

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032518.D
 Acq On : 2 Feb 2018 18:53
 Operator : SJ/JU
 Sample : PB106274BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 02 21:52:43 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	25310	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	101524	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	74486	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	211859	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	273657	20.00	ng	-0.01
86) Perylene-d12	26.08	264	302334	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	161552	128.20	ng	0.00
7) Phenol-d6	7.84	99	200386	119.17	ng	0.00
23) Nitrobenzene-d5	9.91	82	124222	76.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	182630	128.81	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	474888	75.78	ng	-0.02
78) Terphenyl-d14	20.61	244	1059175	82.91	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.80	88	14794	34.894	ng	# 74
3) Pyridine	4.25	79	38981	34.051	ng	86
4) n-Nitrosodimethylamine	4.16	42	24290	40.760	ng	# 68
6) Aniline	8.01	93	42387	20.218	ng	91
8) 2-Chlorophenol	8.26	128	65453	43.942	ng	# 79
9) Benzaldehyde	7.81	77	17769	20.460	ng	# 81
10) Phenol	7.86	94	69044	43.238	ng	91
11) bis(2-Chloroethyl)ether	8.10	93	41933	34.464	ng	87
12) 1,3-Dichlorobenzene	8.59	146	73096	36.287	ng	96
13) 1,4-Dichlorobenzene	8.75	146	75742	37.515	ng	96
14) 1,2-Dichlorobenzene	9.08	146	74772	37.805	ng	94
15) Benzyl Alcohol	8.95	79	50624	36.530	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.23	45	41814	36.268	ng	60
17) 2-Methylphenol	9.15	107	48337	37.270	ng	96
18) Hexachloroethane	9.83	117	25151	37.103	ng	# 80
19) n-Nitroso-di-n-propylamine	9.52	70	39829	35.724	ng	# 85
20) 3+4-Methylphenols	9.49	107	69342	38.117	ng	93
22) Acetophenone	9.55	105	87782	36.886	ng	# 92
24) Nitrobenzene	9.95	77	62642	39.855	ng	92
25) Isophorone	10.47	82	111618	40.330	ng	# 87
26) 2-Nitrophenol	10.68	139	39749	41.836	ng	# 85
27) 2,4-Dimethylphenol	10.72	122	63659	46.681	ng	89
28) bis(2-Chloroethoxy)methane	10.96	93	63191	41.637	ng	# 91
29) 2,4-Dichlorophenol	11.23	162	79093	43.781	ng	90
30) 1,2,4-Trichlorobenzene	11.44	180	90058	37.403	ng	94
31) Naphthalene	11.64	128	191826	38.686	ng	100
32) Benzoic acid	10.83	122	2163	9.087	ng	# 60
33) 4-Chloroaniline	11.74	127	43236	19.550	ng	# 90
34) Hexachlorobutadiene	11.91	225	67690	36.134	ng	95
35) Caprolactam	12.49	113	21892	42.213	ng	# 44
36) 4-Chloro-3-methylphenol	12.82	107	73923	43.139	ng	# 90
37) 2-Methylnaphthalene	13.21	142	161167	38.689	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	131119	37.627	ng	95
40) Hexachlorocyclopentadiene	13.53	237	170701	78.402	ng	90

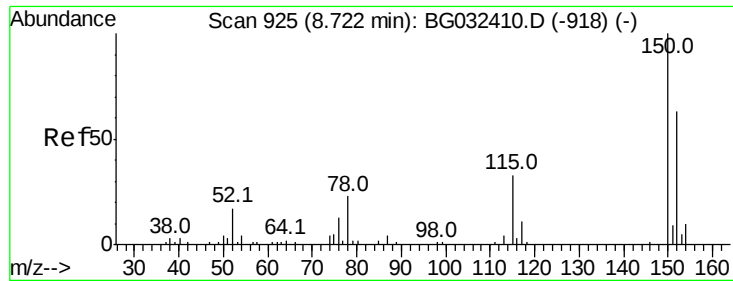
Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
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Quant Time: Feb 02 21:52:43 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	80125	42.272	nq	94
43) 2,4,5-Trichlorophenol	13.87	196	90037	40.748	nq #	92
45) 1,1'-Biphenyl	14.18	154	237028	37.665	nq	95
46) 2-Chloronaphthalene	14.24	162	184862	37.480	nq	99
47) 2-Nitroaniline	14.43	65	45176	41.418	nq #	78
48) Acenaphthylene	15.07	152	284796	38.195	nq	99
49) Dimethylphthalate	14.77	163	263850	38.418	nq	98
50) 2,6-Dinitrotoluene	14.90	165	59192	41.063	nq #	76
51) Acenaphthene	15.41	154	186258	36.018	nq	99
52) 3-Nitroaniline	15.24	138	34617	27.494	nq #	71
53) 2,4-Dinitrophenol	15.44	184	9194	13.798	nq #	85
54) Dibenzofuran	15.74	168	310019	40.504	nq	98
55) 4-Nitrophenol	15.54	139	69604	73.841	nq #	76
56) 2,4-Dinitrotoluene	15.68	165	86806	42.295	nq #	69
57) Fluorene	16.38	166	251516	39.545	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.96	232	97040	44.529	nq #	85
59) Diethylphthalate	16.12	149	266890	39.900	nq	97
60) 4-Chlorophenyl-phenylether	16.36	204	160873	40.111	nq	95
61) 4-Nitroaniline	16.40	138	53807	39.871	nq #	77
62) Azobenzene	16.65	77	163539	40.911	nq	88
64) 4,6-Dinitro-2-methylphenol	16.44	198	16732	10.572	nq #	70
65) n-Nitrosodiphenylamine	16.57	169	240299	38.006	nq	98
66) 4-Bromophenyl-phenylether	17.25	248	117625	37.476	nq	96
67) Hexachlorobenzene	17.38	284	128612	37.028	nq #	91
68) Atrazine	17.50	200	117634	43.341	nq	95
69) Pentachlorophenol	17.72	266	101969	46.863	nq	97
70) Phenanthrene	18.12	178	455839	38.582	nq	99
71) Anthracene	18.21	178	467610	39.749	nq	99
72) Carbazole	18.48	167	407934	39.246	nq	98
73) Di-n-butylphthalate	18.98	149	466834	40.566	nq	100
74) Fluoranthene	20.09	202	629289	40.615	nq	95
76) Benzidine	20.25	184	222631	41.431	nq	100
77) Pyrene	20.44	202	636013	37.893	nq	99
79) Butylbenzylphthalate	21.30	149	216830	40.956	nq #	77
80) Benzo(a)anthracene	22.39	228	684928	40.372	nq	98
81) 3,3'-Dichlorobenzidine	22.28	252	159952	24.335	nq #	97
82) Chrysene	22.46	228	641936	39.181	nq	97
83) Bis(2-ethylhexyl)phthalate	22.22	149	307083	40.908	nq #	98
84) Di-n-octyl phthalate	23.59	149	531096	44.606	nq #	88
85) Indeno(1,2,3-cd)pyrene	30.35	276	875797	42.255	nq #	84
87) Benzo(b)fluoranthene	24.90	252	741024	40.565	nq #	95
88) Benzo(k)fluoranthene	24.99	252	714805	39.500	nq #	96
89) Benzo(a)pyrene	25.91	252	718655	41.265	nq #	95
90) Dibenzo(a,h)anthracene	30.41	278	728383	40.884	nq #	95
91) Benzo(g,h,i)perylene	31.68	276	721691	40.811	nq #	91

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

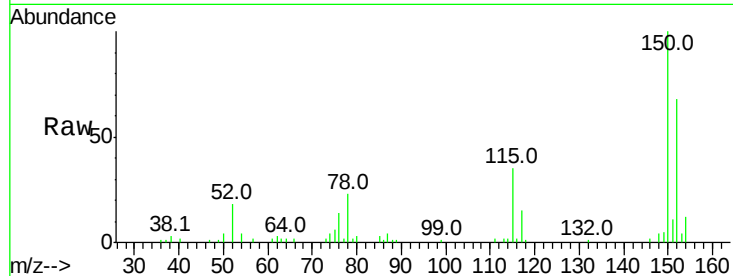


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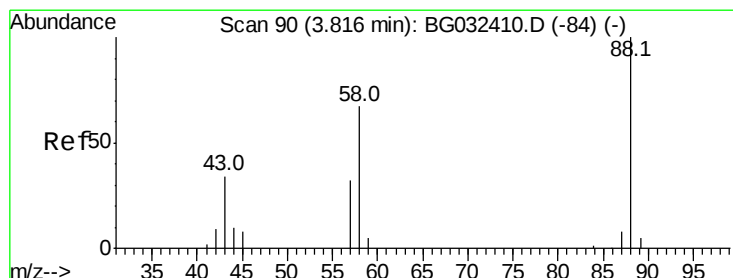
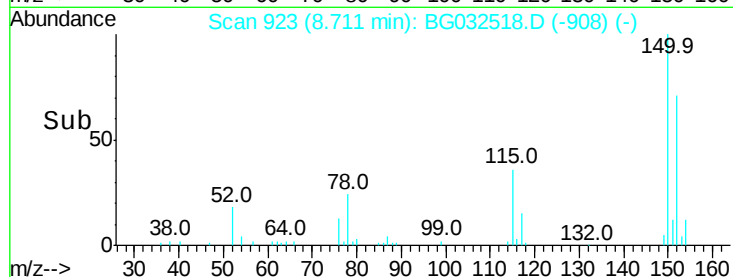
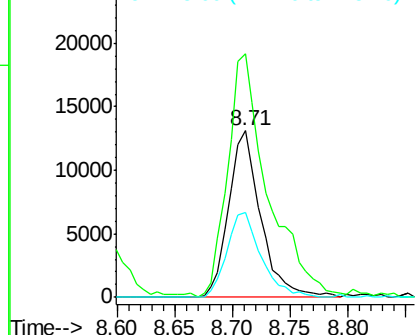
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 25310
Ion Ratio Lower Upper
152 100
150 146.4 126.6 189.8
115 51.3 53.0 79.4#



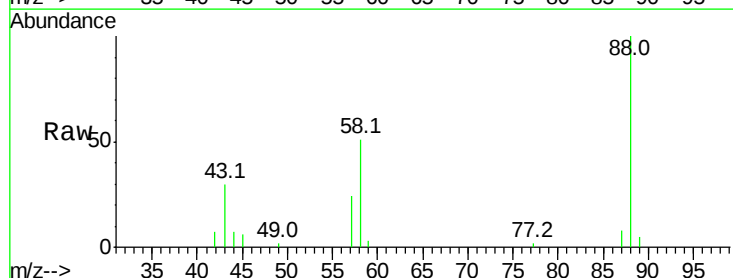
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



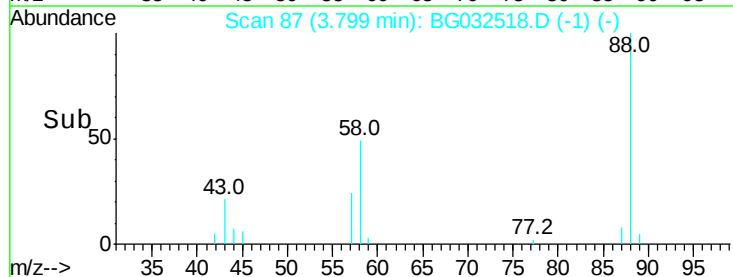
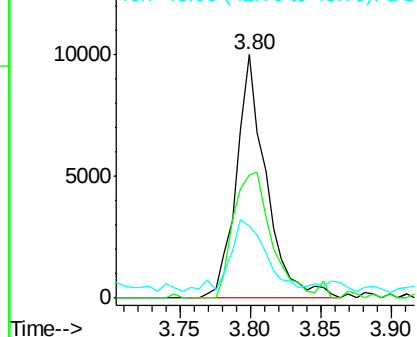
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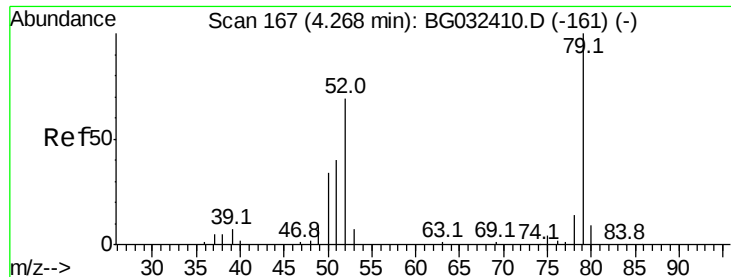
1,4-Dioxane
Concen: 34.894 ng
RT: 3.80 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion: 88 Resp: 14794
Ion Ratio Lower Upper
88 100
58 65.9 79.6 119.4#
43 35.2 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.051 ng

RT: 4.25 min Scan# 164

Delta R.T. -0.02 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

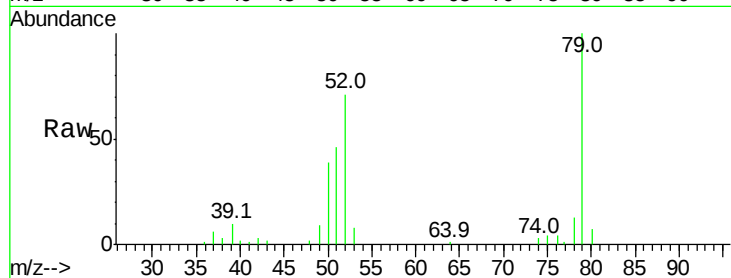
Tot Ion: 79 Resp: 38981

Ion Ratio Lower Upper

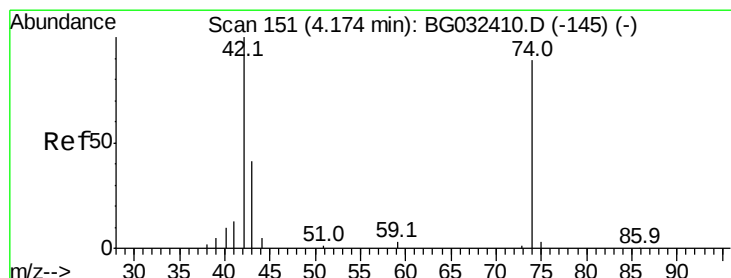
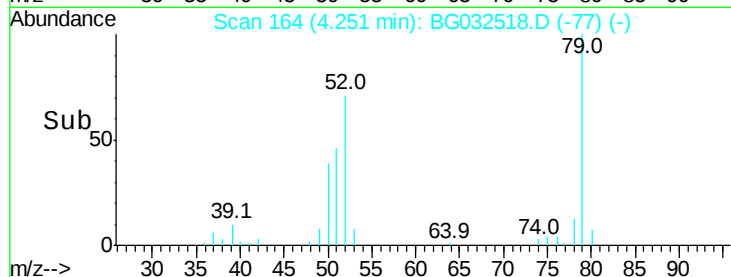
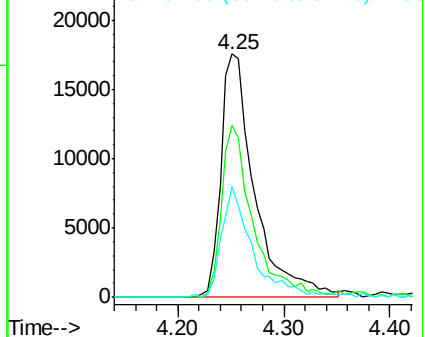
79 100

52 70.8 69.9 104.9

51 45.5 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 40.760 ng

RT: 4.16 min Scan# 149

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

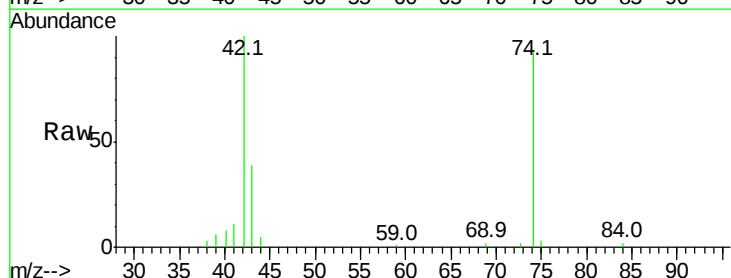
Tgt Ion: 42 Resp: 24290

Ion Ratio Lower Upper

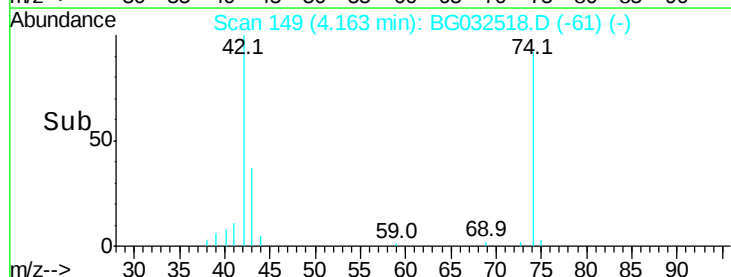
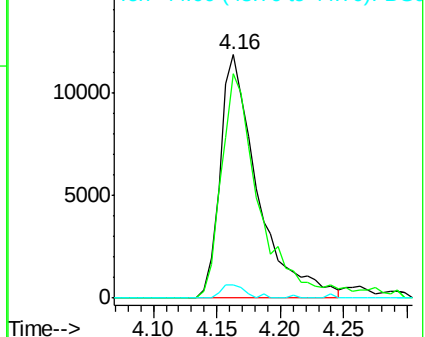
42 100

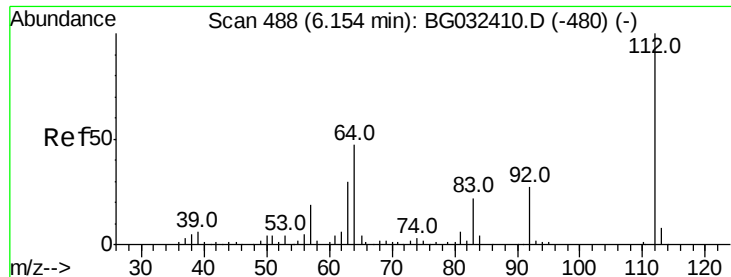
74 92.0 102.5 153.7#

44 5.4 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 128.205 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

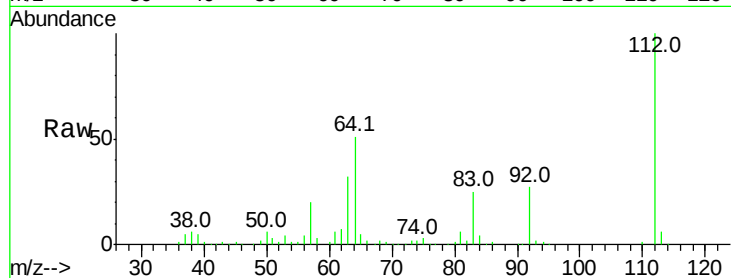
Tot Ion:112 Resp: 161552

Ion Ratio Lower Upper

112 100

64 51.1 56.3 84.5#

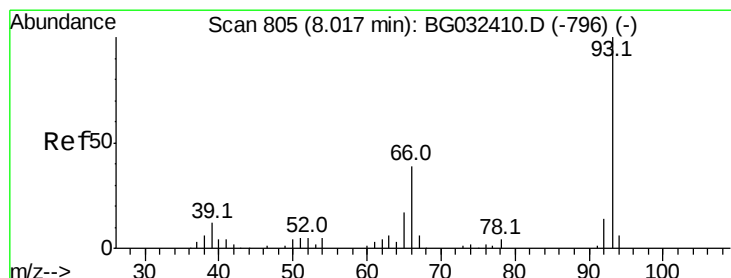
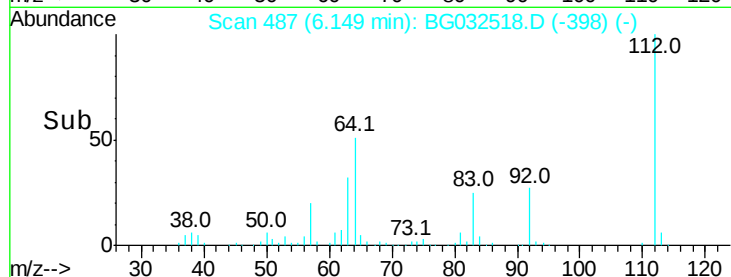
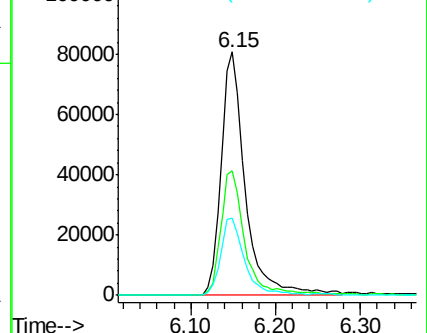
63 31.7 30.1 45.1



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: 20.218 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

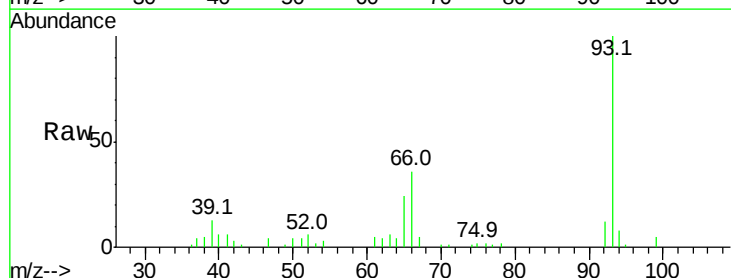
Tgt Ion: 93 Resp: 42387

Ion Ratio Lower Upper

93 100

66 35.9 33.7 50.5

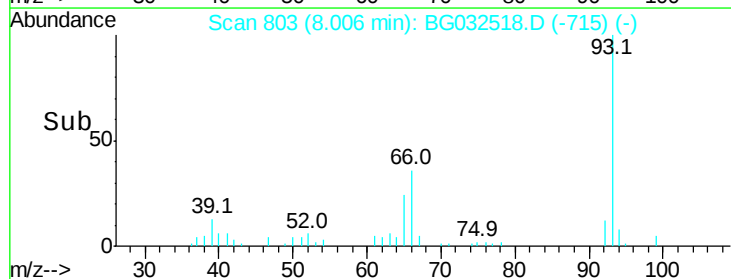
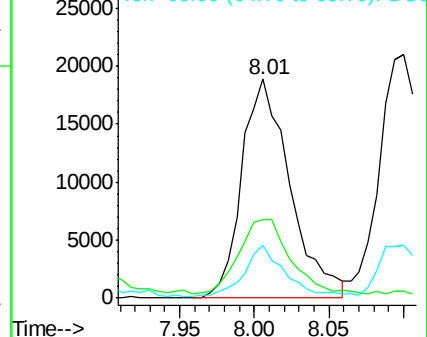
65 23.9 16.1 24.1

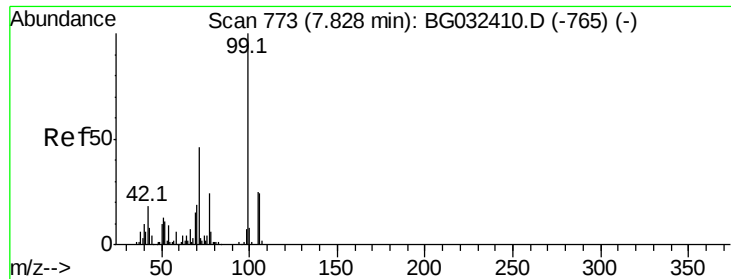


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.170 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

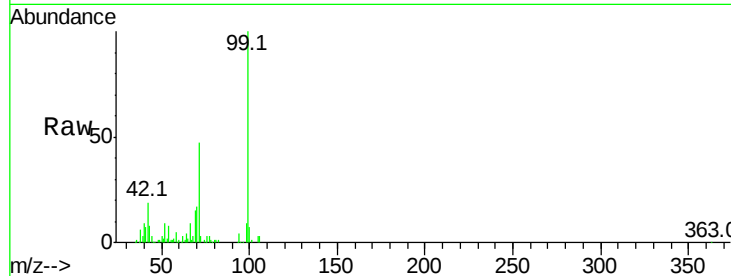
Tot Ion: 99 Resp: 200386

Ion Ratio Lower Upper

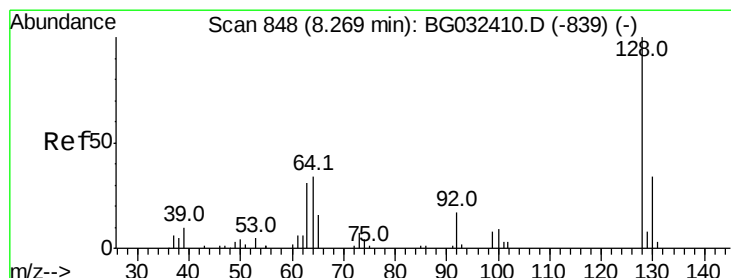
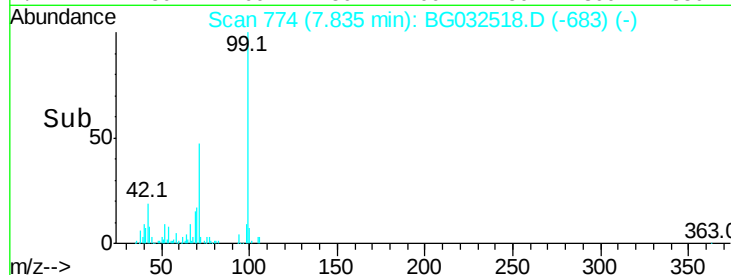
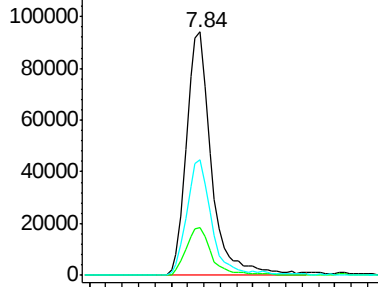
99 100

42 19.4 14.1 21.1

71 47.3 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: 43.942 ng

RT: 8.26 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

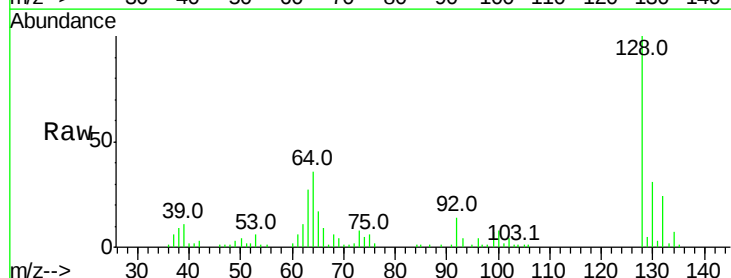
Tgt Ion:128 Resp: 65453

Ion Ratio Lower Upper

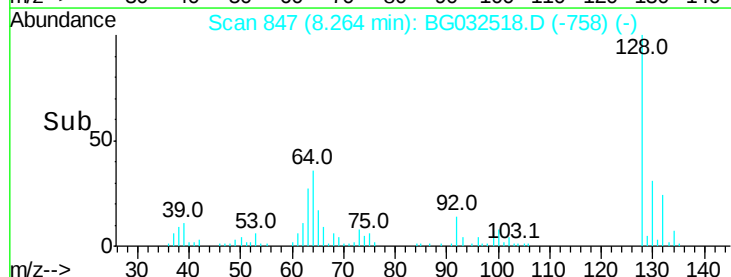
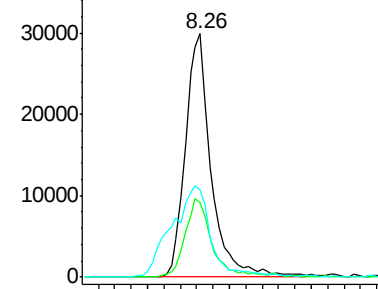
128 100

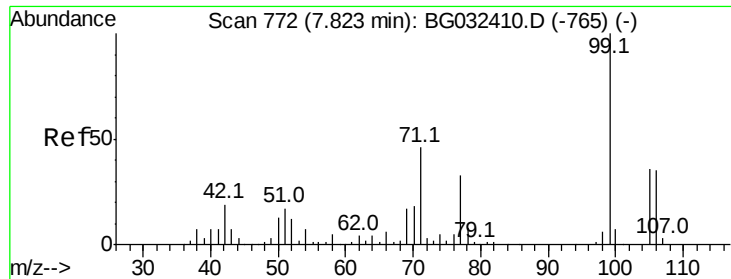
130 30.6 14.0 54.0

64 36.1 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: 20.460 ng

RT: 7.81 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampled :

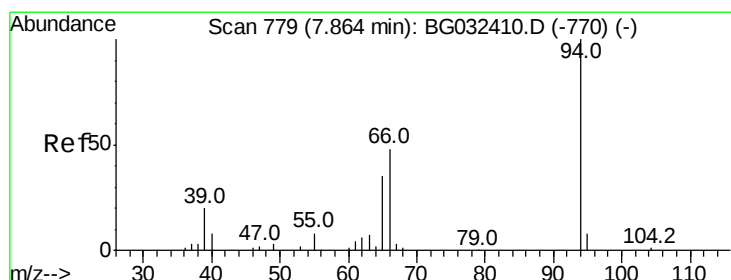
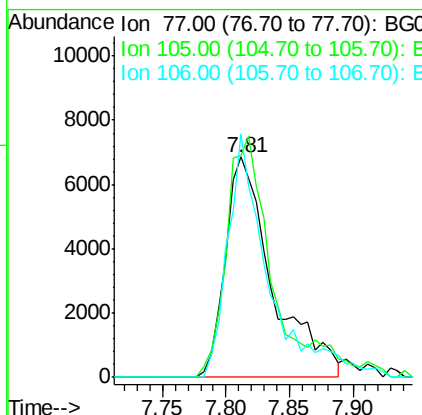
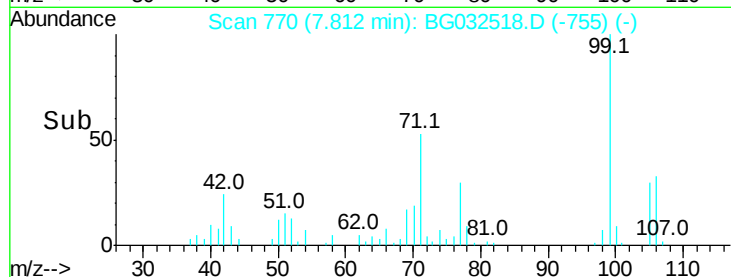
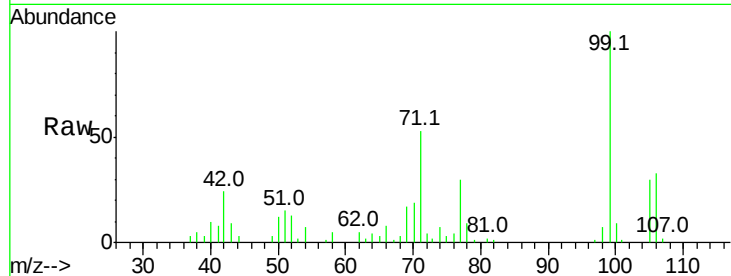
Tot Ion: 77 Resp: 17769

