

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032559.D
 Acq On : 6 Feb 2018 6:55
 Operator : SJ/JU
 Sample : PB106290BS
 Misc : MDL8PPM
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 07:51:30 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	8.70	152	17068	20.00	ng	-0.02
21) Naphthalene-d8	11.59	136	67619	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	48422	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	129192	20.00	ng	0.00
75) Chrysene-d12	22.41	240	216604	20.00	ng	0.00
86) Perylene-d12	26.08	264	277781	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.15	112	128634	151.38	ng	0.00
7) Phenol-d6	7.83	99	132493	116.84	ng	0.00
23) Nitrobenzene-d5	9.91	82	77697	71.77	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	126394	137.13	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	290976	71.42	ng	-0.01
78) Terphenyl-d14	20.62	244	662143	65.48	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.80	88	10582	37.012	ng	# 74
3) Pyridine	4.25	79	28662	37.127	ng	# 75
4) n-Nitrosodimethylamine	4.16	42	16657	41.449	ng	# 65
6) Aniline	8.01	93	17259	12.207	ng	# 87
8) 2-Chlorophenol	8.25	128	43049	42.857	ng	# 81
9) Benzaldehyde	7.81	77	10226	17.460	ng	97
10) Phenol	7.86	94	43277	40.189	ng	92
11) bis(2-Chloroethyl)ether	8.09	93	28569	34.819	ng	# 78
12) 1,3-Dichlorobenzene	8.59	146	47367	34.869	ng	94
13) 1,4-Dichlorobenzene	8.74	146	48963	35.962	ng	94
14) 1,2-Dichlorobenzene	9.07	146	48844	36.621	ng	99
15) Benzyl Alcohol	8.95	79	29646	31.722	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	9.23	45	28052	36.080	ng	66
17) 2-Methylphenol	9.15	107	31005	35.451	ng	95
18) Hexachloroethane	9.82	117	16459	36.006	ng	88
19) n-Nitroso-di-n-propylamine	9.52	70	23725	31.555	ng	# 80
20) 3+4-Methylphenols	9.48	107	41483	33.814	ng	95
22) Acetophenone	9.55	105	54530	34.402	ng	# 87
24) Nitrobenzene	9.95	77	38321	36.606	ng	92
25) Isophorone	10.47	82	69824	37.879	ng	# 85
26) 2-Nitrophenol	10.68	139	25430	40.186	ng	# 78
27) 2,4-Dimethylphenol	10.71	122	37453	41.235	ng	92
28) bis(2-Chloroethoxy)methane	10.95	93	39836	39.409	ng	# 96
29) 2,4-Dichlorophenol	11.22	162	47103	39.147	ng	92
30) 1,2,4-Trichlorobenzene	11.44	180	53650	33.454	ng	99
31) Naphthalene	11.64	128	127036	38.466	ng	98
32) Benzoic acid	10.79	122	1571	9.250	ng	# 38
33) 4-Chloroaniline	11.74	127	20105	13.649	ng	94
34) Hexachlorobutadiene	11.90	225	41708	33.428	ng	92
35) Caprolactam	12.47	113	13766	39.854	ng	# 39
36) 4-Chloro-3-methylphenol	12.82	107	44348	38.857	ng	# 80
37) 2-Methylnaphthalene	13.20	142	102261	36.857	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	74017	32.674	ng	96
40) Hexachlorocyclopentadiene	13.53	237	97306	68.748	ng	91

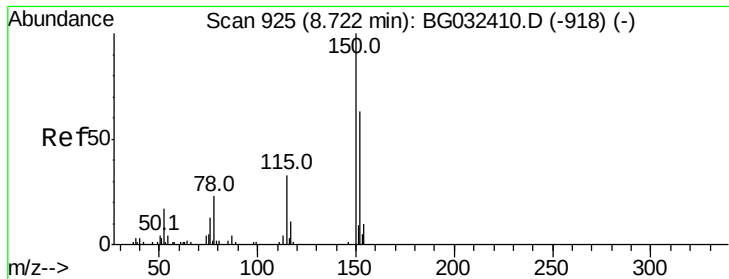
Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	45363	36.815	nq	92
43) 2,4,5-Trichlorophenol	13.87	196	51192	35.639	nq	# 87
45) 1,1'-Biphenyl	14.18	154	142760	34.897	nq	92
46) 2-Chloronaphthalene	14.24	162	114535	35.721	nq	94
47) 2-Nitroaniline	14.43	65	25600	36.104	nq	# 69
48) Acenaphthylene	15.07	152	177032	36.522	nq	99
49) Dimethylphthalate	14.77	163	156182	34.981	nq	99
50) 2,6-Dinitrotoluene	14.91	165	35181	37.543	nq	# 71
51) Acenaphthene	15.41	154	112046	33.330	nq	96
52) 3-Nitroaniline	15.24	138	16609	20.292	nq	# 82
53) 2,4-Dinitrophenol	15.44	184	5116	12.402	nq	# 79
54) Dibenzofuran	15.73	168	184899	37.160	nq	99
55) 4-Nitrophenol	15.53	139	47730	77.891	nq	# 80
56) 2,4-Dinitrotoluene	15.68	165	52095	39.045	nq	# 68
57) Fluorene	16.38	166	151316	36.597	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.96	232	55221	38.978	nq	# 90
59) Diethylphthalate	16.12	149	160574	36.927	nq	99
60) 4-Chlorophenyl-phenylether	16.36	204	91522	35.103	nq	96
61) 4-Nitroaniline	16.40	138	29804	33.973	nq	84
62) Azobenzene	16.65	77	96880	37.281	nq	84
64) 4,6-Dinitro-2-methylphenol	16.45	198	9211	9.544	nq	# 65
65) n-Nitrosodiphenylamine	16.57	169	143093	37.114	nq	96
66) 4-Bromophenyl-phenylether	17.25	248	70902	37.045	nq	98
67) Hexachlorobenzene	17.38	284	80292	37.908	nq	# 89
68) Atrazine	17.50	200	65756	39.729	nq	97
69) Pentachlorophenol	17.72	266	49559	37.351	nq	97
70) Phenanthrene	18.12	178	271480	37.681	nq	97
71) Anthracene	18.21	178	279899	39.017	nq	98
72) Carbazole	18.47	167	250280	39.486	nq	99
73) Di-n-butylphthalate	18.98	149	288218	41.070	nq	99
74) Fluoranthene	20.08	202	366238	38.762	nq	95
76) Benzidine	20.25	184	97576	22.942	nq	97
77) Pyrene	20.44	202	375314	28.250	nq	98
79) Butylbenzylphthalate	21.30	149	134598	32.120	nq	# 75
80) Benzo(a)anthracene	22.39	228	510313	38.003	nq	98
81) 3,3'-Dichlorobenzidine	22.27	252	88344	16.980	nq	93
82) Chrysene	22.46	228	458667	35.369	nq	97
83) Bis(2-ethylhexyl)phthalate	22.22	149	228582	38.471	nq	# 99
84) Di-n-octyl phthalate	23.59	149	424189	45.011	nq	# 89
85) Indeno(1,2,3-cd)pyrene	30.33	276	746025	45.475	nq	# 85
87) Benzo(b)fluoranthene	24.90	252	576554	34.351	nq	# 96
88) Benzo(k)fluoranthene	24.98	252	596684	35.887	nq	# 96
89) Benzo(a)pyrene	25.90	252	625388	39.084	nq	# 94
90) Dibenzo(a,h)anthracene	30.41	278	623942	38.118	nq	# 93
91) Benzo(g,h,i)perylene	31.67	276	641017	39.453	nq	# 91

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

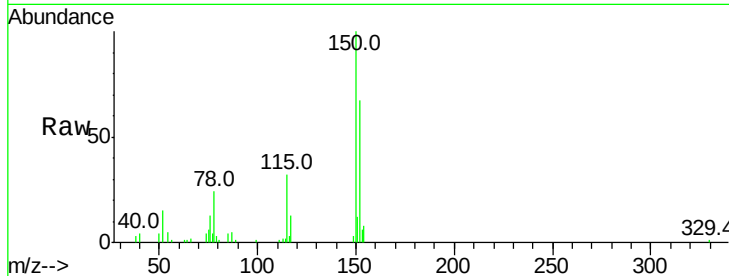


#1

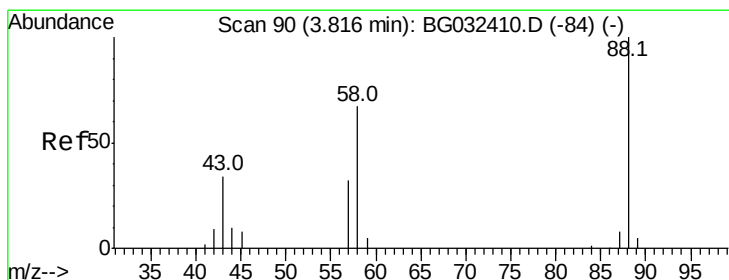
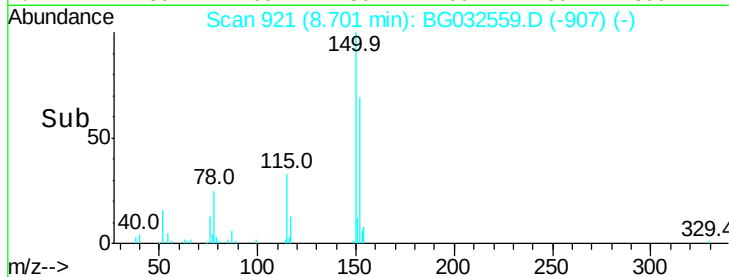
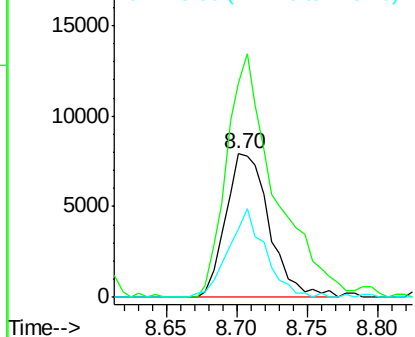
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.70 min Scan# 921
Delta R.T. -0.02 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 17068
Ion Ratio Lower Upper
152 100
150 149.6 126.6 189.8
115 47.6 53.0 79.4#



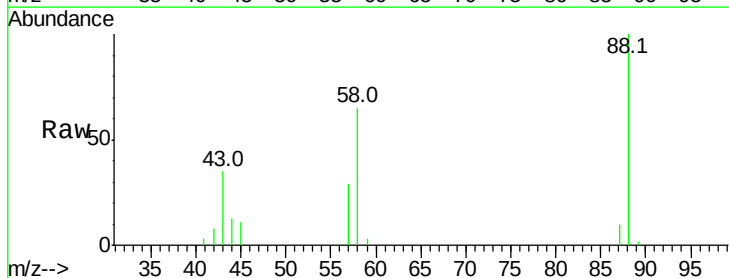
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



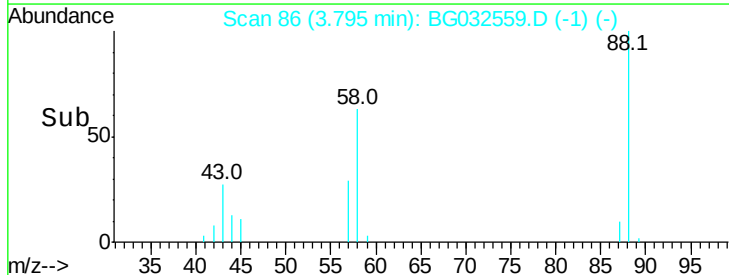
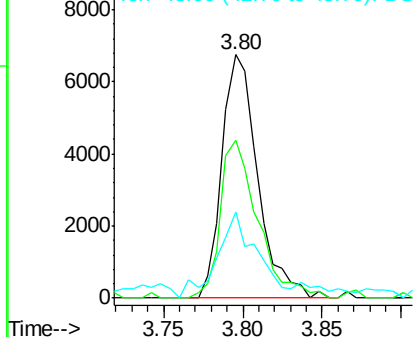
#2

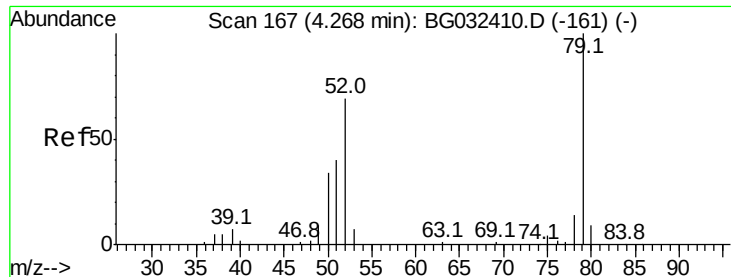
1,4-Dioxane
Concen: 37.012 ng
RT: 3.80 min Scan# 86
Delta R.T. -0.02 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion: 88 Resp: 10582
Ion Ratio Lower Upper
88 100
58 67.7 79.6 119.4#
43 38.7 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: 37.127 ng

RT: 4.25 min Scan# 163

Delta R.T. -0.02 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

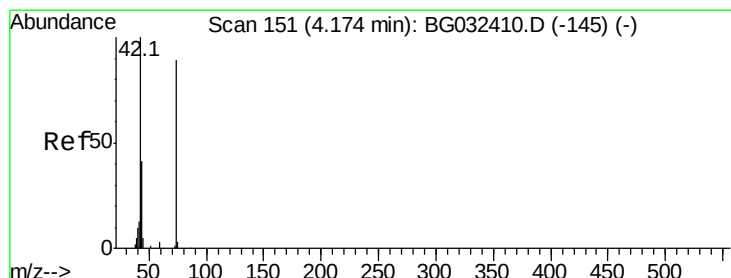
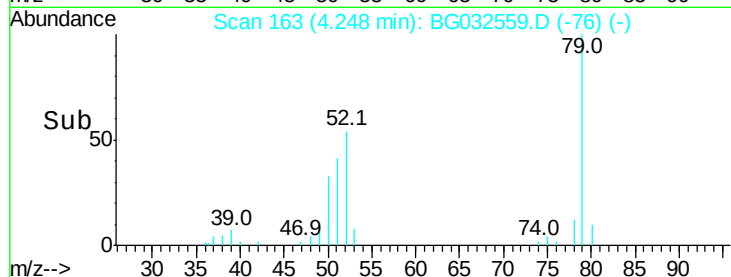
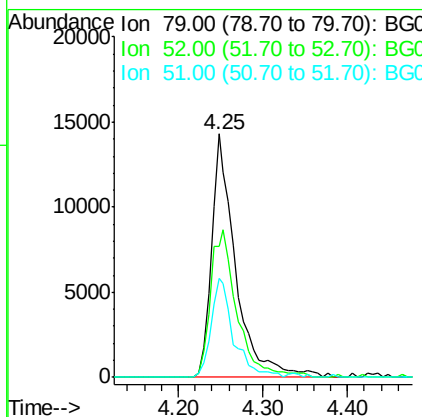
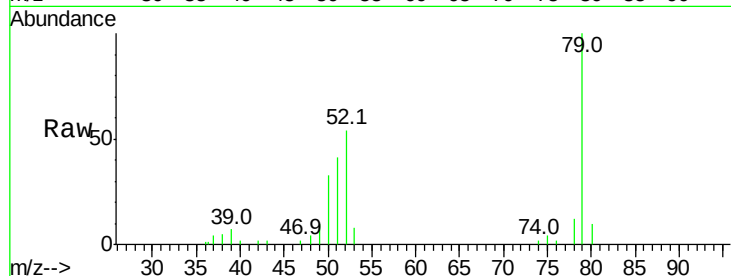
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 28662

Ion	Ratio	Lower	Upper
79	100		
52	53.8	69.9	104.9#
51	40.7	34.0	51.0



#4

n-Nitrosodimethylamine

Concen: 41.449 ng

RT: 4.16 min Scan# 148

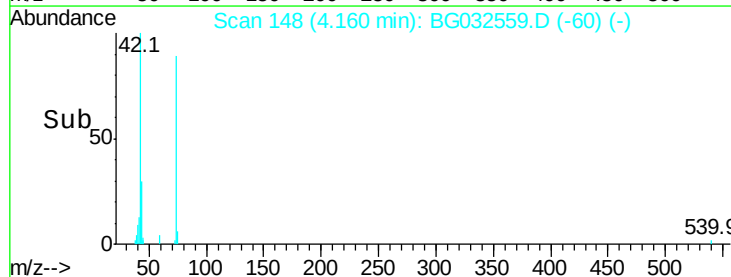
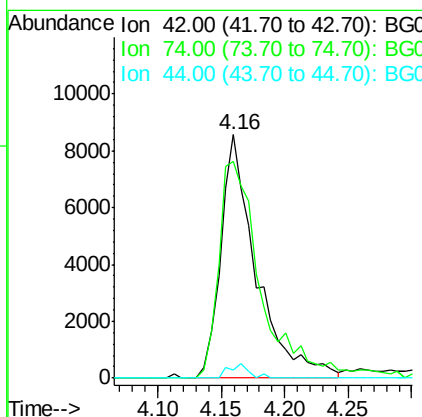
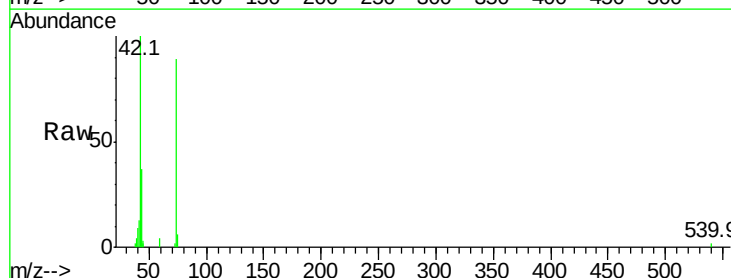
Delta R.T. -0.01 min

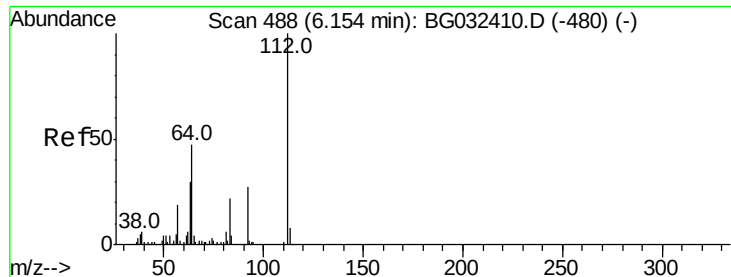
Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Tgt Ion: 42 Resp: 16657

Ion	Ratio	Lower	Upper
42	100		
74	89.1	102.5	153.7#
44	3.1	18.9	28.3#





#5

2-Fluorophenol

Concen: 151.376 ng

RT: 6.15 min Scan# 486

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampleId :

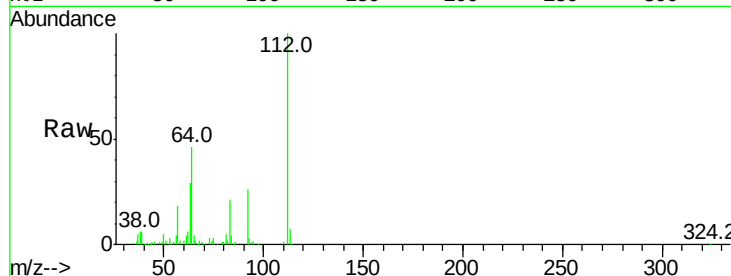
Tot Ion:112 Resp: 128634

Ion Ratio Lower Upper

112 100

64 46.1 56.3 84.5#

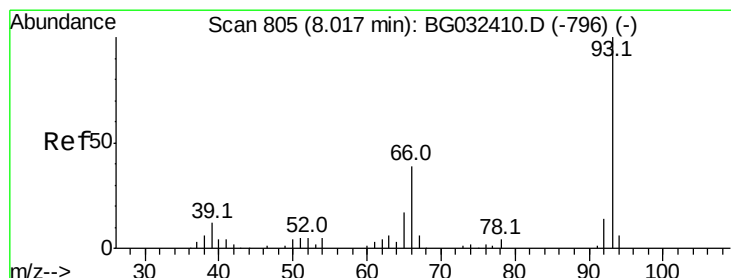
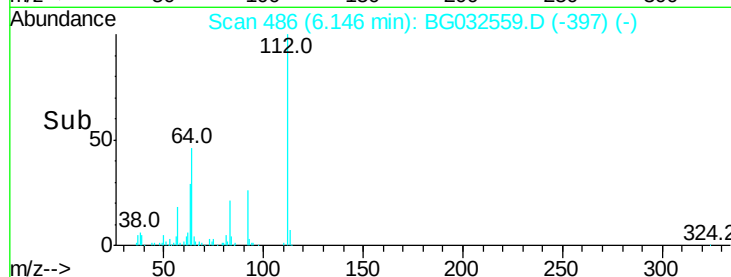
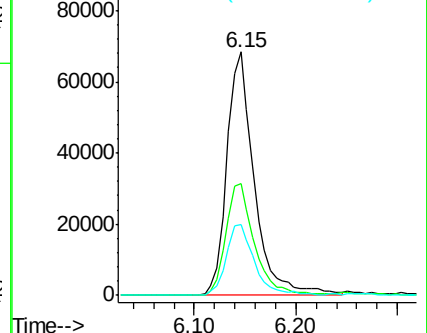
63 29.3 30.1 45.1#



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: 12.207 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

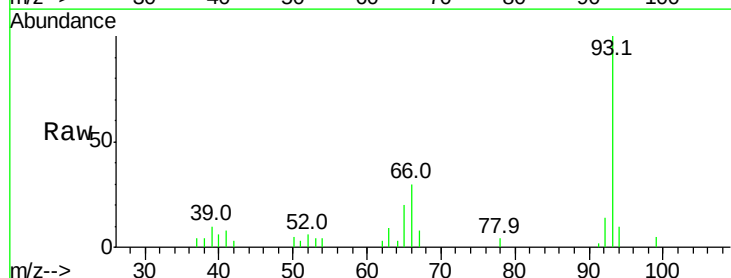
Tgt Ion: 93 Resp: 17259

Ion Ratio Lower Upper

93 100

66 30.0 33.7 50.5#

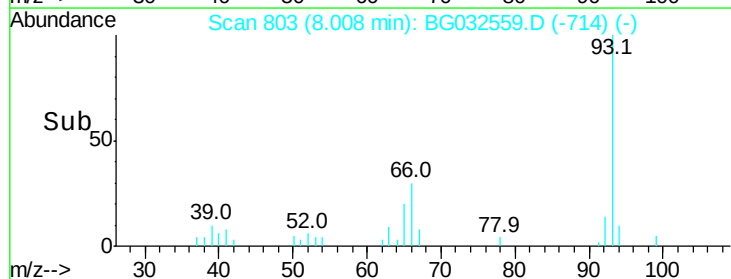
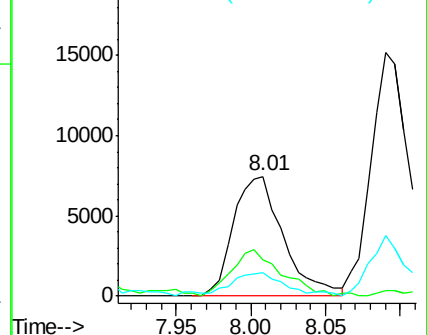
65 19.6 16.1 24.1

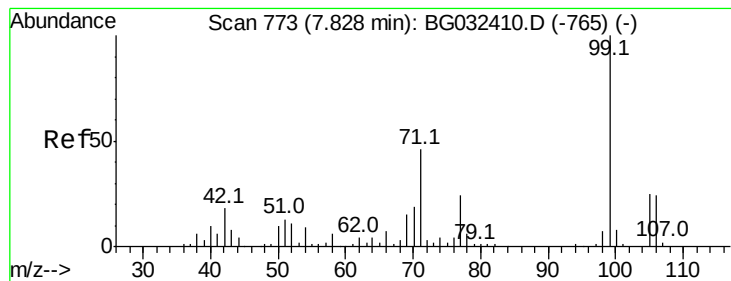


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.843 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

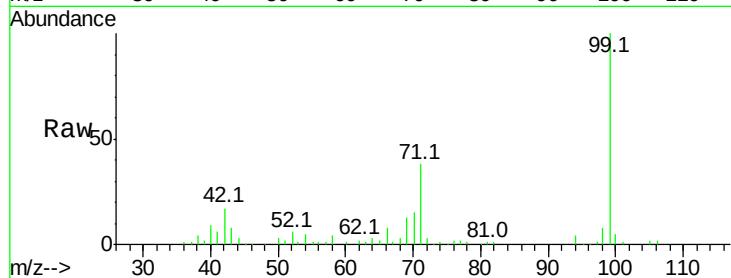
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 132493

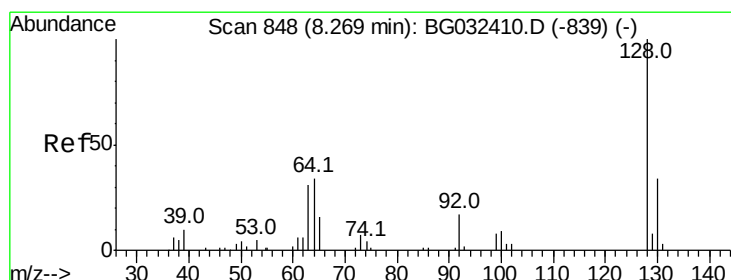
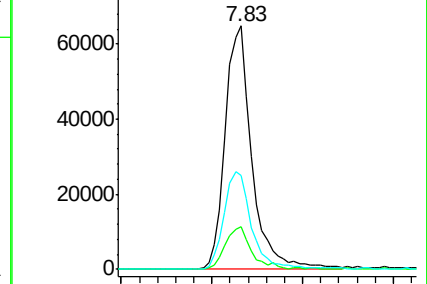
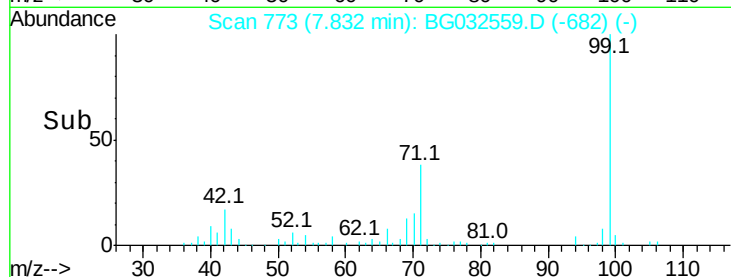
Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.1	21.1
71	38.5	26.1	39.1



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: 42.857 ng

RT: 8.25 min Scan# 845

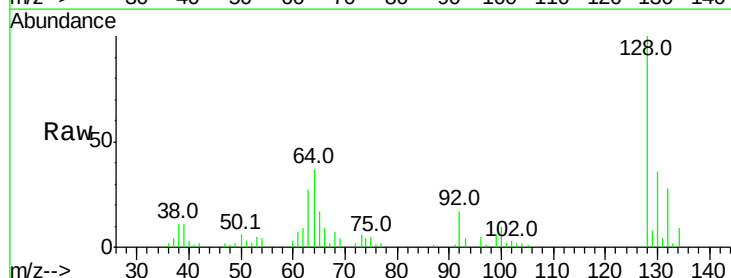
Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Tgt Ion: 128 Resp: 43049

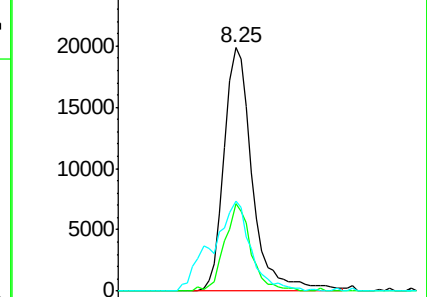
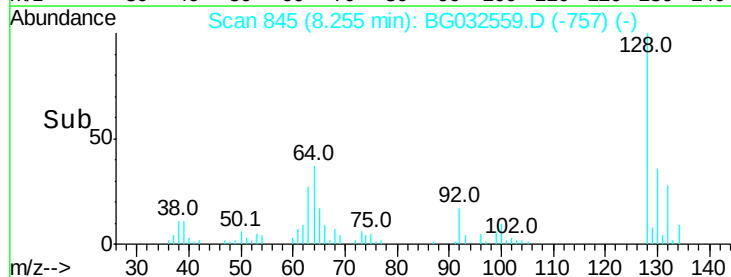
Ion	Ratio	Lower	Upper
128	100		
130	36.0	14.0	54.0
64	37.2	37.7	77.7#

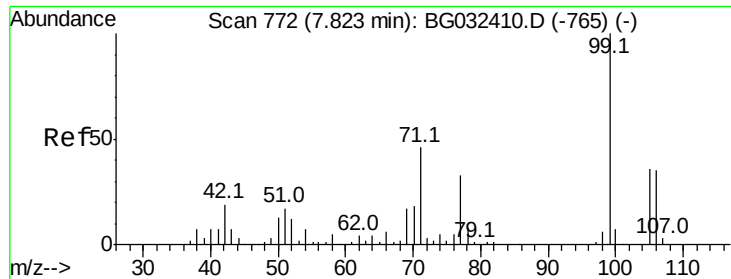


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 17.460 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampleId :

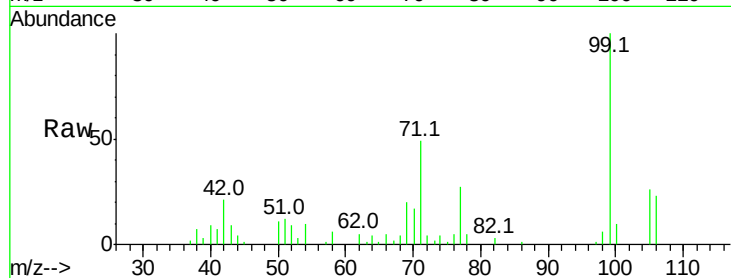
Tot Ion: 77 Resp: 10226

Ion Ratio Lower Upper

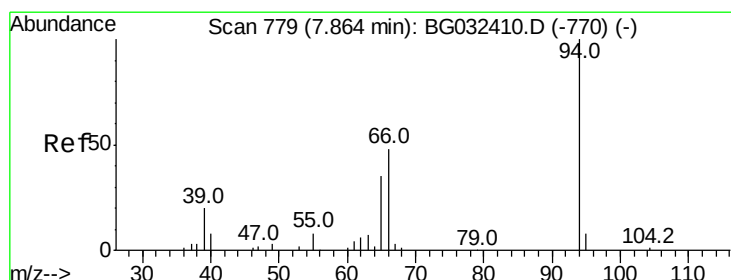
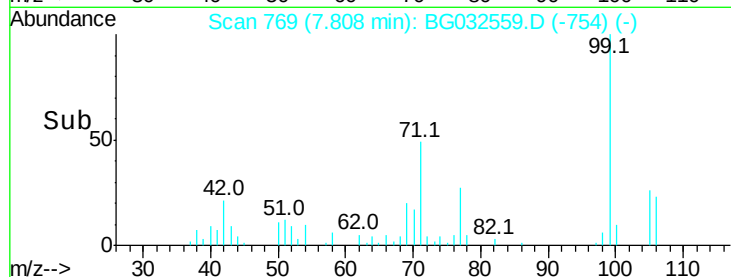
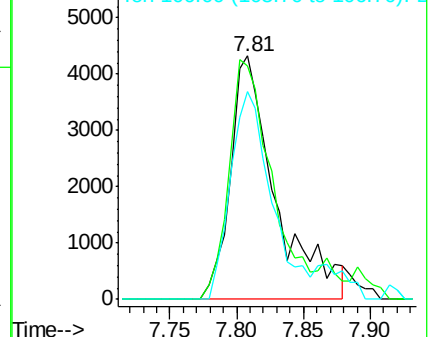
77 100

