

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034958.D
 Acq On : 7 Jun 2018 18:44
 Operator : SJ/JU
 Sample : J3241-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 04:32:28 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40277	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	154113	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	104802	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	277918	20.00	ng	0.00
75) Chrysene-d12	21.73	240	290836	20.00	ng	0.00
86) Perylene-d12	24.97	264	282080	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	330307	138.40	ng	0.00
7) Phenol-d6	7.24	99	466333	132.39	ng	0.00
23) Nitrobenzene-d5	9.25	82	335090	103.35	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	214164	159.63	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	732546	90.87	ng	0.00
78) Terphenyl-d14	20.06	244	1316331	94.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	41661	36.59	ng	# 73
3) Pyridine	3.97	79	95742	31.16	ng	# 76
4) n-Nitrosodimethylamine	3.88	42	53395	40.45	ng	# 86
6) Aniline	7.41	93	54437	11.96	ng	99
8) 2-Chlorophenol	7.65	128	113024	45.18	ng	98
9) Benzaldehyde	7.22	77	32618	12.02	ng	98
10) Phenol	7.26	94	154570	42.40	ng	91
11) bis(2-Chloroethyl)ether	7.50	93	116694	41.24	ng	91
12) 1,3-Dichlorobenzene	7.97	146	132025	44.23	ng	94
13) 1,4-Dichlorobenzene	8.12	146	130749	42.43	ng	99
14) 1,2-Dichlorobenzene	8.44	146	124729	43.09	ng	92
15) Benzyl Alcohol	8.32	79	149145	44.68	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.61	45	140831	50.01	ng	78
17) 2-Methylphenol	8.51	107	114832	47.78	ng	# 87
18) Hexachloroethane	9.16	117	49216	44.62	ng	99
19) n-Nitroso-di-n-propylamine	8.89	70	118113	39.47	ng	# 86
20) 3+4-Methylphenols	8.84	107	155835	45.24	ng	89
22) Acetophenone	8.91	105	207593	43.48	ng	# 92
24) Nitrobenzene	9.29	77	169154	50.95	ng	93
25) Isophorone	9.81	82	332343	48.55	ng	98
26) 2-Nitrophenol	9.99	139	61235	53.51	ng	# 89
27) 2,4-Dimethylphenol	10.05	122	126143	52.44	ng	92
28) bis(2-Chloroethoxy)methane	10.29	93	170658	46.39	ng	96
29) 2,4-Dichlorophenol	10.53	162	135323	51.70	ng	94
30) 1,2,4-Trichlorobenzene	10.75	180	145213	46.27	ng	98
31) Naphthalene	10.94	128	368754	46.06	ng	99
32) Benzoic acid	10.18	122	74176	46.04	ng	91
34) Hexachlorobutadiene	11.23	225	115148	47.18	ng	98
35) Caprolactam	11.81	113	21349	22.07	ng	# 67
36) 4-Chloro-3-methylphenol	12.15	107	164647	50.46	ng	96
37) 2-Methylnaphthalene	12.54	142	290466	47.85	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	203423	52.11	ng	99
40) Hexachlorocyclopentadiene	12.89	237	267597	109.31	ng	91
42) 2,4,6-Trichlorophenol	13.21	196	130591	55.87	ng	96

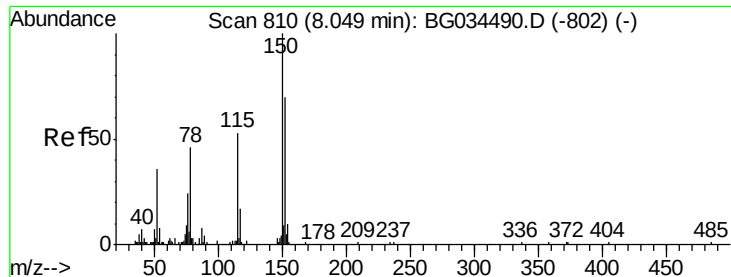
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034958.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.21	196	130591	50.90	nq	97
45) 1,1'-Biphenyl	13.55	154	399358	47.39	nq	98
46) 2-Chloronaphthalene	13.58	162	314383	49.34	nq	98
47) 2-Nitroaniline	13.78	65	100063	53.18	nq	97
48) Acenaphthylene	14.43	152	515414	48.24	nq	96
49) Dimethylphthalate	14.16	163	416367	45.56	nq	# 98
50) 2,6-Dinitrotoluene	14.27	165	90211	54.11	nq	93
51) Acenaphthene	14.77	154	326801	46.82	nq	96
52) 3-Nitroaniline	14.60	138	11408	6.97	nq	# 84
53) 2,4-Dinitrophenol	14.80	184	95667	141.78	nq	# 70
54) Dibenzofuran	15.10	168	516815	49.44	nq	# 90
55) 4-Nitrophenol	14.90	139	138266	100.14	nq	# 82
56) 2,4-Dinitrotoluene	15.06	165	132790	59.96	nq	95
57) Fluorene	15.75	166	431323	49.37	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.32	232	139621	56.02	nq	96
59) Diethylphthalate	15.53	149	425751	45.66	nq	97
60) 4-Chlorophenyl-phenylether	15.74	204	255523	51.29	nq	96
61) 4-Nitroaniline	15.76	138	72235	41.17	nq	# 84
62) Azobenzene	16.04	77	460544	50.40	nq	94
64) 4,6-Dinitro-2-methylphenol	15.82	198	73074	57.59	nq	91
65) n-Nitrosodiphenylamine	15.96	169	354263	42.45	nq	99
66) 4-Bromophenyl-phenylether	16.64	248	187274	55.96	nq	94
67) Hexachlorobenzene	16.75	284	237073	69.59	nq	98
68) Atrazine	16.91	200	112003	31.47	nq	93
69) Pentachlorophenol	17.09	266	221587	96.74	nq	99
70) Phenanthrene	17.49	178	789612	55.93	nq	99
71) Anthracene	17.58	178	875009	61.88	nq	98
72) Carbazole	17.85	167	637376	48.58	nq	98
73) Di-n-butylphthalate	18.42	149	866505	55.41	nq	# 97
74) Fluoranthene	19.50	202	1203210	65.50	nq	96
77) Pyrene	19.86	202	1207372	62.97	nq	96
79) Butylbenzylphthalate	20.75	149	440479	63.27	nq	95
80) Benzo(a)anthracene	21.71	228	1360298	73.19	nq	98
81) 3,3'-Dichlorobenzidine	21.62	252	41737	5.97	nq	# 98
82) Chrysene	21.78	228	1293404	76.01	nq	97
83) Bis(2-ethylhexyl)phthalate	21.64	149	736544	74.87	nq	99
84) Di-n-octyl phthalate	22.87	149	1260172	74.67	nq	96
85) Indeno(1,2,3-cd)pyrene	28.70	276	1545048	77.53	nq	# 87
87) Benzo(b)fluoranthene	23.95	252	1394611	80.28	nq	# 97
88) Benzo(k)fluoranthene	24.03	252	1297892	76.38	nq	# 97
89) Benzo(a)pyrene	24.83	252	1255169	76.79	nq	# 96
90) Dibenzo(a,h)anthracene	28.78	278	1278201	79.21	nq	# 95
91) Benzo(g,h,i)perylene	29.86	276	1259883	79.78	nq	# 94

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

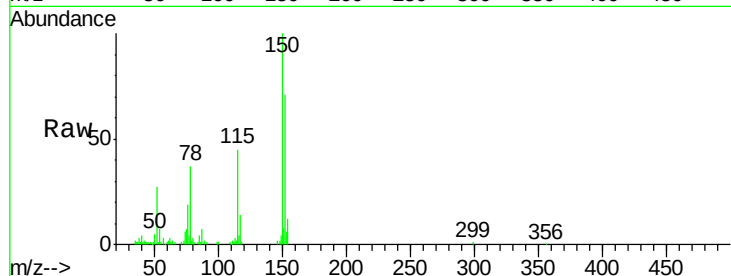


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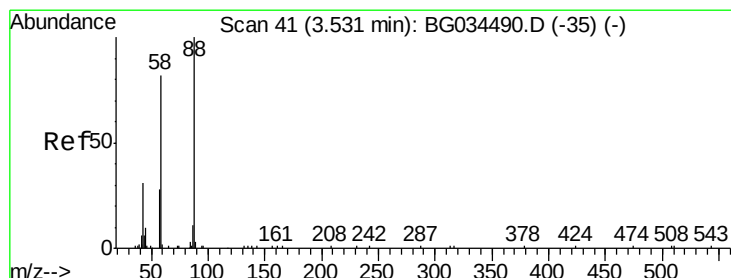
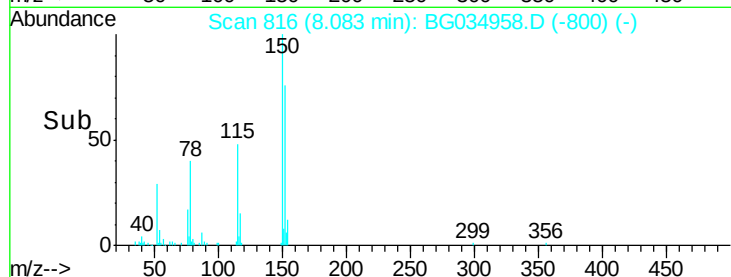
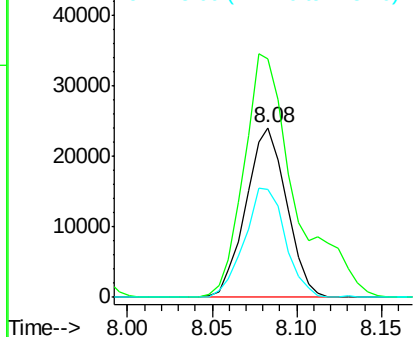
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 40277
Ion Ratio Lower Upper
152 100
150 140.7 126.6 189.8
115 63.7 53.0 79.4



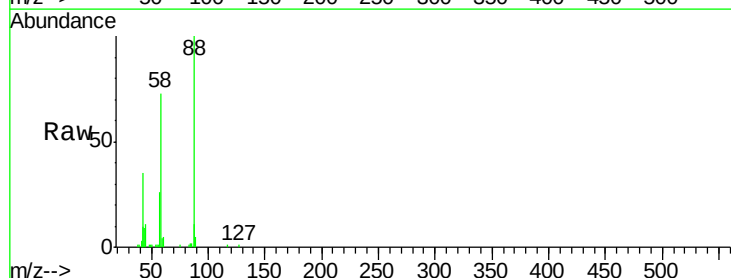
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



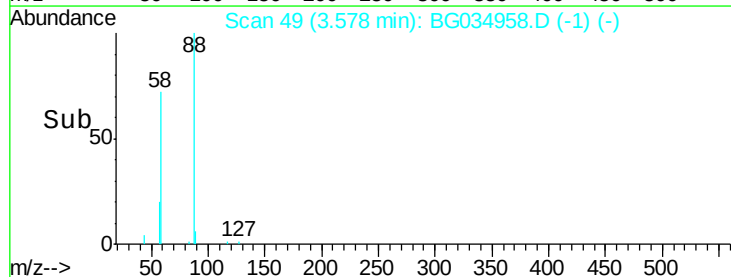
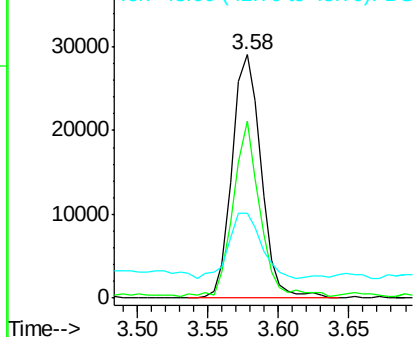
#2

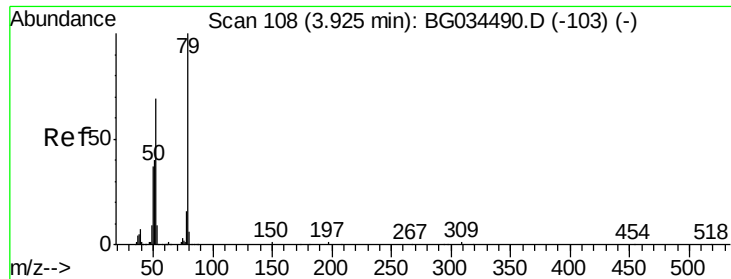
1,4-Dioxane
Concen: 36.59 ng
RT: 3.58 min Scan# 49
Delta R.T. 0.01 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion: 88 Resp: 41661
Ion Ratio Lower Upper
88 100
58 65.6 79.6 119.4#
43 29.7 27.4 41.0



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





#3

Pvridine

Concen: 31.16 ng

RT: 3.97 min Scan# 116

Delta R.T. 0.01 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampleId :

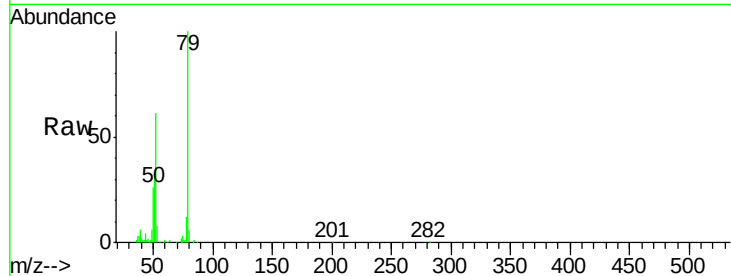
Tot Ion: 79 Resp: 95742

Ion Ratio Lower Upper

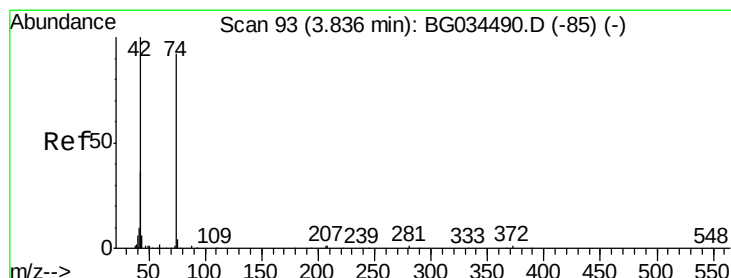
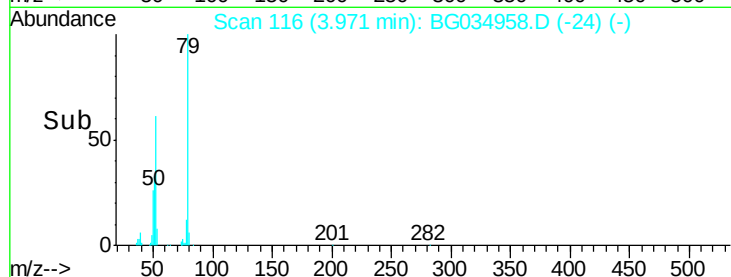
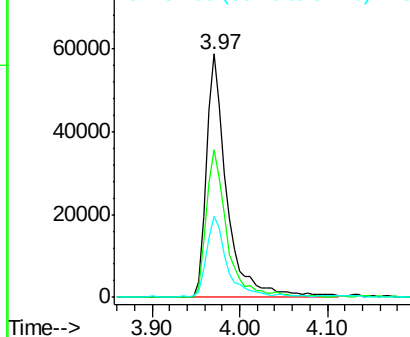
79 100

52 60.8 69.9 104.9#

51 33.4 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: 40.45 ng

RT: 3.88 min Scan# 100

Delta R.T. 0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

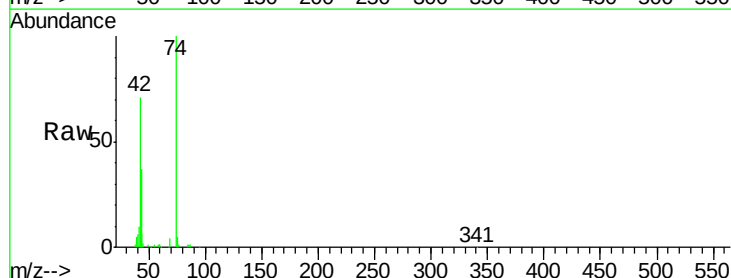
Tgt Ion: 42 Resp: 53395

Ion Ratio Lower Upper

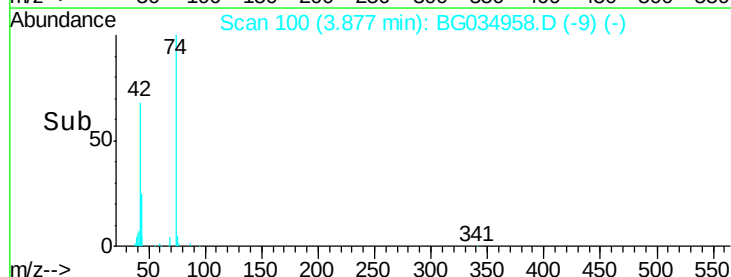
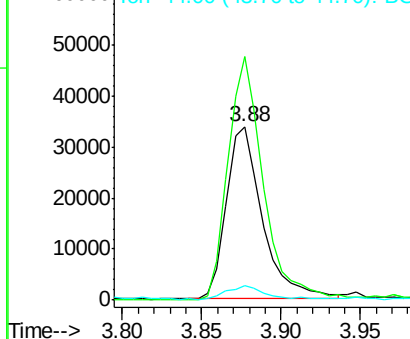
42 100

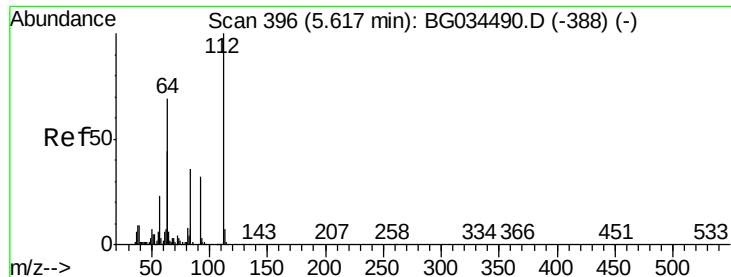
74 140.5 102.5 153.7

44 8.4 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: 138.40 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampleId :

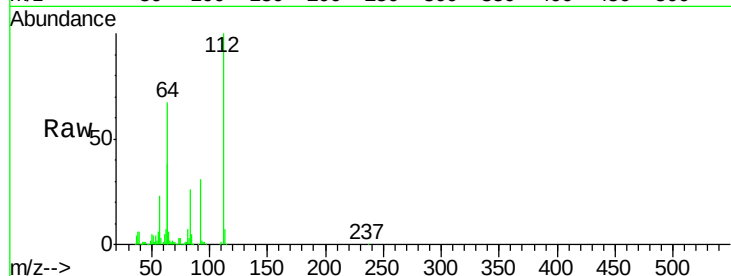
Tot Ion:112 Resp: 330307

Ion Ratio Lower Upper

112 100

64 66.7 56.3 84.5

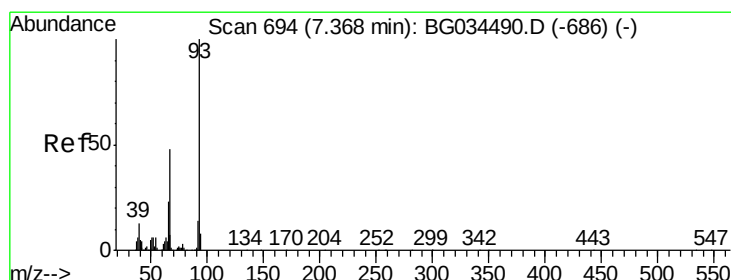
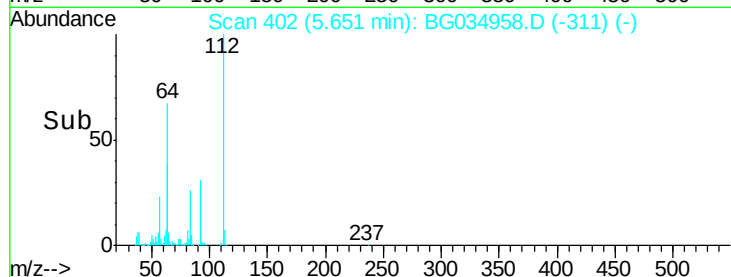
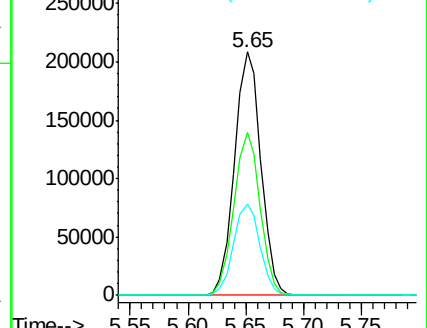
63 37.7 30.1 45.1



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: 11.96 ng

RT: 7.41 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

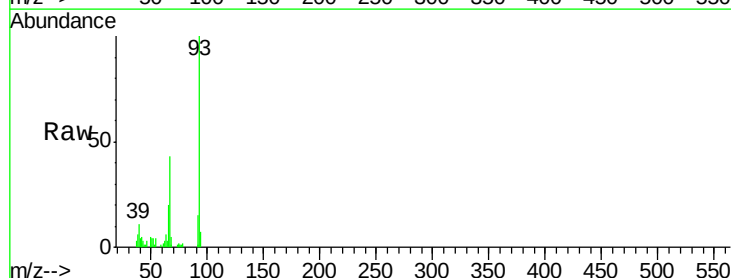
Tgt Ion: 93 Resp: 54437

Ion Ratio Lower Upper

93 100

66 43.1 33.7 50.5

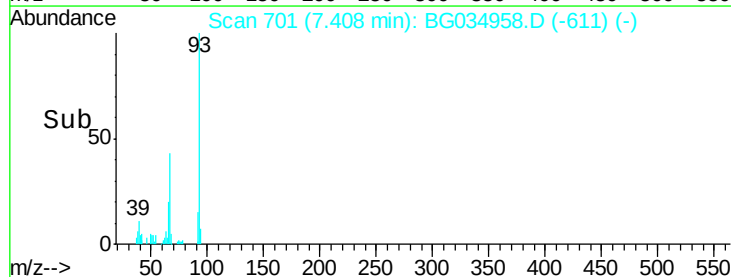
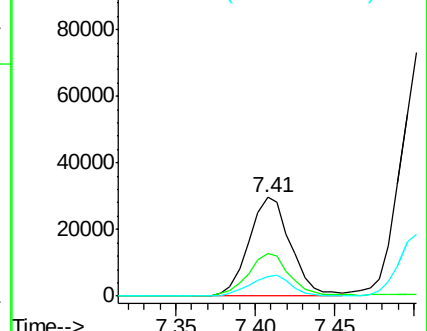
65 20.4 16.1 24.1

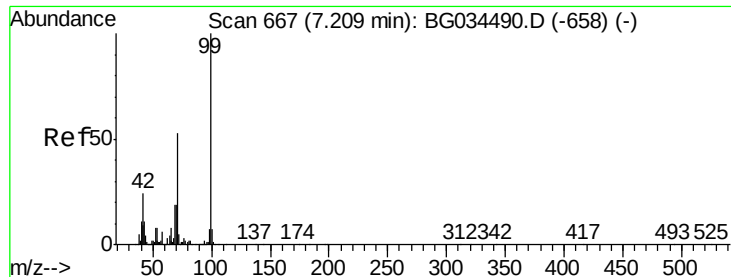


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.39 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampleId :

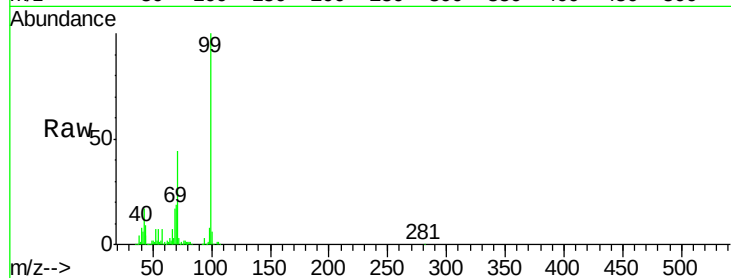
Tot Ion: 99 Resp: 466333

Ion Ratio Lower Upper

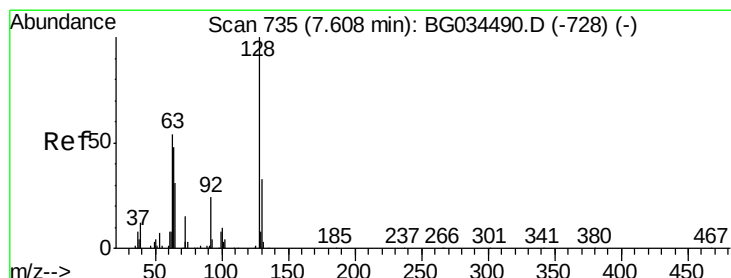
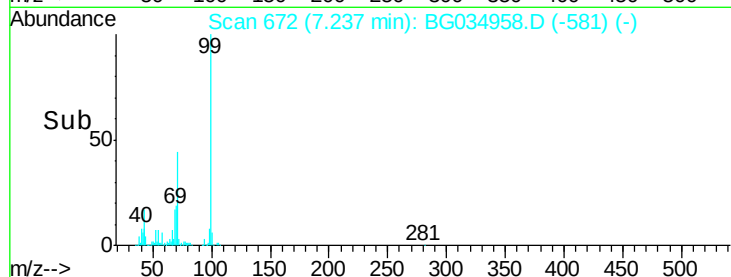
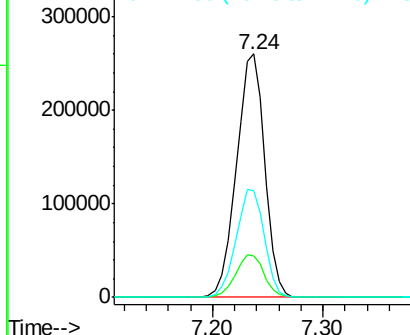
99 100

42 17.1 14.1 21.1

71 43.8 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: 45.18 ng

RT: 7.65 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

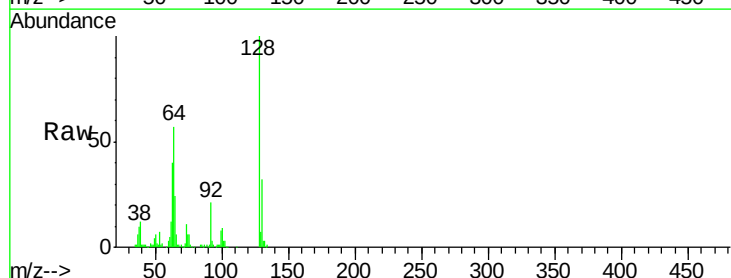
Tgt Ion:128 Resp: 113024

Ion Ratio Lower Upper

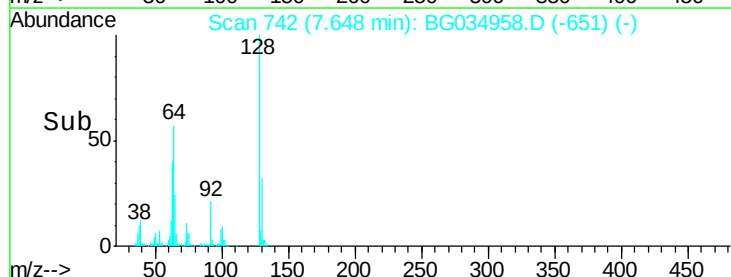
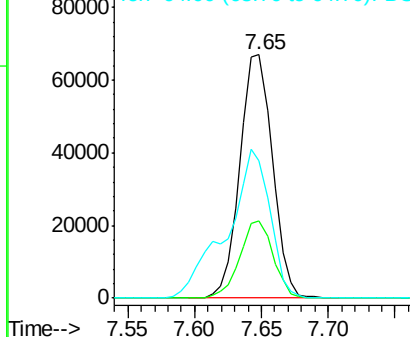
128 100

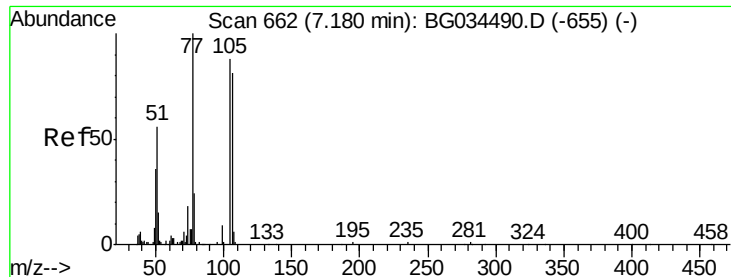
130 31.9 14.0 54.0

64 56.6 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: 12.02 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampled :

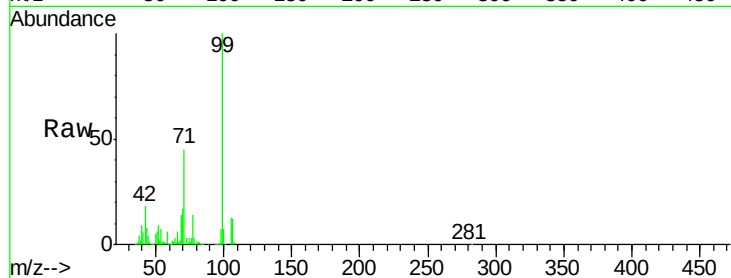
Tot Ion: 77 Resp: 32618

Ion Ratio Lower Upper

77 100

105 90.2 71.3 111.3

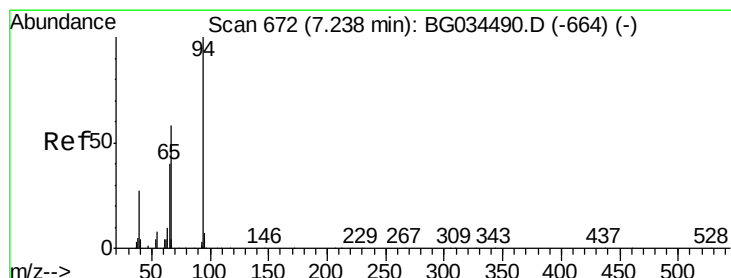
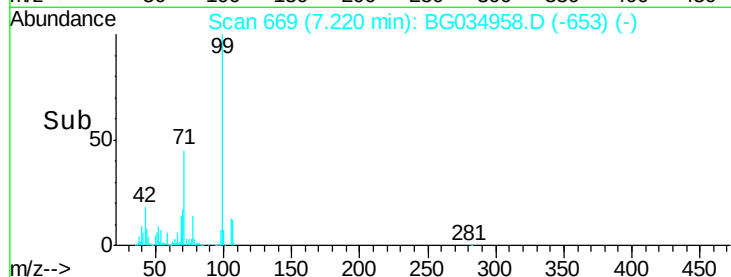
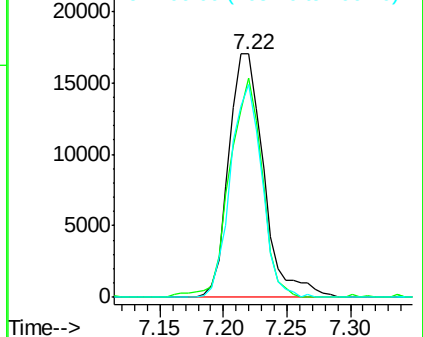
106 87.4 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.40 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