Ion Ratio Lower Upper

77 100

105 100.7 71.3 111.3

106 110.4 64.2 104.2#



#10

Phenol

Concen: 43.238 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

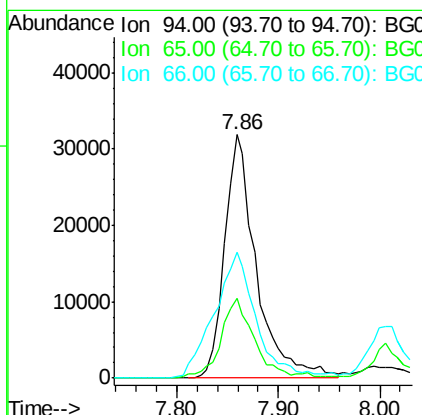
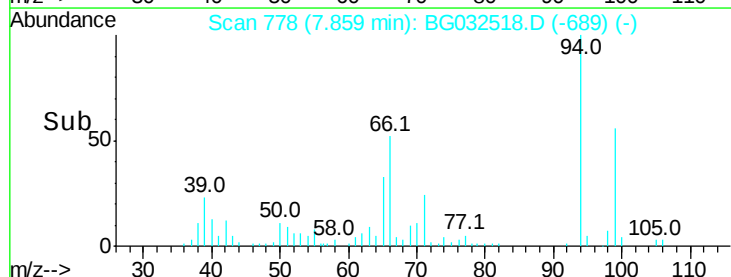
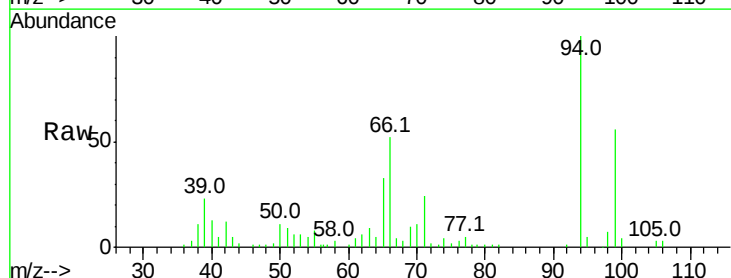
Tgt Ion: 94 Resp: 69044

Ion Ratio Lower Upper

94 100

65 33.0 11.9 51.9

66 51.5 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 34.464 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

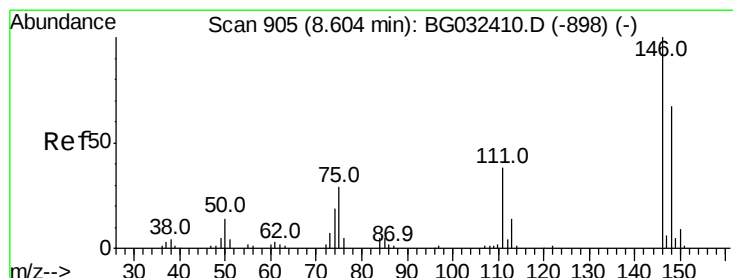
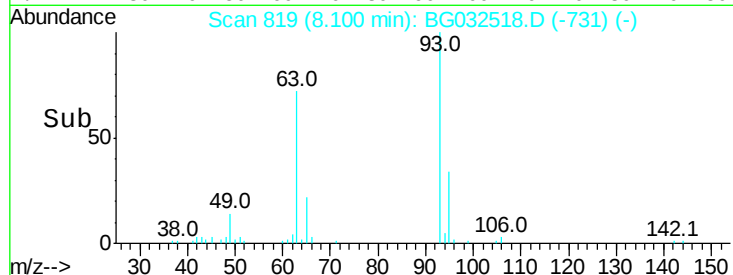
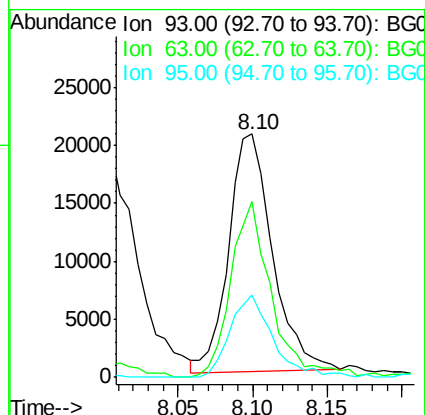
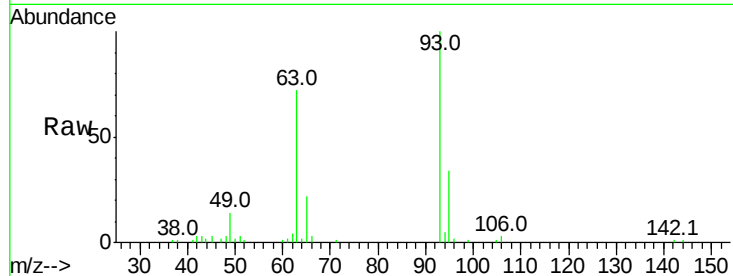
Tot Ion: 93 Resp: 41933

Ion Ratio Lower Upper

93 100

63 72.3 67.1 107.1

95 33.9 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 36.287 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

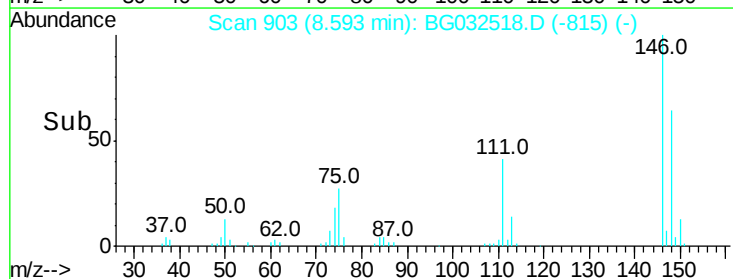
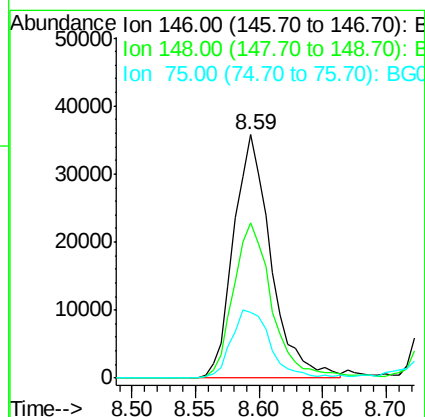
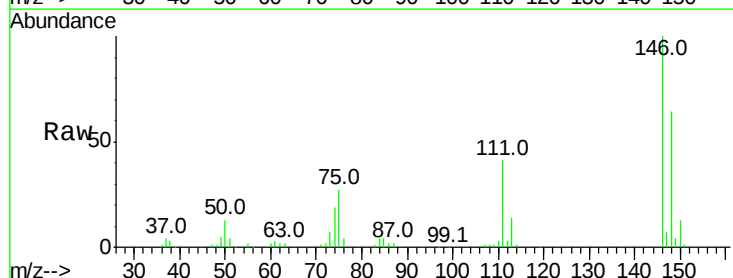
Tgt Ion: 146 Resp: 73096

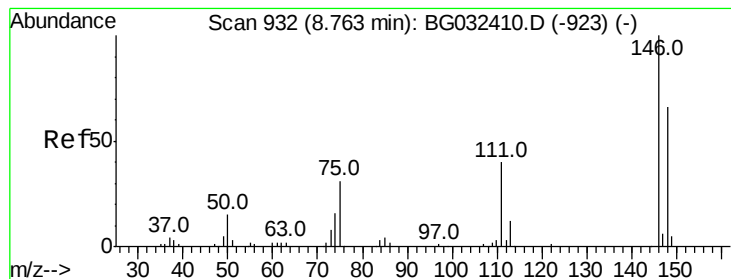
Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.2

75 26.8 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 37.515 ng

RT: 8.75 min Scan# 929

Delta R.T. -0.02 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampled :

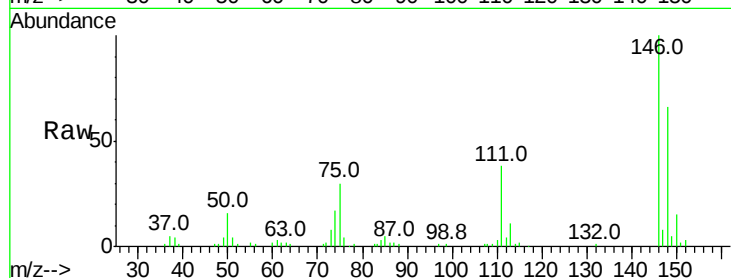
Tot Ion:146 Resp: 75742

Ion Ratio Lower Upper

146 100

148 66.3 53.7 80.5

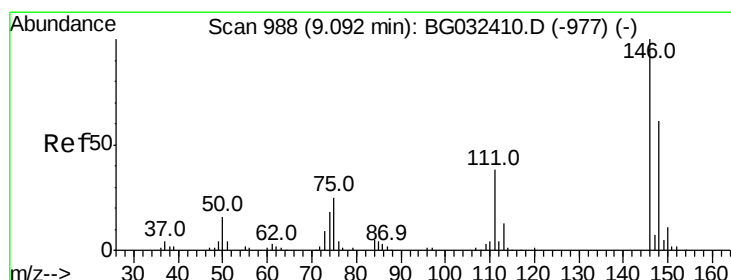
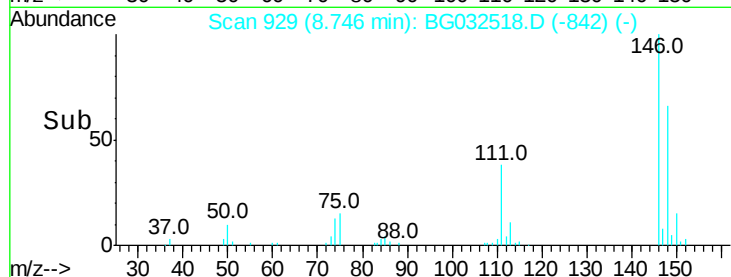
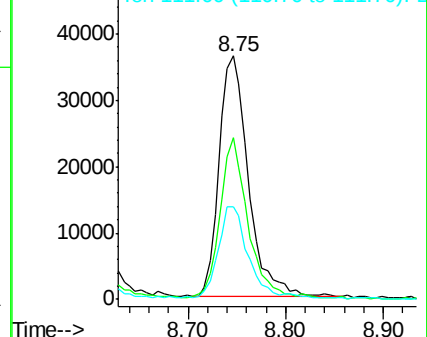
111 38.2 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.805 ng

RT: 9.08 min Scan# 985

Delta R.T. -0.02 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

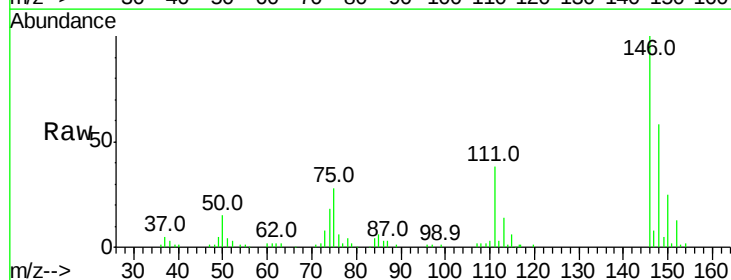
Tgt Ion:146 Resp: 74772

Ion Ratio Lower Upper

146 100

148 58.1 49.3 73.9

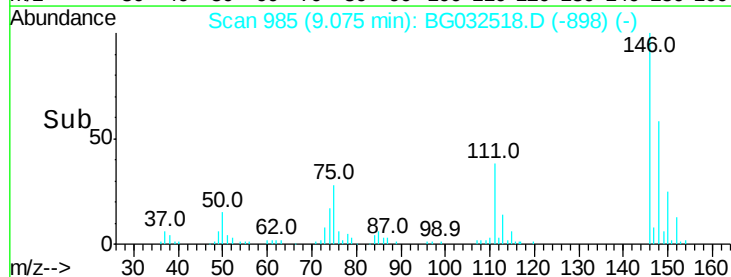
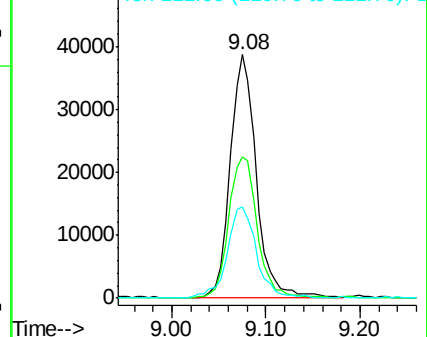
111 37.8 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.530 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

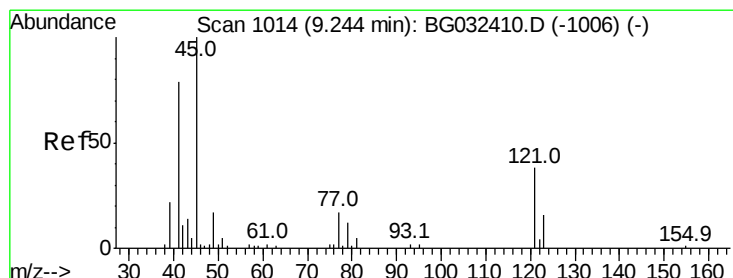
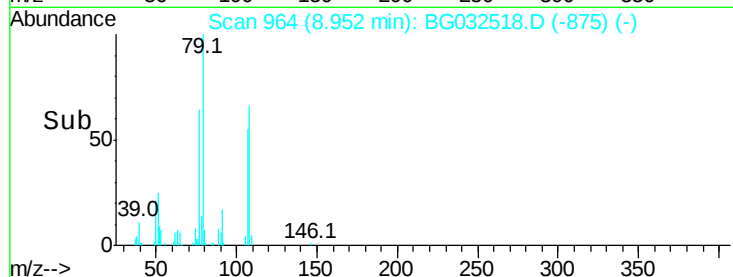
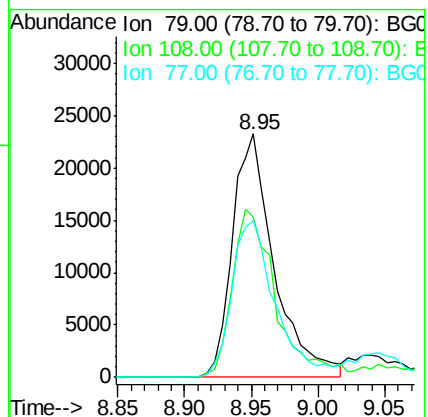
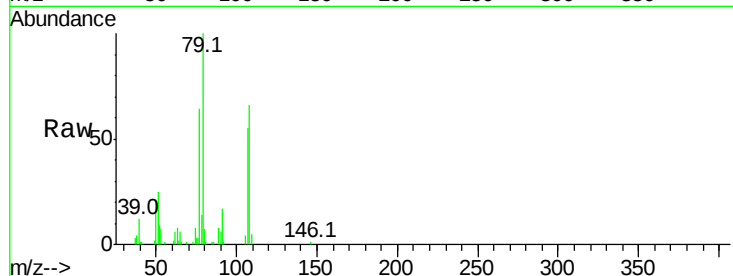
Tot Ion: 79 Resp: 50624

Ion Ratio Lower Upper

79 100

108 65.9 57.2 85.8

77 64.1 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.268 ng

RT: 9.23 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

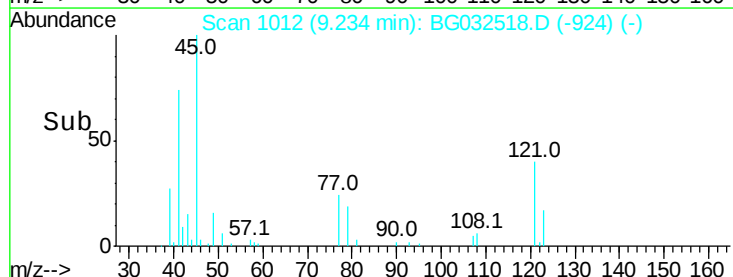
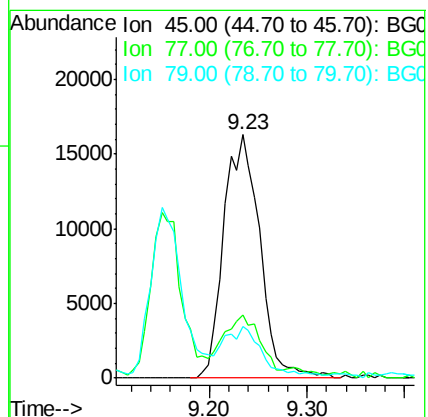
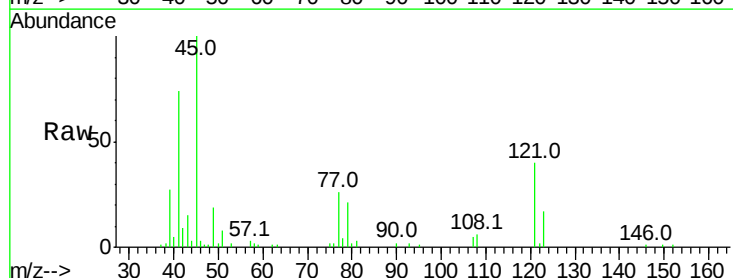
Tgt Ion: 45 Resp: 41814

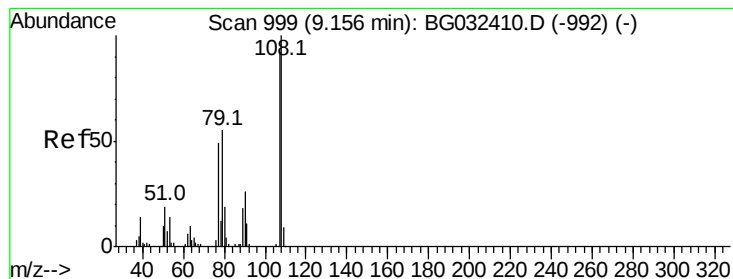
Ion Ratio Lower Upper

45 100

77 26.1 0.0 30.2

79 21.0 0.0 27.9

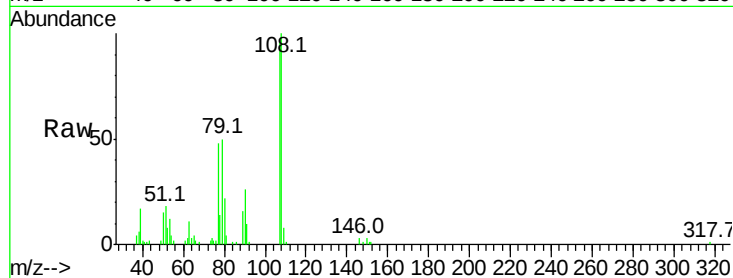




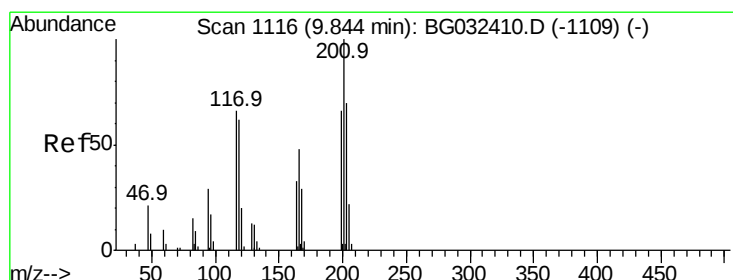
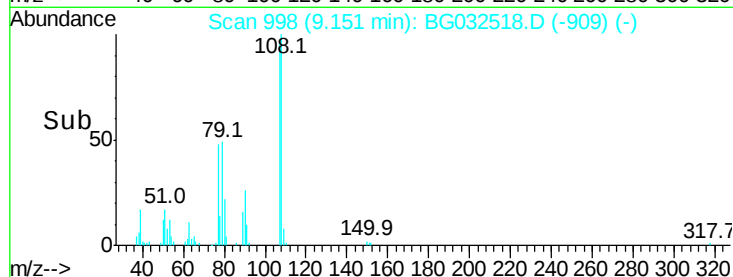
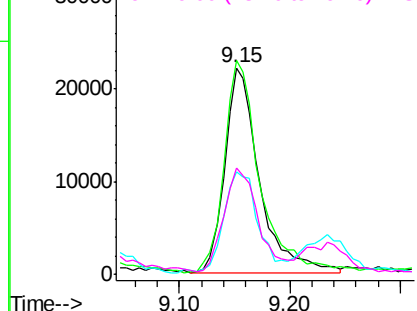
#17
2-Methylphenol
Concen: 37.270 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	48337
Ion	Ratio	Lower	Upper
107	100		
108	103.4	83.9	125.9
77	49.5	37.2	55.8
79	51.3	36.2	54.2

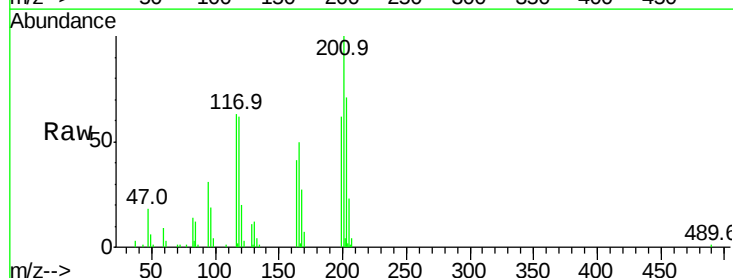


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

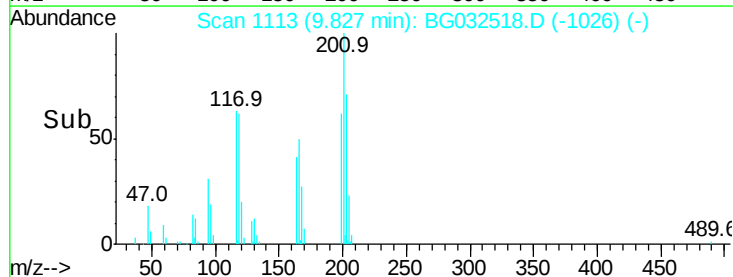
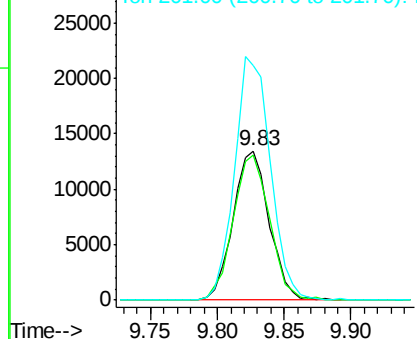


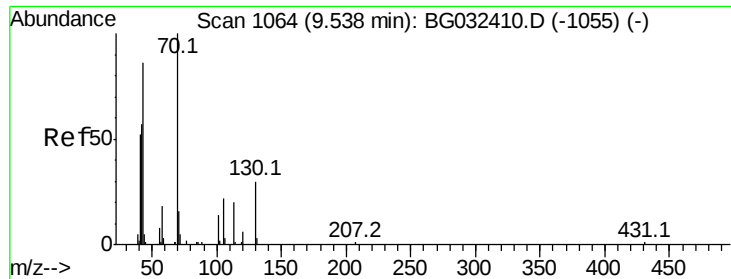
#18
Hexachloroethane
Concen: 37.103 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion:	117	Resp:	25151
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.7	115.1
201	157.8	95.7	143.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

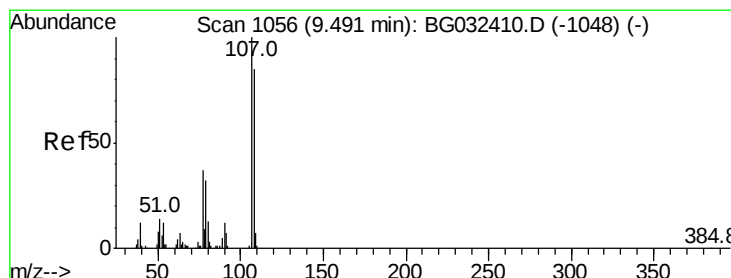
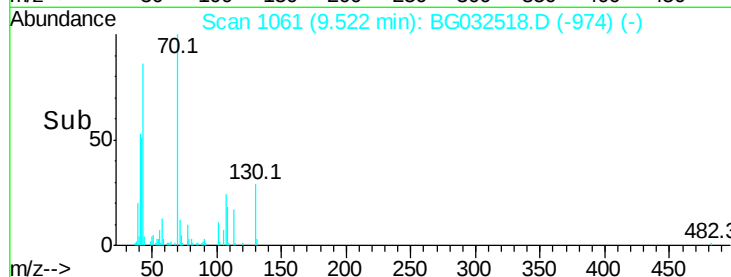
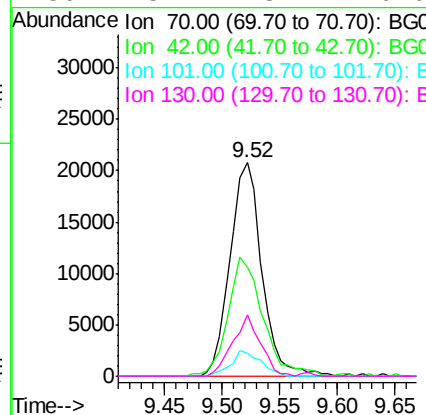
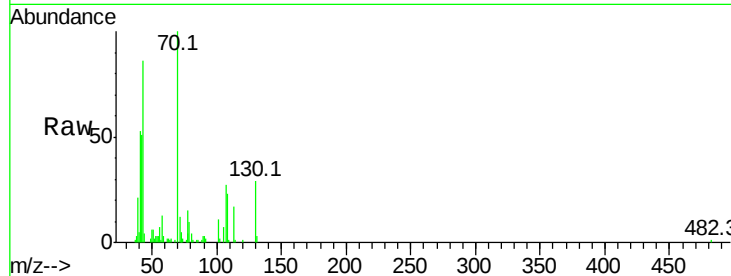




#19
n-Nitroso-di-n-propylamine
Concen: 35.724 ng
RT: 9.52 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

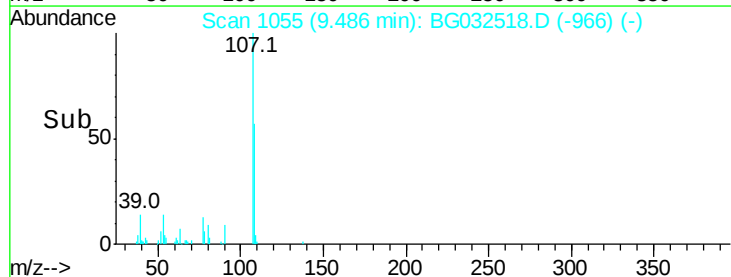
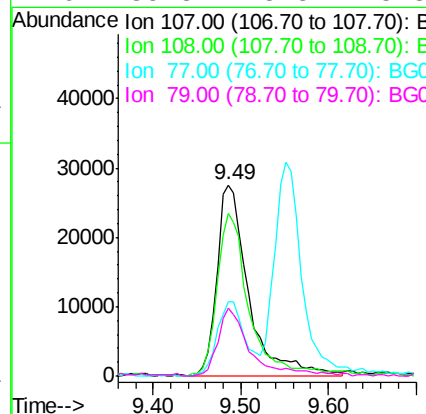
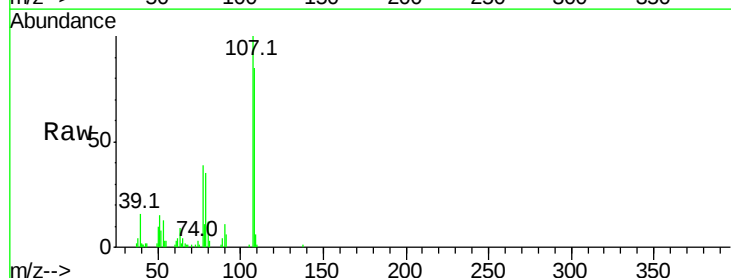
Instrument :
BNA_G
ClientSampleId :

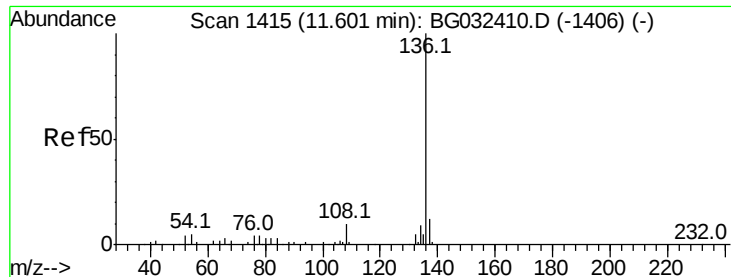
Tot Ion:	70	Resp:	39829
Ion	Ratio	Lower	Upper
70	100		
42	50.9	49.1	73.7
101	10.7	8.5	12.7
130	28.7	13.4	20.0#



#20
3+4-Methylphenols
Concen: 38.117 ng
RT: 9.49 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion:	107	Resp:	69342
Ion	Ratio	Lower	Upper
107	100		
108	84.9	61.6	101.6
77	39.2	13.9	53.9
79	35.3	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 101524

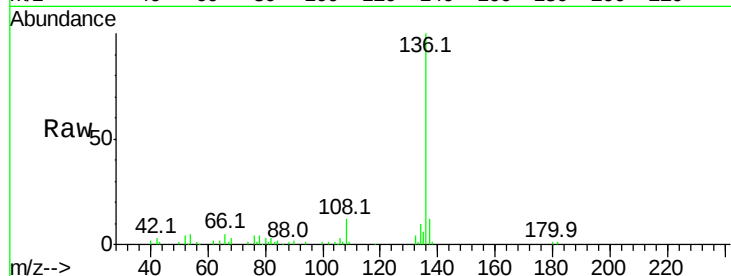
Ion Ratio Lower Upper

136 100

137 12.3 9.2 13.8

54 5.0 10.3 15.5#

68 2.7 4.5 6.7#

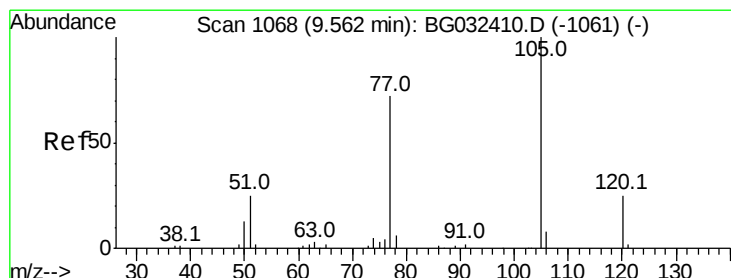
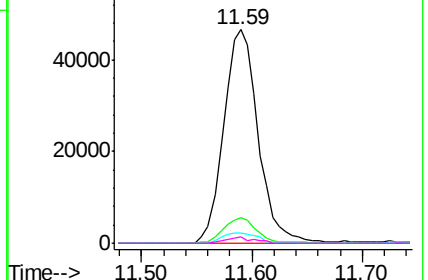
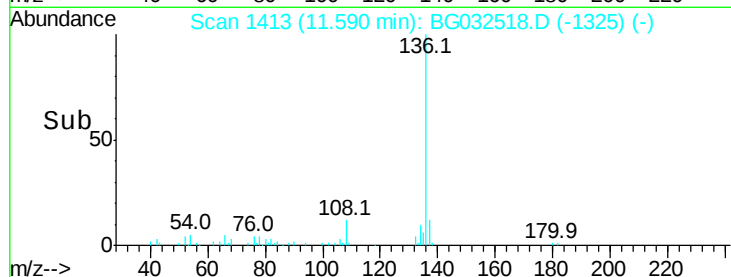