105 95.7 71.3 111.3

106 85.1 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.189 ng

RT: 7.86 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

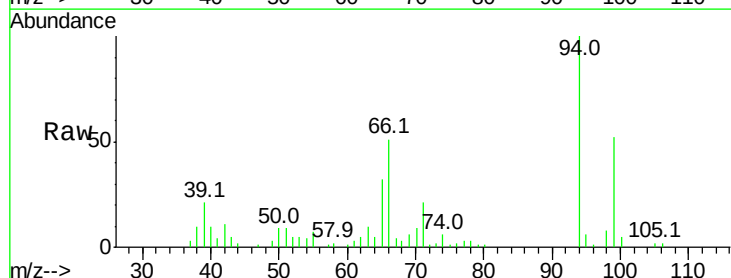
Tgt Ion: 94 Resp: 43277

Ion Ratio Lower Upper

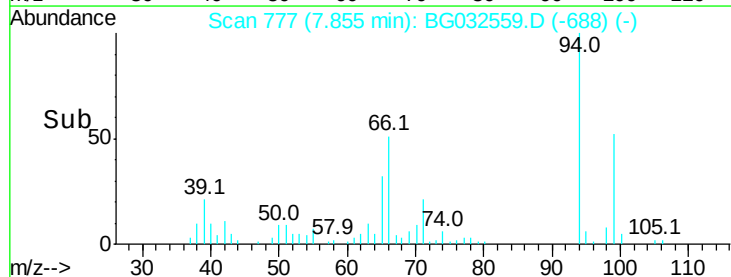
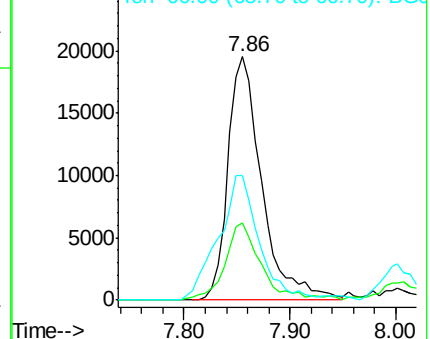
94 100

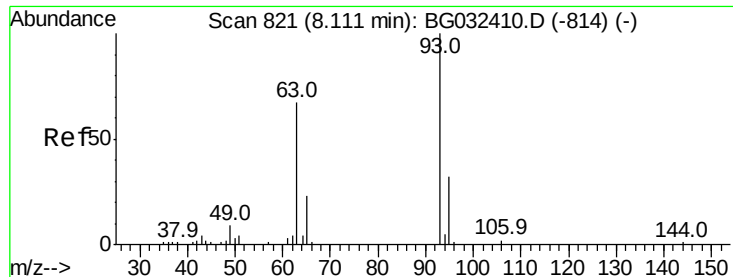
65 31.8 11.9 51.9

66 51.2 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 34.819 ng

RT: 8.09 min Scan# 817

Delta R.T. -0.02 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampleId :

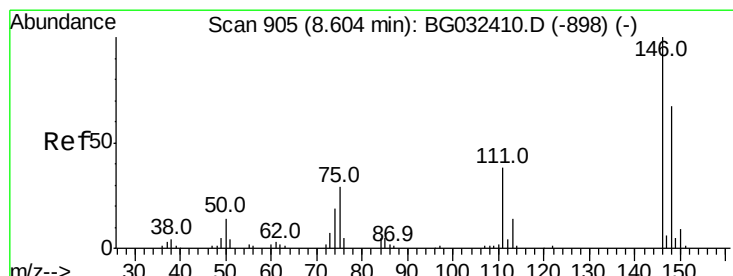
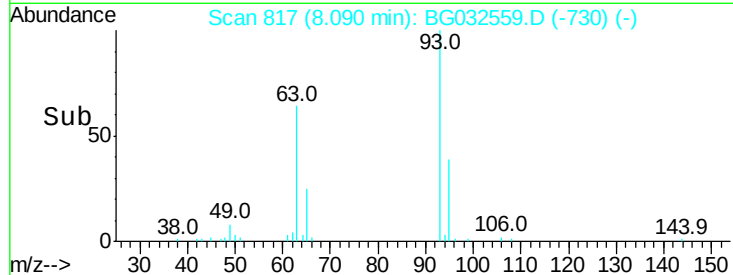
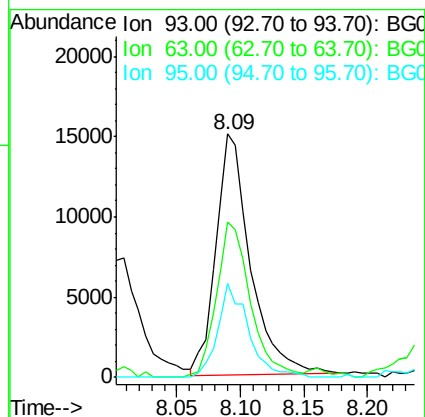
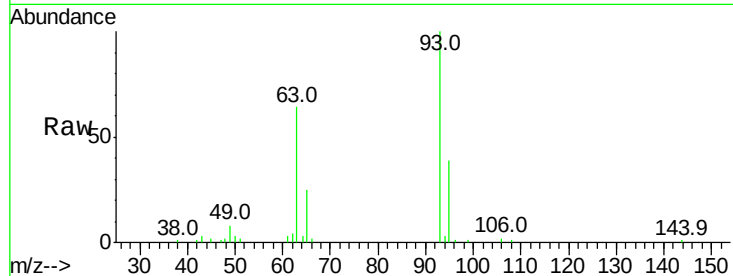
Tot Ion: 93 Resp: 28569

Ion Ratio Lower Upper

93 100

63 63.8 67.1 107.1#

95 38.7 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 34.869 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

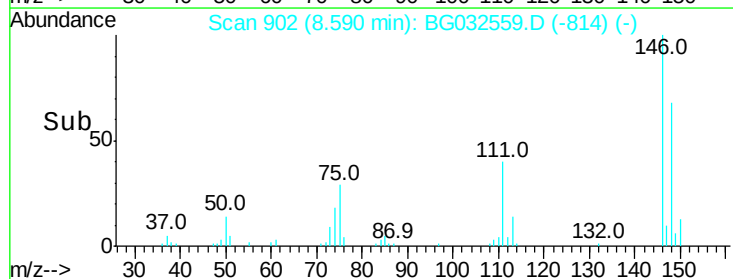
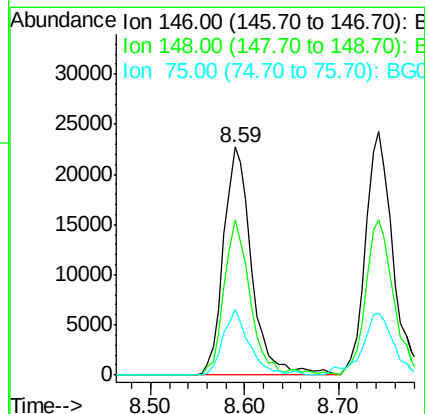
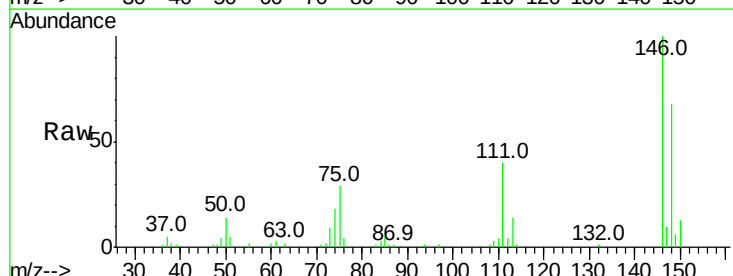
Tgt Ion: 146 Resp: 47367

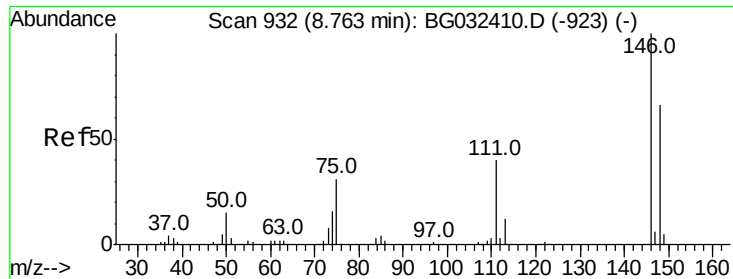
Ion Ratio Lower Upper

146 100

148 67.9 51.4 77.2

75 28.8 26.6 39.8

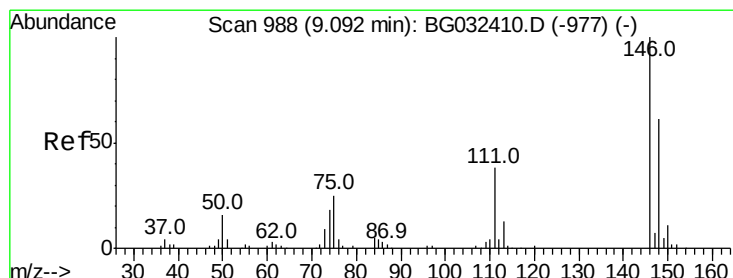
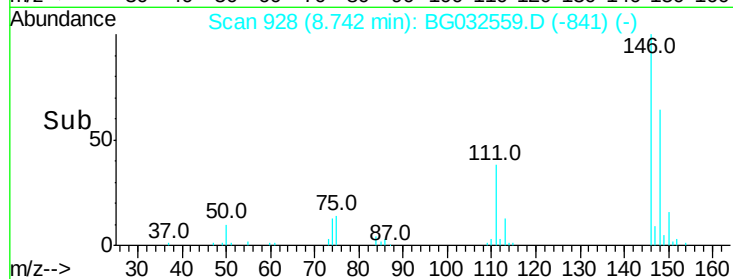
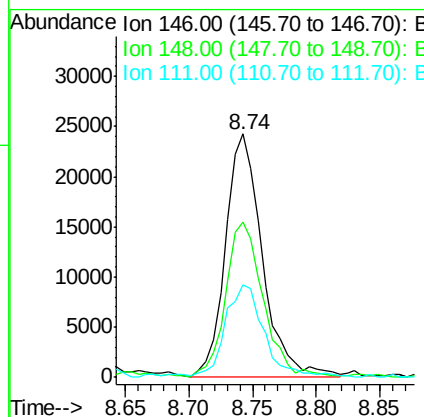
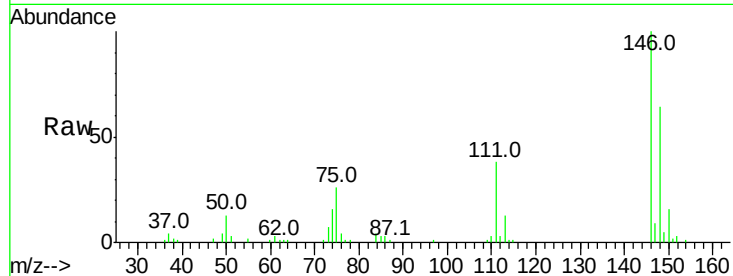




#13
 1,4-Dichlorobenzene
 Concen: 35.962 ng
 RT: 8.74 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

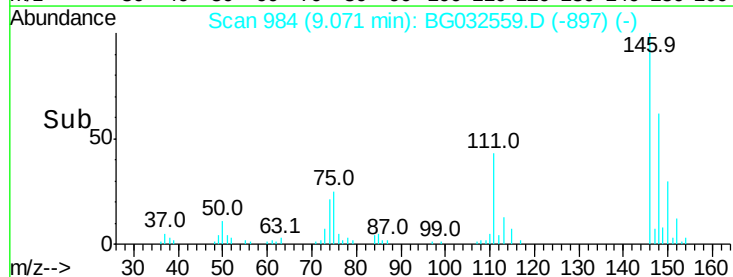
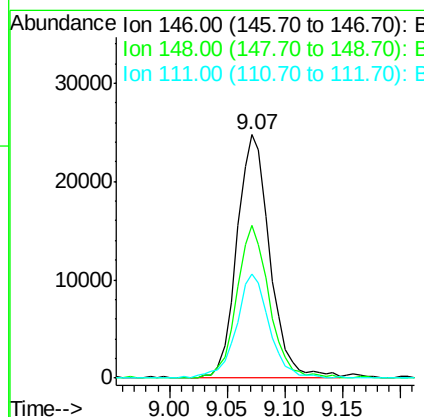
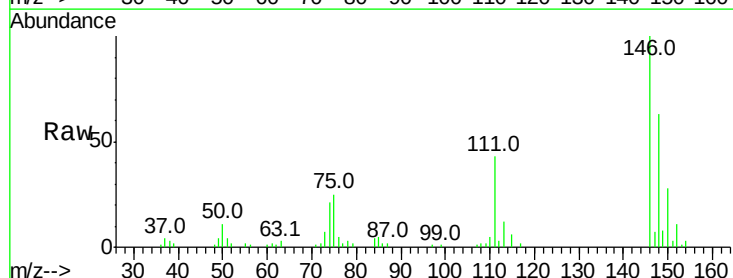
Instrument :
 BNA_G
 ClientSampleId :

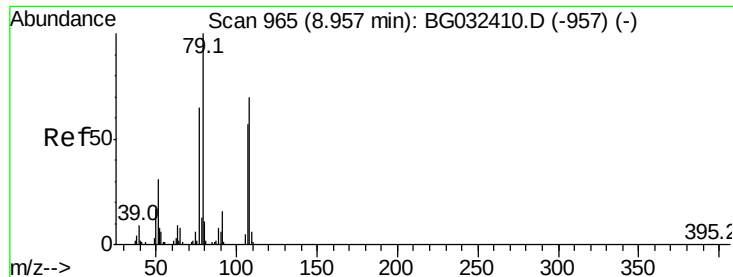
Tot Ion:146 Resp: 48963
 Ion Ratio Lower Upper
 146 100
 148 63.6 53.7 80.5
 111 38.3 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 36.621 ng
 RT: 9.07 min Scan# 984
 Delta R.T. -0.02 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion:146 Resp: 48844
 Ion Ratio Lower Upper
 146 100
 148 62.5 49.3 73.9
 111 42.6 34.3 51.5





#15

Benzyl Alcohol

Concen: 31.722 ng

RT: 8.95 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampleId :

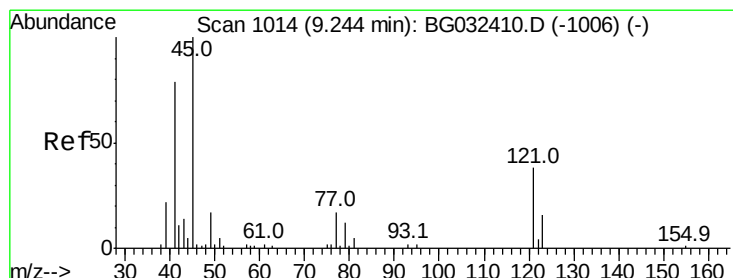
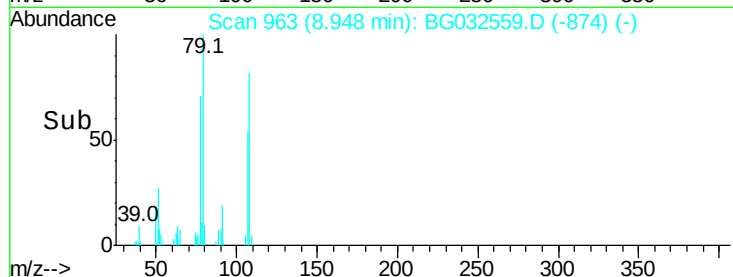
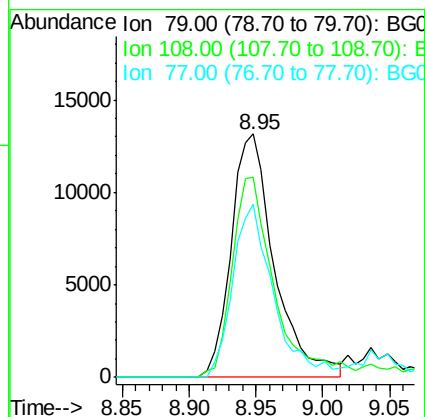
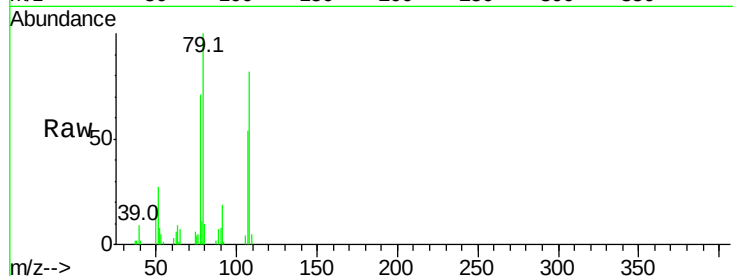
Tot Ion: 79 Resp: 29646

Ion Ratio Lower Upper

79 100

108 82.4 57.2 85.8

77 71.1 46.1 69.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.080 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

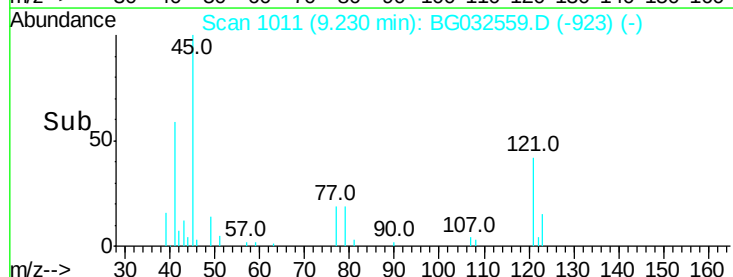
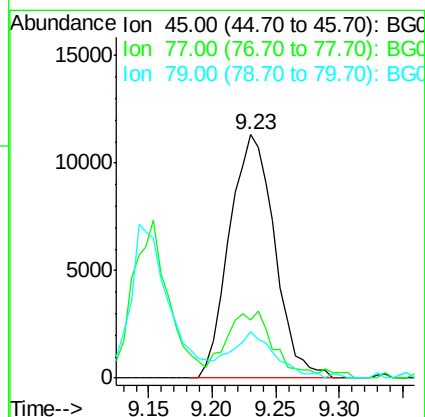
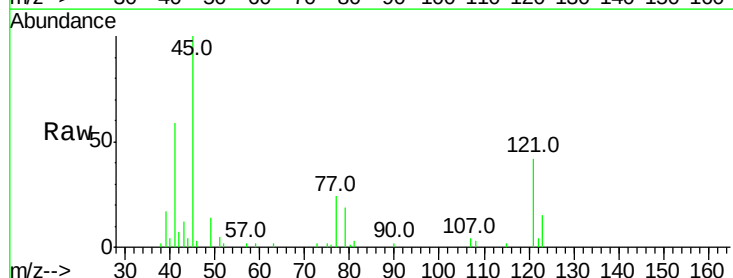
Tgt Ion: 45 Resp: 28052

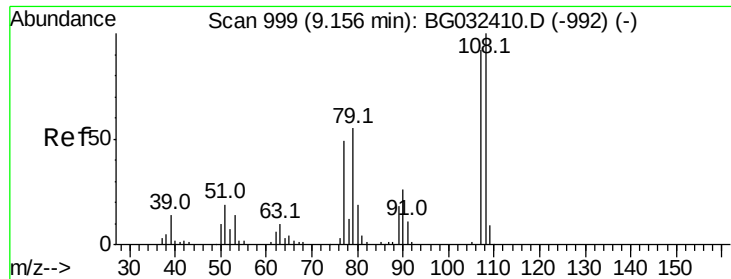
Ion Ratio Lower Upper

45 100

77 23.7 0.0 30.2

79 19.0 0.0 27.9

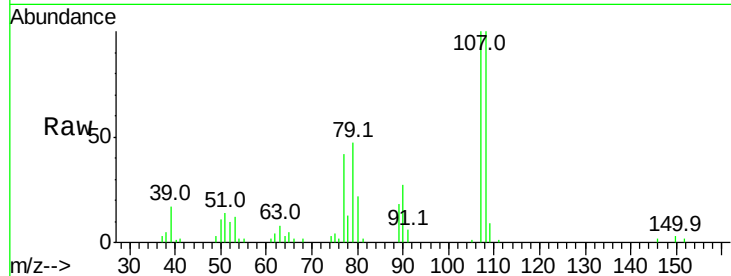




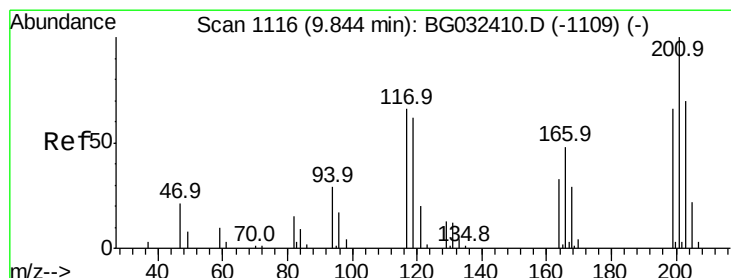
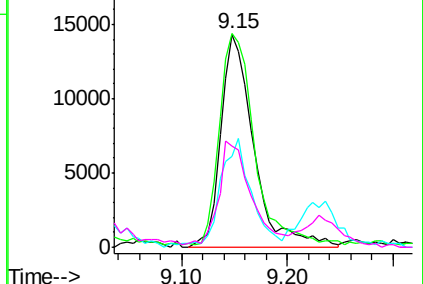
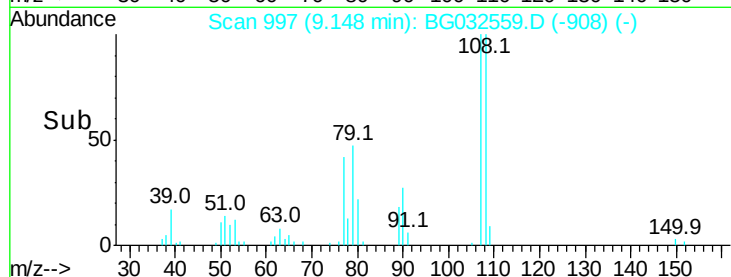
#17
2-Methylphenol
Concen: 35.451 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 31005
Ion Ratio Lower Upper
107 100
108 100.4 83.9 125.9
77 42.5 37.2 55.8
79 47.4 36.2 54.2

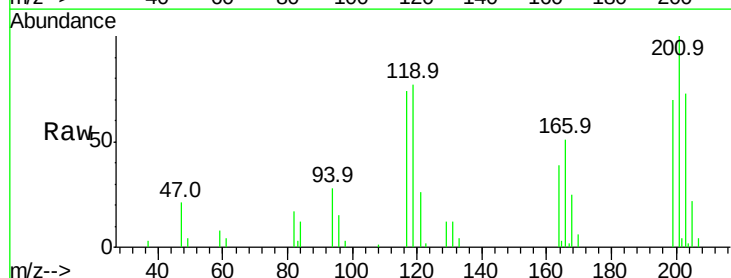


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

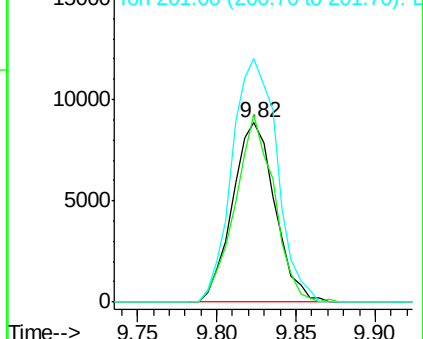
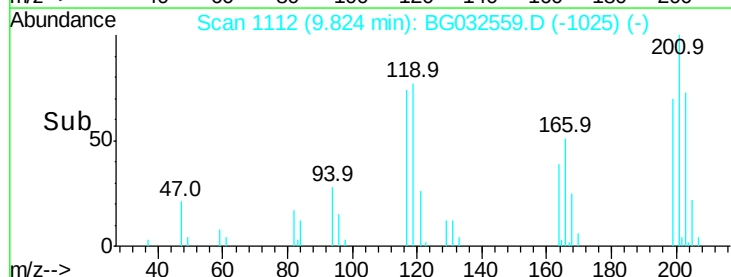


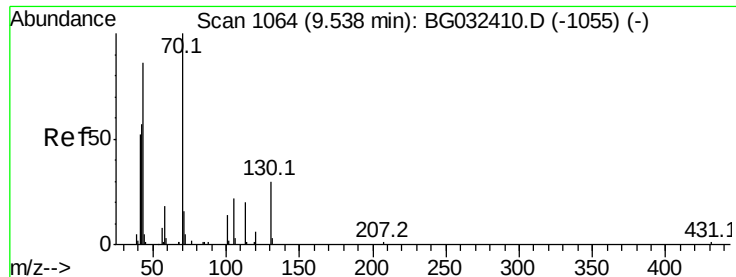
#18
Hexachloroethane
Concen: 36.006 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion:117 Resp: 16459
Ion Ratio Lower Upper
117 100
119 104.2 76.7 115.1
201 135.7 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

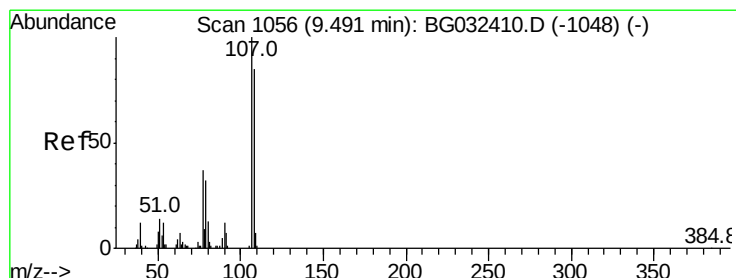
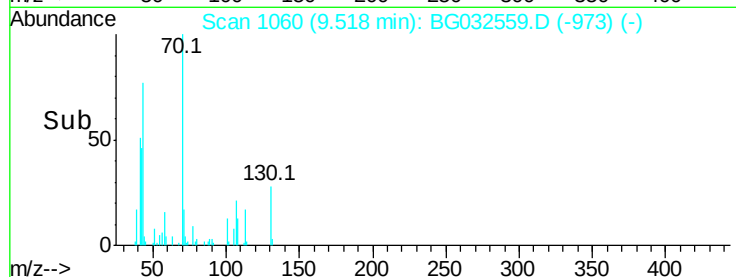
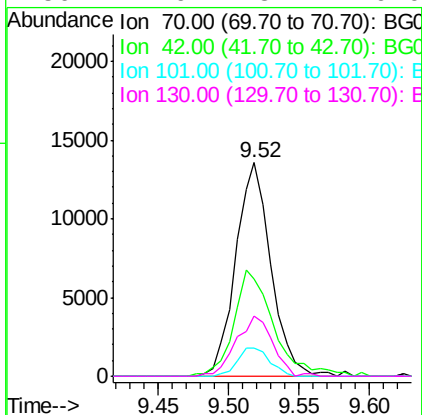
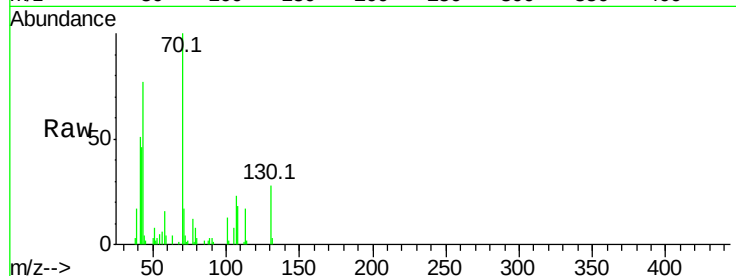




#19
n-Nitroso-di-n-propylamine
Concen: 31.555 ng
RT: 9.52 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

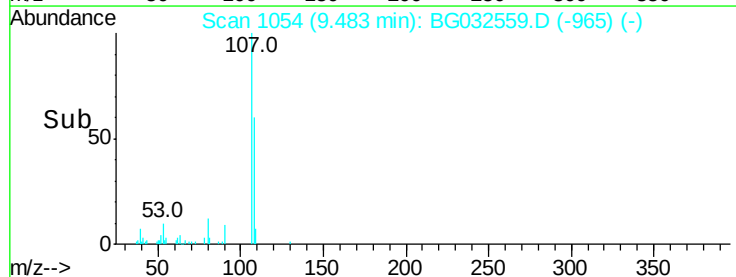
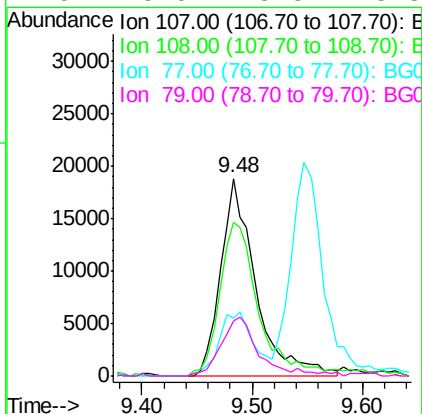
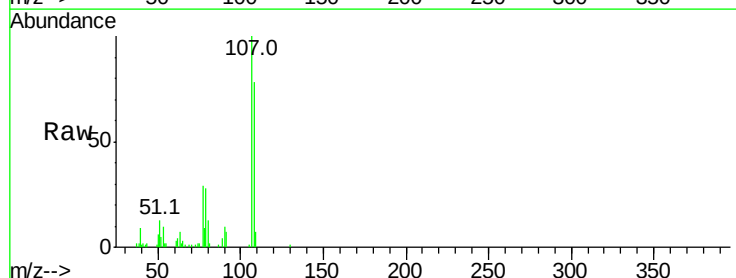
Instrument :
BNA_G
ClientSampleId :

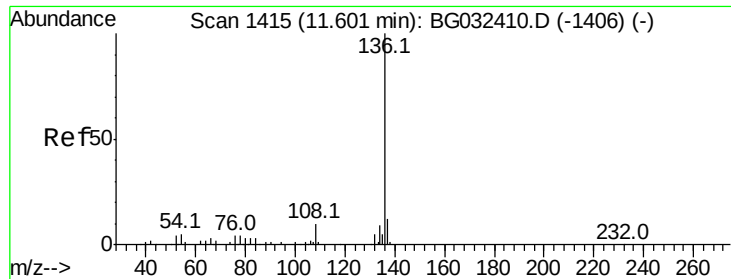
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.5	49.1	73.7#
101	13.1	8.5	12.7#
130	27.9	13.4	20.0#



#20
3+4-Methylphenols
Concen: 33.814 ng
RT: 9.48 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	77.8	61.6	101.6
77	29.2	13.9	53.9
79	28.0	8.8	48.8

