: 18.47 min Scan# 2584

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Instrument :

BNA_G

ClientSampleId :

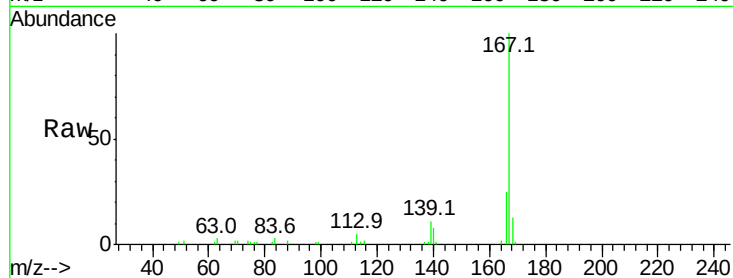
Tot Ion:167 Resp: 30337

Ion Ratio Lower Upper

167 100

166 24.8 18.2 27.4

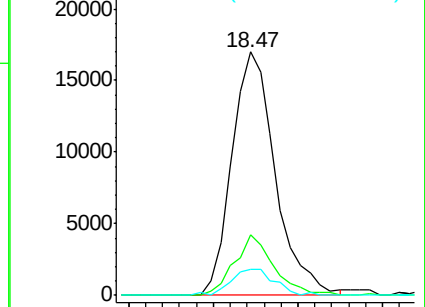
139 10.5 9.4 14.2



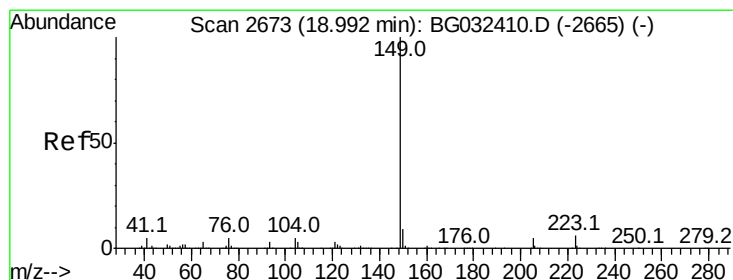
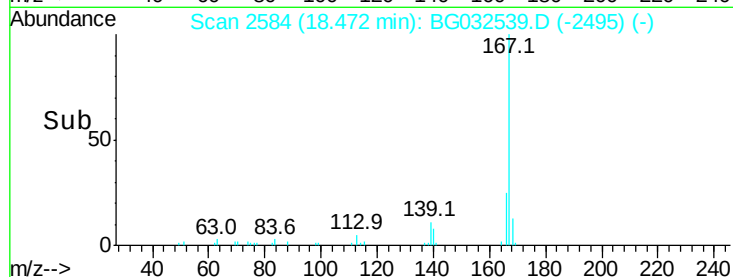
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 18.40 18.45 18.50 18.55



#73

Di-n-butylphthalate

Concen: 5.704 ng

RT: 18.98 min Scan# 2670

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

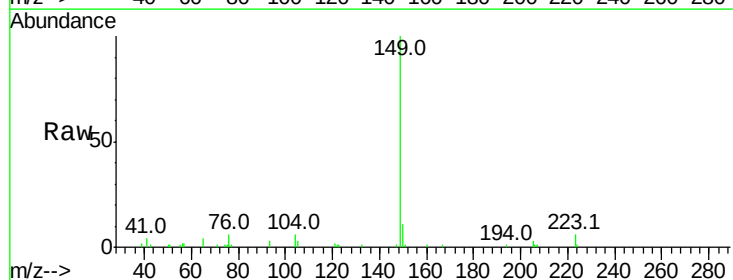
Tgt Ion:149 Resp: 36293

Ion Ratio Lower Upper

149 100

150 10.5 7.8 11.6

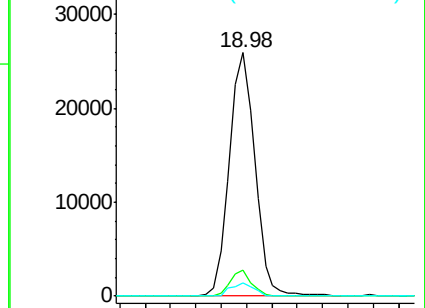
104 5.6 3.9 5.9



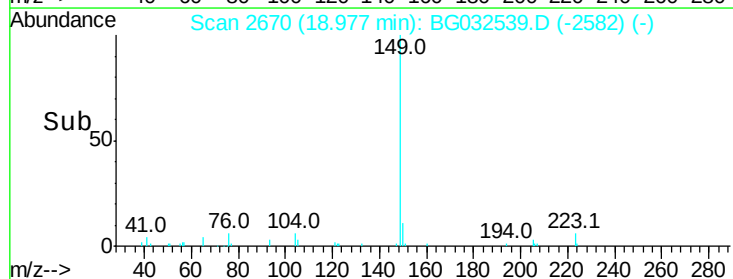
Abundance Ion 149.00 (148.70 to 149.70): E

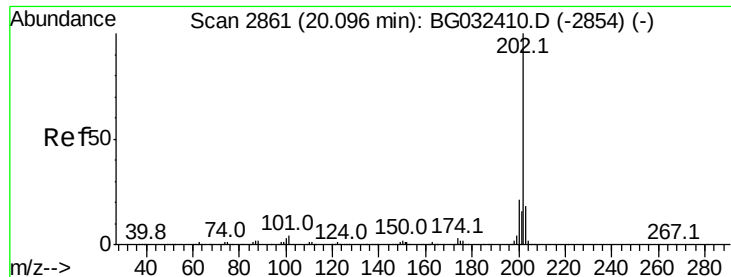
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.90 19.00





#74

Fluoranthene

Concen: 5.346 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Instrument :

BNA_G

ClientSampleId :

