

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
 Data File : BG035600.D
 Acq On : 12 Jul 2018 18:35
 Operator : JU/SJ
 Sample : PB110986BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110986BSD

Quant Time: Jul 13 00:37:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	47264	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	181455	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	130301	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	357068	20.00	ng	0.00
75) Chrysene-d12	21.69	240	381598	20.00	ng	0.00
86) Perylene-d12	24.91	264	367362	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	510648	179.37	ng	0.00
7) Phenol-d6	7.23	99	757254	178.29	ng	0.00
23) Nitrobenzene-d5	9.22	82	486875	112.09	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	338321	196.99	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1086376	111.70	ng	0.00
78) Terphenyl-d14	20.03	244	1896177	109.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	46934	32.392	ng	# 77
3) Pyridine	3.94	79	145308	38.415	ng	# 74
4) n-Nitrosodimethylamine	3.86	42	67964	41.846	ng	# 78
6) Aniline	7.38	93	211461	38.411	ng	98
8) 2-Chlorophenol	7.63	128	155234	53.615	ng	99
9) Benzaldehyde	7.20	77	101071	38.782	ng	94
10) Phenol	7.25	94	239513	55.815	ng	93
11) bis(2-Chloroethyl)ether	7.48	93	154012	45.829	ng	88
12) 1,3-Dichlorobenzene	7.95	146	160349	45.861	ng	# 93
13) 1,4-Dichlorobenzene	8.10	146	160905	45.293	ng	100
14) 1,2-Dichlorobenzene	8.41	146	153459	44.966	ng	95
15) Benzyl Alcohol	8.30	79	197005	51.076	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.58	45	181867	64.550	ng	82
17) 2-Methylphenol	8.49	107	159578	54.696	ng	# 90
18) Hexachloroethane	9.14	117	60371	44.445	ng	# 86
19) n-Nitroso-di-n-propylamine	8.86	70	153101	42.805	ng	# 86
20) 3+4-Methylphenols	8.82	107	223388	55.192	ng	92
22) Acetophenone	8.88	105	274742	48.690	ng	# 93
24) Nitrobenzene	9.26	77	222402	50.912	ng	94
25) Isophorone	9.78	82	437654	54.277	ng	97
26) 2-Nitrophenol	9.98	139	87465	56.377	ng	# 84
27) 2,4-Dimethylphenol	10.03	122	170235	64.823	ng	88
28) bis(2-Chloroethoxy)methane	10.26	93	228261	51.374	ng	95
29) 2,4-Dichlorophenol	10.51	162	186846	62.328	ng	93
30) 1,2,4-Trichlorobenzene	10.73	180	188419	51.257	ng	96
31) Naphthalene	10.92	128	479753	50.756	ng	100
32) Benzoic acid	10.19	122	92365	52.246	ng	90
33) 4-Chloroaniline	11.02	127	85437	20.739	ng	95
34) Hexachlorobutadiene	11.19	225	142837	49.831	ng	98
35) Caprolactam	11.80	113	38371	29.827	ng	# 67
36) 4-Chloro-3-methylphenol	12.14	107	229631	57.147	ng	94
37) 2-Methylnaphthalene	12.51	142	382065	54.255	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	252017	51.244	ng	98
40) Hexachlorocyclopentadiene	12.85	237	351979	136.467	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	174869	60.801	ng	95
43) 2,4,5-Trichlorophenol	13.19	196	184835	57.448	ng	98
45) 1,1'-Biphenyl	13.51	154	522620	51.734	ng	96
46) 2-Chloronaphthalene	13.56	162	413186	52.582	ng	99
47) 2-Nitroaniline	13.76	65	155432	55.951	ng	98
48) Acenaphthylene	14.40	152	682934	51.883	ng	98
49) Dimethylphthalate	14.13	163	582286	51.005	ng	99
50) 2,6-Dinitrotoluene	14.25	165	132432	56.965	ng	96
51) Acenaphthene	14.75	154	406427	49.567	ng	99
52) 3-Nitroaniline	14.58	138	71361	30.033	ng #	90
53) 2,4-Dinitrophenol	14.79	184	154321	125.047	ng #	66
54) Dibenzofuran	15.08	168	672196	51.547	ng	95
55) 4-Nitrophenol	14.90	139	212282	125.450	ng #	84
56) 2,4-Dinitrotoluene	15.04	165	193512	58.021	ng #	93
57) Fluorene	15.73	166	566713	51.850	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	186617	60.494	ng	95
59) Diethylphthalate	15.49	149	582218	49.597	ng	97
60) 4-Chlorophenyl-phenylether	15.71	204	325427	50.658	ng	99
61) 4-Nitroaniline	15.75	138	135274	54.425	ng #	75
62) Azobenzene	16.01	77	617323	53.314	ng	95
64) 4,6-Dinitro-2-methylphenol	15.80	198	112947	56.824	ng	90
65) n-Nitrosodiphenylamine	15.93	169	509514	50.132	ng	99
66) 4-Bromophenyl-phenylether	16.61	248	220453	53.216	ng	93
67) Hexachlorobenzene	16.73	284	224333	52.585	ng	94
68) Atrazine	16.88	200	233481	55.795	ng	98
69) Pentachlorophenol	17.07	266	263264	101.316	ng	97
70) Phenanthrene	17.47	178	917665	51.505	ng	97
71) Anthracene	17.55	178	931680	52.516	ng	97
72) Carbazole	17.82	167	862738	51.206	ng	97
73) Di-n-butylphthalate	18.38	149	982685	49.356	ng #	98
74) Fluoranthene	19.47	202	1212694	50.530	ng	95
76) Benzidine	19.64	184	478392	47.685	ng	99
77) Pyrene	19.83	202	1199693	49.720	ng	96
79) Butylbenzylphthalate	20.71	149	454097	52.627	ng	96
80) Benzo(a)anthracene	21.67	228	1224624	51.498	ng	98
81) 3,3'-Dichlorobenzidine	21.58	252	268092	32.333	ng	94
82) Chrysene	21.74	228	1137097	51.601	ng	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	612647	52.226	ng	98
84) Di-n-octyl phthalate	22.78	149	1030344	52.458	ng #	94
85) Indeno(1,2,3-cd)pyrene	28.59	276	1317146	53.987	ng #	93
87) Benzo(b)fluoranthene	23.89	252	1151892	51.589	ng #	98
88) Benzo(k)fluoranthene	23.96	252	1122648	51.429	ng #	97
89) Benzo(a)pyrene	24.76	252	1129862	54.393	ng #	96
90) Dibenzo(a,h)anthracene	28.65	278	1071007	52.518	ng #	96
91) Benzo(g,h,i)perylene	29.74	276	1094117	54.827	ng #	94

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

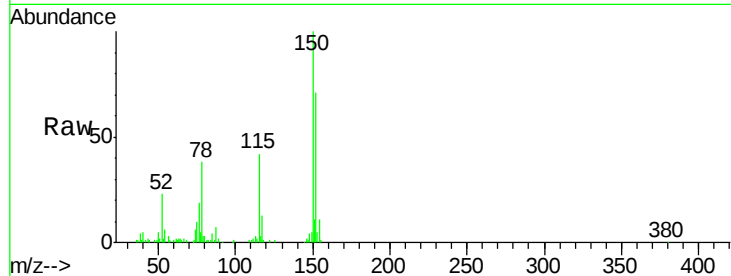


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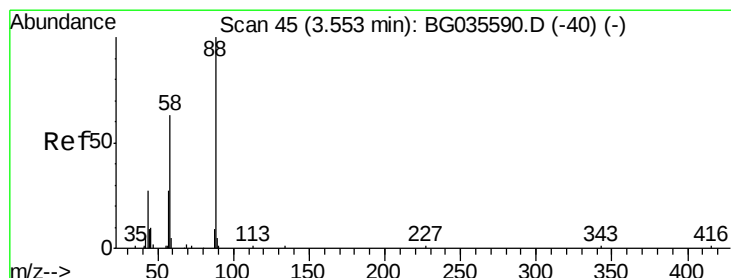
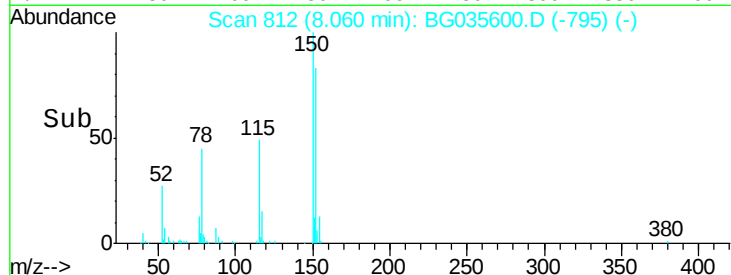
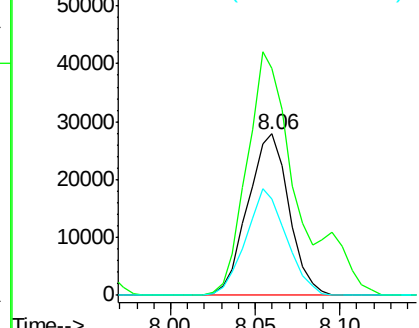
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

Instrument :
BNA_G
ClientSampleId :
PB110986BSD

Tgt Ion:152 Resp: 47264
Ion Ratio Lower Upper
152 100
150 140.8 126.6 189.8
115 59.7 53.0 79.4



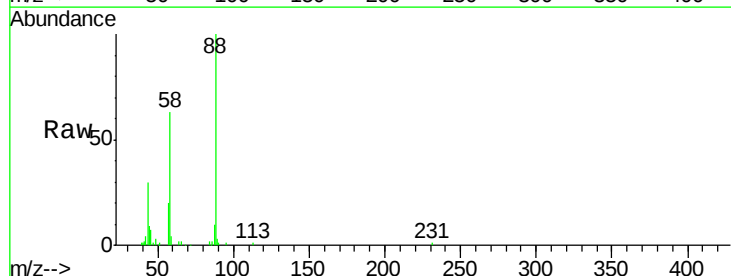
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



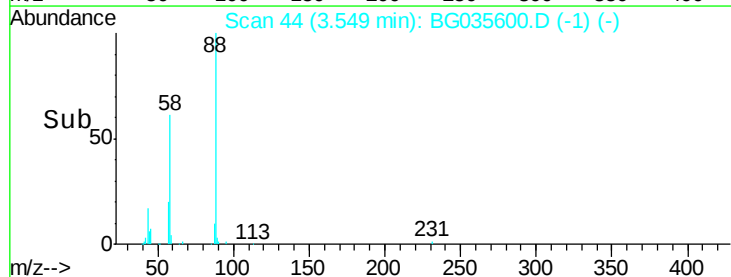
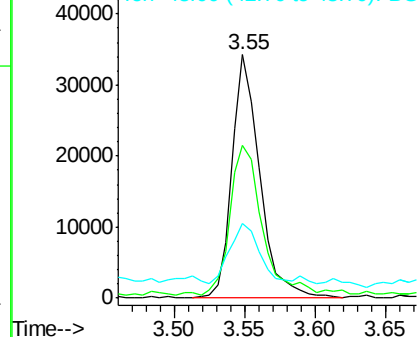
#2

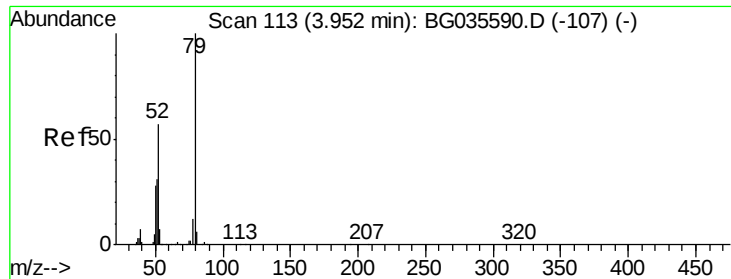
1,4-Dioxane
Concen: 32.392 ng
RT: 3.55 min Scan# 44
Delta R.T. -0.00 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