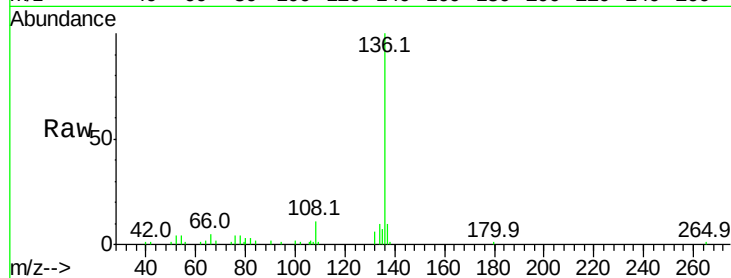




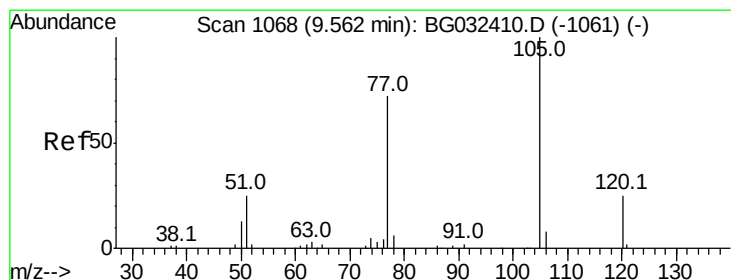
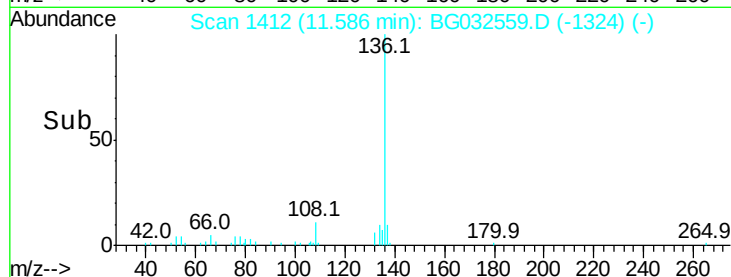
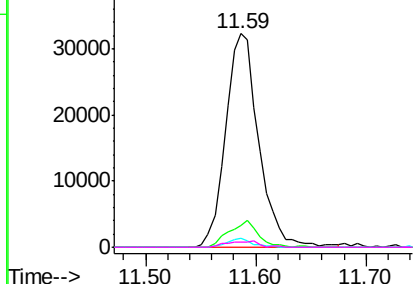
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	67619
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	4.2	10.3	15.5#
68	2.2	4.5	6.7#

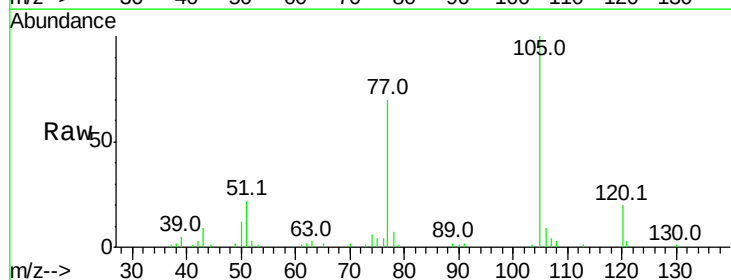


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

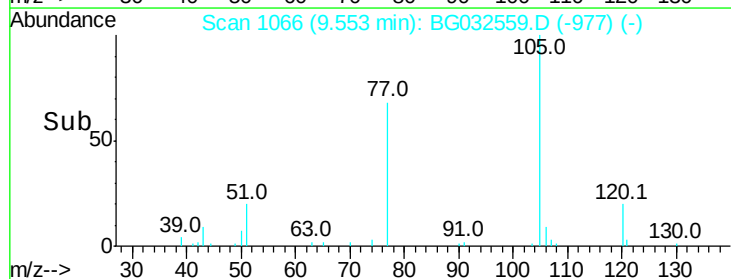
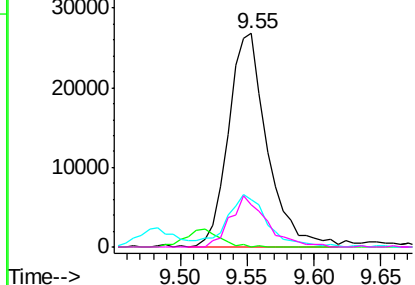


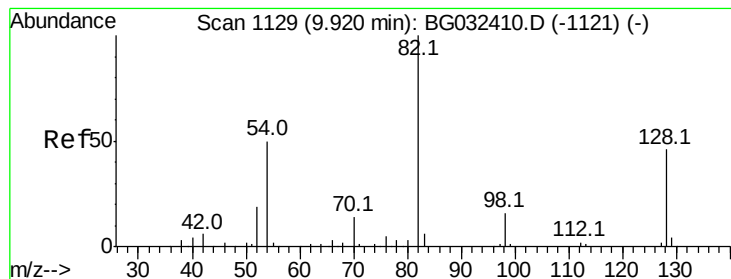
#22
Acetophenone
Concen: 34.402 ng
RT: 9.55 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion:	105	Resp:	54530
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	22.1	26.1	39.1#
120	19.8	17.4	26.2



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





#23

Nitrobenzene-d5

Concen: 71.770 ng

RT: 9.91 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampleId :

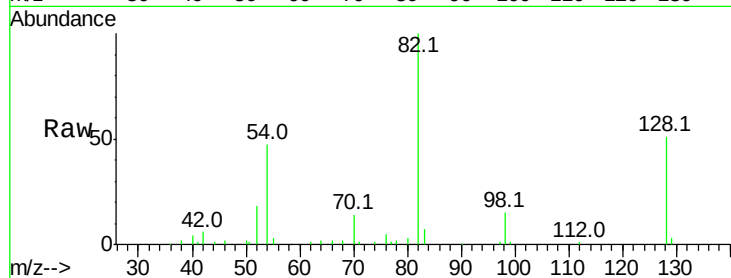
Tot Ion: 82 Resp: 77697

Ion Ratio Lower Upper

82 100

128 50.6 29.7 44.5#

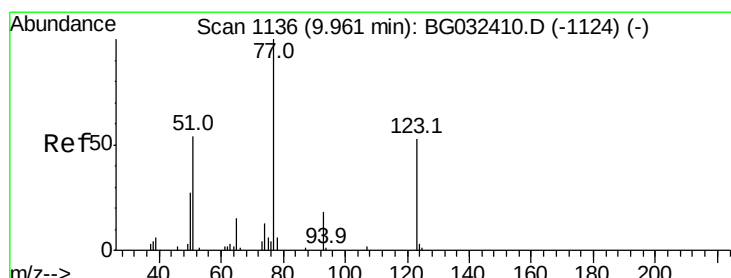
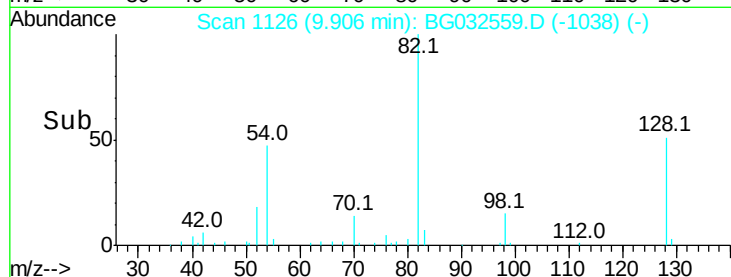
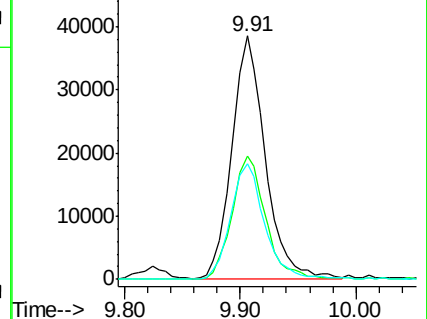
54 47.5 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 36.606 ng

RT: 9.95 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

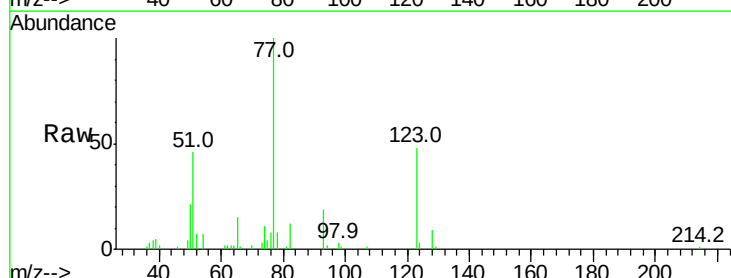
Tgt Ion: 77 Resp: 38321

Ion Ratio Lower Upper

77 100

123 47.5 33.0 49.6

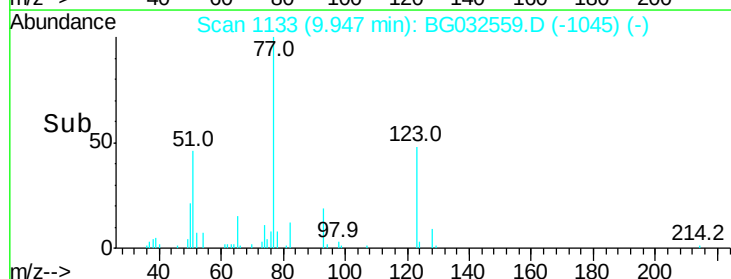
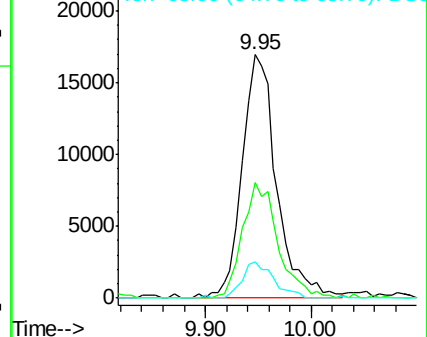
65 15.0 13.0 19.6

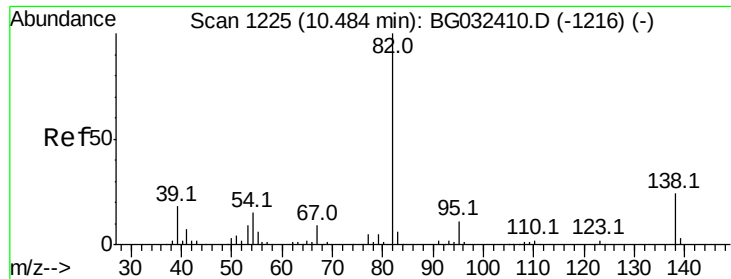


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 37.879 ng

RT: 10.47 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampleId :

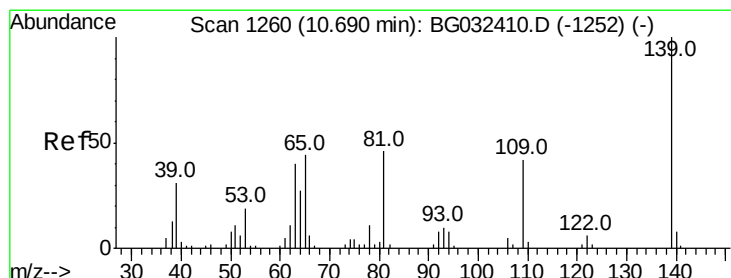
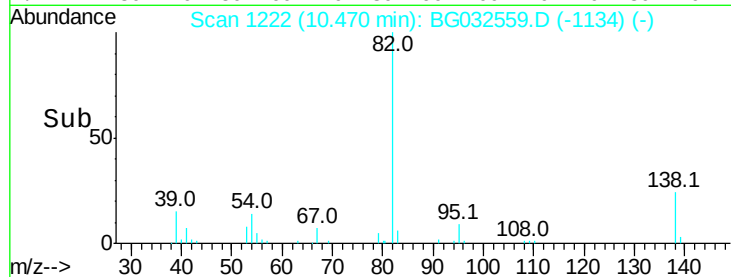
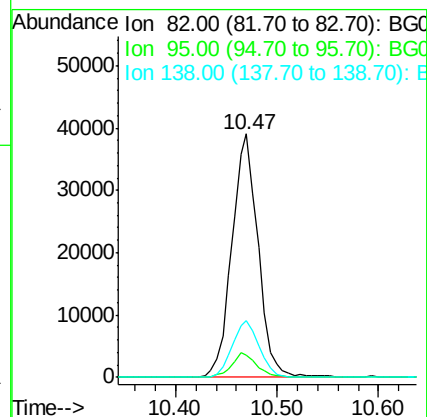
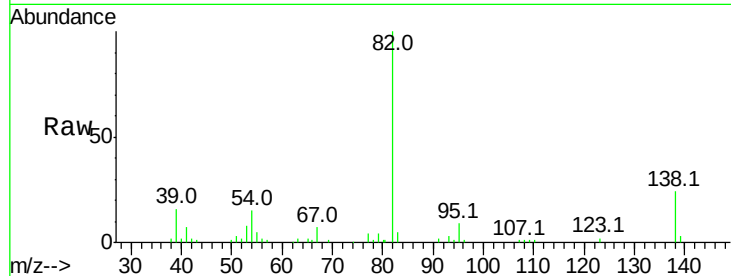
Tot Ion: 82 Resp: 69824

Ion Ratio Lower Upper

82 100

95 9.1 6.2 9.2

138 23.5 12.1 18.1#



#26

2-Nitrophenol

Concen: 40.186 ng

RT: 10.68 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

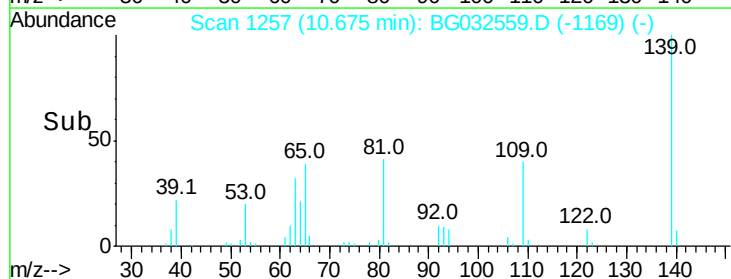
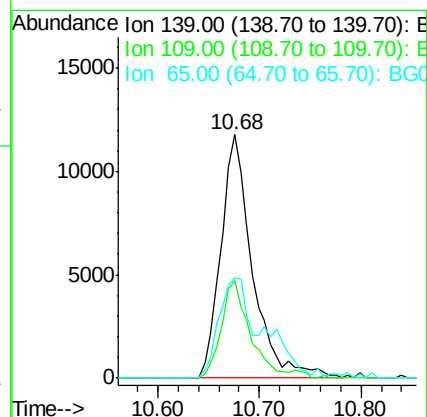
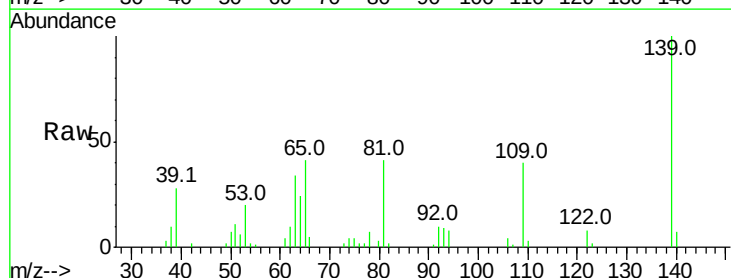
Tgt Ion: 139 Resp: 25430

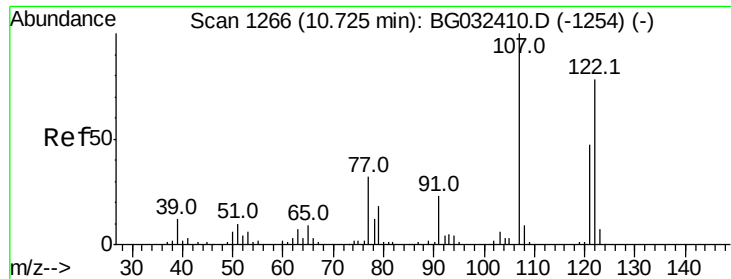
Ion Ratio Lower Upper

139 100

109 40.0 24.2 36.2#

65 41.1 47.4 71.0#

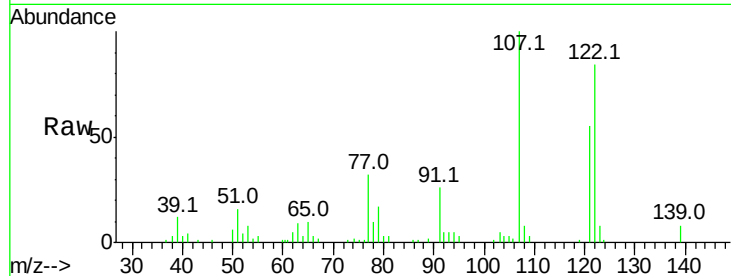




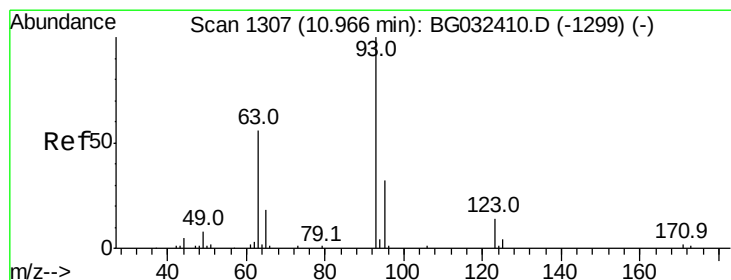
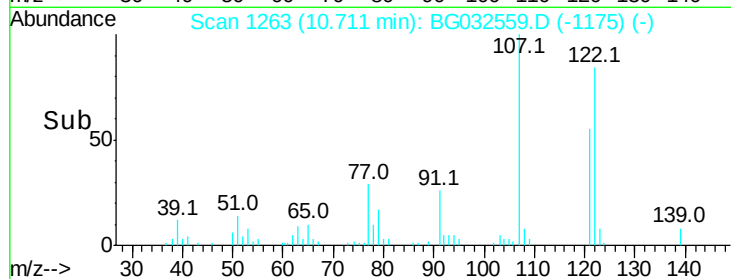
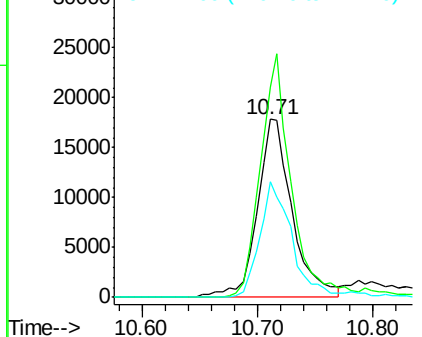
#27
2,4-Dimethylphenol
Concen: 41.235 ng
RT: 10.71 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 37453
Ion Ratio Lower Upper
122 100
107 118.4 100.2 150.2
121 65.0 44.4 66.6

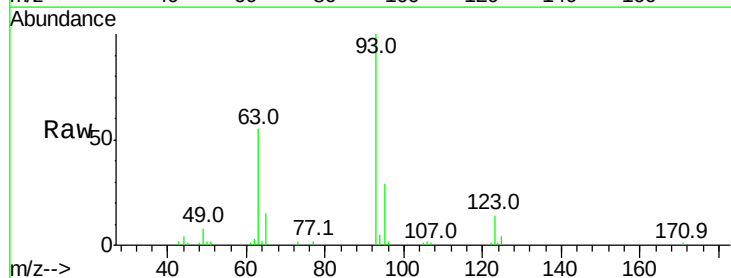


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

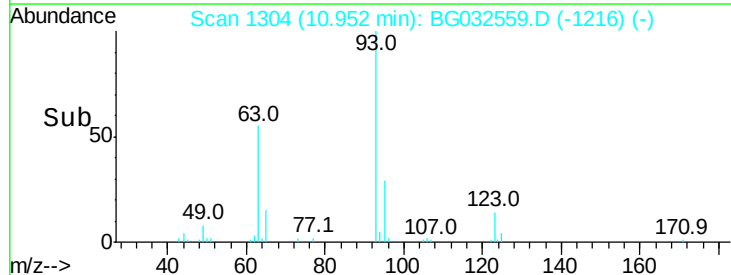
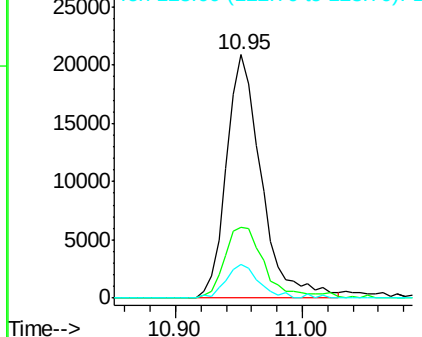


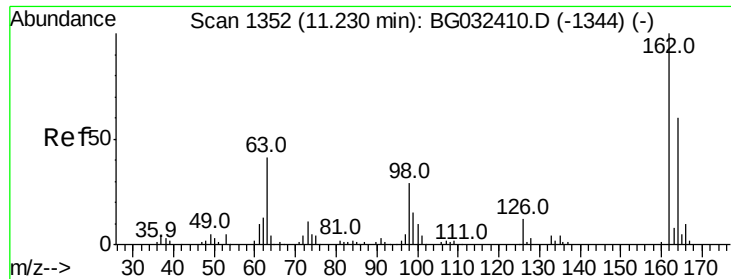
#28
bis(2-Chloroethoxy)methane
Concen: 39.409 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion: 93 Resp: 39836
Ion Ratio Lower Upper
93 100
95 28.9 24.3 36.5
123 13.8 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

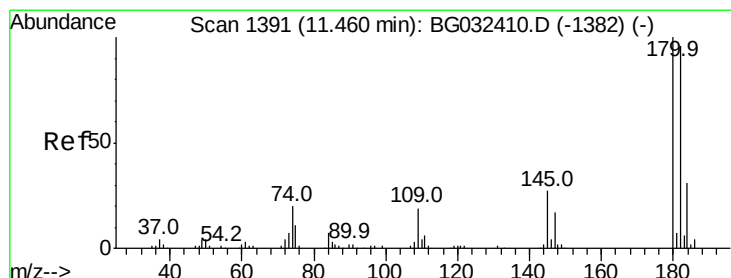
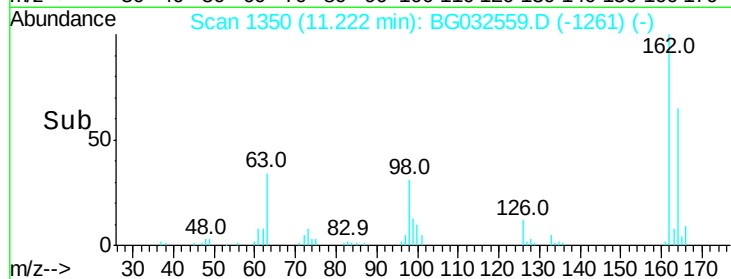
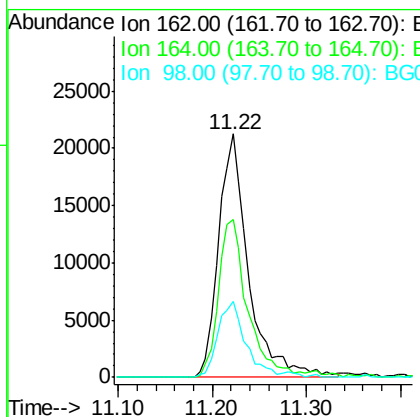
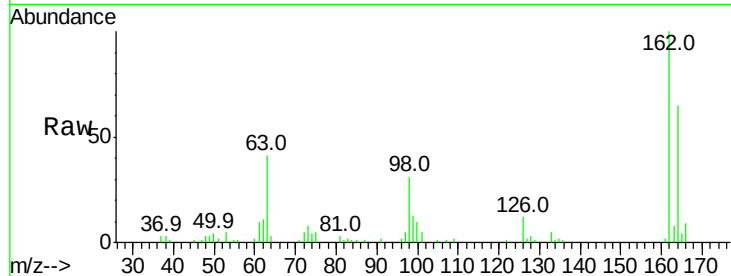




#29
 2,4-Dichlorophenol
 Concen: 39.147 ng
 RT: 11.22 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

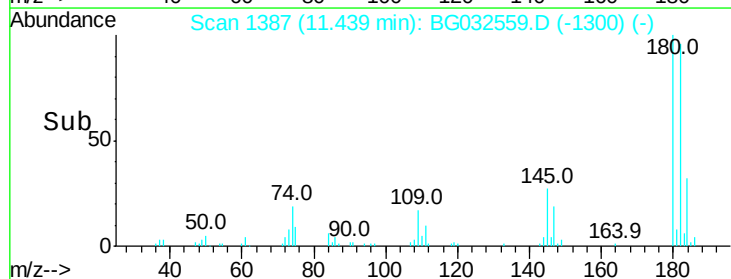
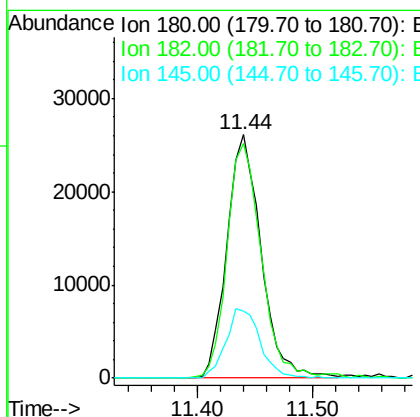
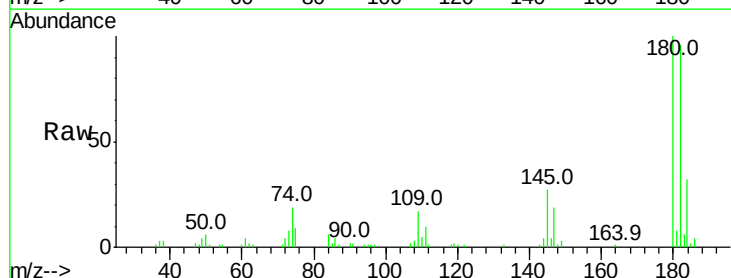
Instrument :
 BNA_G
 ClientSampleId :

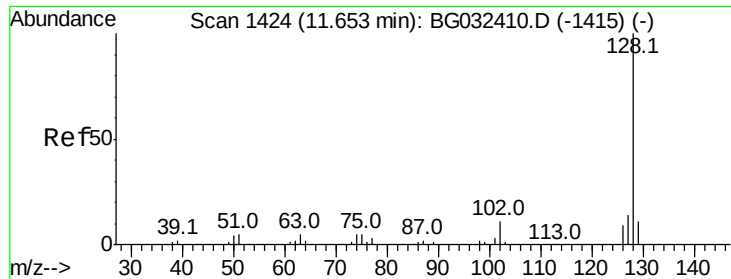
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	48.0	88.0
98	31.4	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 33.454 ng
 RT: 11.44 min Scan# 1387
 Delta R.T. -0.02 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.5	116.3
145	27.4	23.4	35.2

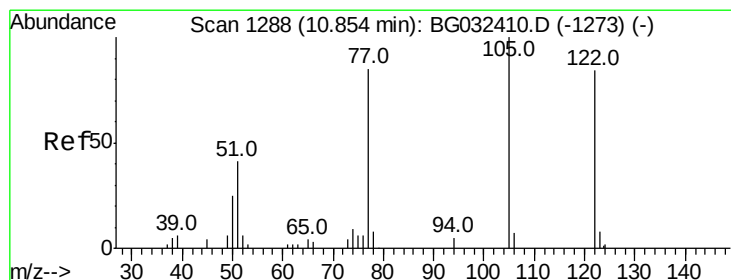
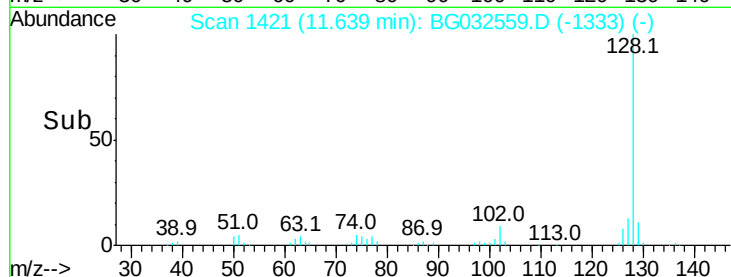
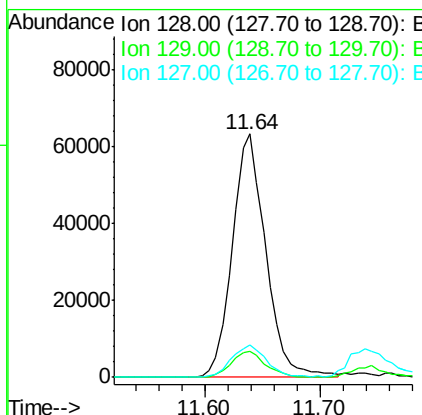
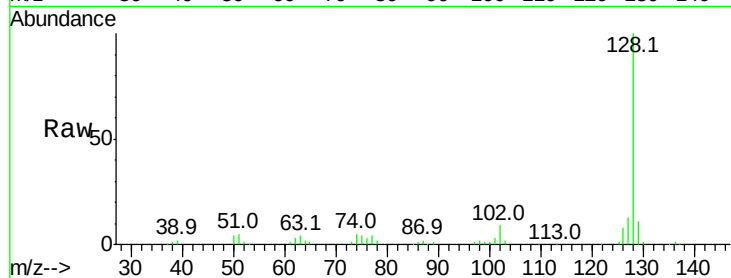




#31
Naphthalene
Concen: 38.466 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

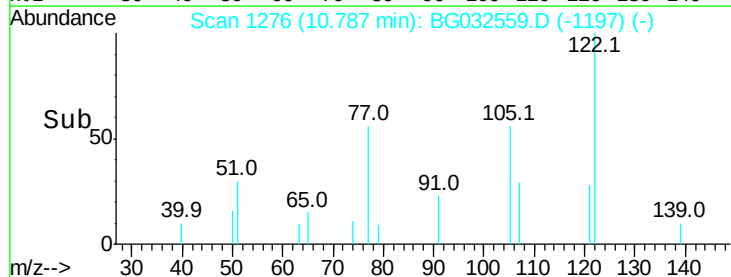
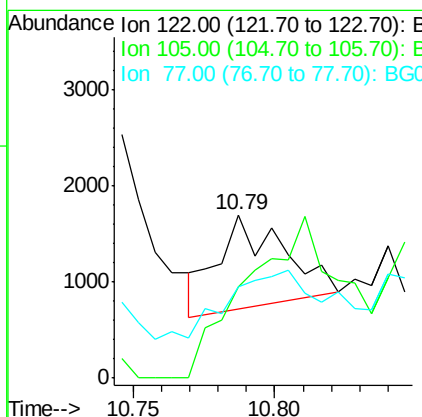
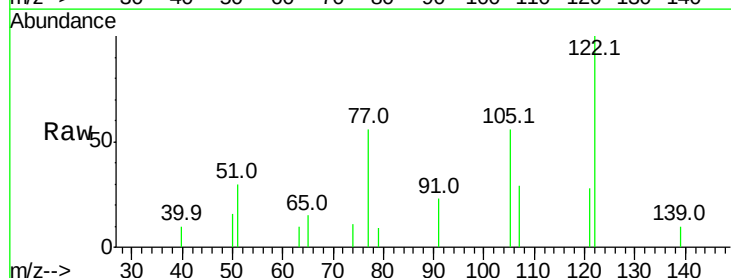
Instrument :
BNA_G
ClientSampleId :

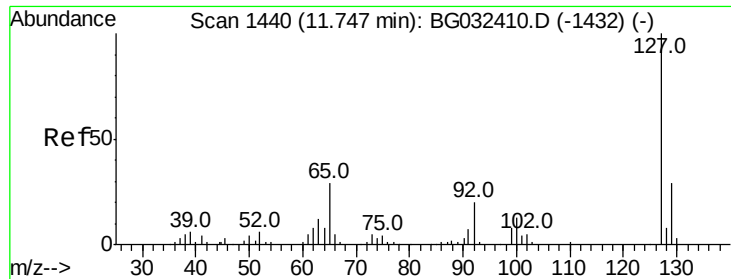
Tot Ion:128 Resp: 127036
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.4 11.6 17.4