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 36.886 ng

RT: 9.55 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Tgt Ion:105 Resp: 87782

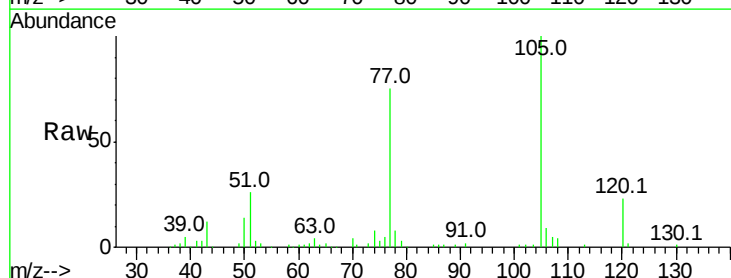
Ion Ratio Lower Upper

105 100

71 1.2 3.0 4.4#

51 25.8 26.1 39.1#

120 22.8 17.4 26.2

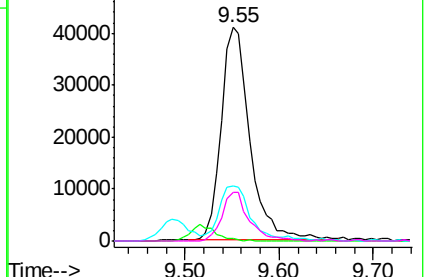
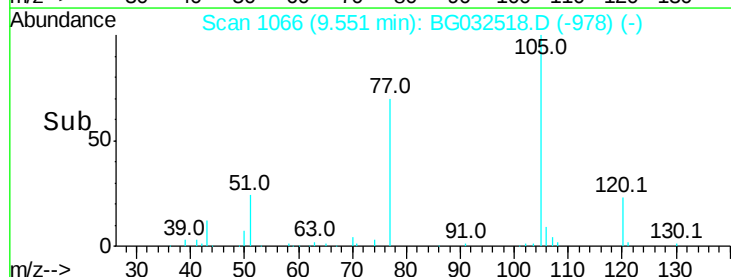


Abundance Ion 105.00 (104.70 to 105.70): E

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

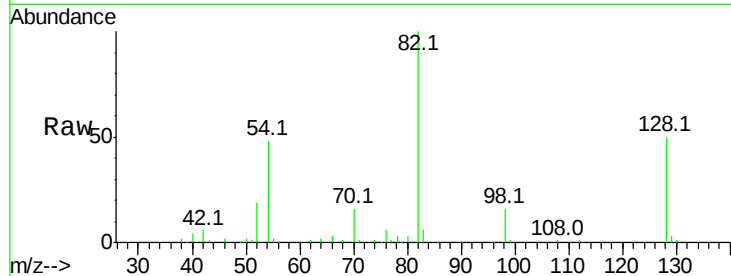




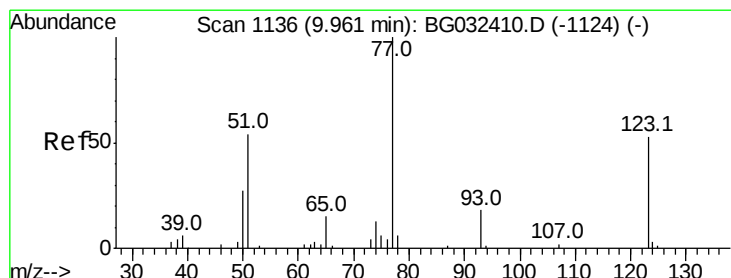
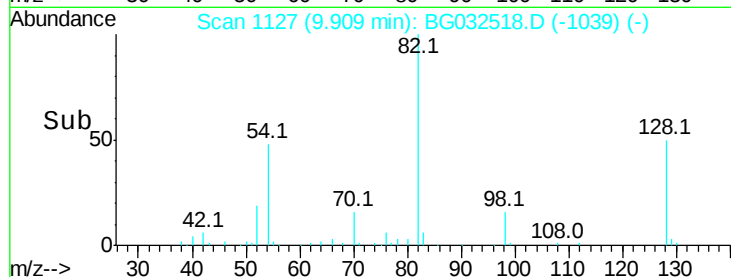
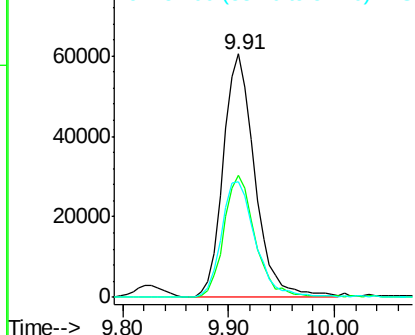
#23
 Nitrobenzene-d5
 Concen: 76.425 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 124222
 Ion Ratio Lower Upper
 82 100
 128 50.2 29.7 44.5#
 54 47.5 43.1 64.7

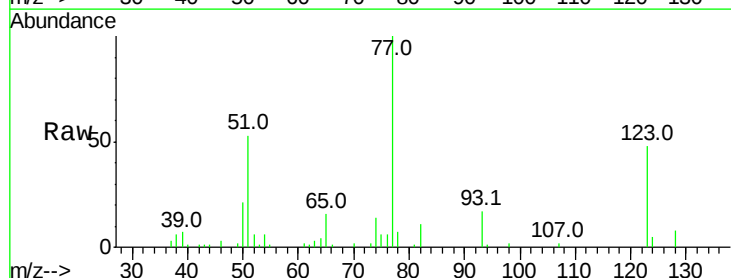


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

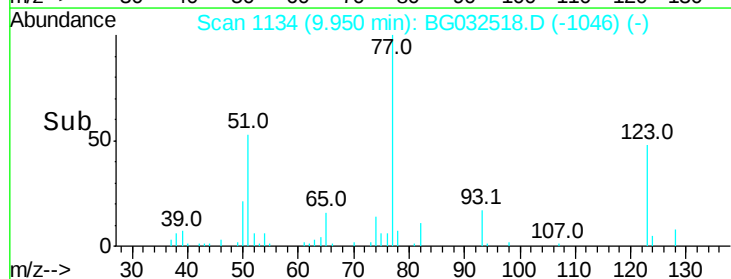
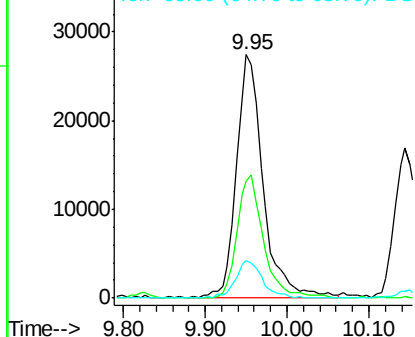


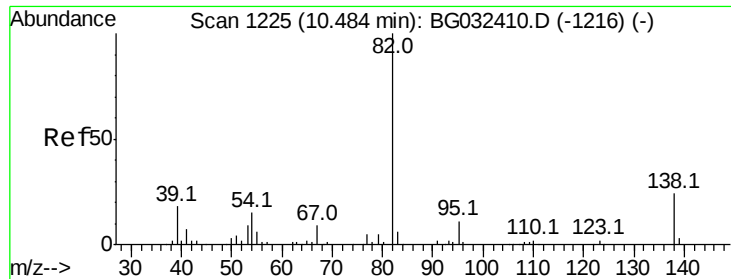
#24
 Nitrobenzene
 Concen: 39.855 ng
 RT: 9.95 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Tgt Ion: 77 Resp: 62642
 Ion Ratio Lower Upper
 77 100
 123 48.1 33.0 49.6
 65 15.6 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: 40.330 ng

RT: 10.47 min Scan# 1222

Delta R.T. -0.02 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

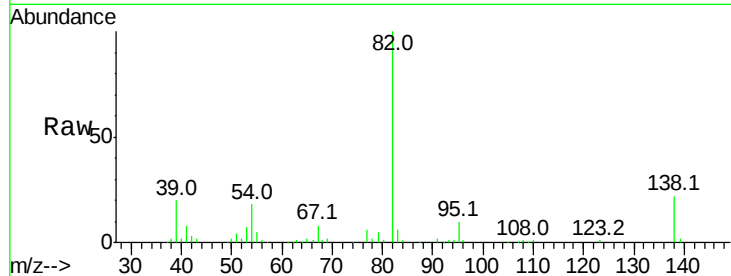
Tot Ion: 82 Resp: 111618

Ion Ratio Lower Upper

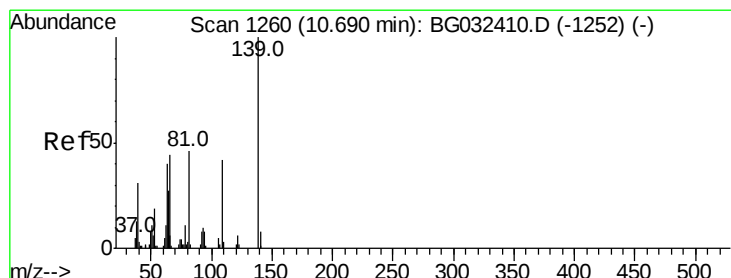
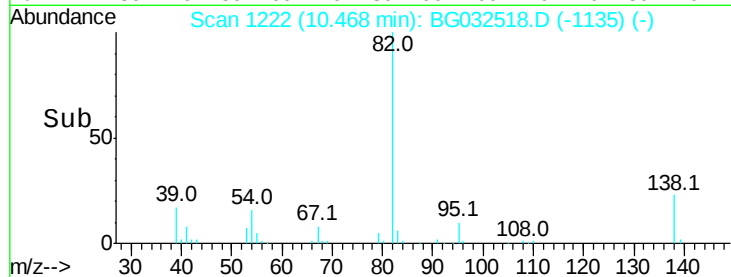
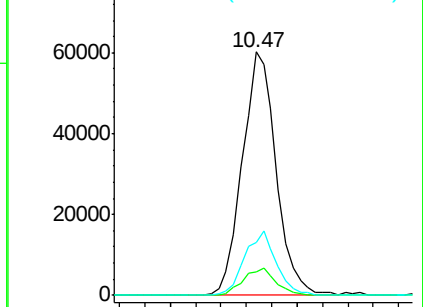
82 100

95 9.7 6.2 9.2#

138 21.9 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 41.836 ng

RT: 10.68 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

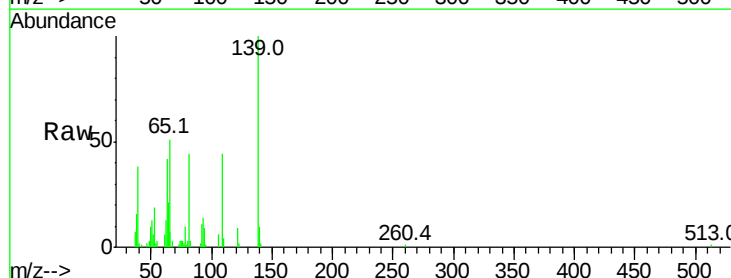
Tgt Ion:139 Resp: 39749

Ion Ratio Lower Upper

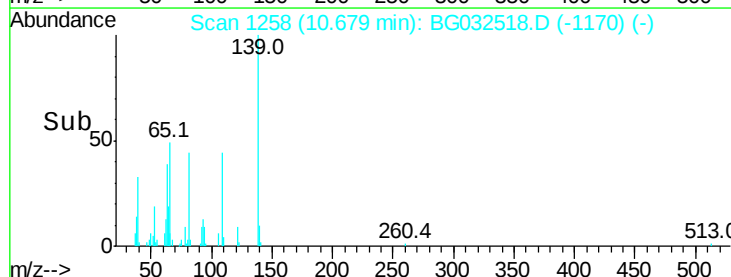
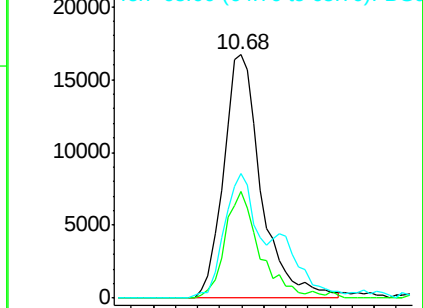
139 100

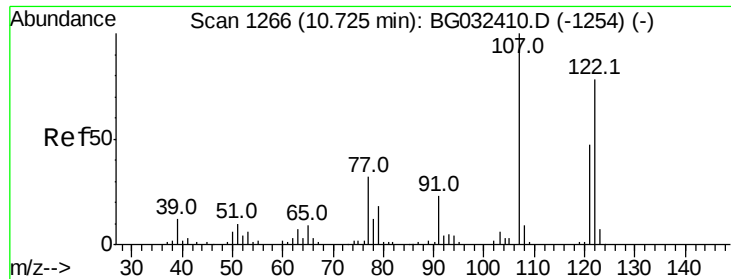
109 43.6 24.2 36.2#

65 51.1 47.4 71.0



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

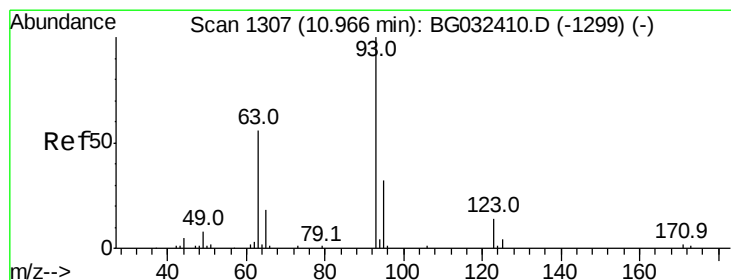
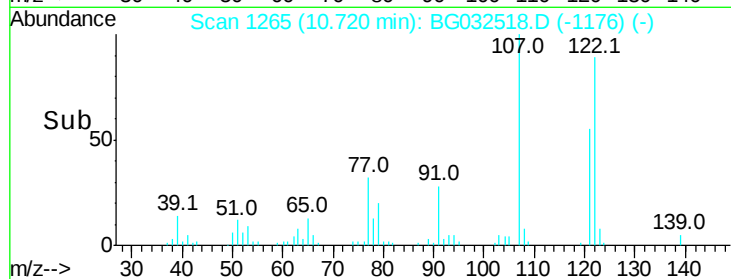
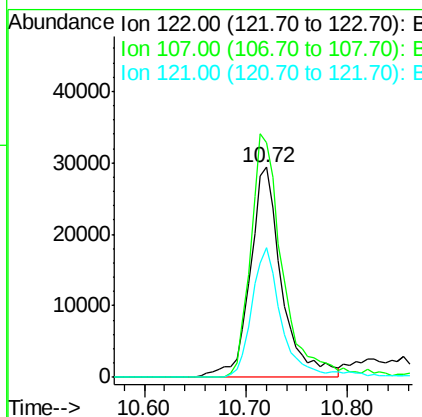
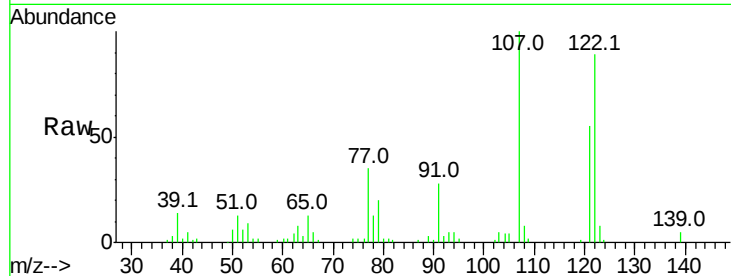




#27
 2,4-Dimethylphenol
 Concen: 46.681 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

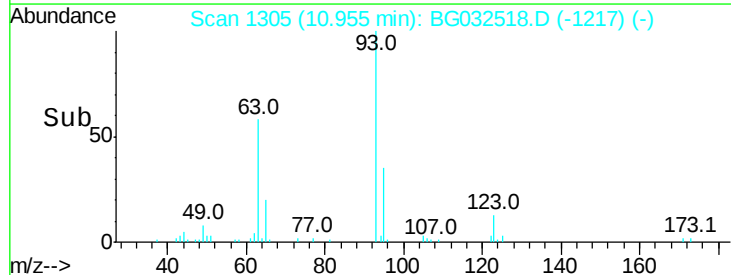
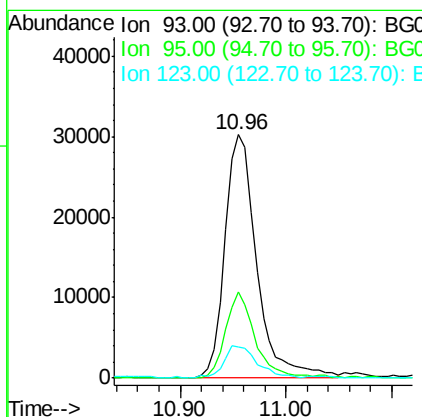
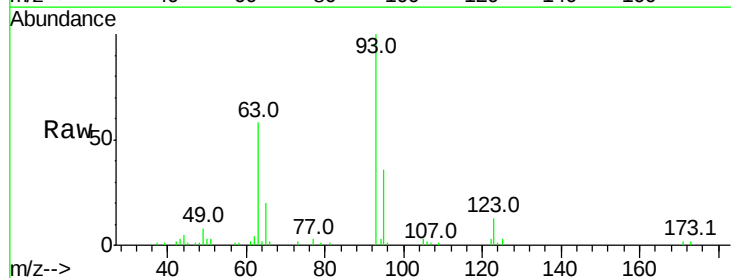
Instrument :
 BNA_G
 ClientSampled :

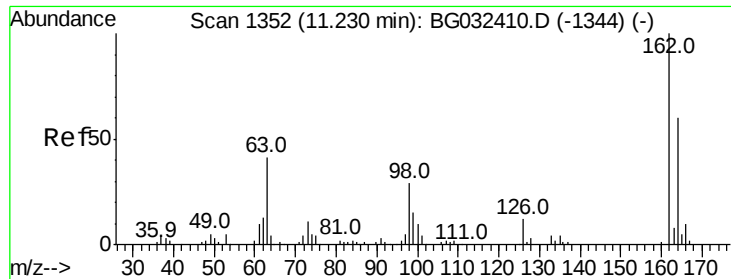
Tot Ion:122 Resp: 63659
 Ion Ratio Lower Upper
 122 100
 107 111.9 100.2 150.2
 121 61.7 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.637 ng
 RT: 10.96 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Tgt Ion: 93 Resp: 63191
 Ion Ratio Lower Upper
 93 100
 95 35.5 24.3 36.5
 123 13.0 8.4 12.6#

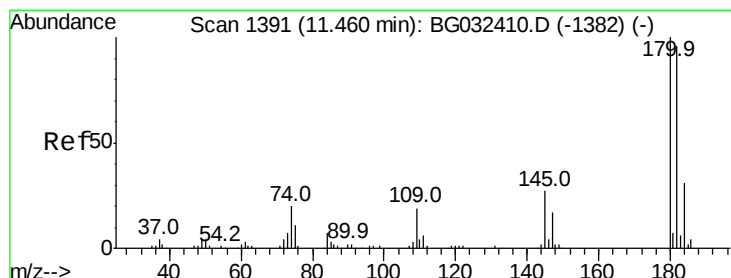
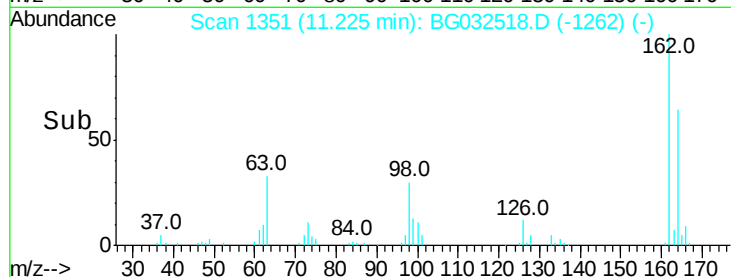
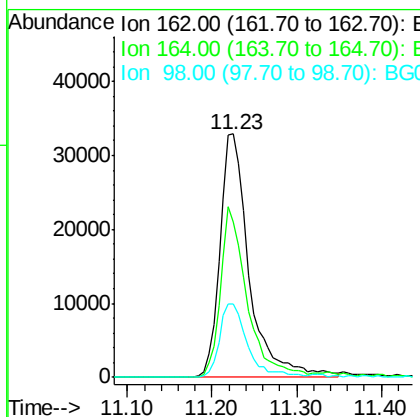
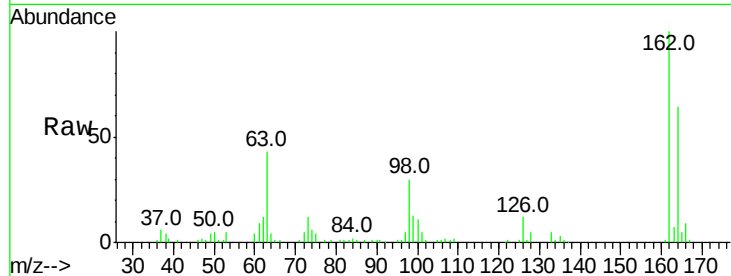




#29
 2,4-Dichlorophenol
 Concen: 43.781 ng
 RT: 11.23 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

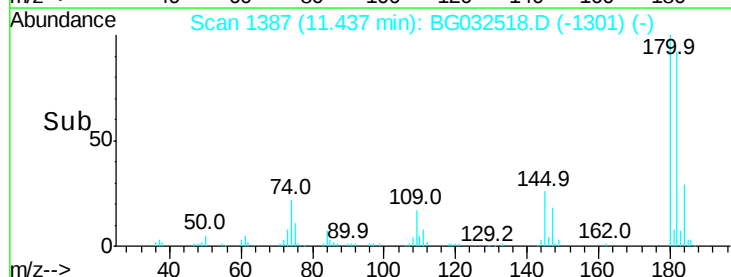
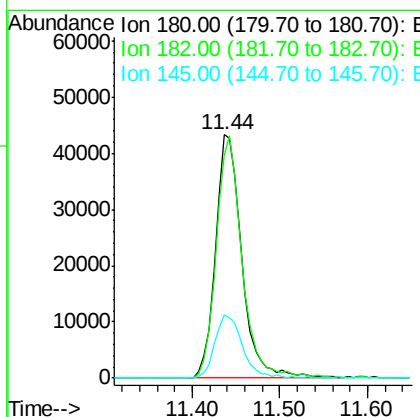
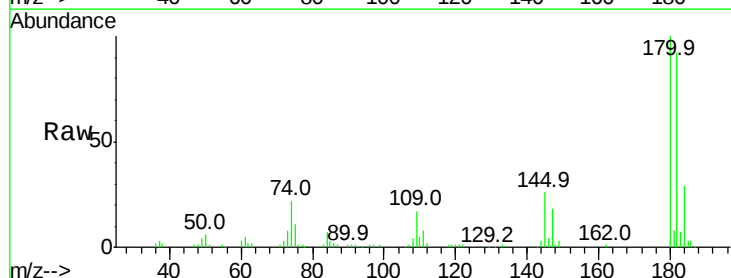
Instrument :
 BNA_G
 ClientSampleId :

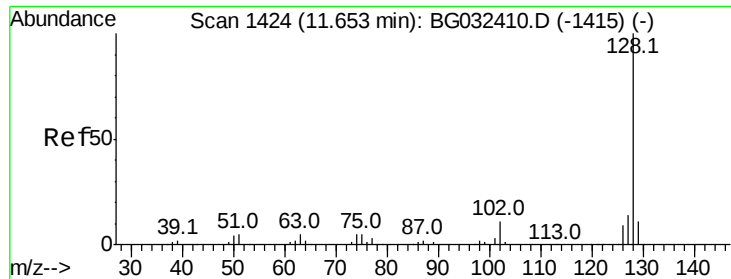
Tot Ion:162 Resp: 79093
 Ion Ratio Lower Upper
 162 100
 164 63.9 48.0 88.0
 98 29.9 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.403 ng
 RT: 11.44 min Scan# 1387
 Delta R.T. -0.02 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Tgt Ion:180 Resp: 90058
 Ion Ratio Lower Upper
 180 100
 182 91.7 77.5 116.3
 145 25.7 23.4 35.2

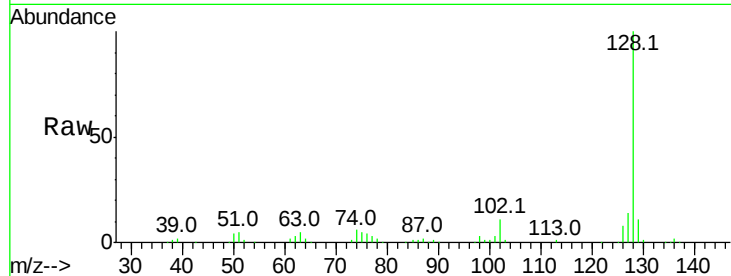




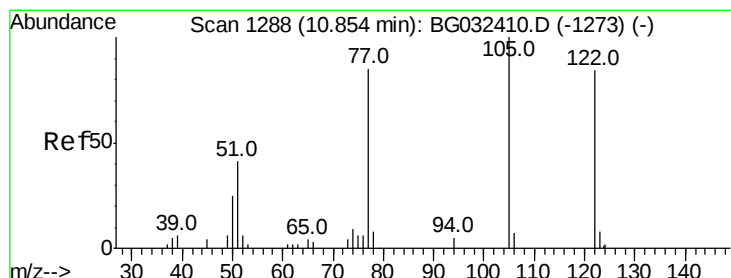
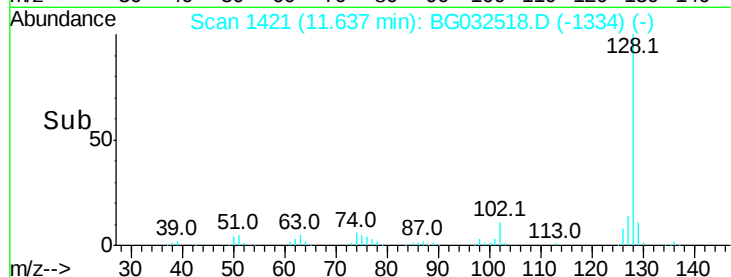
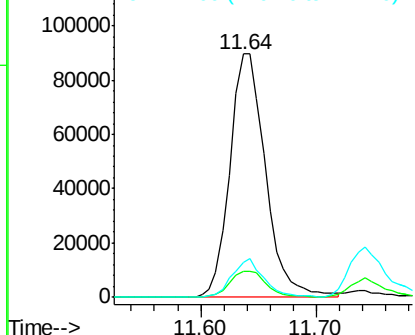
#31
Naphthalene
Concen: 38.686 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 191826
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 14.4 11.6 17.4

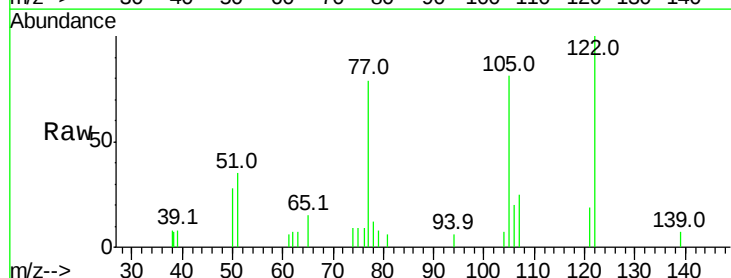


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

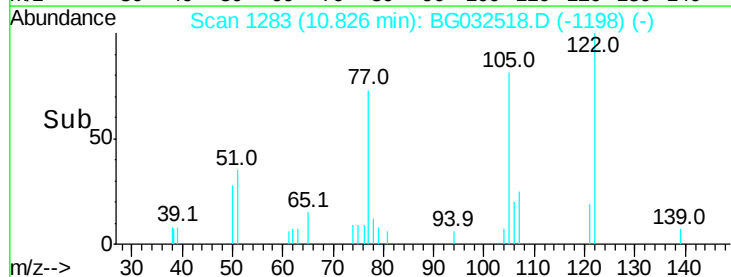
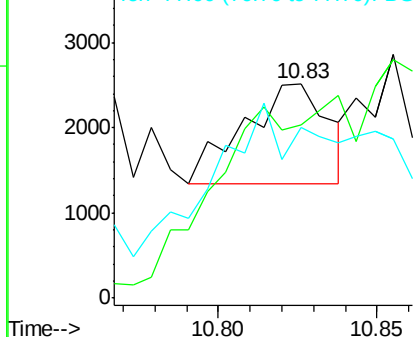


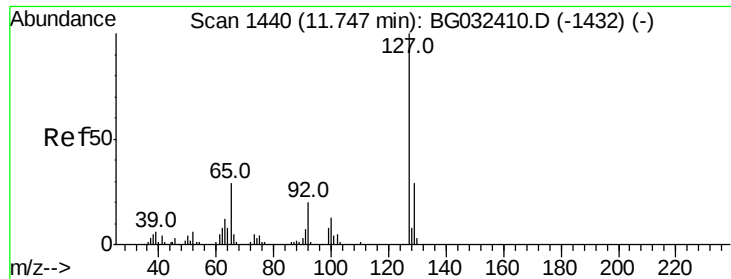
#32
Benzoic acid
Concen: 9.087 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.03 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion:122 Resp: 2163
Ion Ratio Lower Upper
122 100
105 80.9 123.5 163.5#
77 79.4 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