Tgt Ion: 88 Resp: 46934
Ion Ratio Lower Upper
88 100
58 72.1 79.6 119.4#
43 27.5 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

Pyridine

Concen: 38.415 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

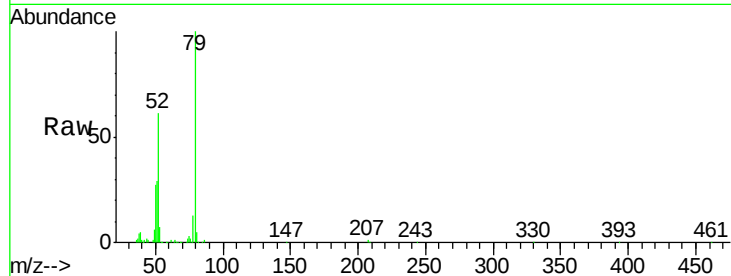
Tgt Ion: 79 Resp: 145308

Ion Ratio Lower Upper

79 100

52 61.0 69.9 104.9#

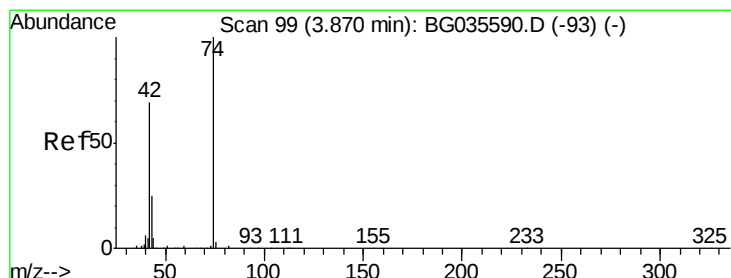
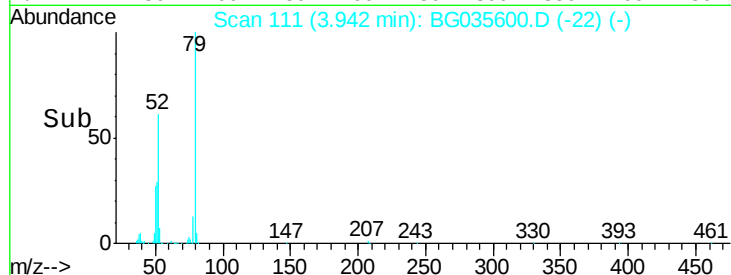
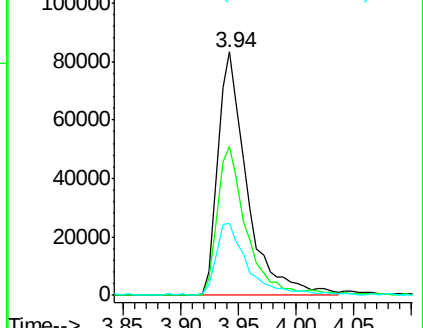
51 29.4 34.0 51.0#



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: 41.846 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.01 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

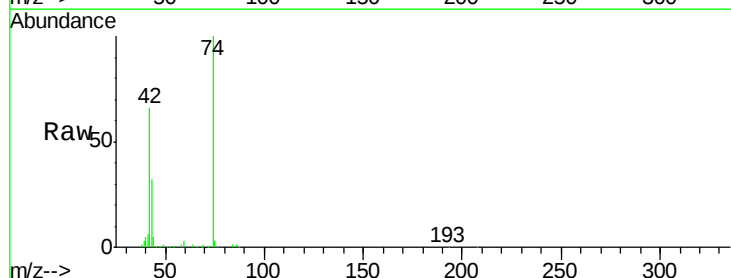
Tgt Ion: 42 Resp: 67964

Ion Ratio Lower Upper

42 100

74 151.6 102.5 153.7

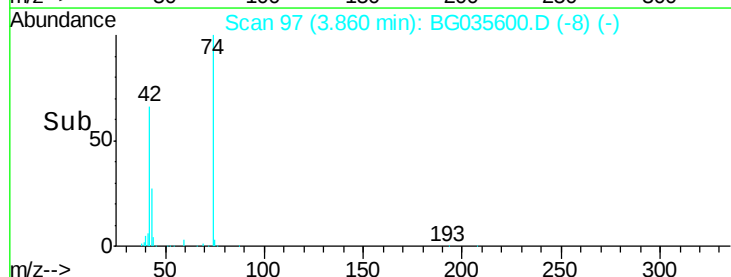
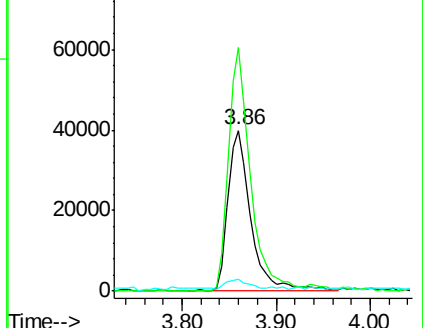
44 7.3 18.9 28.3#

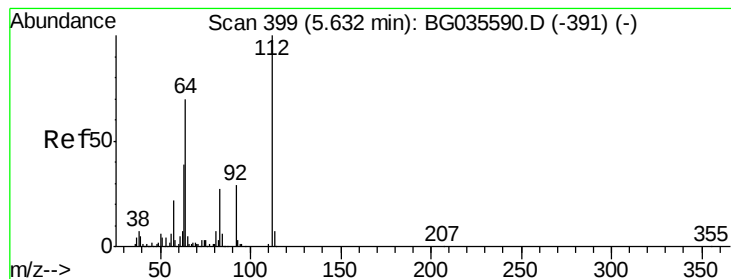


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 179.374 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.01 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

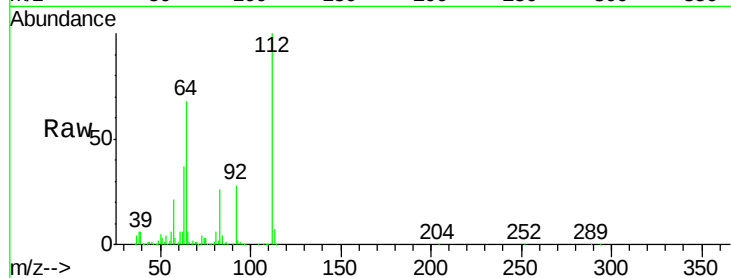
Tgt Ion: 112 Resp: 510648

Ion Ratio Lower Upper

112 100

64 67.6 56.3 84.5

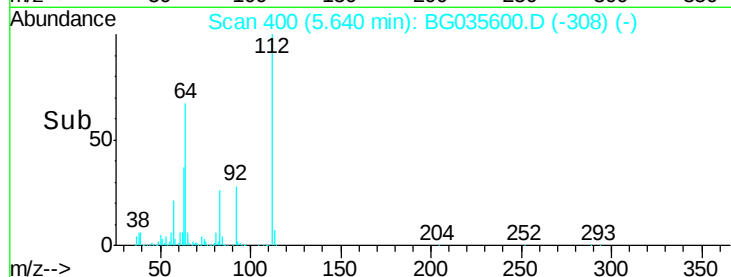
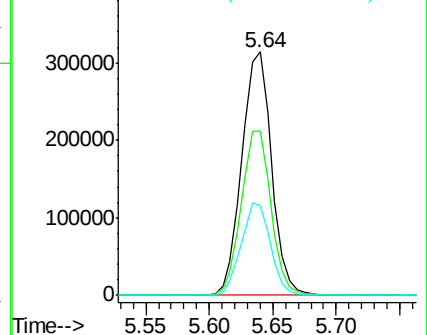
63 36.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.411 ng

RT: 7.38 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

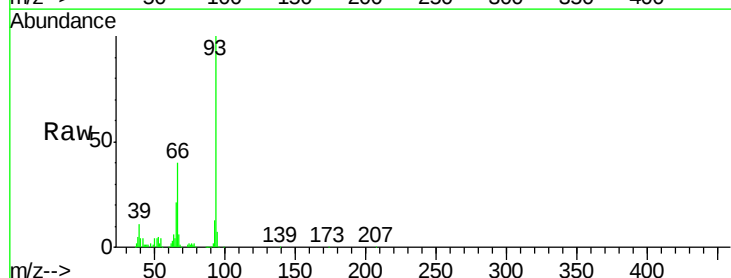
Tgt Ion: 93 Resp: 211461

Ion Ratio Lower Upper

93 100

66 40.5 33.7 50.5

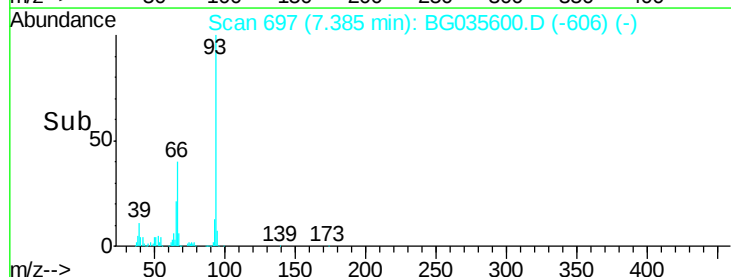
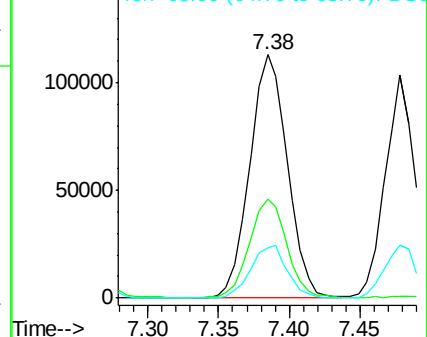
65 20.9 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 178.285 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

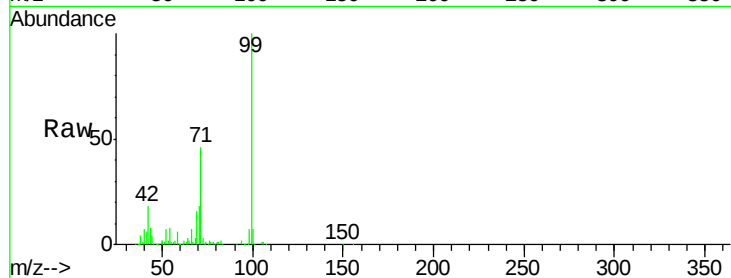
Tgt Ion: 99 Resp: 757254

Ion Ratio Lower Upper

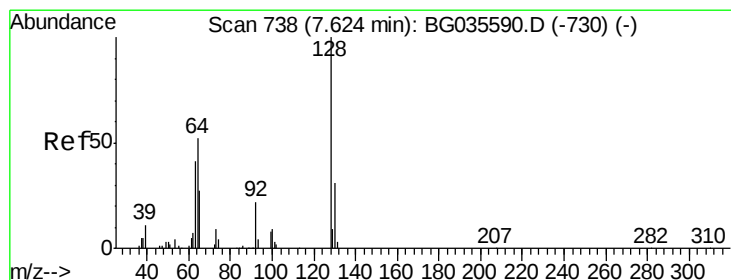
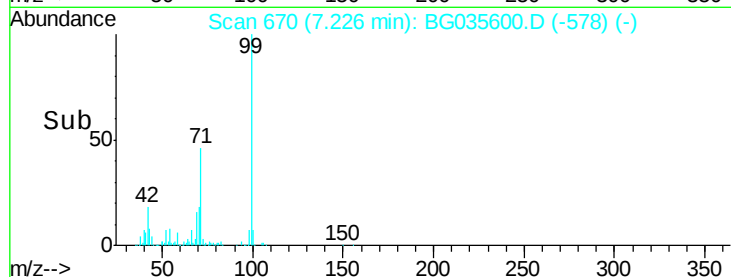
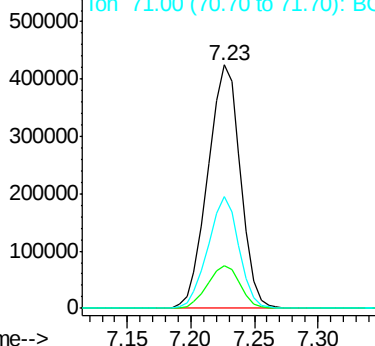
99 100