#32
Benzoic acid
Concen: 9.250 ng
RT: 10.79 min Scan# 1276
Delta R.T. -0.07 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion:122 Resp: 1571
Ion Ratio Lower Upper
122 100
105 55.6 123.5 163.5#
77 55.6 85.7 125.7#

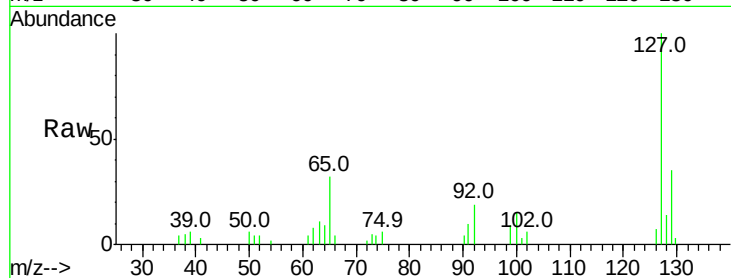




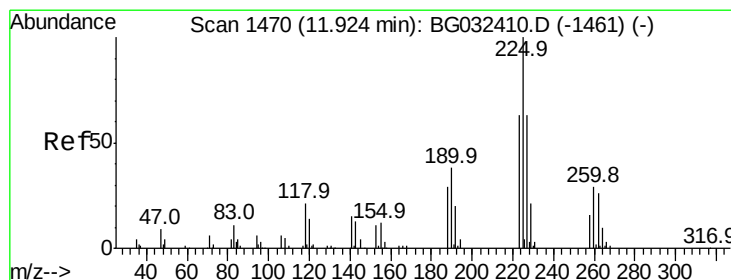
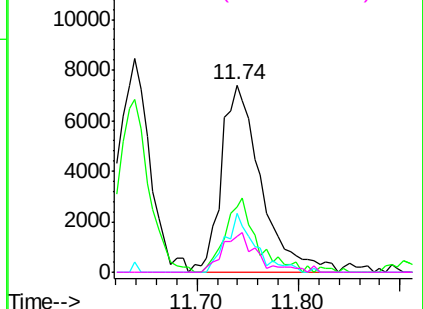
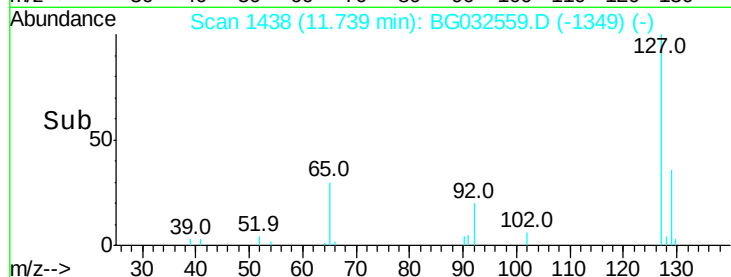
#33
 4-Chloroaniline
 Concen: 13.649 ng
 RT: 11.74 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	127	Resp:	20105
Ion	Ratio	Lower	Upper
127	100		
129	34.9	24.0	36.0
65	31.6	27.0	40.4
92	19.2	16.6	25.0

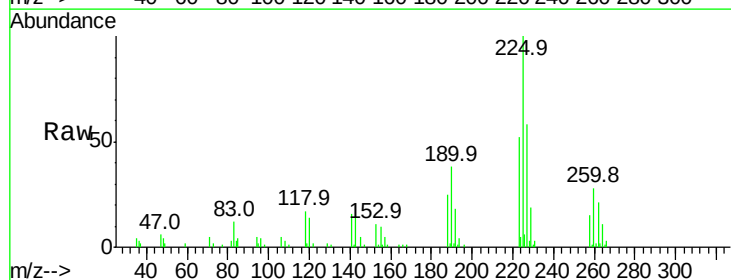


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

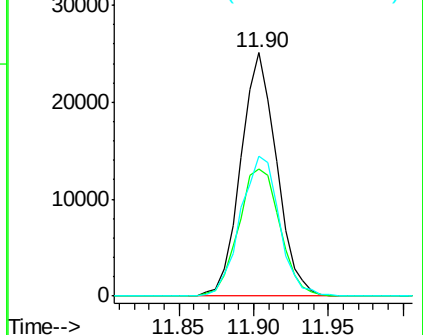
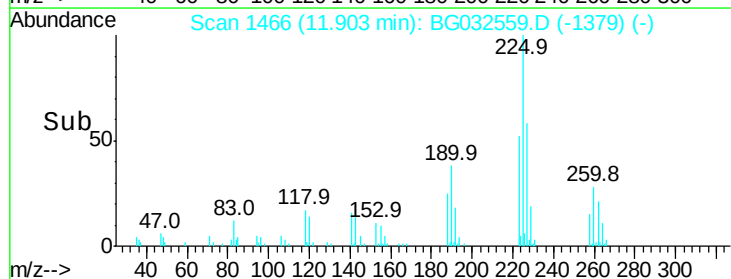


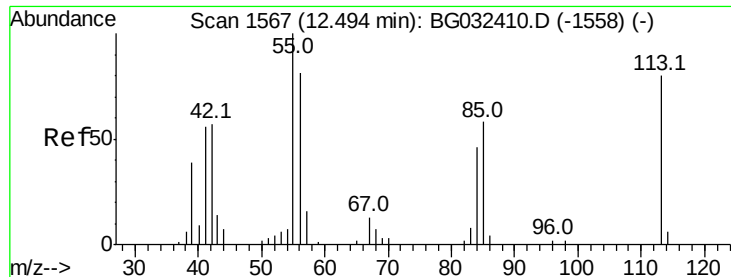
#34
 Hexachlorobutadiene
 Concen: 33.428 ng
 RT: 11.90 min Scan# 1466
 Delta R.T. -0.02 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion:	225	Resp:	41708
Ion	Ratio	Lower	Upper
225	100		
223	52.2	49.7	74.5
227	57.5	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: 39.854 ng

RT: 12.47 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampleId :

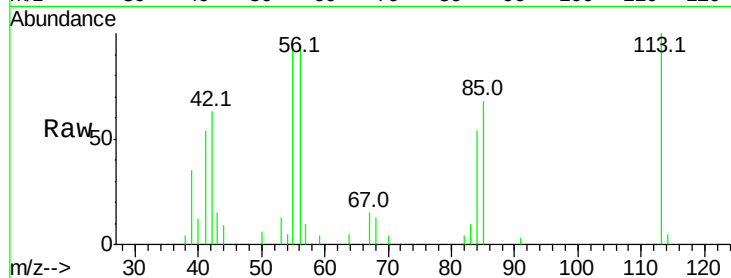
Tot Ion:113 Resp: 13766

Ion Ratio Lower Upper

113 100

55 92.9 186.9 226.9#

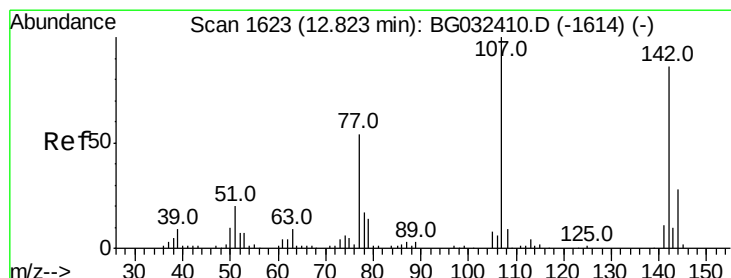
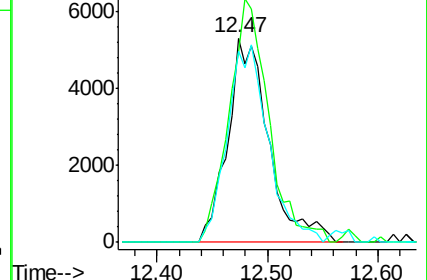
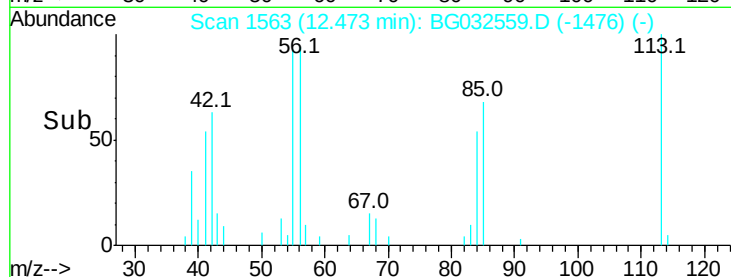
56 93.8 130.9 170.9#



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: 38.857 ng

RT: 12.82 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

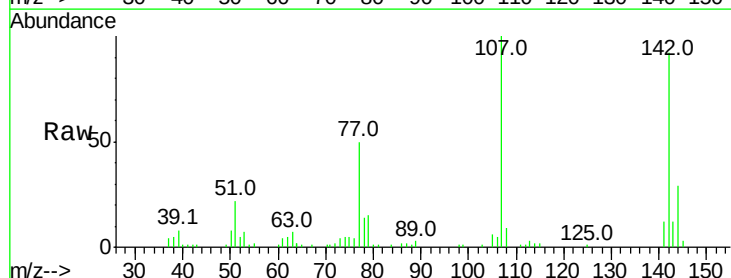
Tgt Ion:107 Resp: 44348

Ion Ratio Lower Upper

107 100

144 29.5 18.2 27.4#

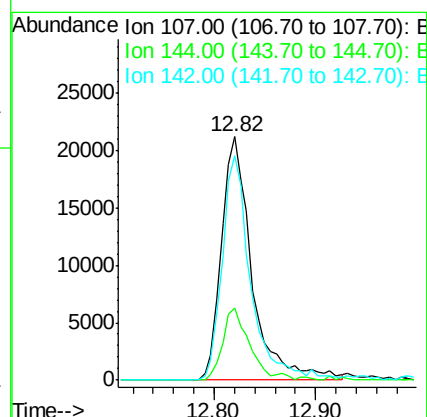
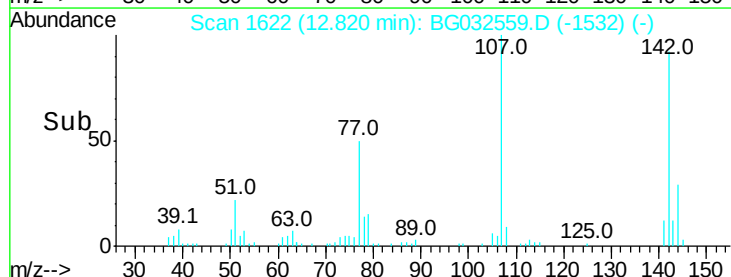
142 92.0 59.0 88.4#

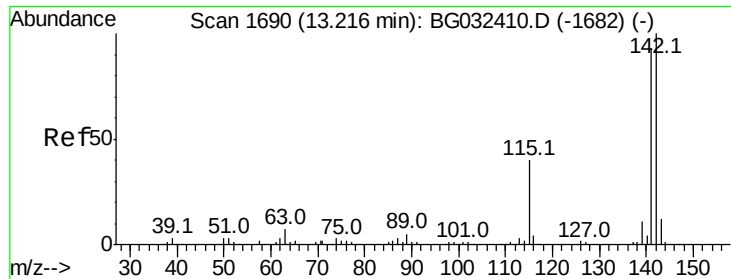


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

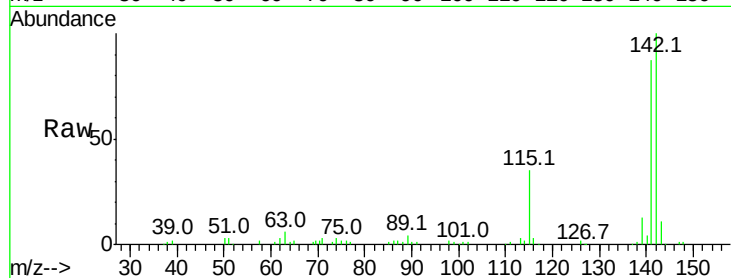




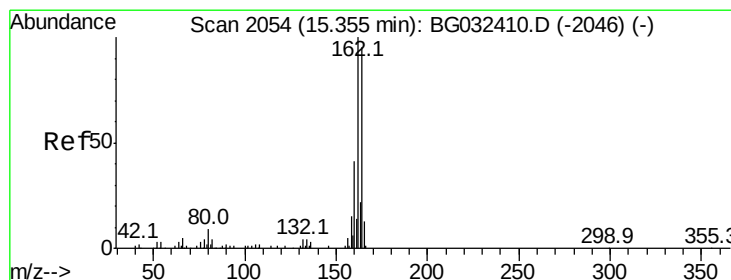
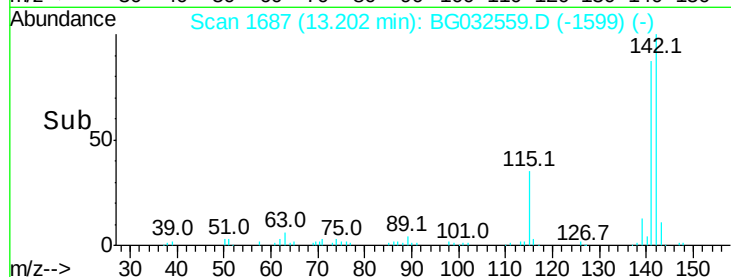
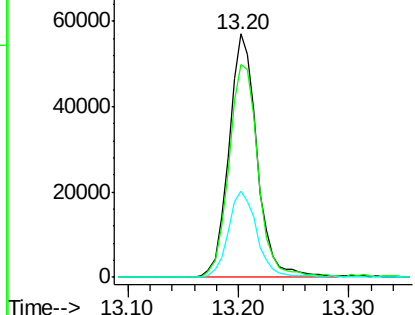
#37
2-Methylnaphthalene
Concen: 36.857 ng
RT: 13.20 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 102261
Ion Ratio Lower Upper
142 100
141 87.5 67.1 100.7
115 35.4 30.7 46.1

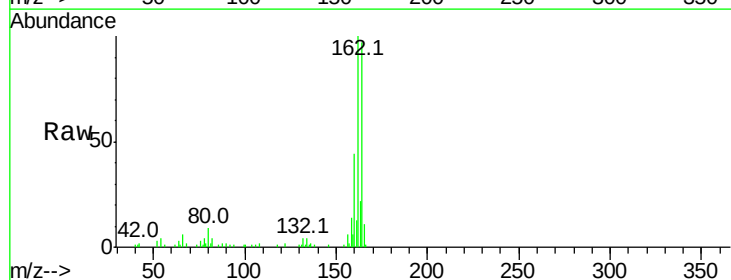


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

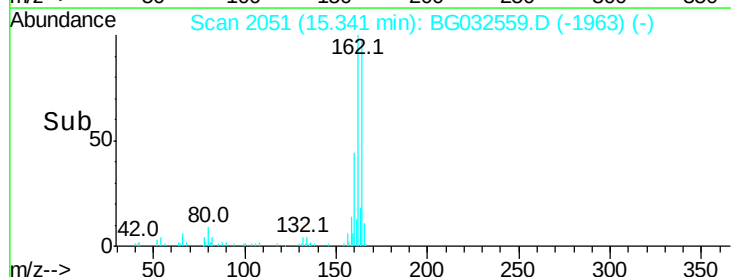
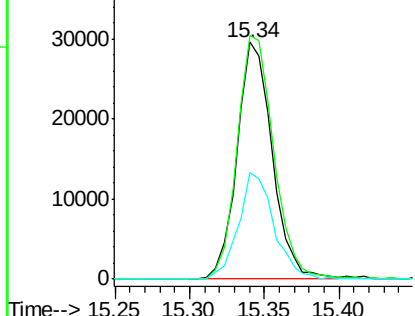


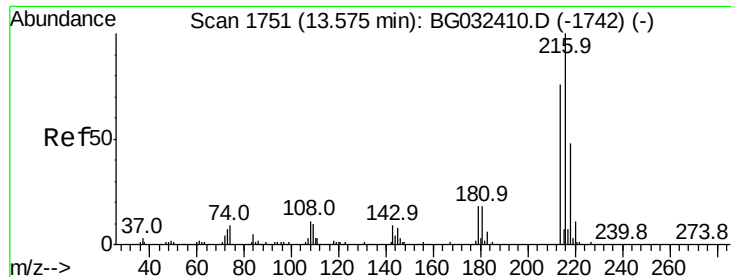
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion:164 Resp: 48422
Ion Ratio Lower Upper
164 100
162 102.7 78.8 118.2
160 45.0 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

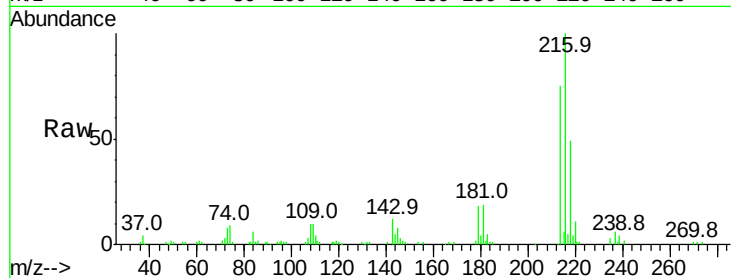




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.674 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	74017
Ion	Ratio	Lower	Upper
216	100		
214	76.8	63.0	94.4
179	18.1	17.0	25.6
108	13.6	12.8	19.2

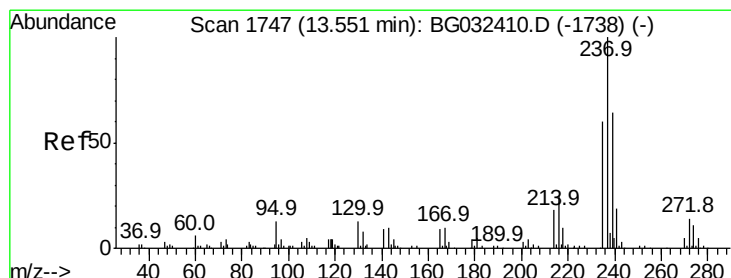
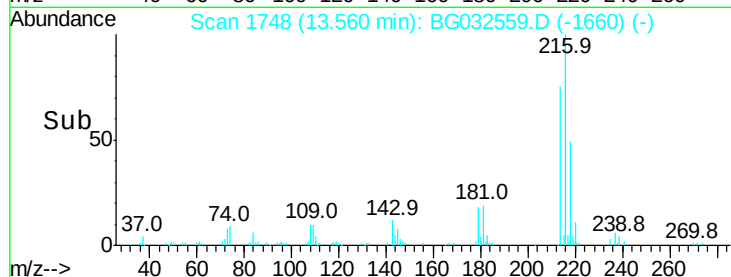
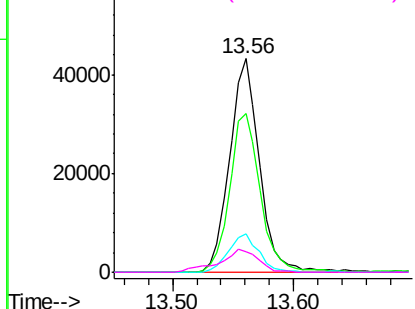


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

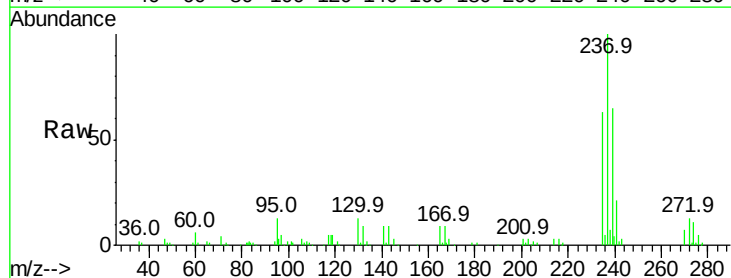
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 68.748 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.02 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

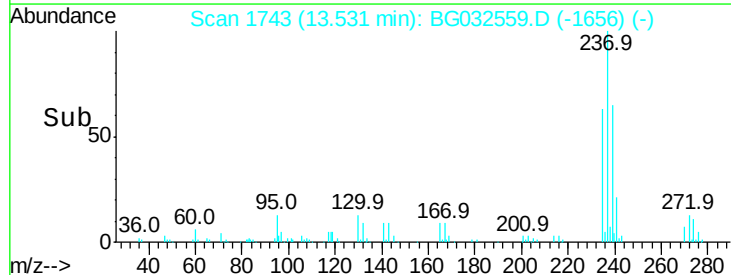
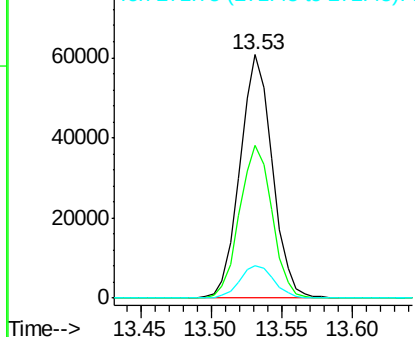
Tgt Ion:	237	Resp:	97306
Ion	Ratio	Lower	Upper
237	100		
235	62.6	50.4	90.4
272	13.5	0.0	31.8

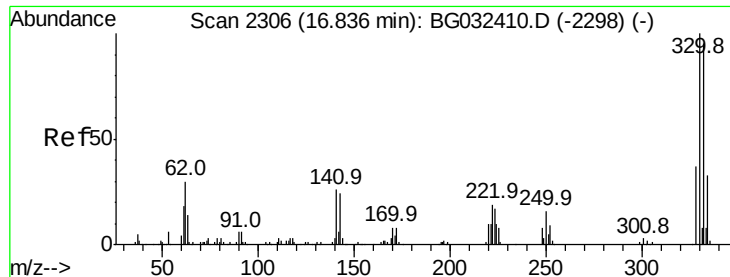


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

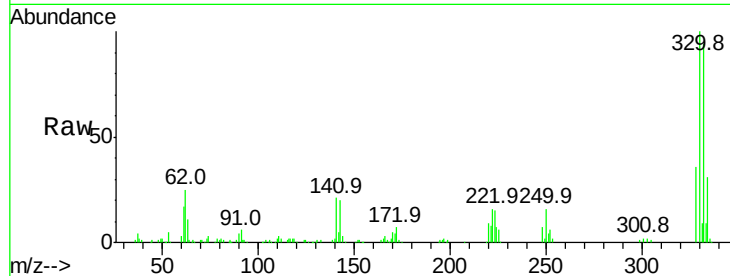




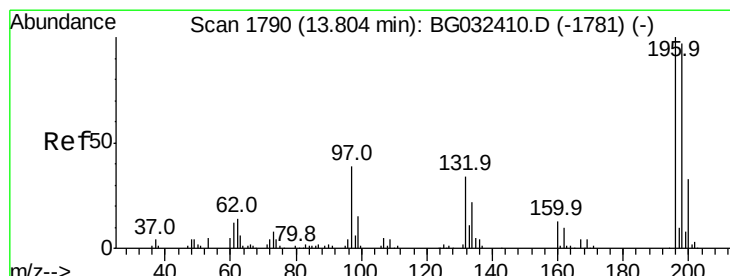
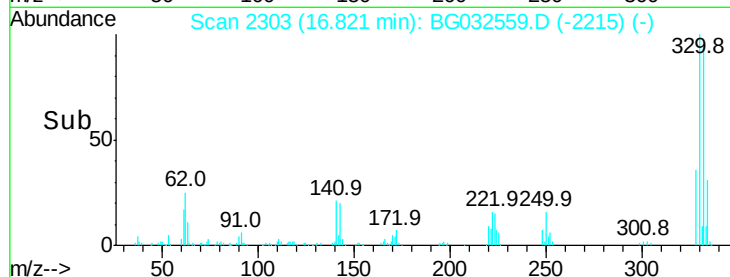
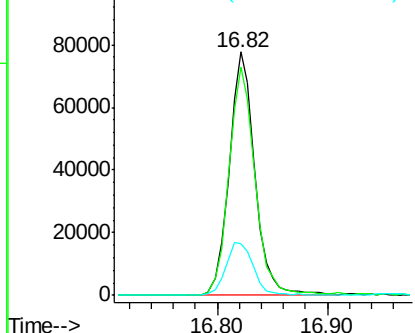
#41
 2,4,6-Tribromophenol
 Concen: 137.129 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	23.5	25.2	37.8#

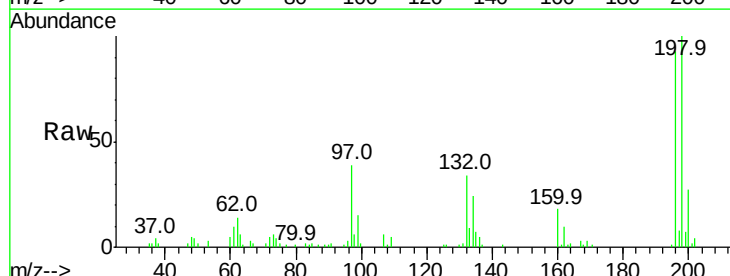


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

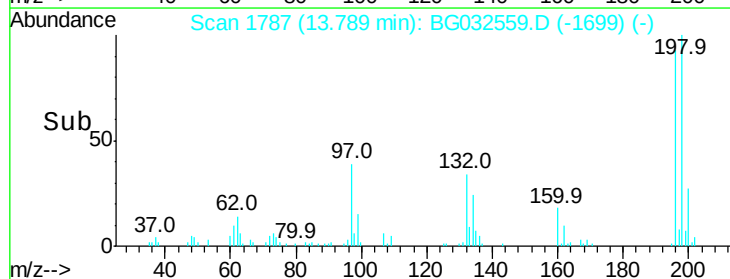
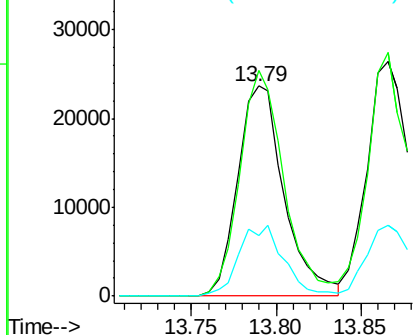


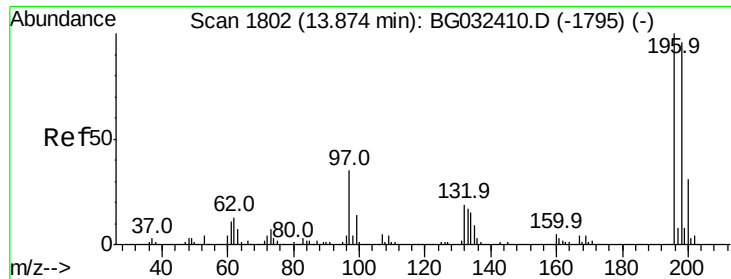
#42
 2,4,6-Trichlorophenol
 Concen: 36.815 ng
 RT: 13.79 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	107.2	78.2	117.2
200	29.0	24.6	36.8



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

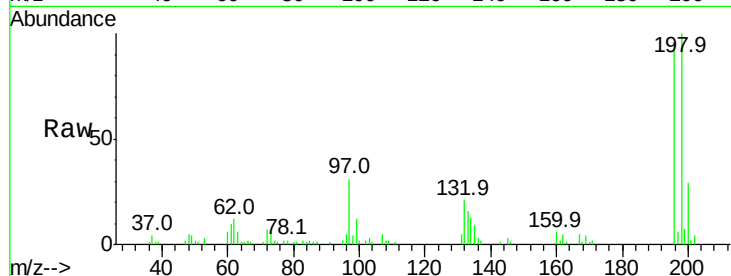




#43
 2,4,5-Trichlorophenol
 Concen: 35.639 ng
 RT: 13.87 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	103.8	76.2	114.4
97	32.7	38.7	58.1
132	21.7	20.2	30.2



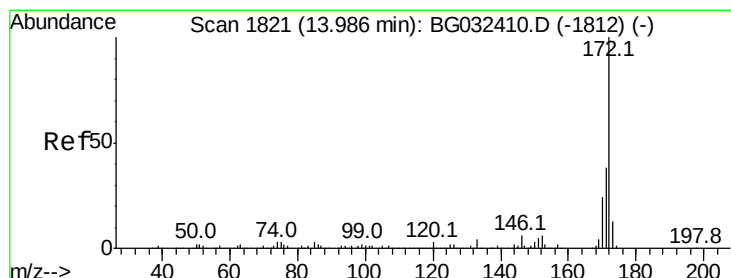
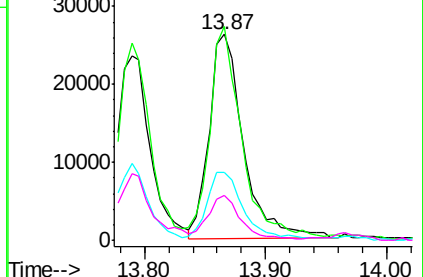
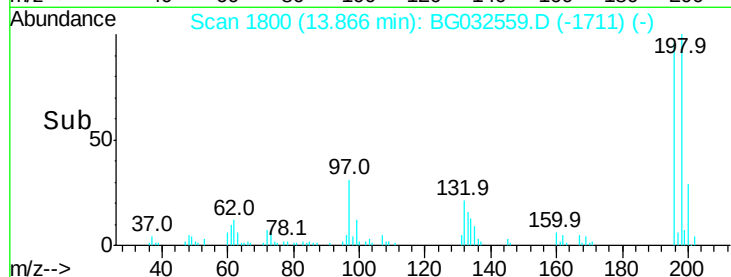
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

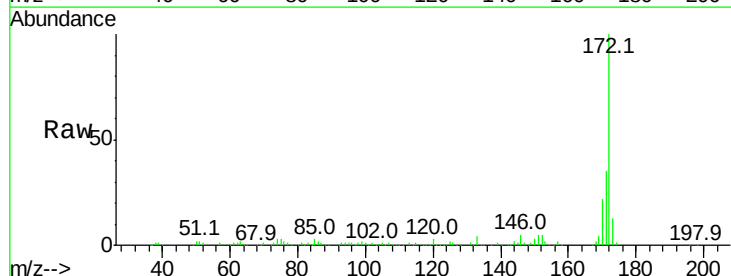
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.423 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.0	45.0
170	22.5	19.5	29.3

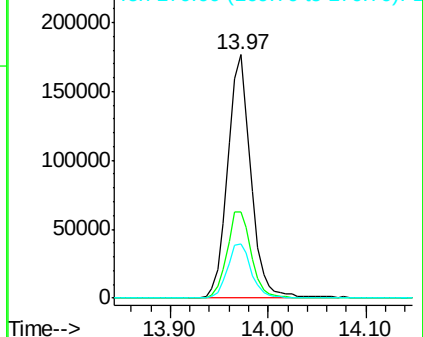
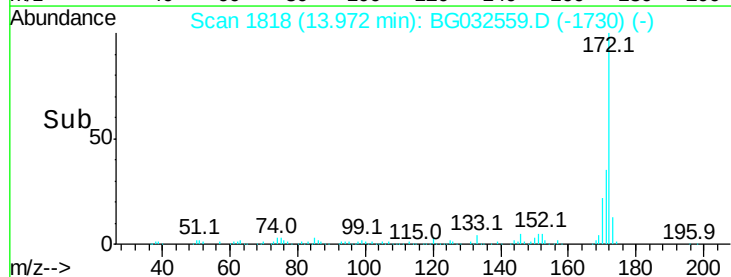