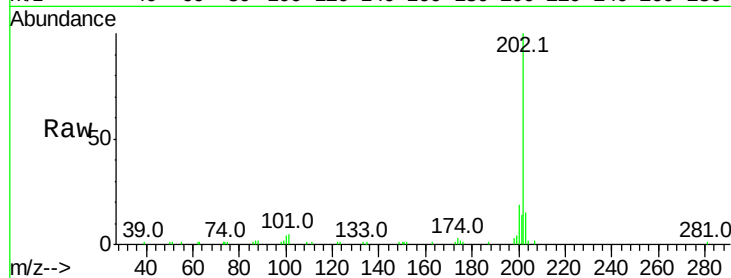
Tot Ion:202 Resp: 45800

Ion Ratio Lower Upper

202 100

101 4.8 0.0 28.9

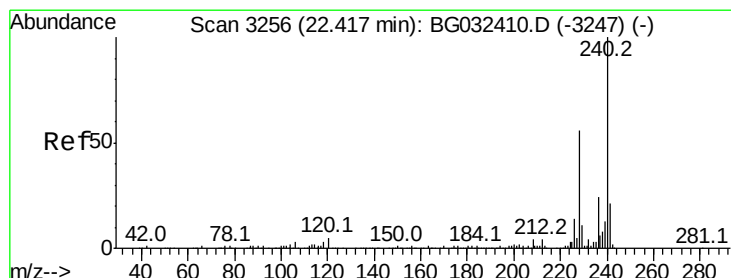
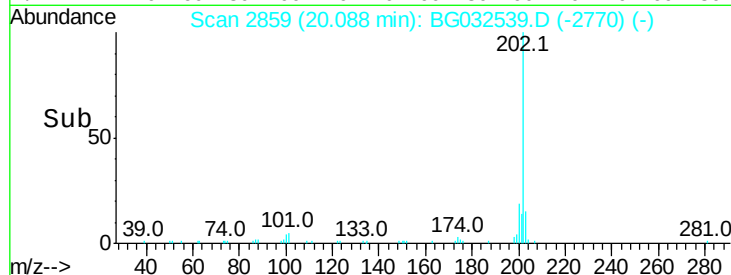
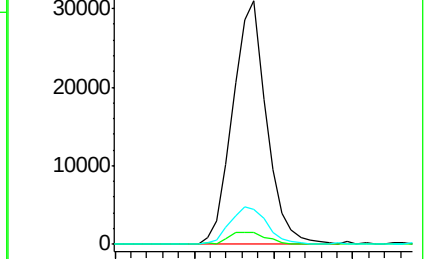
203 14.6 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3253

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

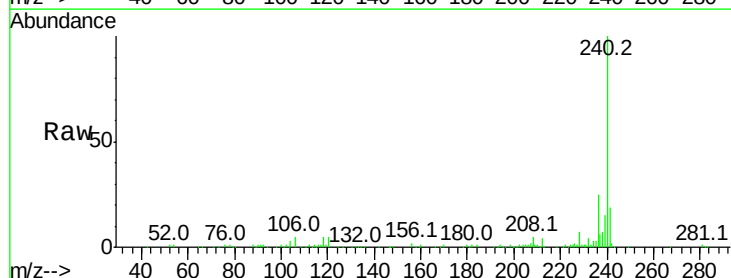
Tgt Ion:240 Resp: 156217

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

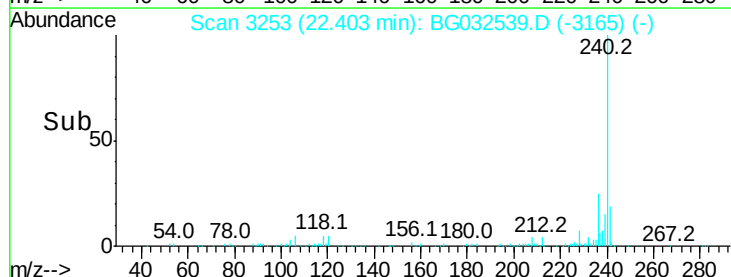
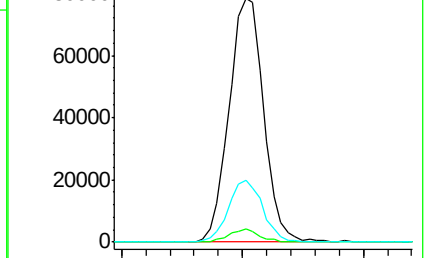
236 25.3 20.9 31.3

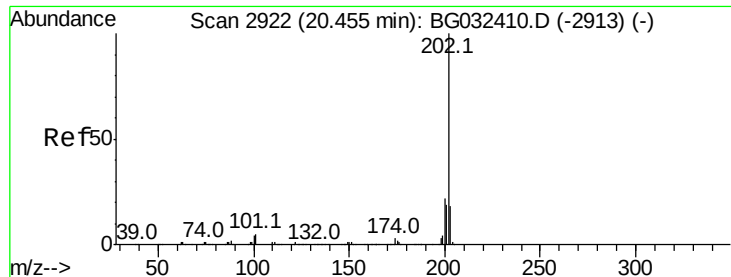


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 4.851 ng

RT: 20.44 min Scan# 2919

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Instrument :

BNA_G

ClientSampleId :