42 17.8 14.1 21.1

71 45.9 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: 53.615 ng

RT: 7.63 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

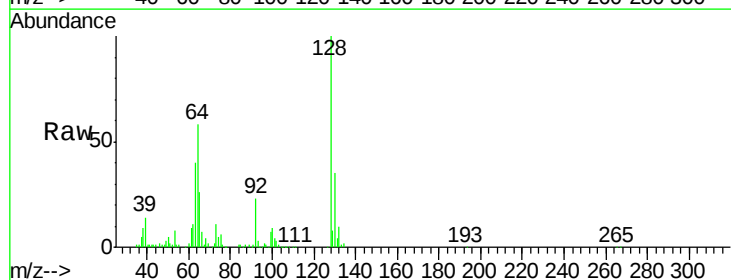
Tgt Ion: 128 Resp: 155234

Ion Ratio Lower Upper

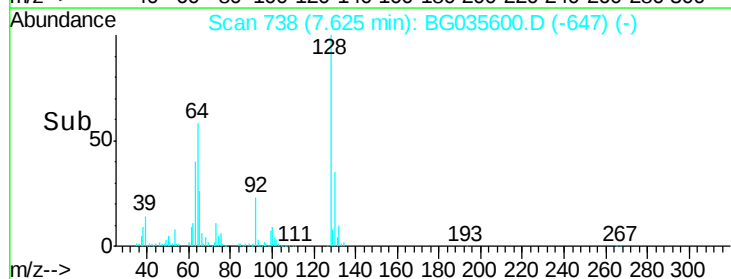
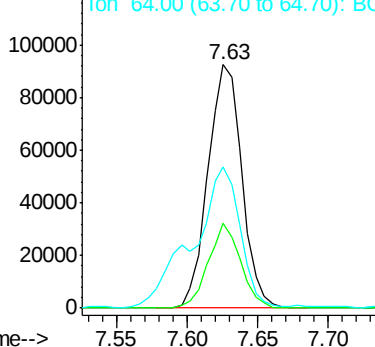
128 100

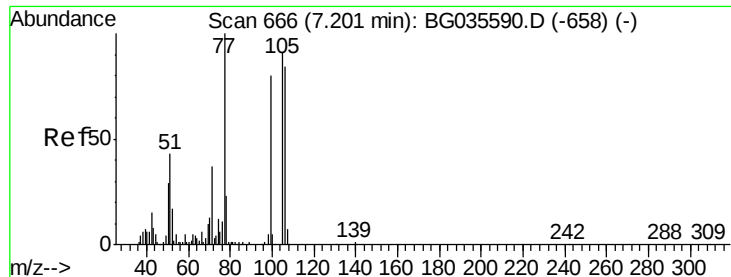
130 35.1 14.0 54.0

64 57.9 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: 38.782 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

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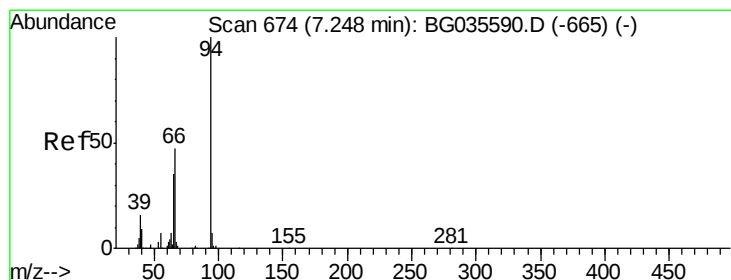
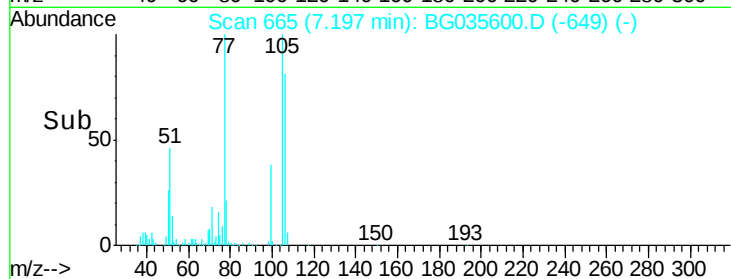
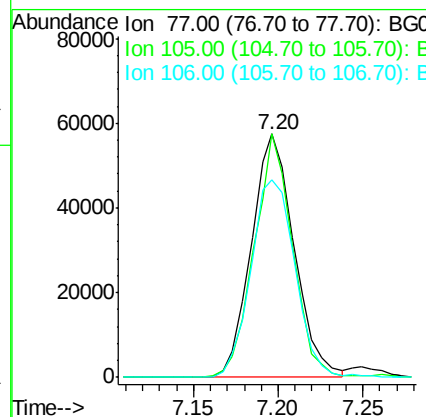
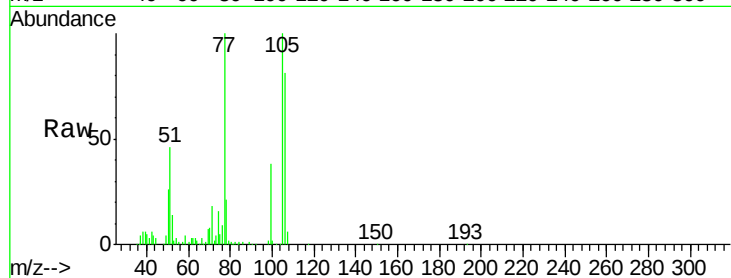
Tgt Ion: 77 Resp: 101071

Ion Ratio Lower Upper

77 100

105 99.8 71.3 111.3

106 80.9 64.2 104.2



#10

Phenol

Concen: 55.815 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

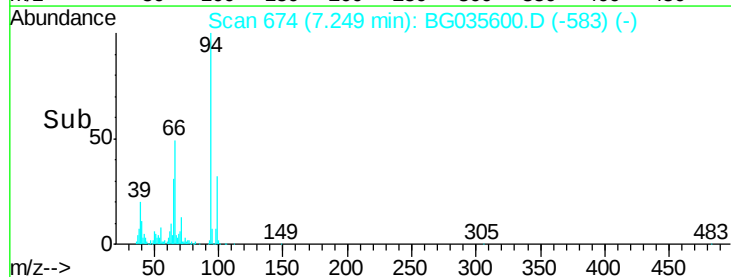
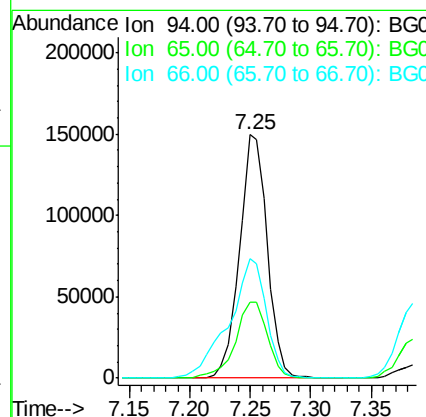
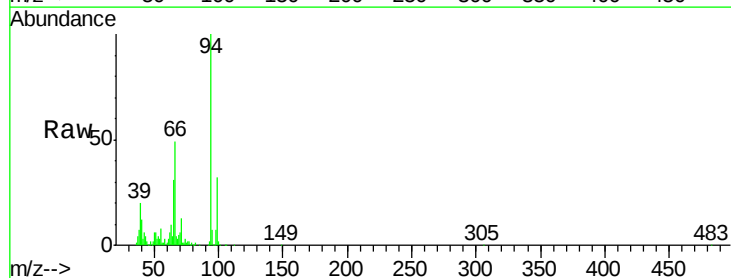
Tgt Ion: 94 Resp: 239513

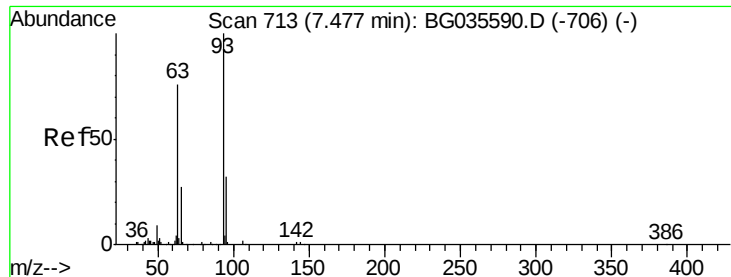
Ion Ratio Lower Upper

94 100

65 31.2 11.9 51.9

66 49.3 22.2 62.2

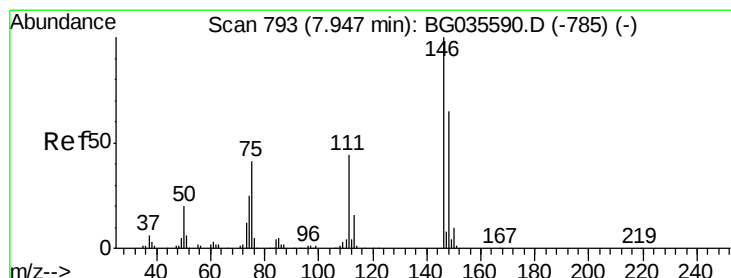
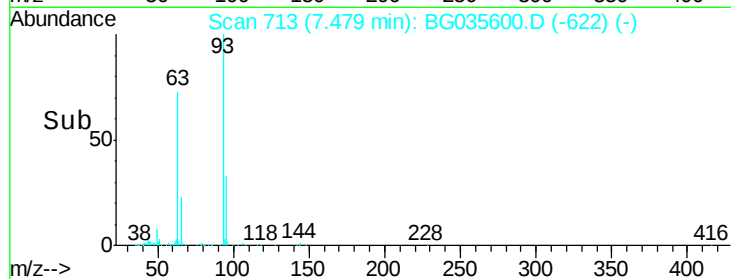
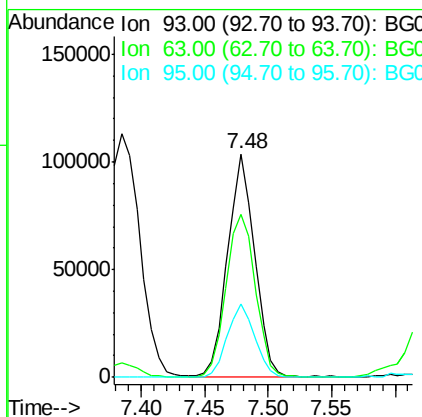
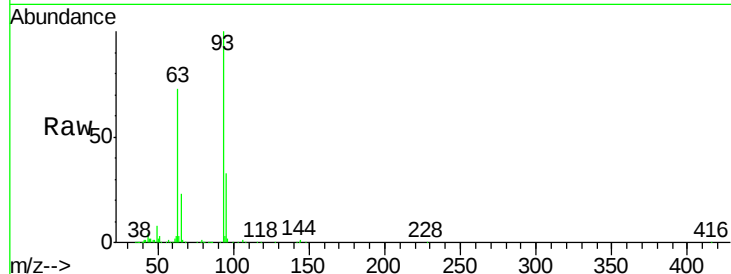




#11
bis(2-Chloroethyl)ether
Concen: 45.829 ng
RT: 7.48 min Scan# 713
Delta R.T. 0.00 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