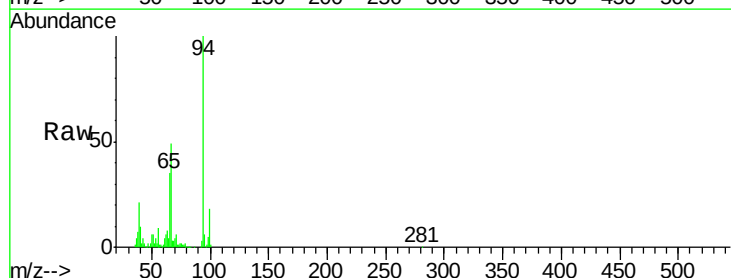
Tgt Ion: 94 Resp: 154570

Ion Ratio Lower Upper

94 100

65 34.6 11.9 51.9

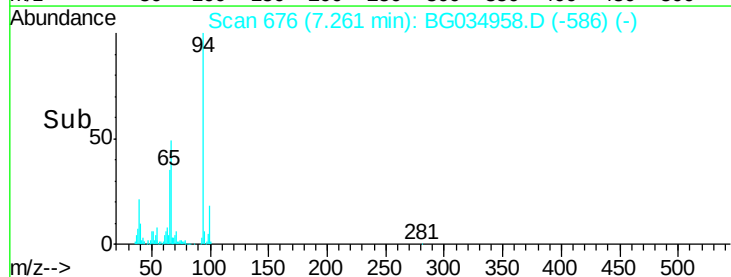
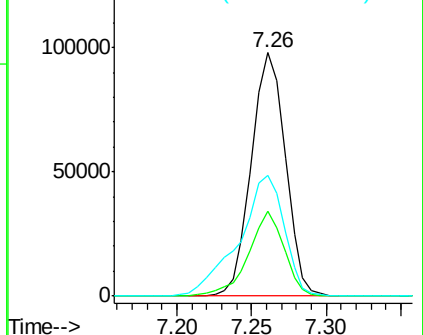
66 49.5 22.2 62.2

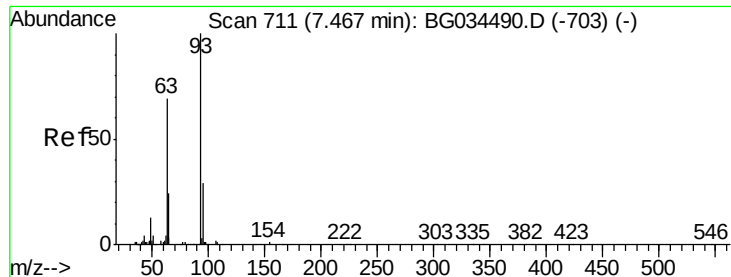


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

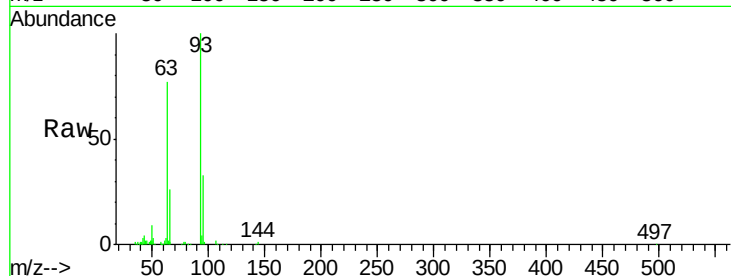




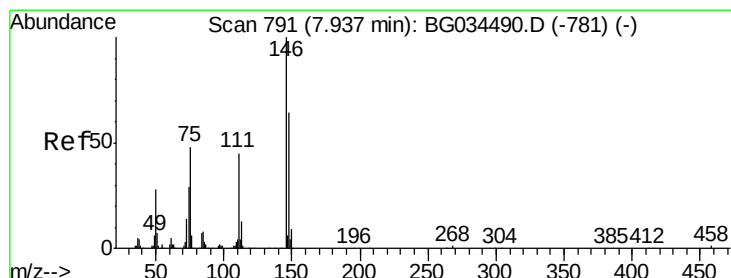
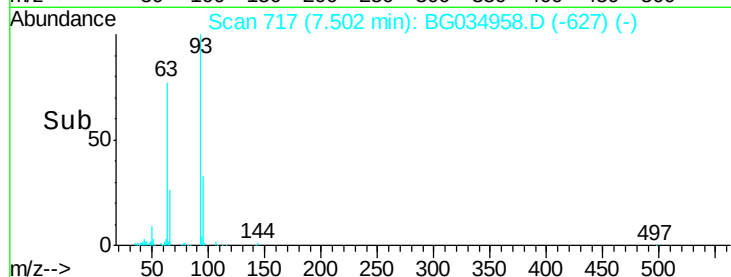
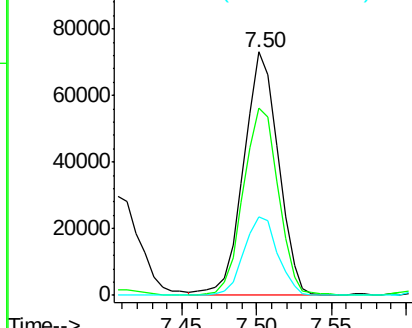
#11
bis(2-Chloroethyl)ether
Concen: 41.24 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 116694
Ion Ratio Lower Upper
93 100
63 76.8 67.1 107.1
95 32.5 11.5 51.5

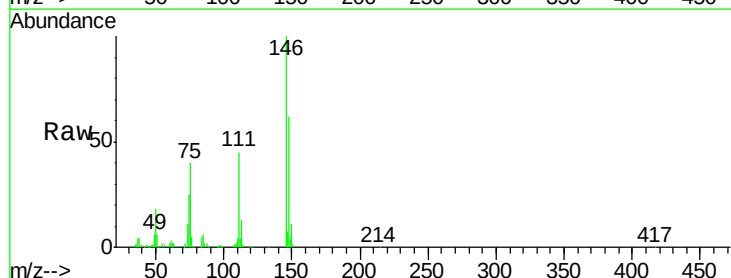


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

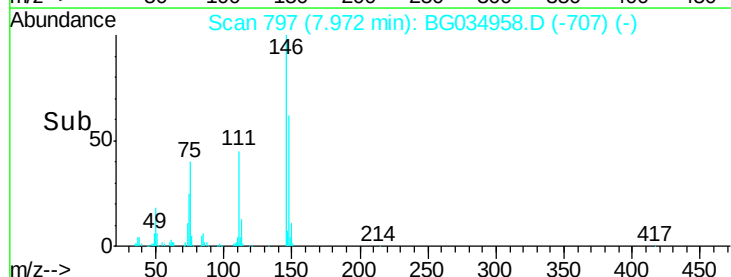
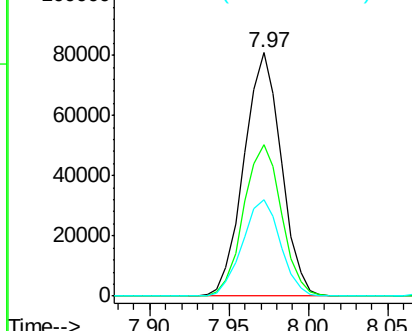


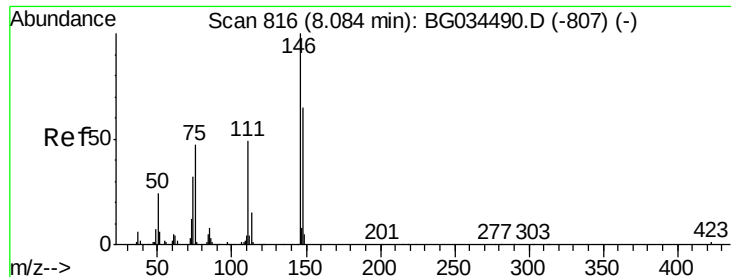
#12
1,3-Dichlorobenzene
Concen: 44.23 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion: 146 Resp: 132025
Ion Ratio Lower Upper
146 100
148 62.1 51.4 77.2
75 39.7 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

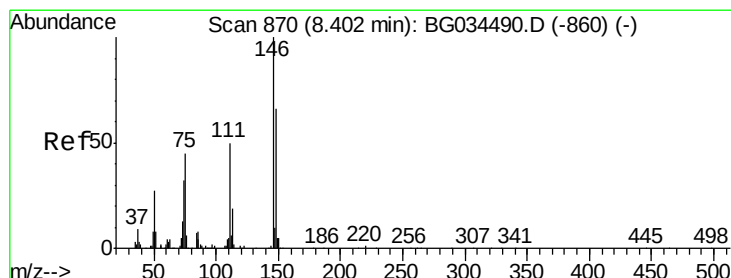
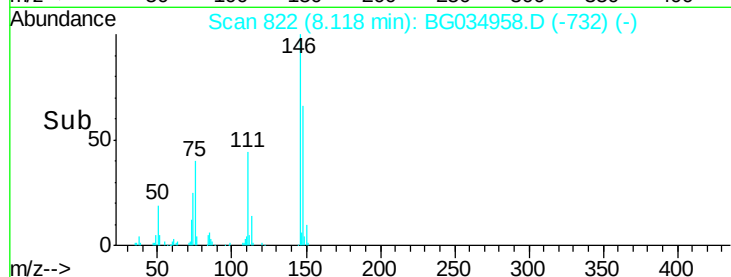
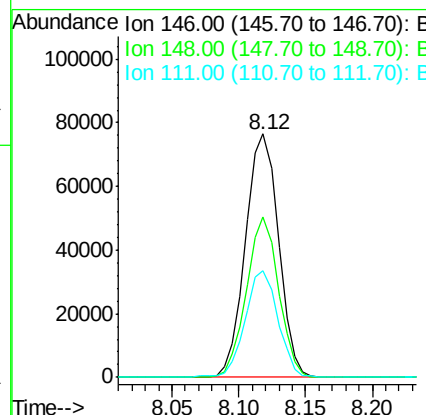
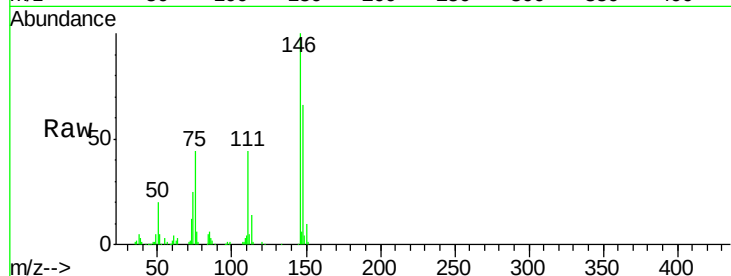




#13
 1,4-Dichlorobenzene
 Concen: 42.43 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG034958.D
 Acq: 7 Jun 2018 18:44

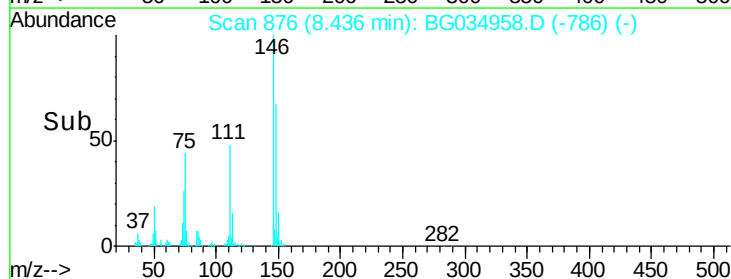
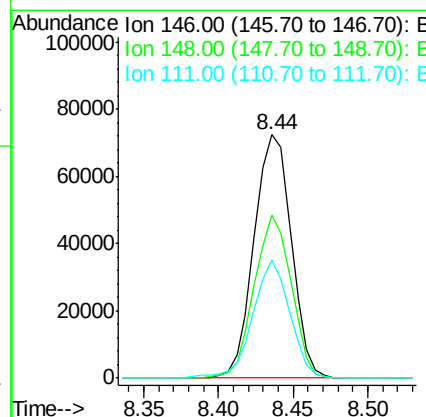
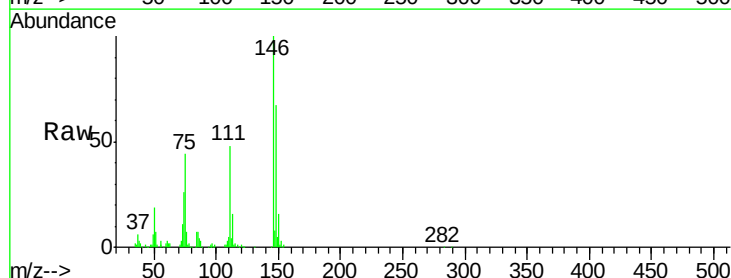
Instrument :
 BNA_G
 ClientSampleId :

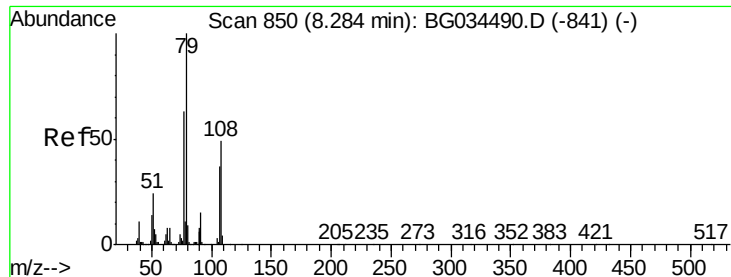
Tot Ion:146 Resp: 130749
 Ion Ratio Lower Upper
 146 100
 148 66.1 53.7 80.5
 111 43.9 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 43.09 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG034958.D
 Acq: 7 Jun 2018 18:44

Tgt Ion:146 Resp: 124729
 Ion Ratio Lower Upper
 146 100
 148 67.2 49.3 73.9
 111 48.5 34.3 51.5





#15

Benzyl Alcohol

Concen: 44.68 ng

RT: 8.32 min Scan# 856

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampleId :

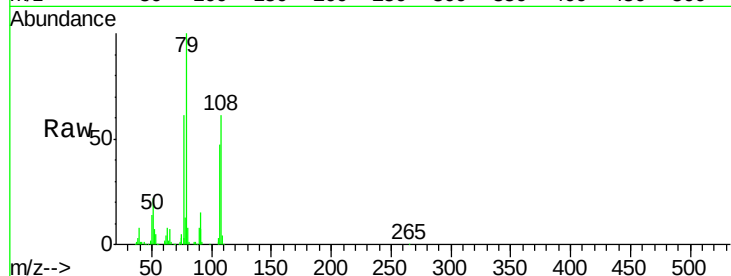
Tot Ion: 79 Resp: 149145

Ion Ratio Lower Upper

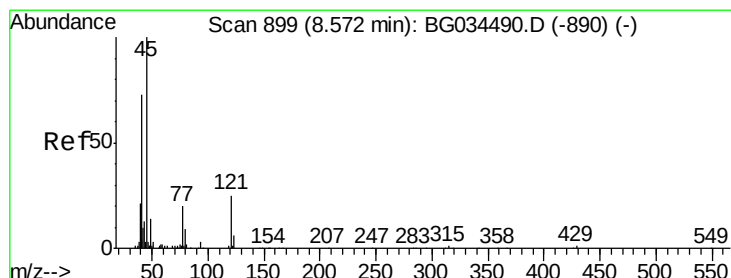
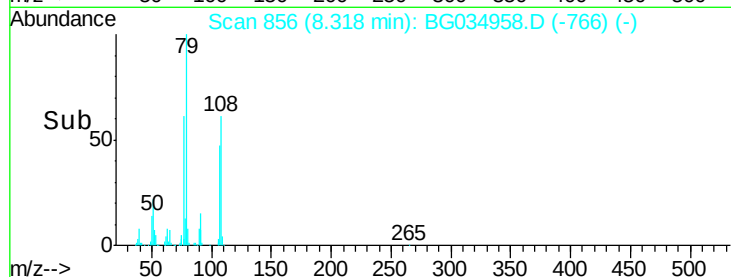
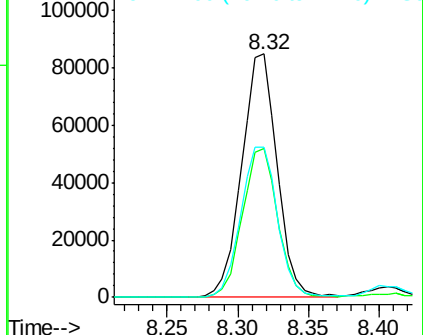
79 100

108 61.1 57.2 85.8

77 61.5 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 50.01 ng

RT: 8.61 min Scan# 906

Delta R.T. 0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

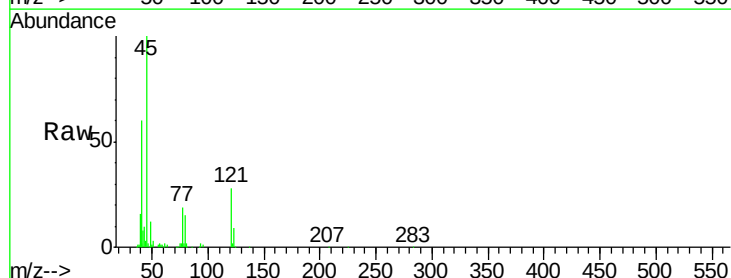
Tgt Ion: 45 Resp: 140831

Ion Ratio Lower Upper

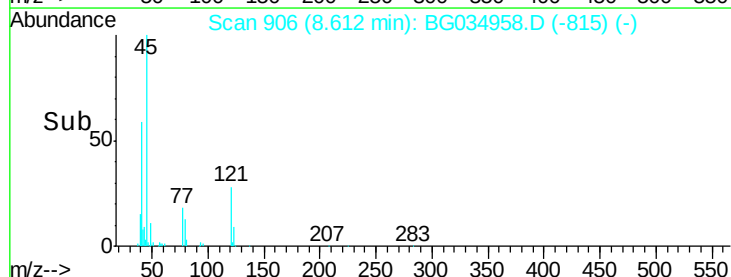
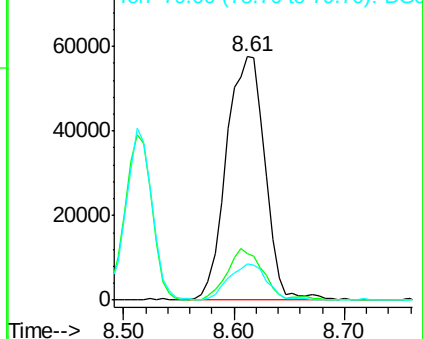
45 100

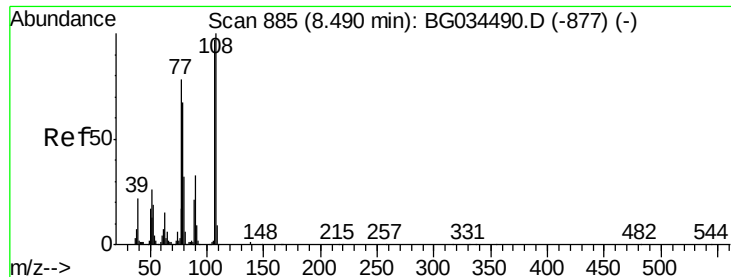
77 19.0 0.0 30.2

79 15.0 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 47.78 ng

RT: 8.51 min Scan# 889

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 114832

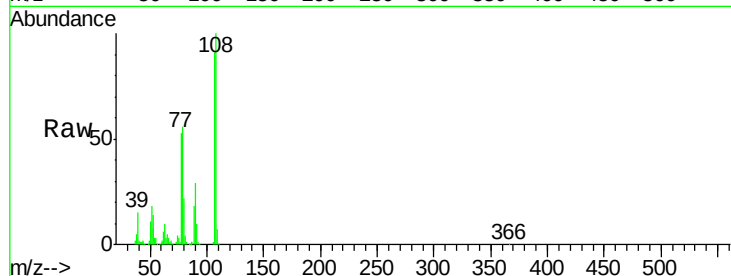
Ion Ratio Lower Upper

107 100

108 110.2 83.9 125.9

77 58.8 37.2 55.8#

79 61.3 36.2 54.2#

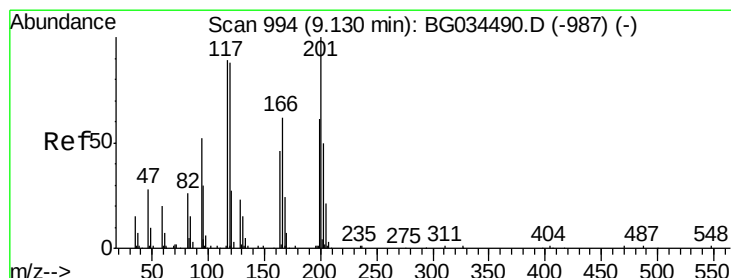
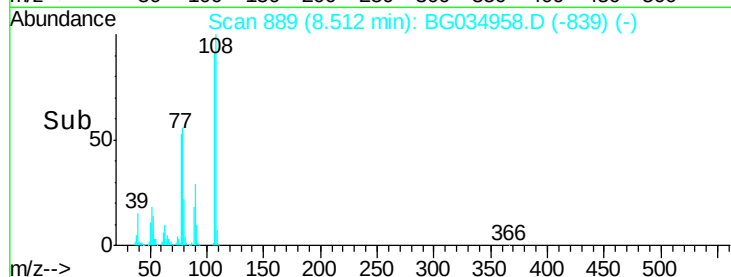
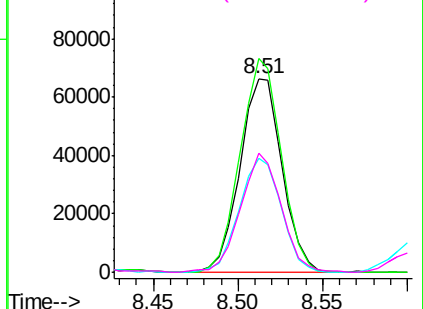


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.62 ng

RT: 9.16 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

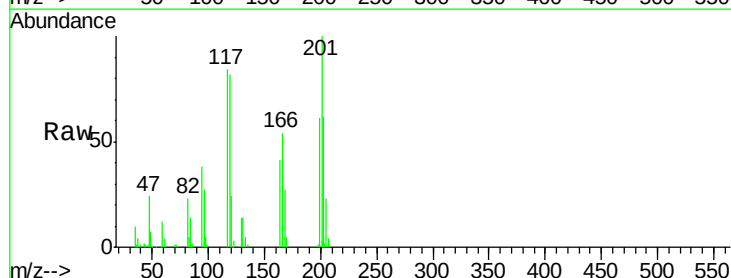
Tgt Ion:117 Resp: 49216

Ion Ratio Lower Upper

117 100

119 97.2 76.7 115.1

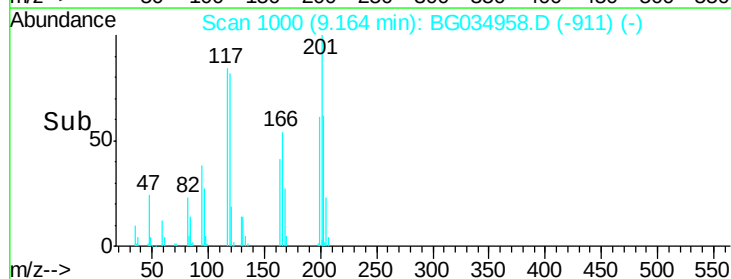
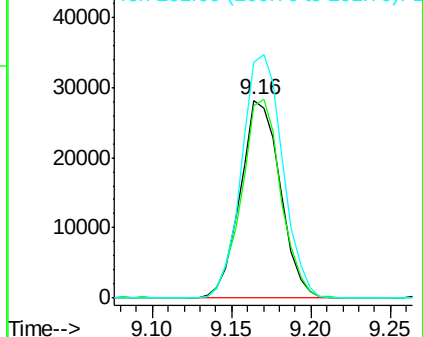
201 119.0 95.7 143.5

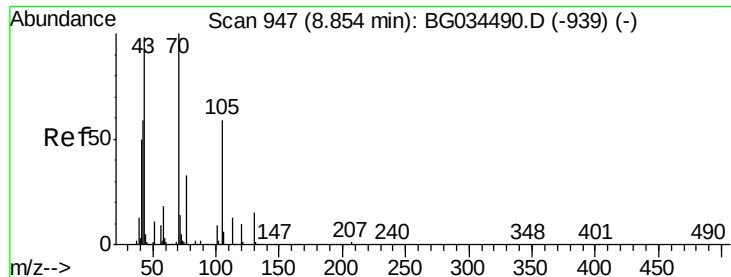


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

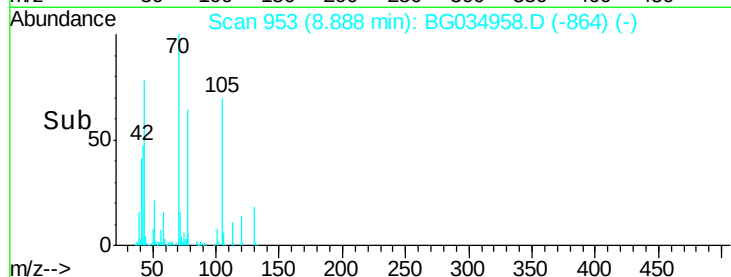
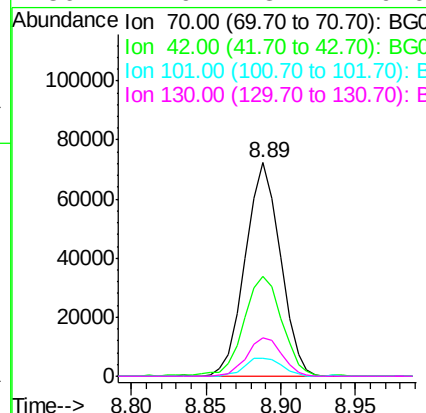
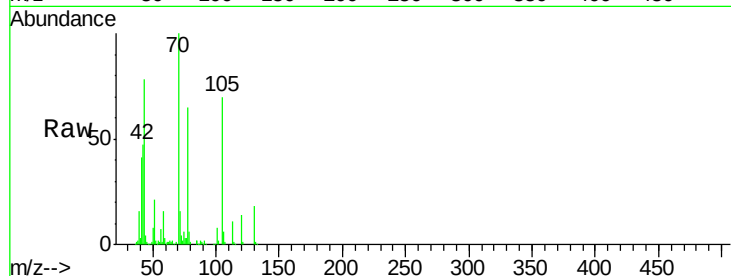




#19
 n-Nitroso-di-n-propylamine
 Concen: 39.47 ng
 RT: 8.89 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BG034958.D
 Acq: 7 Jun 2018 18:44

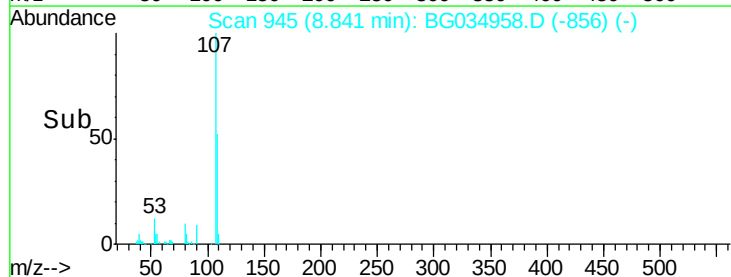
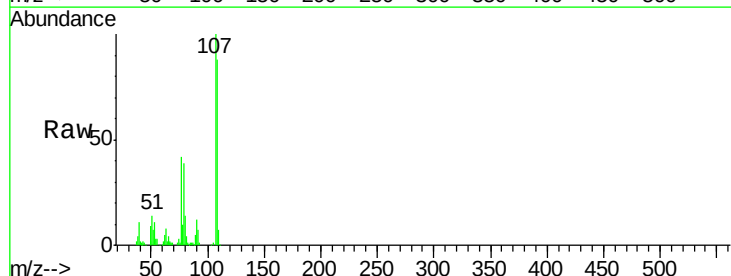
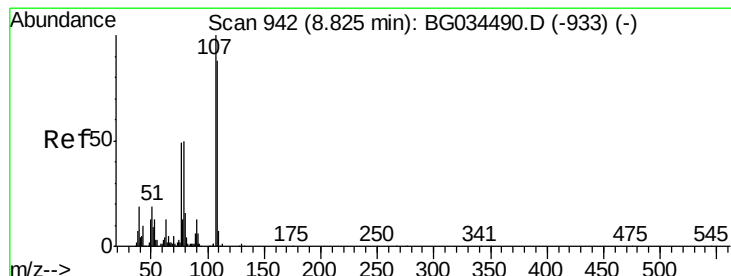
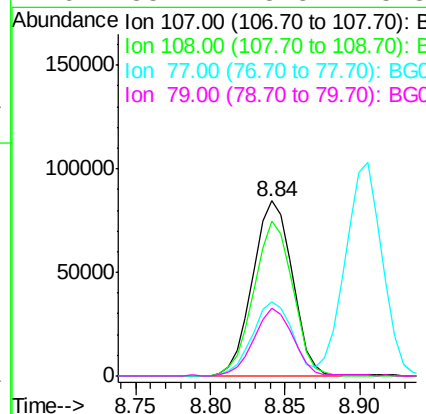
Instrument :
 BNA_G
 ClientSampleId :

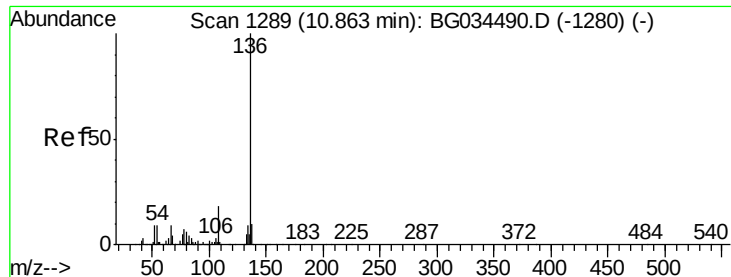
Tot Ion: 70 Resp: 118113
 Ion Ratio Lower Upper
 70 100
 42 46.9 49.1 73.7#
 101 8.3 8.5 12.7#
 130 17.9 13.4 20.0



#20
 3+4-Methylphenols
 Concen: 45.24 ng
 RT: 8.84 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BG034958.D
 Acq: 7 Jun 2018 18:44

Tgt Ion: 107 Resp: 155835
 Ion Ratio Lower Upper
 107 100
 108 88.5 61.6 101.6
 77 42.1 13.9 53.9
 79 38.7 8.8 48.8