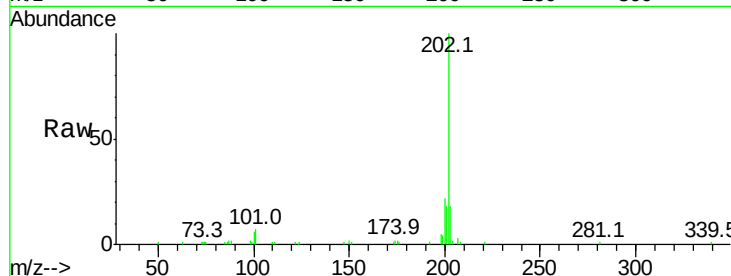
Tot Ion:202 Resp: 46484

Ion Ratio Lower Upper

202 100

200 21.9 16.9 25.3

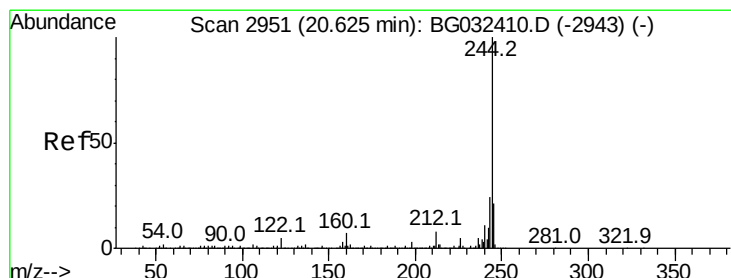
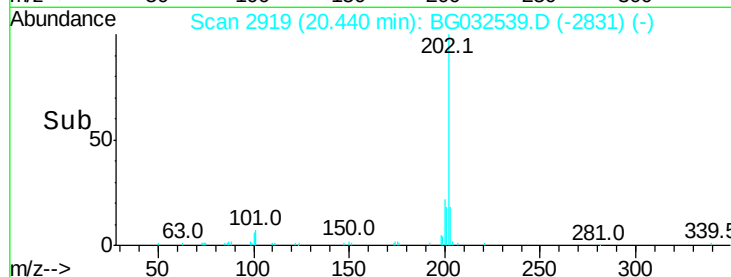
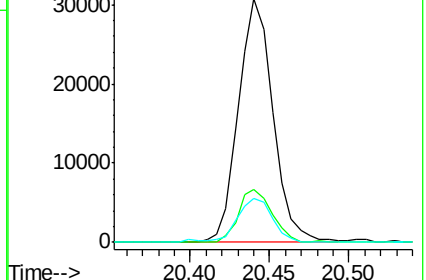
203 17.9 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.007 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

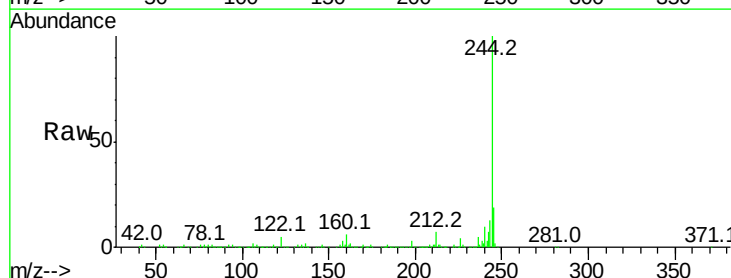
Tgt Ion:244 Resp: 547008

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

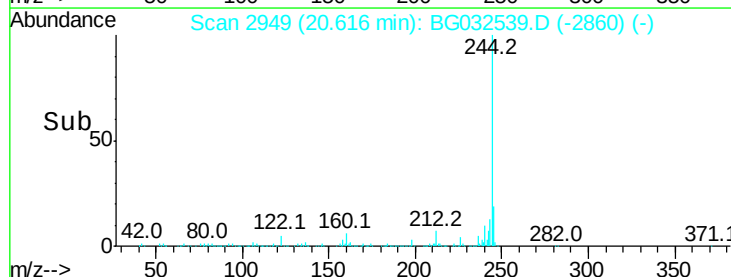
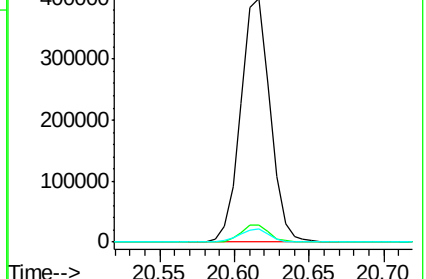
122 5.2 7.0 10.4#

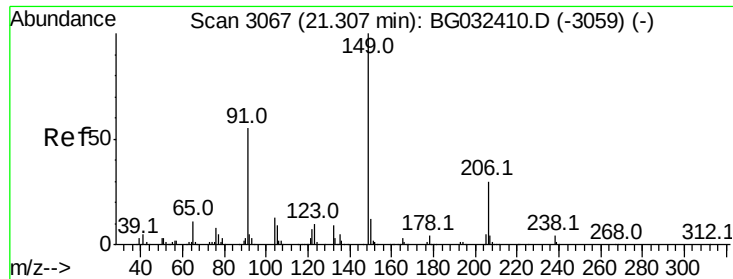


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 5.440 ng

RT: 21.29 min Scan# 3064

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Instrument :

BNA_G

ClientSampleId :

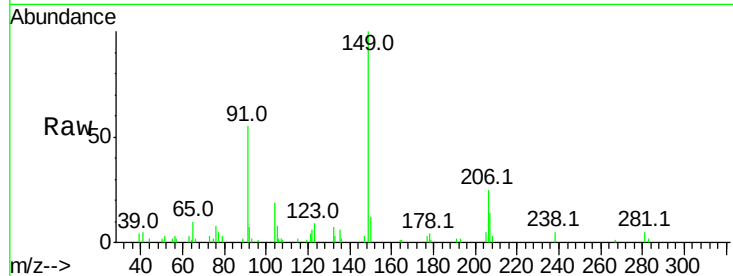
Tot Ion:149 Resp: 16441

Ion Ratio Lower Upper

149 100

91 55.0 62.2 93.2#

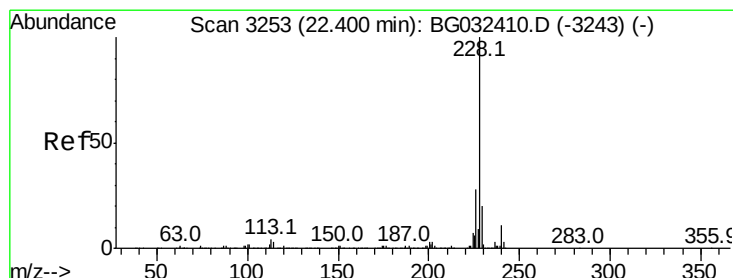
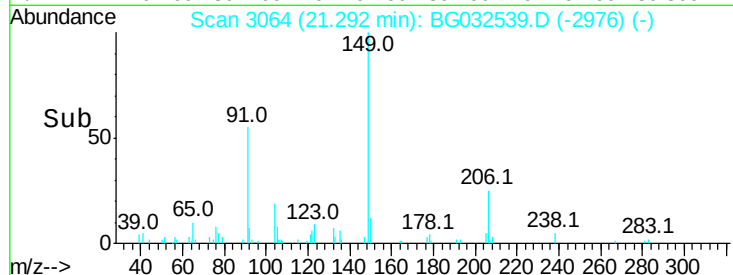
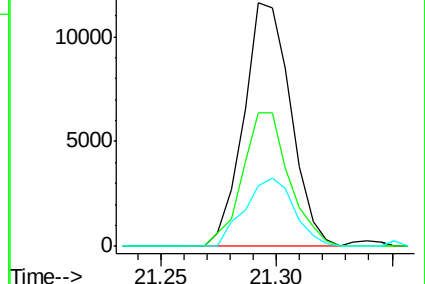
206 24.9 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 5.399 ng