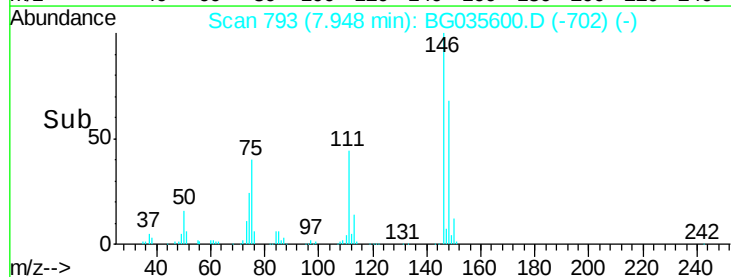
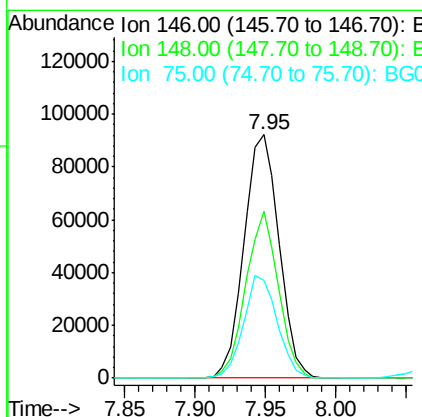
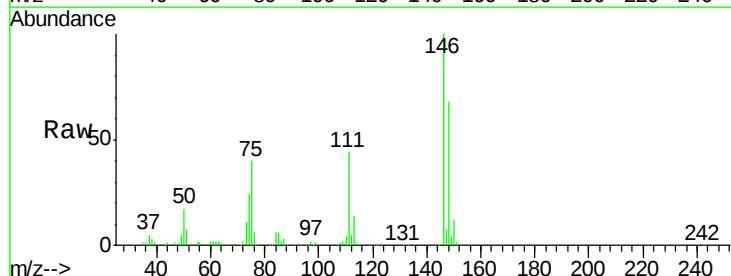
Instrument :
BNA_G
ClientSampleId :
PB110986BSD

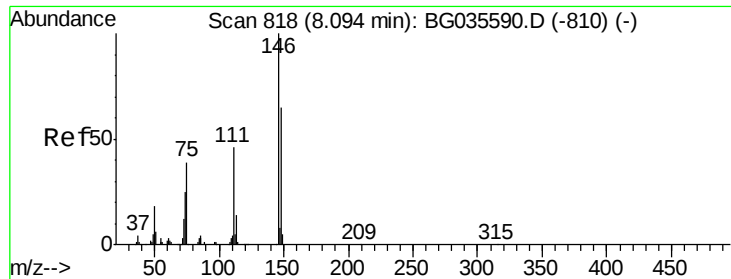
Tgt Ion: 93 Resp: 154012
Ion Ratio Lower Upper
93 100
63 73.2 67.1 107.1
95 32.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 45.861 ng
RT: 7.95 min Scan# 793
Delta R.T. 0.00 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

Tgt Ion: 146 Resp: 160349
Ion Ratio Lower Upper
146 100
148 68.3 51.4 77.2
75 40.0 26.6 39.8#

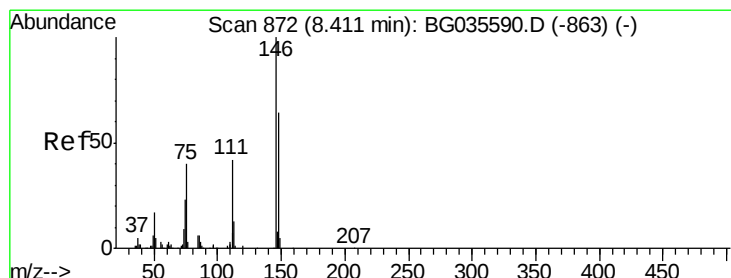
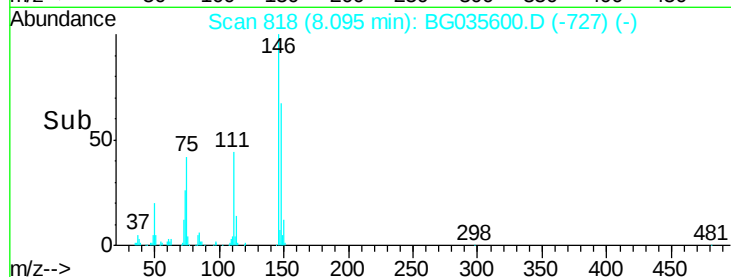
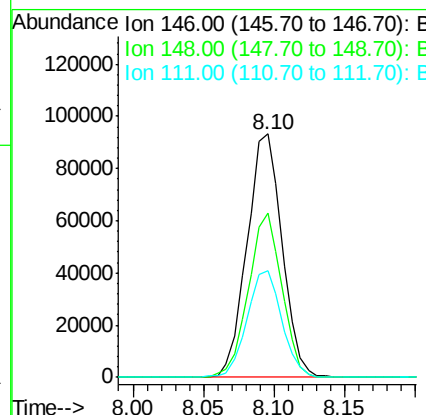
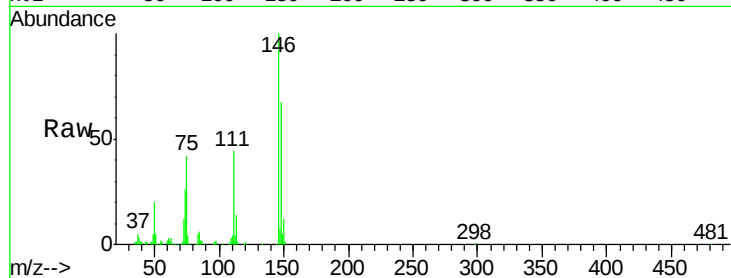




#13
 1,4-Dichlorobenzene
 Concen: 45.293 ng
 RT: 8.10 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

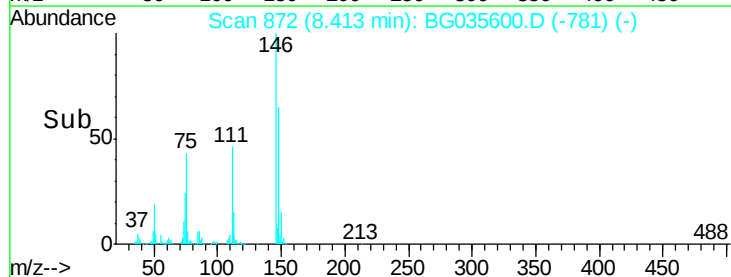
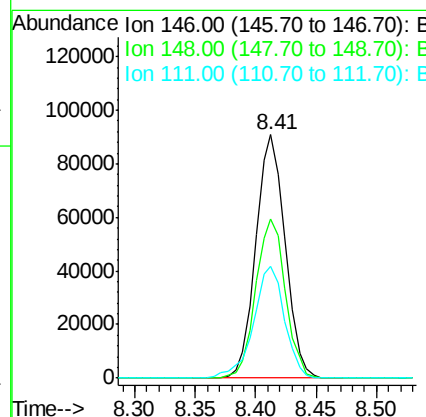
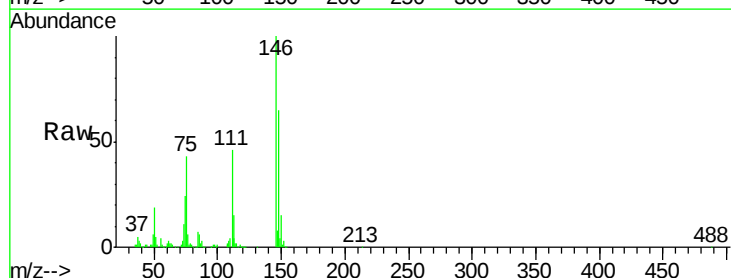
Instrument :
 BNA_G
 ClientSampleId :
 PB110986BSD

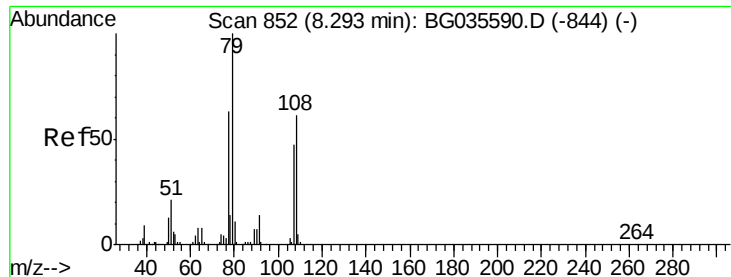
Tgt Ion:146 Resp: 160905
 Ion Ratio Lower Upper
 146 100
 148 67.3 53.7 80.5
 111 43.7 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 44.966 ng
 RT: 8.41 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

Tgt Ion:146 Resp: 153459
 Ion Ratio Lower Upper
 146 100
 148 65.5 49.3 73.9
 111 45.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 51.076 ng

RT: 8.30 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

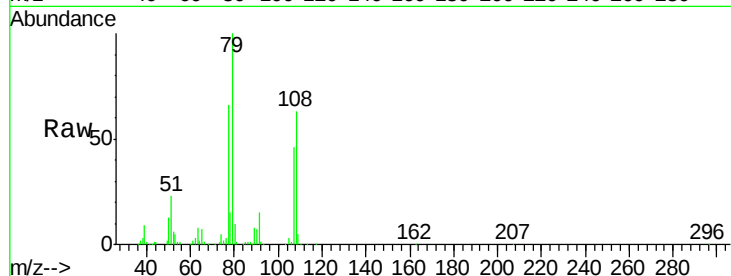
Tgt Ion: 79 Resp: 197005

Ion Ratio Lower Upper

79 100

108 63.1 57.2 85.8

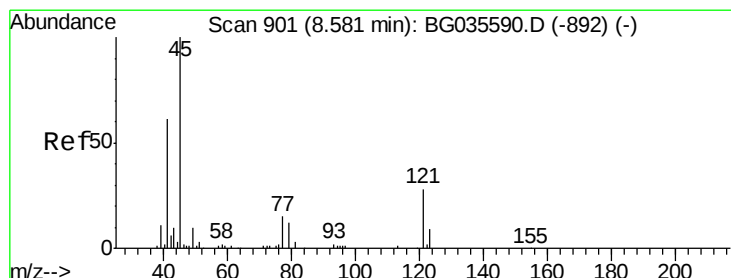
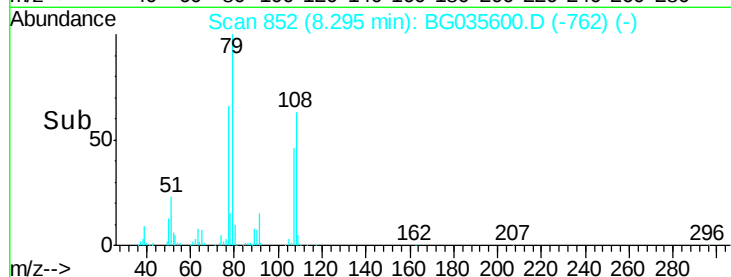
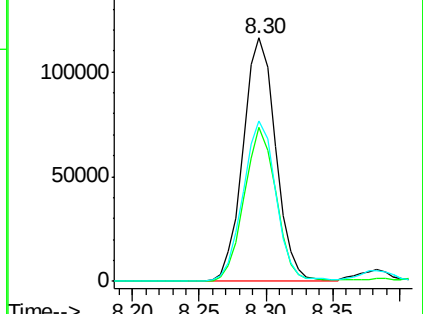
77 66.1 46.1 69.1