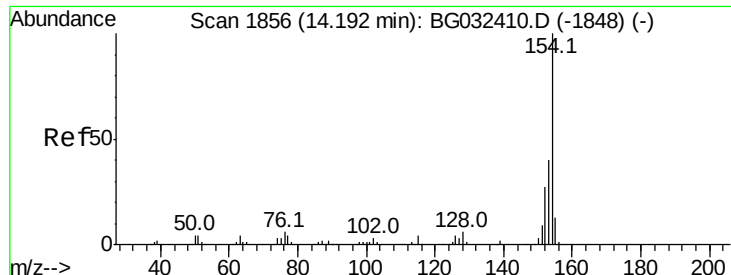
Abundance

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: 34.897 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampleId :

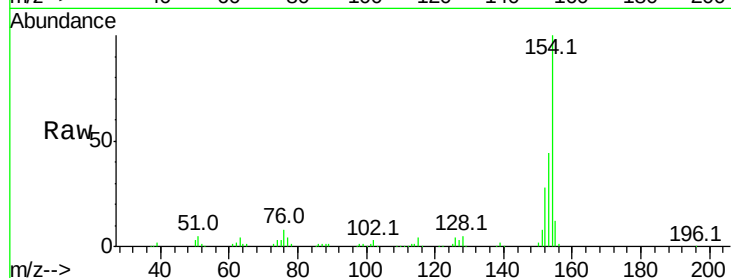
Tot Ion:154 Resp: 142760

Ion Ratio Lower Upper

154 100

153 44.1 19.8 59.8

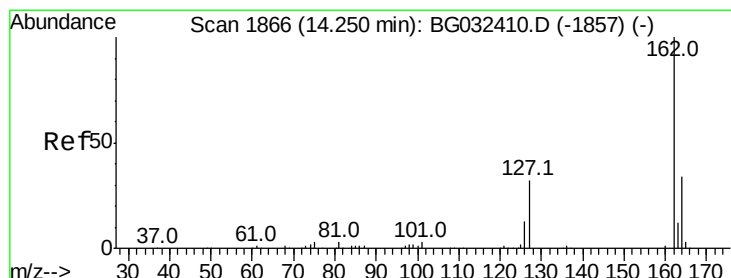
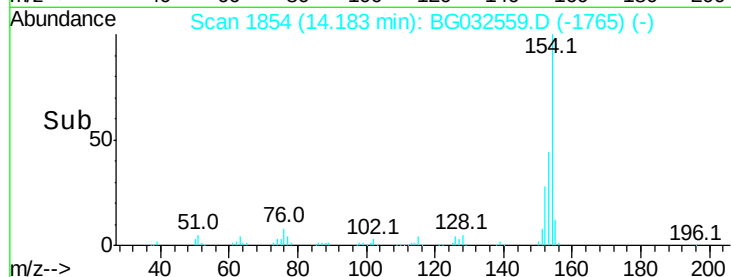
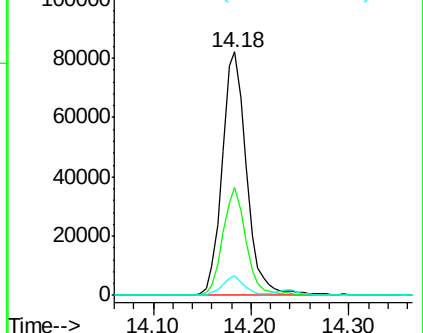
76 8.1 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 35.721 ng

RT: 14.24 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

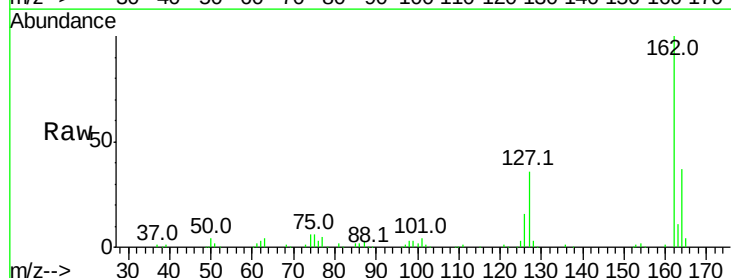
Tgt Ion:162 Resp: 114535

Ion Ratio Lower Upper

162 100

127 35.6 30.7 46.1

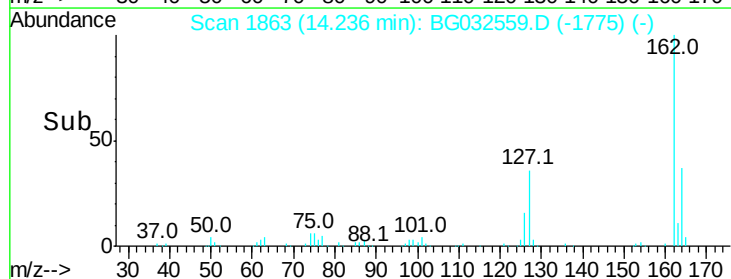
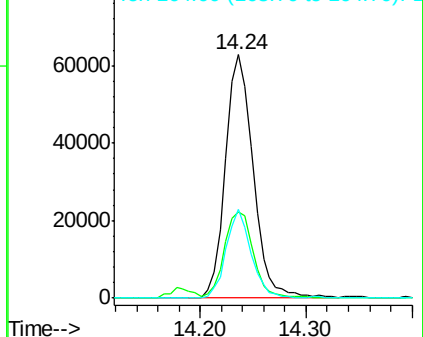
164 36.6 26.0 39.0

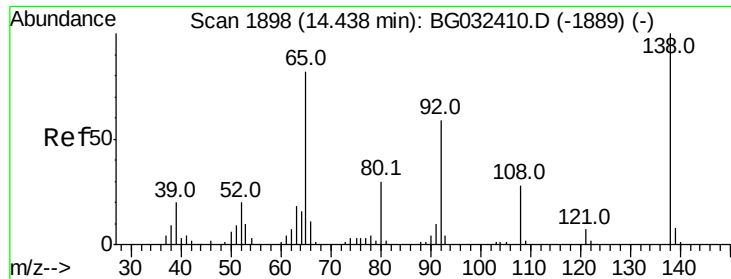


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

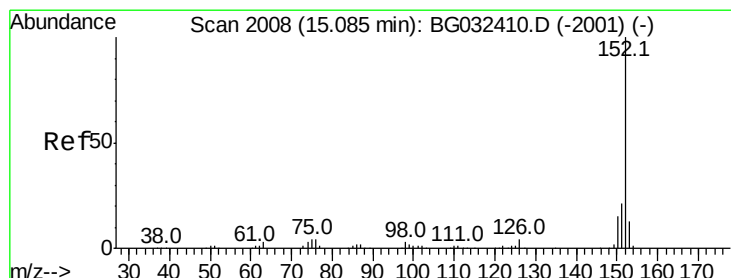
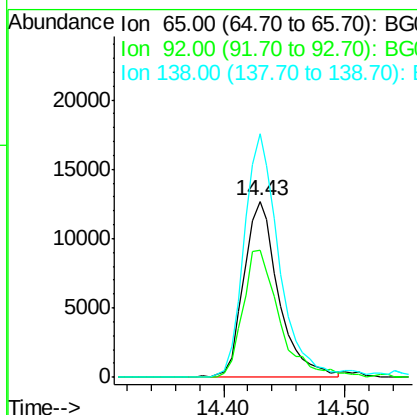
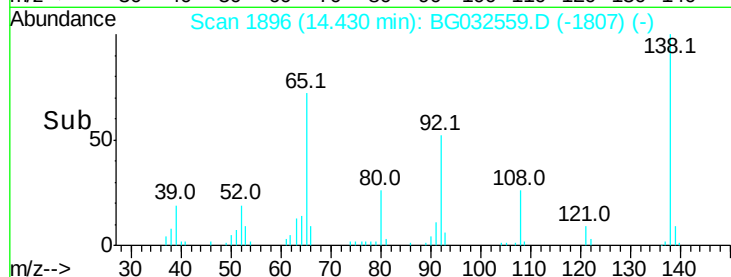
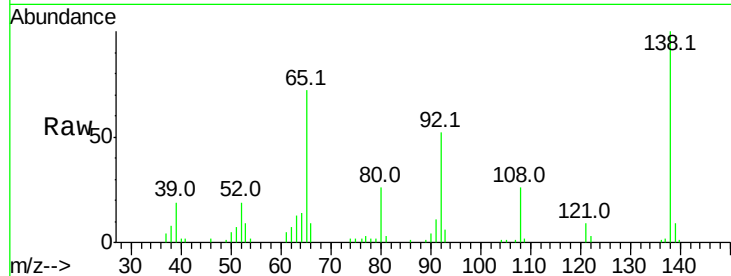




#47
 2-Nitroaniline
 Concen: 36.104 ng
 RT: 14.43 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

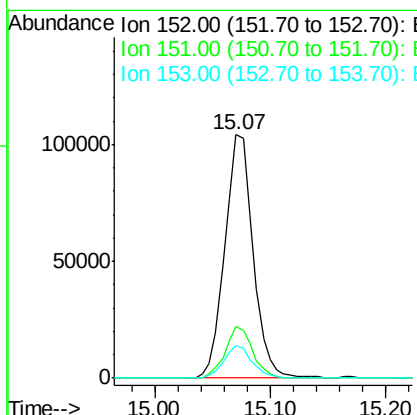
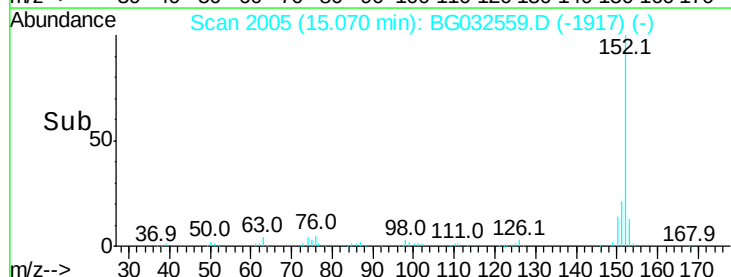
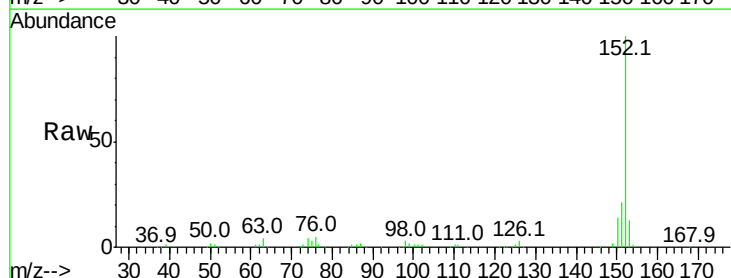
Instrument :
 BNA_G
 ClientSampled :

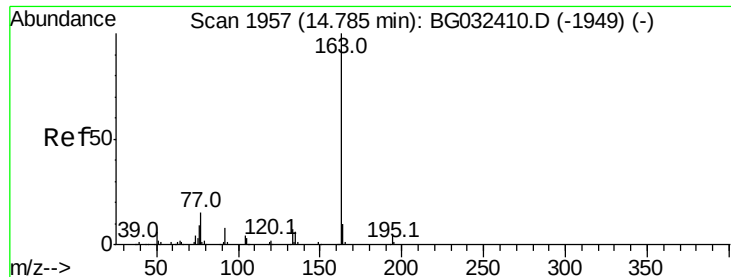
Tot Ion: 65 Resp: 25600
 Ion Ratio Lower Upper
 65 100
 92 72.5 54.6 82.0
 138 138.3 72.9 109.3#



#48
 Acenaphthylene
 Concen: 36.522 ng
 RT: 15.07 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion: 152 Resp: 177032
 Ion Ratio Lower Upper
 152 100
 151 21.3 17.2 25.8
 153 13.1 10.2 15.4





#49

Dimethylphthalate

Concen: 34.981 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampleId :

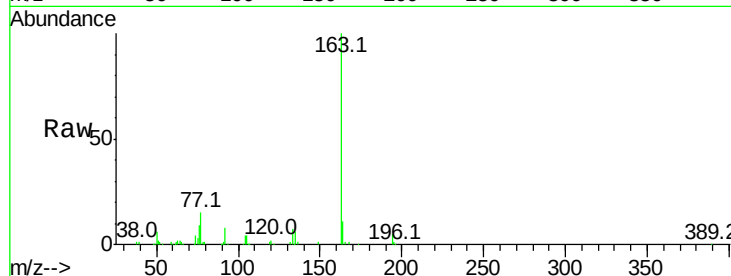
Tot Ion:163 Resp: 156182

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

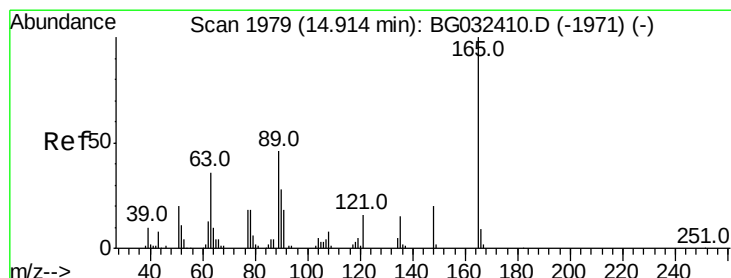
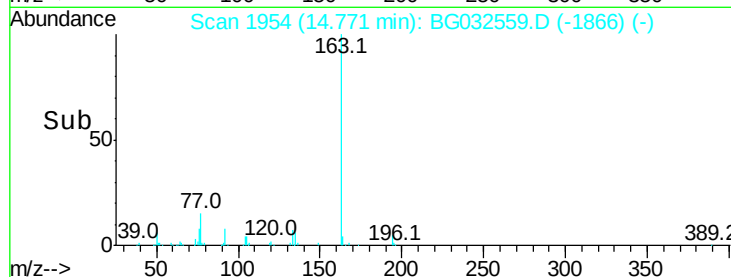
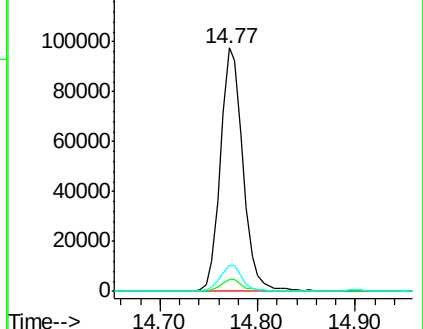
164 10.8 8.2 12.4



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: 37.543 ng

RT: 14.91 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

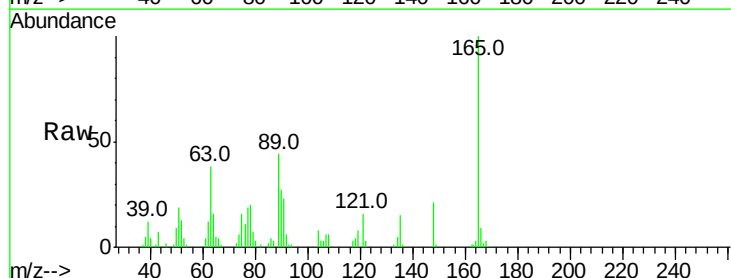
Tgt Ion:165 Resp: 35181

Ion Ratio Lower Upper

165 100

63 38.3 52.7 79.1#

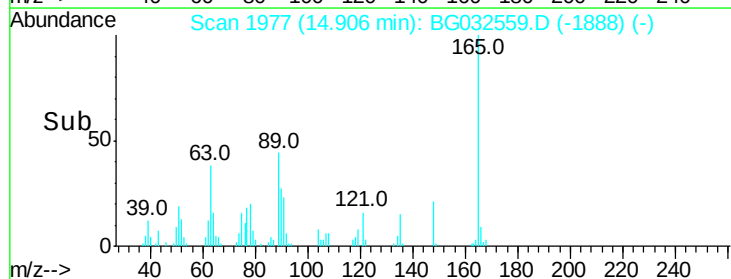
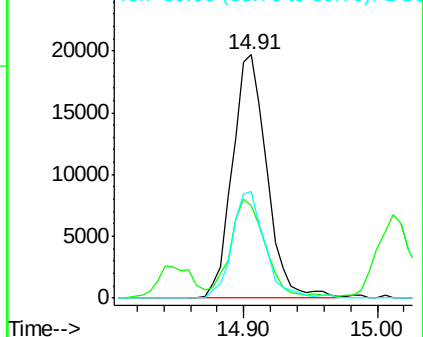
89 43.8 49.2 73.8#

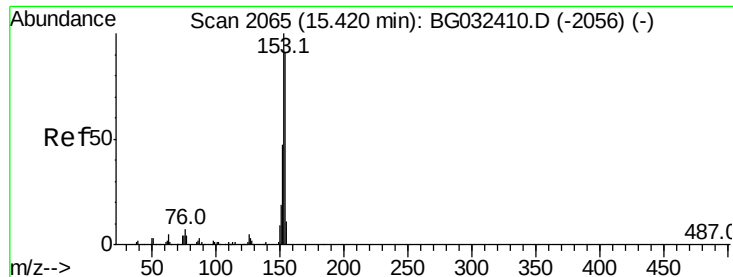


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 33.330 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampled :

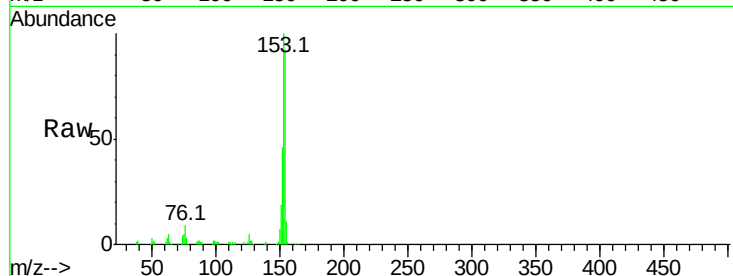
Tot Ion:154 Resp: 112046

Ion Ratio Lower Upper

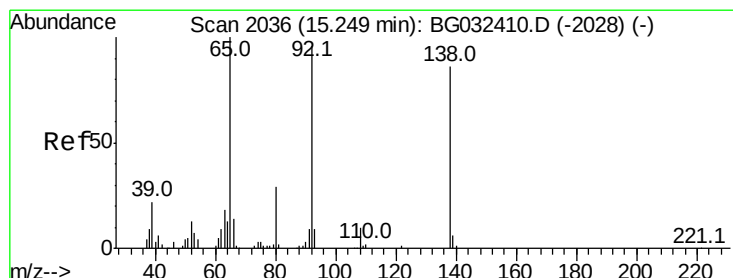
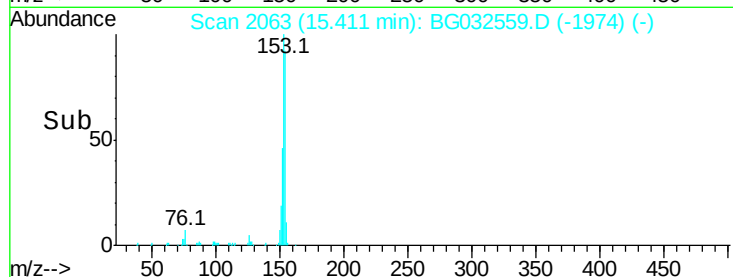
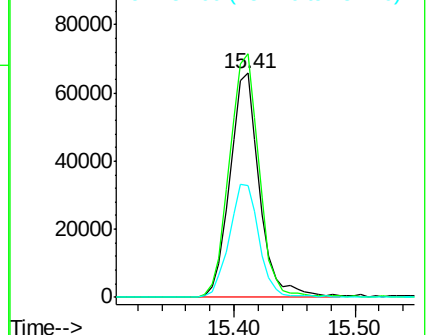
154 100

153 108.6 90.4 135.6

152 50.1 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: 20.292 ng

RT: 15.24 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

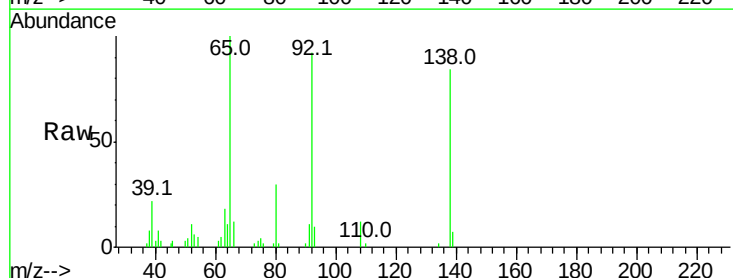
Tgt Ion:138 Resp: 16609

Ion Ratio Lower Upper

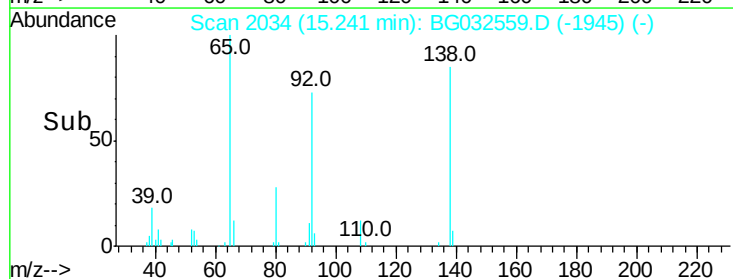
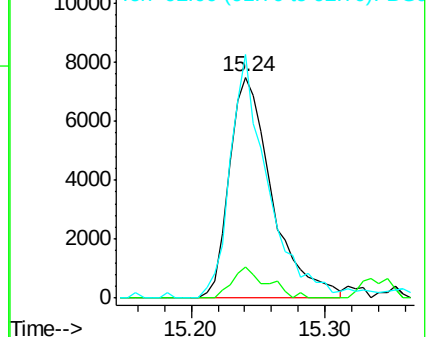
138 100

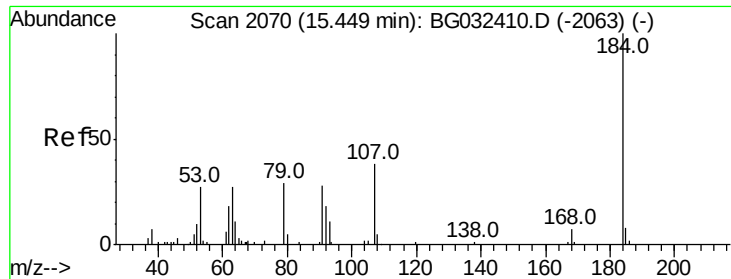
108 14.2 17.5 26.3#

92 110.3 105.8 158.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BG

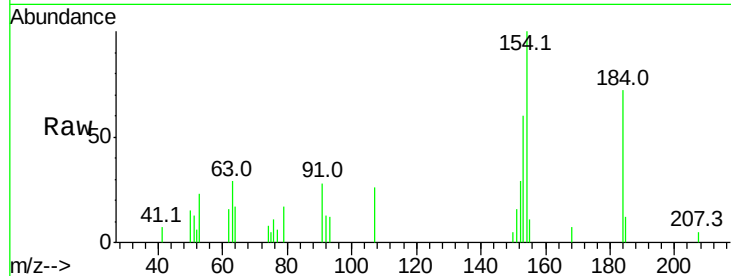




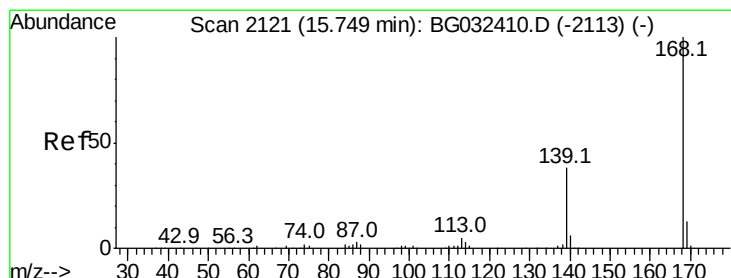
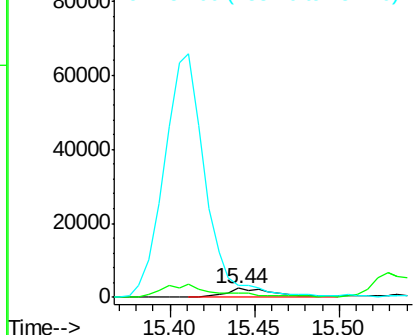
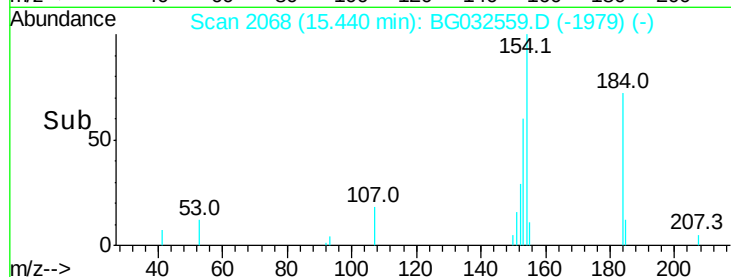
#53
2,4-Dinitrophenol
Concen: 12.402 ng
RT: 15.44 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 5116
Ion Ratio Lower Upper
184 100
63 41.0 59.8 89.8#
154 139.0 101.8 152.8

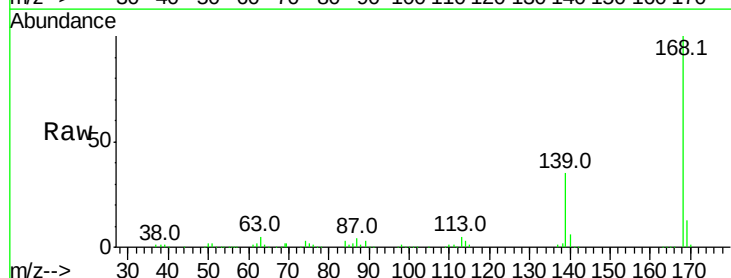


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

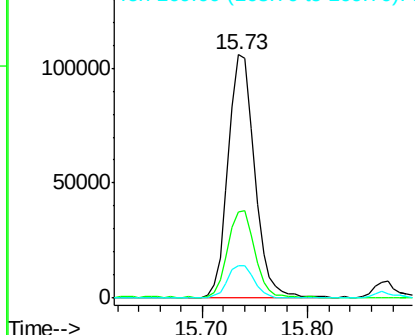
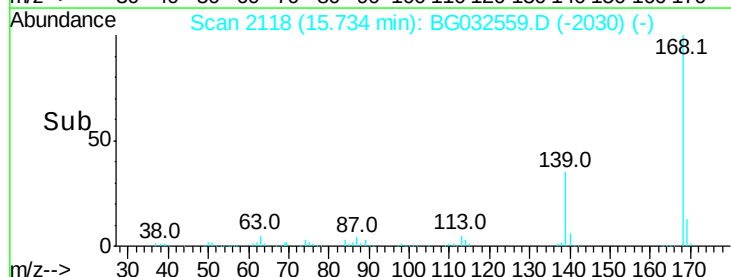


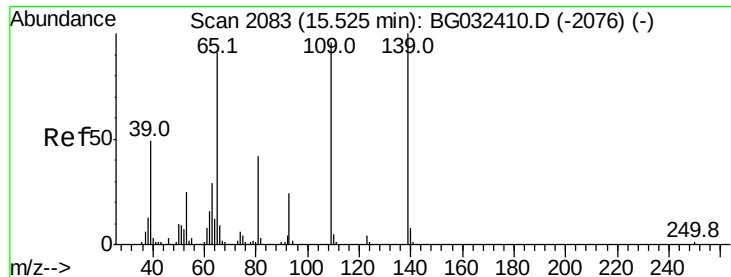
#54
Dibenzofuran
Concen: 37.160 ng
RT: 15.73 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion:168 Resp: 184899
Ion Ratio Lower Upper
168 100
139 35.3 28.6 43.0
169 13.4 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: 77.891 ng

RT: 15.53 min Scan# 2084

Delta R.T. 0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampleId :

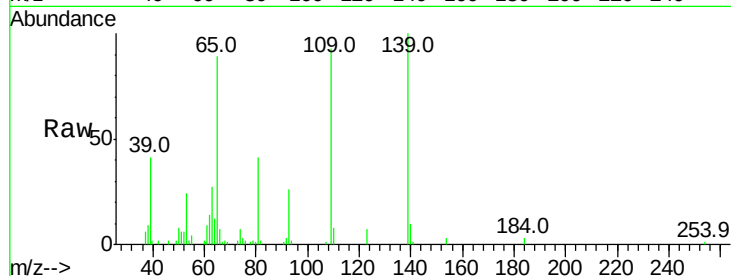
Tot Ion:139 Resp: 47730

Ion Ratio Lower Upper

139 100

109 93.5 62.2 102.2

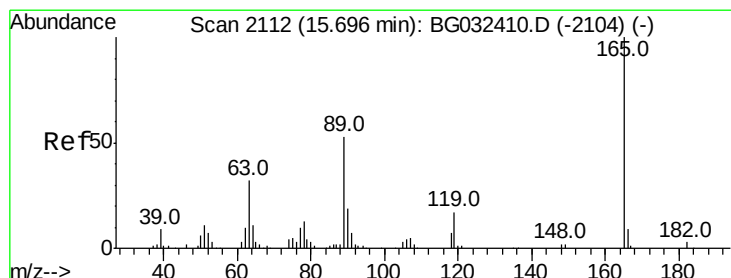
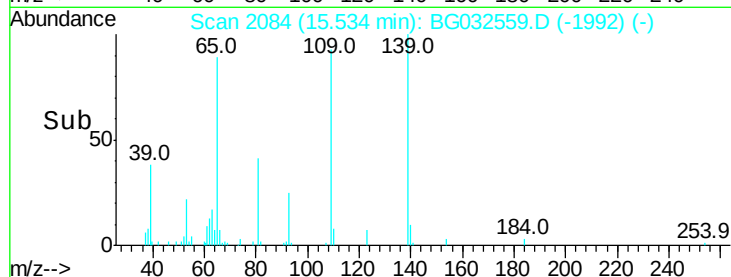
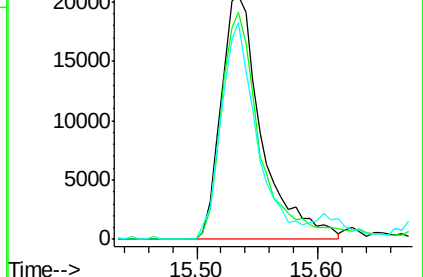
65 88.8 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 39.045 ng

RT: 15.68 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Tgt Ion:165 Resp: 52095

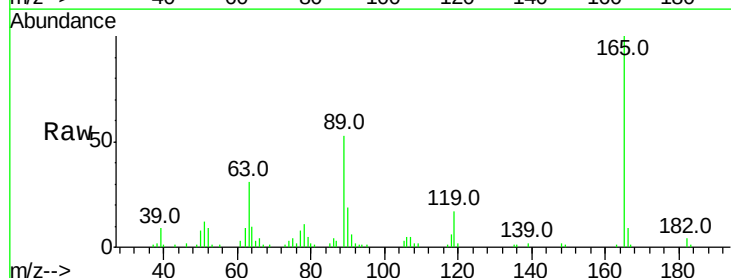
Ion Ratio Lower Upper

165 100

63 30.6 42.0 63.0#

89 53.3 66.9 100.3#

182 3.8 2.6 3.8

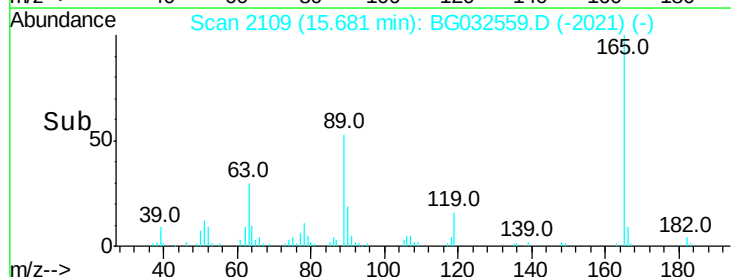
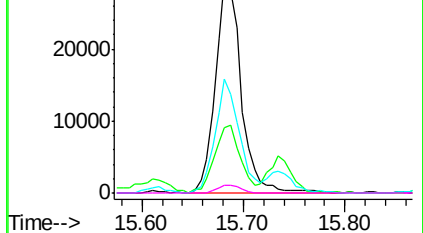