RT: 22.38 min Scan# 3249

Delta R.T. -0.02 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

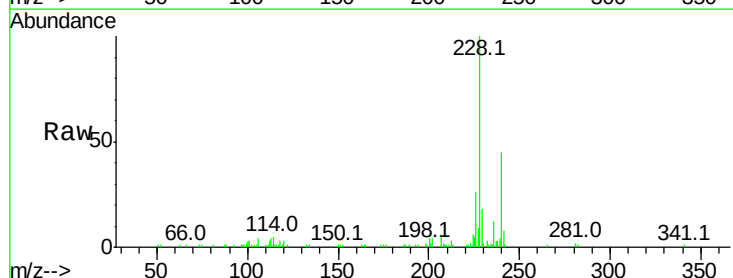
Tgt Ion:228 Resp: 52289

Ion Ratio Lower Upper

228 100

226 25.6 22.7 34.1

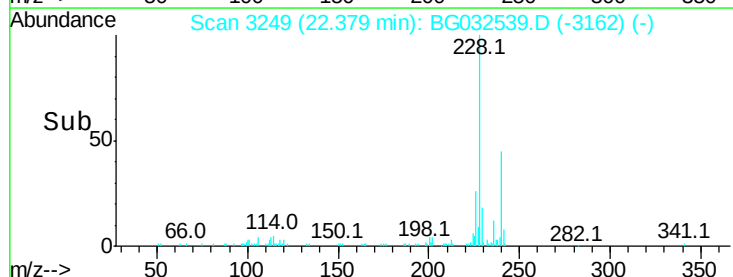
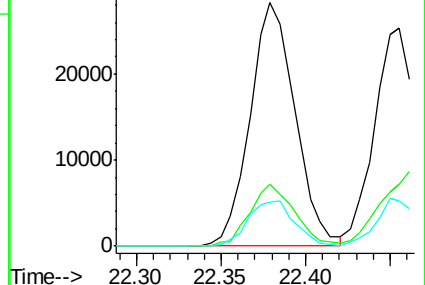
229 18.2 16.2 24.2

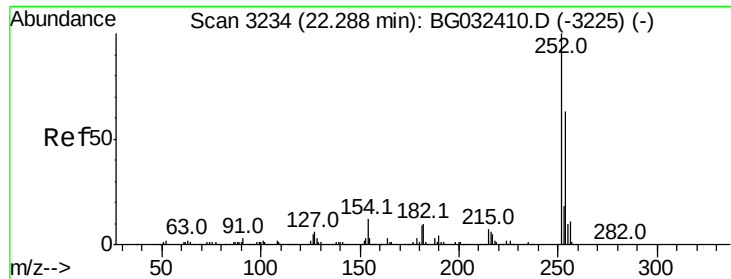


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

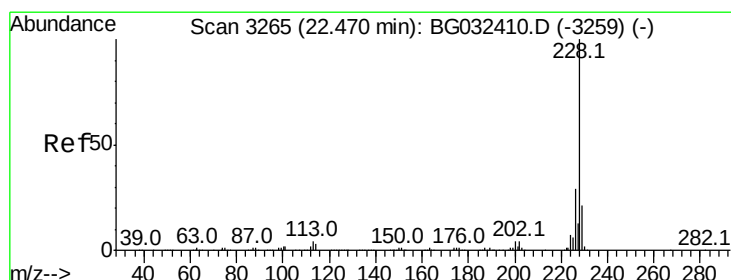
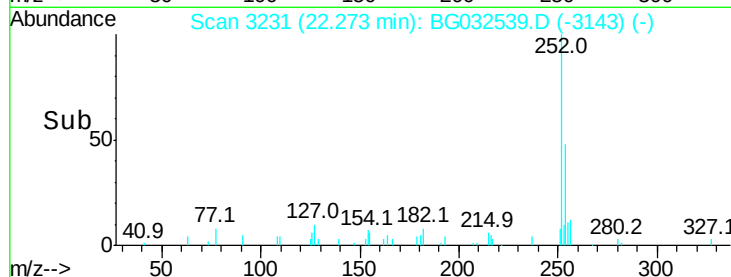
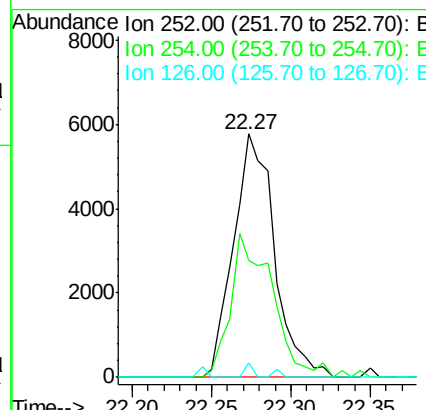
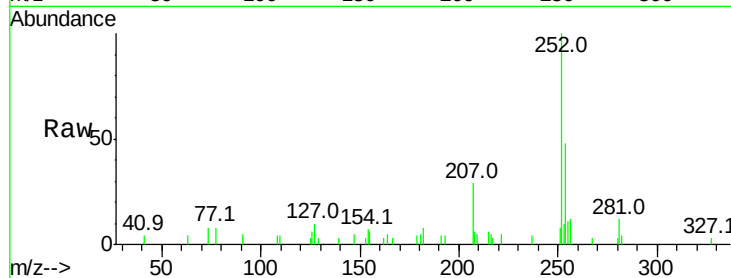




#81
 3,3'-Dichlorobenzidine
 Concen: 2.754 ng
 RT: 22.27 min Scan# 3231
 Delta R.T. -0.01 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