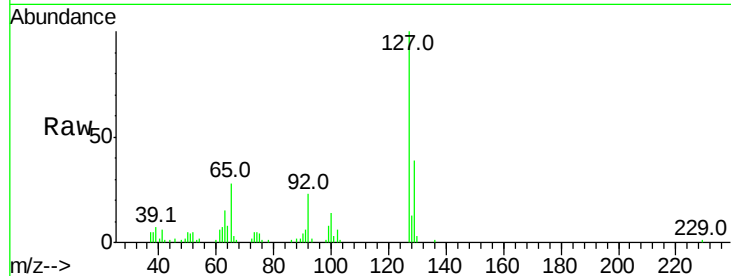




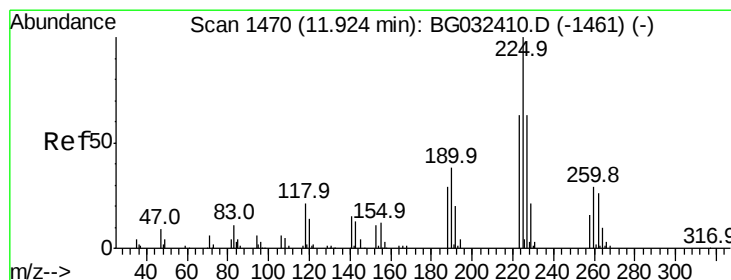
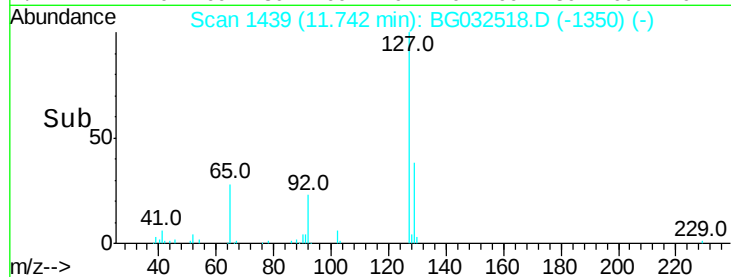
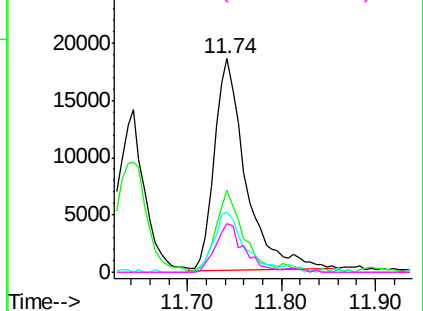
#33
4-Chloroaniline
Concen: 19.550 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	43236
Ion	Ratio	Lower	Upper
127	100		
129	38.6	24.0	36.0#
65	28.4	27.0	40.4
92	22.6	16.6	25.0

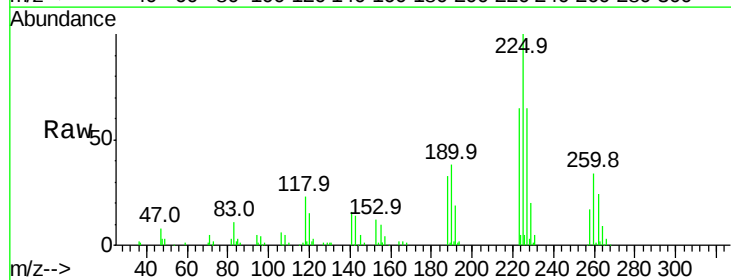


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

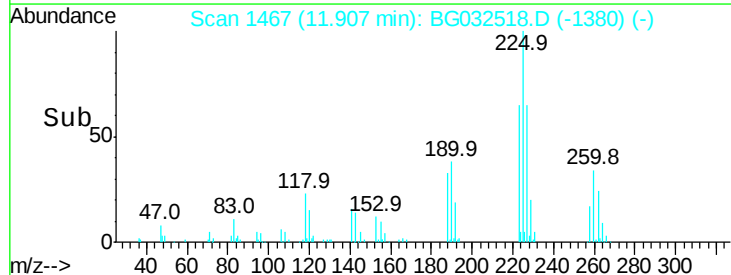
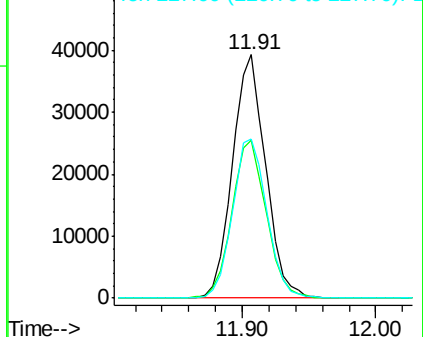


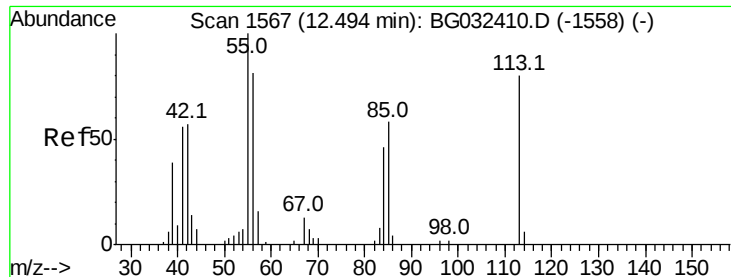
#34
Hexachlorobutadiene
Concen: 36.134 ng
RT: 11.91 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion:	225	Resp:	67690
Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.7	74.5
227	65.2	48.1	72.1



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





#35

Caprolactam

Concen: 42.213 ng

RT: 12.49 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

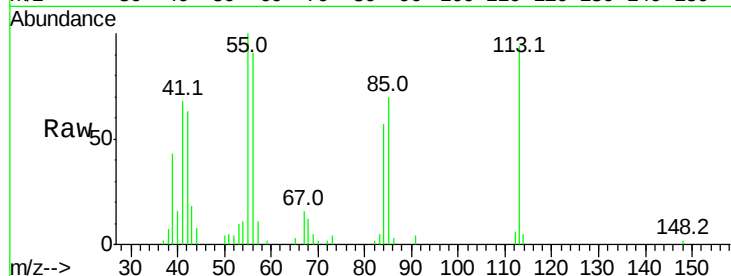
Tot Ion:113 Resp: 21892

Ion Ratio Lower Upper

113 100

55 106.0 186.9 226.9#

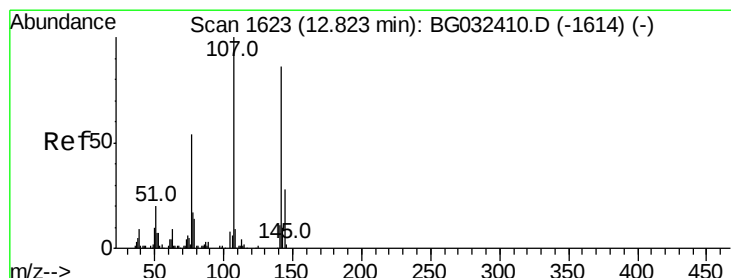
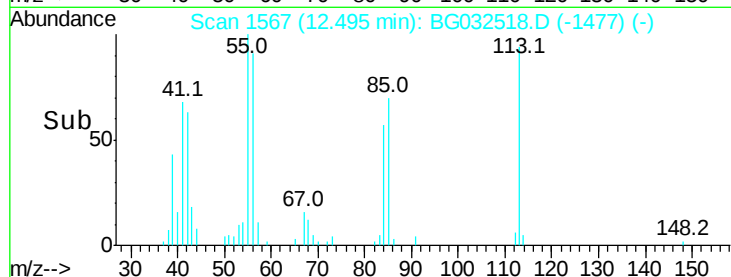
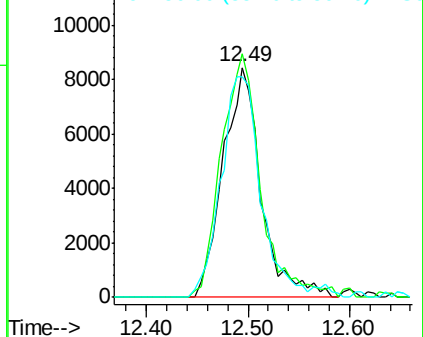
56 96.0 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.139 ng

RT: 12.82 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

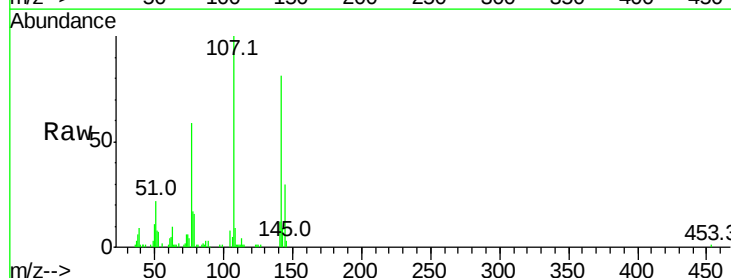
Tgt Ion:107 Resp: 73923

Ion Ratio Lower Upper

107 100

144 29.9 18.2 27.4#

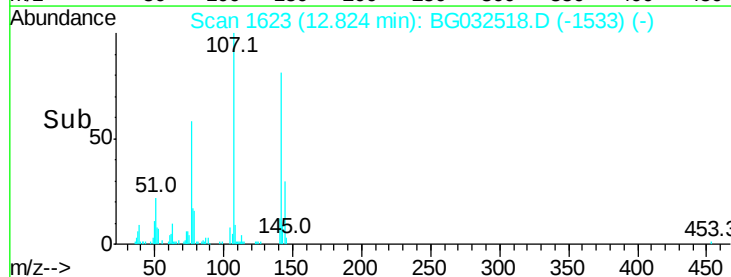
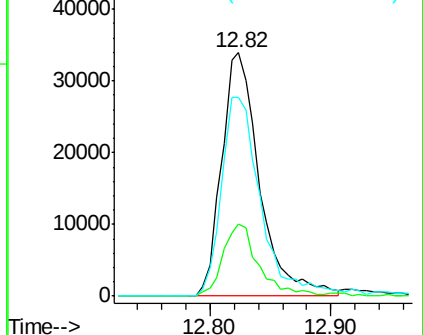
142 81.4 59.0 88.4

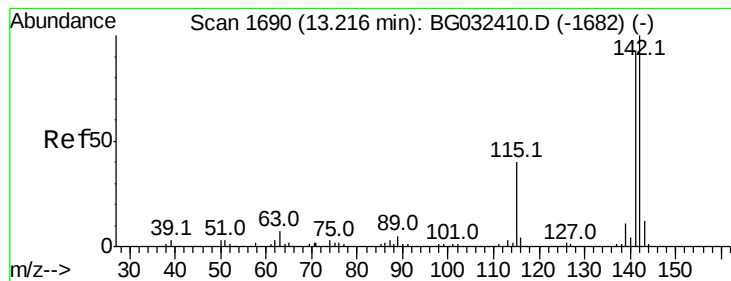


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.689 ng

RT: 13.21 min Scan# 1688

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

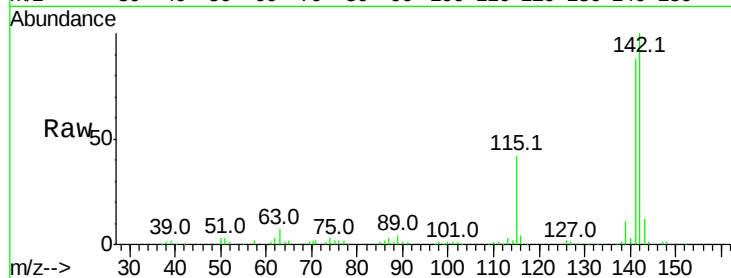
Tot Ion:142 Resp: 161167

Ion Ratio Lower Upper

142 100

141 88.4 67.1 100.7

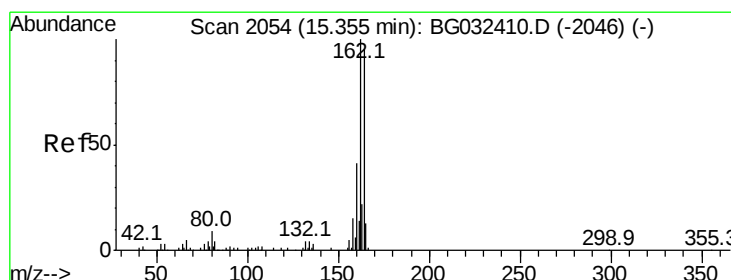
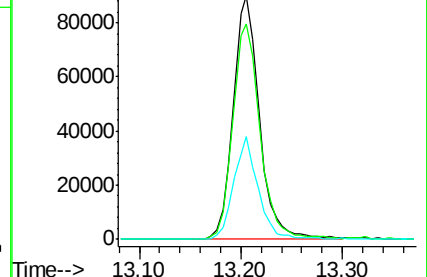
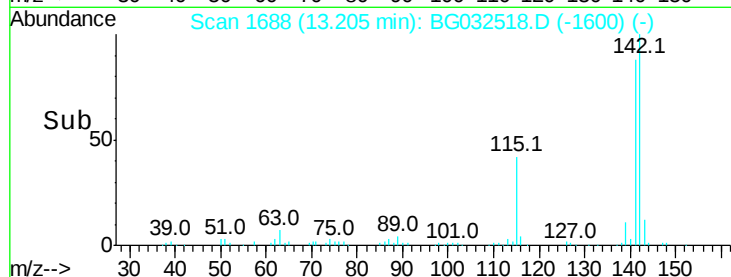
115 42.4 30.7 46.1



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# 2052

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

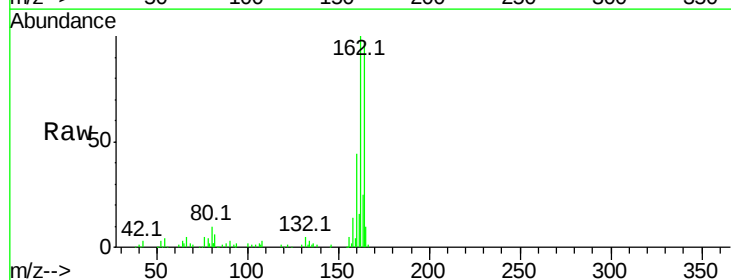
Tgt Ion:164 Resp: 74486

Ion Ratio Lower Upper

164 100

162 103.6 78.8 118.2

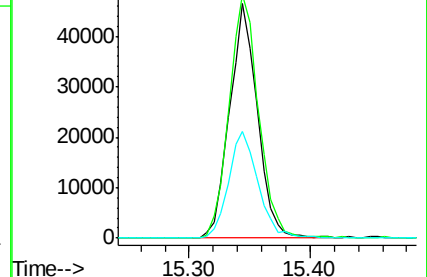
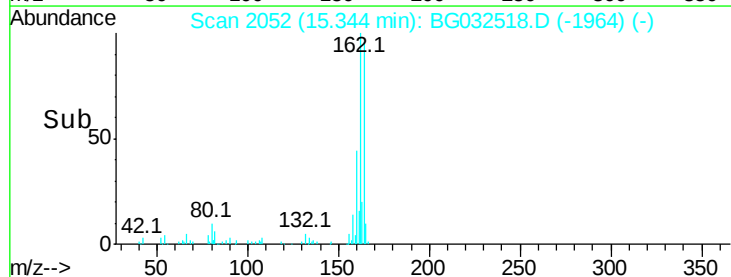
160 45.6 35.4 53.0

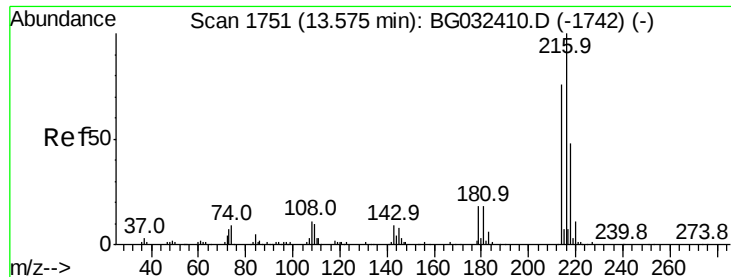


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.627 ng

RT: 13.56 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 131119

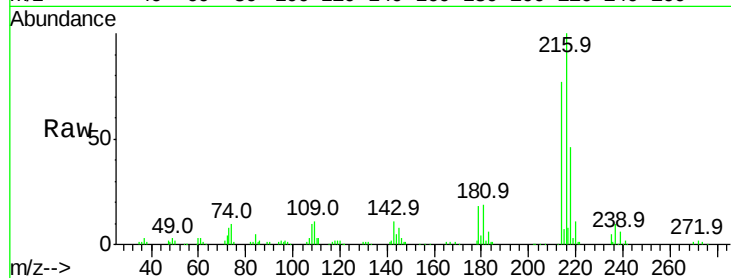
Ion Ratio Lower Upper

216 100

214 75.2 63.0 94.4

179 17.8 17.0 25.6

108 13.4 12.8 19.2

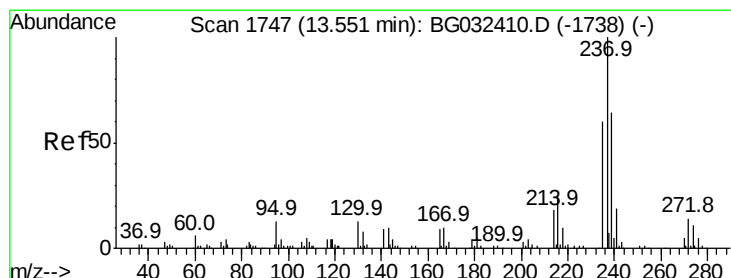
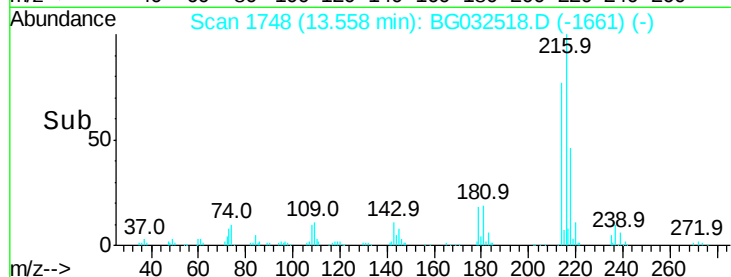
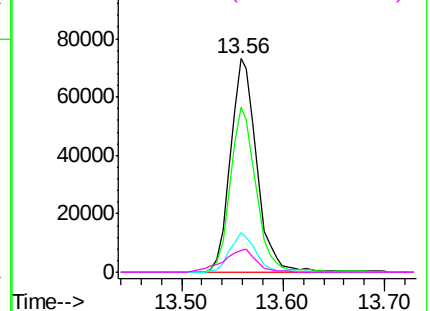


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 78.402 ng

RT: 13.53 min Scan# 1744

Delta R.T. -0.02 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

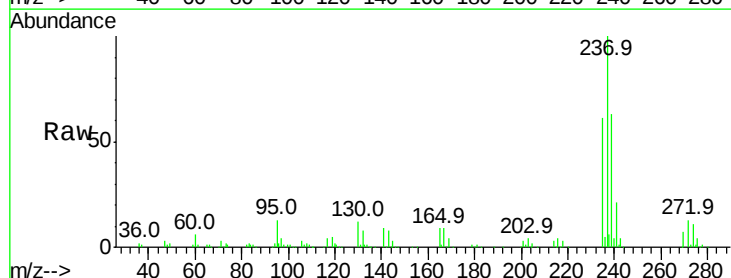
Tgt Ion:237 Resp: 170701

Ion Ratio Lower Upper

237 100

235 61.3 50.4 90.4

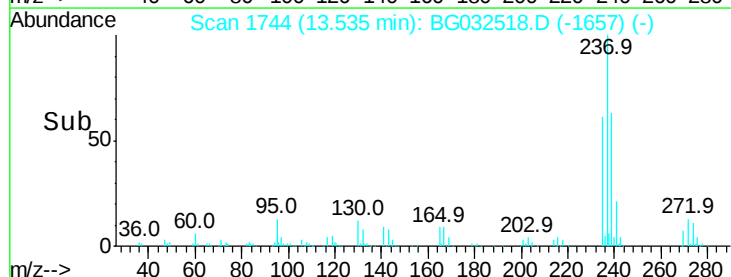
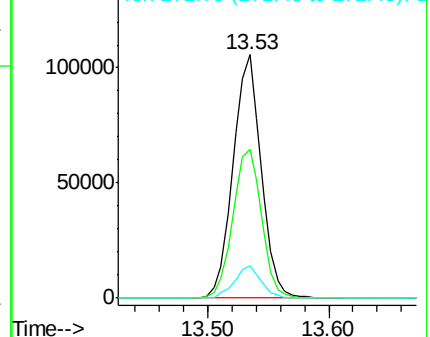
272 13.3 0.0 31.8

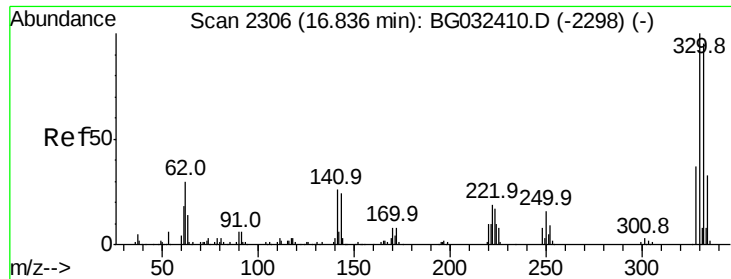


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

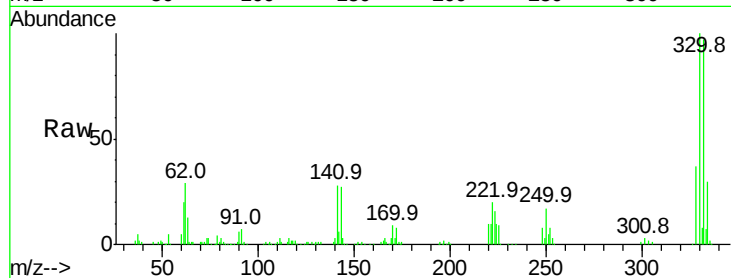




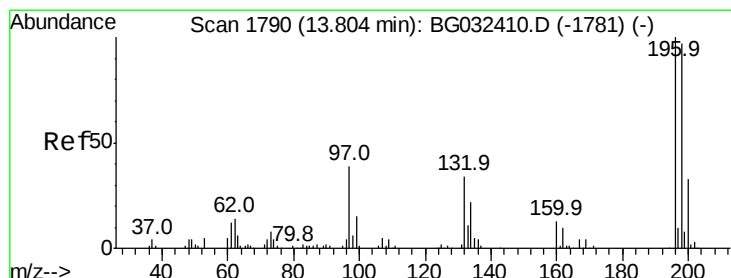
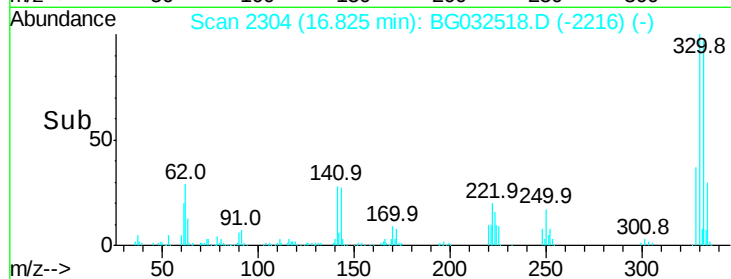
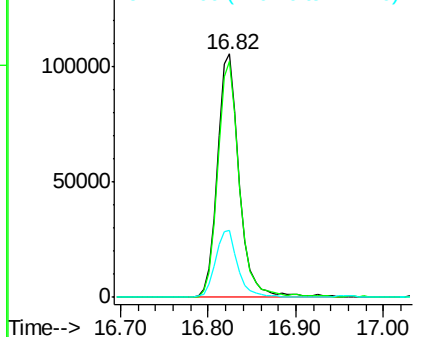
#41
 2,4,6-Tribromophenol
 Concen: 128.808 ng
 RT: 16.82 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	28.1	25.2	37.8

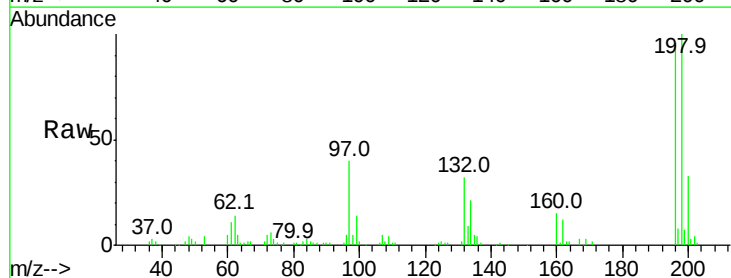


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

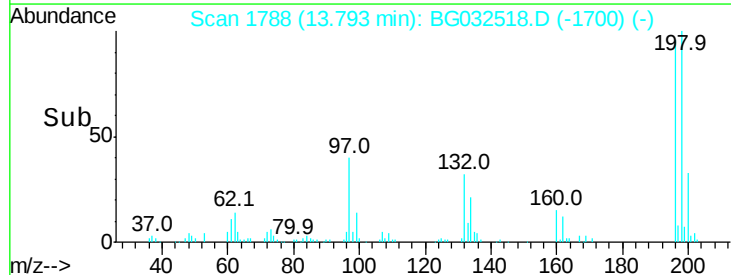
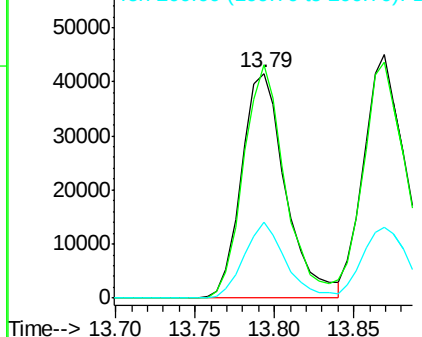


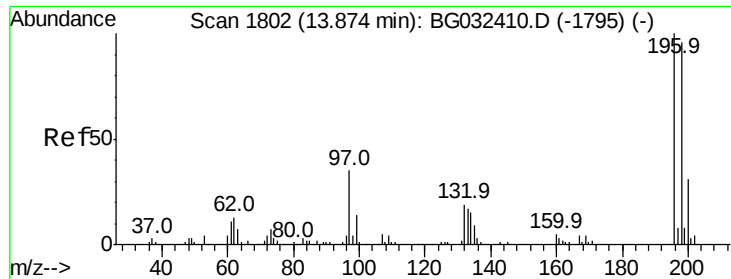
#42
 2,4,6-Trichlorophenol
 Concen: 42.272 ng
 RT: 13.79 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.8	78.2	117.2
200	34.0	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

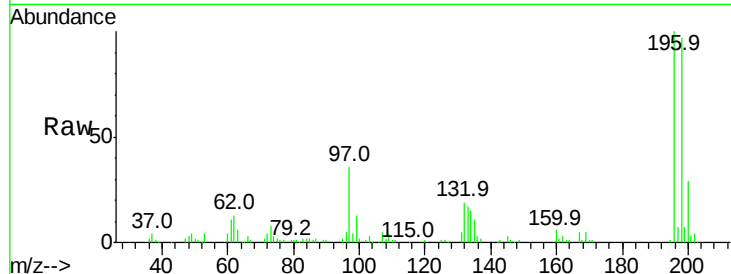




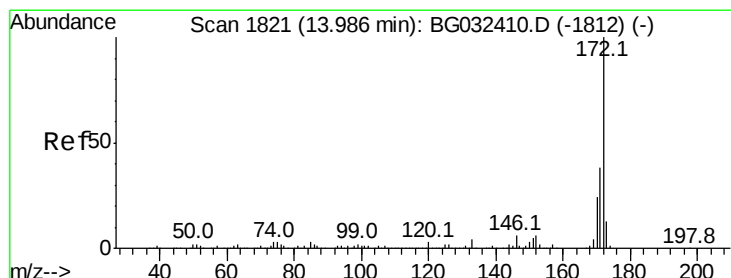
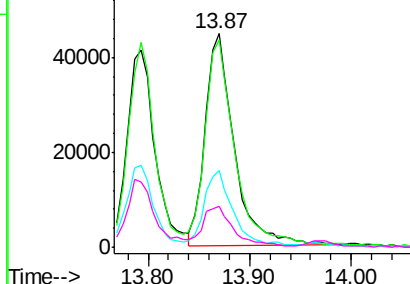
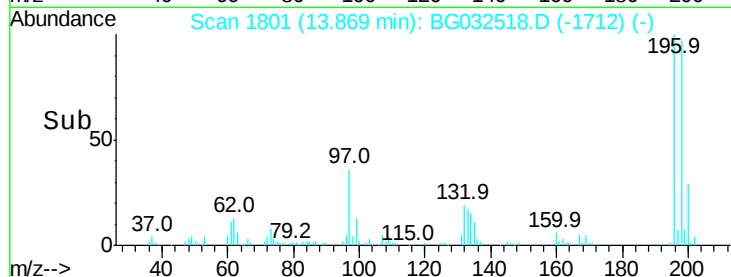
#43
2,4,5-Trichlorophenol
Concen: 40.748 ng
RT: 13.87 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.2	114.4
97	36.2	38.7	58.1#
132	19.5	20.2	30.2#

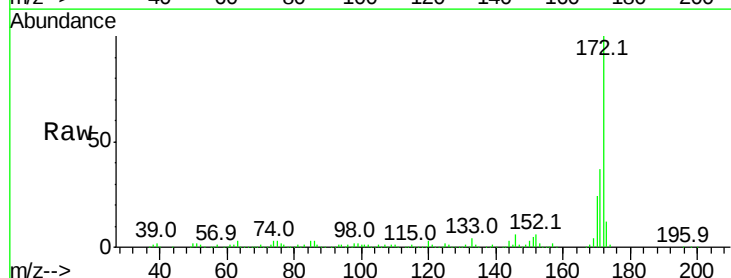


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

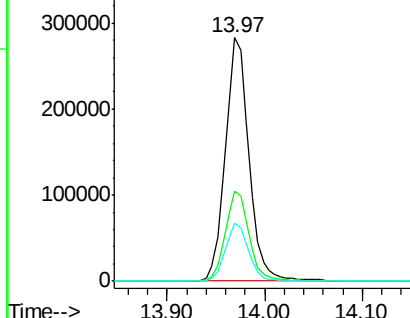
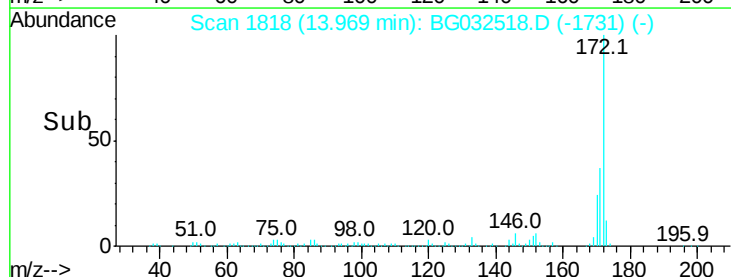


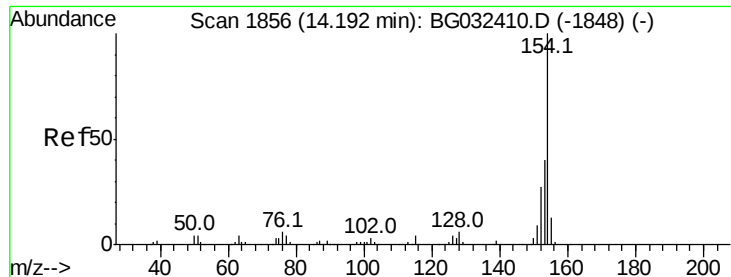
#44
2-Fluorobiphenyl
Concen: 75.777 ng
RT: 13.97 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.7	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: 37.665 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