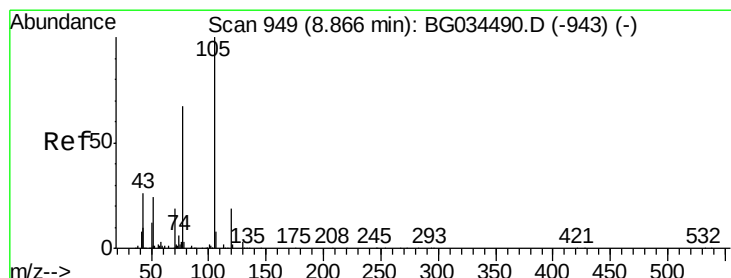
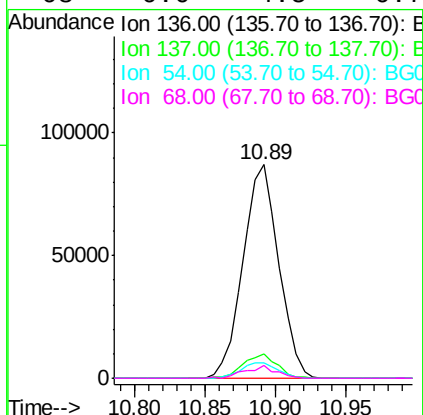
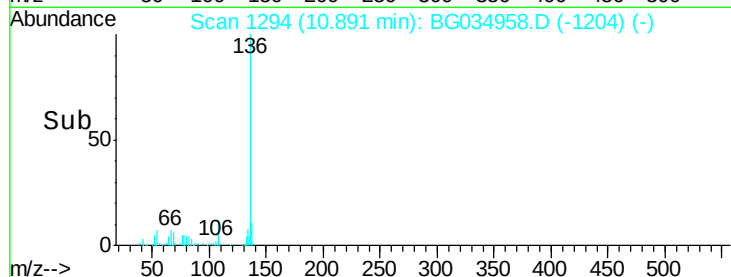
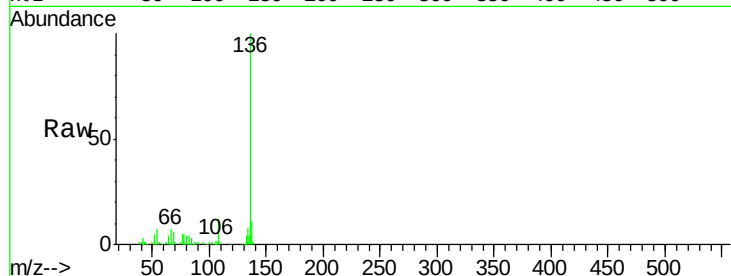




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

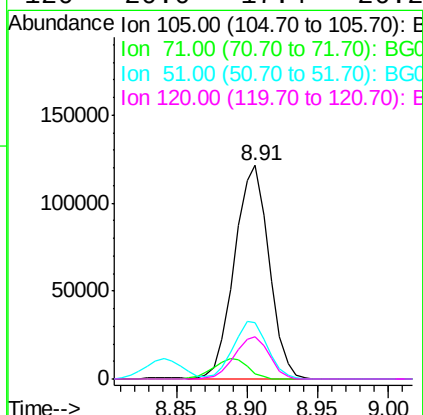
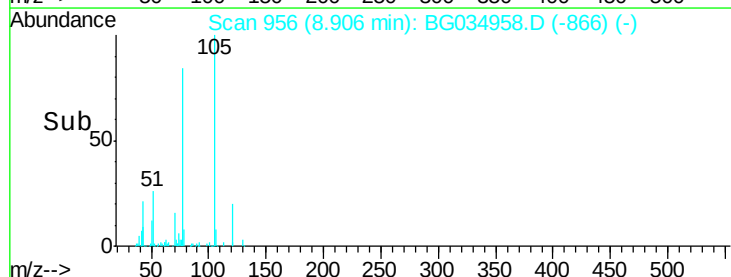
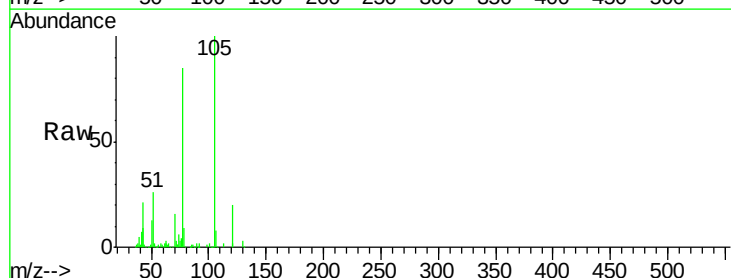
Instrument :
BNA_G
ClientSampleId :

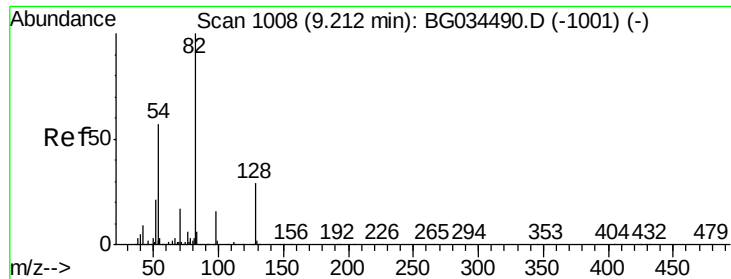
Tot Ion:136	Resp:	154113
Ion Ratio	Lower	Upper
136 100		
137 11.3	9.2	13.8
54 7.2	10.3	15.5#
68 6.0	4.5	6.7



#22
Acetophenone
Concen: 43.48 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt	Ion:105	Resp:	207593
Ion	Ratio	Lower	Upper
105	100		
71	2.5	3.0	4.4#
51	26.1	26.1	39.1
120	20.0	17.4	26.2

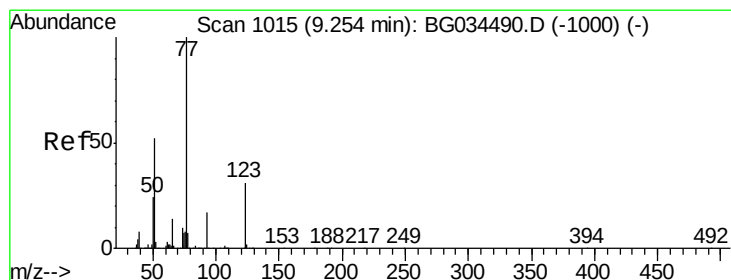
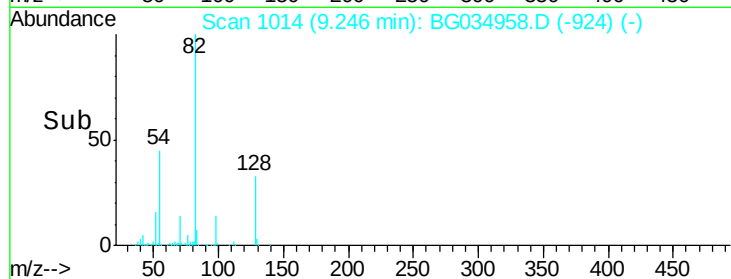
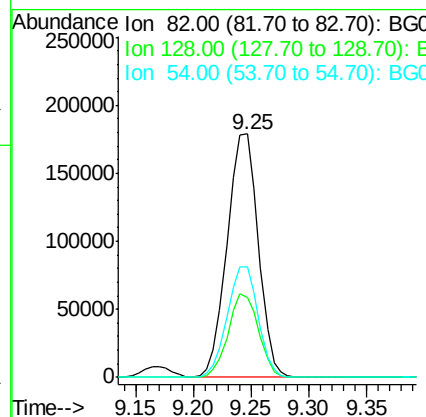
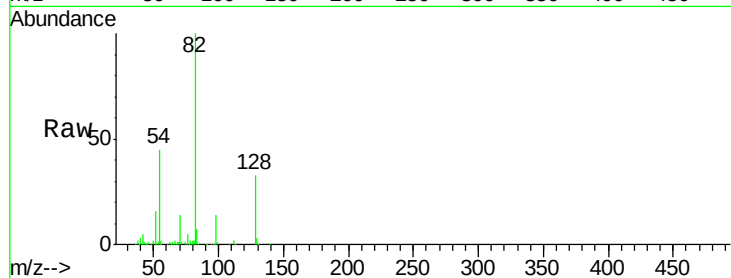




#23
 Nitrobenzene-d5
 Concen: 103.35 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG034958.D
 Acq: 7 Jun 2018 18:44

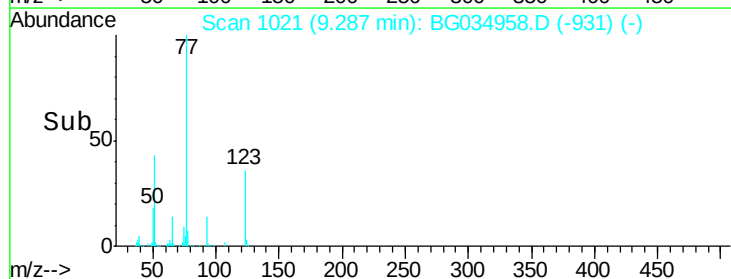
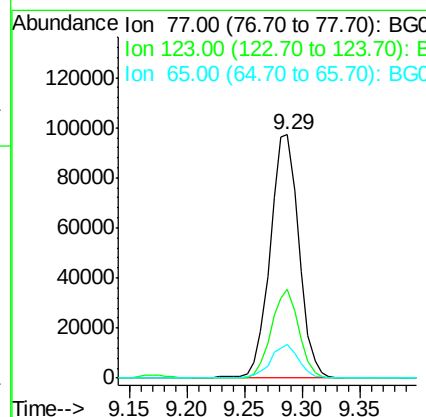
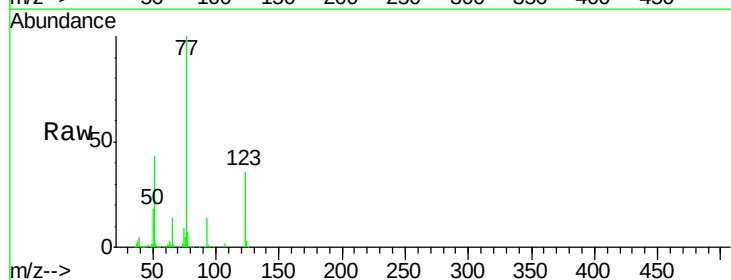
Instrument :
 BNA_G
 ClientSampled :

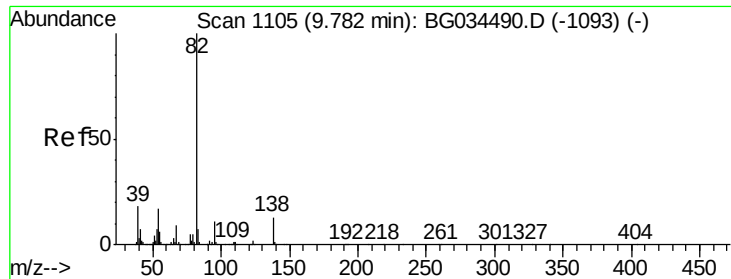
Tot Ion	82	Resp	335090
Ion Ratio	Lower	Upper	
82	100		
128	32.8	29.7	44.5
54	45.2	43.1	64.7



#24
 Nitrobenzene
 Concen: 50.95 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG034958.D
 Acq: 7 Jun 2018 18:44

Tgt Ion	77	Resp	169154
Ion Ratio	Lower	Upper	
77	100		
123	36.4	33.0	49.6
65	14.0	13.0	19.6





#25

Isophorone

Concen: 48.55 ng

RT: 9.81 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampled :

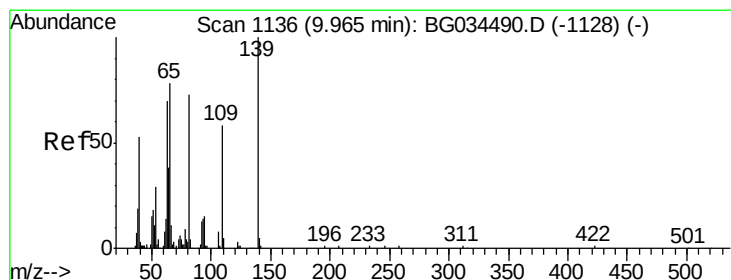
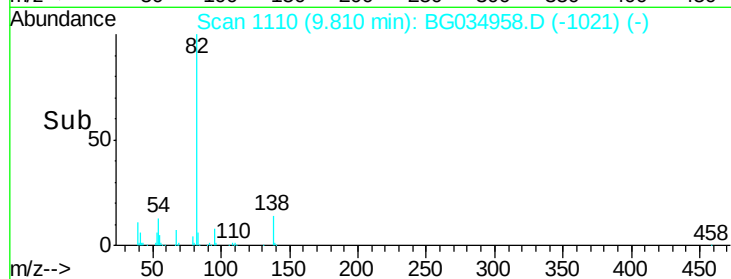
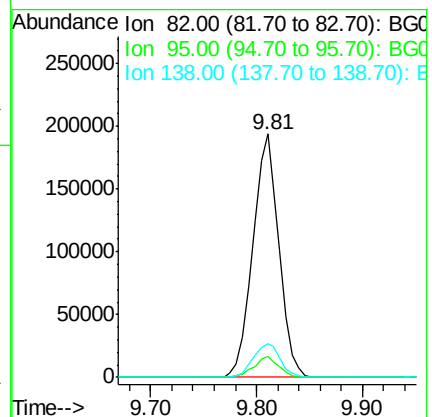
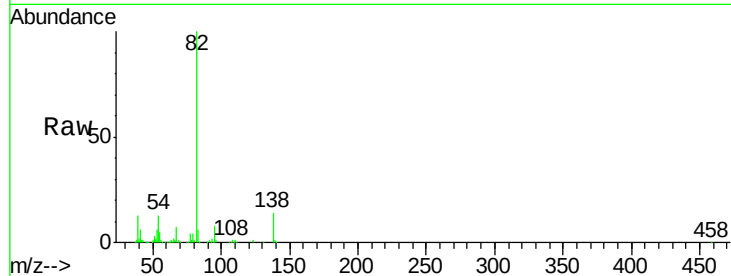
Tot Ion: 82 Resp: 332343

Ion Ratio Lower Upper

82 100

95 8.4 6.2 9.2

138 14.1 12.1 18.1



#26

2-Nitrophenol

Concen: 53.51 ng

RT: 9.99 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

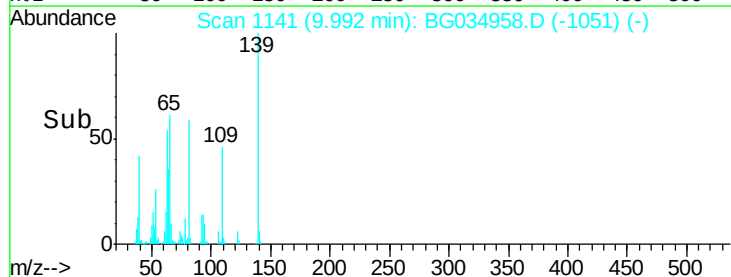
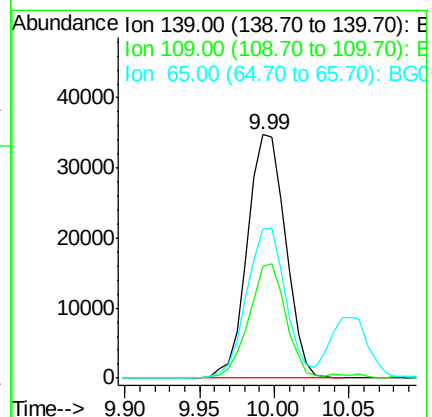
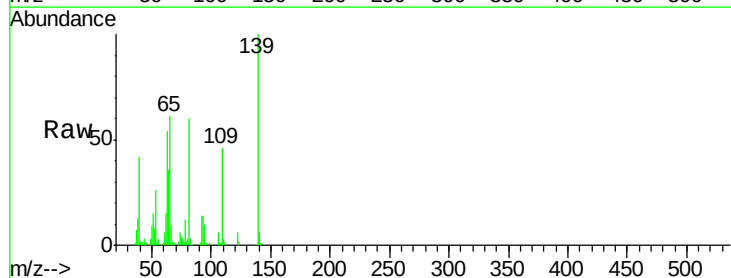
Tgt Ion: 139 Resp: 61235

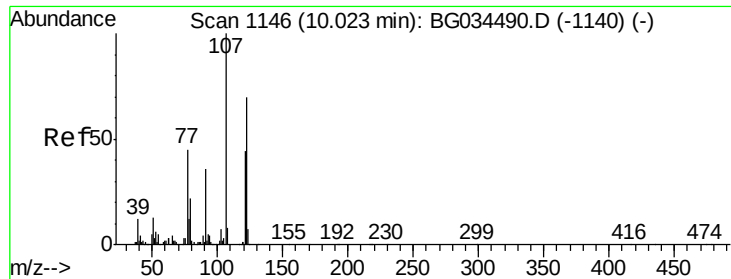
Ion Ratio Lower Upper

139 100

109 46.0 24.2 36.2#

65 61.0 47.4 71.0

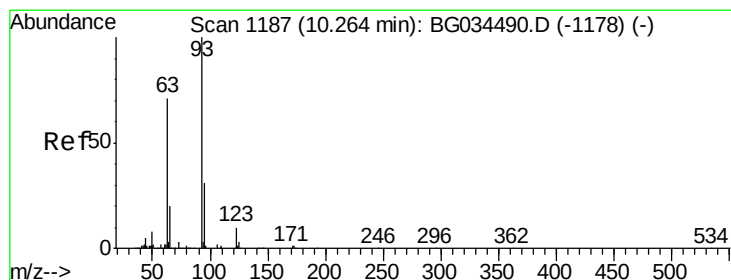
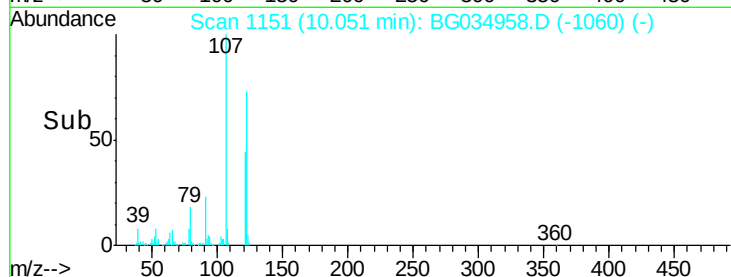
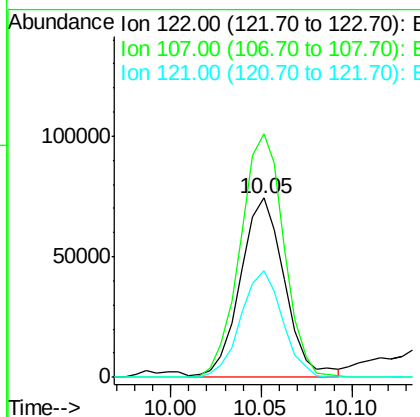
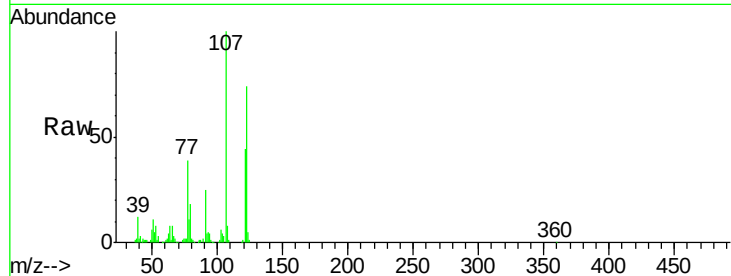




#27
 2,4-Dimethylphenol
 Concen: 52.44 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BG034958.D
 Acq: 7 Jun 2018 18:44

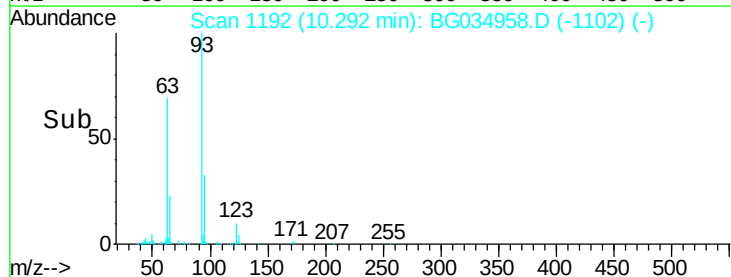
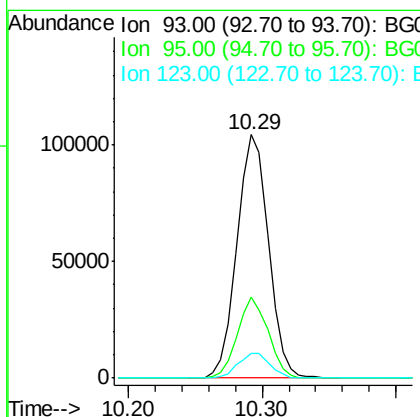
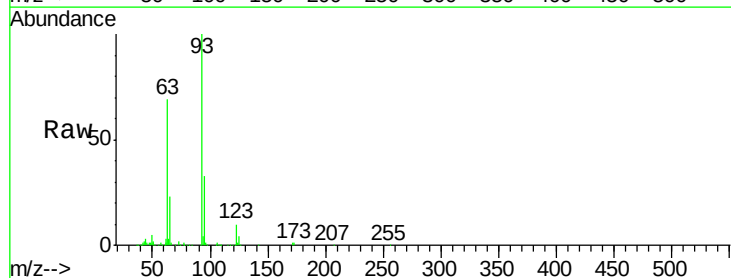
Instrument :
 BNA_G
 ClientSampleId :

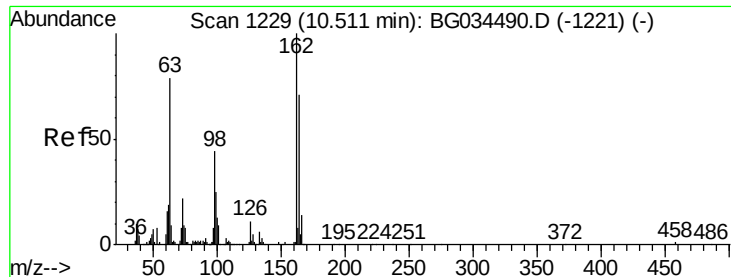
Tot Ion:122 Resp: 126143
 Ion Ratio Lower Upper
 122 100
 107 135.9 100.2 150.2
 121 59.3 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.39 ng
 RT: 10.29 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BG034958.D
 Acq: 7 Jun 2018 18:44

Tgt Ion: 93 Resp: 170658
 Ion Ratio Lower Upper
 93 100
 95 33.4 24.3 36.5
 123 10.3 8.4 12.6

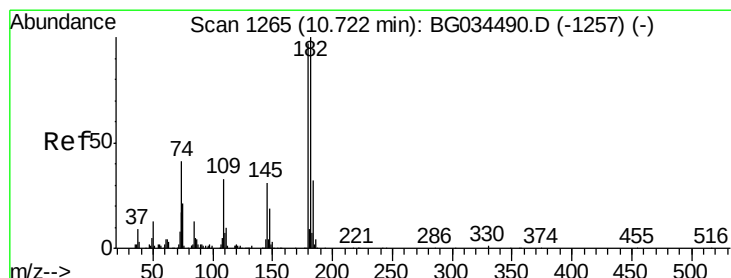
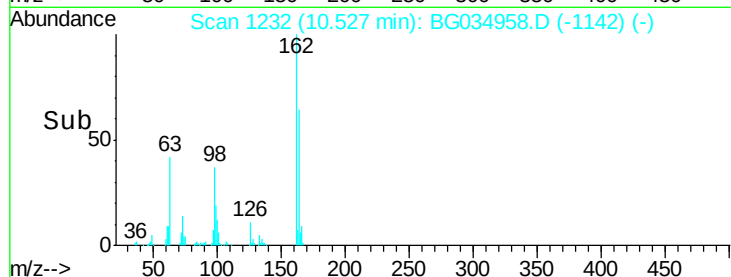
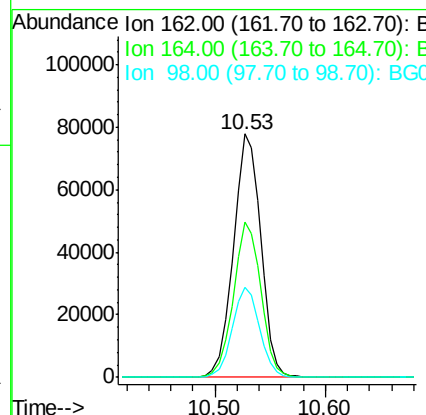
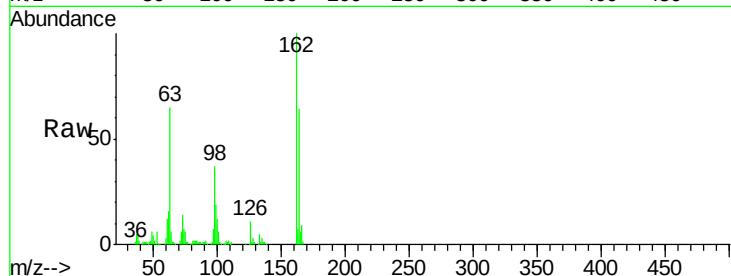




#29
2,4-Dichlorophenol
Concen: 51.70 ng
RT: 10.53 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

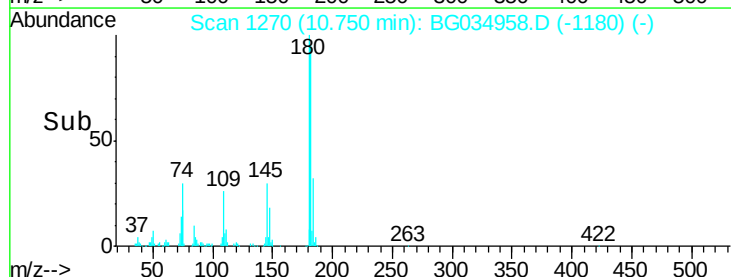
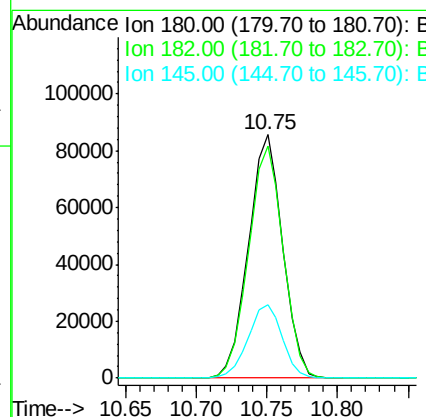
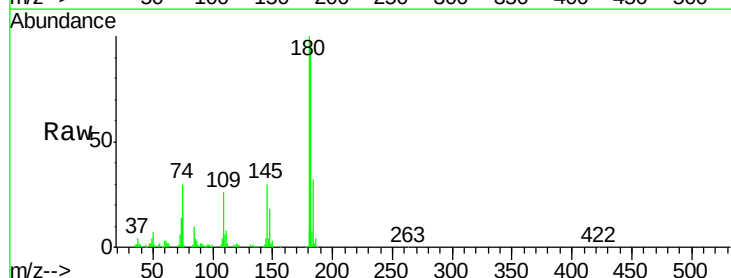
Instrument :
BNA_G
ClientSampleId :

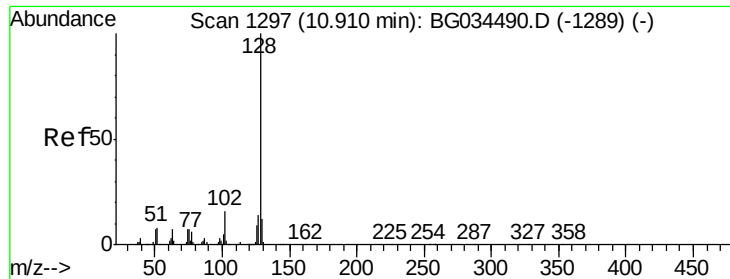
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	48.0	88.0
98	36.8	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 46.27 ng
RT: 10.75 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.5	116.3
145	30.4	23.4	35.2

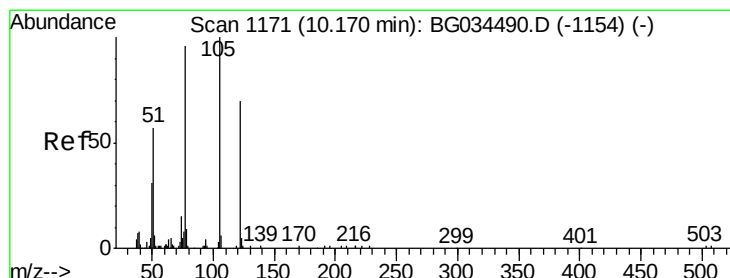
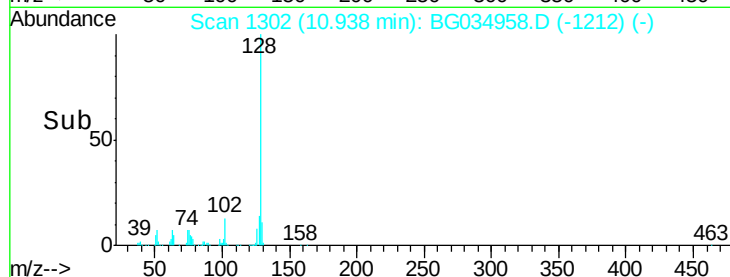
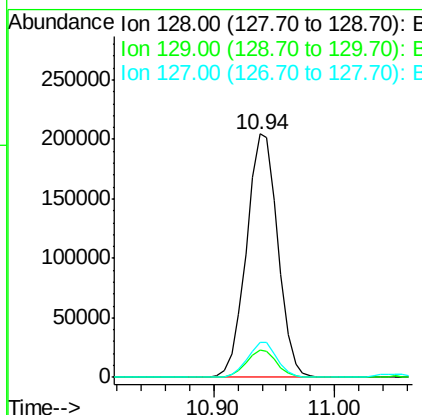
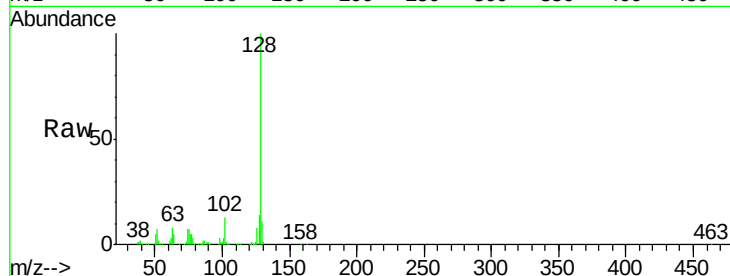




#31
Naphthalene
Concen: 46.06 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

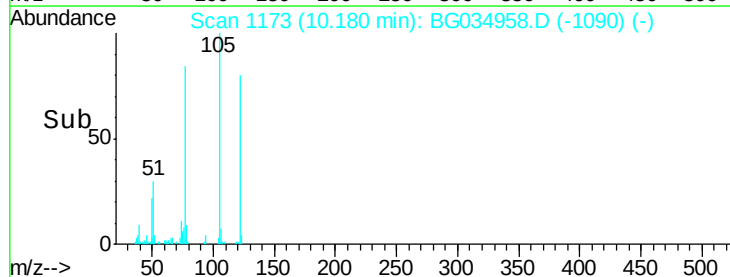
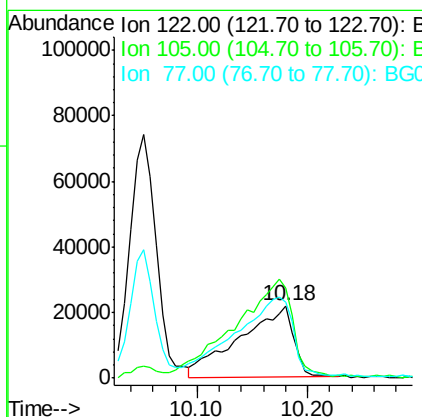
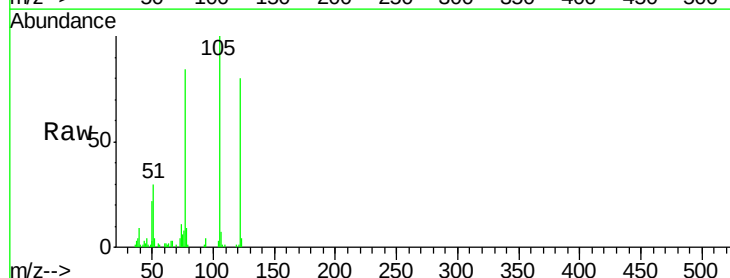
Instrument :
BNA_G
ClientSampleId :