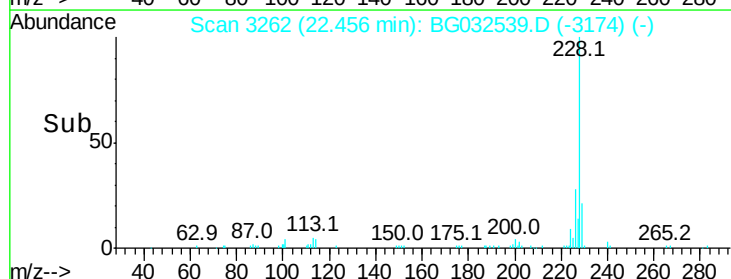
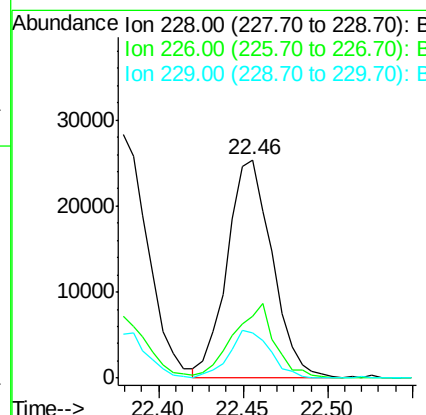
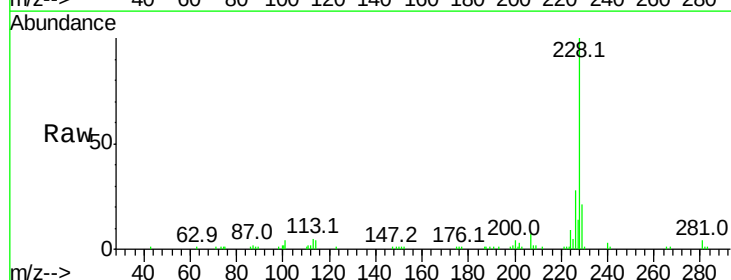
Instrument :
 BNA_G
 ClientSampleId :

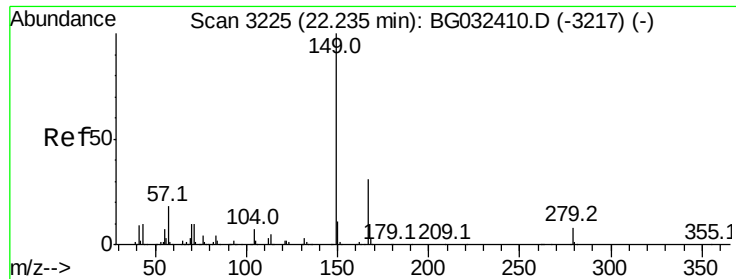
Tot Ion:252 Resp: 10333
 Ion Ratio Lower Upper
 252 100
 254 48.2 50.8 76.2#
 126 5.8 7.4 11.2#



#82
 Chrysene
 Concen: 5.050 ng
 RT: 22.46 min Scan# 3262
 Delta R.T. -0.01 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

Tgt Ion:228 Resp: 47235
 Ion Ratio Lower Upper
 228 100
 226 28.3 24.9 37.3
 229 21.0 15.0 22.4

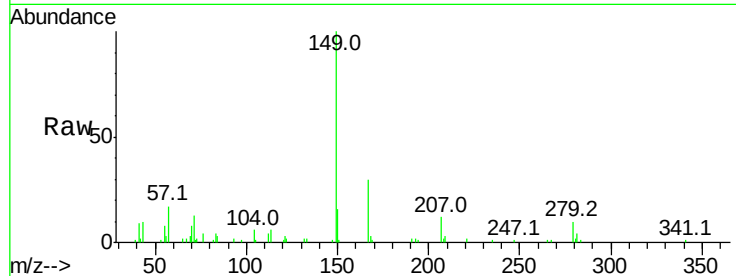




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.484 ng
 RT: 22.22 min Scan# 3222
 Delta R.T. -0.01 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.3	36.5
279	9.9	4.0	6.0

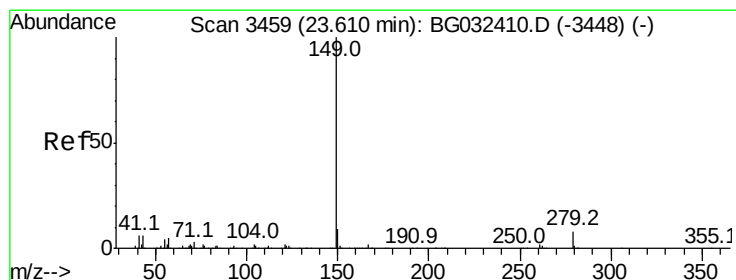
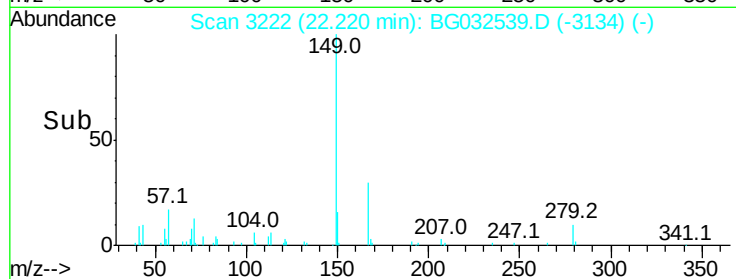
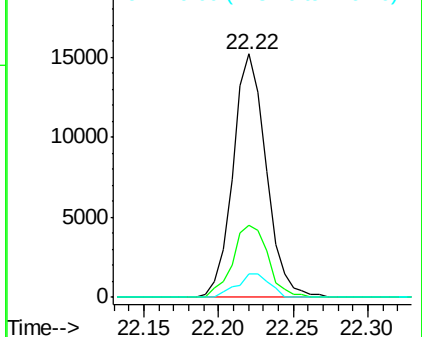


Abundance

Ion 149.00 (148.70 to 149.70): E

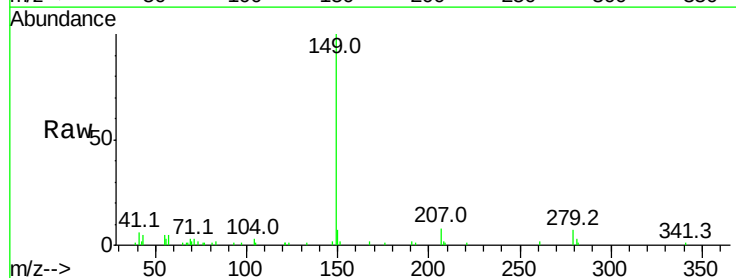
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 6.191 ng
 RT: 23.58 min Scan# 3454
 Delta R.T. -0.03 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.0	8.9	13.3