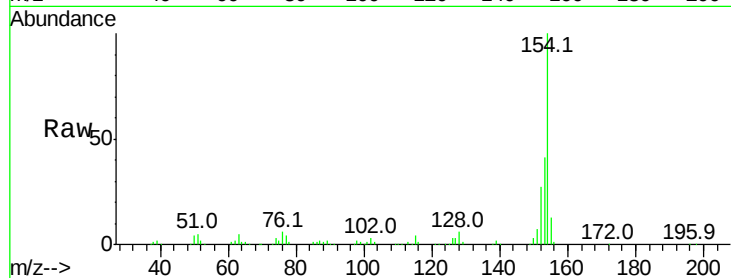
Tot Ion:154 Resp: 237028

Ion Ratio Lower Upper

154 100

153 41.0 19.8 59.8

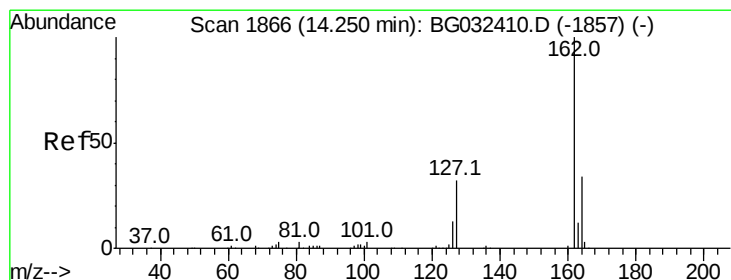
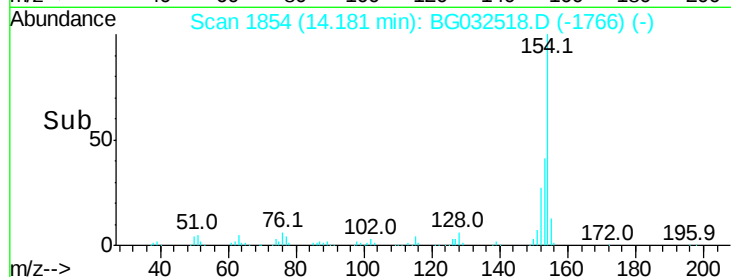
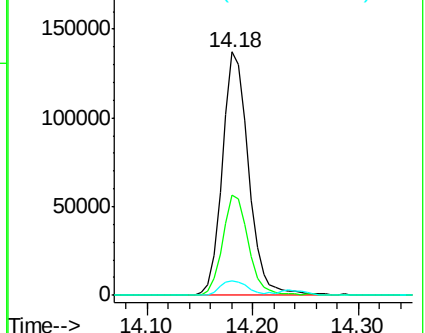
76 5.9 0.0 31.9



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: 37.480 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

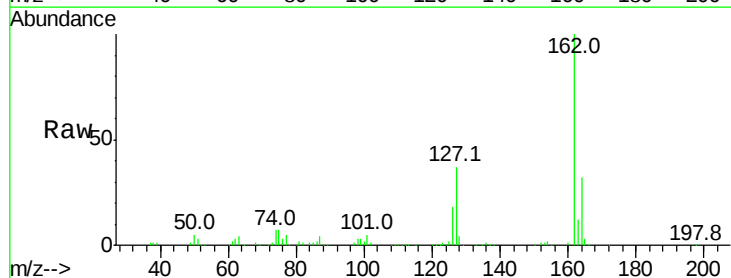
Tgt Ion:162 Resp: 184862

Ion Ratio Lower Upper

162 100

127 37.2 30.7 46.1

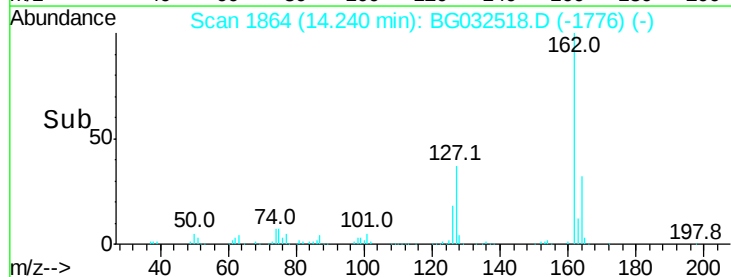
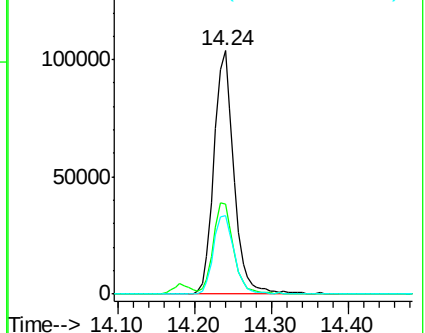
164 32.0 26.0 39.0

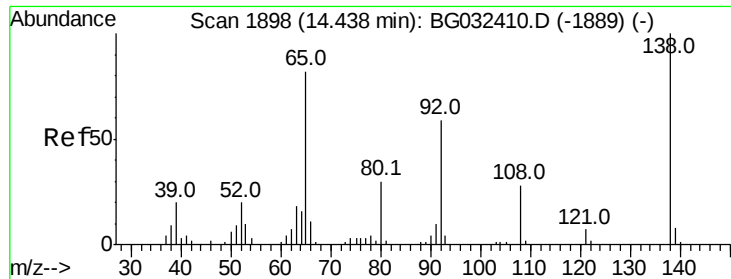


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

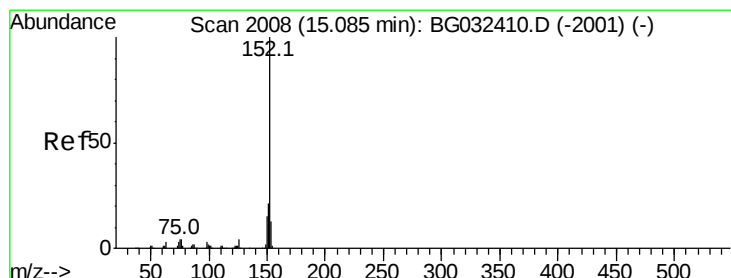
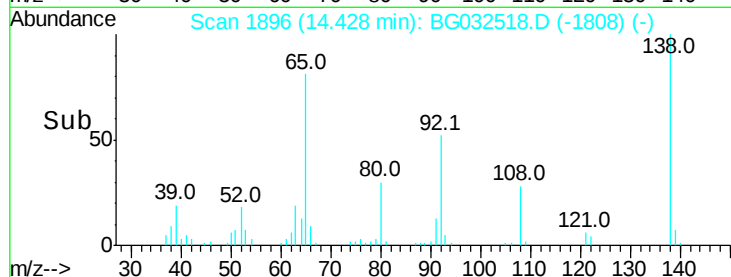
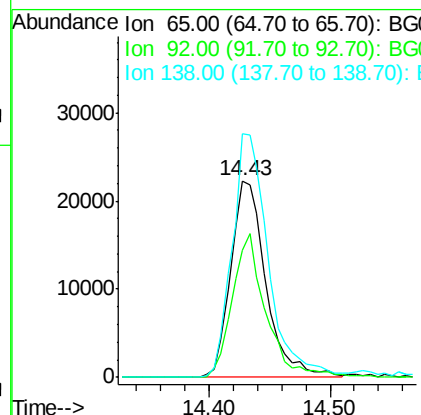
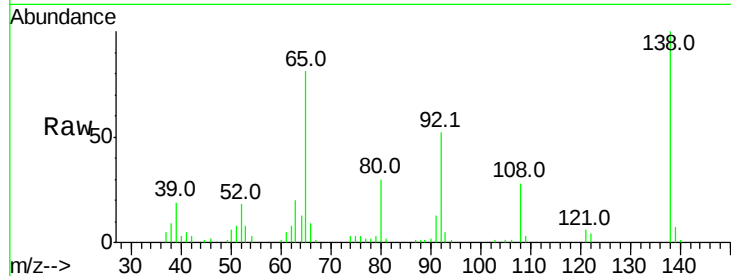




#47
 2-Nitroaniline
 Concen: 41.418 ng
 RT: 14.43 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

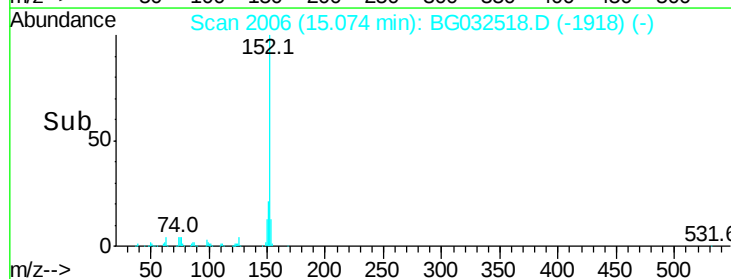
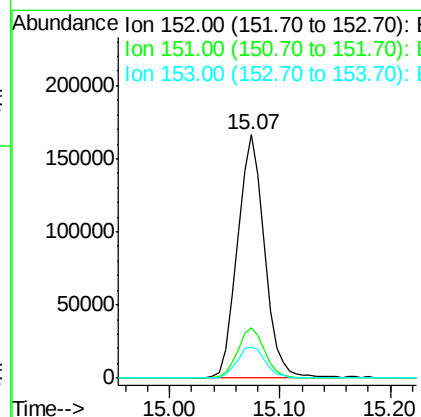
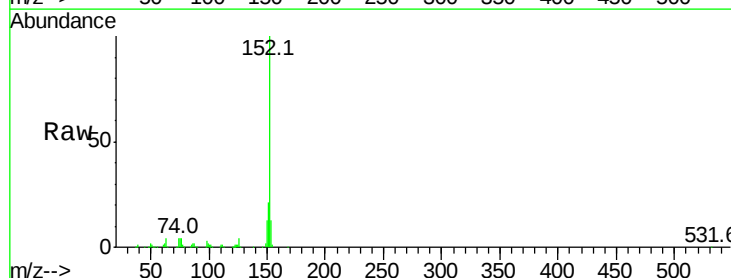
Instrument :
 BNA_G
 ClientSampleId :

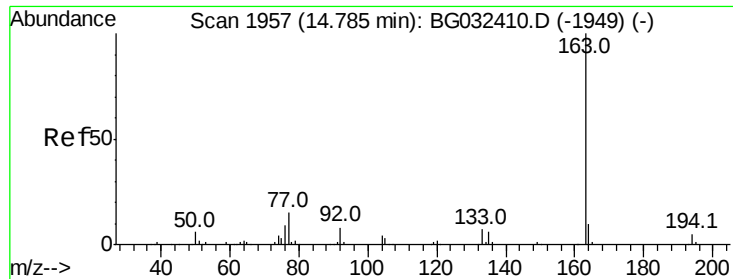
Tot Ion: 65 Resp: 45176
 Ion Ratio Lower Upper
 65 100
 92 65.0 54.6 82.0
 138 124.0 72.9 109.3#



#48
 Acenaphthylene
 Concen: 38.195 ng
 RT: 15.07 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Tgt Ion:152 Resp: 284796
 Ion Ratio Lower Upper
 152 100
 151 20.9 17.2 25.8
 153 13.0 10.2 15.4





#49

Dimethylphthalate

Concen: 38.418 ng

RT: 14.77 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampled :

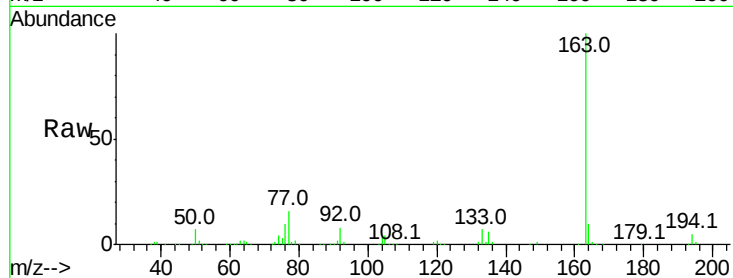
Tot Ion:163 Resp: 263850

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.2

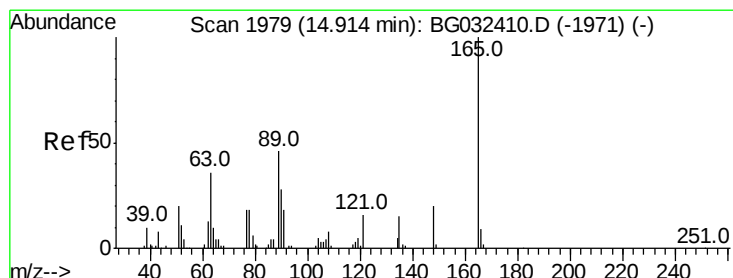
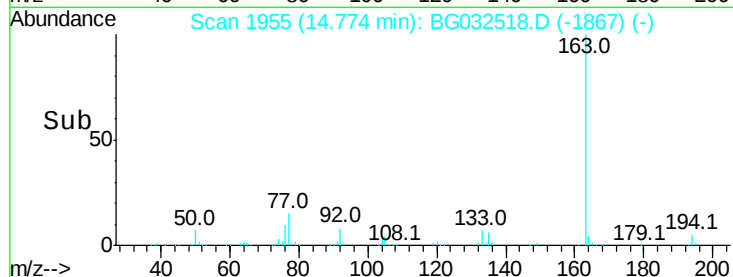
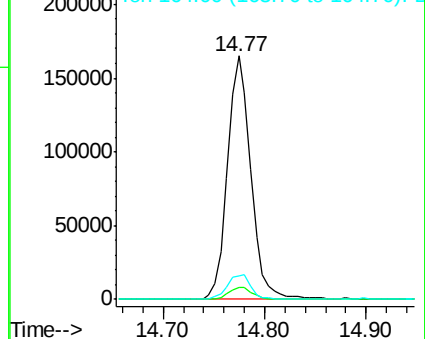
164 9.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.063 ng

RT: 14.90 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

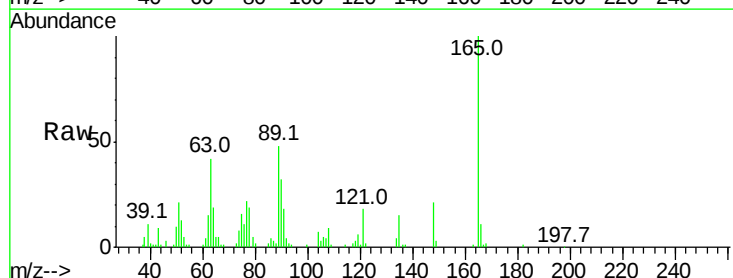
Tgt Ion:165 Resp: 59192

Ion Ratio Lower Upper

165 100

63 41.7 52.7 79.1#

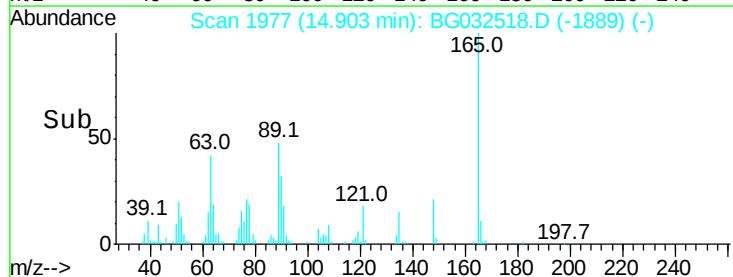
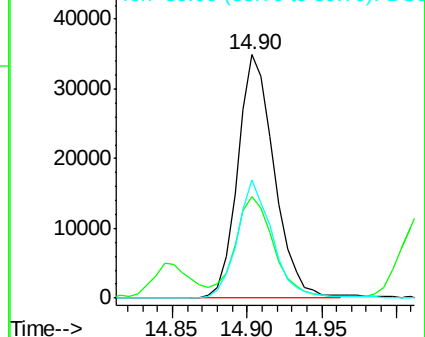
89 48.3 49.2 73.8#



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: 36.018 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

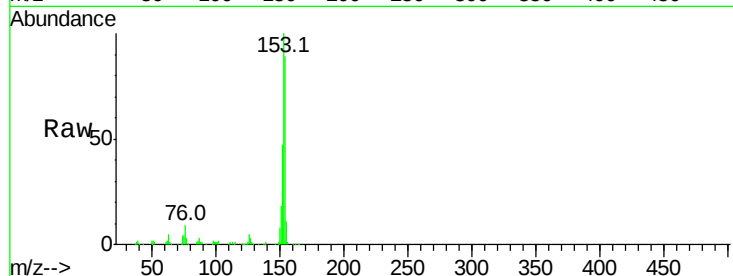
Tot Ion:154 Resp: 186258

Ion Ratio Lower Upper

154 100

153 111.8 90.4 135.6

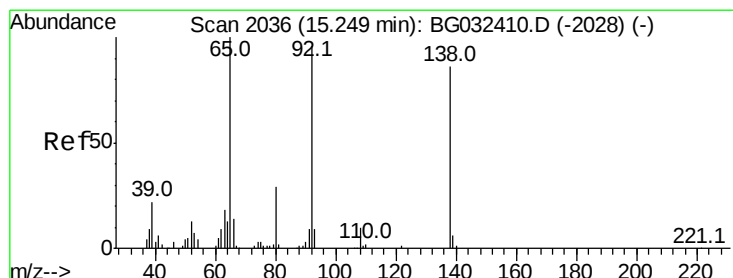
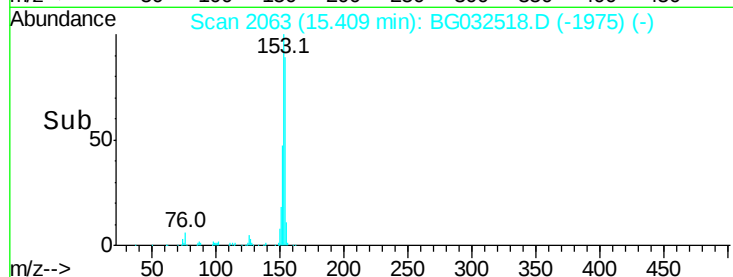
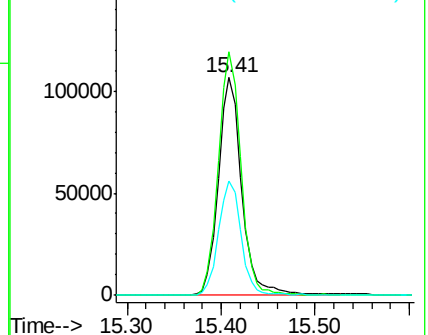
152 52.7 41.6 62.4



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: 27.494 ng

RT: 15.24 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

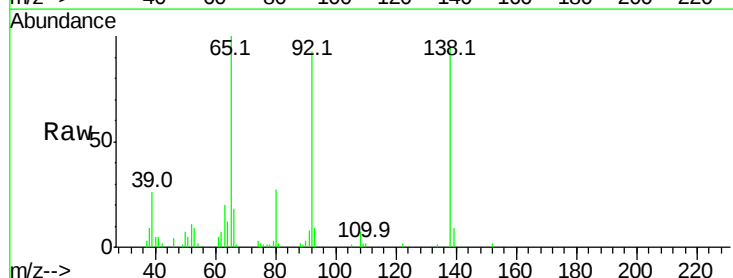
Tgt Ion:138 Resp: 34617

Ion Ratio Lower Upper

138 100

108 7.6 17.5 26.3#

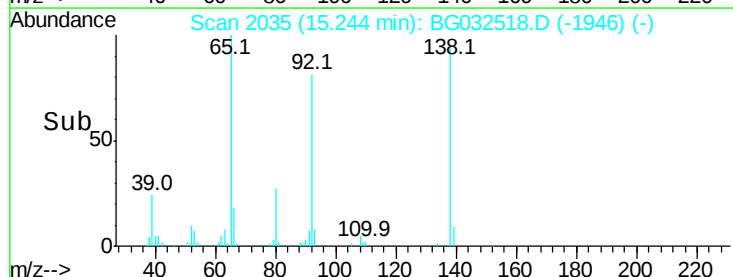
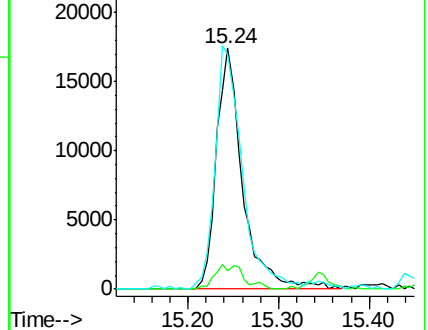
92 97.8 105.8 158.8#

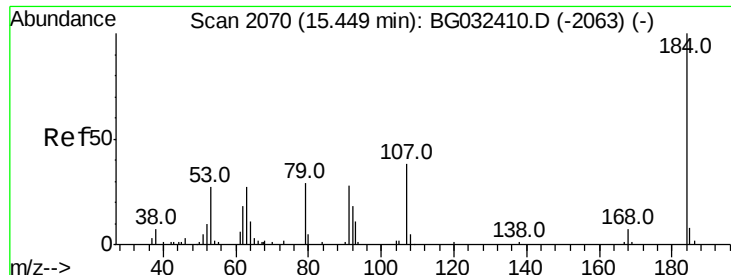


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

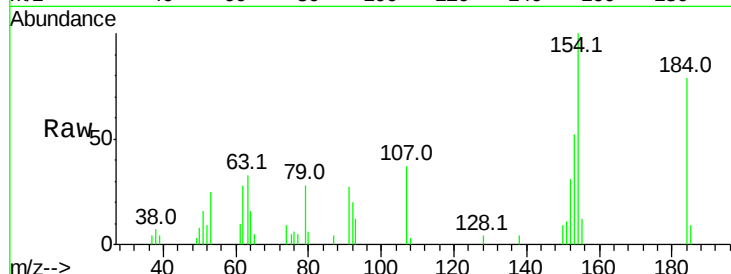




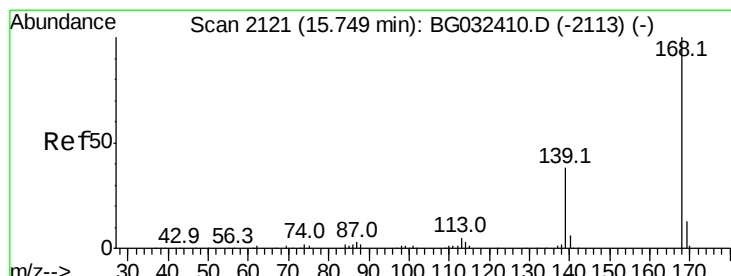
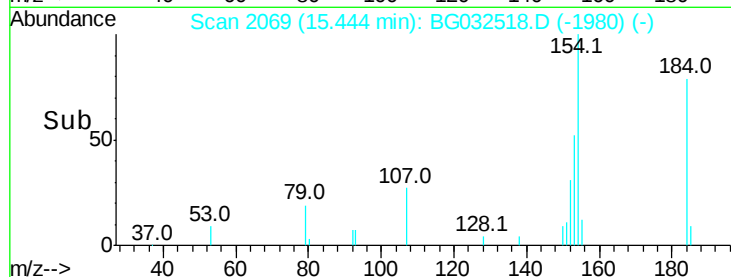
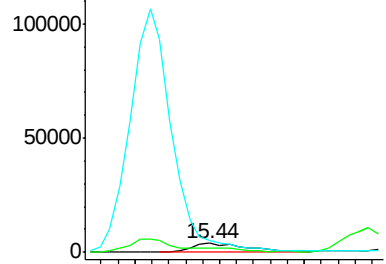
#53
 2,4-Dinitrophenol
 Concen: 13.798 ng
 RT: 15.44 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 9194
 Ion Ratio Lower Upper
 184 100
 63 41.3 59.8 89.8#
 154 126.9 101.8 152.8

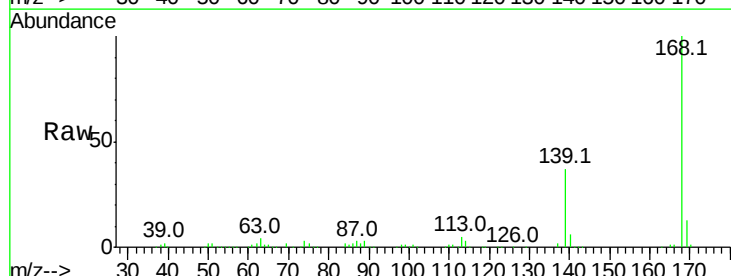


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

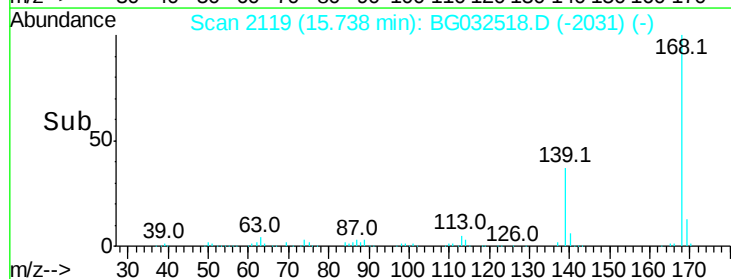
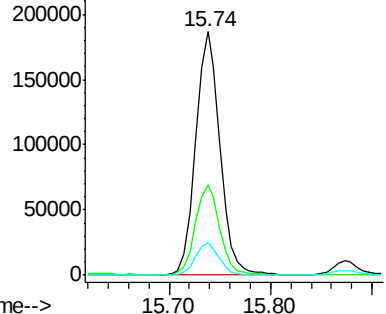


#54
 Dibenzofuran
 Concen: 40.504 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Tgt Ion:168 Resp: 310019
 Ion Ratio Lower Upper
 168 100
 139 37.0 28.6 43.0
 169 13.1 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: 73.841 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

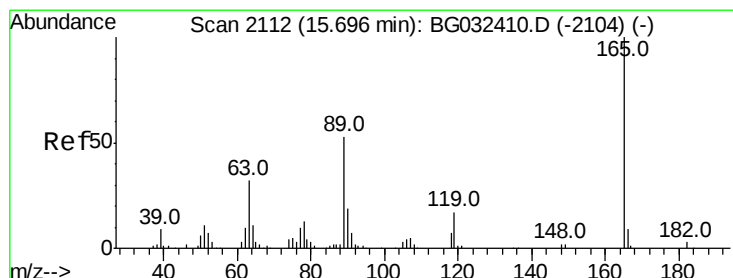
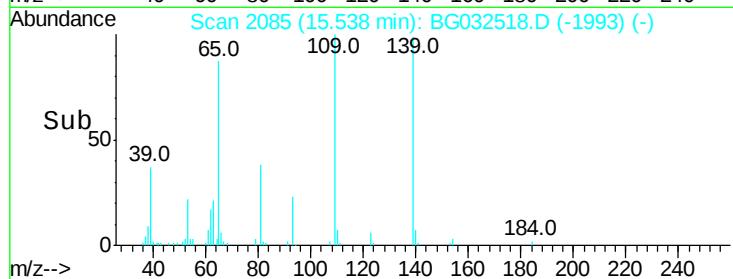
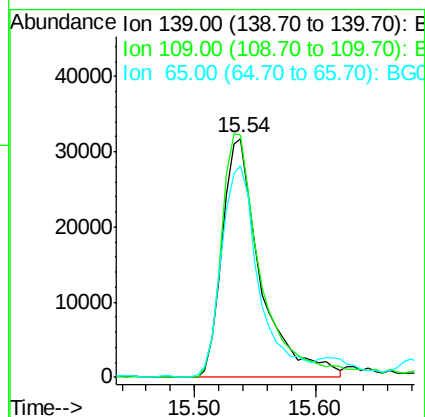
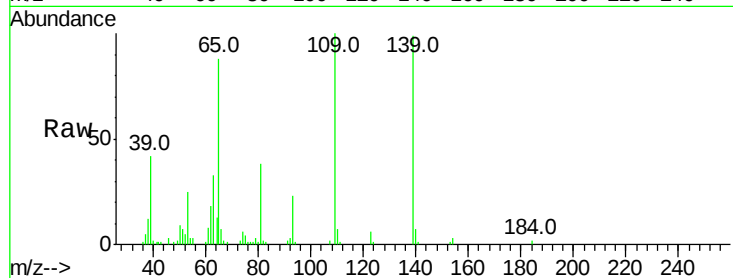
Tot Ion:139 Resp: 69604

Ion Ratio Lower Upper

139 100

109 101.3 62.2 102.2

65 88.9 97.2 137.2#



#56

2,4-Dinitrotoluene

Concen: 42.295 ng

RT: 15.68 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Tgt Ion:165 Resp: 86806

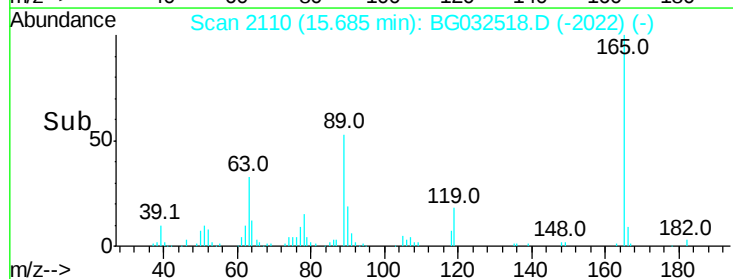
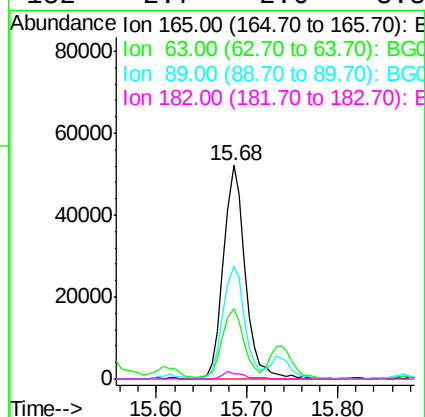
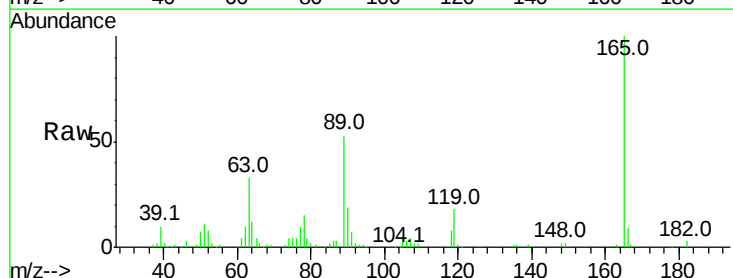
Ion Ratio Lower Upper