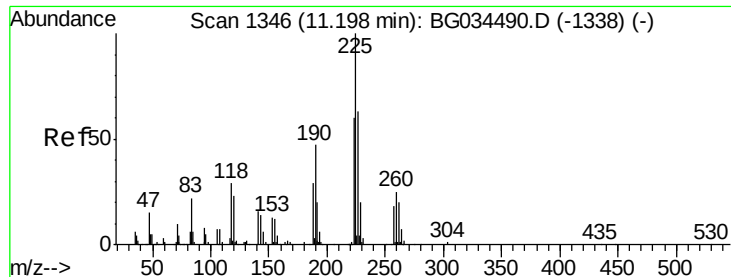
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	14.4	11.6	17.4



#32
Benzoic acid
Concen: 46.04 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.04 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.5	123.5	163.5
77	104.4	85.7	125.7





#34

Hexachlorobutadiene

Concen: 47.18 ng

RT: 11.23 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampled :

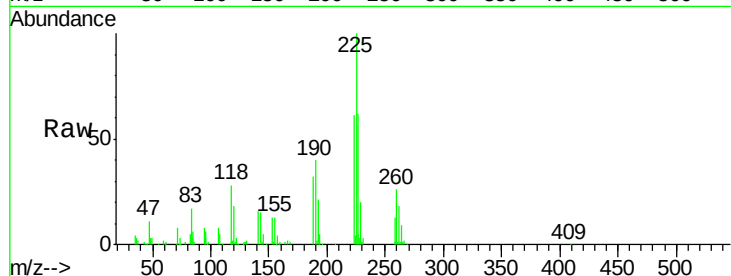
Tot Ion:225 Resp: 115148

Ion Ratio Lower Upper

225 100

223 60.7 49.7 74.5

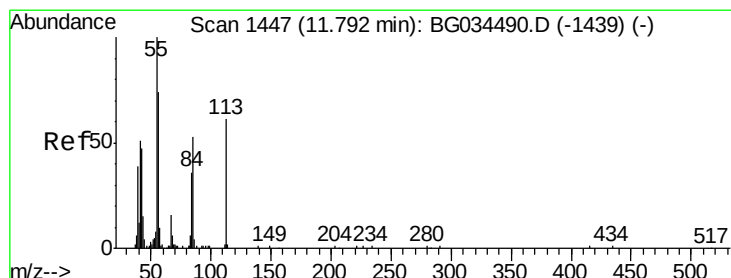
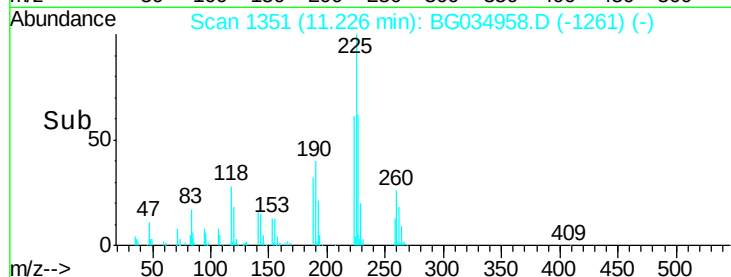
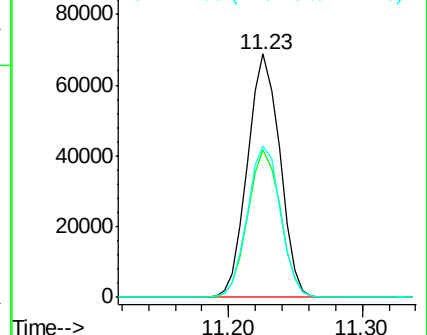
227 62.4 48.1 72.1



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 22.07 ng

RT: 11.81 min Scan# 1451

Delta R.T. -0.03 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

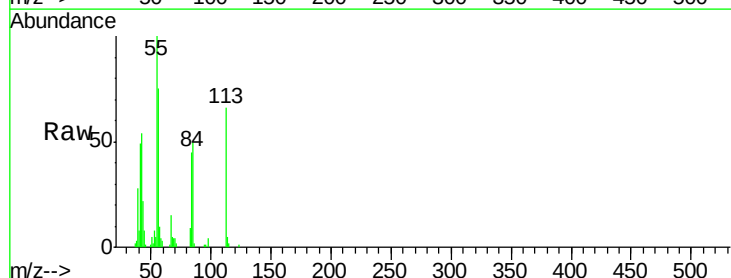
Tgt Ion:113 Resp: 21349

Ion Ratio Lower Upper

113 100

55 151.1 186.9 226.9#

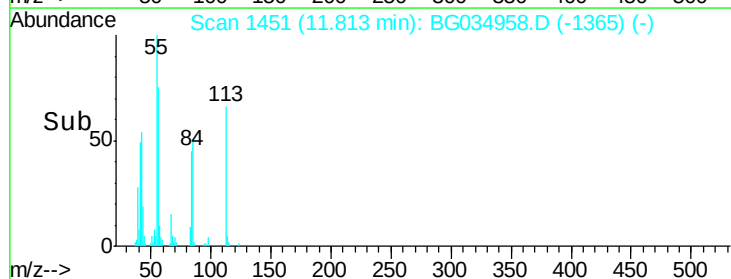
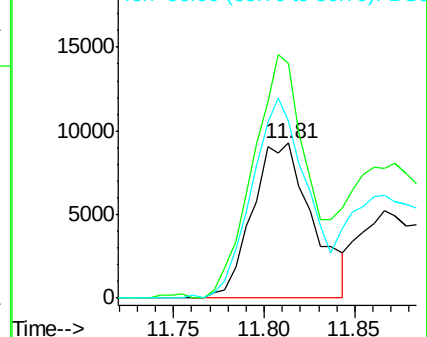
56 114.0 130.9 170.9#

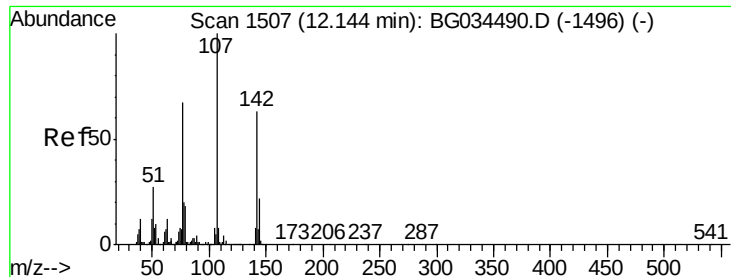


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

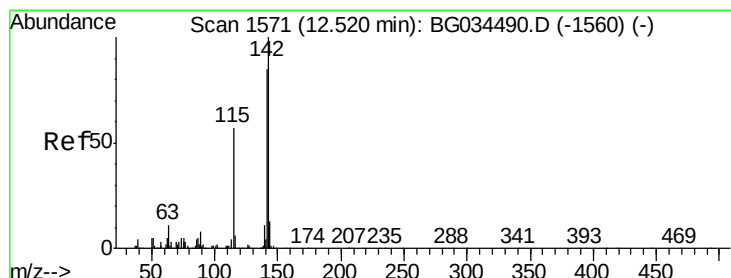
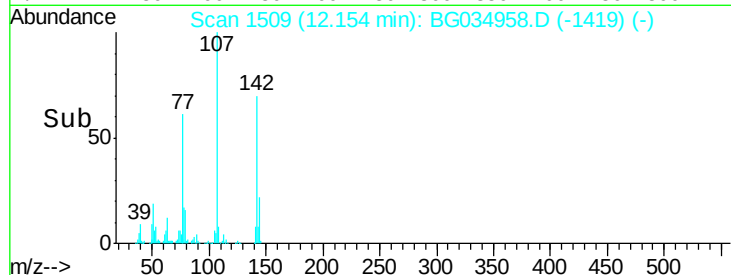
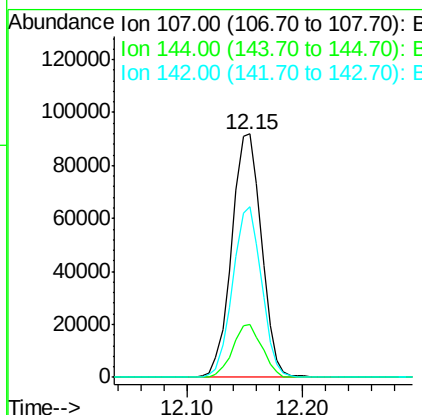
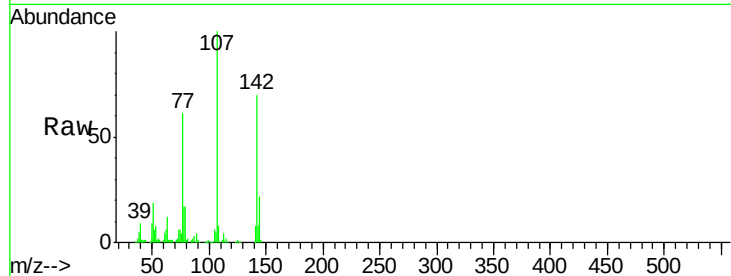




#36
4-Chloro-3-methylphenol
Concen: 50.46 ng
RT: 12.15 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

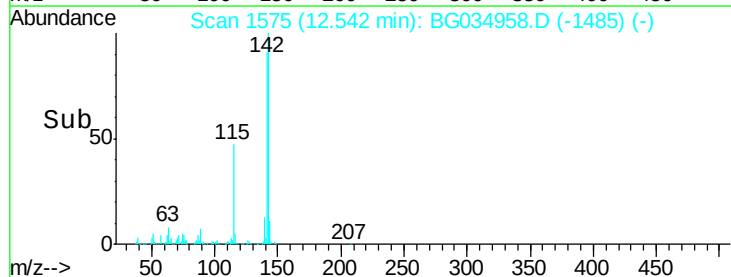
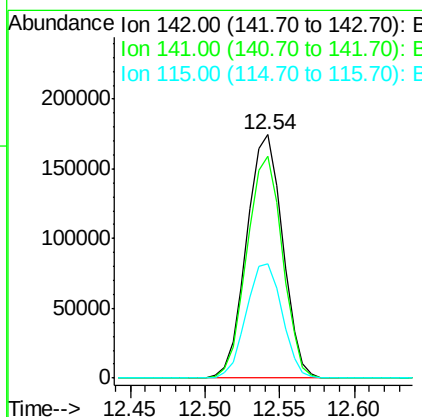
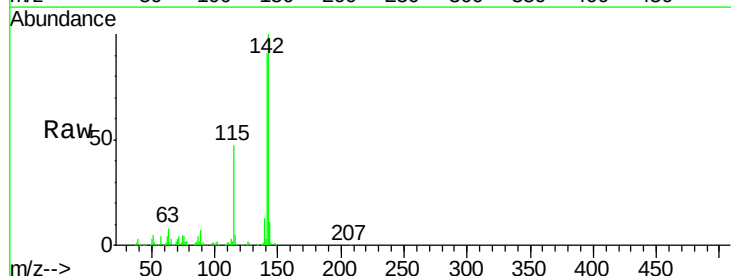
Instrument :
BNA_G
ClientSampleId :

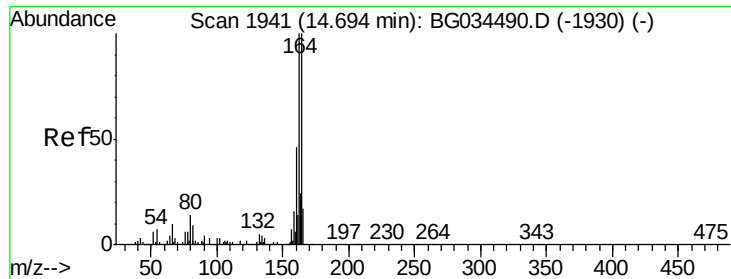
Tot Ion:107 Resp: 164647
Ion Ratio Lower Upper
107 100
144 21.5 18.2 27.4
142 70.0 59.0 88.4



#37
2-Methylnaphthalene
Concen: 47.85 ng
RT: 12.54 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion:142 Resp: 290466
Ion Ratio Lower Upper
142 100
141 91.1 67.1 100.7
115 46.8 30.7 46.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampleId :

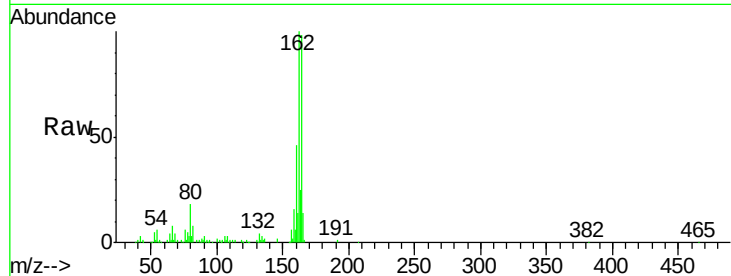
Tot Ion:164 Resp: 104802

Ion Ratio Lower Upper

164 100

162 102.4 78.8 118.2

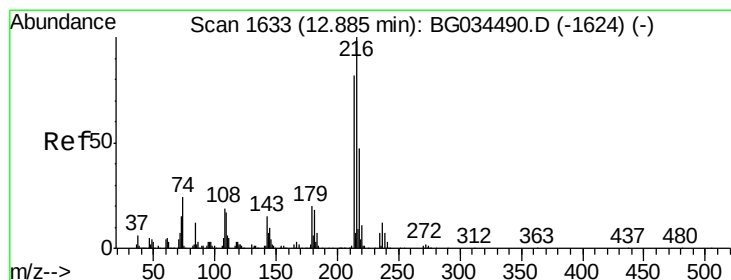
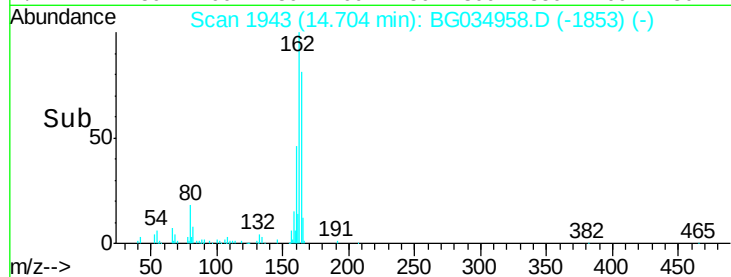
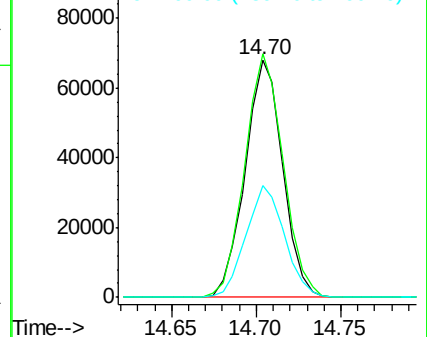
160 47.2 35.4 53.0



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: 52.11 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Tgt Ion:216 Resp: 203423

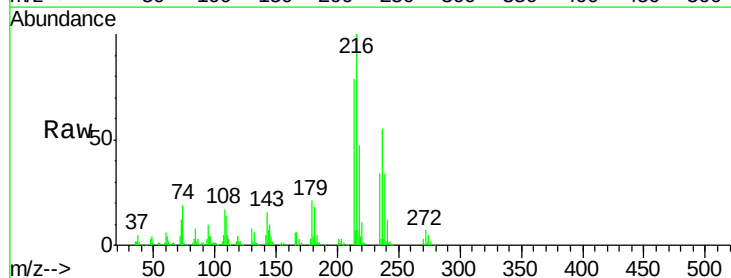
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 21.0 17.0 25.6

108 18.6 12.8 19.2

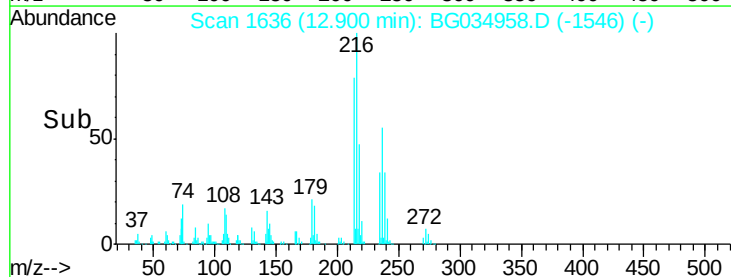
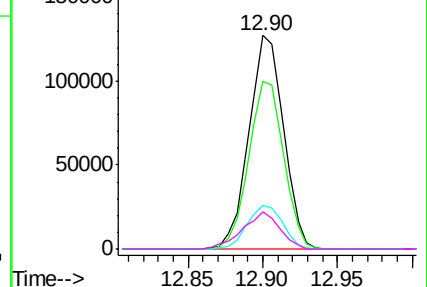


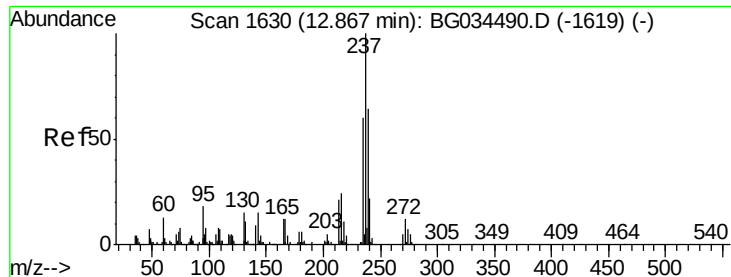
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 109.31 ng

RT: 12.89 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampleId :

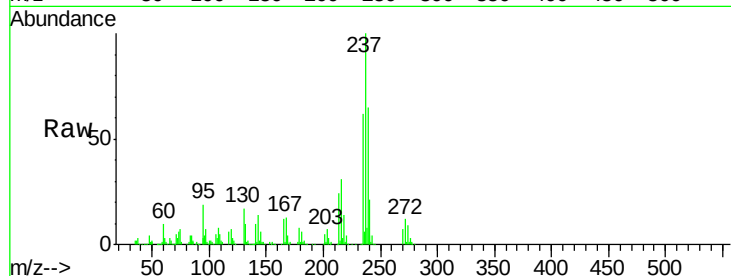
Tot Ion:237 Resp: 267597

Ion Ratio Lower Upper

237 100

235 62.0 50.4 90.4

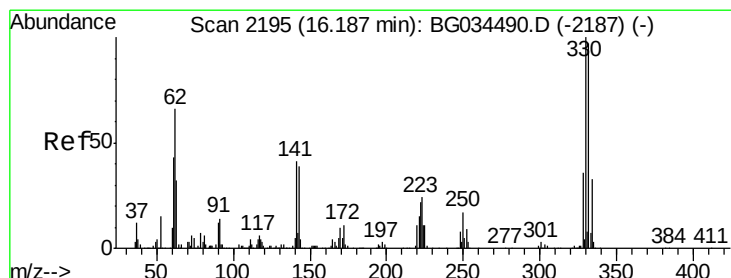
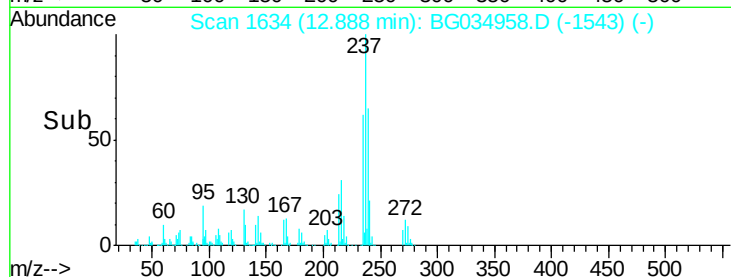
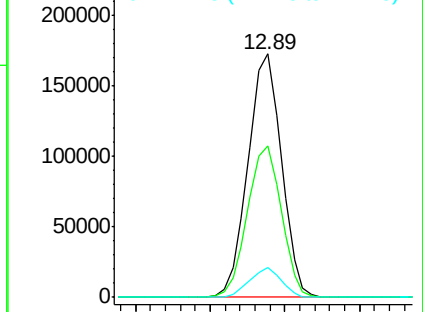
272 12.1 0.0 31.8



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: 159.63 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

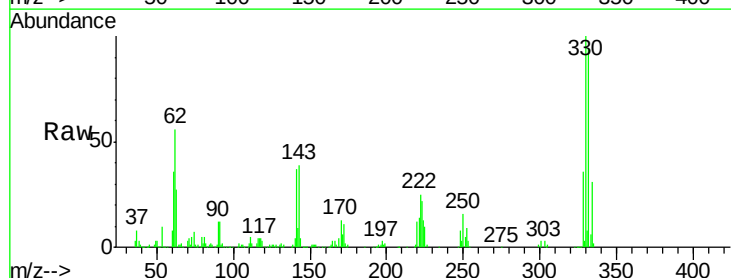
Tgt Ion:330 Resp: 214164

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

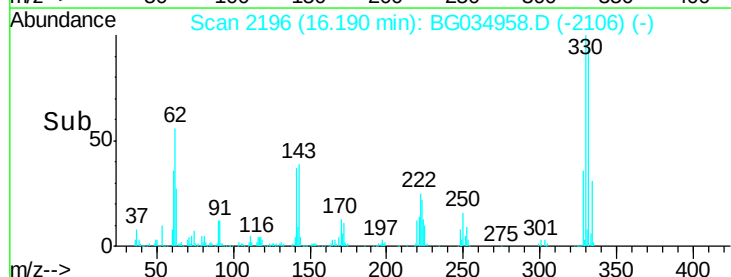
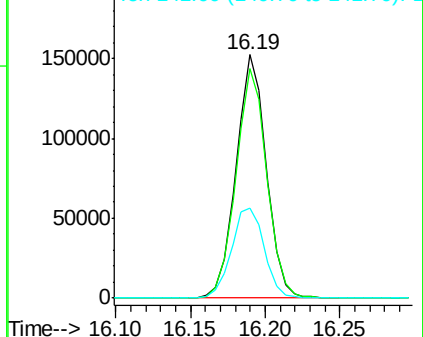
141 40.5 25.2 37.8#

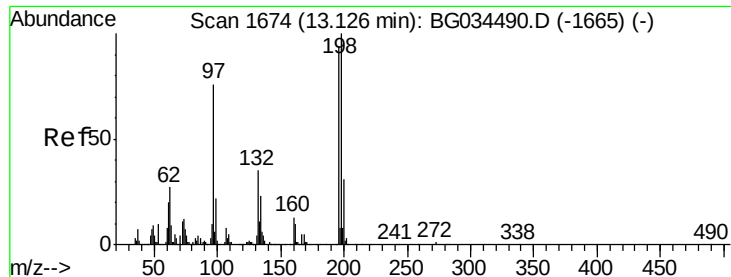


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

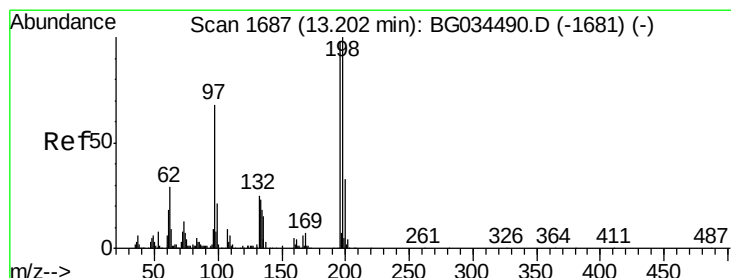
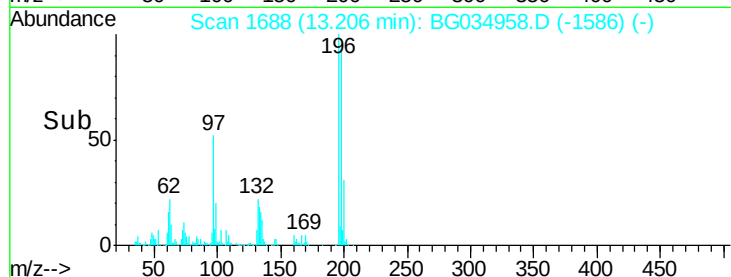
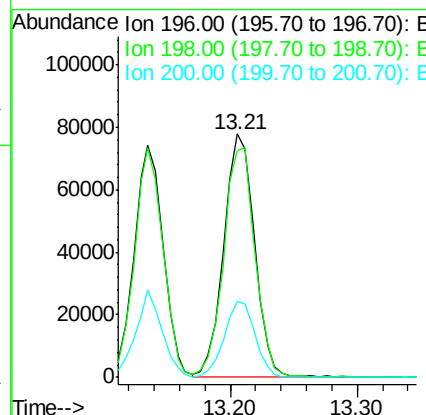
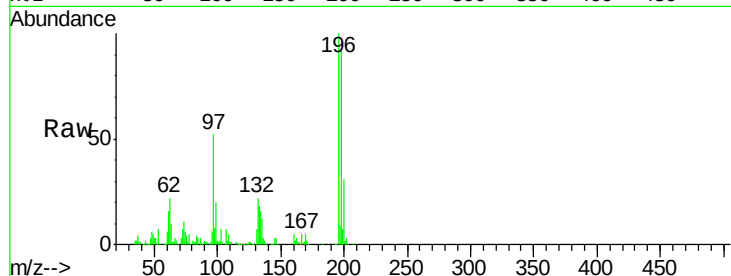




#42
2,4,6-Trichlorophenol
Concen: 55.87 ng
RT: 13.21 min Scan# 1688
Delta R.T. 0.07 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

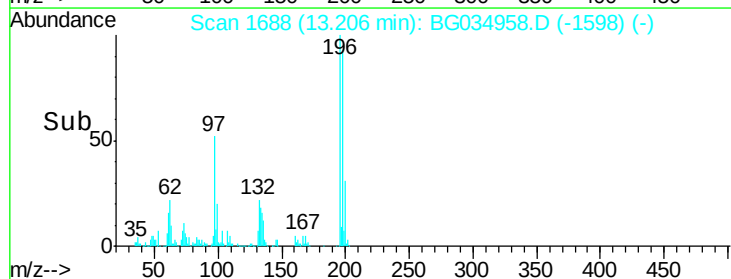
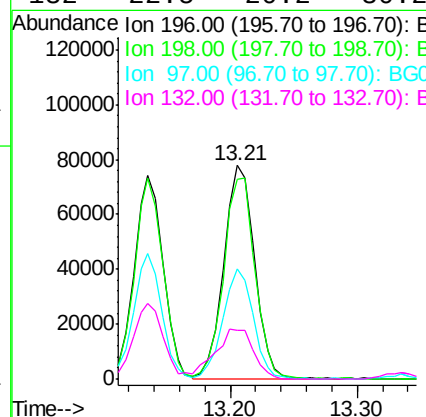
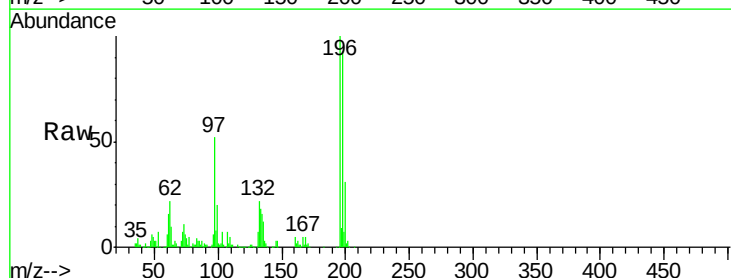
Instrument :
BNA_G
ClientSampled :

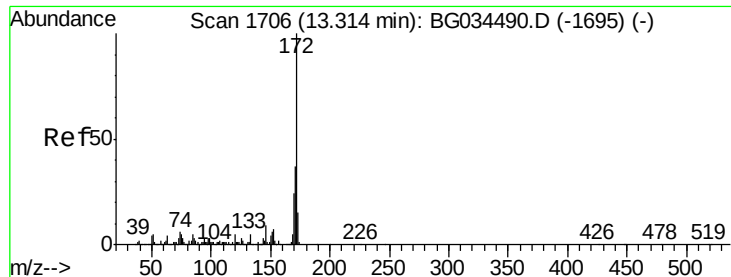
Tot Ion:196 Resp: 130591
Ion Ratio Lower Upper
196 100
198 93.4 78.2 117.2
200 31.1 24.6 36.8



#43
2,4,5-Trichlorophenol
Concen: 50.90 ng
RT: 13.21 min Scan# 1688
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion:196 Resp: 130591
Ion Ratio Lower Upper
196 100
198 93.4 76.2 114.4
97 51.6 38.7 58.1
132 22.5 20.2 30.2

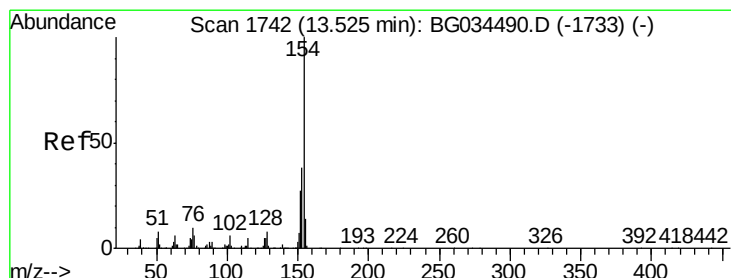
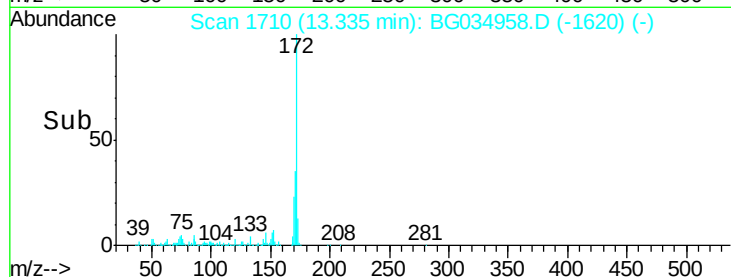
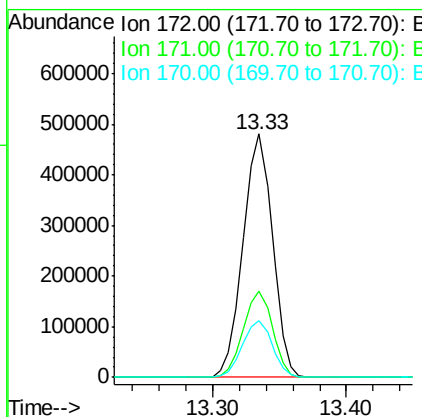
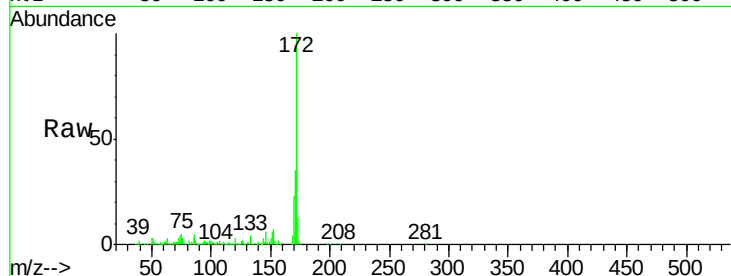