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: 64.550 ng

RT: 8.58 min Scan# 901

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

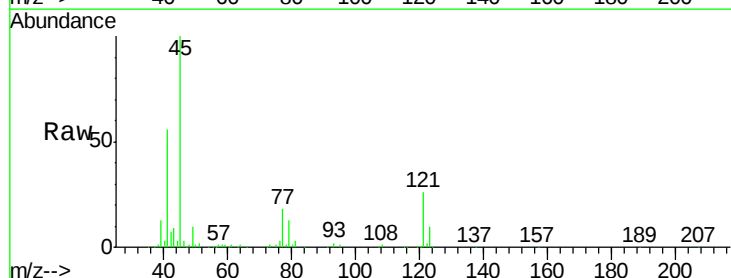
Tgt Ion: 45 Resp: 181867

Ion Ratio Lower Upper

45 100

77 18.2 0.0 30.2

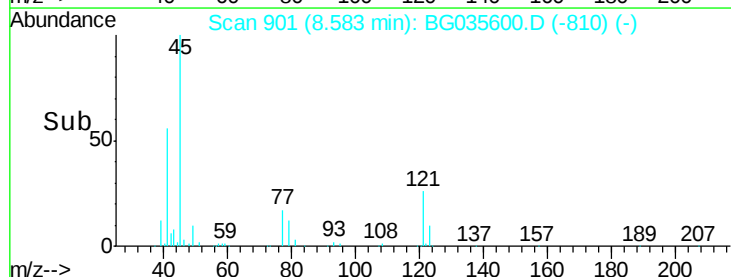
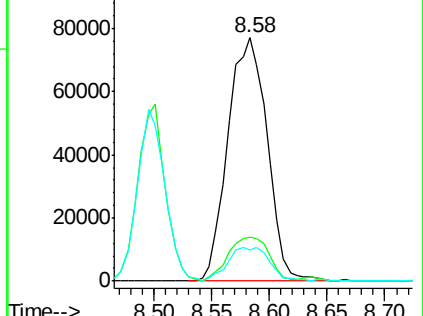
79 12.7 0.0 27.9

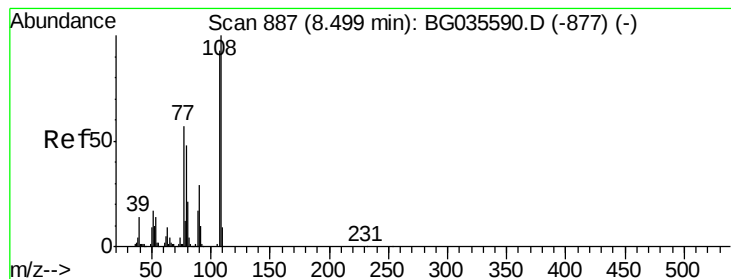


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 54.696 ng

RT: 8.49 min Scan# 886

Delta R.T. -0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

Tgt Ion:107 Resp: 159578

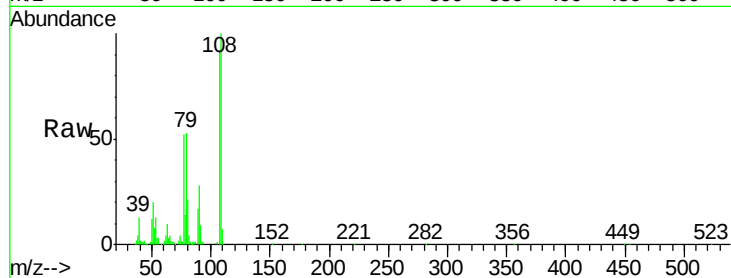
Ion Ratio Lower Upper

107 100

108 108.1 83.9 125.9

77 56.2 37.2 55.8#

79 57.8 36.2 54.2#



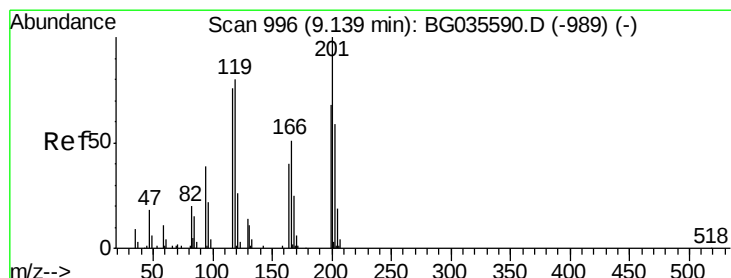
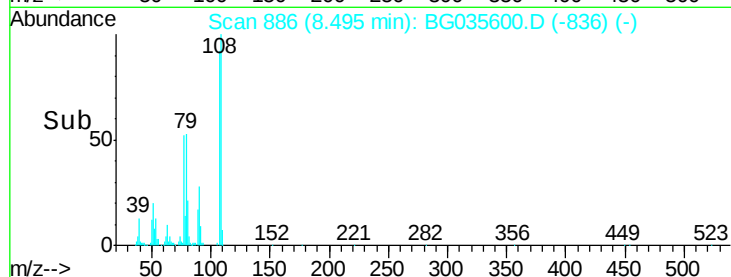
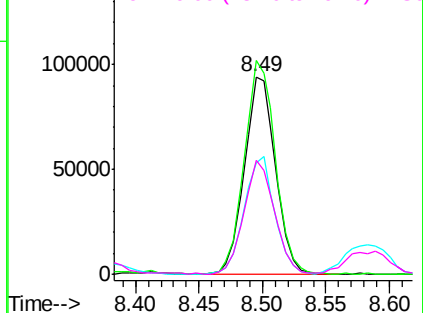
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 44.445 ng

RT: 9.14 min Scan# 996

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

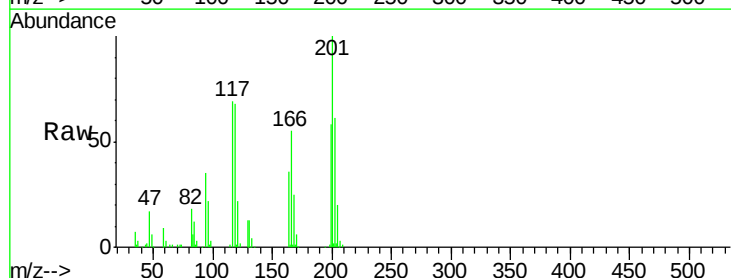
Tgt Ion:117 Resp: 60371

Ion Ratio Lower Upper

117 100

119 99.0 76.7 115.1

201 145.1 95.7 143.5#

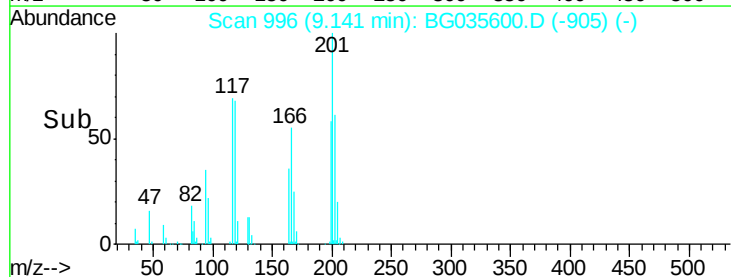
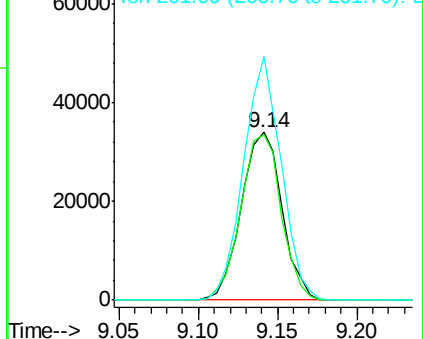


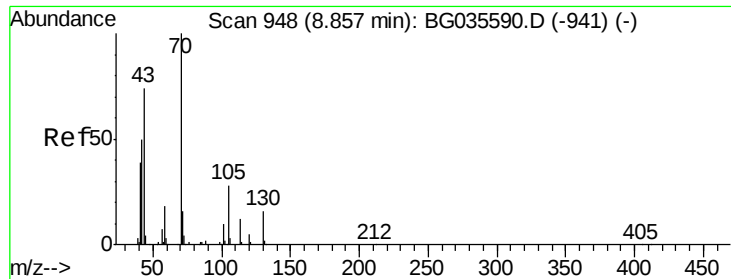
Abundance

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

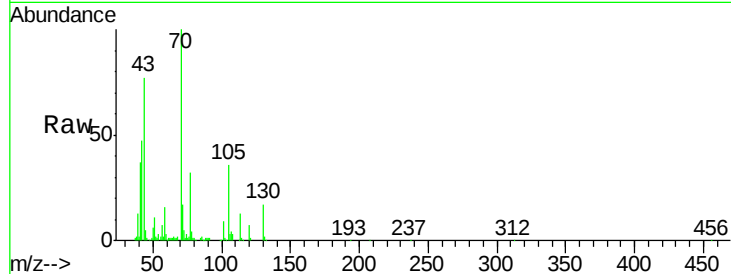




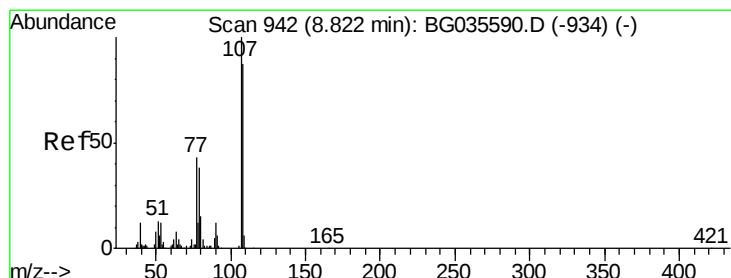
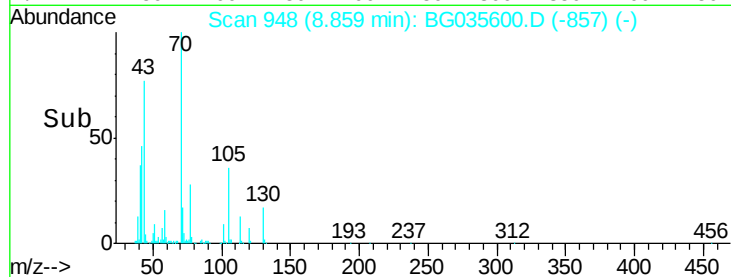
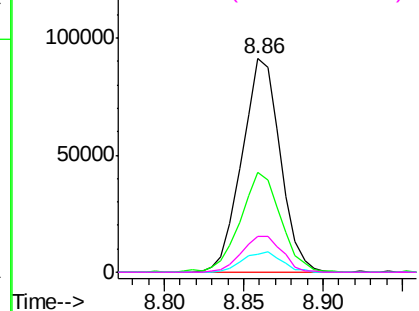
#19
n-Nitroso-di-n-propylamine
Concen: 42.805 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

Instrument :
BNA_G
ClientSampleId :
PB110986BSD

Tgt Ion: 70 Resp: 153101
Ion Ratio Lower Upper
70 100
42 46.5 49.1 73.7#
101 8.7 8.5 12.7
130 16.9 13.4 20.0

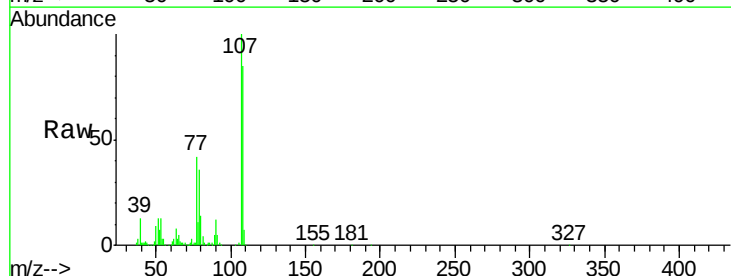


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

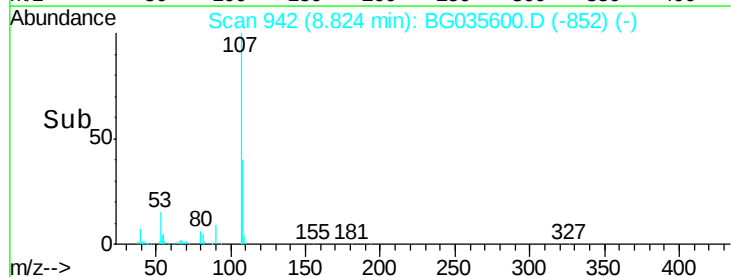
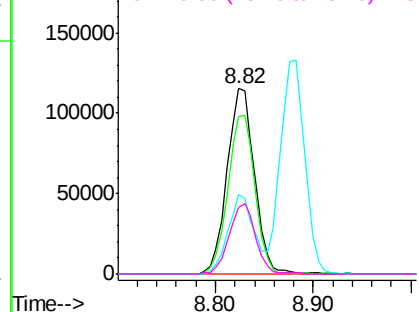