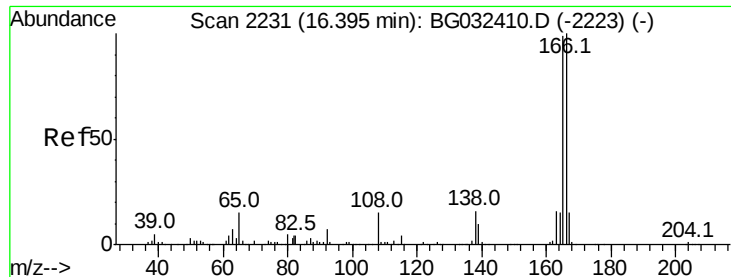
165 100

63 32.9 42.0 63.0#

89 53.0 66.9 100.3#

182 2.7 2.6 3.8





#57

Fluorene

Concen: 39.545 ng

RT: 16.38 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

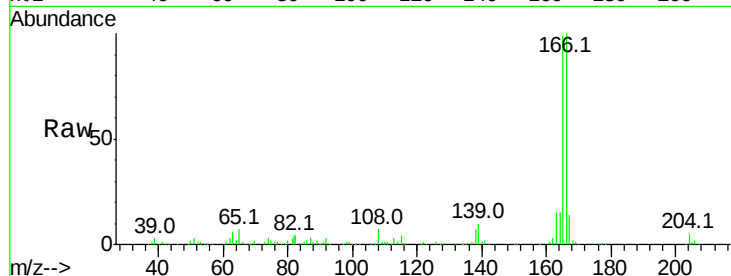
Tot Ion:166 Resp: 251516

Ion Ratio Lower Upper

166 100

165 99.5 80.6 121.0

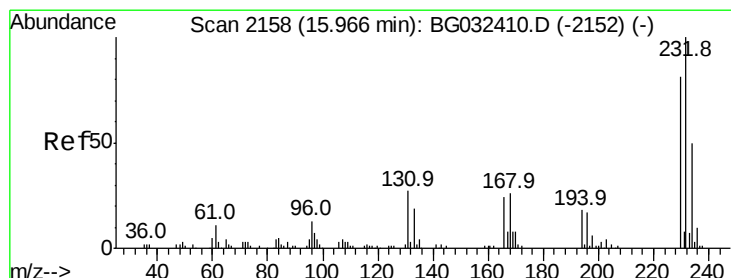
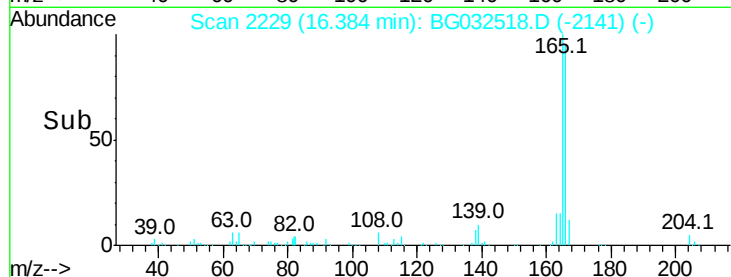
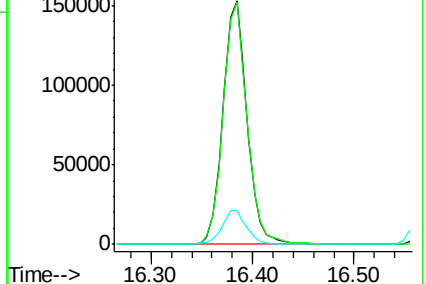
167 13.9 10.4 15.6



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: 44.529 ng

RT: 15.96 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Tgt Ion:232 Resp: 97040

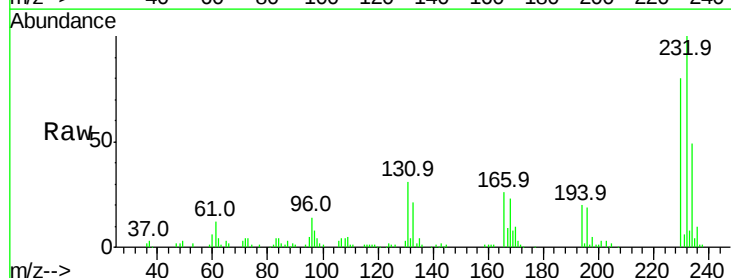
Ion Ratio Lower Upper

232 100

131 30.3 33.5 50.3#

130 2.1 2.2 3.2#

166 24.2 24.8 37.2#

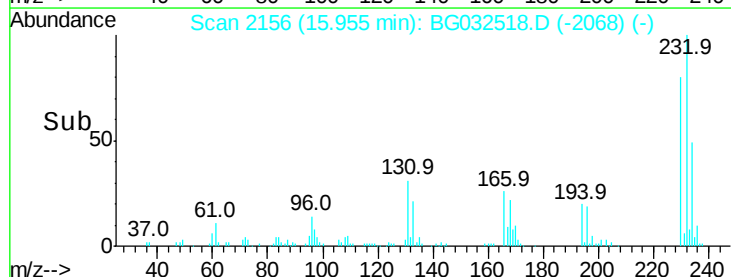
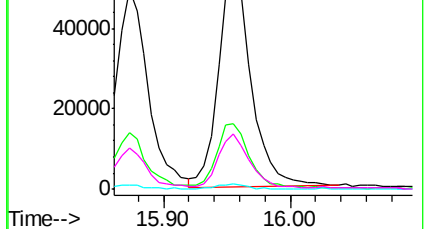


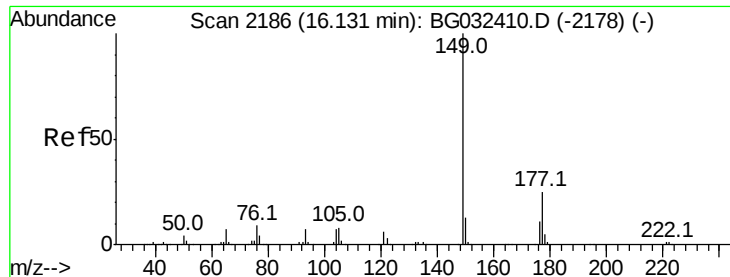
Abundance Ion 232.00 (231.70 to 232.70): E

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

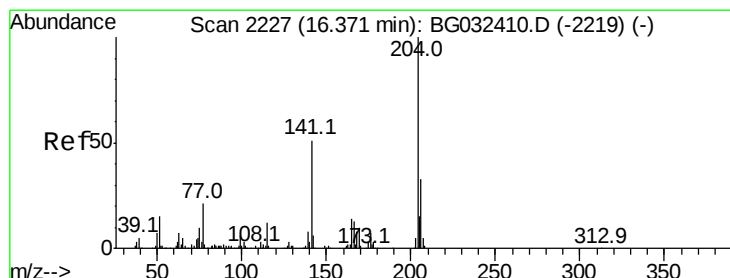
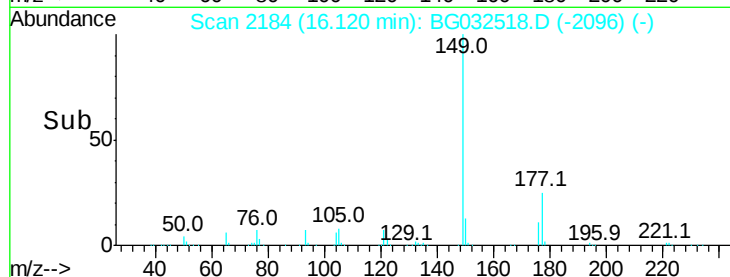
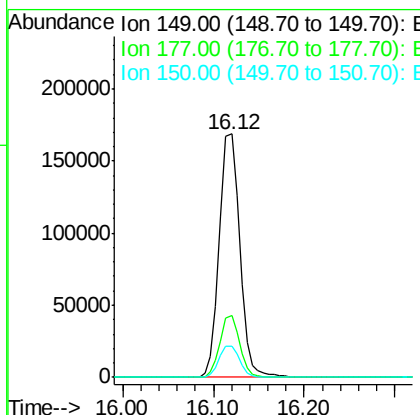
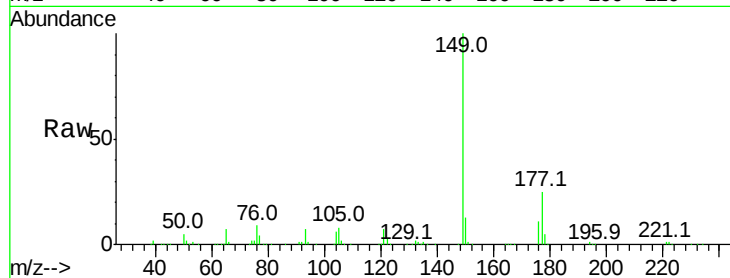




#59
Diethylphthalate
Concen: 39.900 ng
RT: 16.12 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

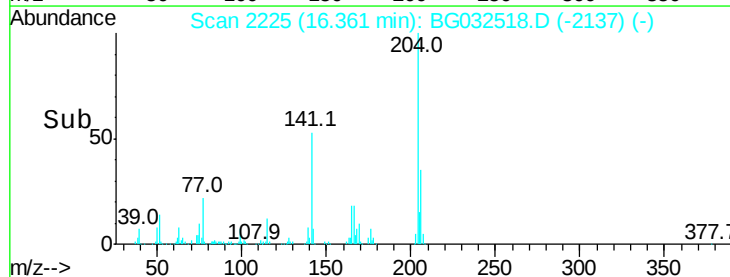
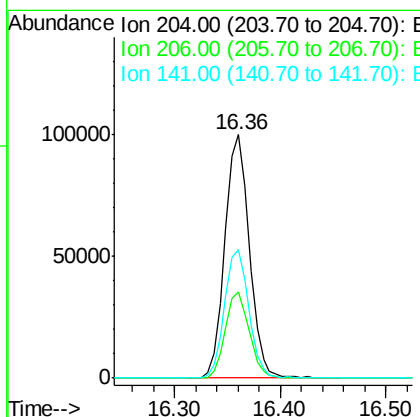
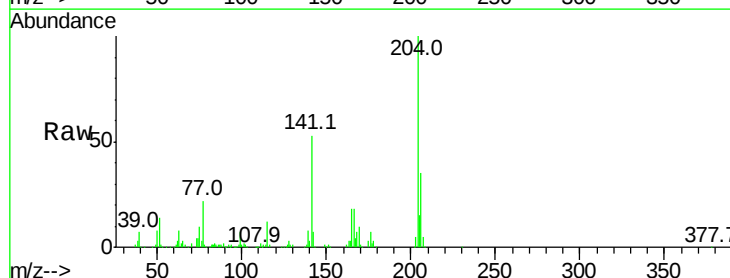
Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 266890
Ion Ratio Lower Upper
149 100
177 25.4 18.5 27.7
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.111 ng
RT: 16.36 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion:204 Resp: 160873
Ion Ratio Lower Upper
204 100
206 35.2 26.2 39.2
141 52.9 45.8 68.6

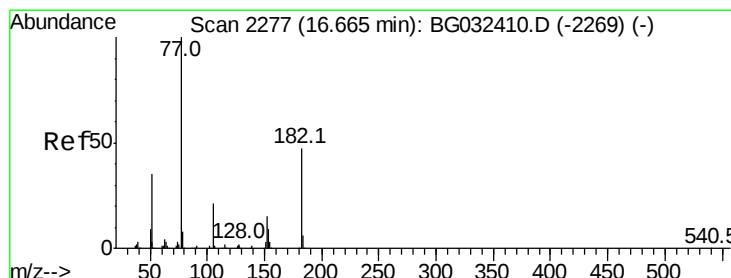
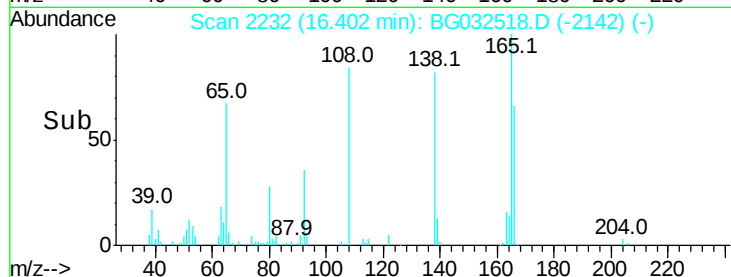
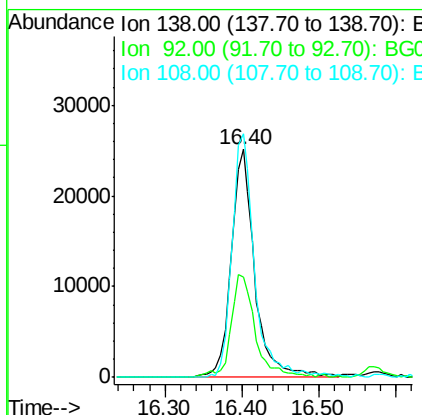
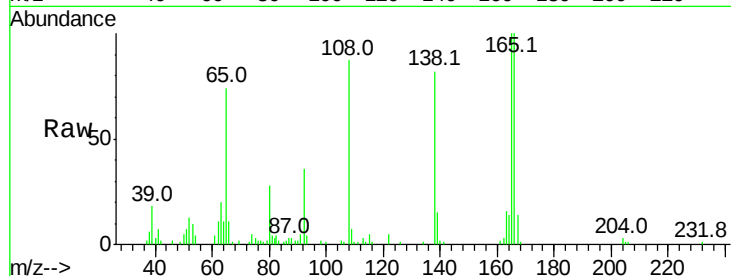




#61
4-Nitroaniline
Concen: 39.871 ng
RT: 16.40 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

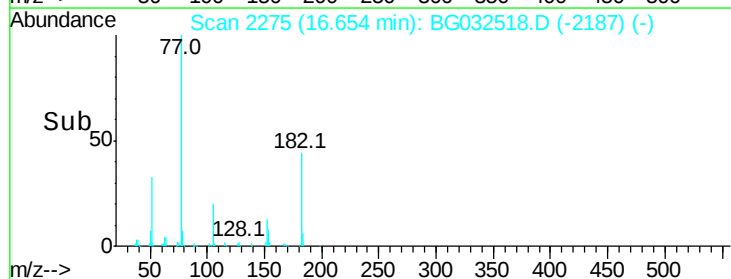
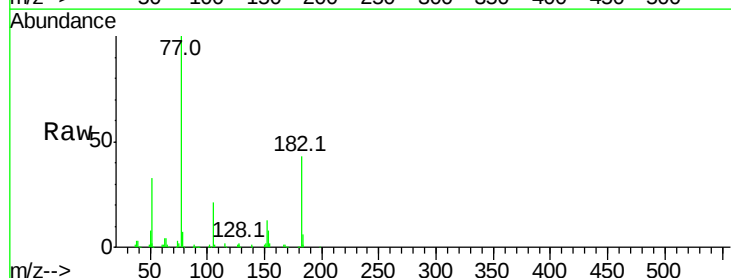
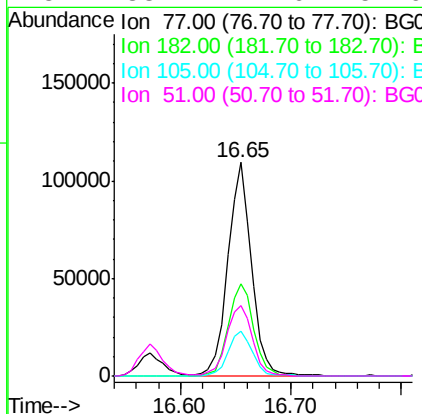
Instrument :
BNA_G
ClientSampleId :

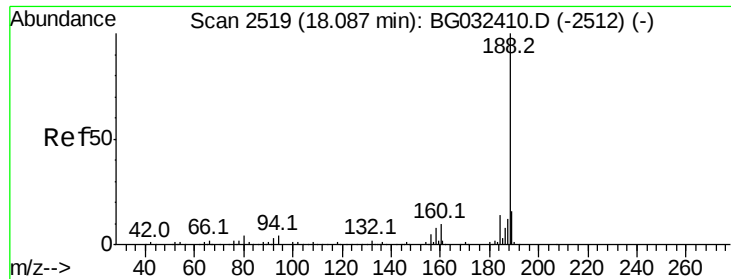
Tot Ion:138 Resp: 53807
Ion Ratio Lower Upper
138 100
92 43.7 40.1 80.1
108 106.8 65.4 105.4#



#62
Azobenzene
Concen: 40.911 ng
RT: 16.65 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion: 77 Resp: 163539
Ion Ratio Lower Upper
77 100
182 43.2 7.4 47.4
105 20.8 0.3 40.3
51 33.2 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.08 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

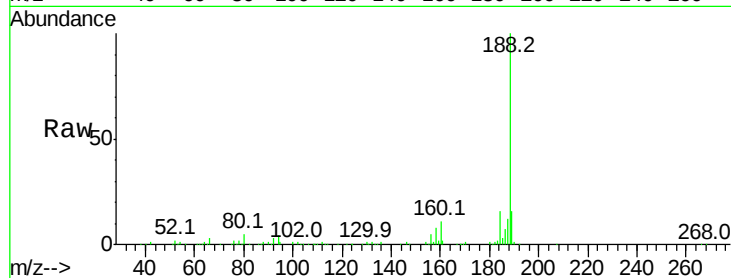
Tot Ion:188 Resp: 211859

Ion Ratio Lower Upper

188 100

94 4.3 6.9 10.3#

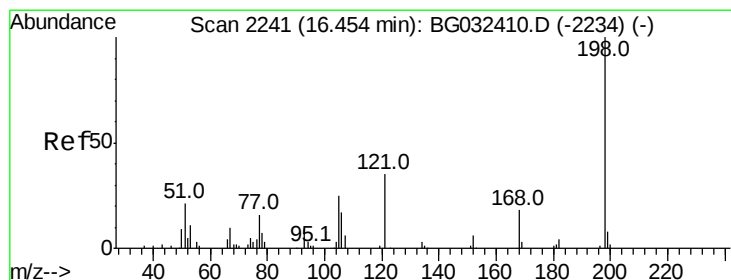
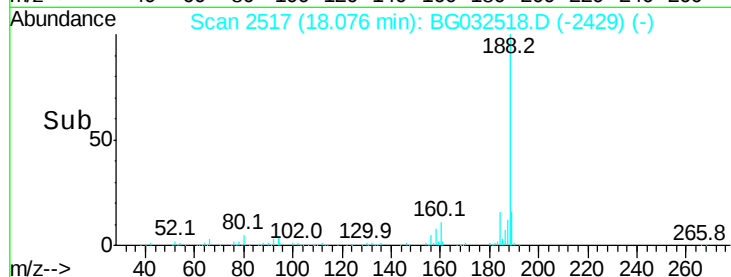
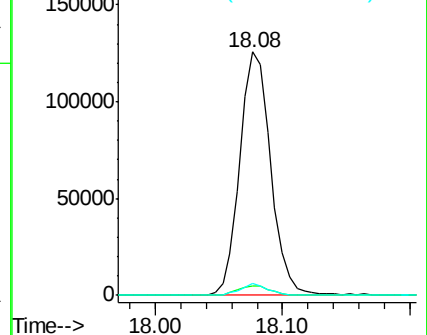
80 4.7 7.7 11.5#



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: 10.572 ng

RT: 16.44 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

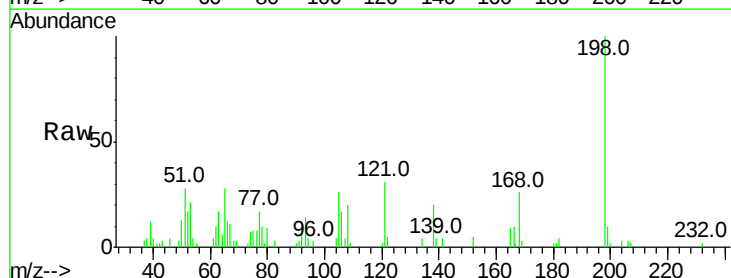
Tgt Ion:198 Resp: 16732

Ion Ratio Lower Upper

198 100

51 28.0 30.6 70.6#

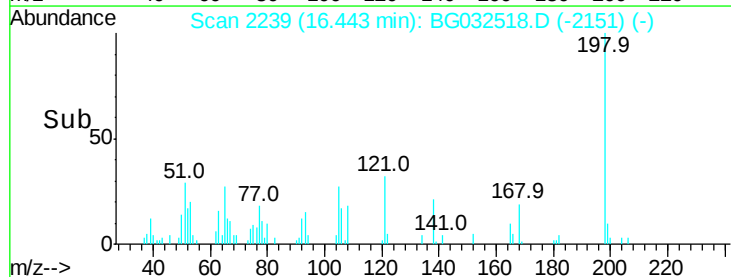
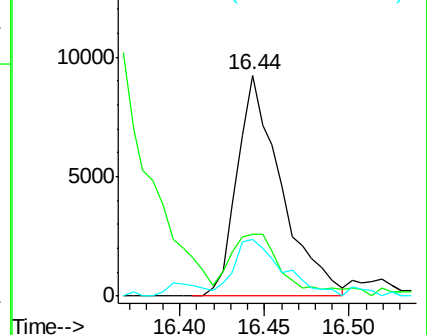
105 25.6 23.8 63.8

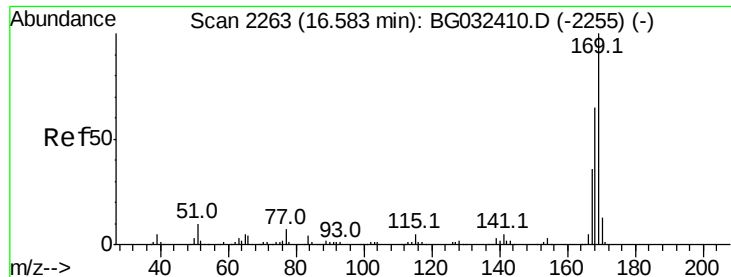


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.006 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

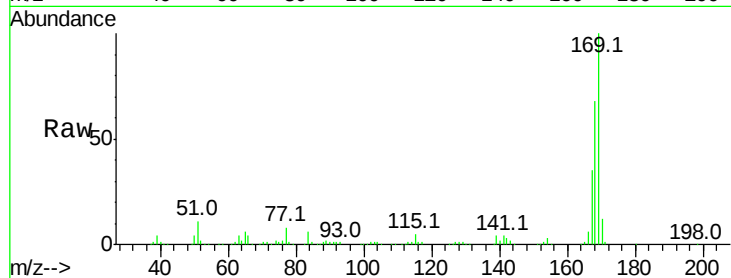
Tot Ion:169 Resp: 240299

Ion Ratio Lower Upper

169 100

168 68.4 55.7 83.5

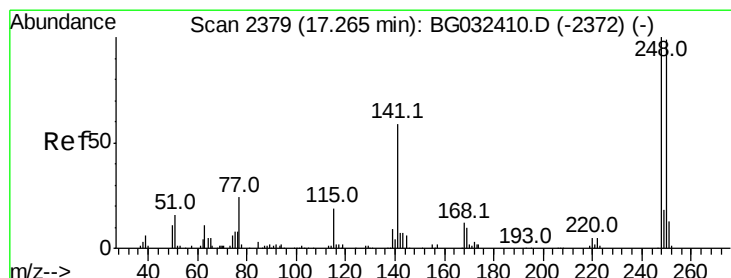
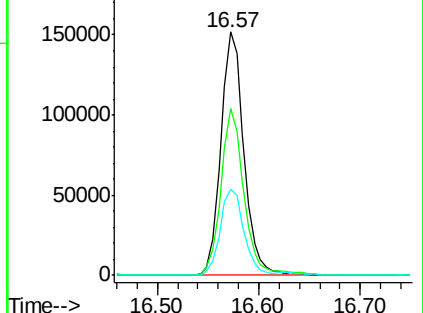
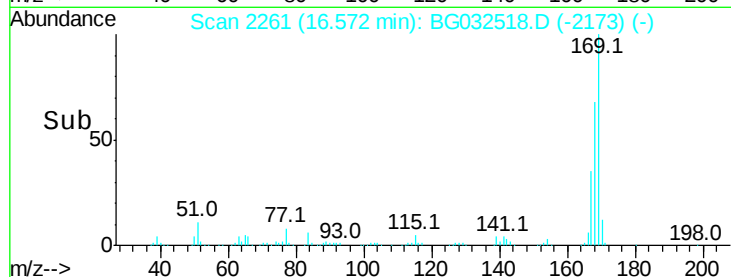
167 35.4 30.1 45.1



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: 37.476 ng

RT: 17.25 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

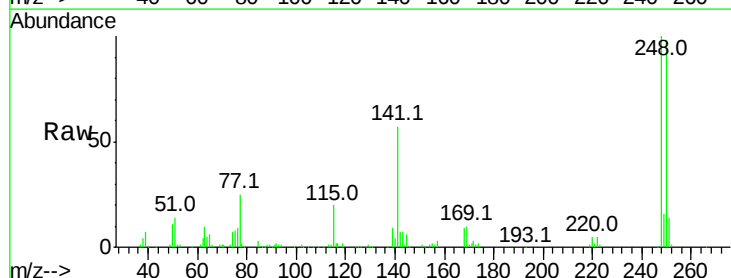
Tgt Ion:248 Resp: 117625

Ion Ratio Lower Upper

248 100

250 98.5 77.1 115.7

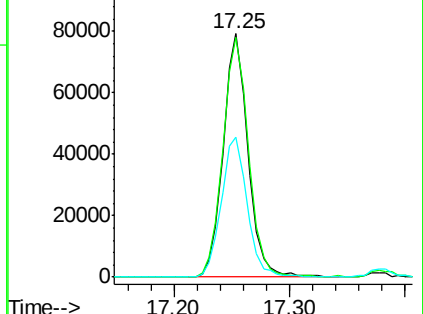
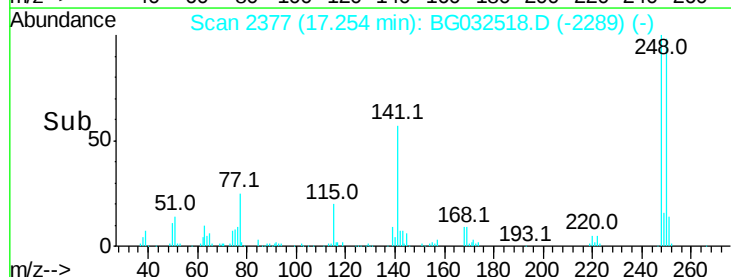
141 57.2 50.8 76.2

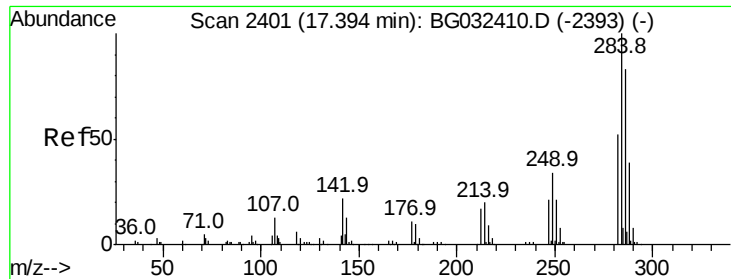


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.028 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

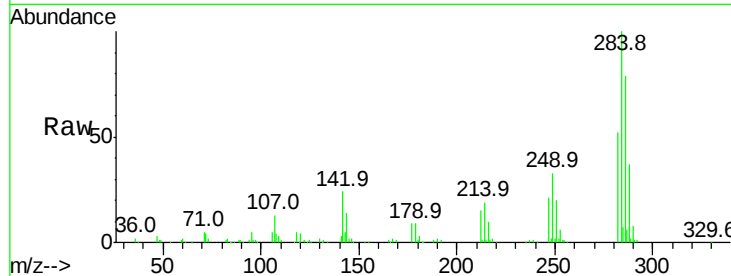
Tot Ion:284 Resp: 128612

Ion Ratio Lower Upper

284 100

142 23.9 26.8 40.2#

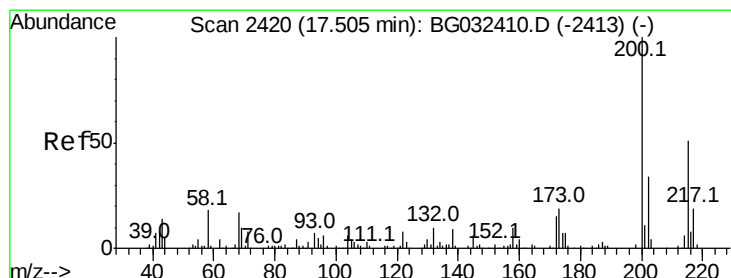
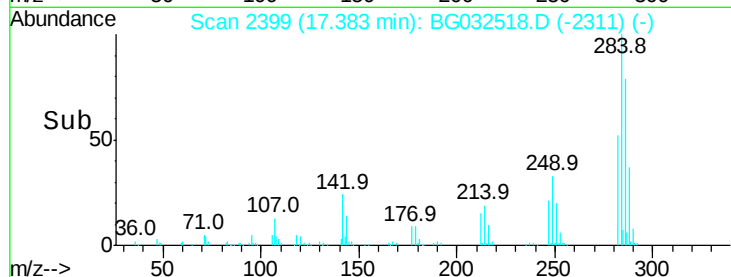
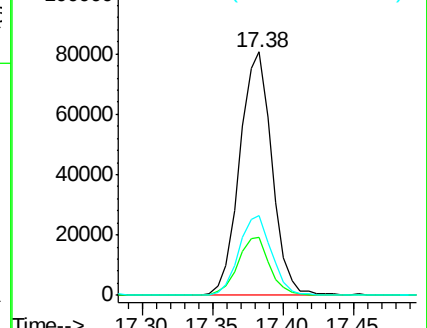
249 32.7 26.3 39.5



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: 43.341 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

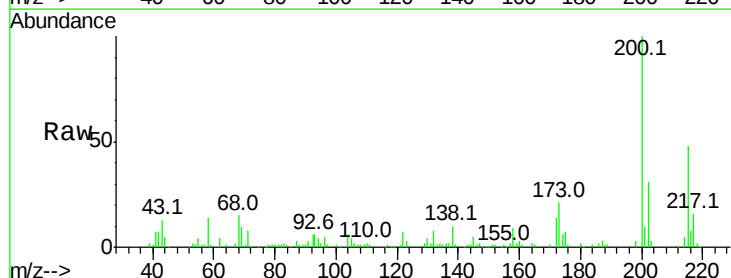
Tgt Ion:200 Resp: 117634

Ion Ratio Lower Upper

200 100

173 20.9 5.2 45.2

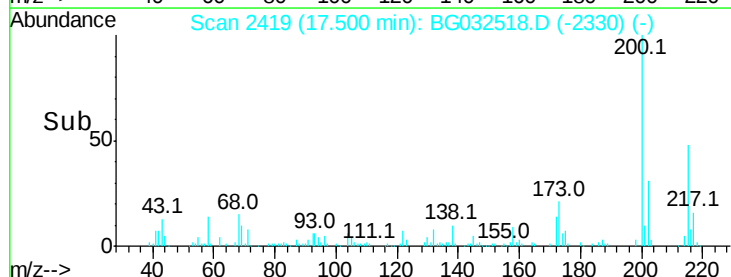
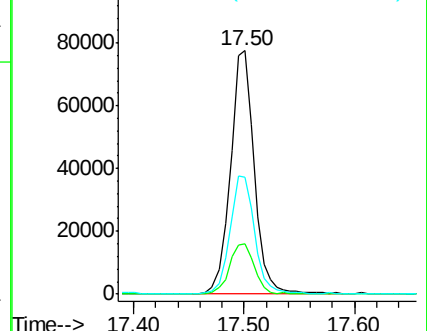
215 48.0 30.4 70.4