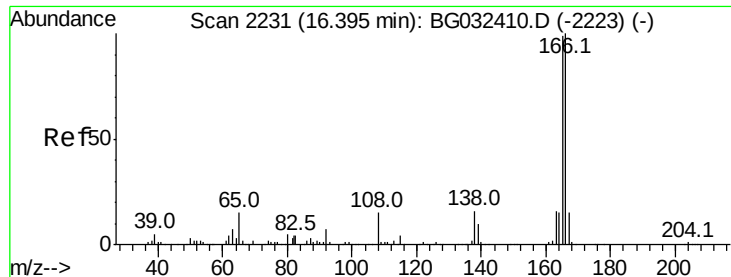
Abundance Ion 165.00 (164.70 to 165.70): E

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

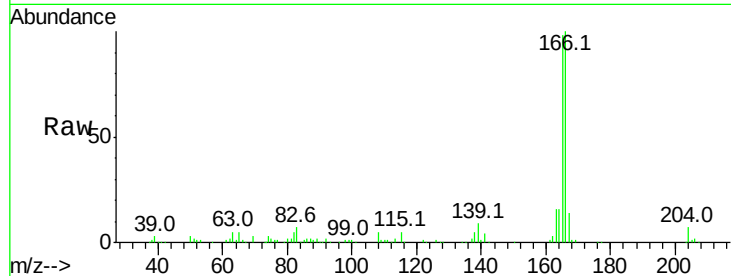




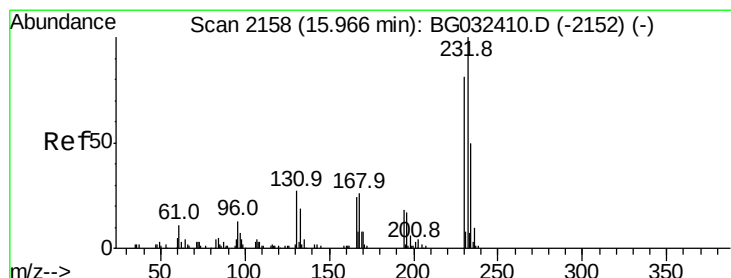
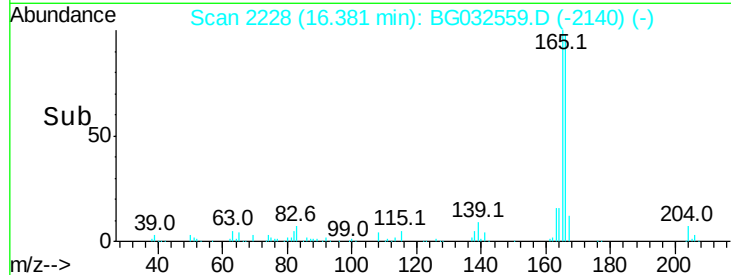
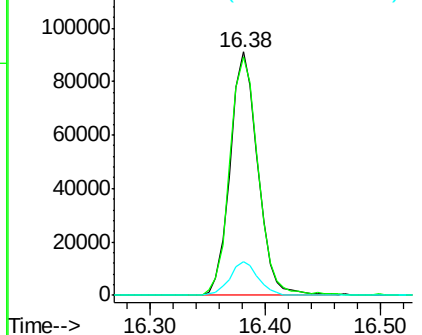
#57
 Fluorene
 Concen: 36.597 ng
 RT: 16.38 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.8	80.6	121.0
167	14.1	10.4	15.6

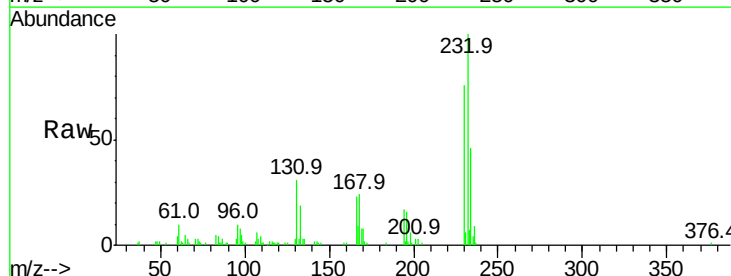


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

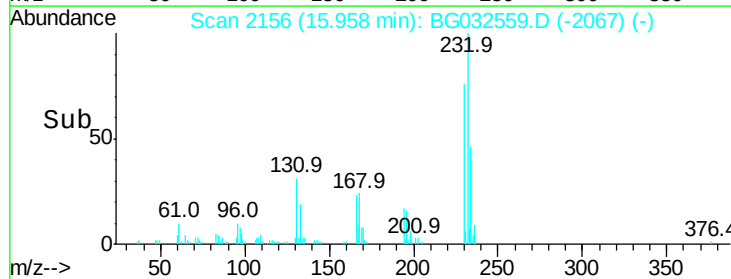
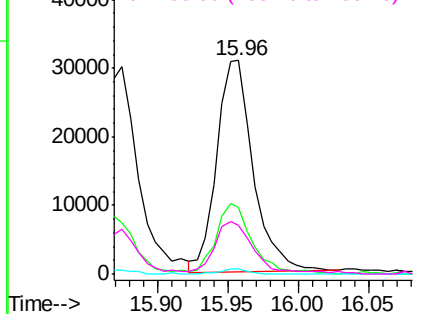


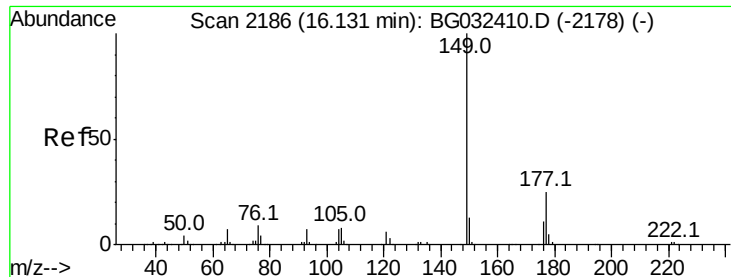
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.978 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
232	100		
131	33.3	33.5	50.3#
130	2.0	2.2	3.2#
166	27.2	24.8	37.2



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.927 ng

RT: 16.12 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampleId :

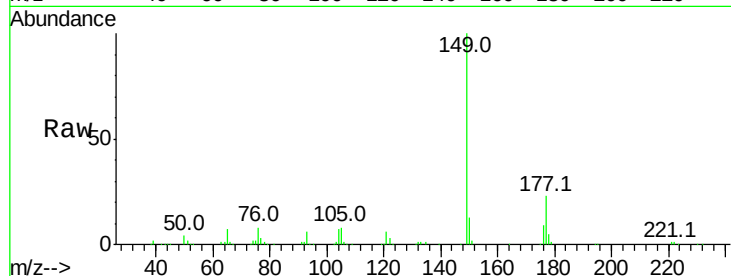
Tot Ion:149 Resp: 160574

Ion Ratio Lower Upper

149 100

177 23.5 18.5 27.7

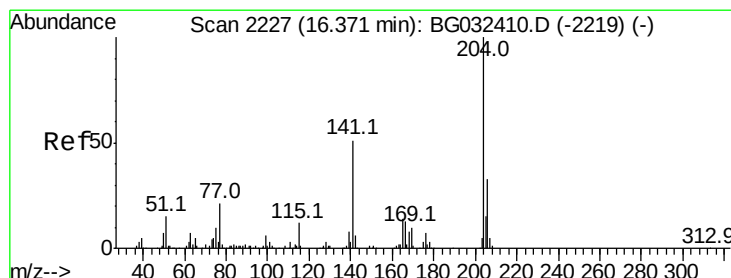
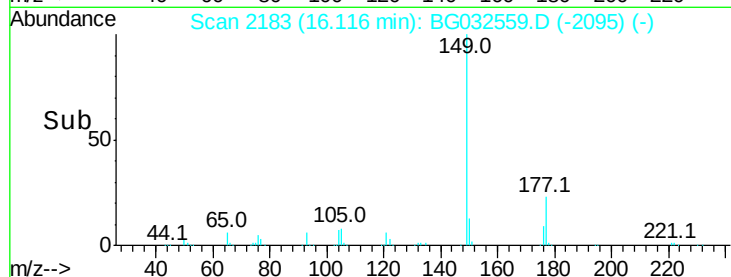
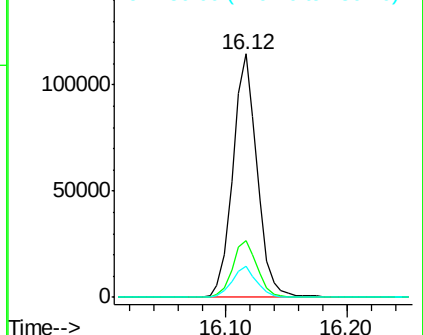
150 13.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.103 ng

RT: 16.36 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

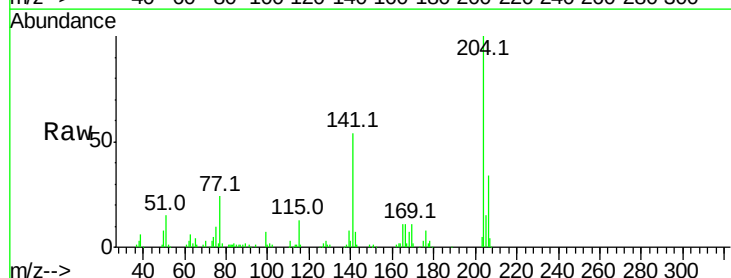
Tgt Ion:204 Resp: 91522

Ion Ratio Lower Upper

204 100

206 34.3 26.2 39.2

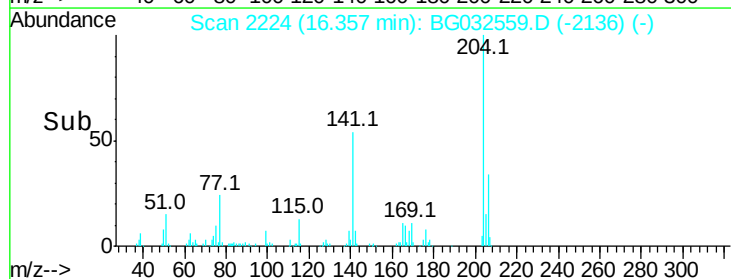
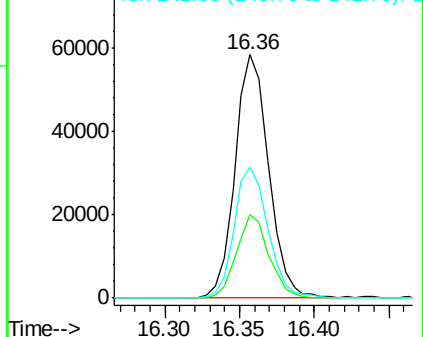
141 53.6 45.8 68.6

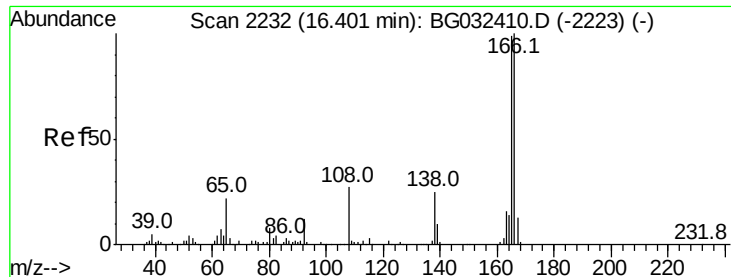


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

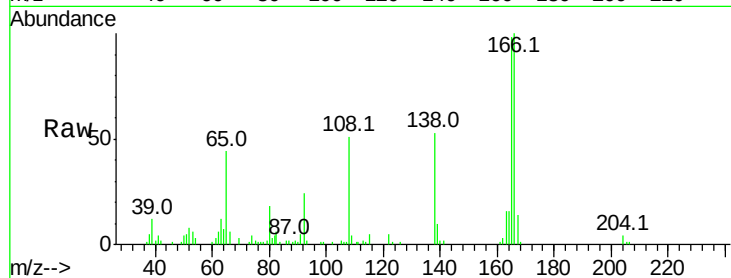




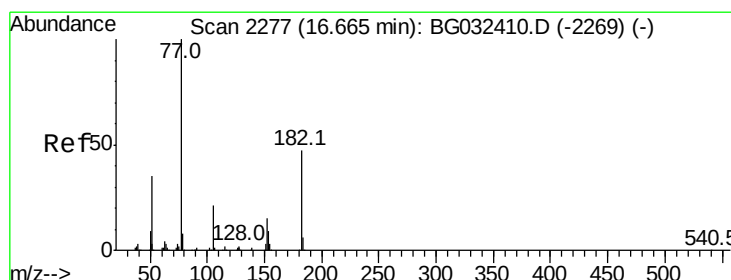
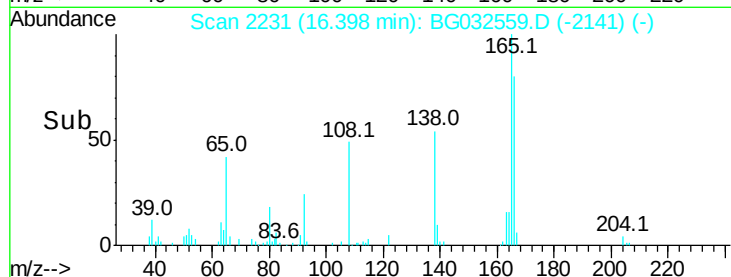
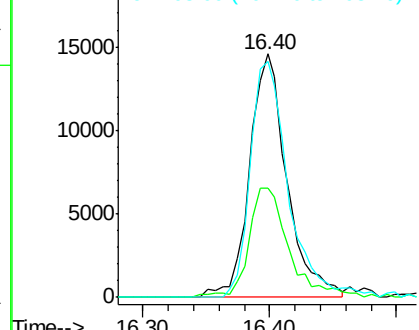
#61
4-Nitroaniline
Concen: 33.973 ng
RT: 16.40 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 29804
Ion Ratio Lower Upper
138 100
92 44.7 40.1 80.1
108 97.1 65.4 105.4

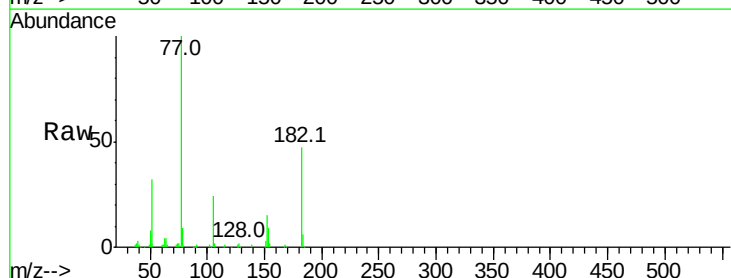


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

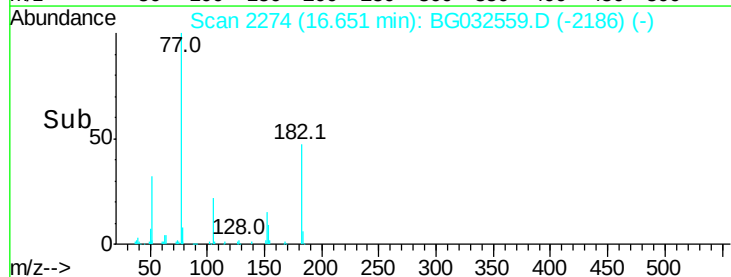
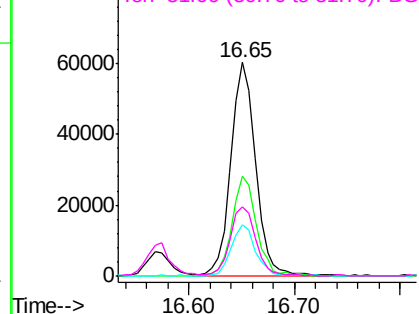


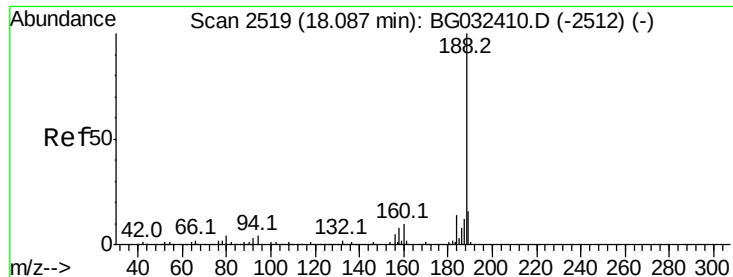
#62
Azobenzene
Concen: 37.281 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion: 77 Resp: 96880
Ion Ratio Lower Upper
77 100
182 46.9 7.4 47.4
105 24.2 0.3 40.3
51 32.3 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: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampled :

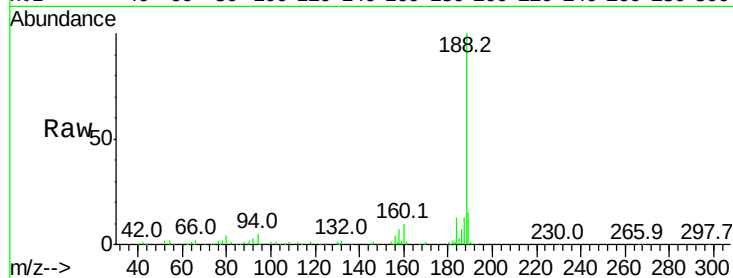
Tot Ion:188 Resp: 129192

Ion Ratio Lower Upper

188 100

94 4.6 6.9 10.3#

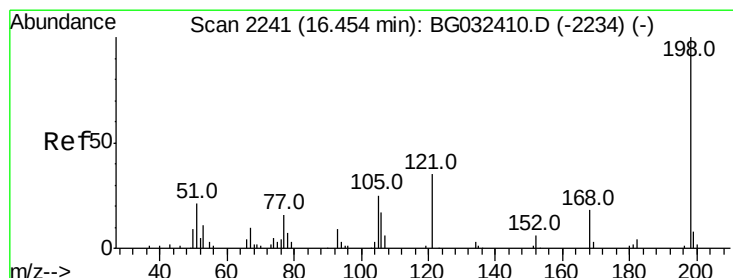
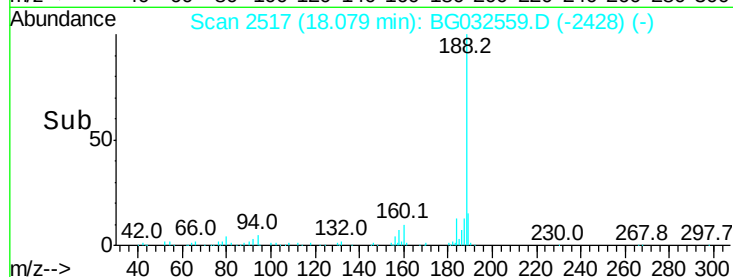
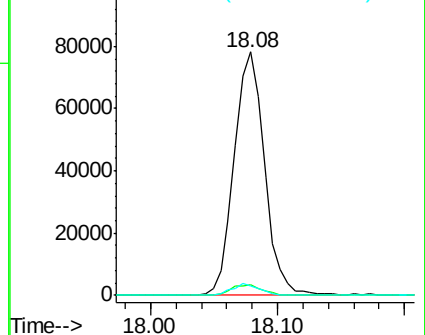
80 4.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 9.544 ng

RT: 16.45 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

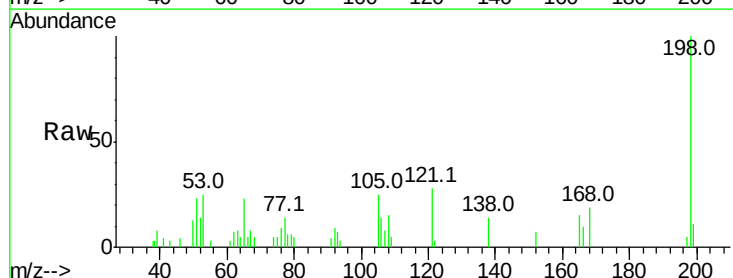
Tgt Ion:198 Resp: 9211

Ion Ratio Lower Upper

198 100

51 23.1 30.6 70.6#

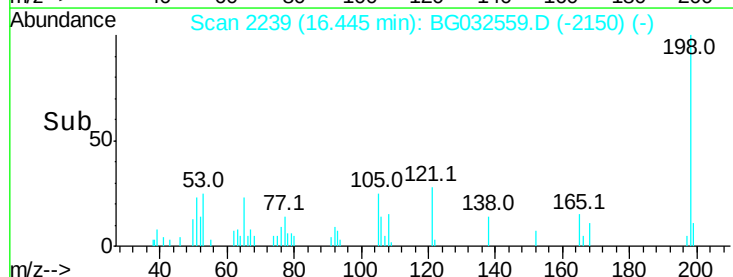
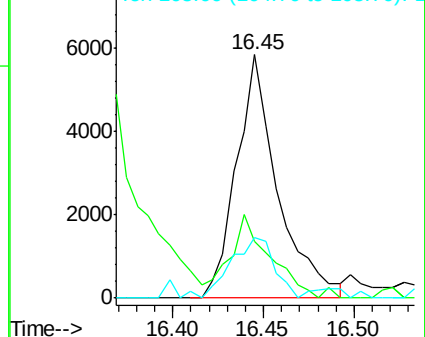
105 25.1 23.8 63.8

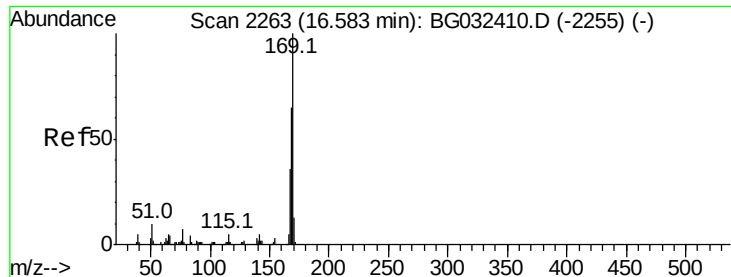


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.114 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampled :

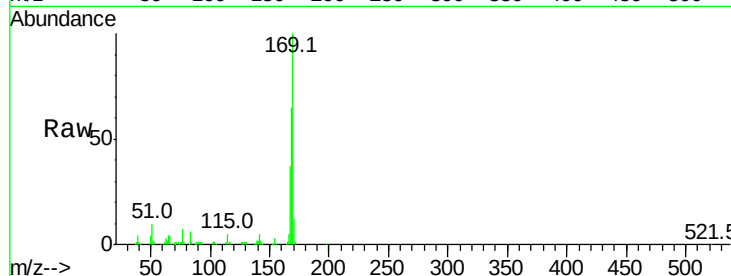
Tot Ion:169 Resp: 143093

Ion Ratio Lower Upper

169 100

168 65.1 55.7 83.5

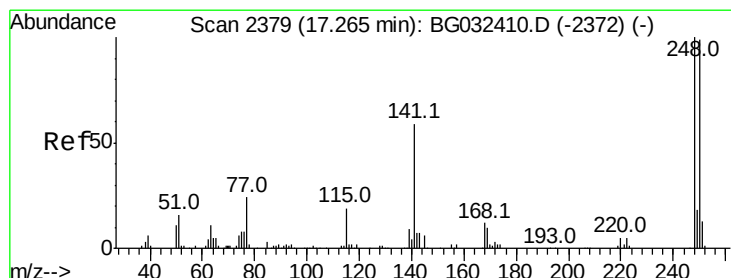
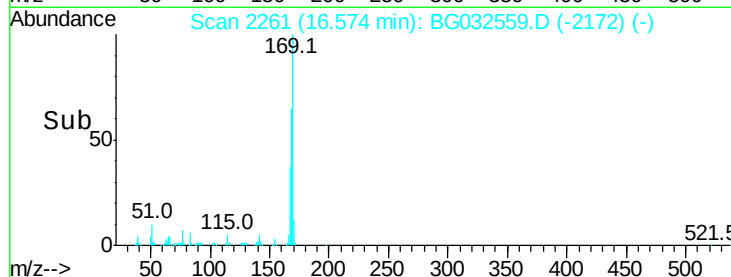
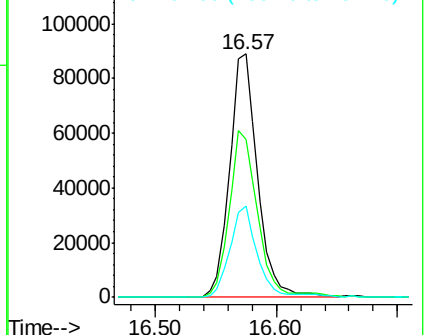
167 37.4 30.1 45.1



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: 37.045 ng

RT: 17.25 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

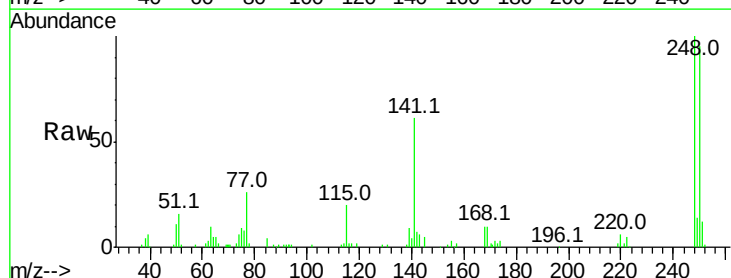
Tgt Ion:248 Resp: 70902

Ion Ratio Lower Upper

248 100

250 95.0 77.1 115.7

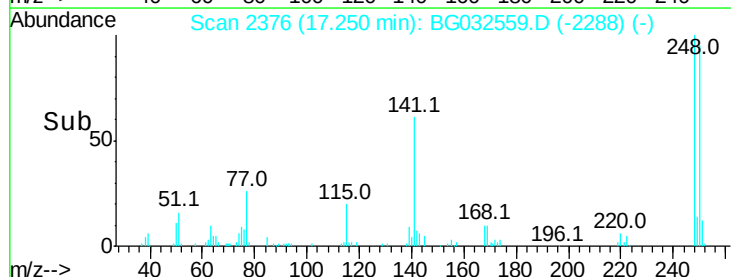
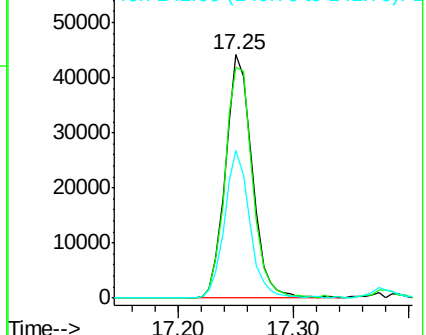
141 60.6 50.8 76.2

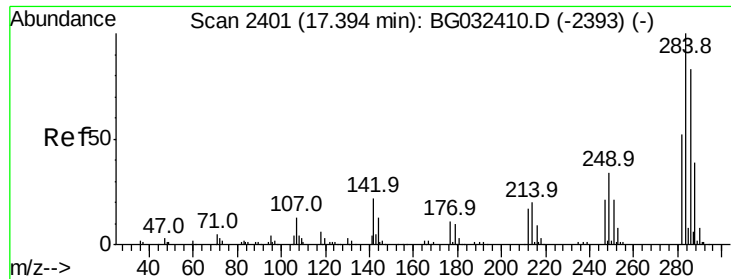


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.908 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampleId :

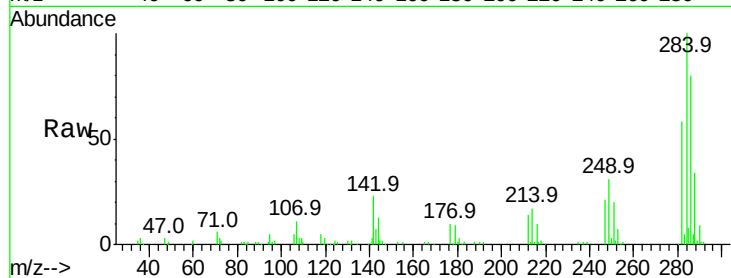
Tot Ion:284 Resp: 80292

Ion Ratio Lower Upper

284 100

142 23.0 26.8 40.2#

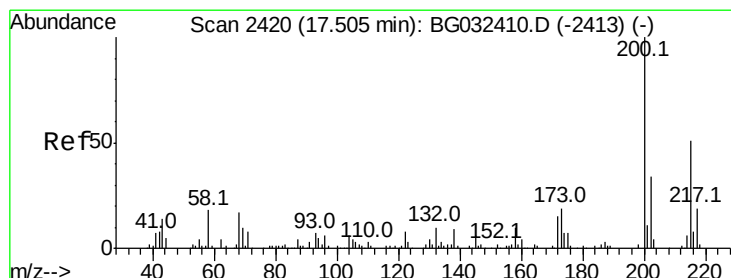
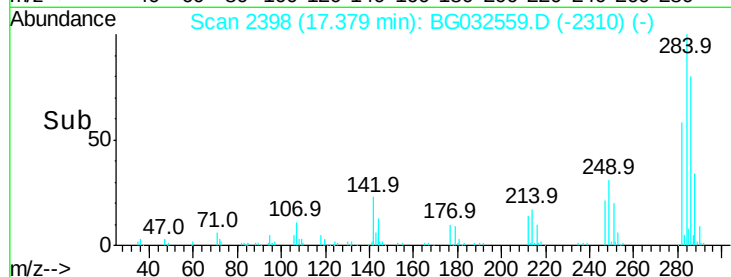
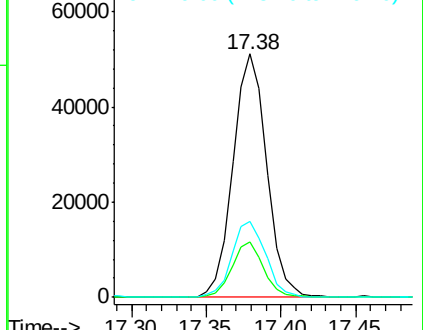
249 31.2 26.3 39.5



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: 39.729 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

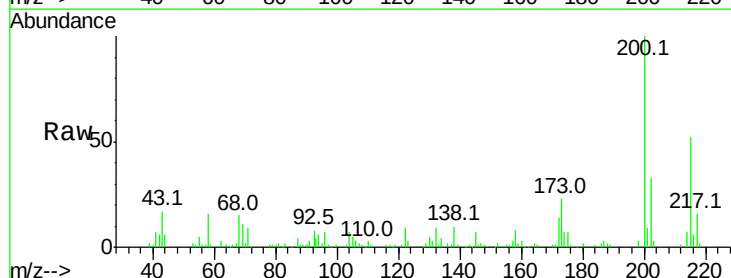
Tgt Ion:200 Resp: 65756

Ion Ratio Lower Upper

200 100

173 22.7 5.2 45.2

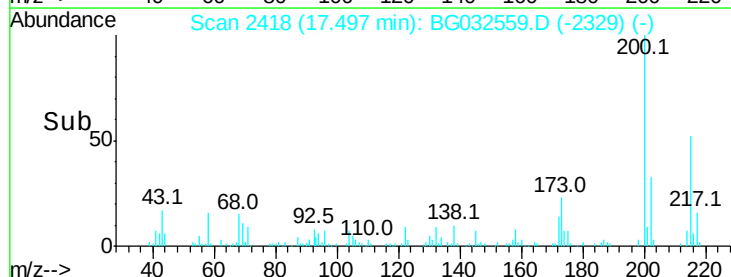
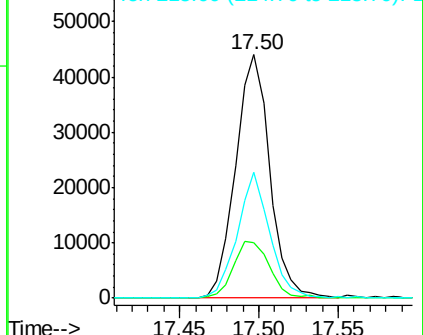
215 51.8 30.4 70.4