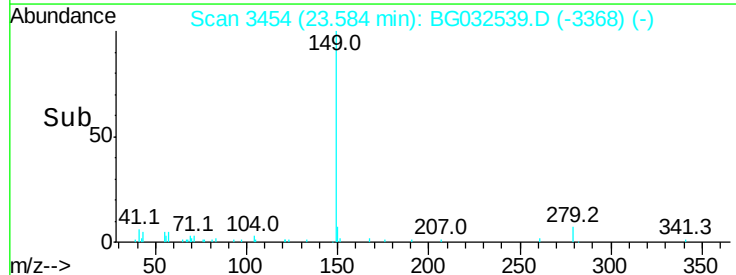
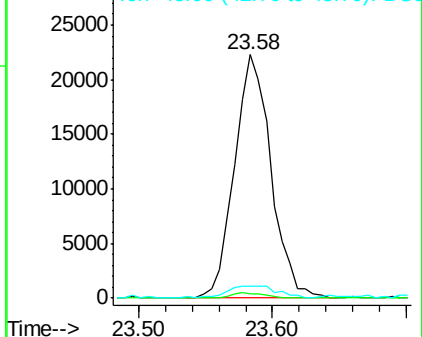


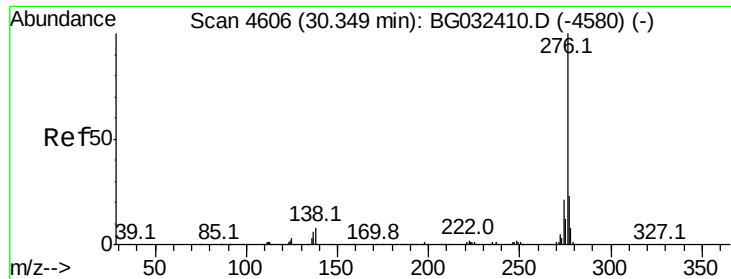
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 5.466 ng

RT: 30.31 min Scan# 4599

Delta R.T. -0.04 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Instrument :

BNA_G

ClientSampleId :

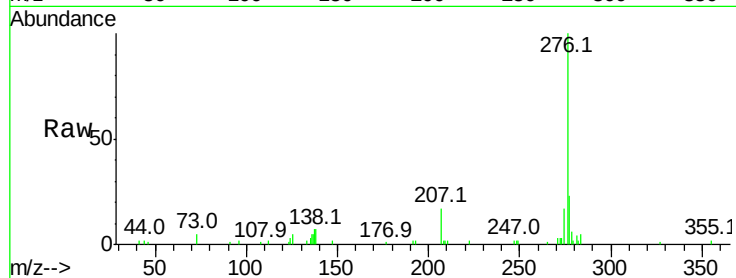
Tot Ion:276 Resp: 64671

Ion Ratio Lower Upper

276 100

138 4.4 16.0 24.0#

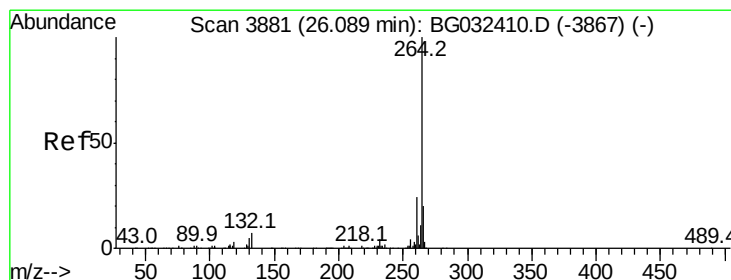
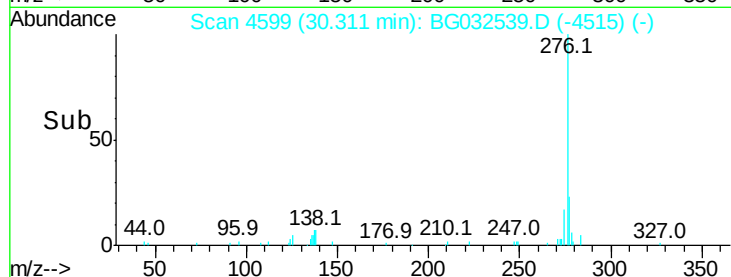
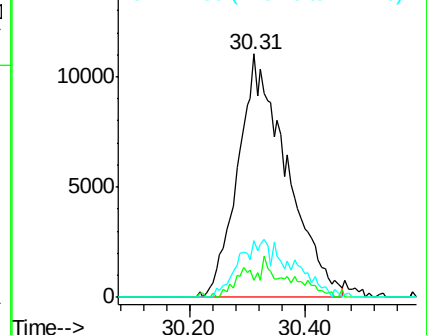
277 0.0 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.07 min Scan# 3878

Delta R.T. -0.01 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

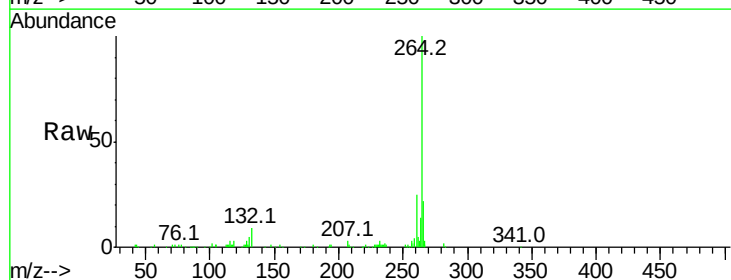
Tgt Ion:264 Resp: 172119

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

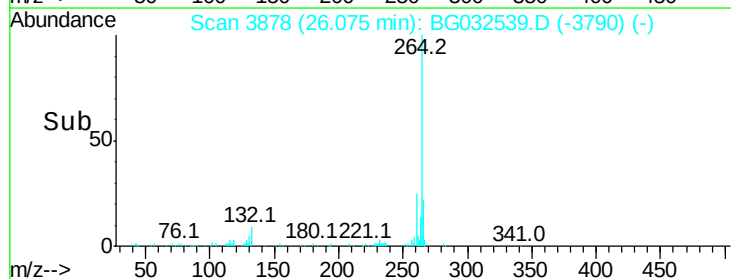
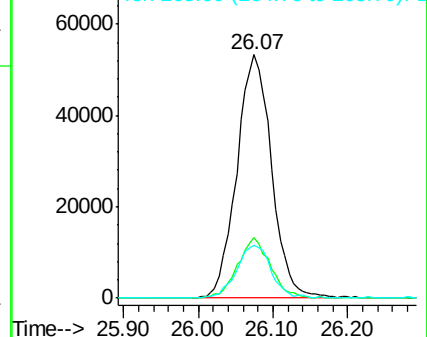
265 21.6 17.7 26.5