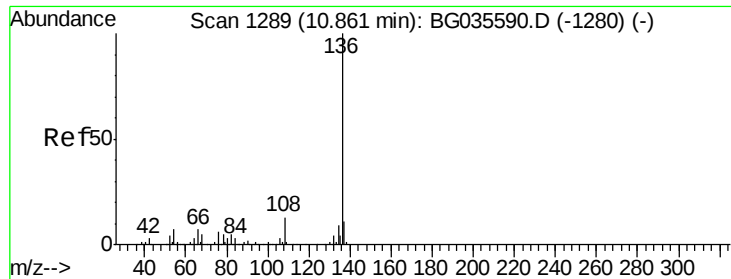
#20
3+4-Methylphenols
Concen: 55.192 ng
RT: 8.82 min Scan# 942
Delta R.T. 0.00 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

Tgt Ion: 107 Resp: 223388
Ion Ratio Lower Upper
107 100
108 85.0 61.6 101.6
77 42.5 13.9 53.9
79 36.2 8.8 48.8



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

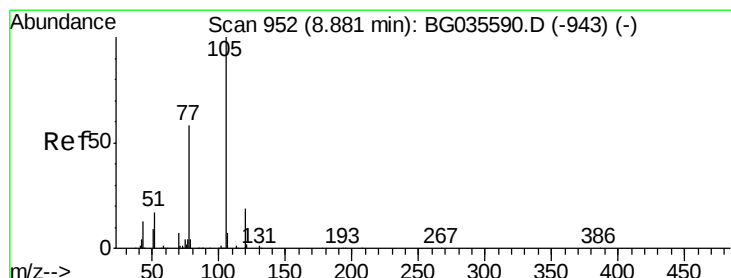
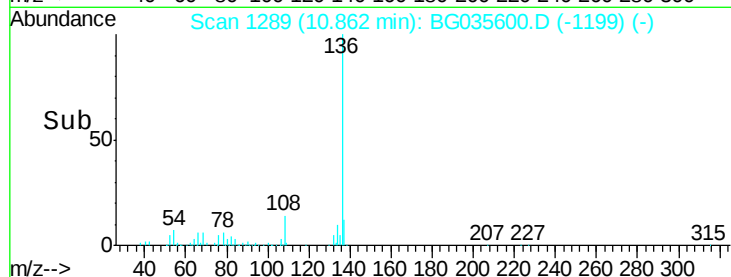
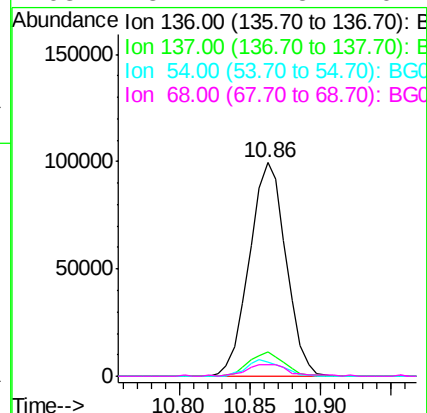
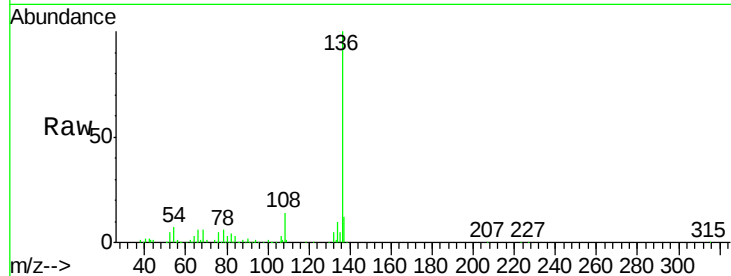




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

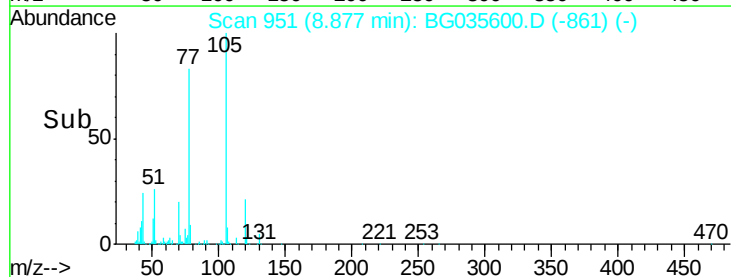
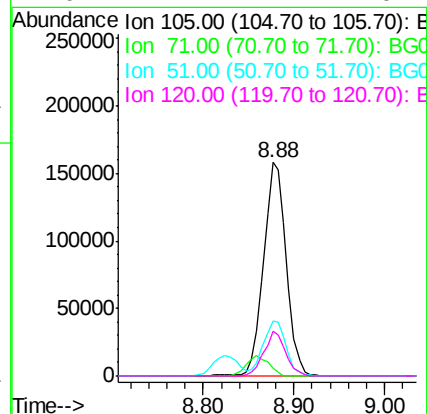
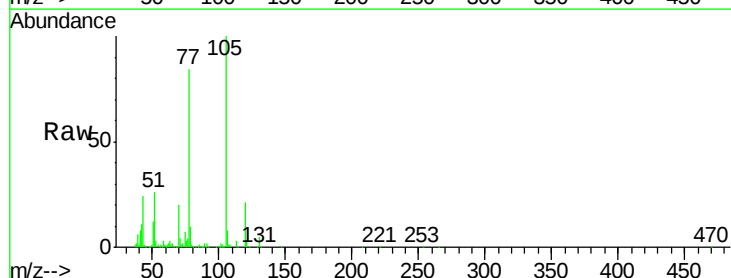
Instrument :
BNA_G
ClientSampleId :
PB110986BSD

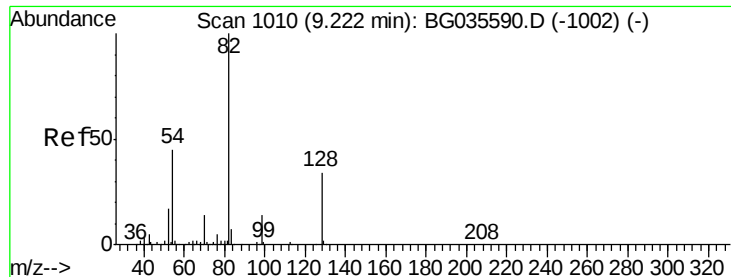
Tgt Ion:	136	Resp:	181455
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.2	13.8
54	6.7	10.3	15.5#
68	5.7	4.5	6.7



#22
Acetophenone
Concen: 48.690 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

Tgt Ion:	105	Resp:	274742
Ion Ratio	Lower	Upper	
105	100		
71	3.6	3.0	4.4
51	26.0	26.1	39.1#
120	21.2	17.4	26.2





#23

Nitrobenzene-d5

Concen: 112.089 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

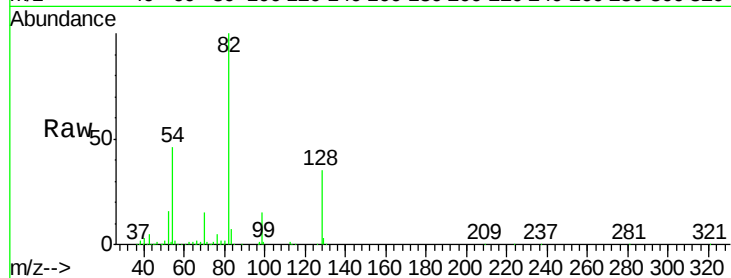
Tgt Ion: 82 Resp: 486875

Ion Ratio Lower Upper

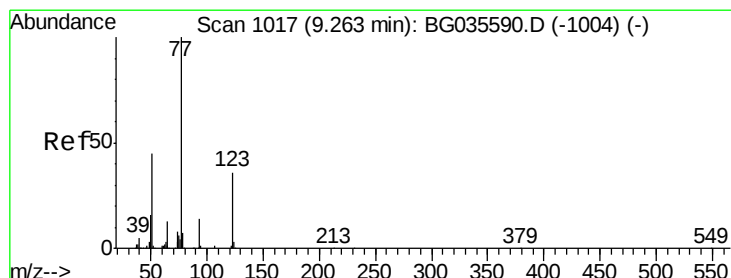
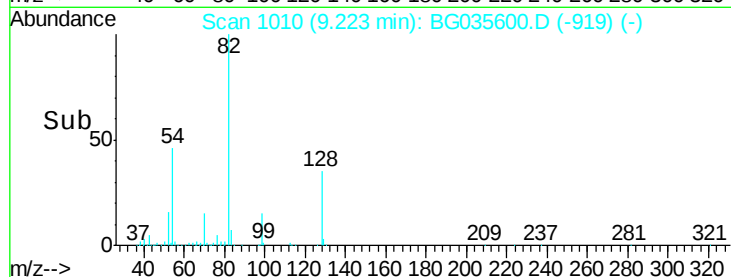
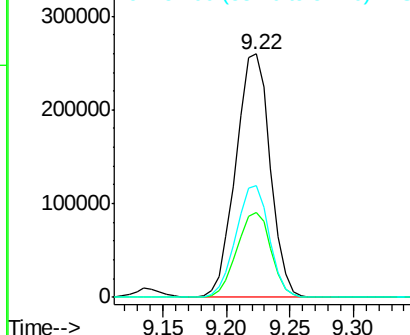
82 100

128 34.6 29.7 44.5

54 45.7 43.1 64.7



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



#24

Nitrobenzene

Concen: 50.912 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

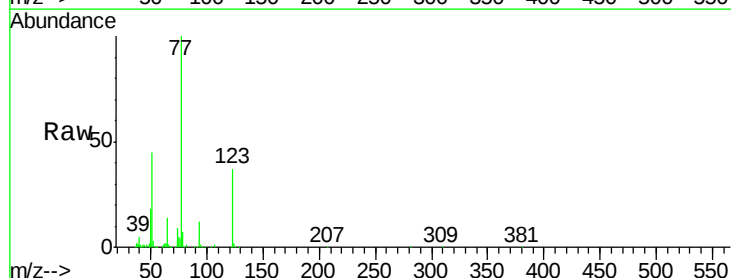
Tgt Ion: 77 Resp: 222402

Ion Ratio Lower Upper

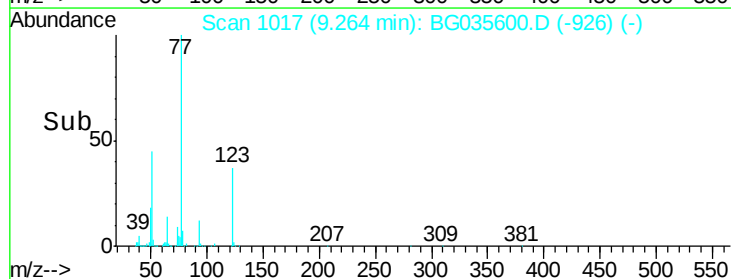
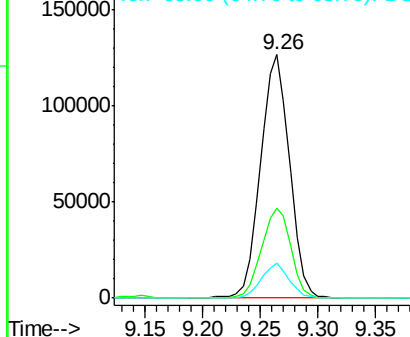
77 100