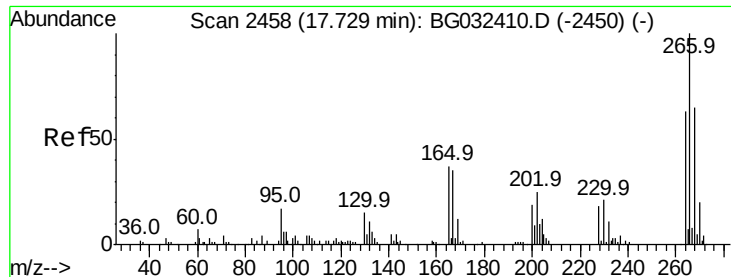


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

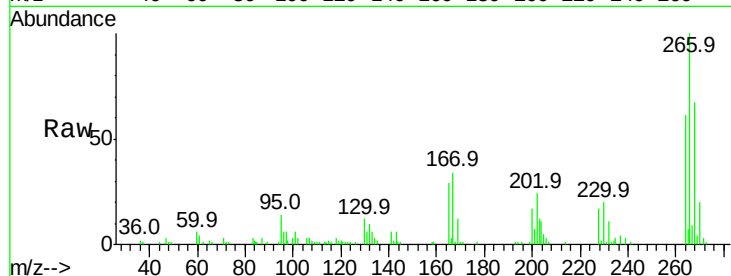




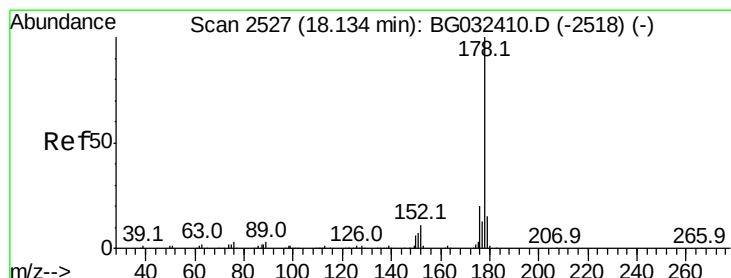
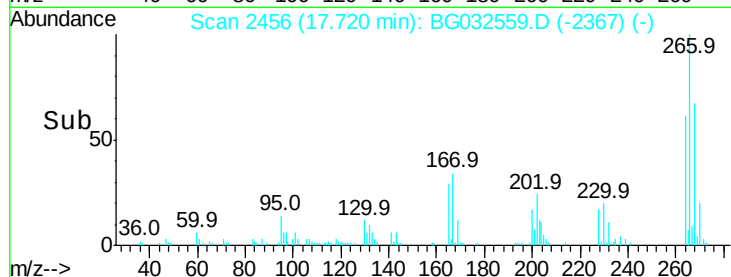
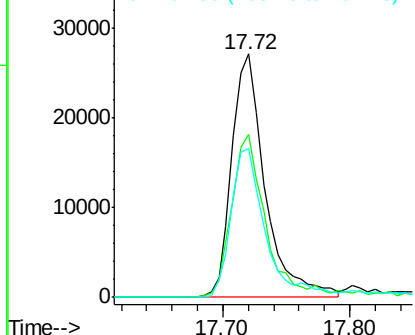
#69
 Pentachlorophenol
 Concen: 37.351 ng
 RT: 17.72 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.0	51.1	76.7
264	61.0	49.6	74.4

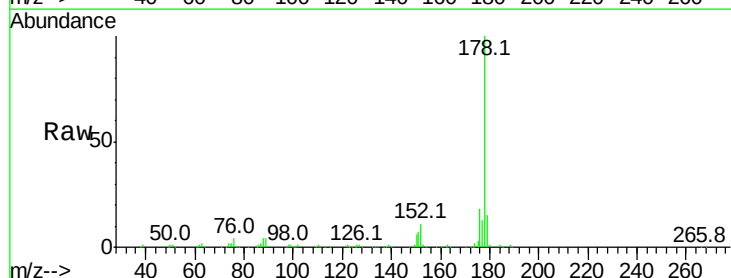


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

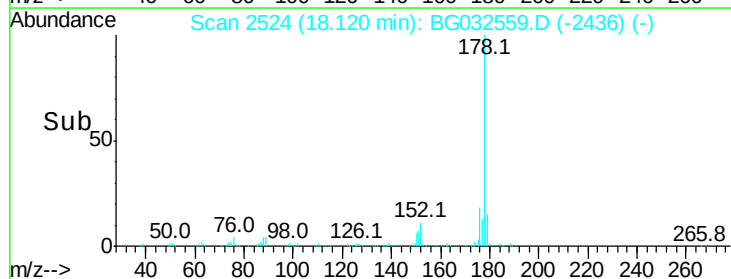
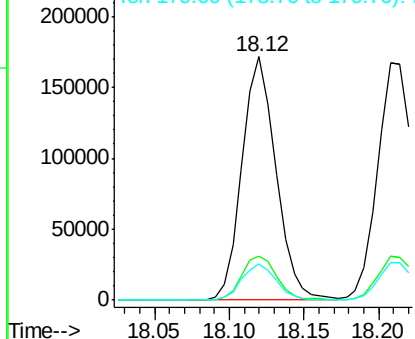


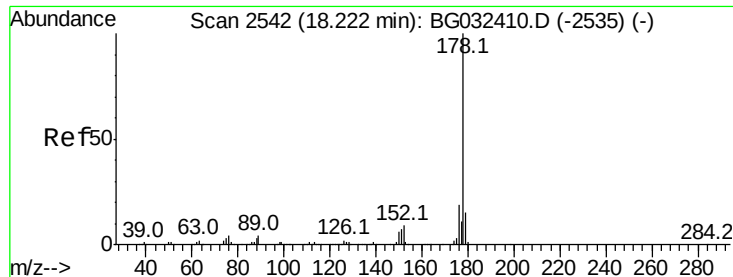
#70
 Phenanthrene
 Concen: 37.681 ng
 RT: 18.12 min Scan# 2524
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.7	23.5
179	14.7	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

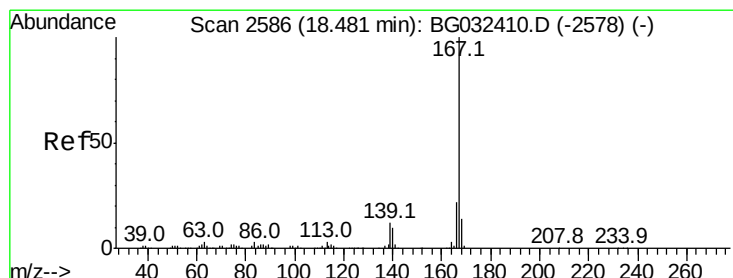
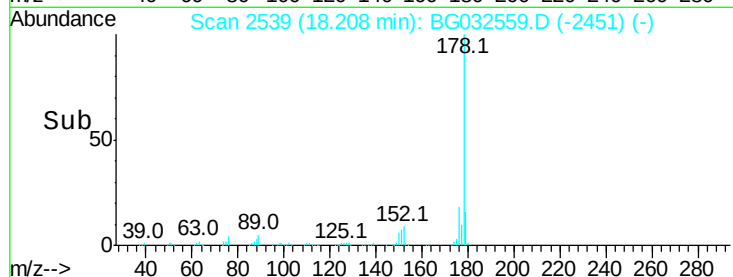
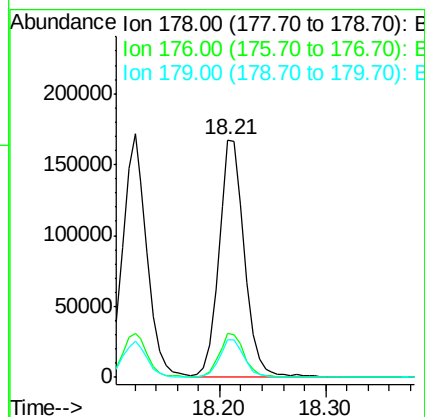
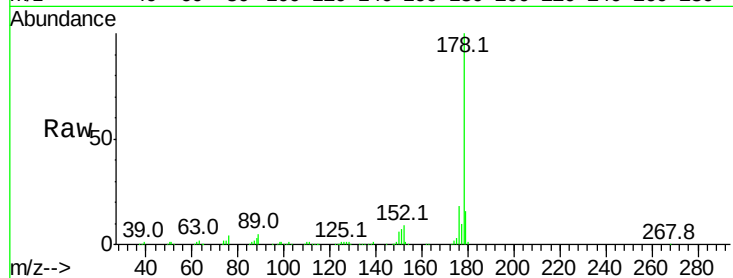




#71
 Anthracene
 Concen: 39.017 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

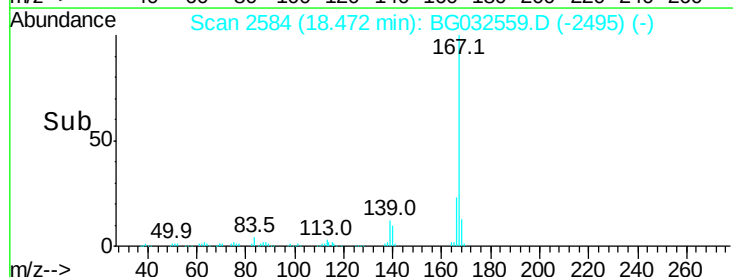
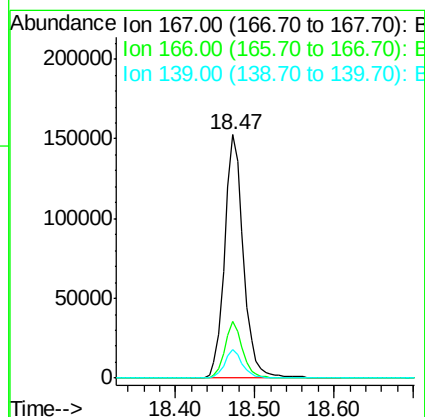
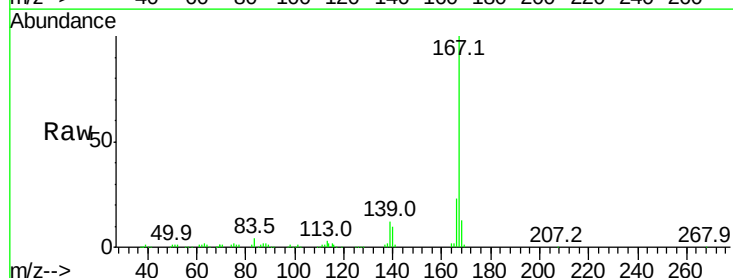
Instrument :
 BNA_G
 ClientSampleId :

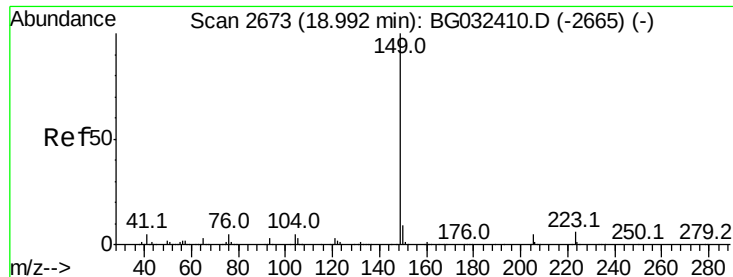
Tot Ion:178 Resp: 279899
 Ion Ratio Lower Upper
 178 100
 176 18.3 16.0 24.0
 179 15.9 12.5 18.7



#72
 Carbazole
 Concen: 39.486 ng
 RT: 18.47 min Scan# 2584
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion:167 Resp: 250280
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.4
 139 11.7 9.4 14.2





#73

Di-n-butylphthalate

Concen: 41.070 ng

RT: 18.98 min Scan# 2670

Delta R.T. -0.01 min

Lab File: BG032559.D

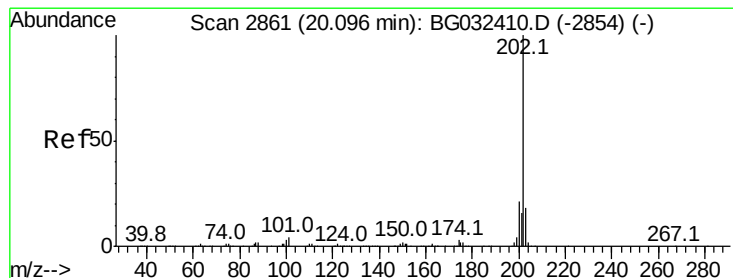
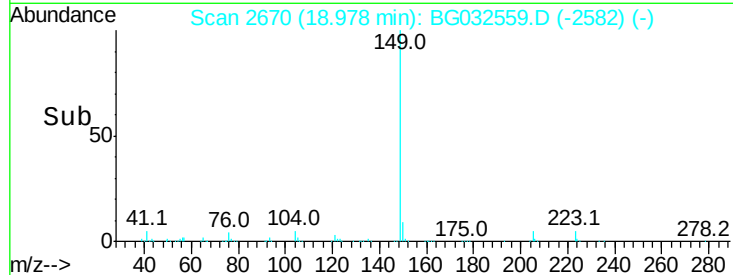
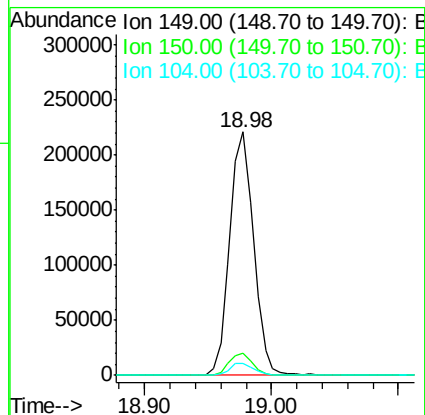
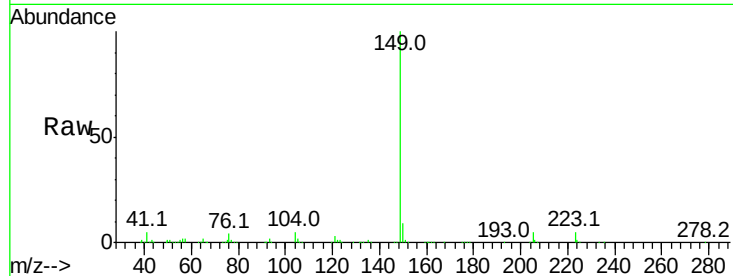
Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampled :

Tot Ion:	149	Resp:	288218
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.9	3.9	5.9



#74

Fluoranthene

Concen: 38.762 ng

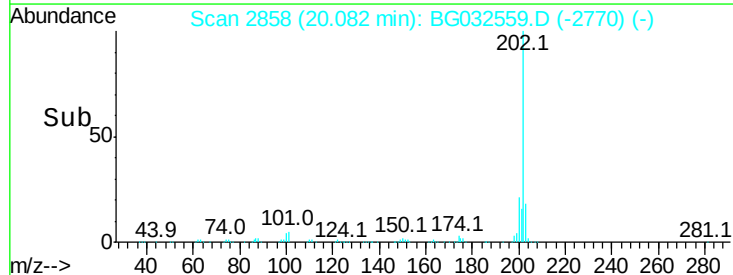
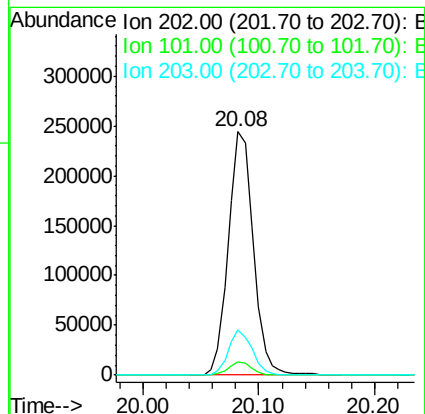
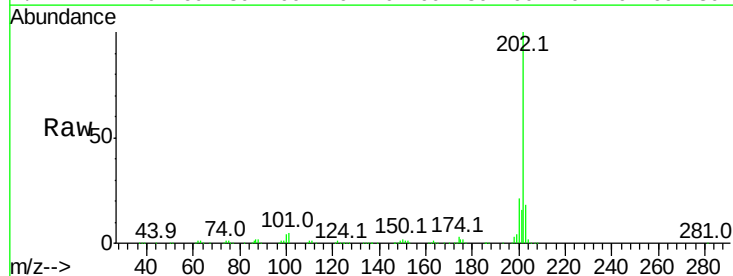
RT: 20.08 min Scan# 2858

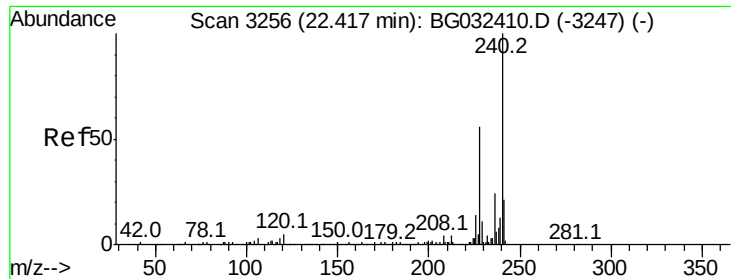
Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Tgt Ion:	202	Resp:	366238
Ion Ratio	Lower	Upper	
202	100		
101	5.3	0.0	28.9
203	18.5	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampleId :

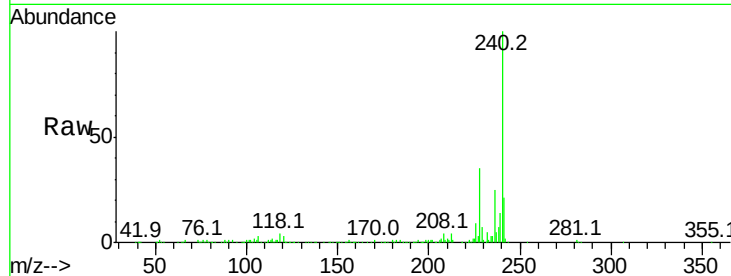
Tot Ion:240 Resp: 216604

Ion Ratio Lower Upper

240 100

120 3.3 6.8 10.2#

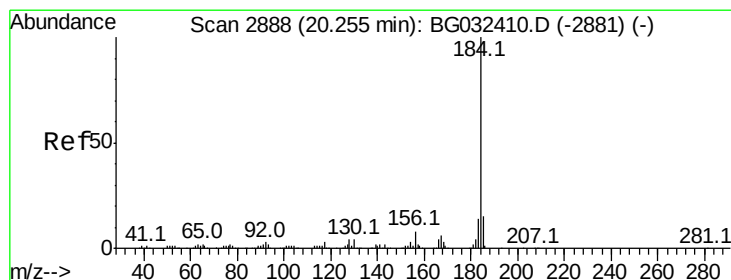
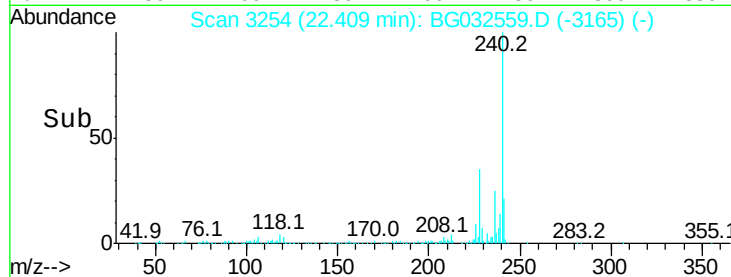
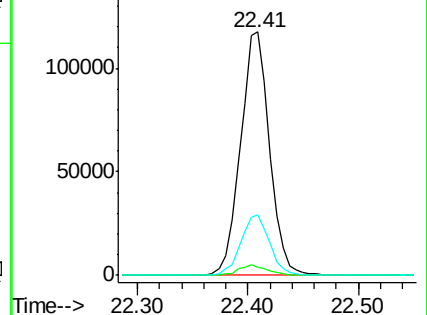
236 25.0 20.9 31.3



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: 22.942 ng

RT: 20.25 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

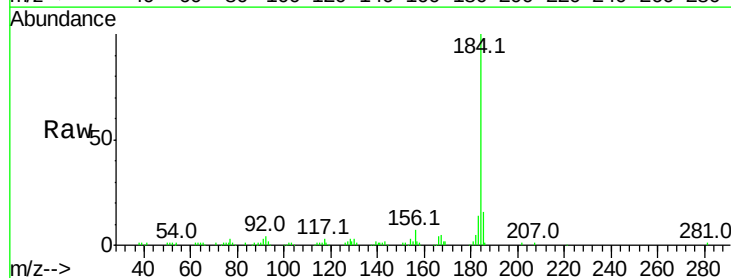
Tgt Ion:184 Resp: 97576

Ion Ratio Lower Upper

184 100

185 16.0 11.1 16.7

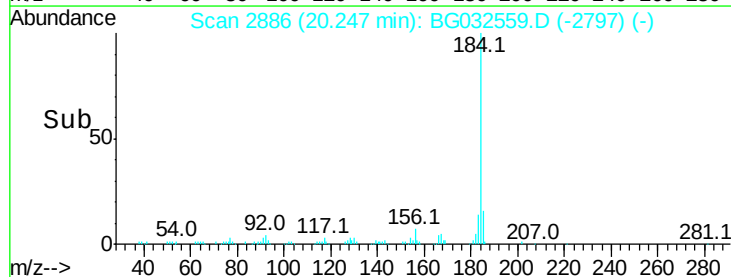
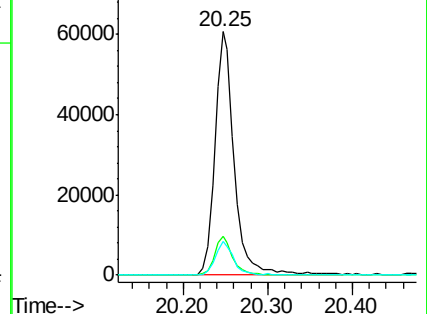
183 13.9 10.6 16.0

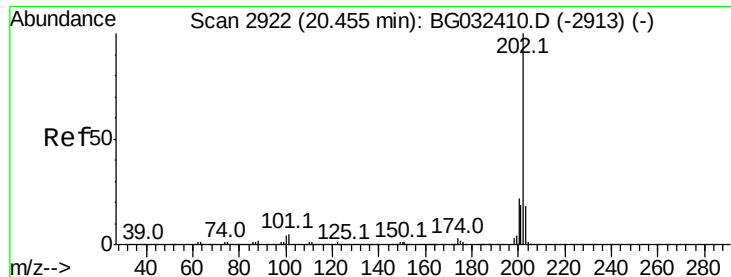


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 28.250 ng

RT: 20.44 min Scan# 2919

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampleId :

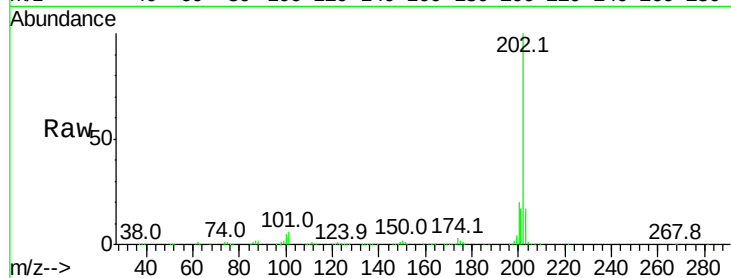
Tot Ion:202 Resp: 375314

Ion Ratio Lower Upper

202 100

200 20.2 16.9 25.3

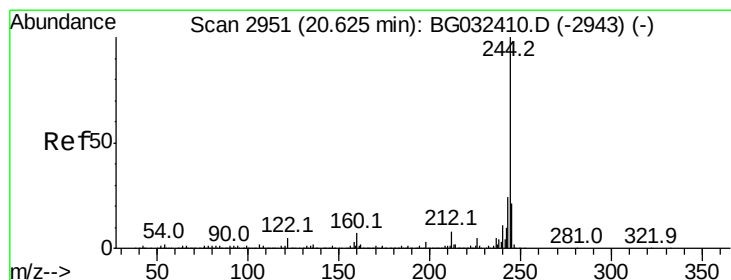
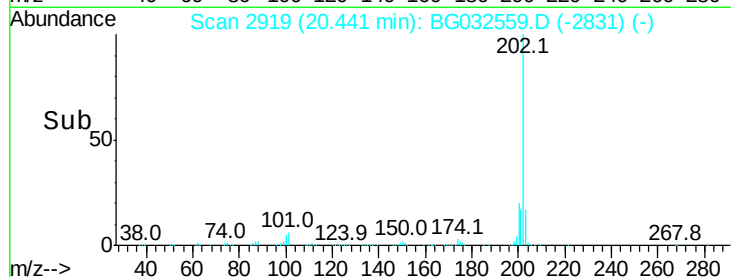
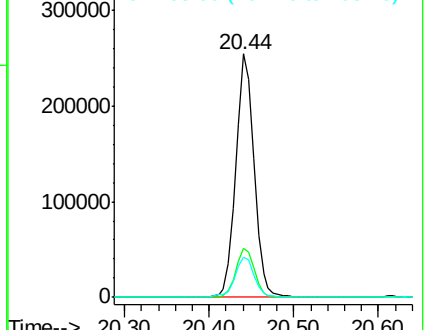
203 16.7 13.9 20.9



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: 65.482 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

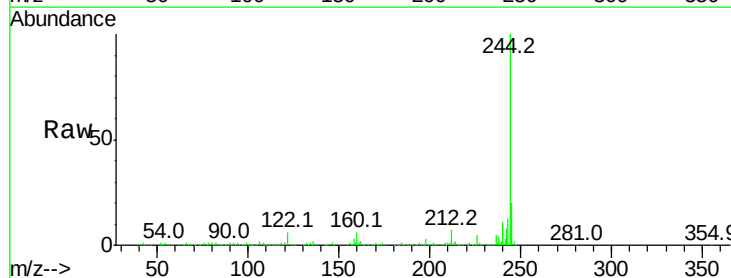
Tgt Ion:244 Resp: 662143

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

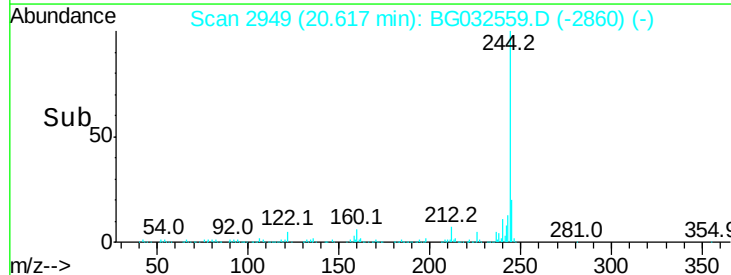
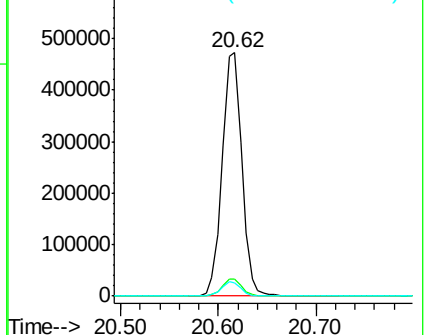
122 5.5 7.0 10.4#

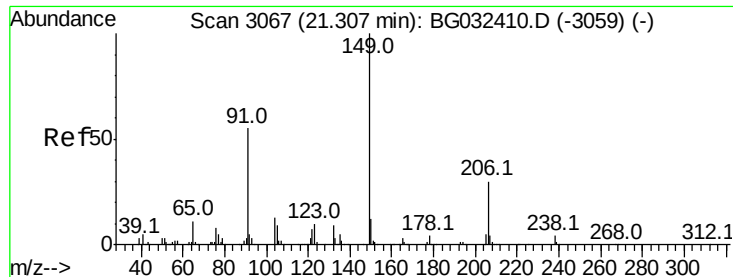


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

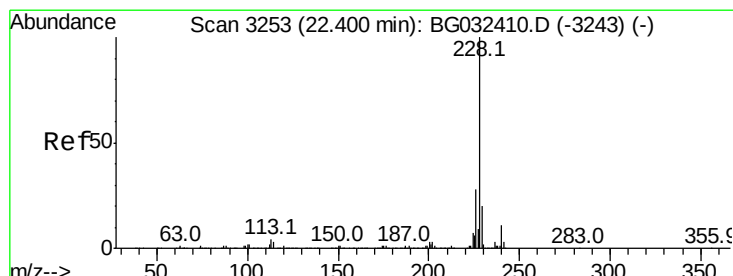
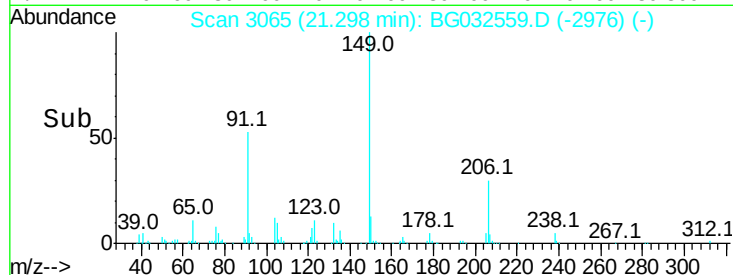
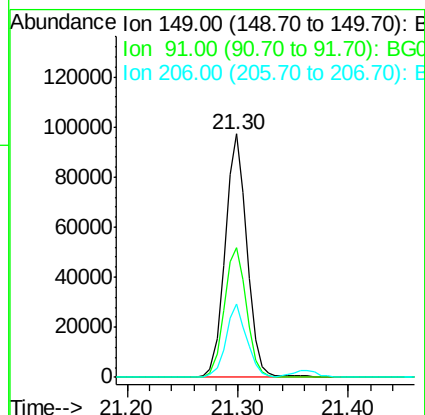
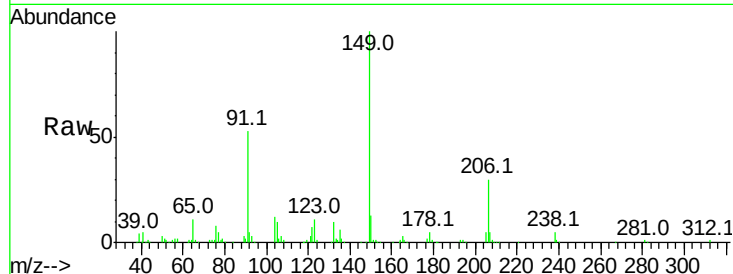




#79
 Butylbenzylphthalate
 Concen: 32.120 ng
 RT: 21.30 min Scan# 3065
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