#44
2-Fluorobiphenyl
Concen: 90.87 ng
RT: 13.33 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

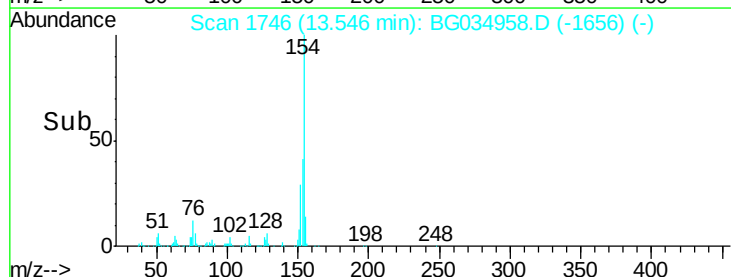
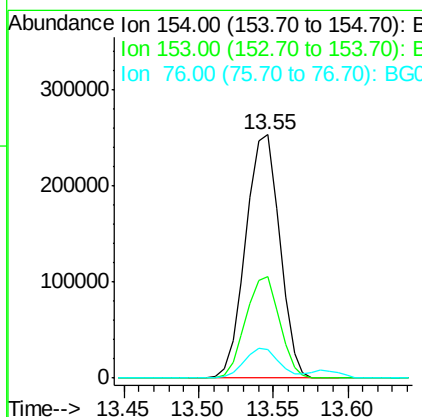
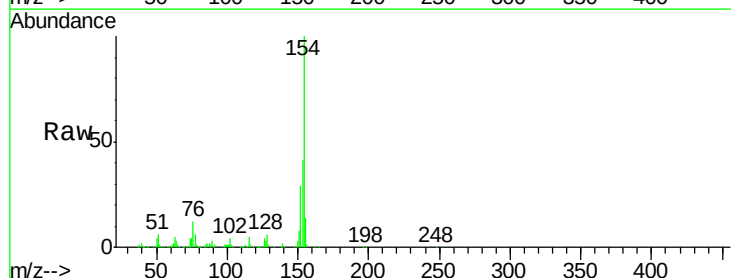
Instrument :
BNA_G
ClientSampleId :

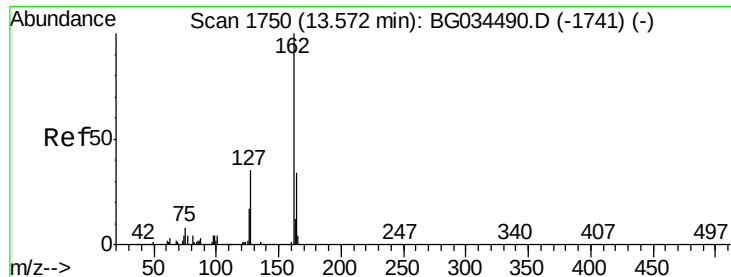
Tot Ion:172 Resp: 732546
Ion Ratio Lower Upper
172 100
171 35.3 30.0 45.0
170 23.2 19.5 29.3



#45
1,1'-Biphenyl
Concen: 47.39 ng
RT: 13.55 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion:154 Resp: 399358
Ion Ratio Lower Upper
154 100
153 41.5 19.8 59.8
76 11.7 0.0 31.9

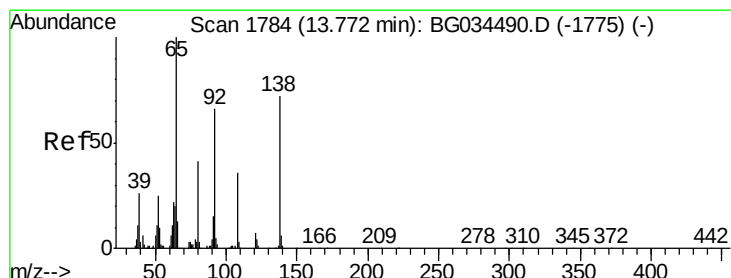
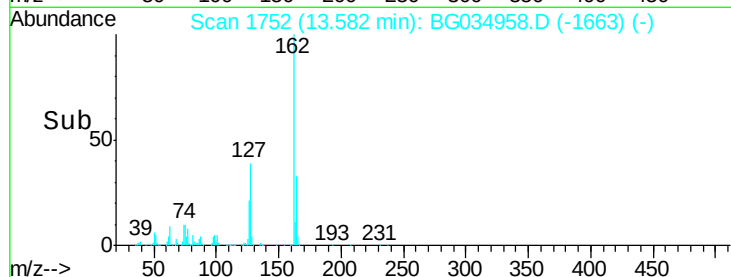
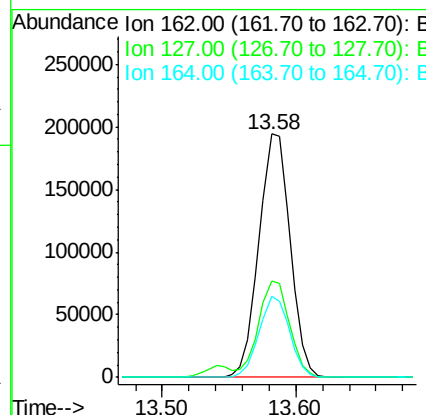
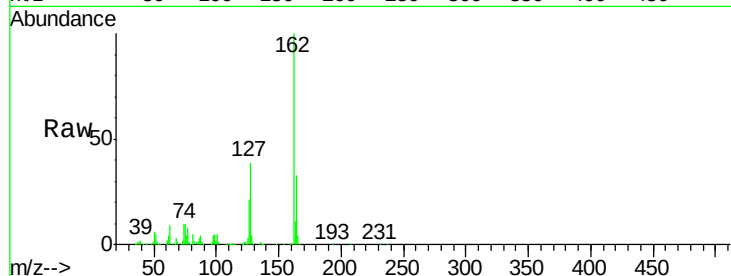




#46
2-Chloronaphthalene
Concen: 49.34 ng
RT: 13.58 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

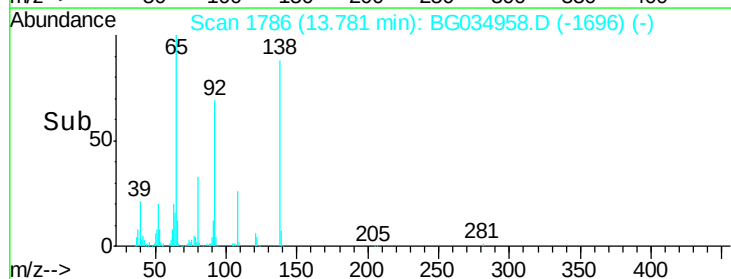
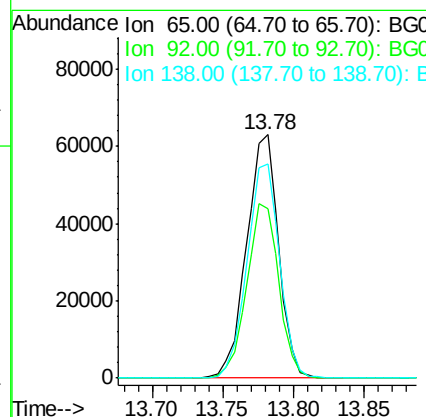
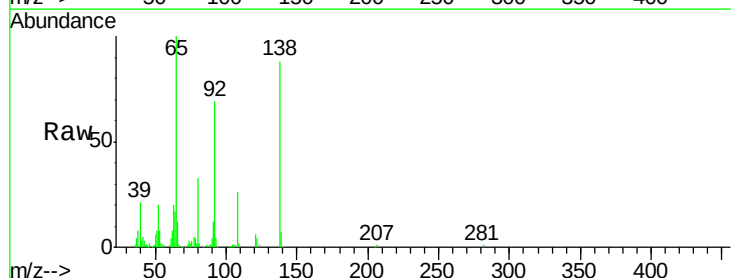
Instrument :
BNA_G
ClientSampleId :

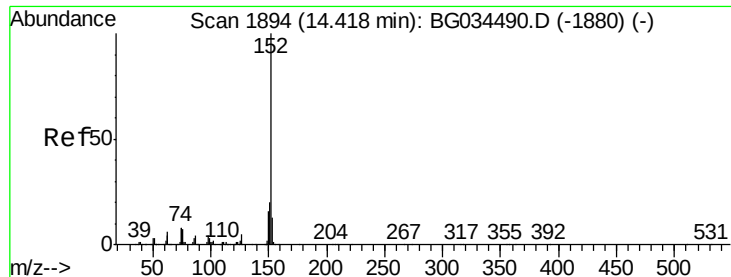
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	30.7	46.1
164	33.4	26.0	39.0



#47
2-Nitroaniline
Concen: 53.18 ng
RT: 13.78 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	54.6	82.0
138	87.9	72.9	109.3





#48

Acenaphthylene

Concen: 48.24 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampleId :

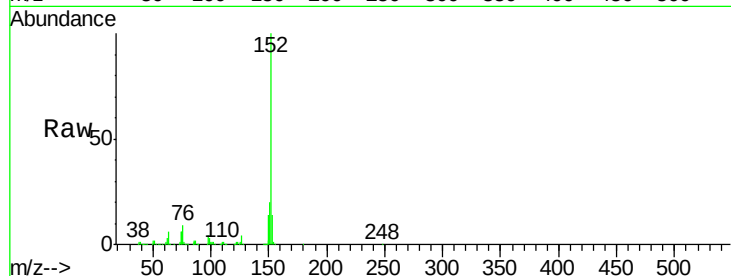
Tot Ion:152 Resp: 515414

Ion Ratio Lower Upper

152 100

151 19.6 17.2 25.8

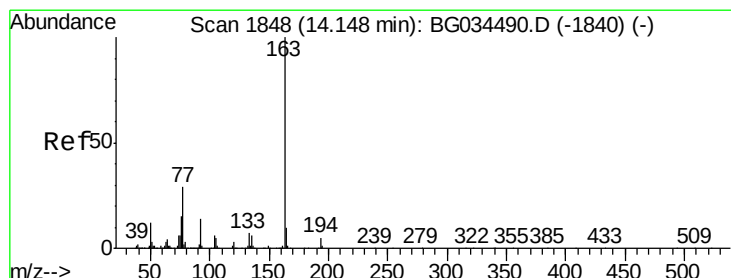
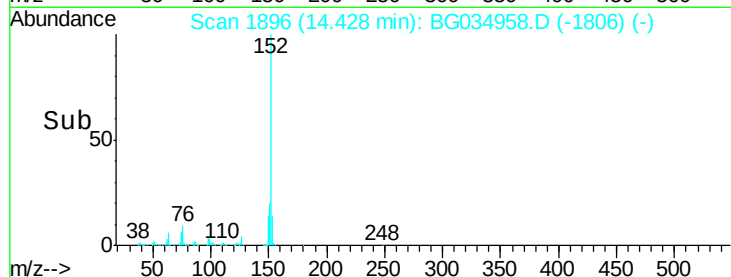
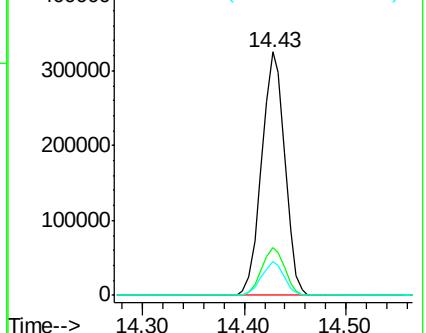
153 13.9 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 45.56 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

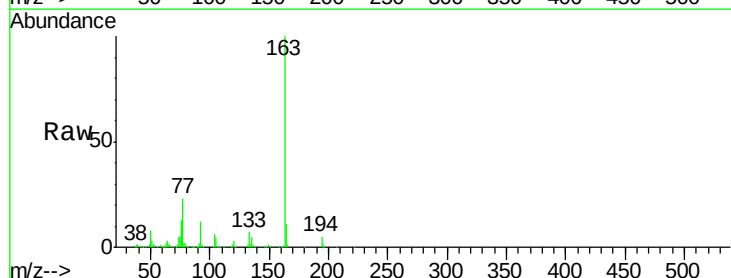
Tgt Ion:163 Resp: 416367

Ion Ratio Lower Upper

163 100

194 5.2 3.4 5.2#

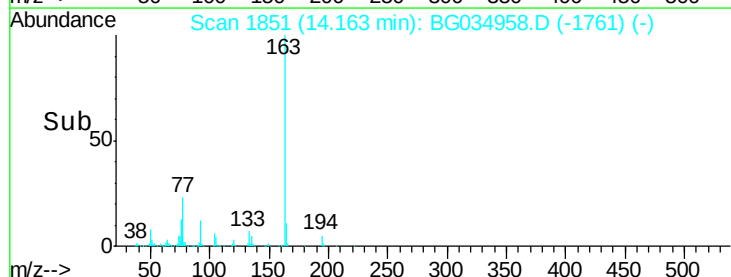
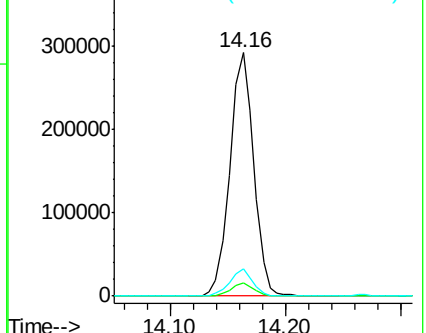
164 11.0 8.2 12.4

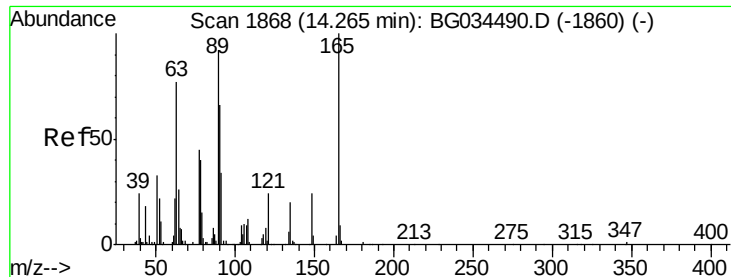


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

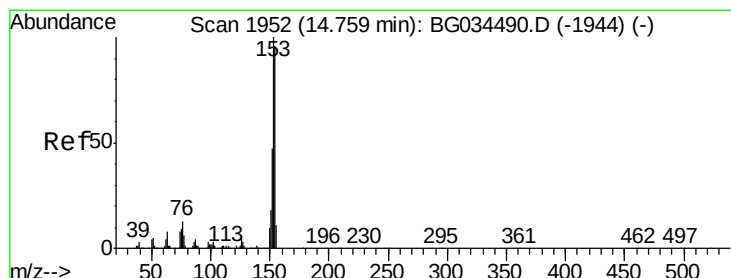
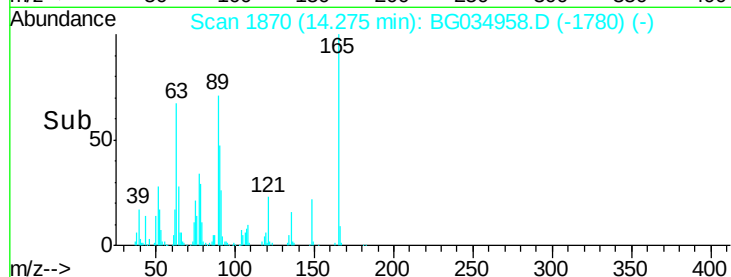
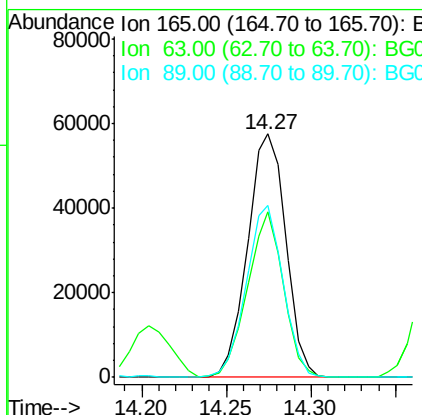
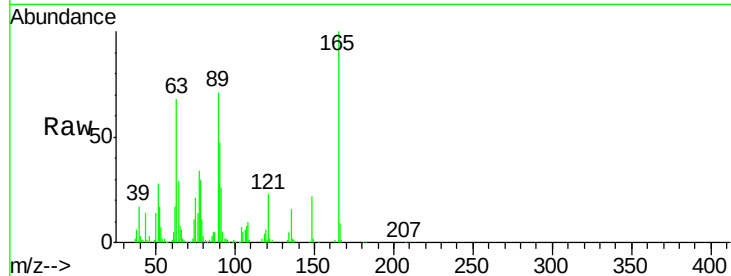




#50
2,6-Dinitrotoluene
Concen: 54.11 ng
RT: 14.27 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

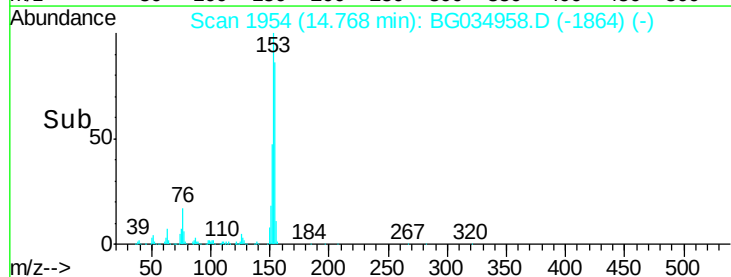
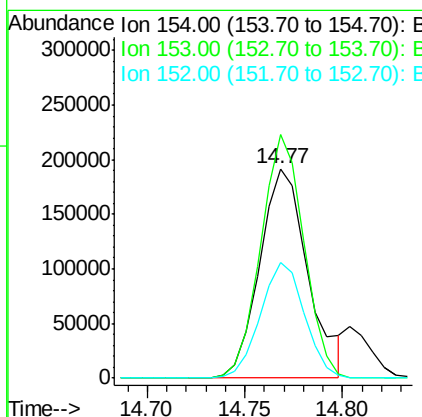
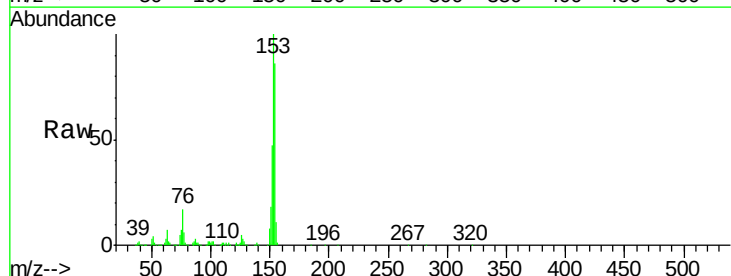
Instrument :
BNA_G
ClientSampleId :

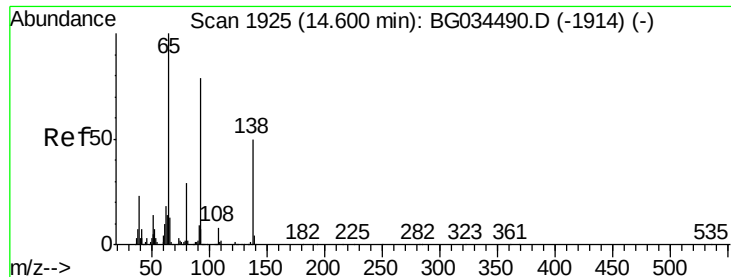
Tot Ion:165 Resp: 90211
Ion Ratio Lower Upper
165 100
63 68.1 52.7 79.1
89 70.7 49.2 73.8



#51
Acenaphthene
Concen: 46.82 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion:154 Resp: 326801
Ion Ratio Lower Upper
154 100
153 116.4 90.4 135.6
152 55.0 41.6 62.4

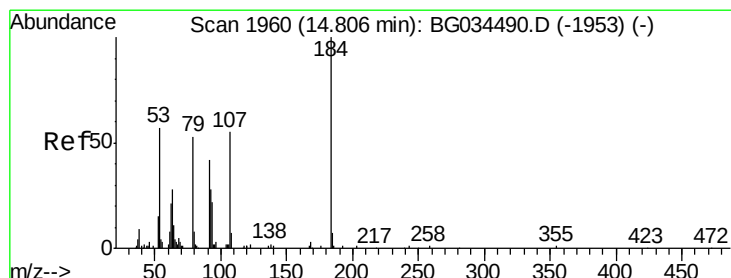
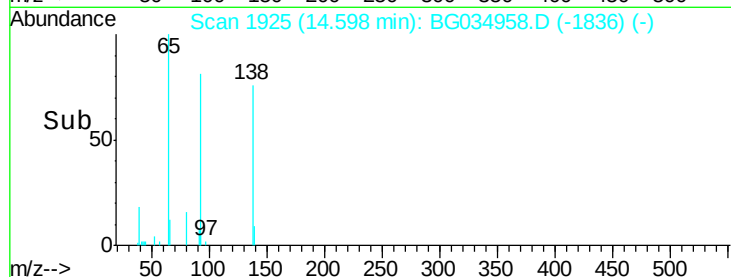
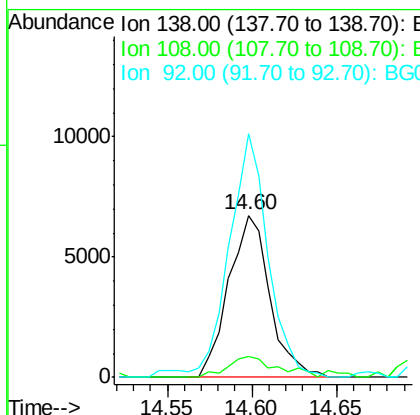
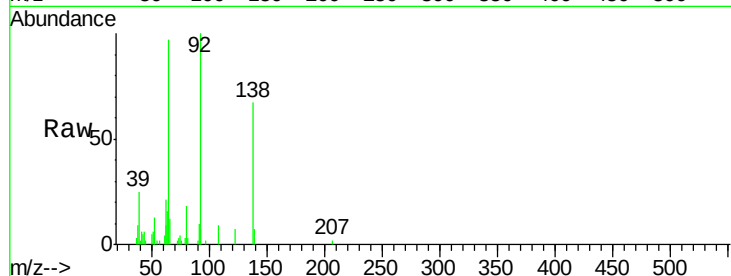




#52
3-Nitroaniline
Concen: 6.97 ng
RT: 14.60 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

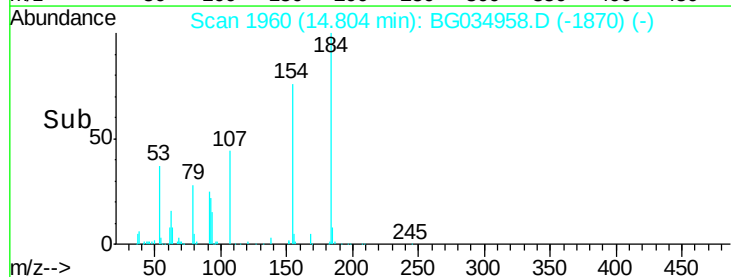
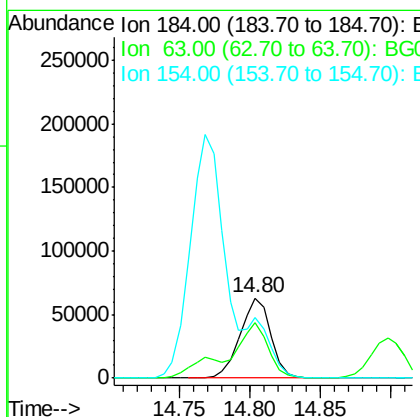
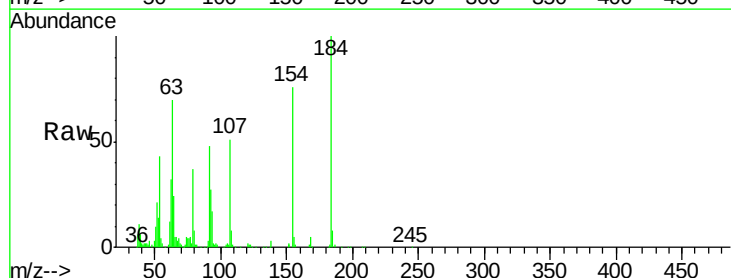
Instrument :
BNA_G
ClientSampleId :

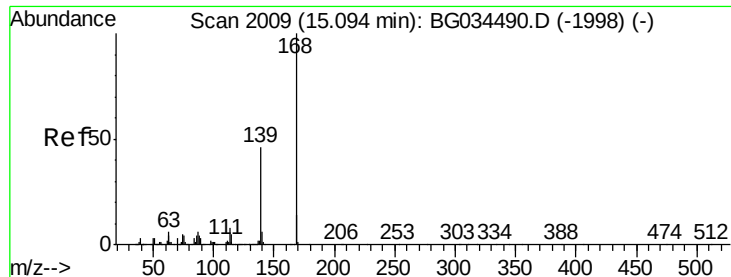
Tot Ion:138 Resp: 11408
Ion Ratio Lower Upper
138 100
108 12.9 17.5 26.3#
92 150.2 105.8 158.8



#53
2,4-Dinitrophenol
Concen: 141.78 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion:184 Resp: 95667
Ion Ratio Lower Upper
184 100
63 70.0 59.8 89.8
154 75.7 101.8 152.8#

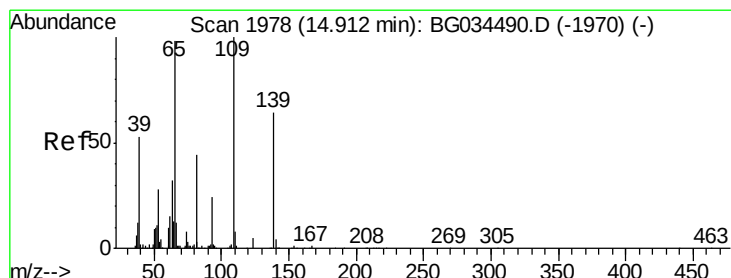
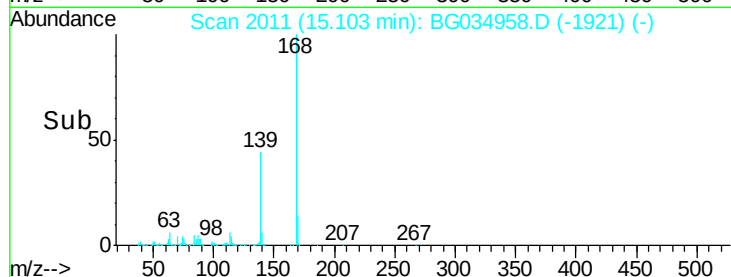
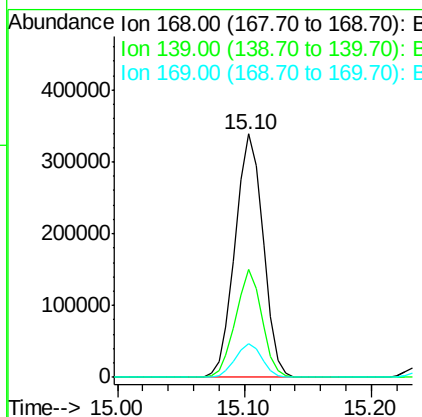
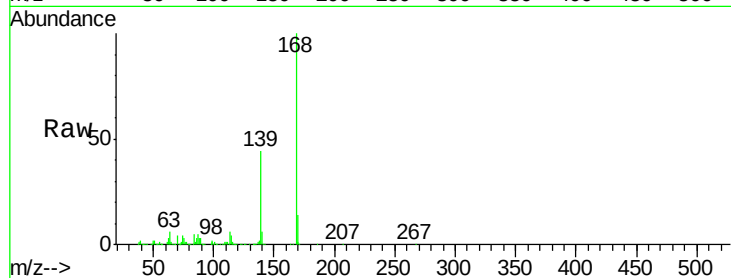




#54
Dibenzofuran
Concen: 49.44 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

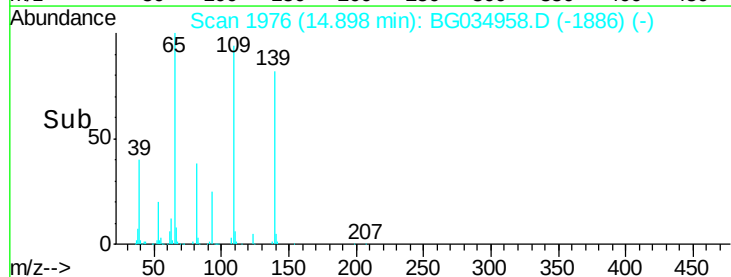
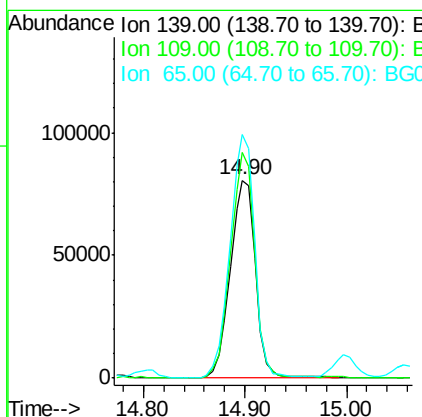
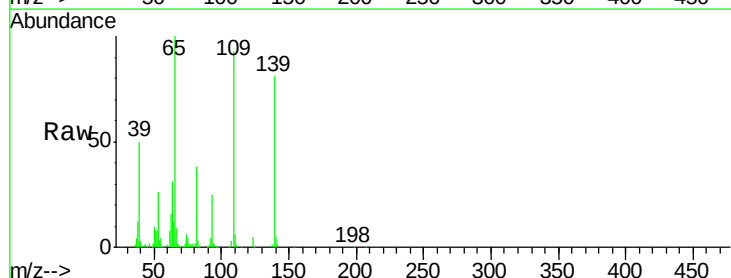
Instrument :
BNA_G
ClientSampled :

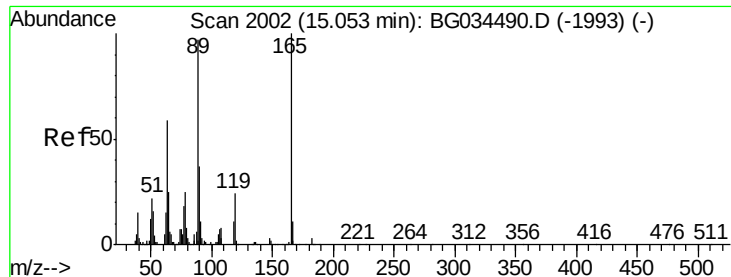
Tot Ion	Ratio	Lower	Upper
168	100		
139	44.2	28.6	43.0#
169	13.8	11.2	16.8