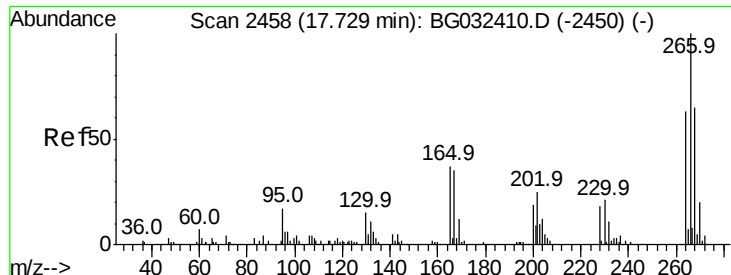


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

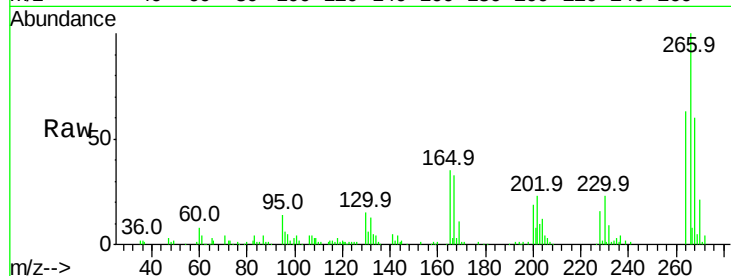




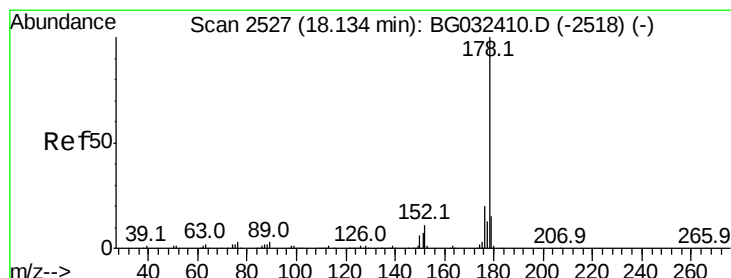
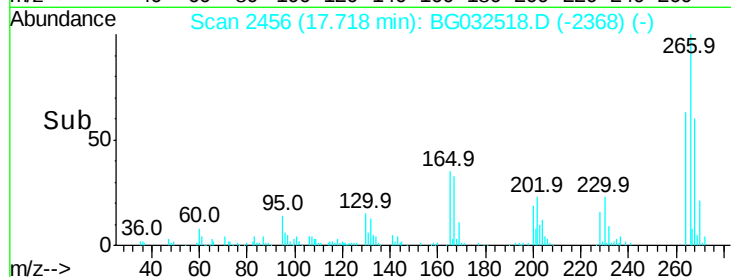
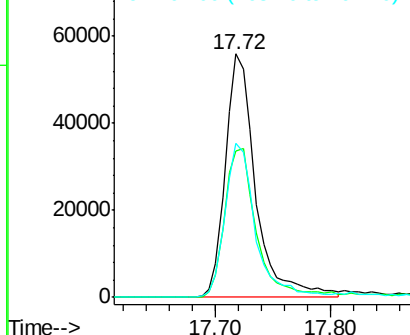
#69
 Pentachlorophenol
 Concen: 46.863 ng
 RT: 17.72 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 101969
 Ion Ratio Lower Upper
 266 100
 268 60.3 51.1 76.7
 264 63.5 49.6 74.4

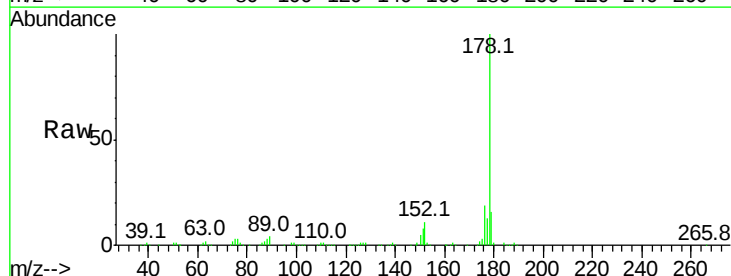


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

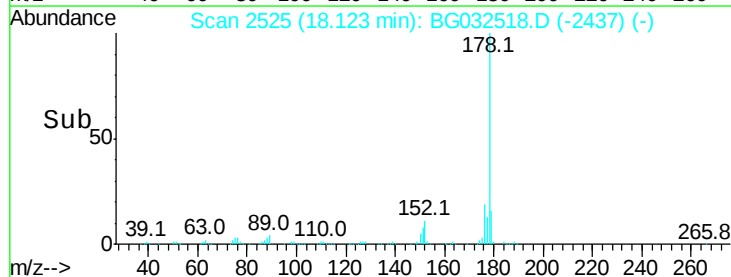
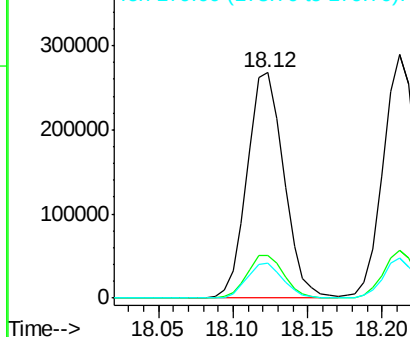


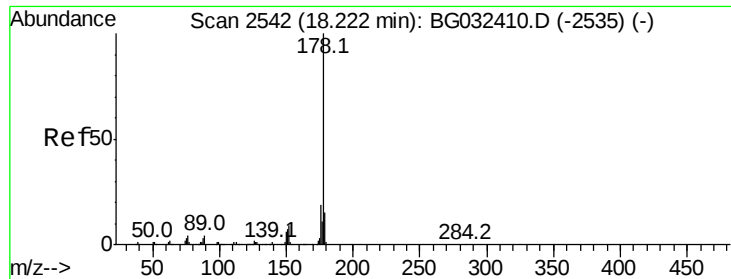
#70
 Phenanthrene
 Concen: 38.582 ng
 RT: 18.12 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Tgt Ion:178 Resp: 455839
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.7 23.5
 179 15.6 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: 39.749 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

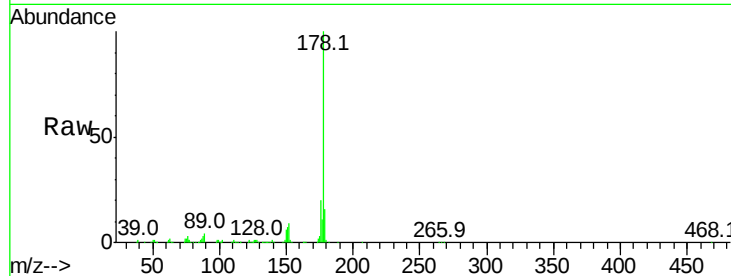
Tot Ion:178 Resp: 467610

Ion Ratio Lower Upper

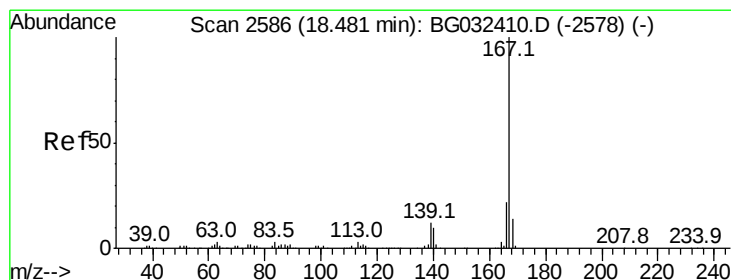
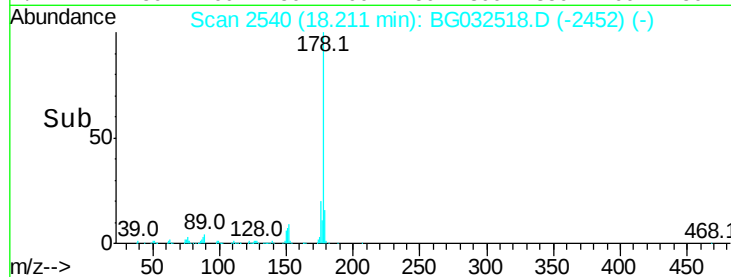
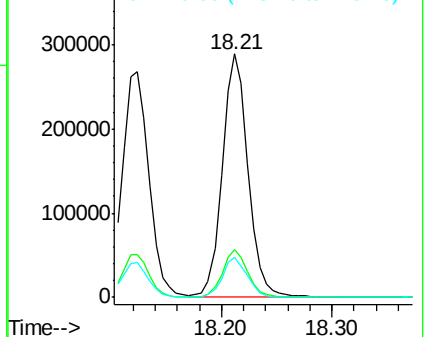
178 100

176 19.6 16.0 24.0

179 16.4 12.5 18.7



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



#72

Carbazole

Concen: 39.246 ng

RT: 18.48 min Scan# 2585

Delta R.T. -0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

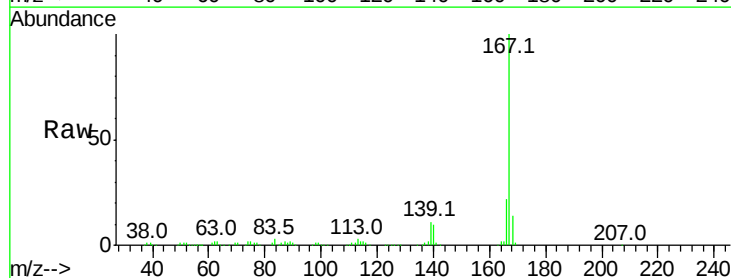
Tgt Ion:167 Resp: 407934

Ion Ratio Lower Upper

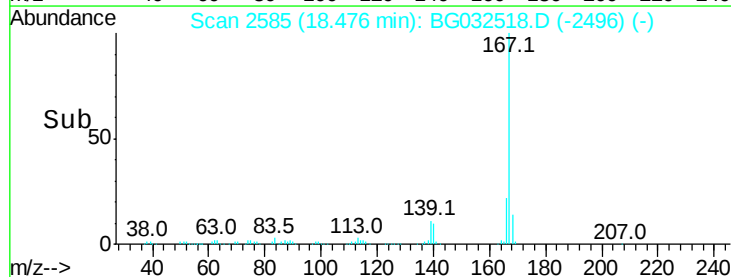
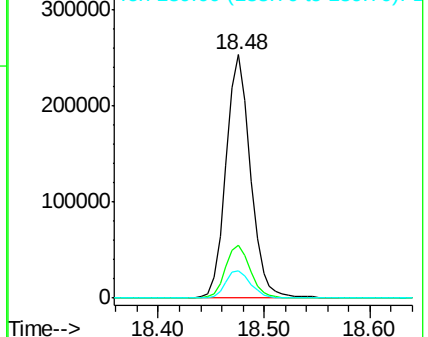
167 100

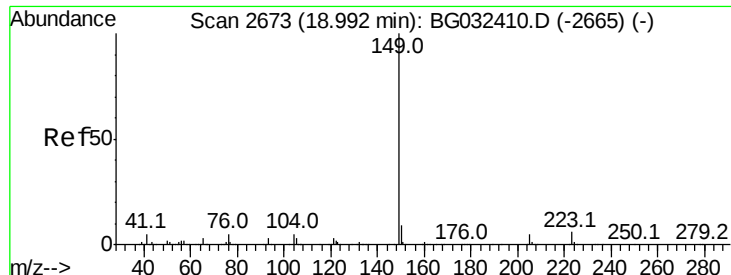
166 21.7 18.2 27.4

139 11.3 9.4 14.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E

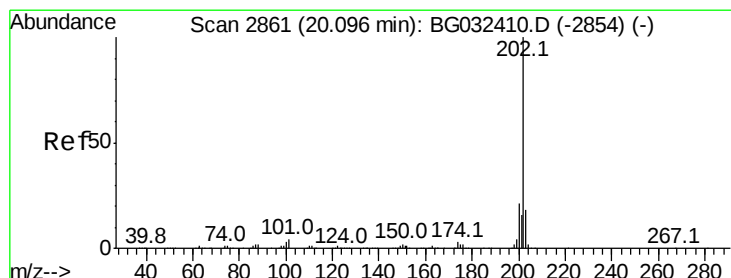
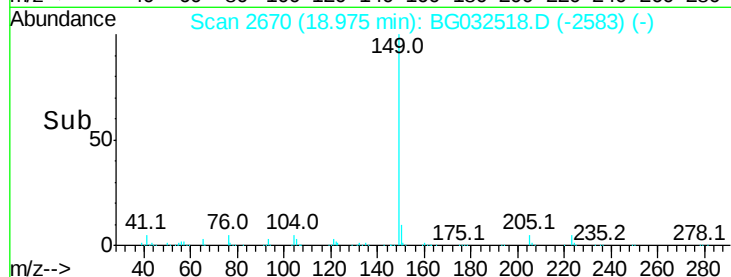
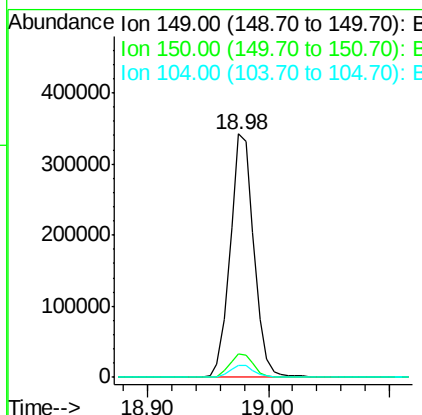
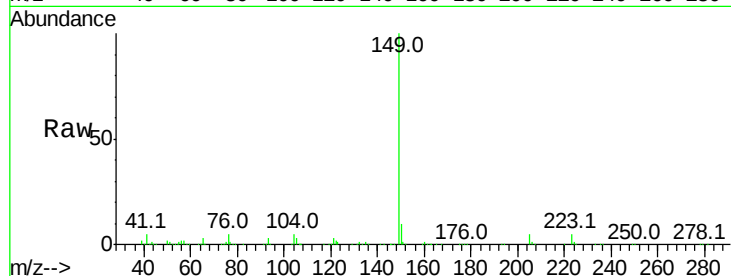




#73
Di-n-butylphthalate
Concen: 40.566 ng
RT: 18.98 min Scan# 2670
Delta R.T. -0.02 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

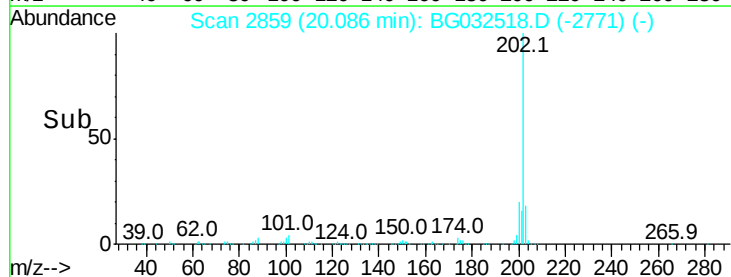
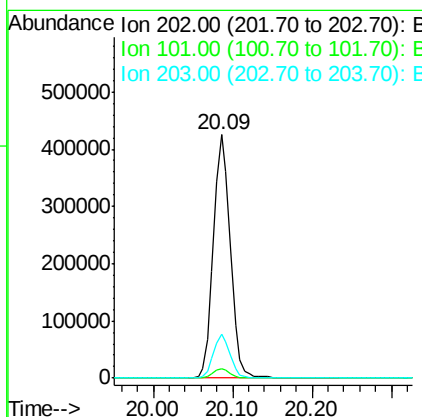
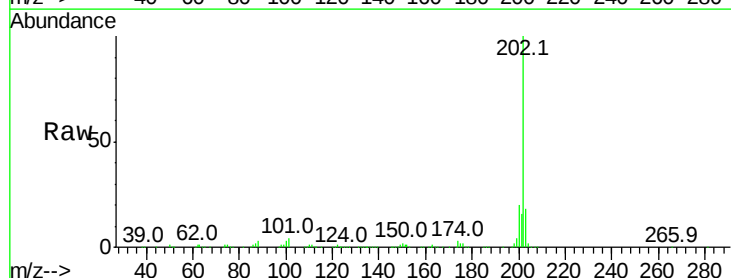
Instrument :
BNA_G
ClientSampleId :

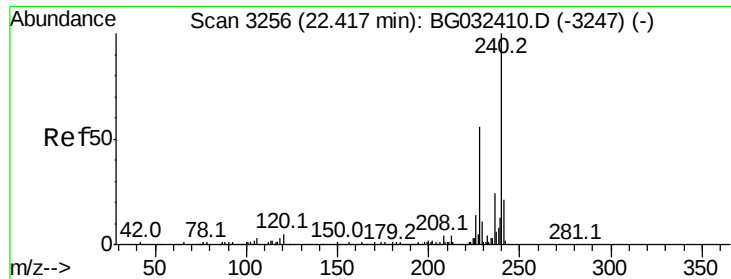
Tot Ion:149 Resp: 466834
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.9 3.9 5.9



#74
Fluoranthene
Concen: 40.615 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion:202 Resp: 629289
Ion Ratio Lower Upper
202 100
101 4.1 0.0 28.9
203 18.0 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: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

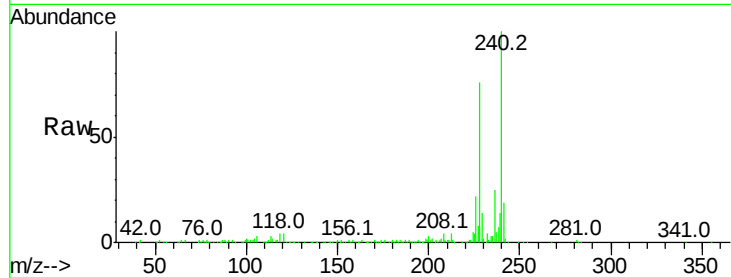
Tot Ion:240 Resp: 273657

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

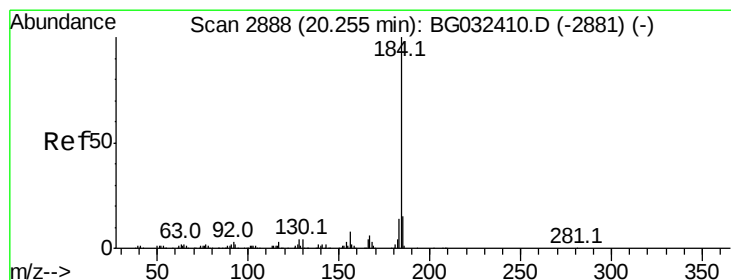
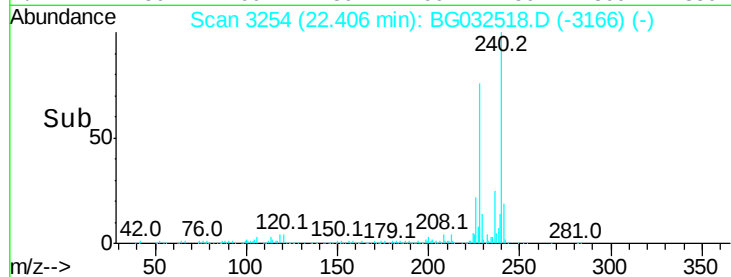
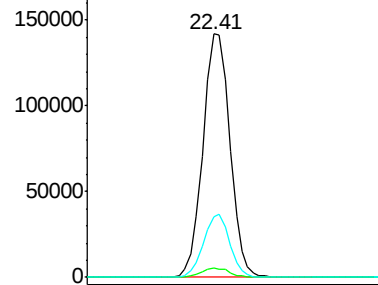
236 24.8 20.9 31.3



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: 41.431 ng

RT: 20.25 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

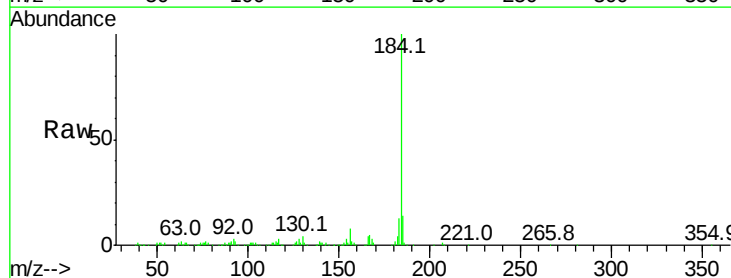
Tgt Ion:184 Resp: 222631

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

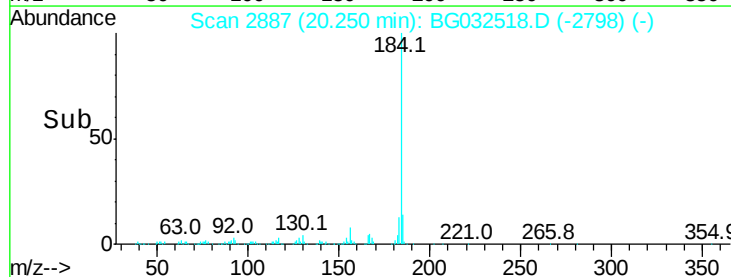
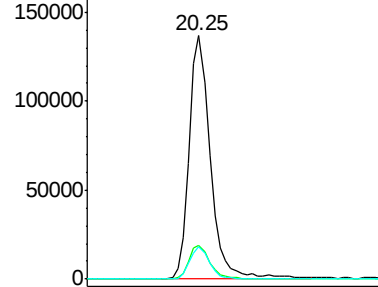
183 13.1 10.6 16.0

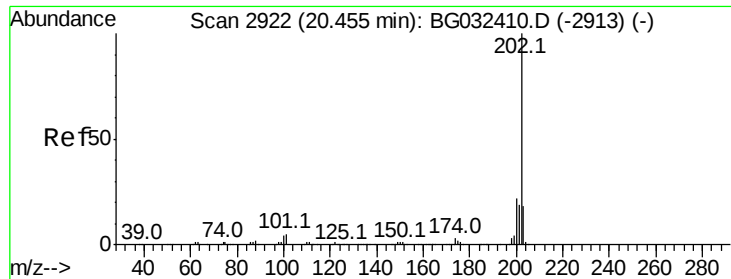


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.893 ng

RT: 20.44 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

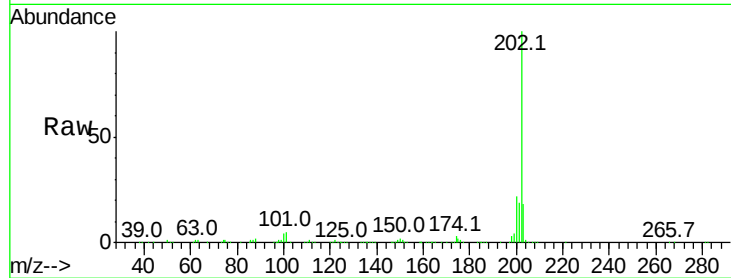
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 636013

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	17.9	13.9	20.9

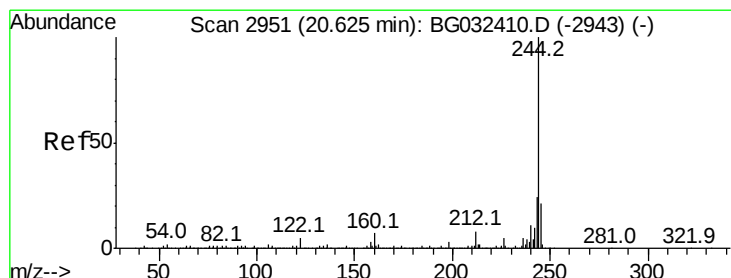
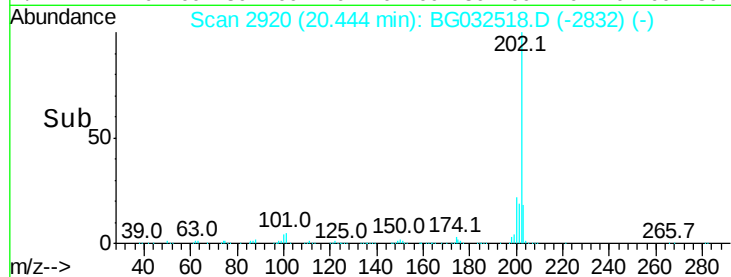
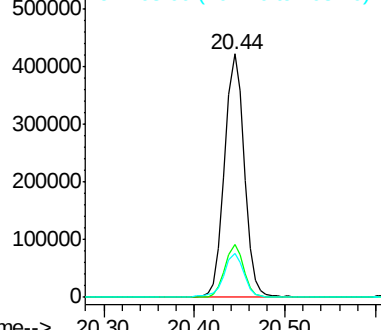


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.908 ng

RT: 20.61 min Scan# 2949

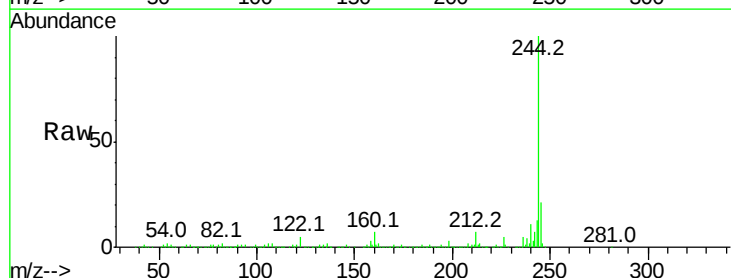
Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Tgt Ion:244 Resp: 1059175

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	5.3	7.0	10.4#

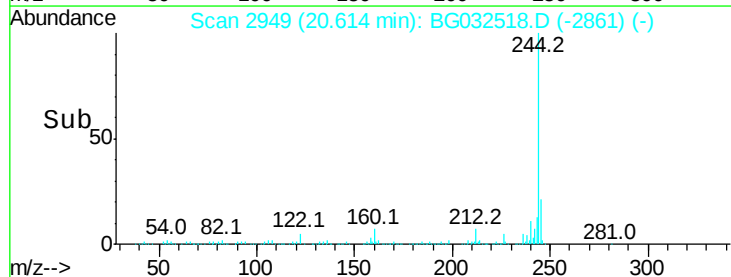
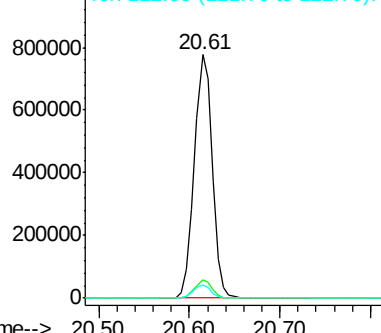


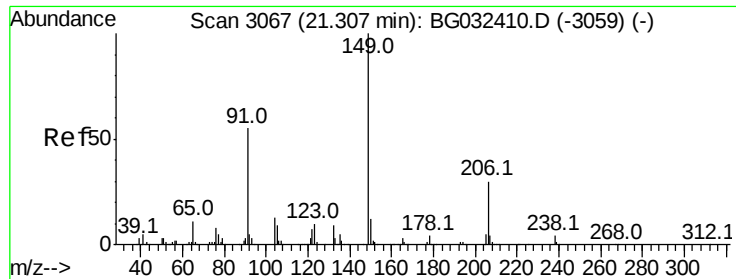
Abundance

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

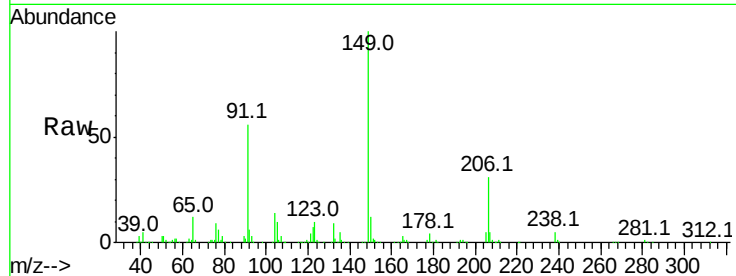




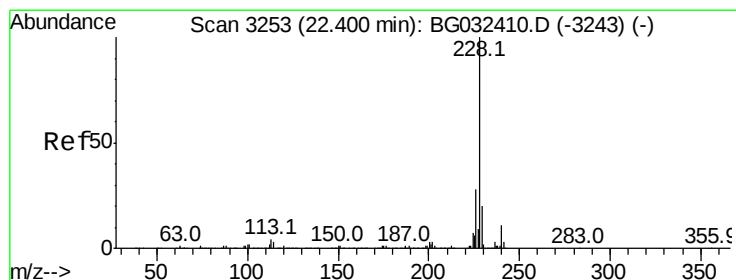
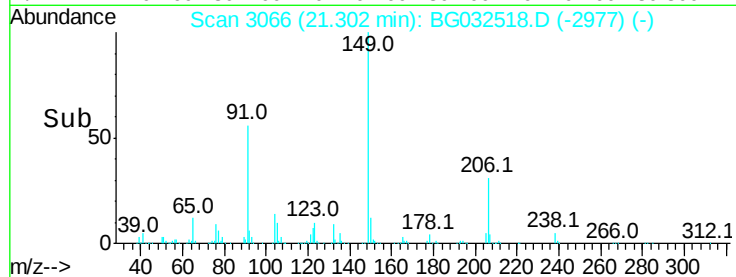
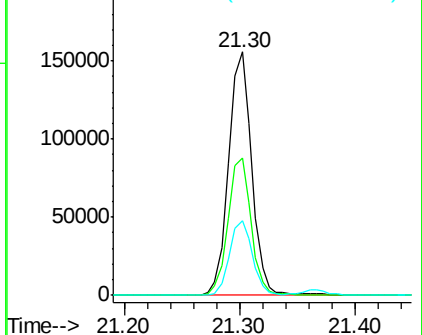
#79
Butylbenzylphthalate
Concen: 40.956 ng
RT: 21.30 min Scan# 3066
Delta R.T. -0.00 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 216830
Ion Ratio Lower Upper
149 100
91 56.2 62.2 93.2#
206 30.7 18.6 27.8#