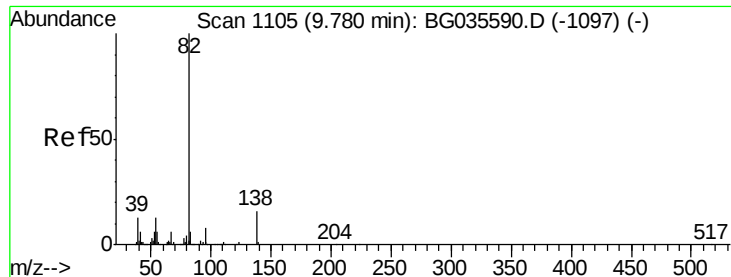
123 36.9 33.0 49.6

65 14.2 13.0 19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 54.277 ng

RT: 9.78 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

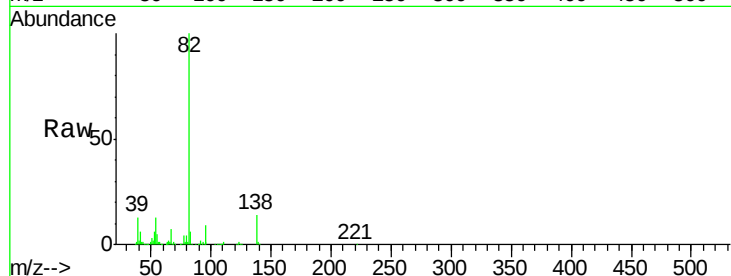
Tgt Ion: 82 Resp: 437654

Ion Ratio Lower Upper

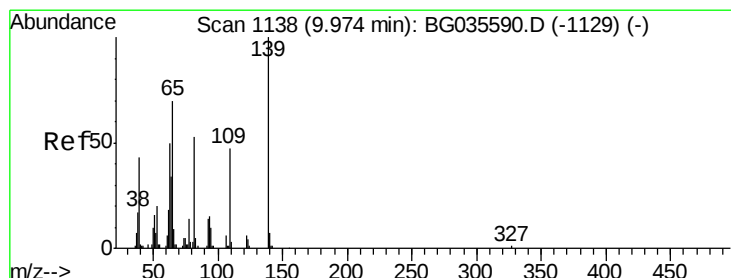
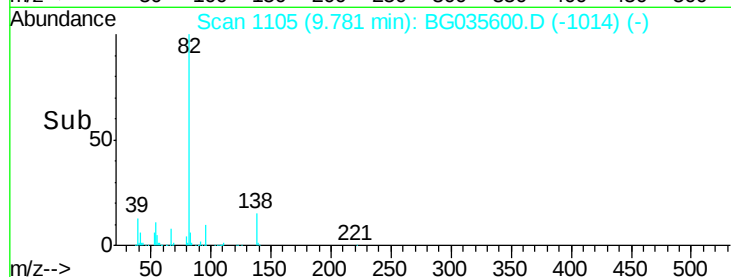
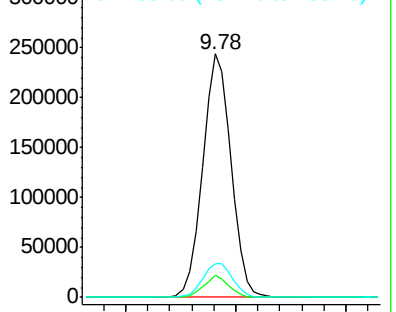
82 100

95 9.0 6.2 9.2

138 13.8 12.1 18.1



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



#26

2-Nitrophenol

Concen: 56.377 ng

RT: 9.98 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

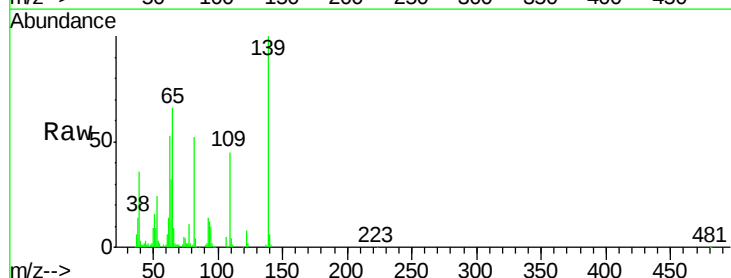
Tgt Ion: 139 Resp: 87465

Ion Ratio Lower Upper

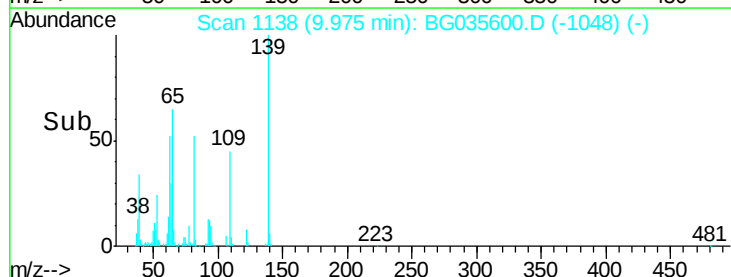
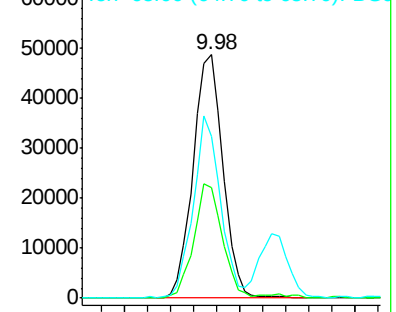
139 100

109 45.2 24.2 36.2#

65 66.3 47.4 71.0



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

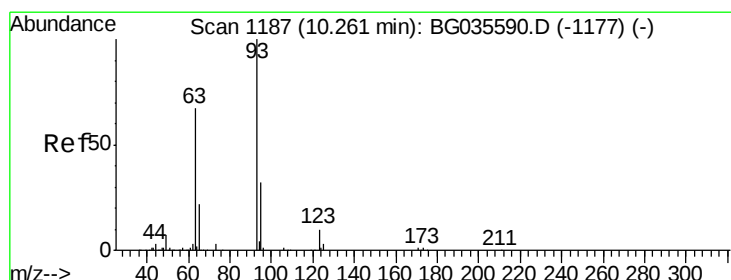
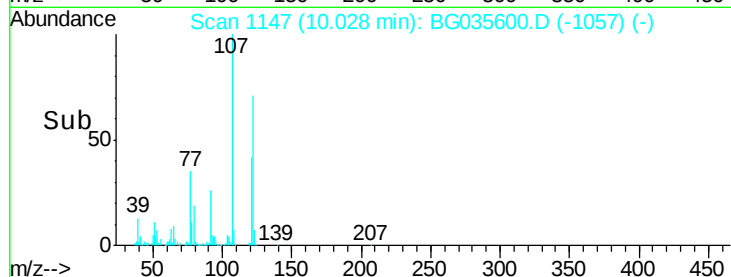
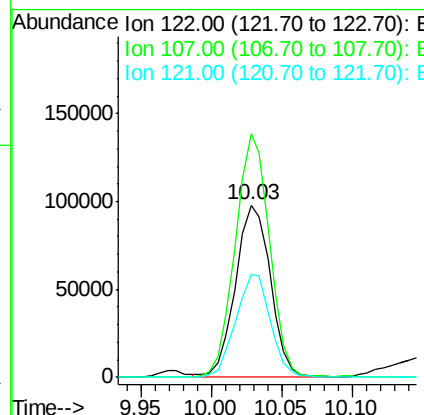
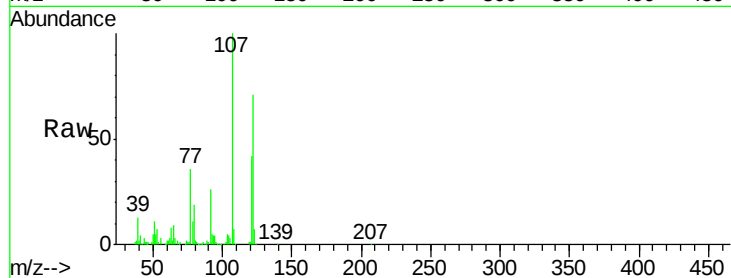




#27
2,4-Dimethylphenol
Concen: 64.823 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

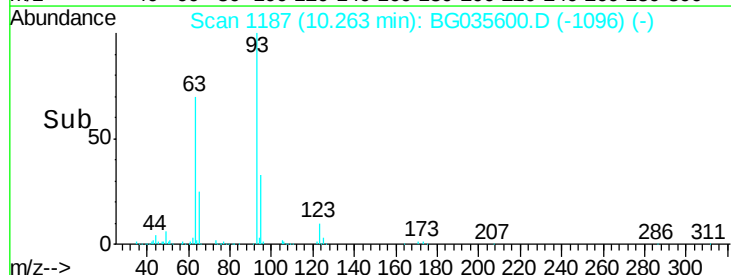
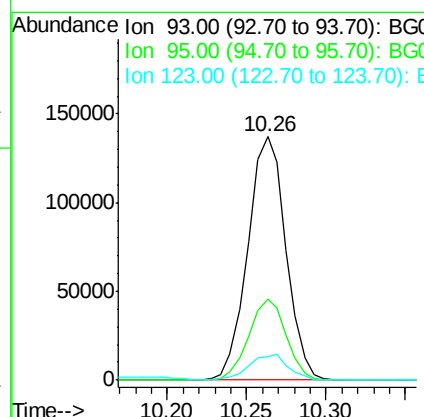
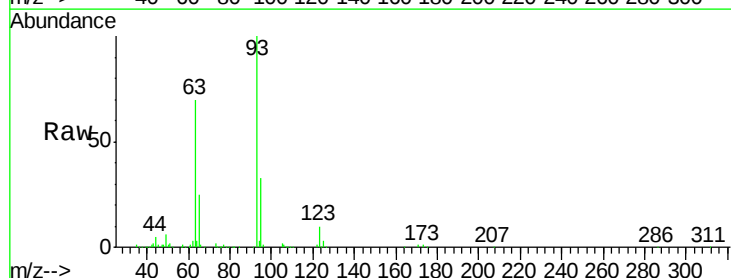
Instrument :
BNA_G
ClientSampleId :
PB110986BSD

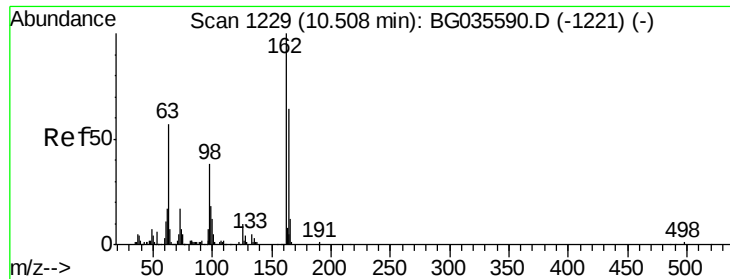
Tgt Ion	Ratio	Lower	Upper
122	100		
107	141.4	100.2	150.2
121	59.7	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 51.374 ng
RT: 10.26 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	24.3	36.5
123	9.5	8.4	12.6