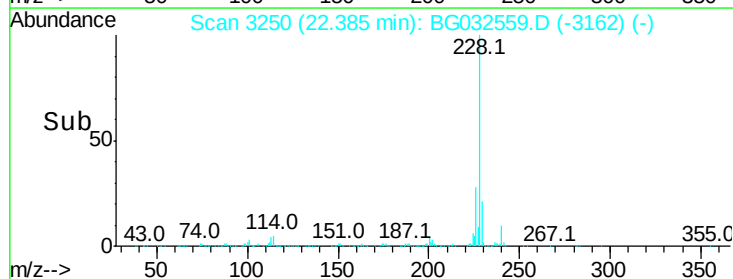
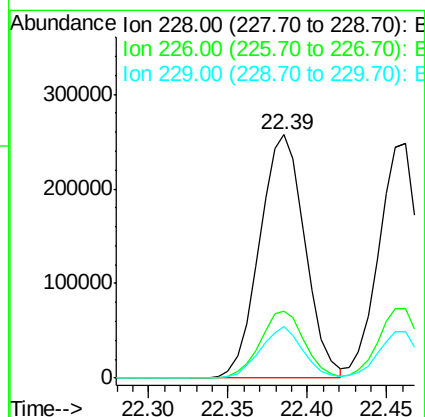
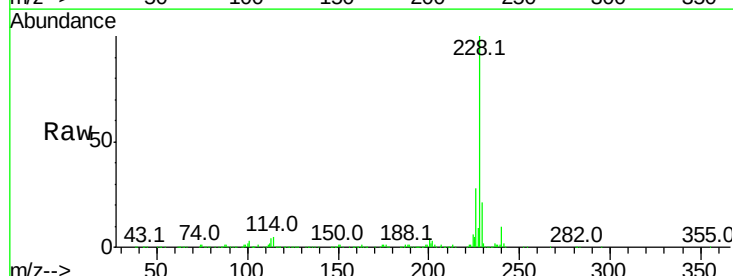
Instrument :
 BNA_G
 ClientSampleID :

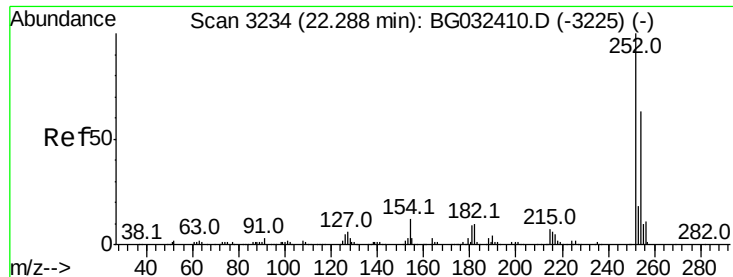
Tot Ion:149 Resp: 134598
 Ion Ratio Lower Upper
 149 100
 91 53.3 62.2 93.2#
 206 30.1 18.6 27.8#



#80
 Benzo(a)anthracene
 Concen: 38.003 ng
 RT: 22.39 min Scan# 3250
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion:228 Resp: 510313
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.7 34.1
 229 21.0 16.2 24.2

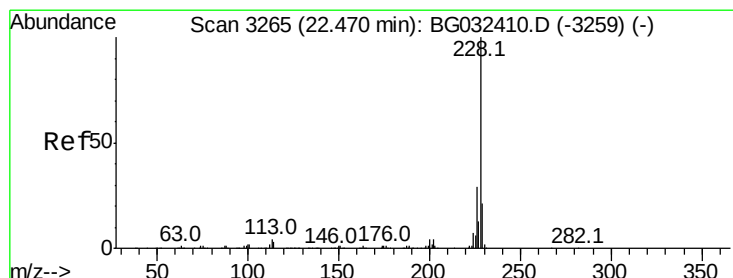
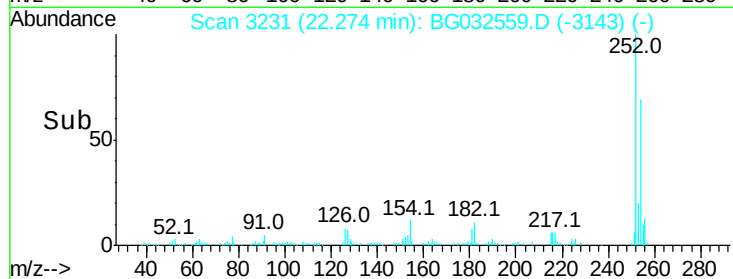
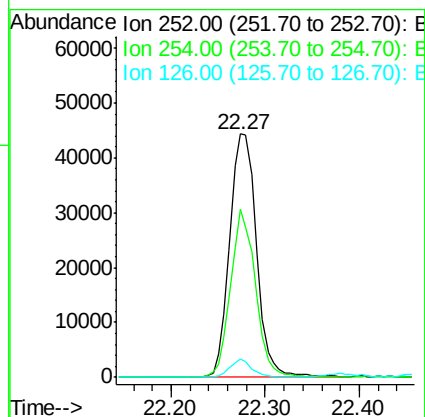
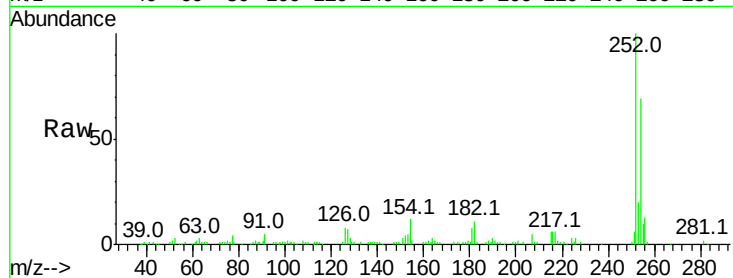




#81
 3,3'-Dichlorobenzidine
 Concen: 16.980 ng
 RT: 22.27 min Scan# 3231
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

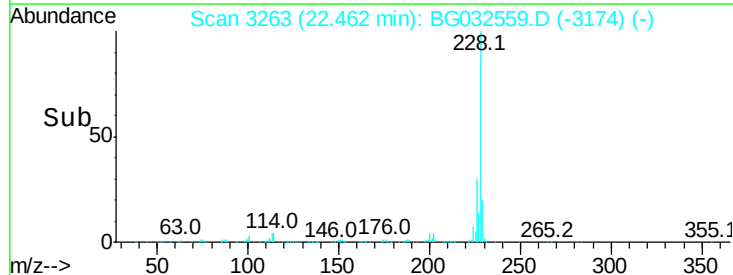
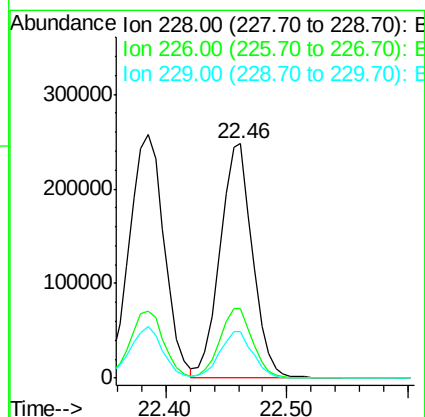
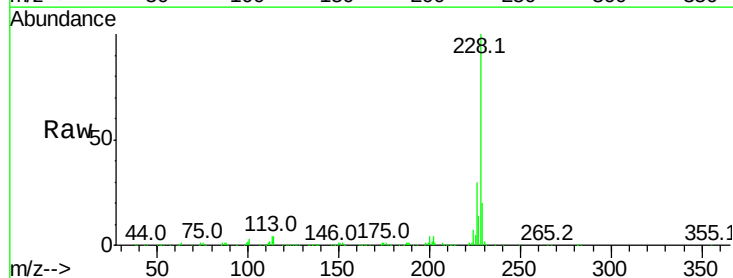
Instrument :
 BNA_G
 ClientSampleId :

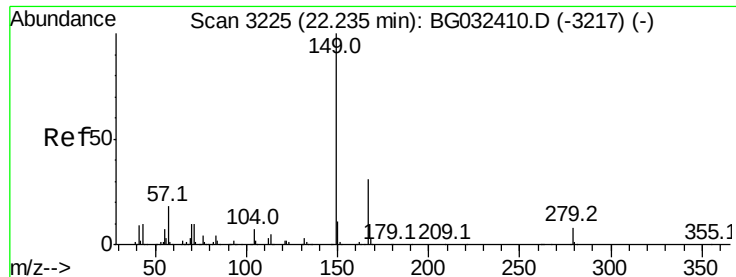
Tot Ion	Ratio	Lower	Upper
252	100		
254	69.1	50.8	76.2
126	7.7	7.4	11.2



#82
 Chrysene
 Concen: 35.369 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	19.8	15.0	22.4

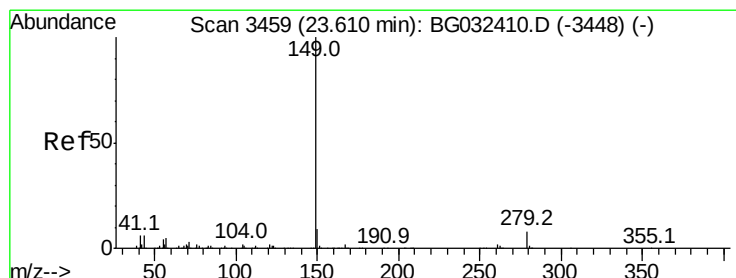
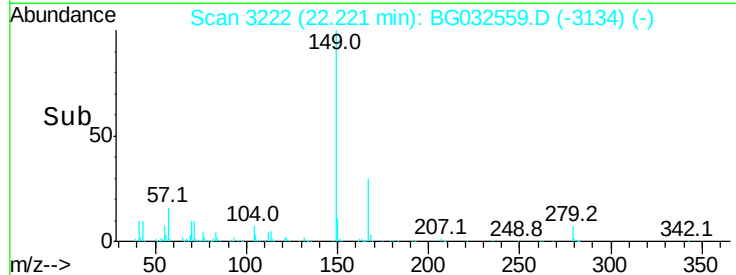
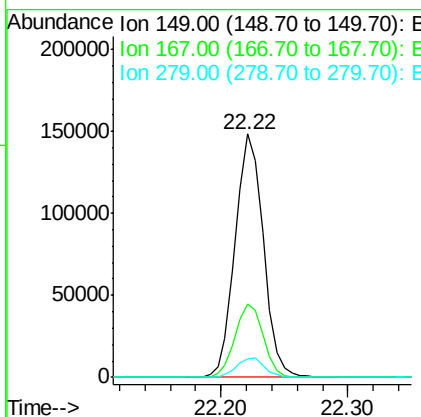
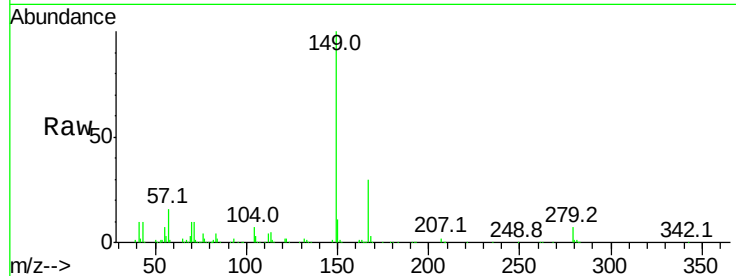




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.471 ng
 RT: 22.22 min Scan# 3222
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

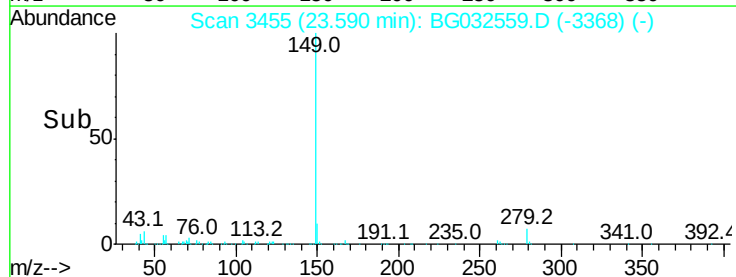
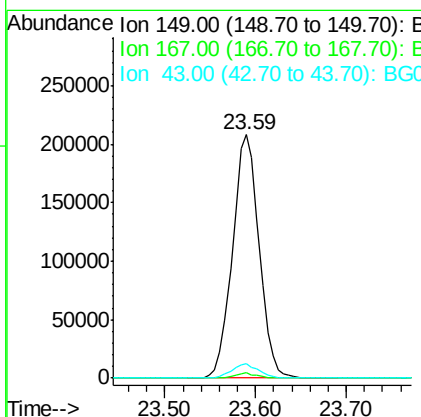
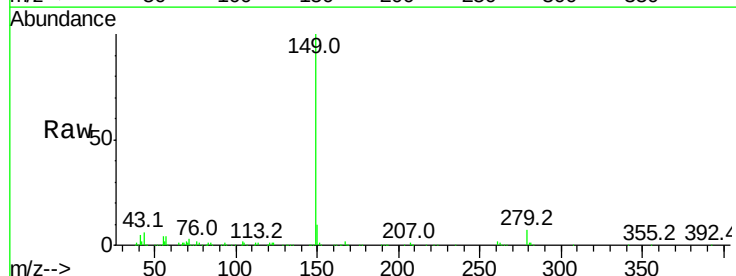
Instrument :
 BNA_G
 ClientSampleId :

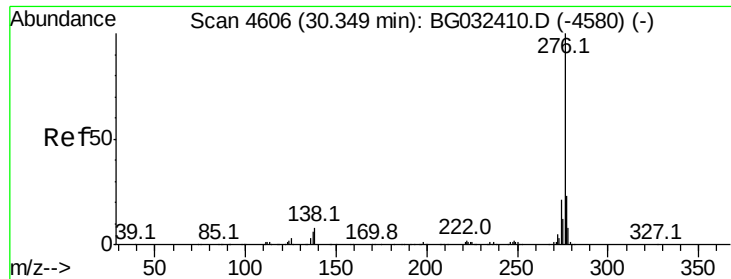
Tot Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.3	36.5
279	7.3	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 45.011 ng
 RT: 23.59 min Scan# 3455
 Delta R.T. -0.02 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	6.1	8.9	13.3

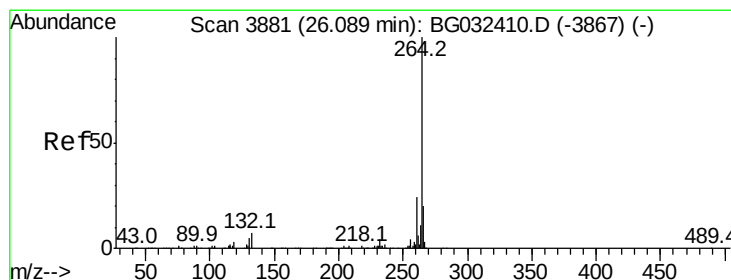
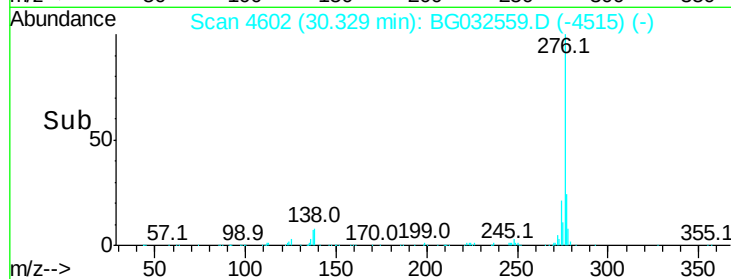
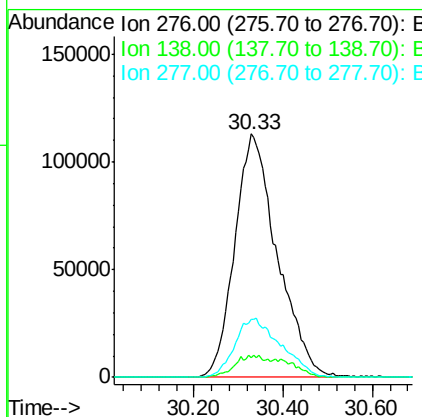
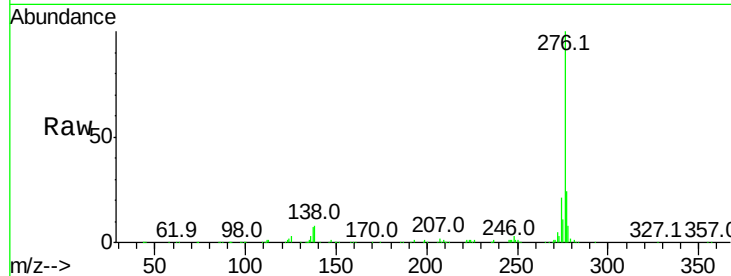




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.475 ng
 RT: 30.33 min Scan# 4602
 Delta R.T. -0.02 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

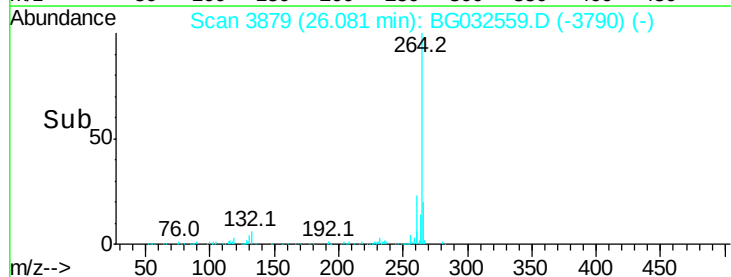
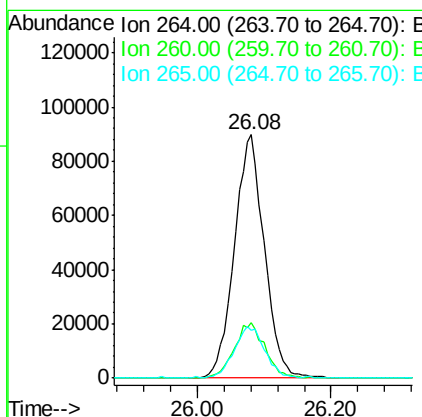
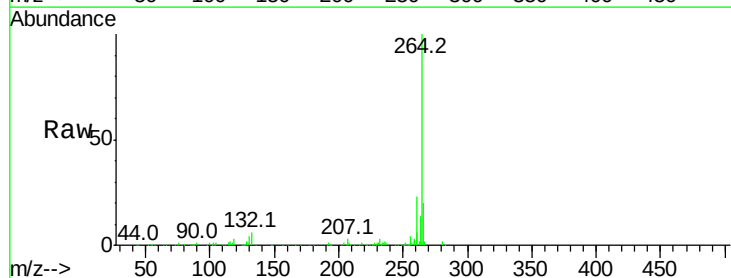
Instrument :
 BNA_G
 ClientSampleID :

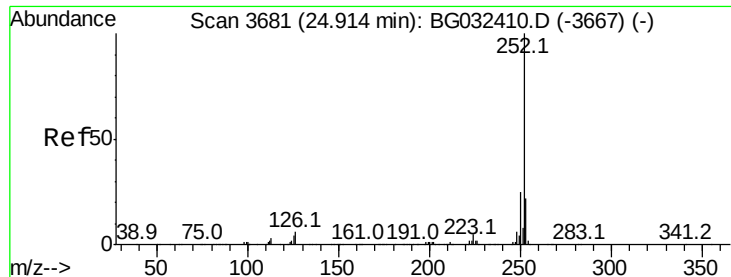
Tot Ion	Ratio	Lower	Upper
276	100		
138	6.0	16.0	24.0#
277	26.5	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3879
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	19.8	17.7	26.5

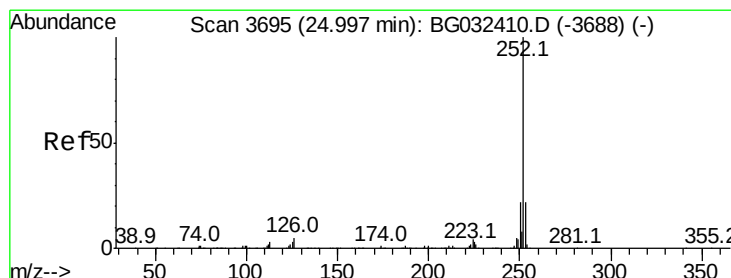
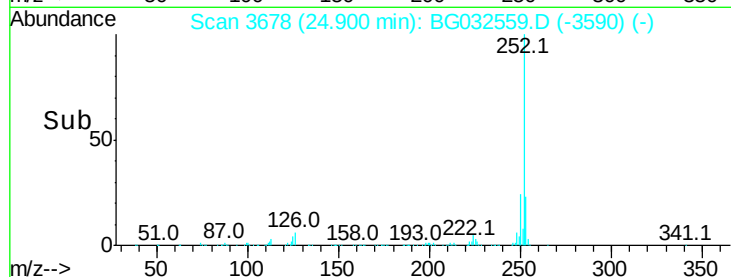
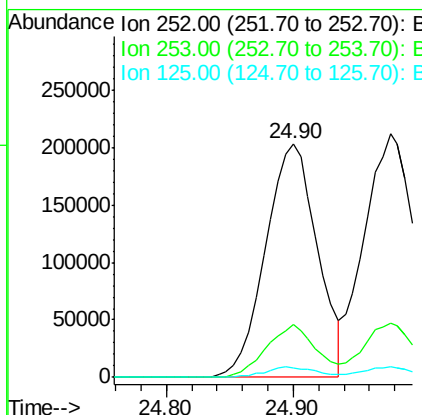
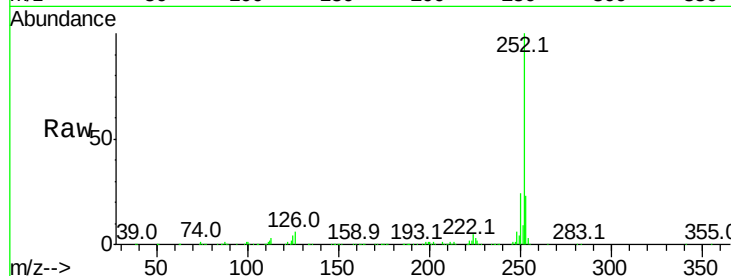




#87
Benzo(b)fluoranthene
Concen: 34.351 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

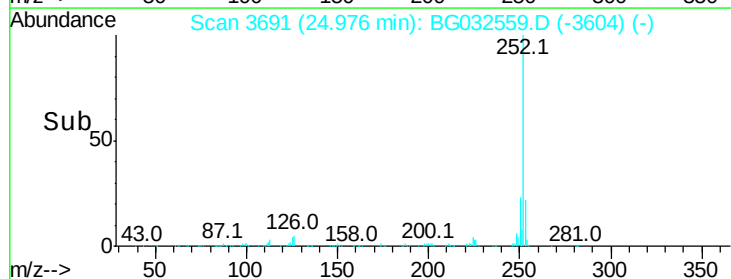
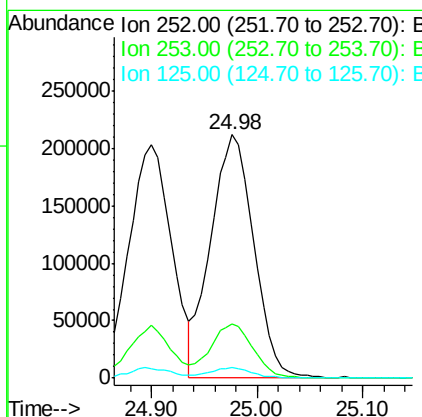
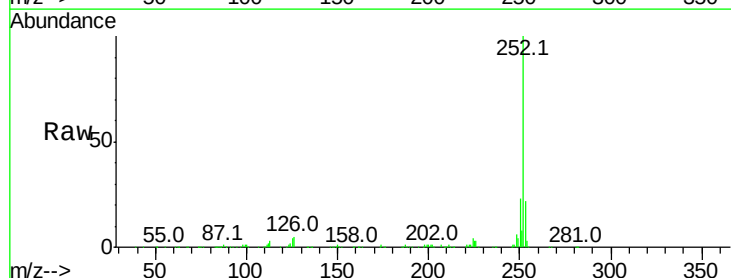
Instrument :
BNA_G
ClientSampleId :

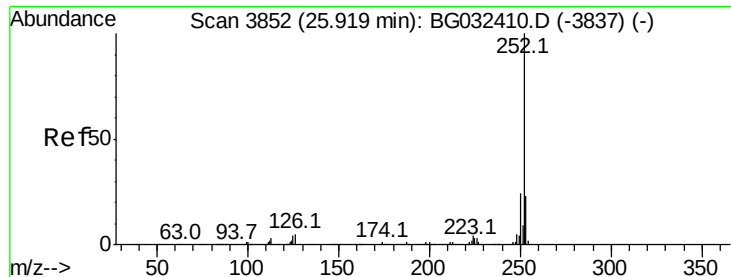
Tot Ion:252 Resp: 576554
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 4.0 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 35.887 ng
RT: 24.98 min Scan# 3691
Delta R.T. -0.02 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion:252 Resp: 596684
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 4.3 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 39.084 ng

RT: 25.90 min Scan# 3849

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampled :

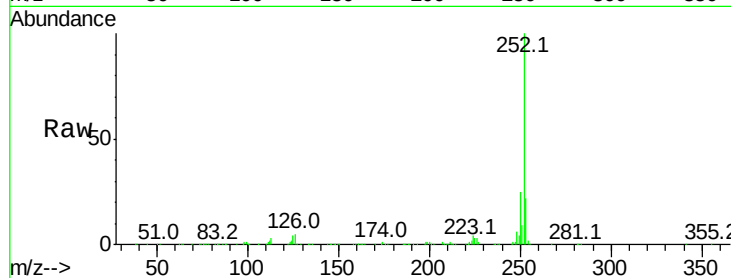
Tot Ion:252 Resp: 625388

Ion Ratio Lower Upper

252 100

253 21.6 18.3 27.5

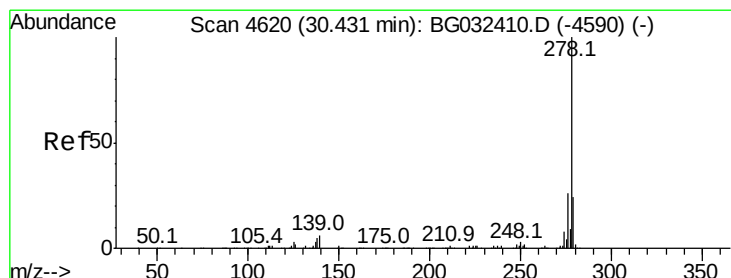
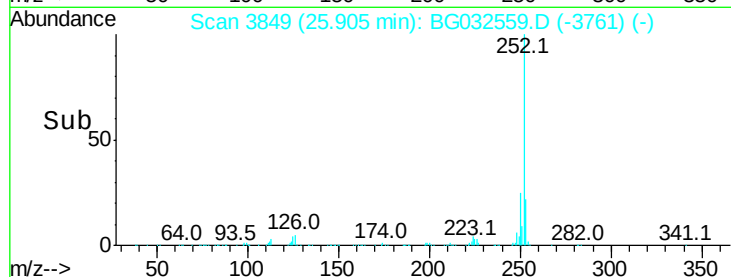
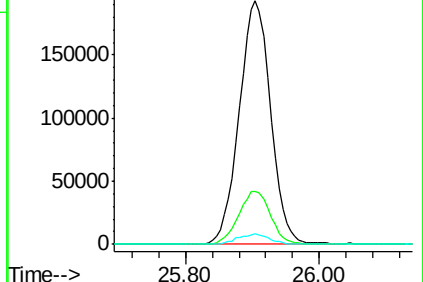
125 4.1 7.3 10.9#



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: 38.118 ng

RT: 30.41 min Scan# 4615

Delta R.T. -0.03 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

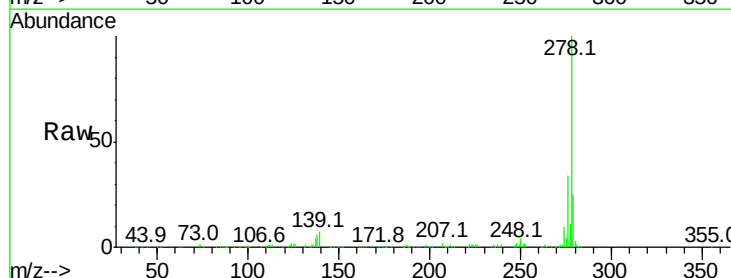
Tgt Ion:278 Resp: 623942

Ion Ratio Lower Upper

278 100

139 6.9 9.8 14.6#

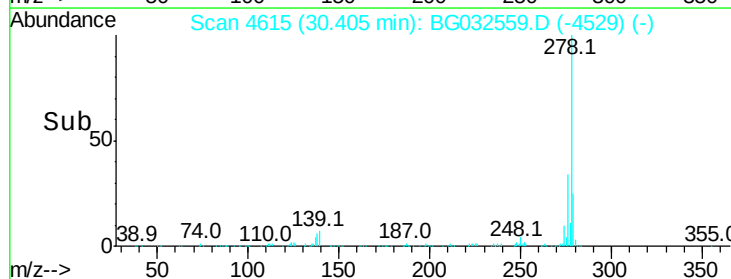
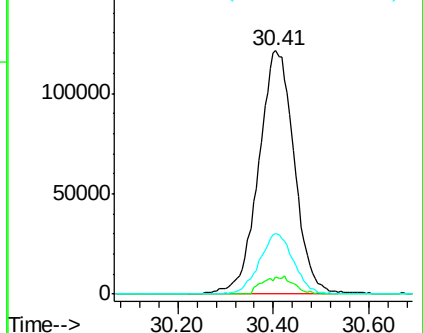
279 25.1 18.4 27.6

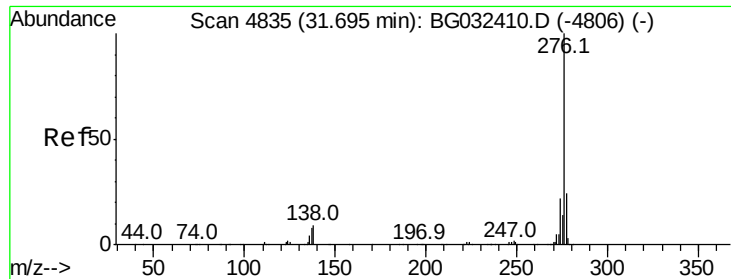


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.453 ng

RT: 31.67 min Scan# 4831

Delta R.T. -0.02 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampleId :

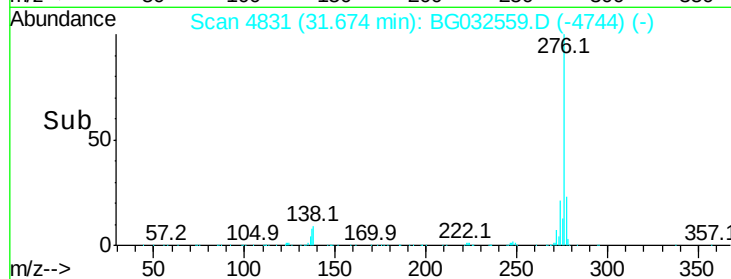
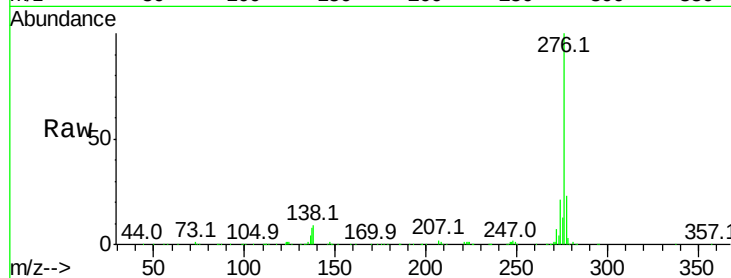
Tot Ion:276 Resp: 641017

Ion Ratio Lower Upper

276 100

277 23.5 18.3 27.5

138 9.4 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

150000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