#55
4-Nitrophenol
Concen: 100.14 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	114.0	62.2	102.2#
65	123.1	97.2	137.2

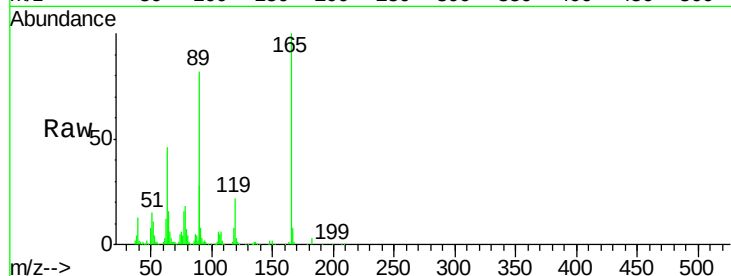




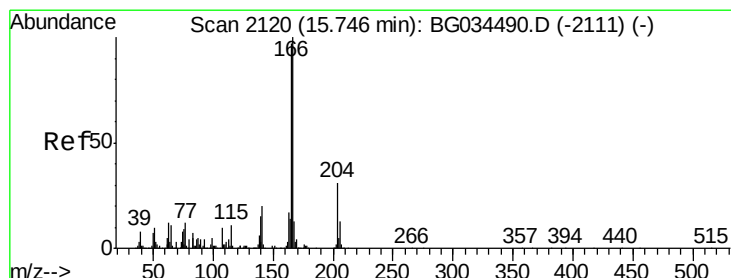
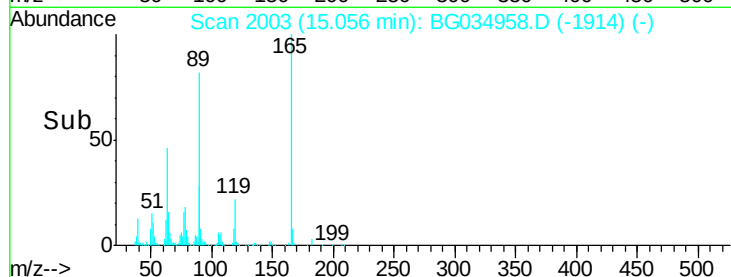
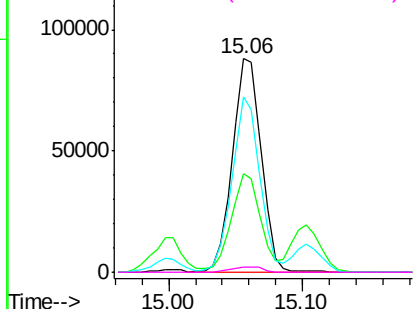
#56
2,4-Dinitrotoluene
Concen: 59.96 ng
RT: 15.06 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 132790
Ion Ratio Lower Upper
165 100
63 46.1 42.0 63.0
89 81.9 66.9 100.3
182 2.6 2.6 3.8

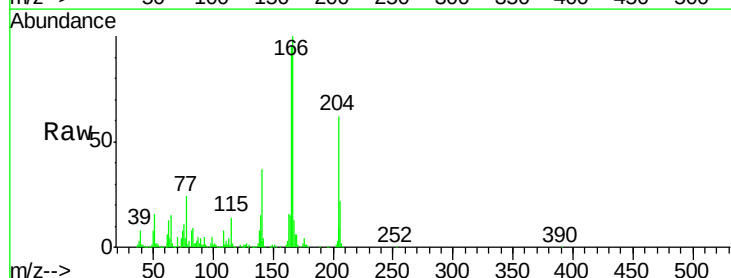


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

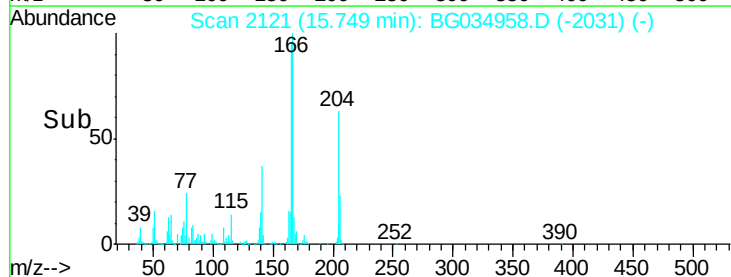
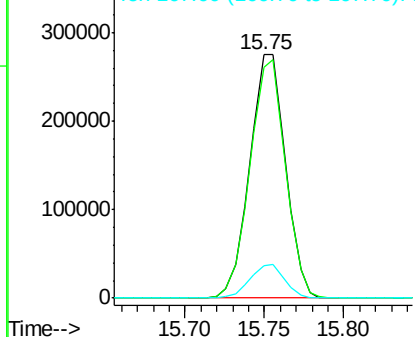


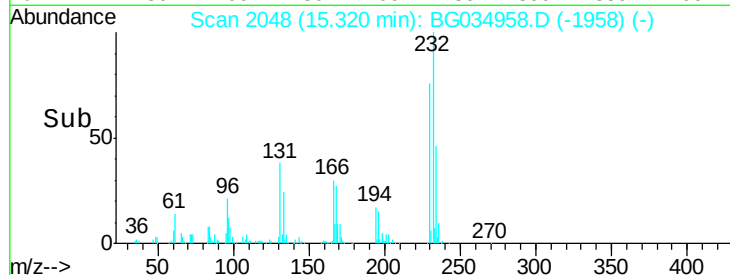
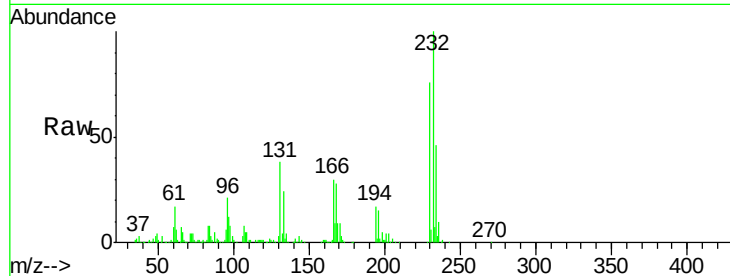
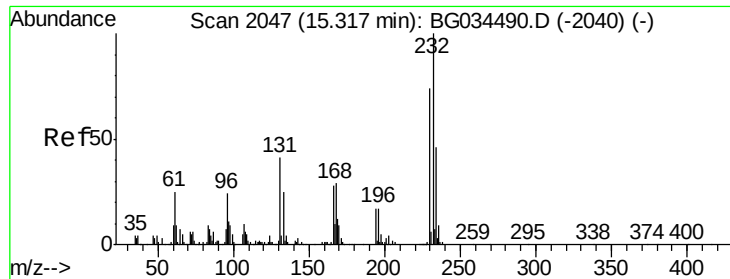
#57
Fluorene
Concen: 49.37 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion:166 Resp: 431323
Ion Ratio Lower Upper
166 100
165 94.9 80.6 121.0
167 13.2 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

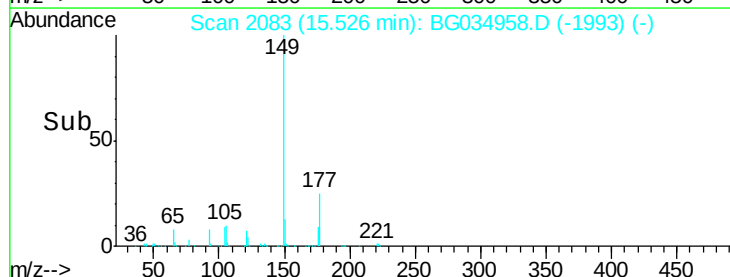
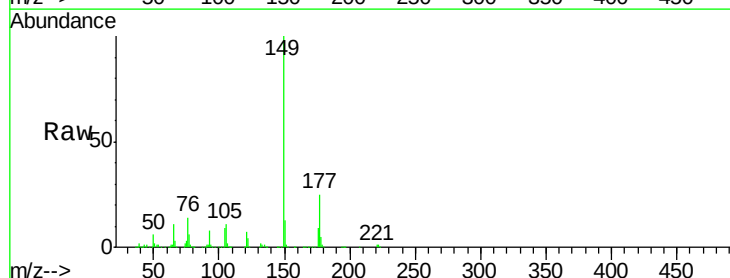
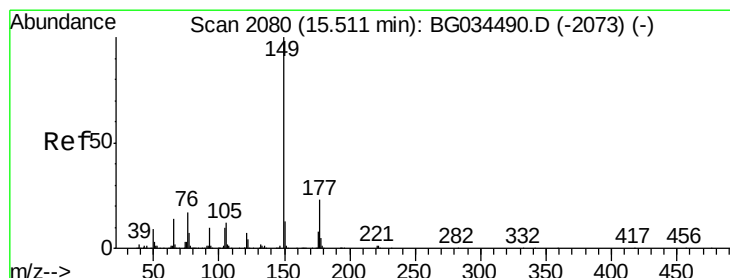
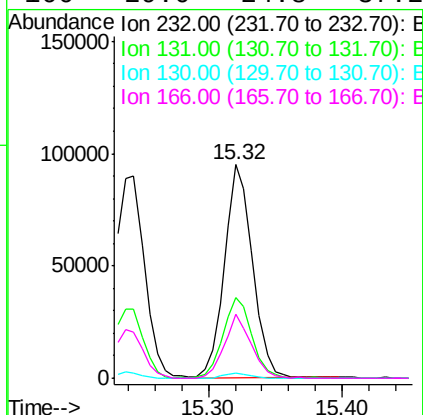




#58
2,3,4,6-Tetrachlorophenol
Concen: 56.02 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

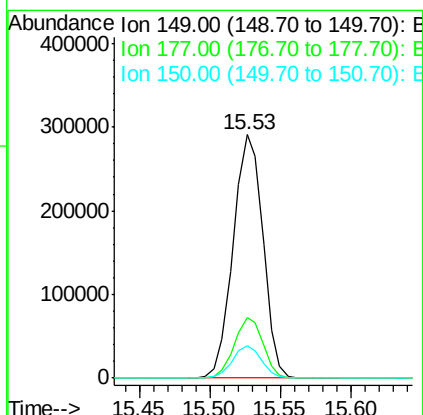
Instrument :
BNA_G
ClientSampleId :

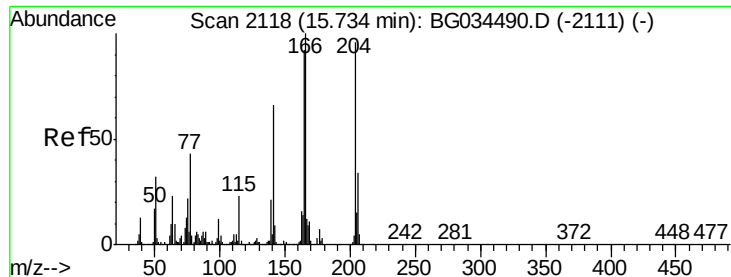
Tot Ion	Ratio	Lower	Upper
232	100		
131	38.9	33.5	50.3
130	2.7	2.2	3.2
166	29.0	24.8	37.2



#59
Diethylphthalate
Concen: 45.66 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.9	18.5	27.7
150	13.2	10.2	15.2

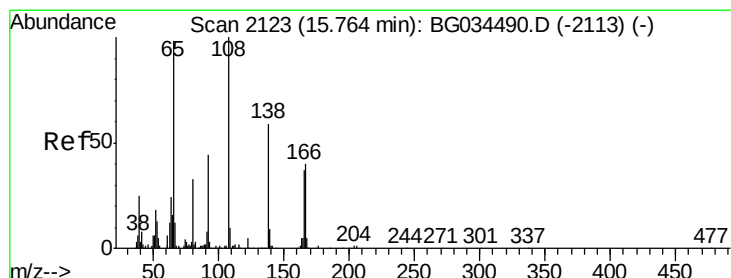
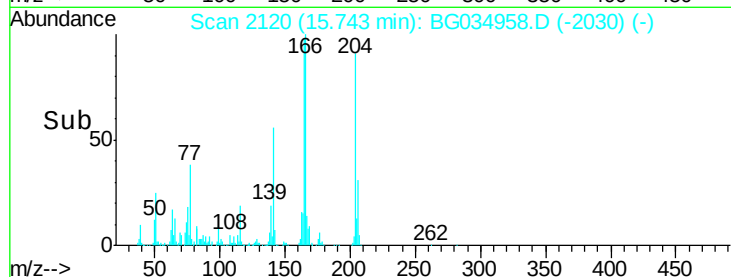
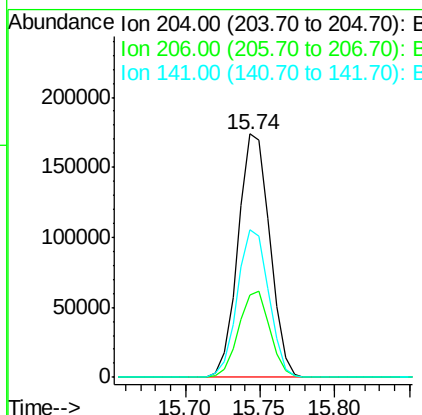
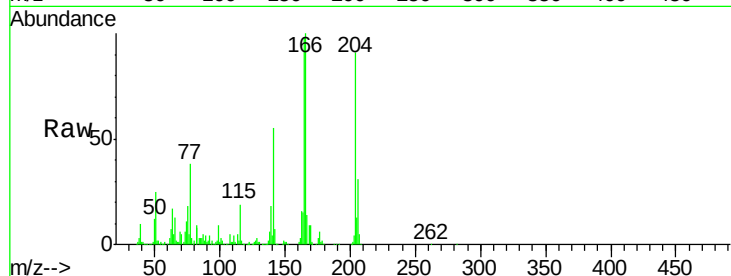




#60
4-Chlorophenyl-phenylether
Concen: 51.29 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

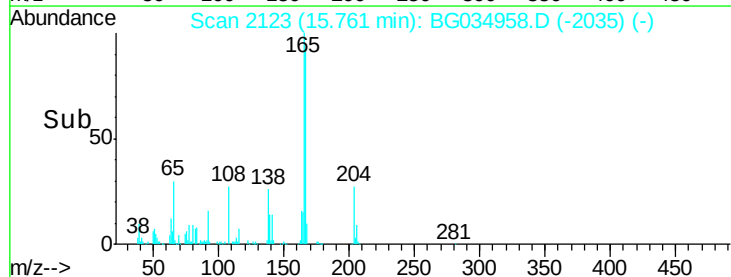
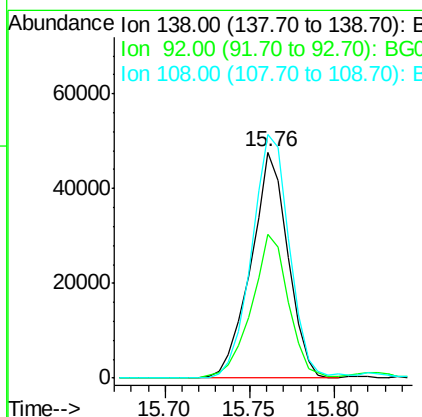
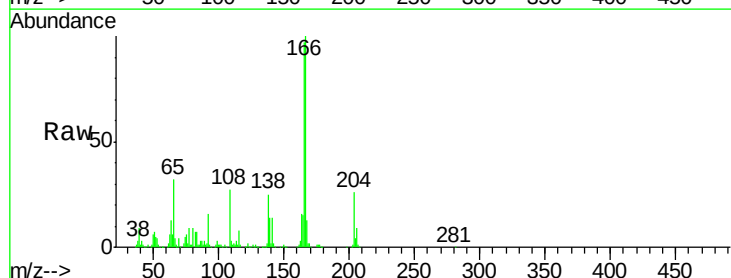
Instrument :
BNA_G
ClientSampled :

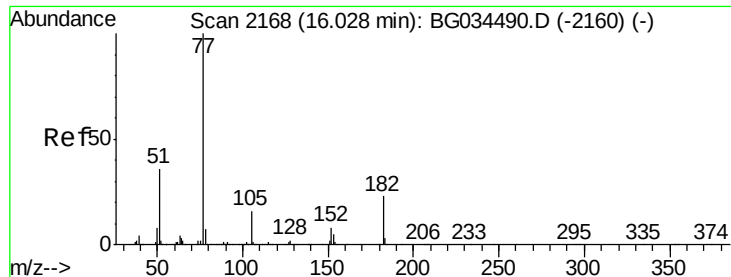
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.2	39.2
141	60.9	45.8	68.6



#61
4-Nitroaniline
Concen: 41.17 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	63.7	40.1	80.1
108	107.8	65.4	105.4





#62

Azobenzene

Concen: 50.40 ng

RT: 16.04 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 460544

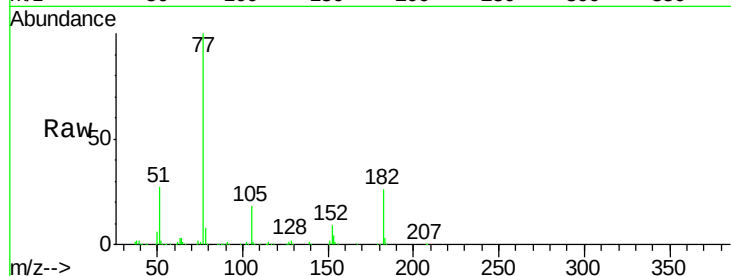
Ion Ratio Lower Upper

77 100

182 25.8 7.4 47.4

105 17.7 0.3 40.3

51 26.6 11.6 51.6

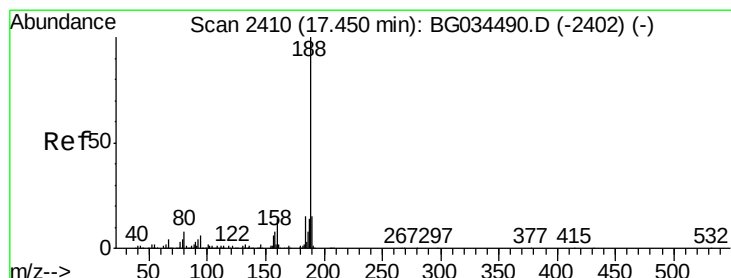
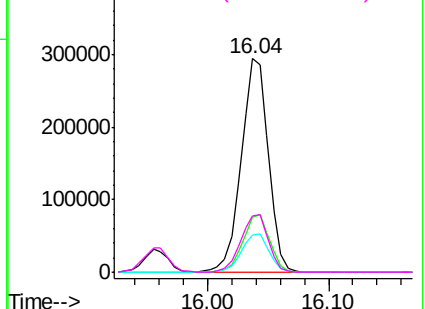
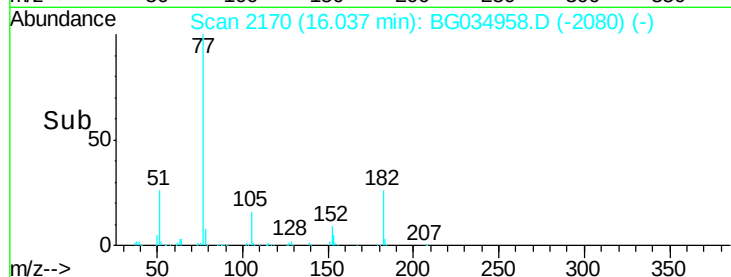


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.45 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

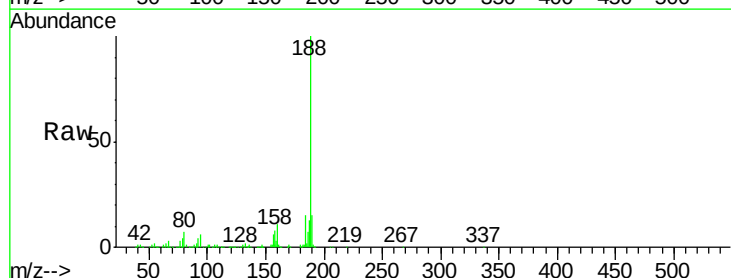
Tgt Ion: 188 Resp: 277918

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

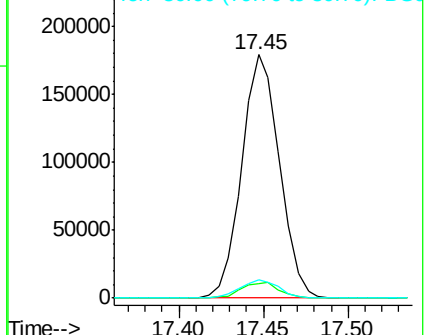
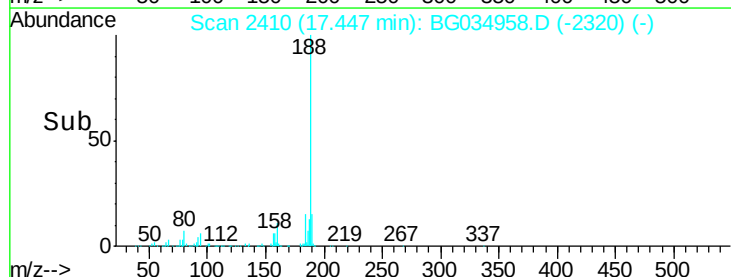
80 7.5 7.7 11.5#

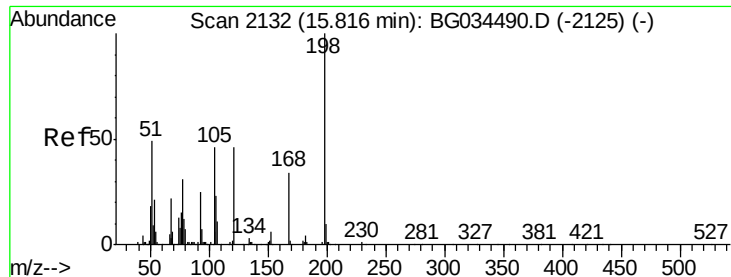


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 57.59 ng

RT: 15.82 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampleId :

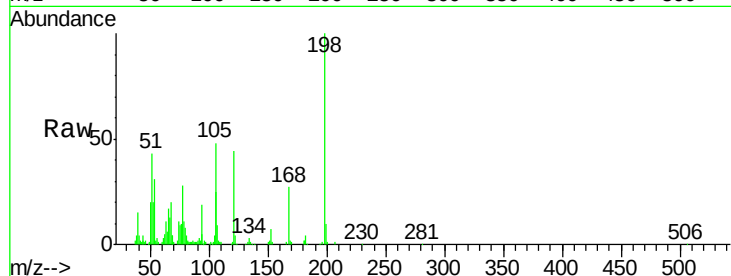
Tot Ion:198 Resp: 73074

Ion Ratio Lower Upper

198 100

51 43.0 30.6 70.6

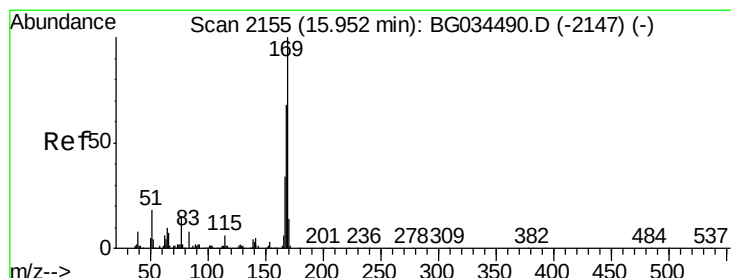
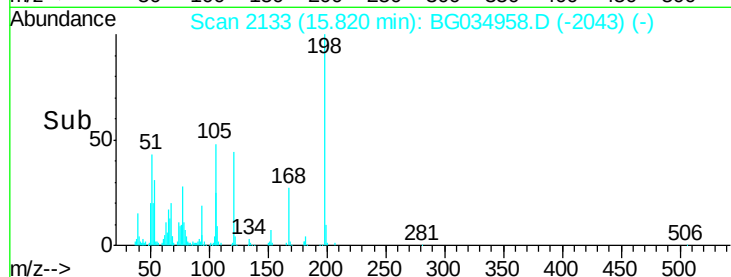
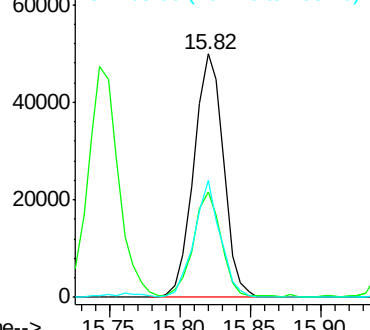
105 48.3 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG034490.D (-2125) (-)

Ion 105.00 (104.70 to 105.70): BG034490.D (-2125) (-)



#65

n-Nitrosodiphenylamine

Concen: 42.45 ng

RT: 15.96 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

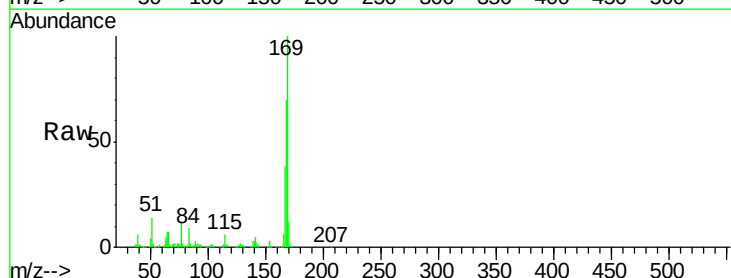
Tgt Ion:169 Resp: 354263

Ion Ratio Lower Upper

169 100

168 70.3 55.7 83.5

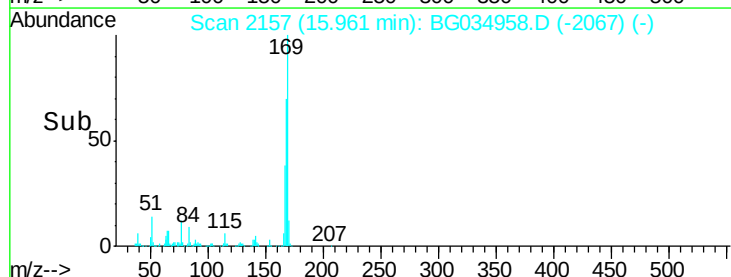
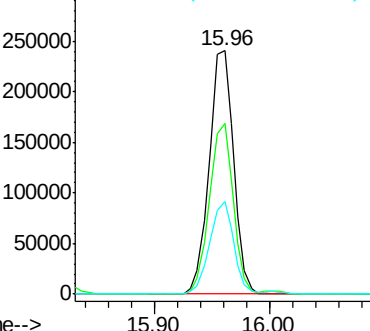
167 38.1 30.1 45.1

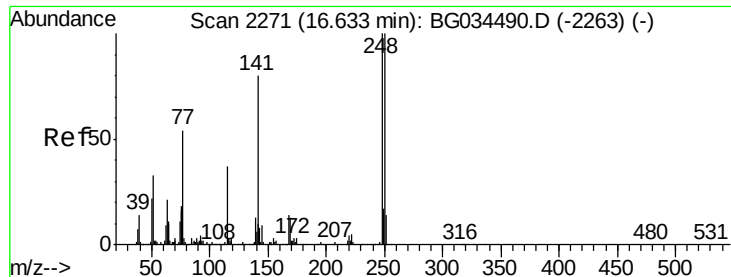


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG034490.D (-2147) (-)

Ion 167.00 (166.70 to 167.70): BG034490.D (-2147) (-)

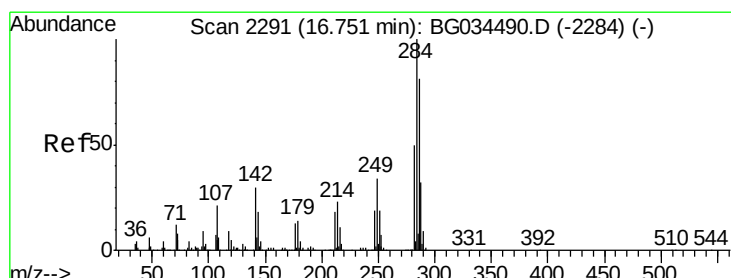
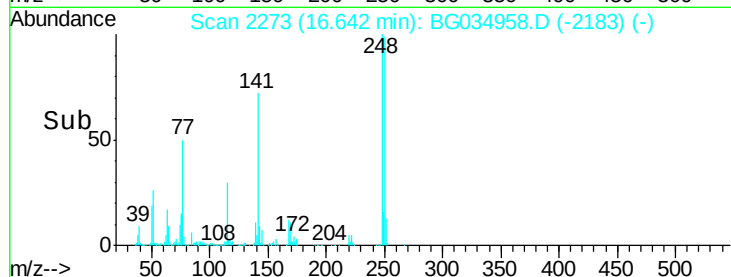
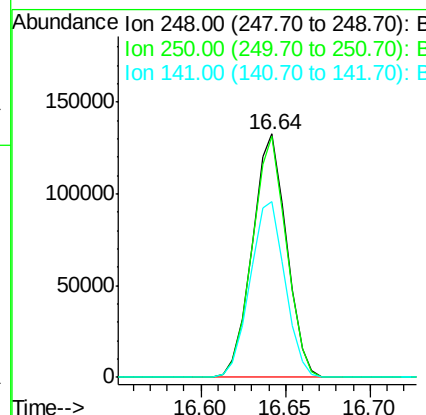
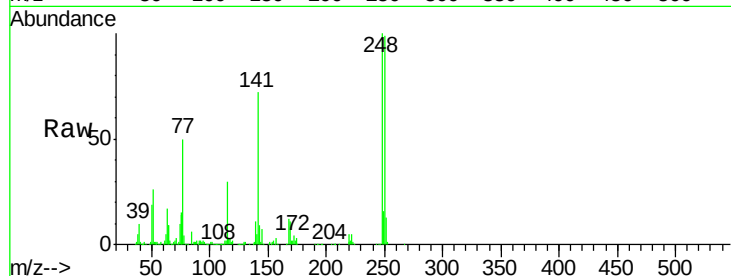




#66
4-Bromophenyl-phenylether
Concen: 55.96 ng
RT: 16.64 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

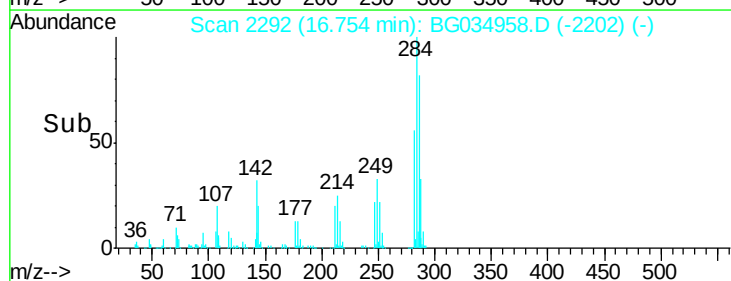
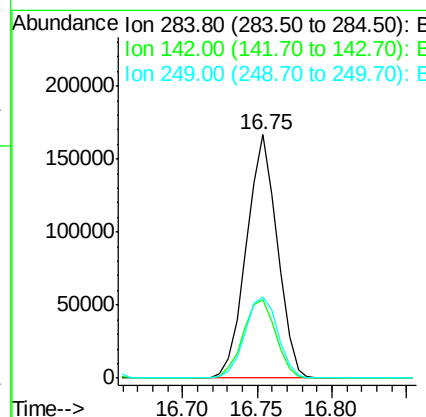
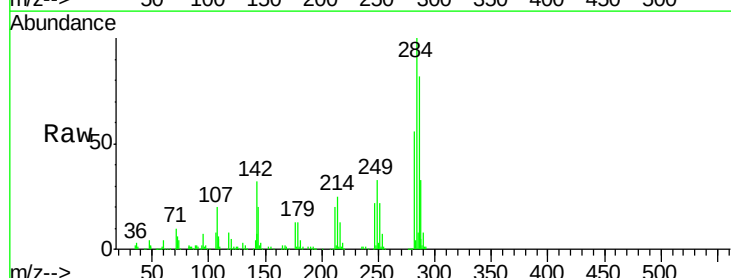
Instrument :
BNA_G
ClientSampleId :