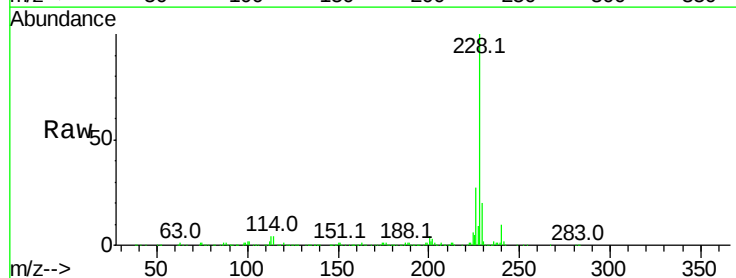


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

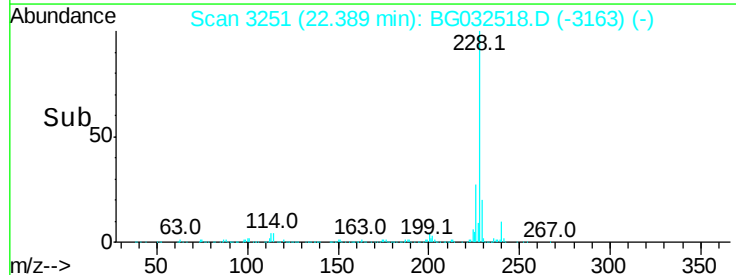
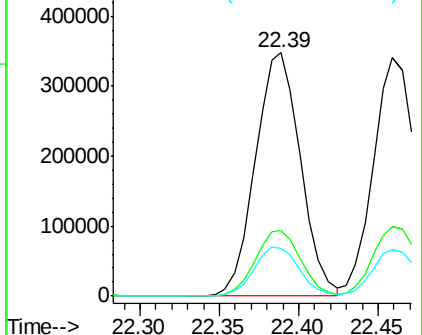


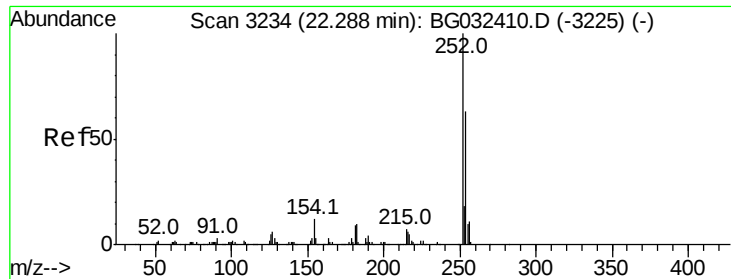
#80
Benzo(a)anthracene
Concen: 40.372 ng
RT: 22.39 min Scan# 3251
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion:228 Resp: 684928
Ion Ratio Lower Upper
228 100
226 26.8 22.7 34.1
229 19.8 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

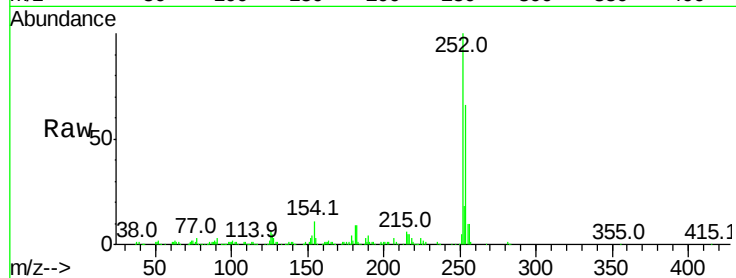




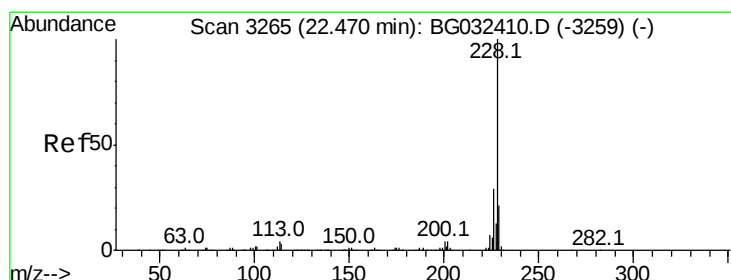
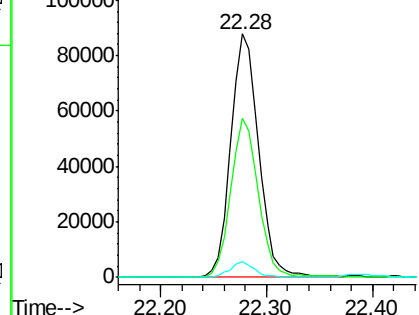
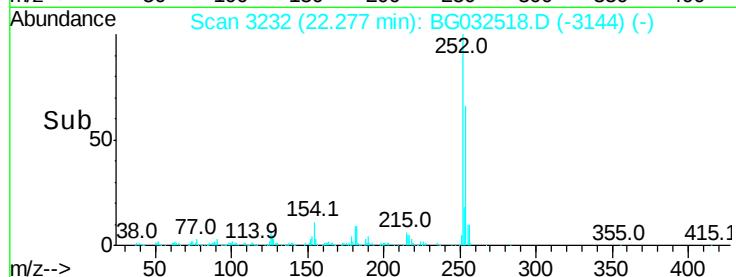
#81
 3,3'-Dichlorobenzidine
 Concen: 24.335 ng
 RT: 22.28 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.8	76.2
126	6.2	7.4	11.2#

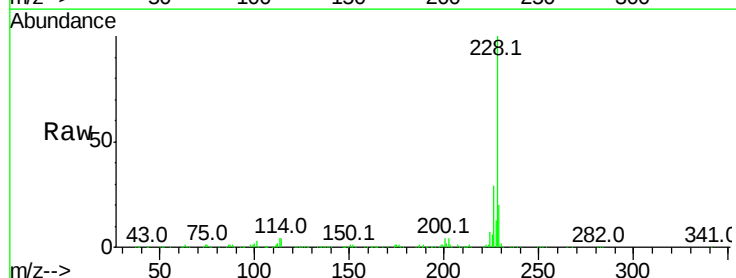


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

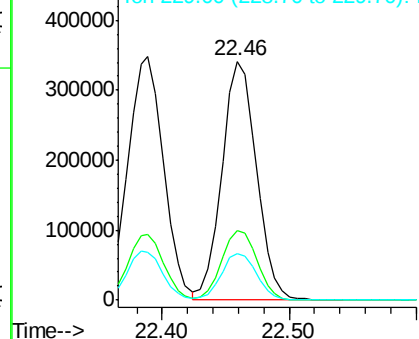
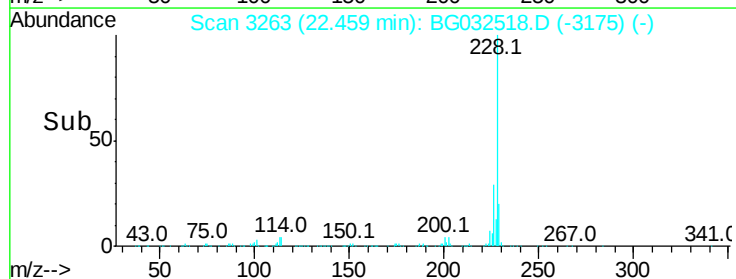


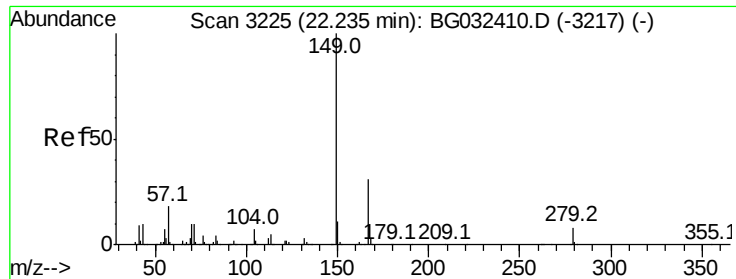
#82
 Chrysene
 Concen: 39.181 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	19.7	15.0	22.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

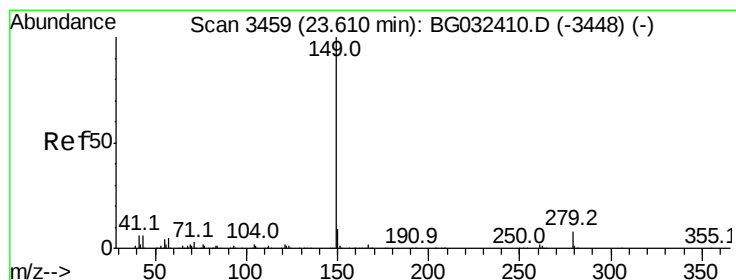
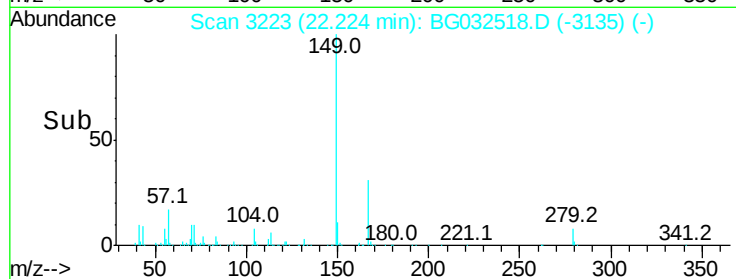
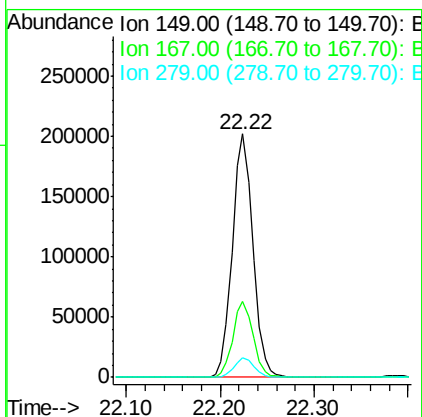
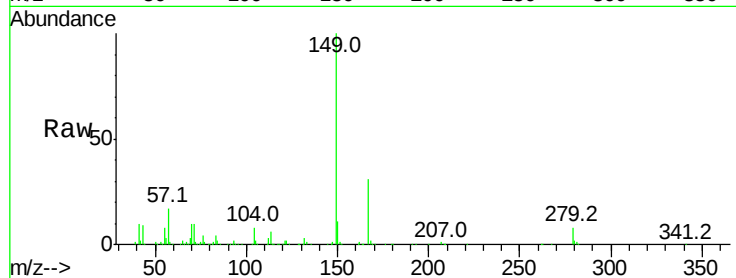




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.908 ng
 RT: 22.22 min Scan# 3223
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

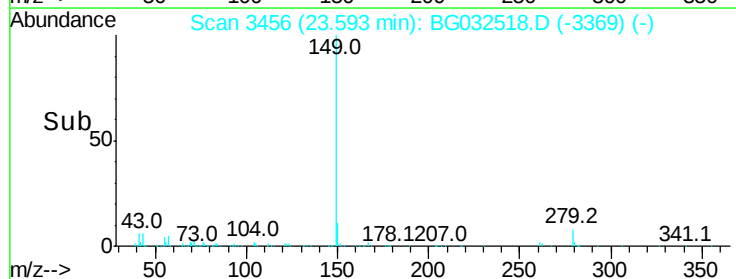
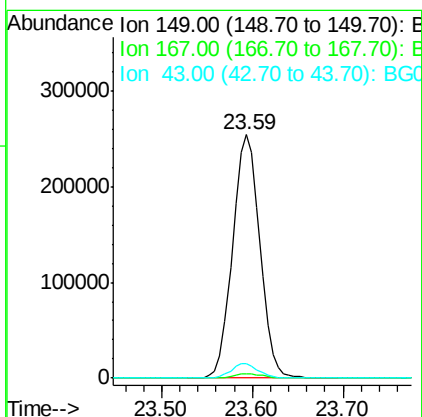
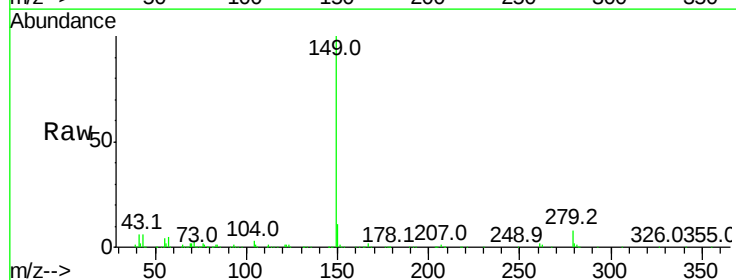
Instrument :
 BNA_G
 ClientSampleId :

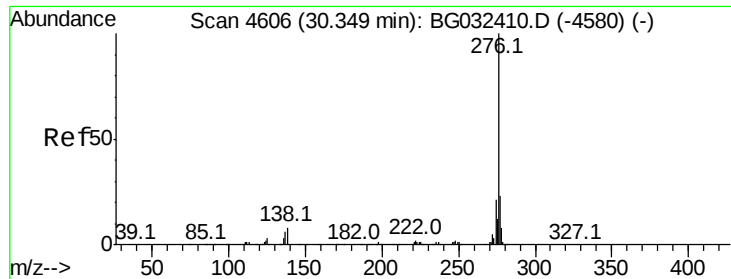
Tot Ion:149 Resp: 307083
 Ion Ratio Lower Upper
 149 100
 167 31.0 24.3 36.5
 279 8.2 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 44.606 ng
 RT: 23.59 min Scan# 3456
 Delta R.T. -0.02 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Tgt Ion:149 Resp: 531096
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.0
 43 6.0 8.9 13.3#

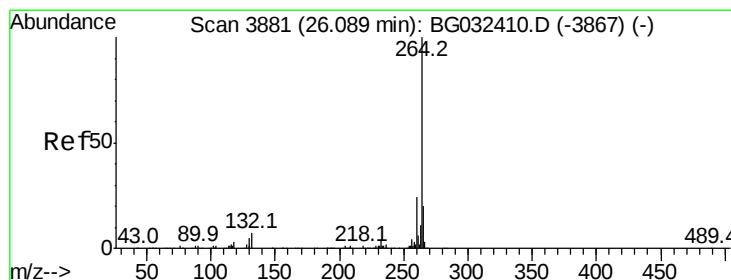
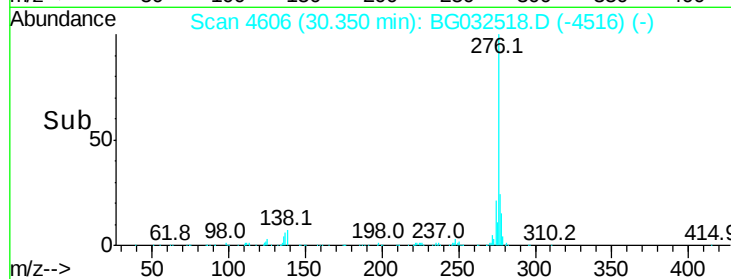
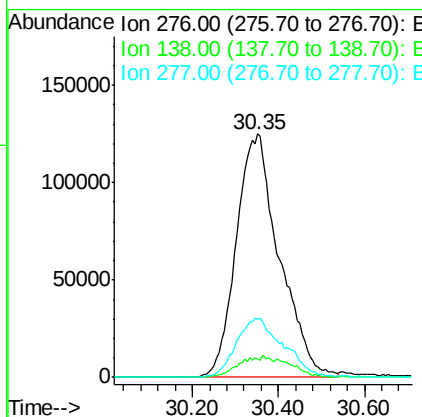
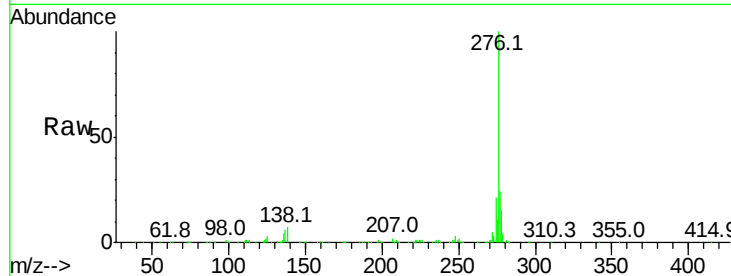




#85
Indeno(1,2,3-cd)pyrene
Concen: 42.255 ng
RT: 30.35 min Scan# 4606
Delta R.T. 0.00 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

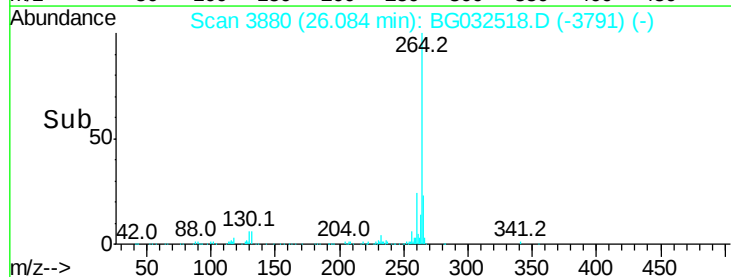
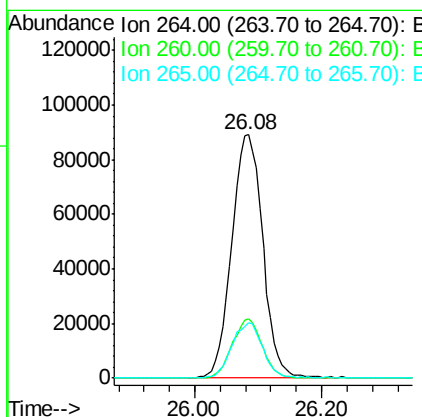
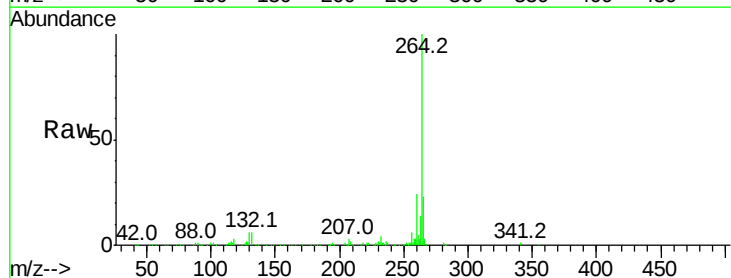
Instrument :
BNA_G
ClientSampleId :

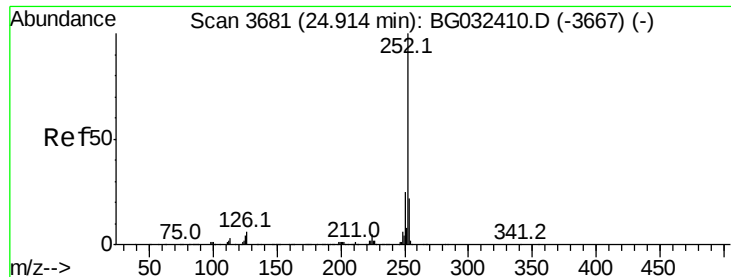
Tot Ion:276 Resp: 875797
Ion Ratio Lower Upper
276 100
138 4.5 16.0 24.0#
277 26.3 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.08 min Scan# 3880
Delta R.T. -0.00 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion:264 Resp: 302334
Ion Ratio Lower Upper
264 100
260 24.2 17.4 26.0
265 22.5 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 40.565 ng

RT: 24.90 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

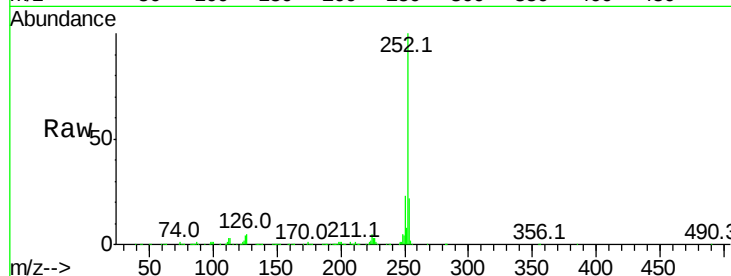
Tot Ion:252 Resp: 741024

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

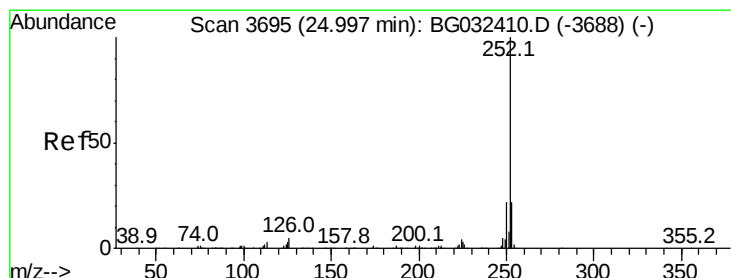
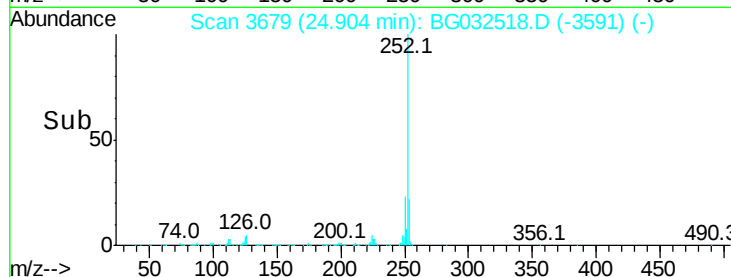
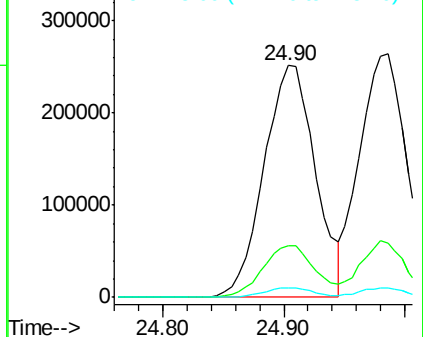
125 3.8 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.500 ng

RT: 24.99 min Scan# 3693

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

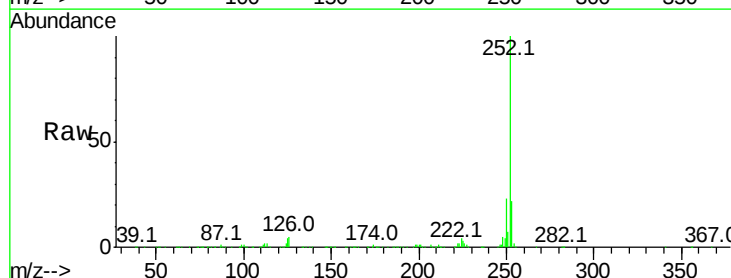
Tgt Ion:252 Resp: 714805

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

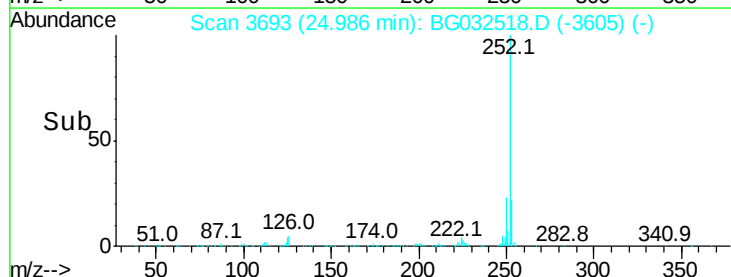
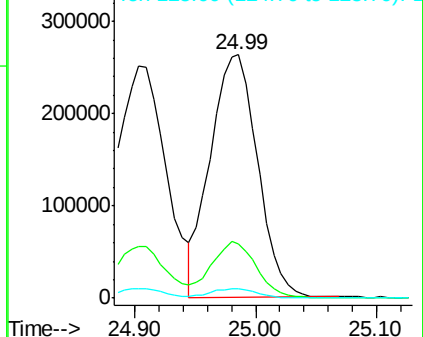
125 3.7 6.6 9.8#

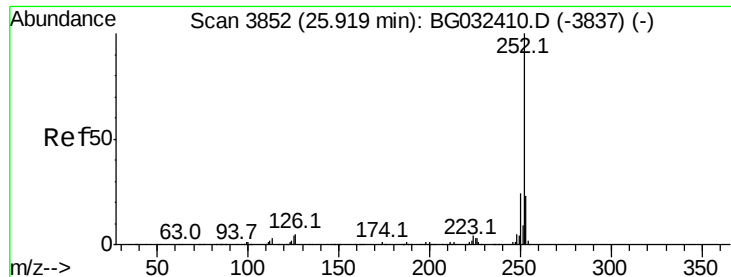


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.265 ng

RT: 25.91 min Scan# 3851

Delta R.T. -0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

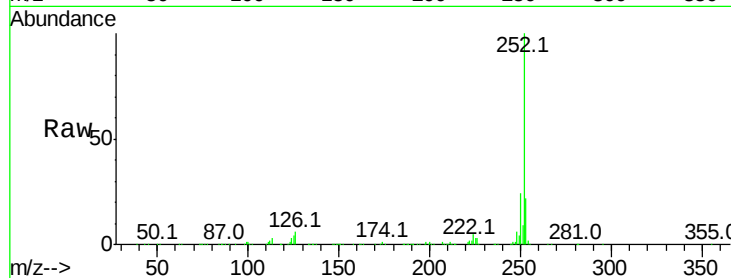
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 718655

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	4.5	7.3	10.9#

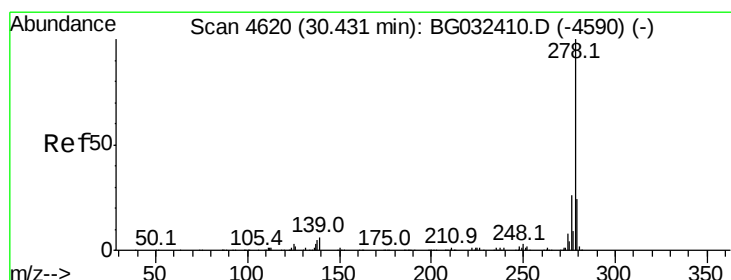
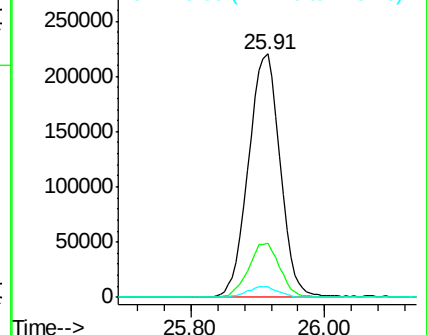
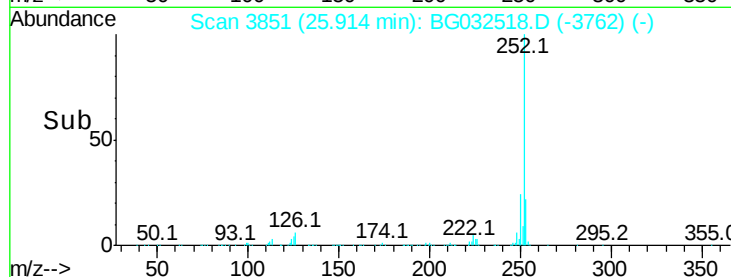


Abundance

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: 40.884 ng

RT: 30.41 min Scan# 4617

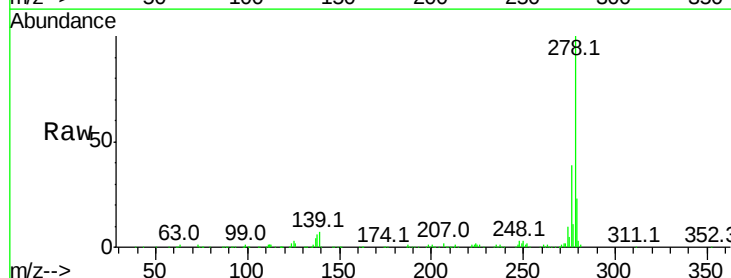
Delta R.T. -0.02 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Tgt Ion:278 Resp: 728383

Ion	Ratio	Lower	Upper
278	100		
139	6.7	9.8	14.6#
279	23.2	18.4	27.6

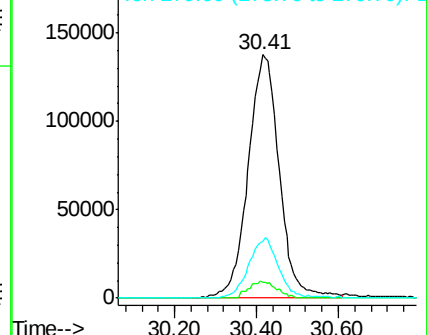
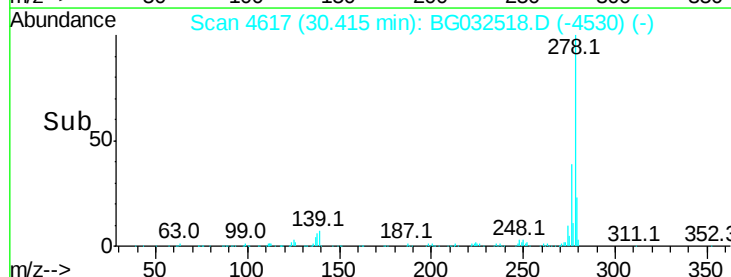


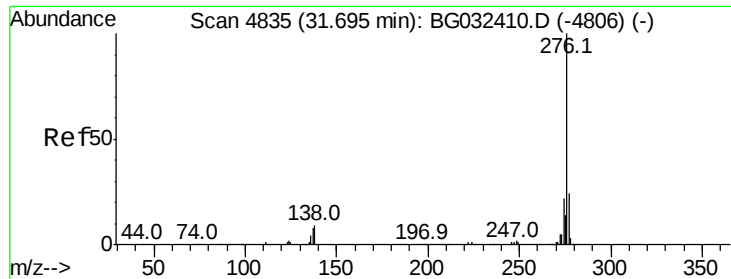
Abundance

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: 40.811 ng

RT: 31.68 min Scan# 4832

Delta R.T. -0.02 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

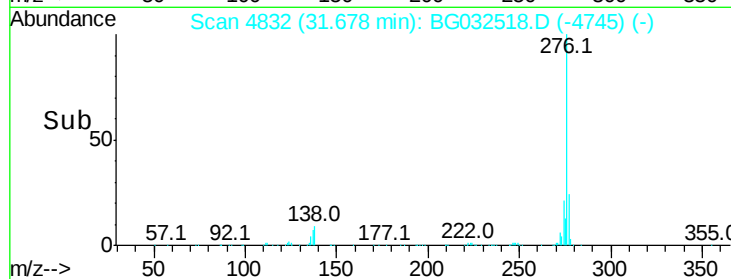
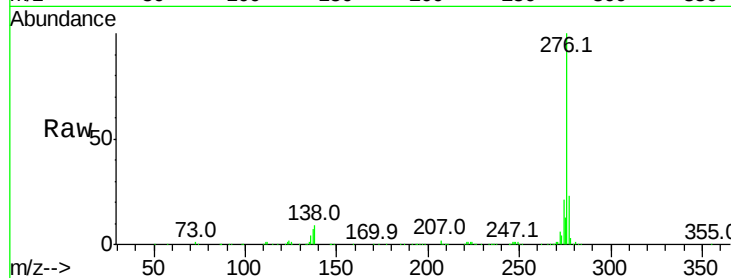
Tot Ion:276 Resp: 721691

Ion Ratio Lower Upper

276 100

277 23.5 18.3 27.5

138 8.7 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