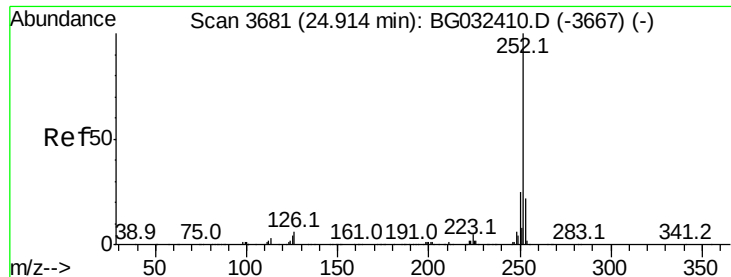


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 5.330 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.02 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Instrument :

BNA_G

ClientSampleId :

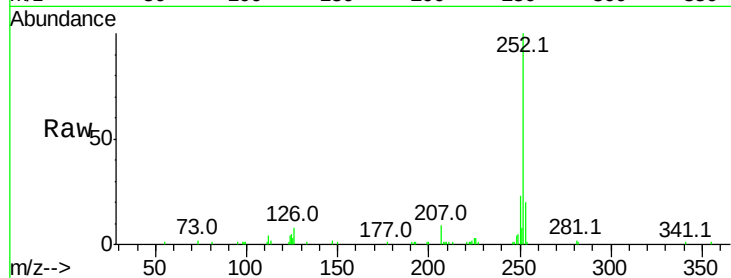
Tot Ion:252 Resp: 55428

Ion Ratio Lower Upper

252 100

253 20.4 18.2 27.4

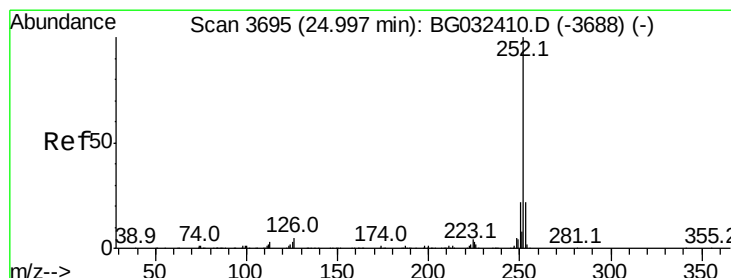
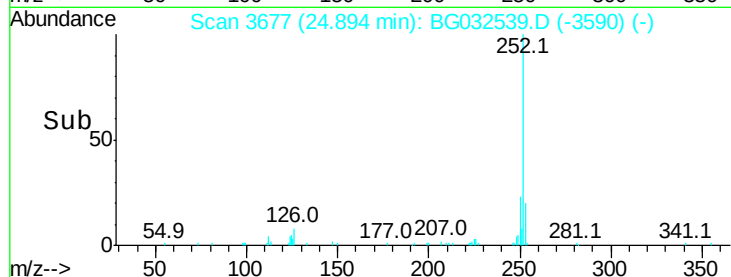
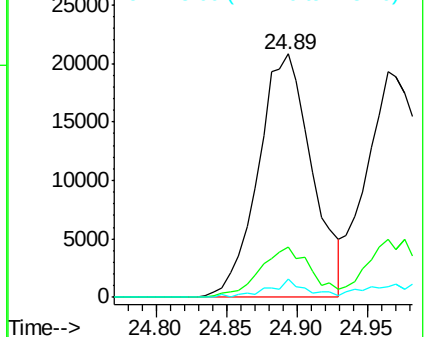
125 7.8 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 5.380 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.10 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

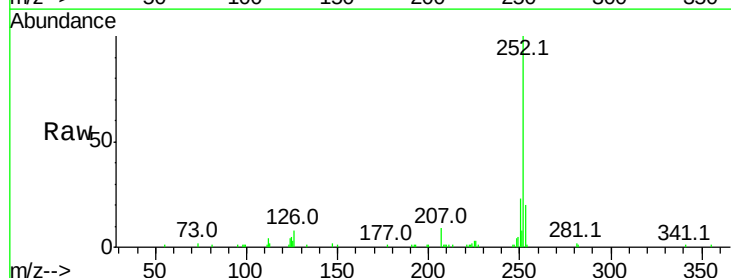
Tgt Ion:252 Resp: 55428

Ion Ratio Lower Upper

252 100

253 20.4 17.4 26.2

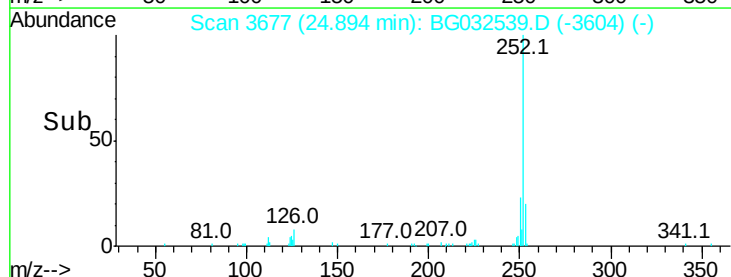
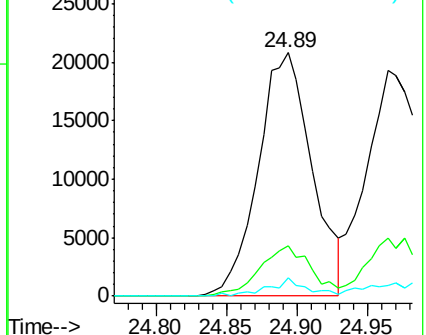
125 7.8 6.6 9.8

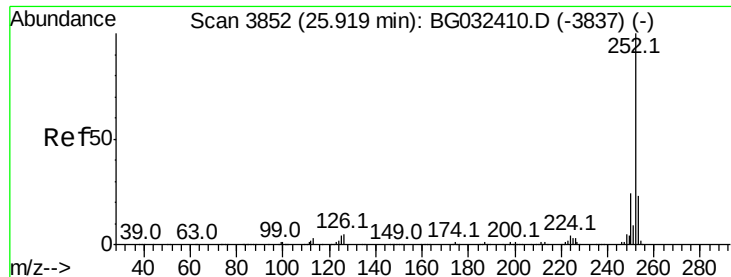


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 5.390 ng

RT: 25.89 min Scan# 3847

Delta R.T. -0.03 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

Instrument :