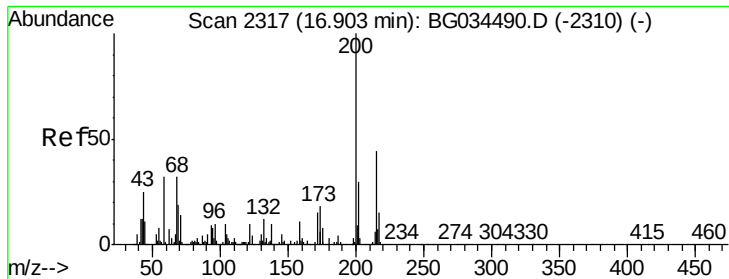
Tot Ion:248 Resp: 187274
Ion Ratio Lower Upper
248 100
250 99.0 77.1 115.7
141 72.2 50.8 76.2



#67
Hexachlorobenzene
Concen: 69.59 ng
RT: 16.75 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion:284 Resp: 237073
Ion Ratio Lower Upper
284 100
142 32.3 26.8 40.2
249 33.4 26.3 39.5

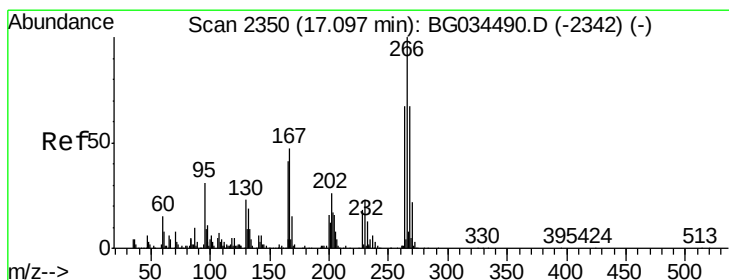
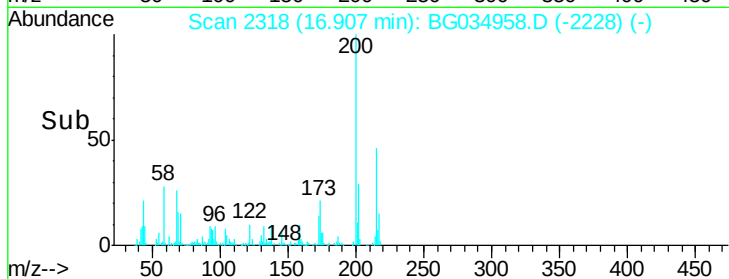
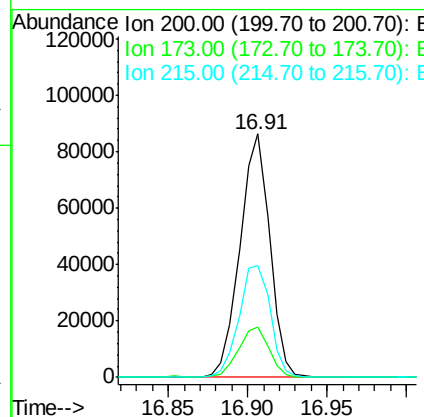
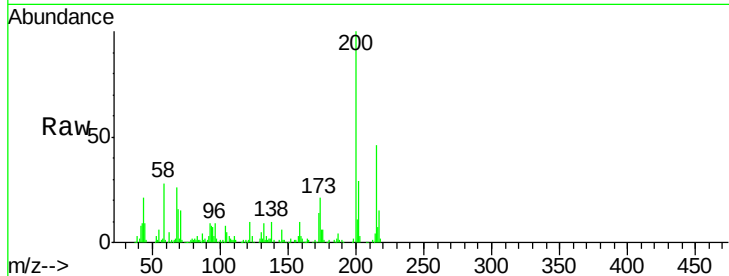




#68
Atrazine
Concen: 31.47 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

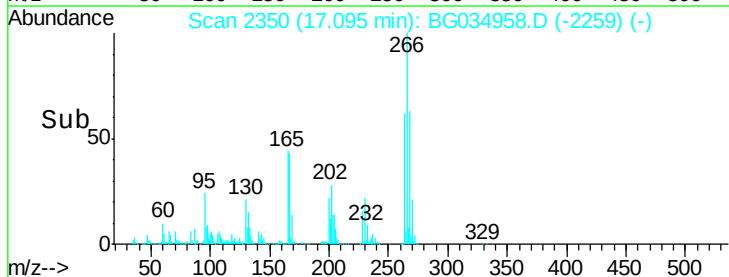
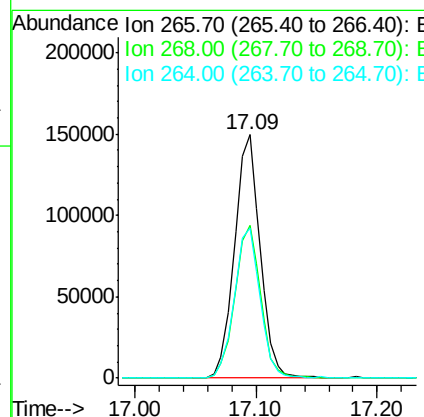
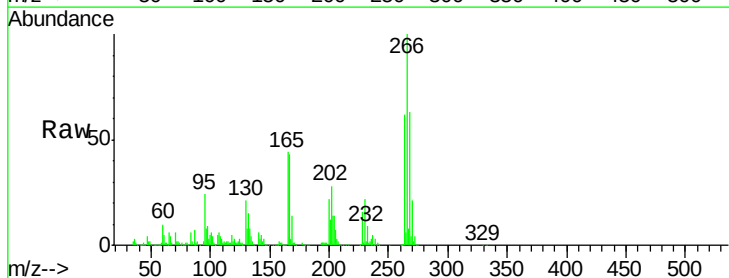
Instrument :
BNA_G
ClientSampleId :

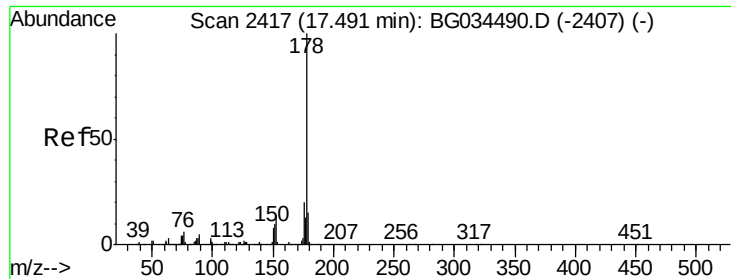
Tot Ion	Ratio	Lower	Upper
200	100		
173	20.8	5.2	45.2
215	45.8	30.4	70.4



#69
Pentachlorophenol
Concen: 96.74 ng
RT: 17.09 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	61.8	49.6	74.4

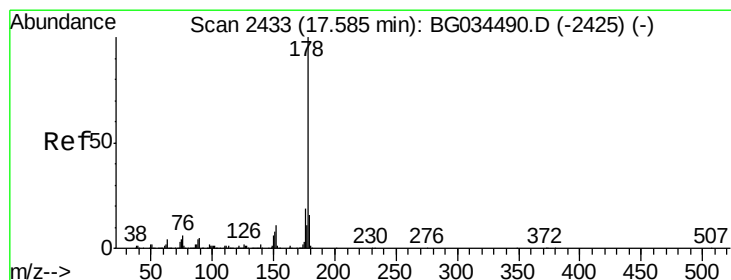
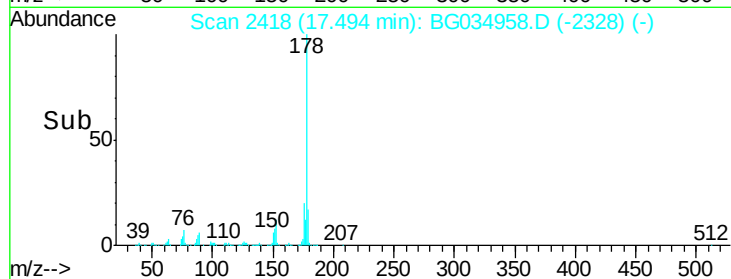
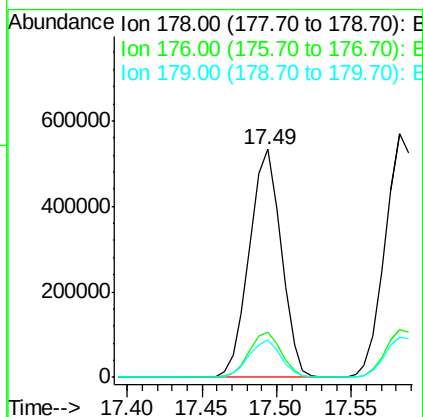
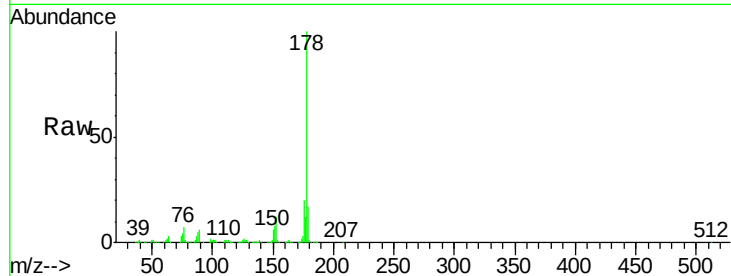




#70
Phenanthrene
Concen: 55.93 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

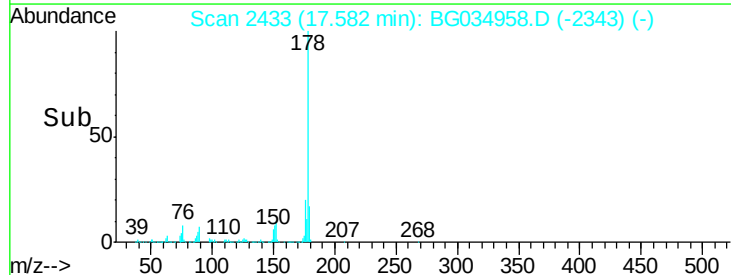
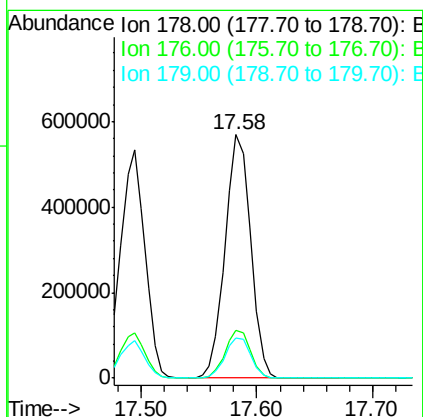
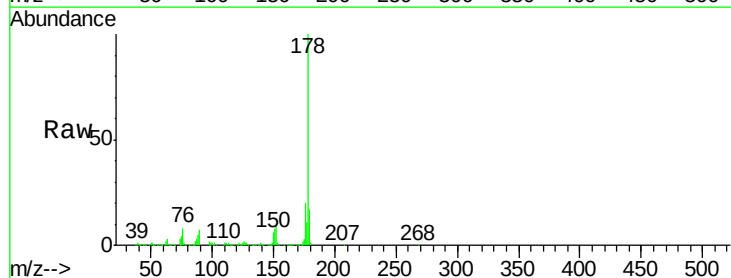
Instrument :
BNA_G
ClientSampleId :

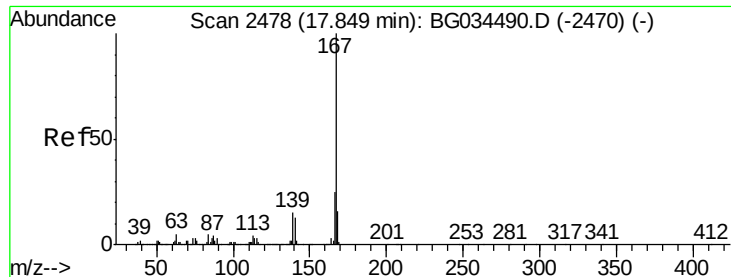
Tot Ion:178 Resp: 789612
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 16.7 12.5 18.7



#71
Anthracene
Concen: 61.88 ng
RT: 17.58 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion:178 Resp: 875009
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 16.7 12.5 18.7





#72

Carbazole

Concen: 48.58 ng

RT: 17.85 min Scan# 2478

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampleId :

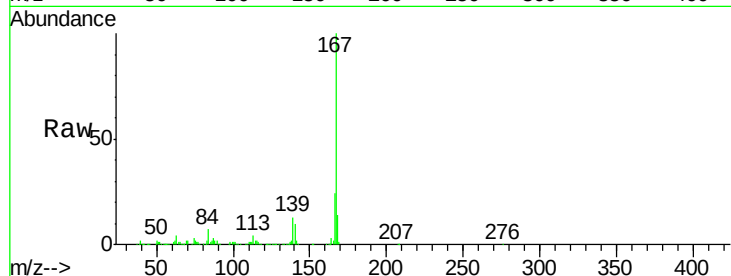
Tot Ion:167 Resp: 637376

Ion Ratio Lower Upper

167 100

166 23.7 18.2 27.4

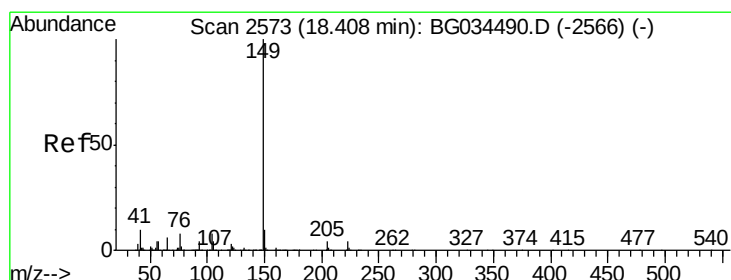
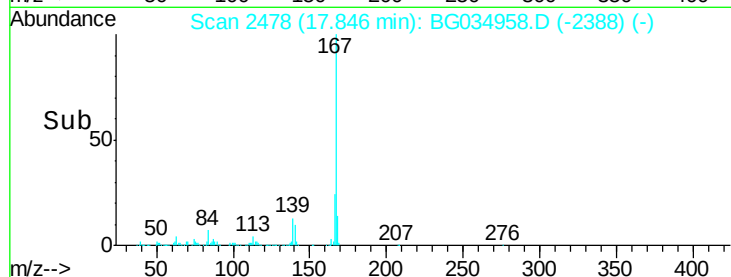
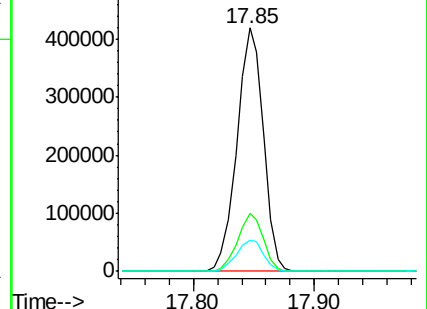
139 12.8 9.4 14.2



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: 55.41 ng

RT: 18.42 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

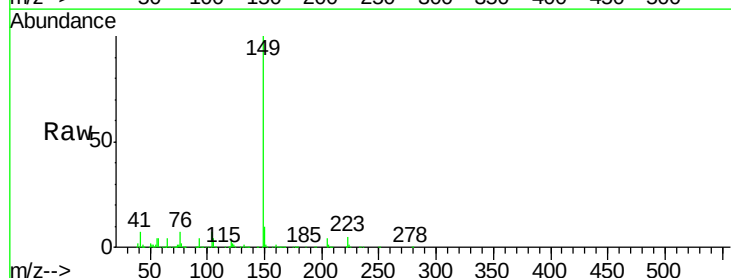
Tgt Ion:149 Resp: 866505

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

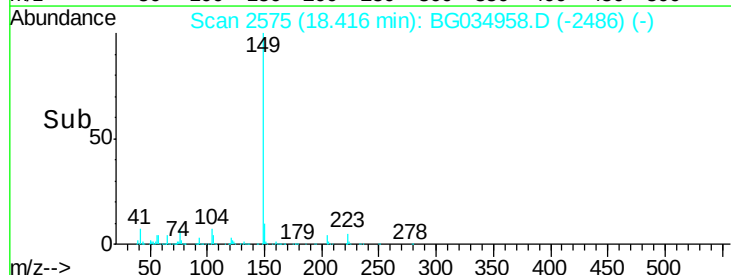
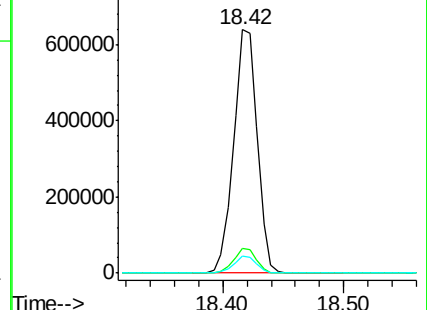
104 7.0 3.9 5.9#

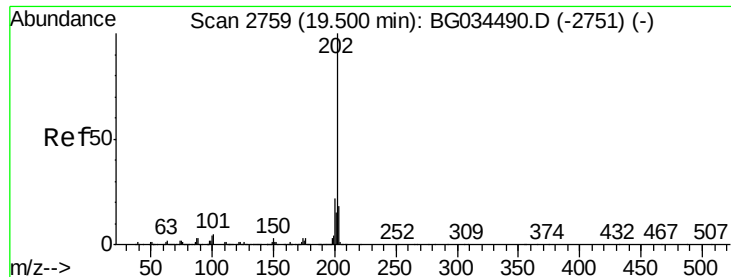


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 65.50 ng

RT: 19.50 min Scan# 2759

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

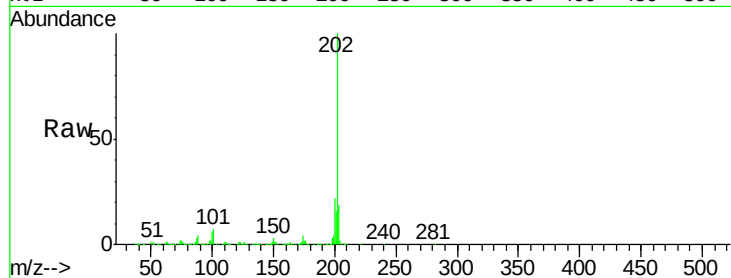
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 1203210

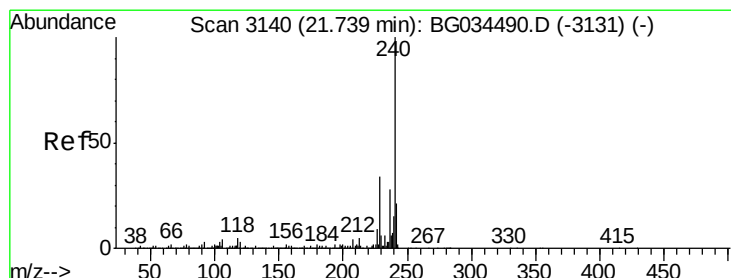
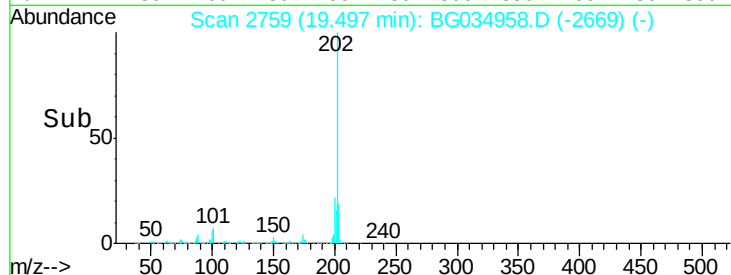
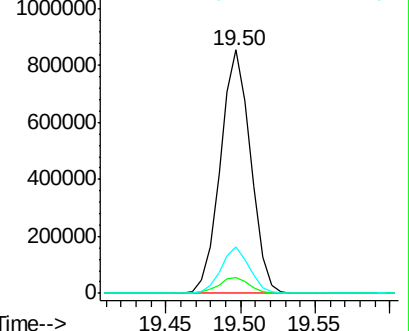
Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	28.9
203	18.9	0.0	37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.73 min Scan# 3139

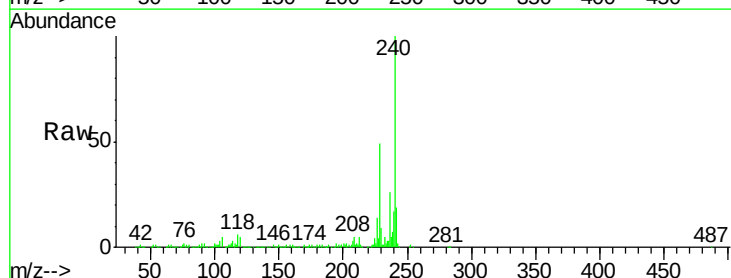
Delta R.T. 0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Tgt Ion:240 Resp: 290836

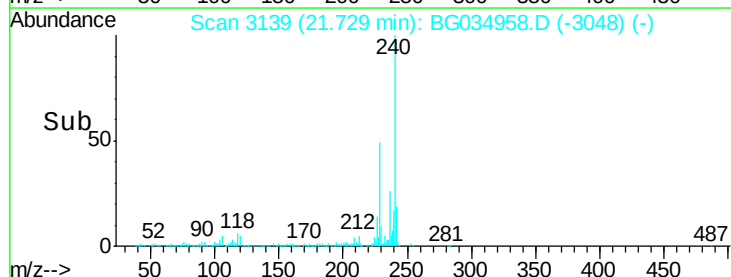
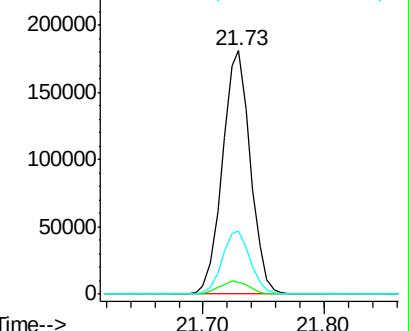
Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	26.0	20.9	31.3

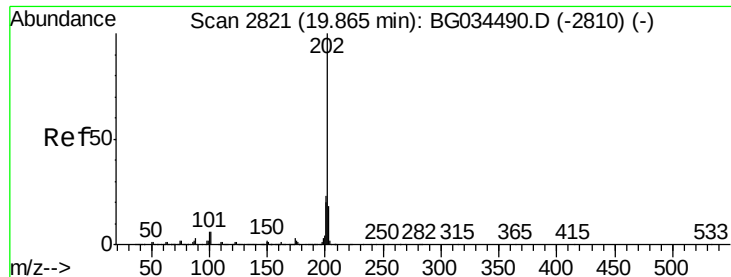


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 62.97 ng

RT: 19.86 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

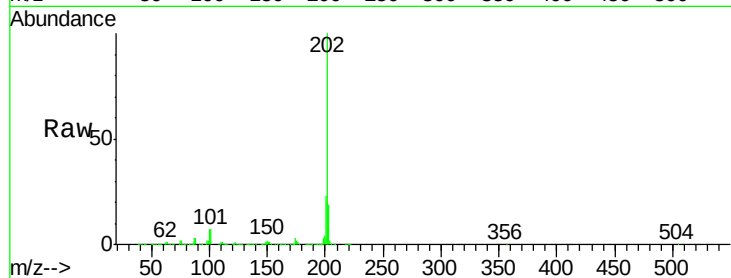
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1207372

Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.9	25.3
203	18.8	13.9	20.9

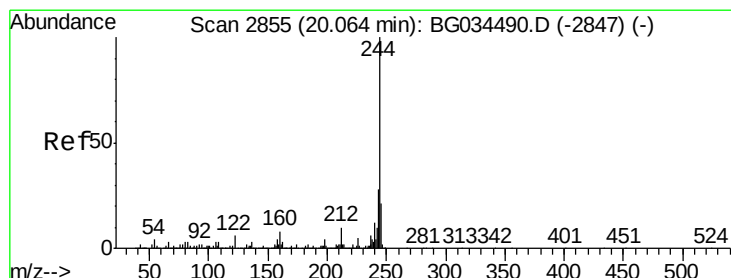
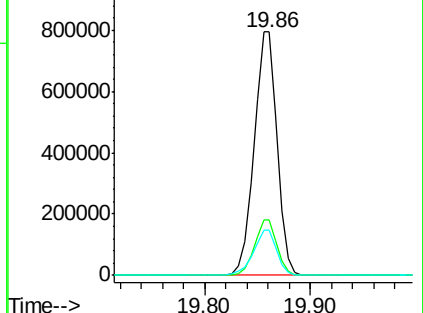
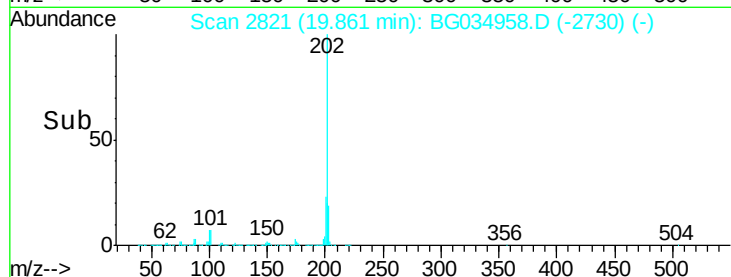


Abundance

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: 94.81 ng

RT: 20.06 min Scan# 2855

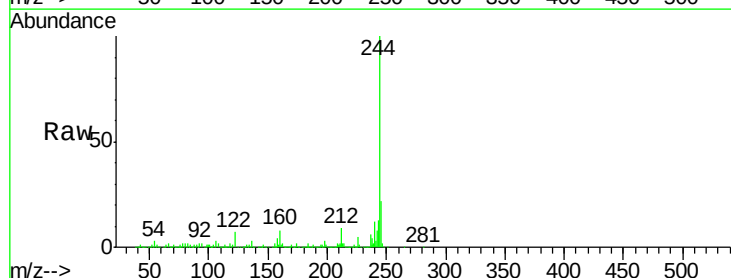
Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Tgt Ion:244 Resp: 1316331

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	6.9	7.0	10.4#

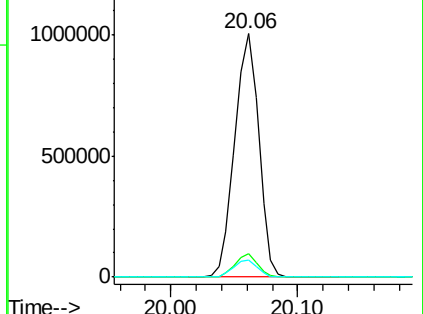
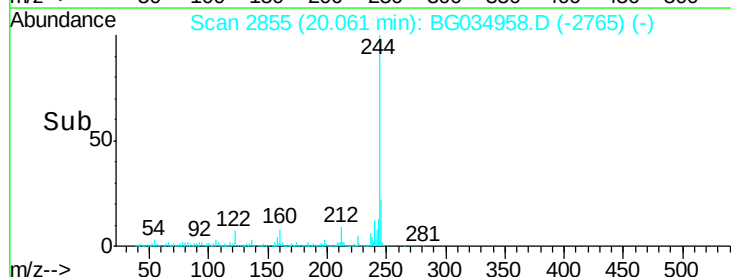


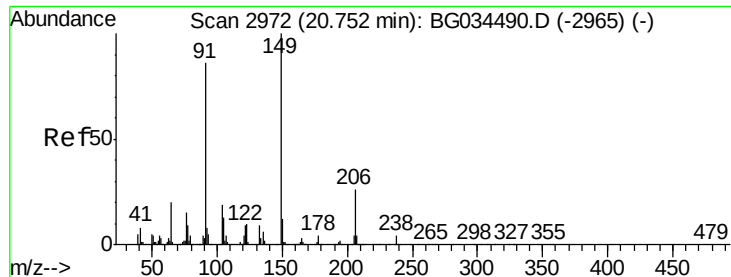
Abundance

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

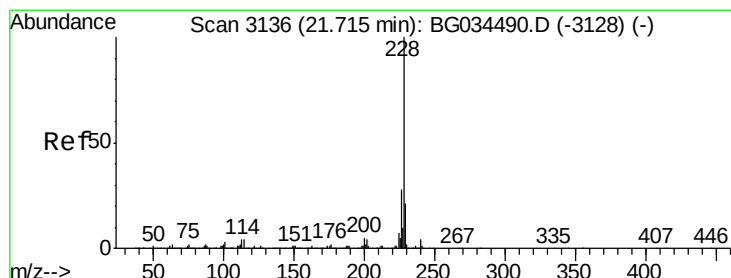
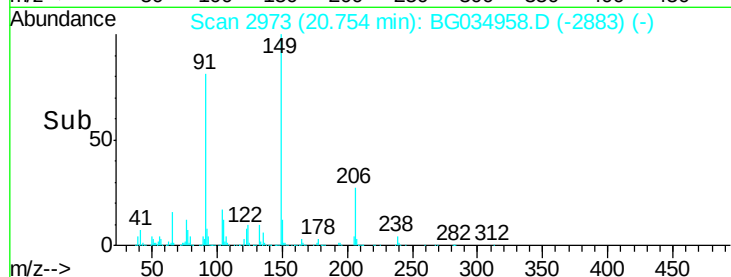
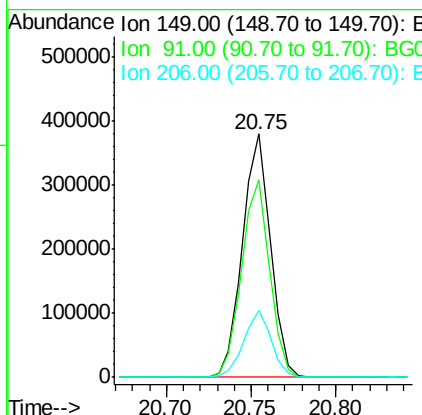
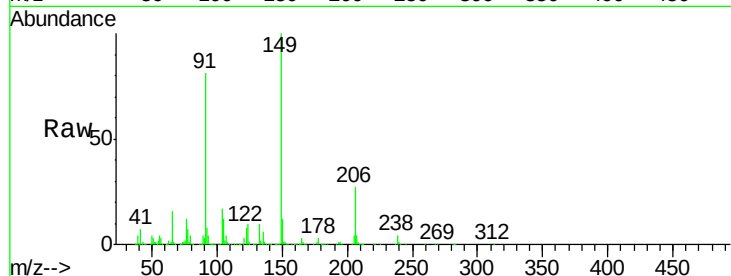




#79
Butylbenzylphthalate
Concen: 63.27 ng
RT: 20.75 min Scan# 2973
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

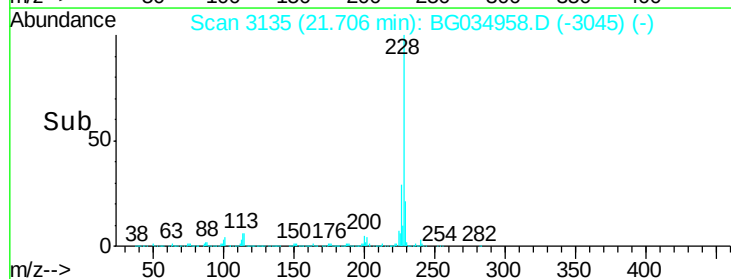
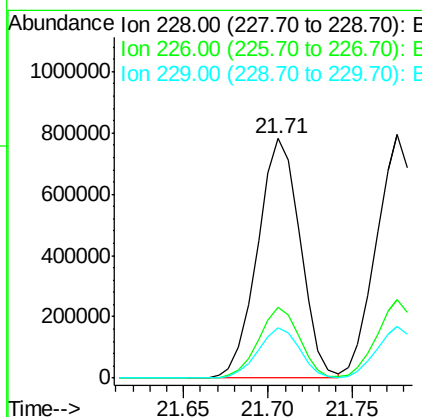
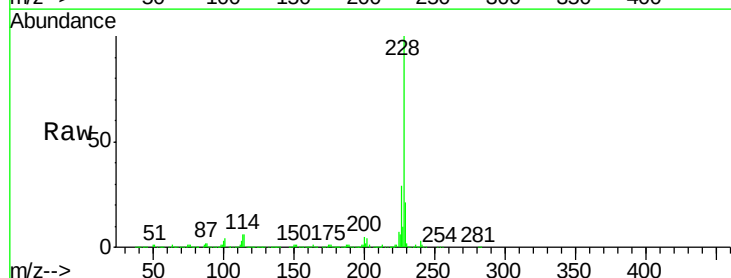
Instrument :
BNA_G
ClientSampleId :

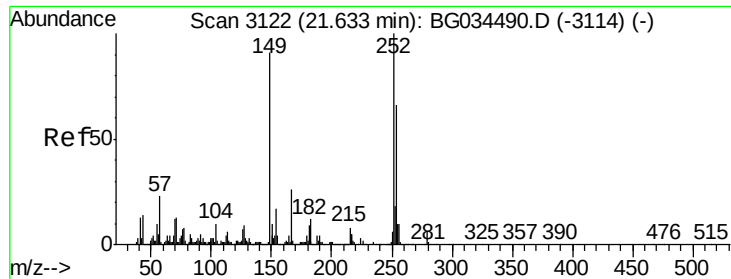
Tot Ion:149 Resp: 440479
Ion Ratio Lower Upper
149 100
91 81.0 62.2 93.2
206 27.3 18.6 27.8



#80
Benzo(a)anthracene
Concen: 73.19 ng
RT: 21.71 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion:228 Resp: 1360298
Ion Ratio Lower Upper
228 100
226 29.5 22.7 34.1
229 21.0 16.2 24.2

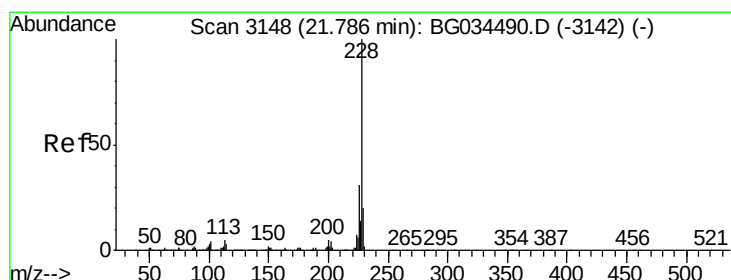
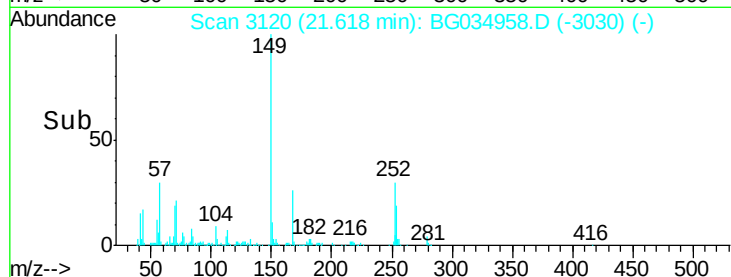
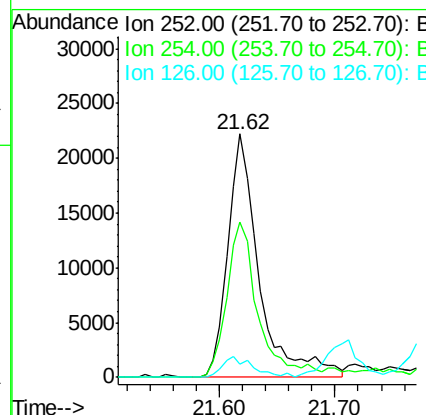
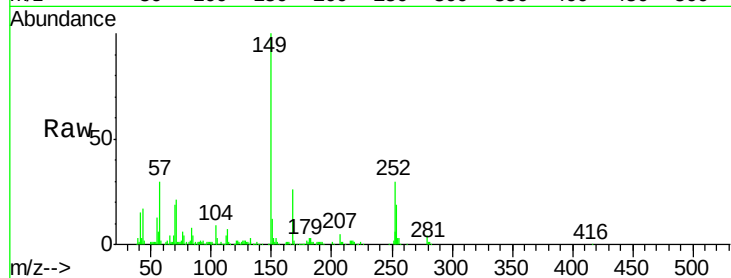




#81
 3,3'-Dichlorobenzidine
 Concen: 5.97 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.00 min
 Lab File: BG034958.D
 Acq: 7 Jun 2018 18:44

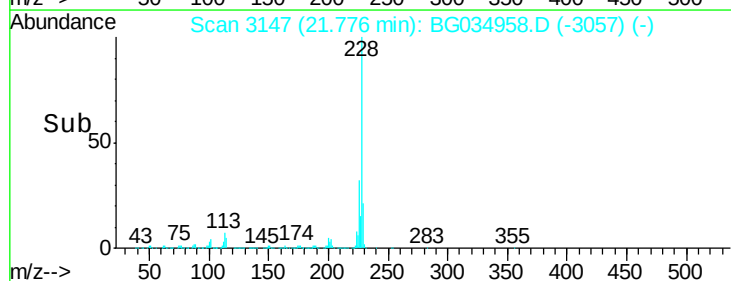
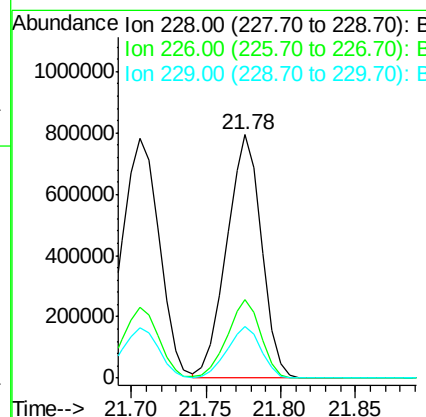
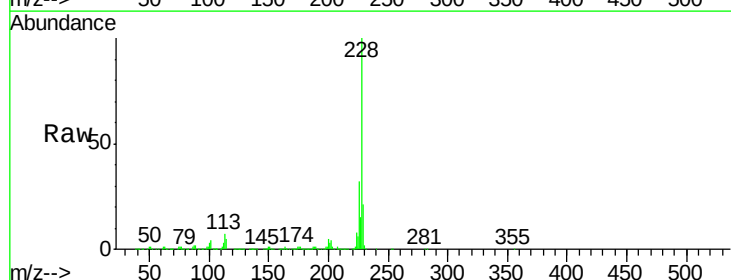
Instrument :
 BNA_G
 ClientSampleId :

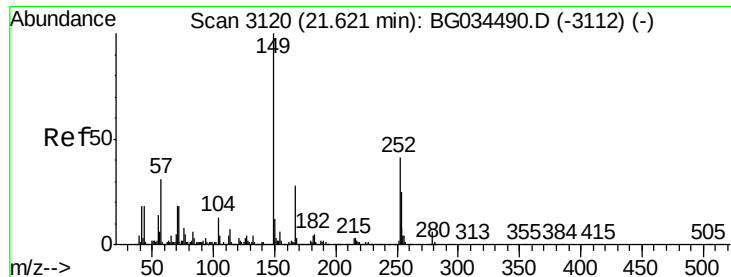
Tot Ion:252 Resp: 41737
 Ion Ratio Lower Upper
 252 100
 254 63.9 50.8 76.2
 126 5.4 7.4 11.2#



#82
 Chrysene
 Concen: 76.01 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG034958.D
 Acq: 7 Jun 2018 18:44

Tgt Ion:228 Resp: 1293404
 Ion Ratio Lower Upper
 228 100
 226 32.3 24.9 37.3
 229 21.1 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 74.87 ng

RT: 21.64 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampleId :

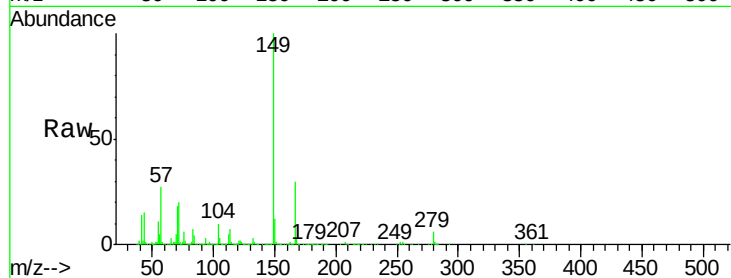
Tot Ion:149 Resp: 736544

Ion Ratio Lower Upper

149 100

167 30.1 24.3 36.5

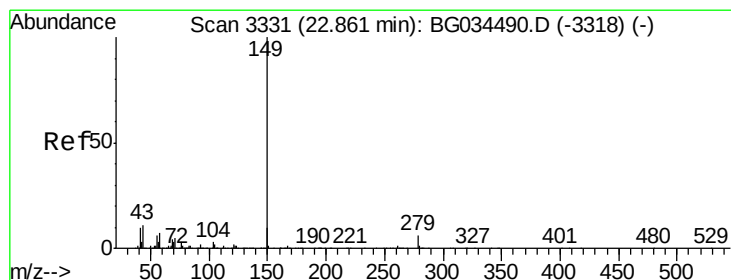
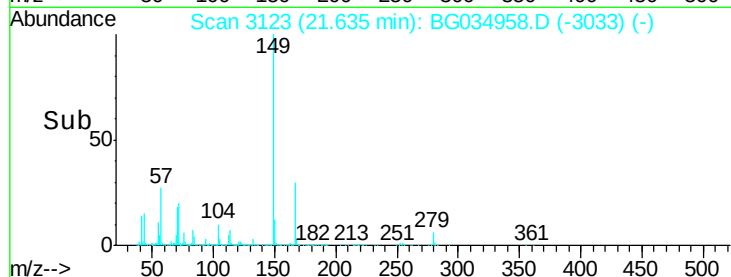
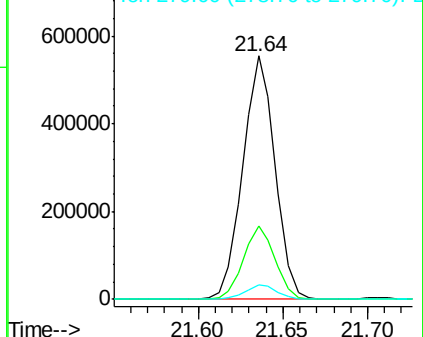
279 6.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 74.67 ng

RT: 22.87 min Scan# 3334

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

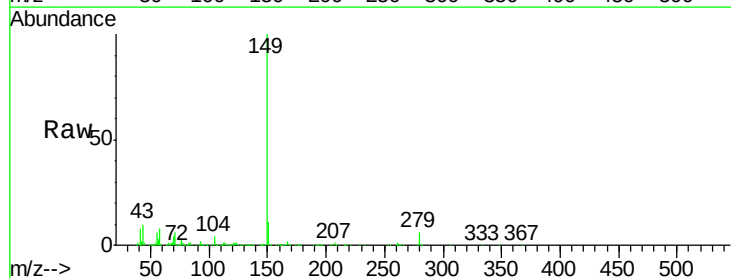
Tgt Ion:149 Resp: 1260172

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

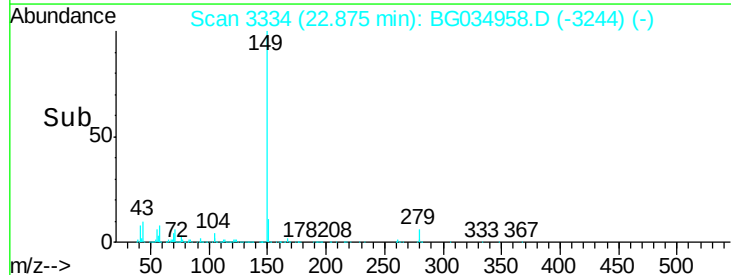
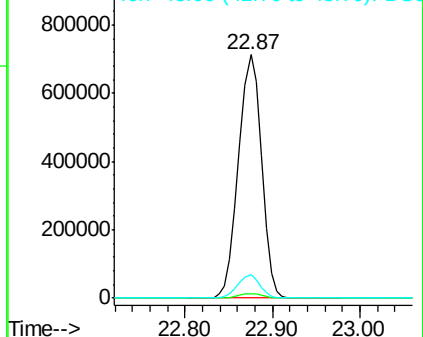
43 9.3 8.9 13.3

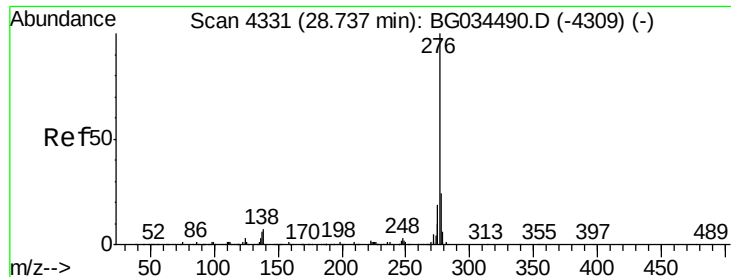


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

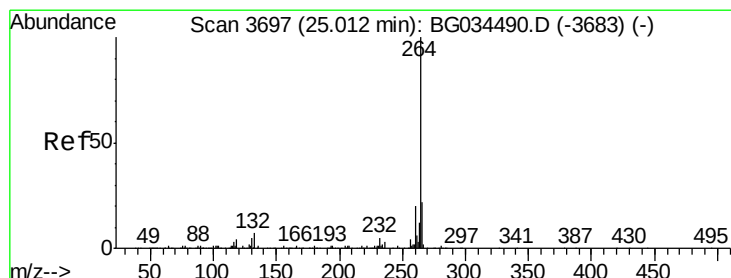
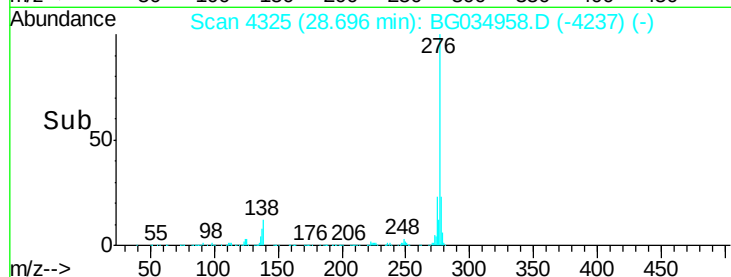
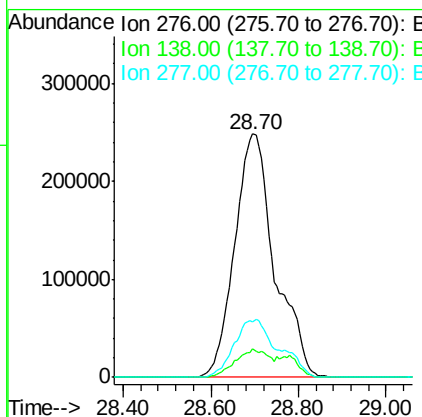
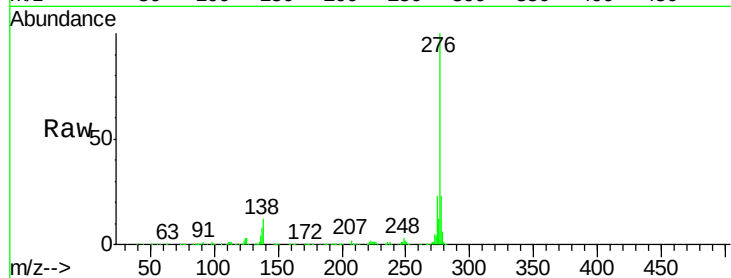




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 77.53 ng
 RT: 28.70 min Scan# 4325
 Delta R.T. -0.02 min
 Lab File: BG034958.D
 Acq: 7 Jun 2018 18:44

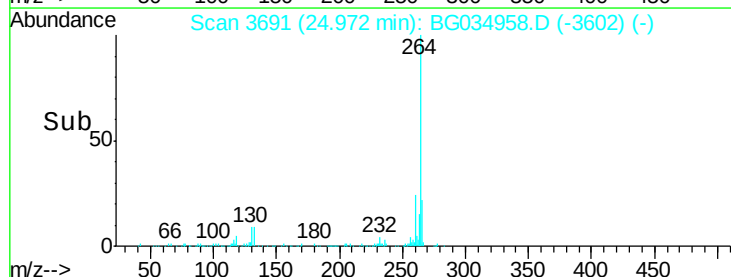
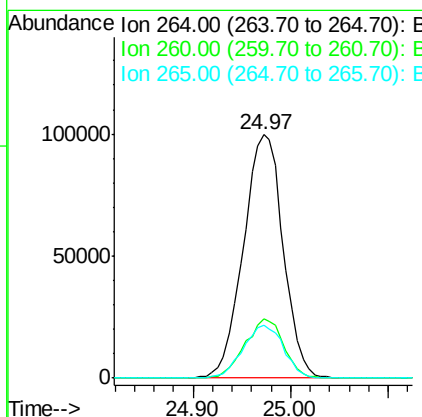
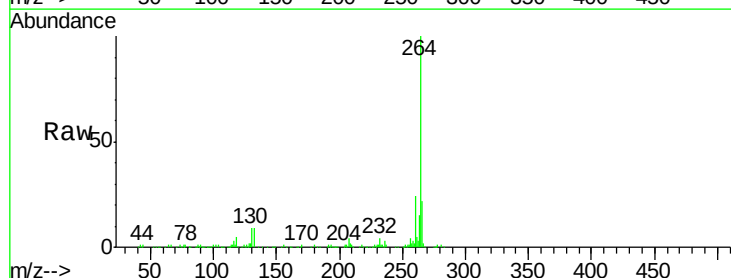
Instrument :
 BNA_G
 ClientSampleId :

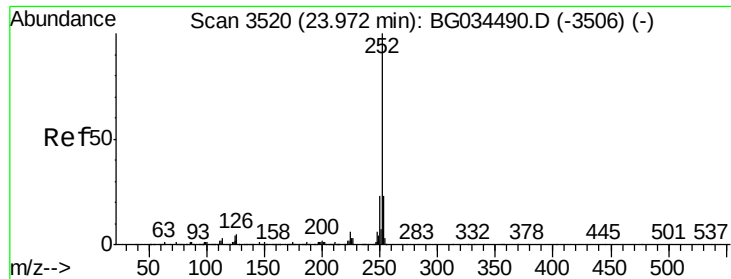
Tot Ion:276 Resp: 1545048
 Ion Ratio Lower Upper
 276 100
 138 9.7 16.0 24.0#
 277 21.9 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.97 min Scan# 3691
 Delta R.T. -0.01 min
 Lab File: BG034958.D
 Acq: 7 Jun 2018 18:44

Tgt Ion:264 Resp: 282080
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.4 26.0
 265 21.9 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 80.28 ng

RT: 23.95 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampleId :

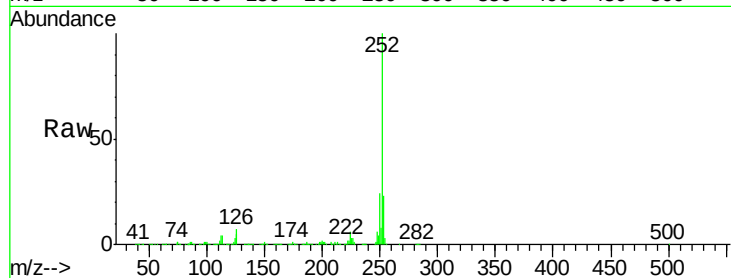
Tot Ion:252 Resp: 1394611

Ion Ratio Lower Upper

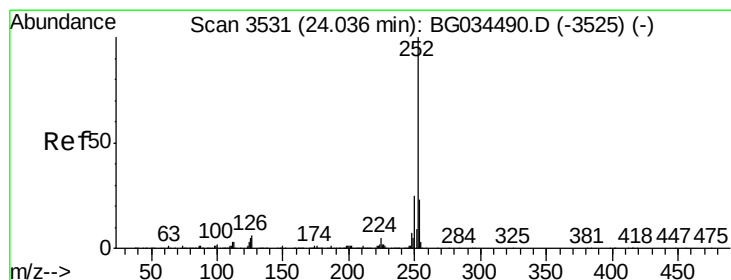
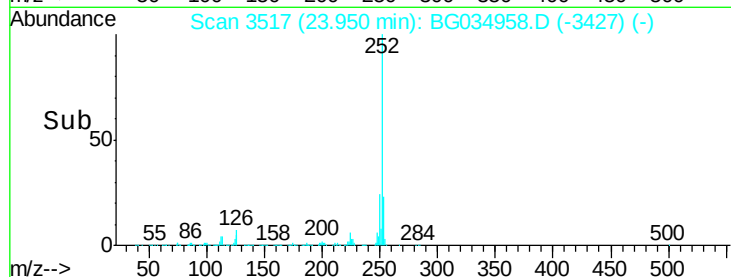
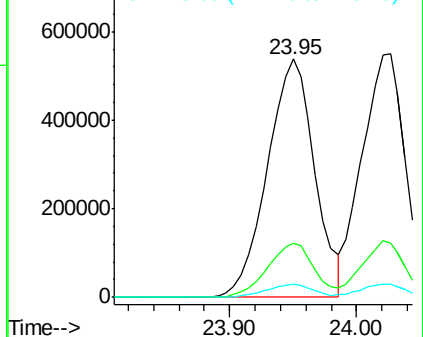
252 100

253 22.6 18.2 27.4

125 5.3 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: 76.38 ng

RT: 24.03 min Scan# 3530

Delta R.T. 0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

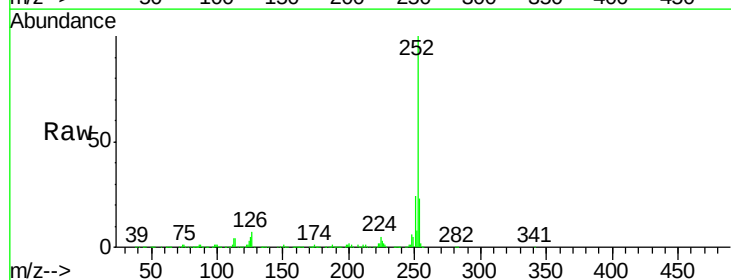
Tgt Ion:252 Resp: 1297892

Ion Ratio Lower Upper

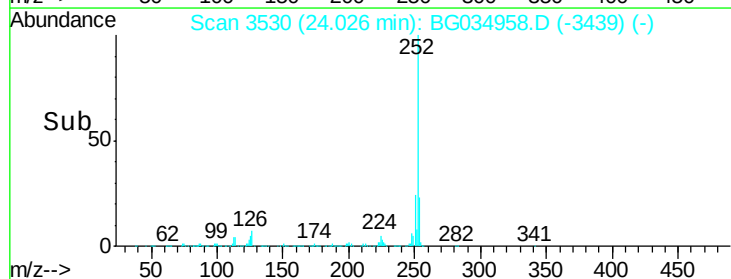
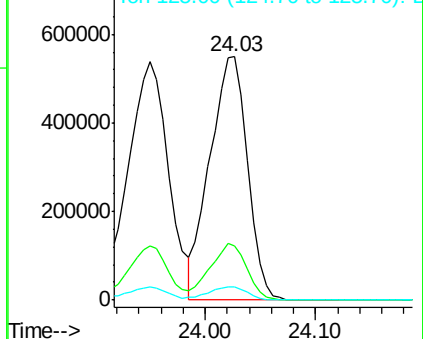
252 100

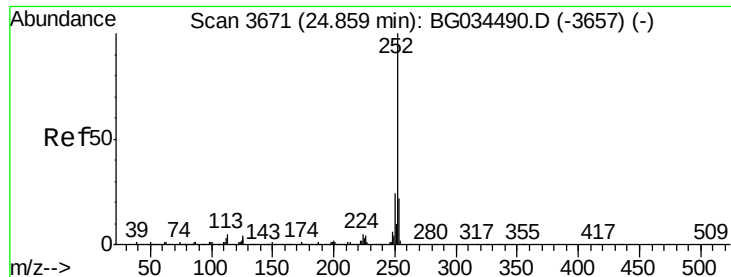
253 22.5 17.4 26.2

125 5.2 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: 76.79 ng

RT: 24.83 min Scan# 3667

Delta R.T. 0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

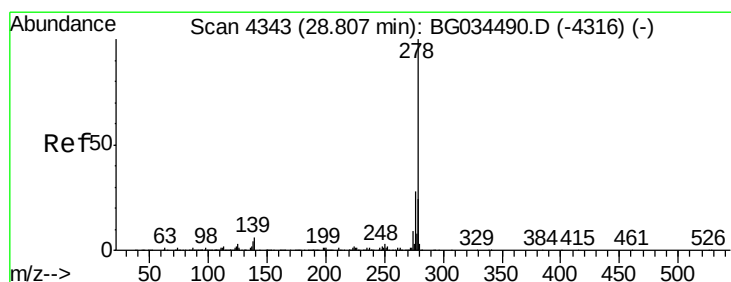
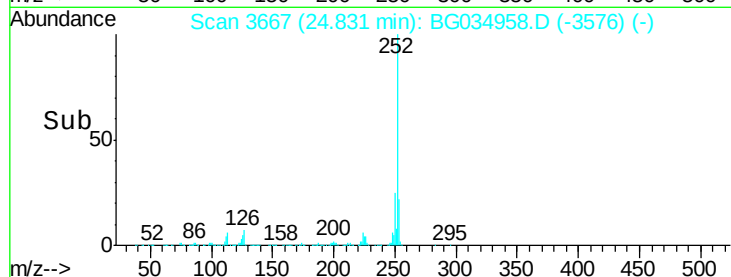
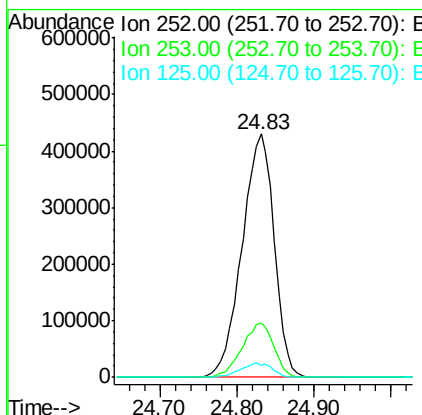
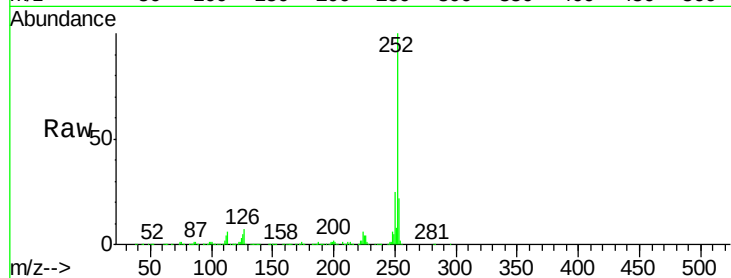
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1255169

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	5.0	7.3	10.9#



#90

Dibenzo(a,h)anthracene

Concen: 79.21 ng

RT: 28.78 min Scan# 4339

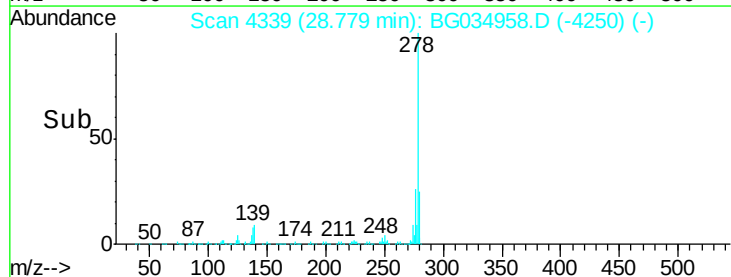
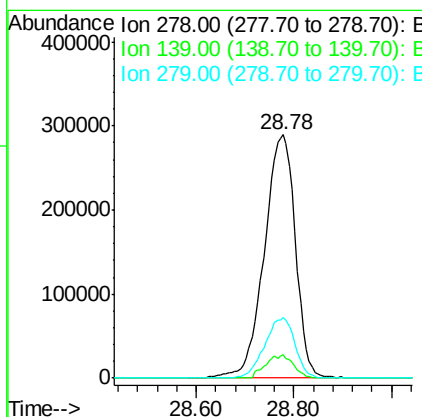
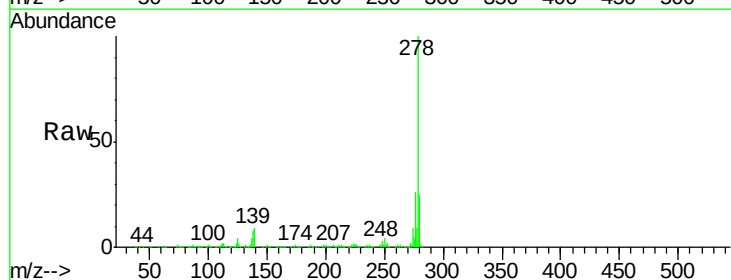
Delta R.T. -0.01 min

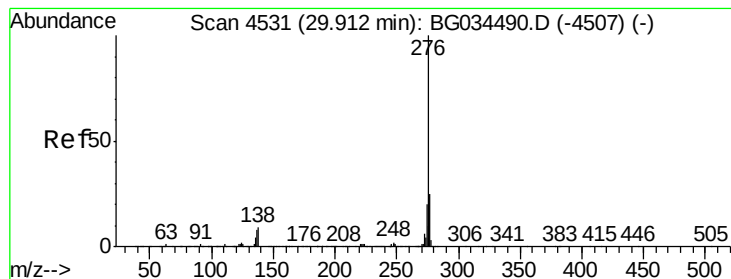
Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Tgt Ion:278 Resp: 1278201

Ion	Ratio	Lower	Upper
278	100		
139	9.4	9.8	14.6#
279	24.8	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 79.78 ng

RT: 29.86 min Scan# 4523

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1259883

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.3	27.5
138	11.2	13.9	20.9