BNA_G

ClientSampleId :

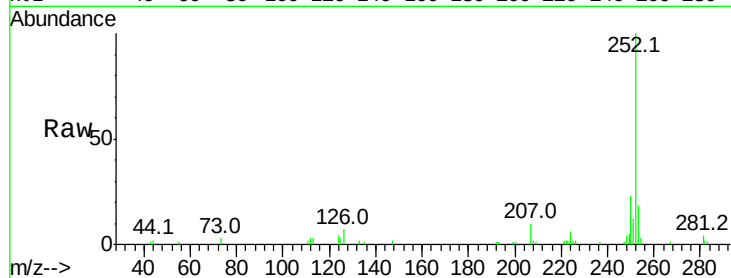
Tot Ion:252 Resp: 53436

Ion Ratio Lower Upper

252 100

253 17.7 18.3 27.5#

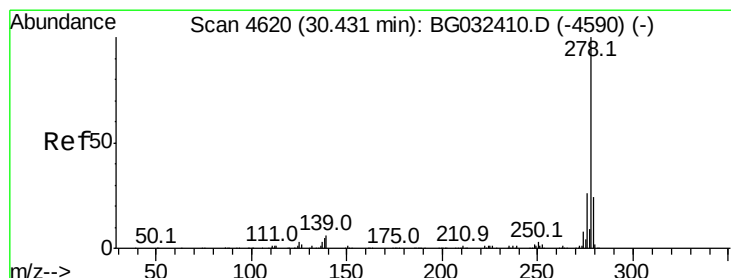
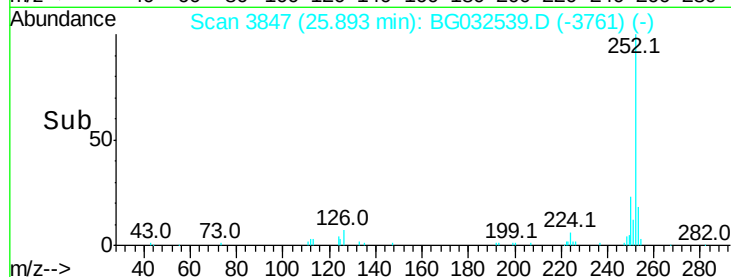
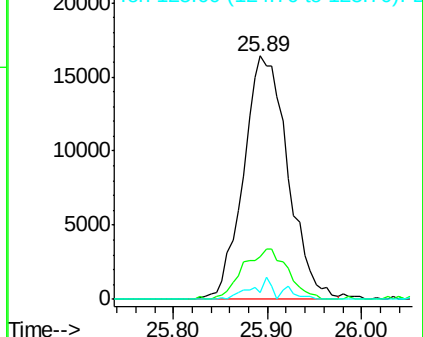
125 3.0 7.3 10.9#



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: 5.565 ng

RT: 30.39 min Scan# 4612

Delta R.T. -0.04 min

Lab File: BG032539.D

Acq: 5 Feb 2018 18:25

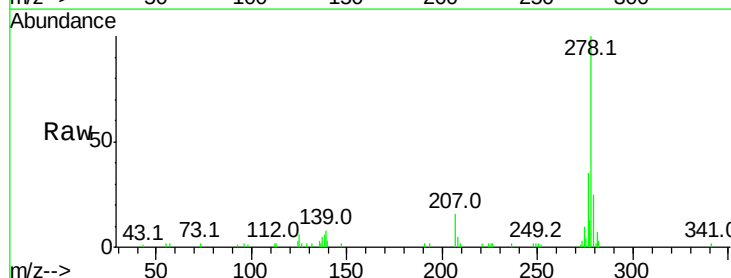
Tgt Ion:278 Resp: 56439

Ion Ratio Lower Upper

278 100

139 8.4 9.8 14.6#

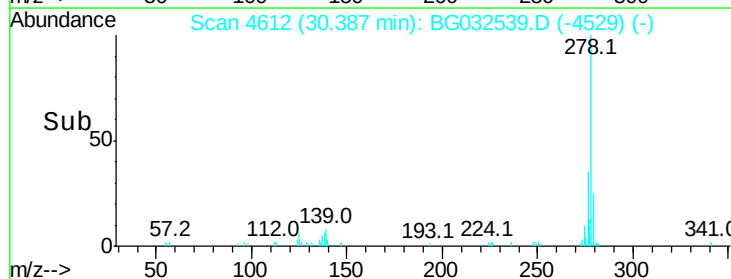
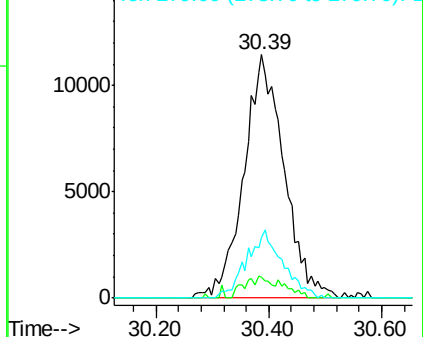
279 25.1 18.4 27.6

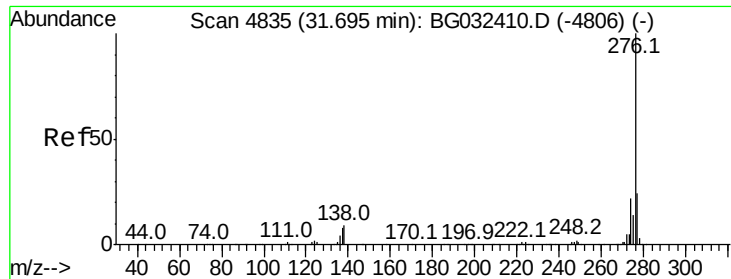


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 5.326 ng
 RT: 31.65 min Scan# 4827
 Delta R.T. -0.04 min
 Lab File: BG032539.D
 Acq: 5 Feb 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.9	18.3	27.5
138	11.4	13.9	20.9