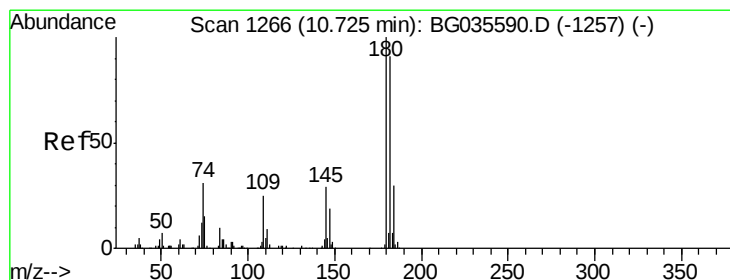
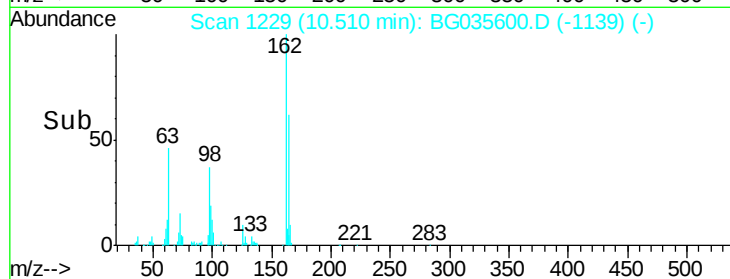
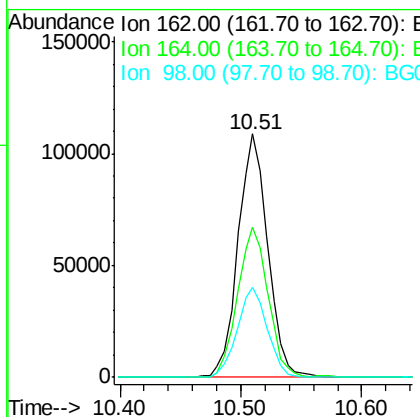
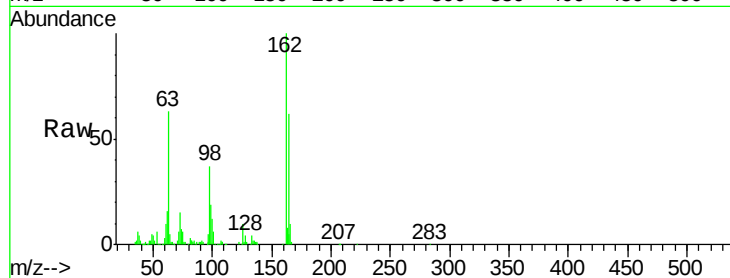




#29
 2,4-Dichlorophenol
 Concen: 62.328 ng
 RT: 10.51 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

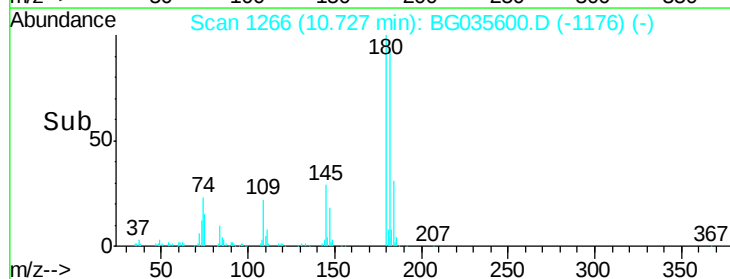
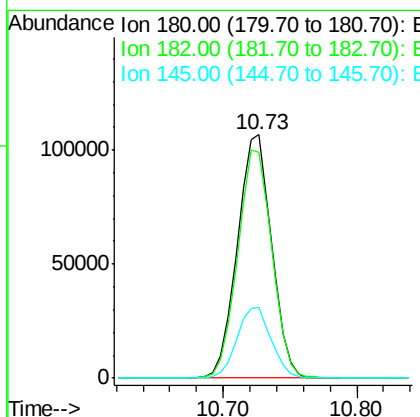
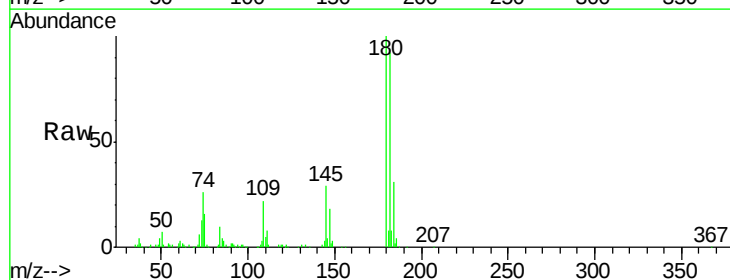
Instrument :
 BNA_G
 ClientSampleId :
 PB110986BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.9	48.0	88.0
98	37.0	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 51.257 ng
 RT: 10.73 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	77.5	116.3
145	28.9	23.4	35.2

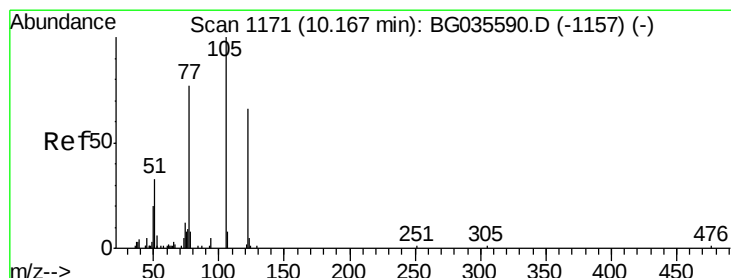
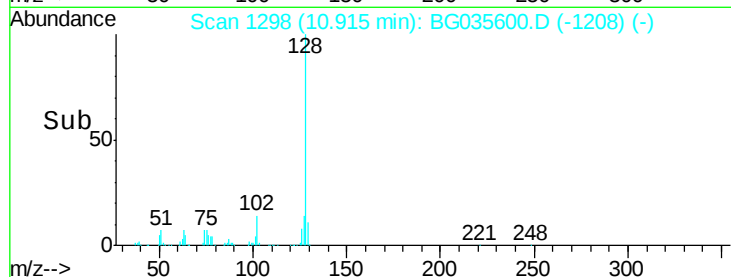
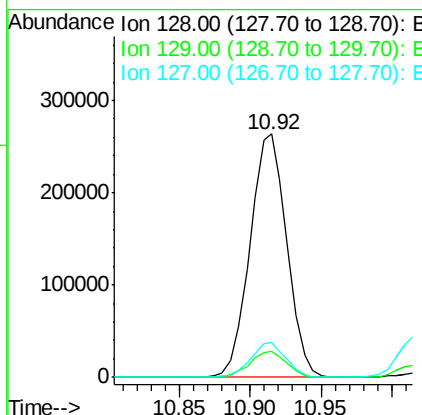
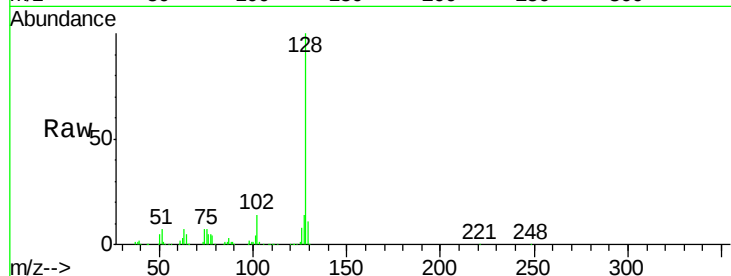




#31
Naphthalene
Concen: 50.756 ng
RT: 10.92 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

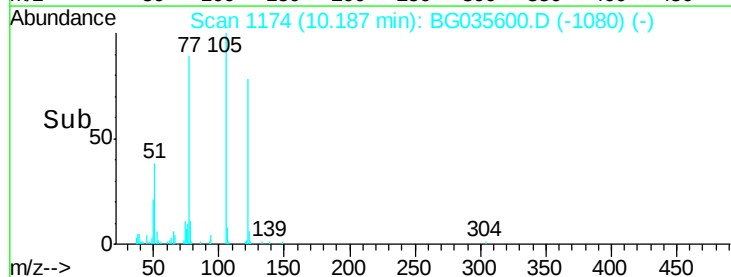
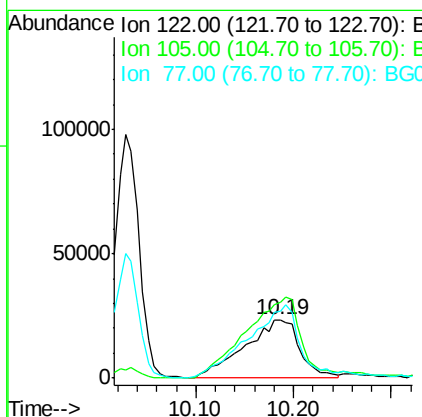
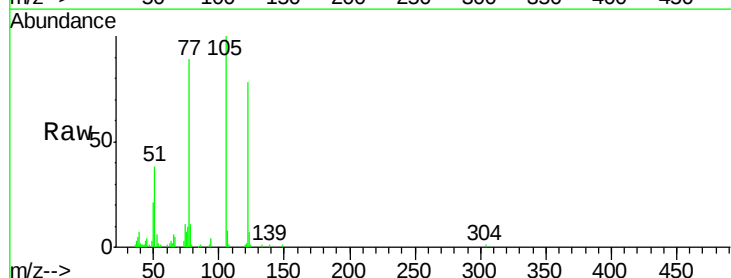
Instrument :
BNA_G
ClientSampleId :
PB110986BSD

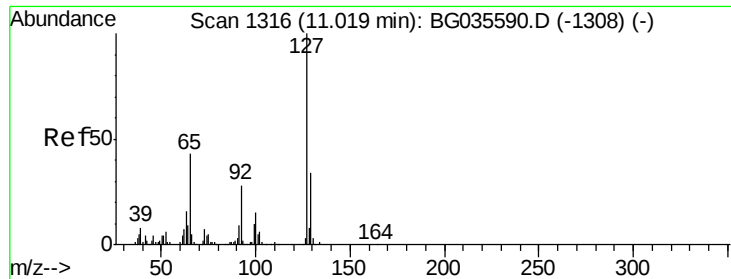
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	14.3	11.6	17.4



#32
Benzoic acid
Concen: 52.246 ng
RT: 10.19 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.0	123.5	163.5
77	114.7	85.7	125.7

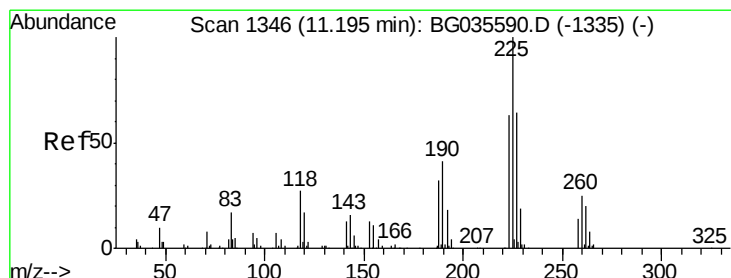
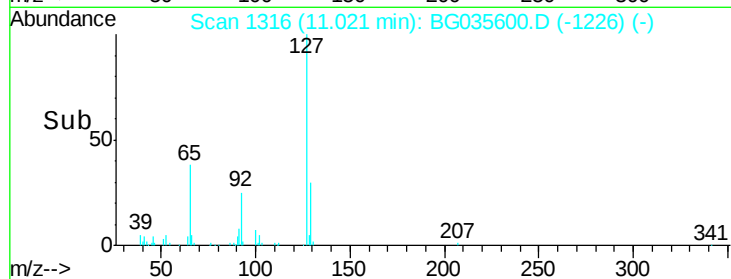
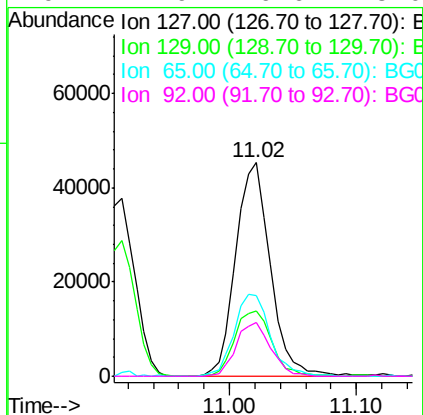
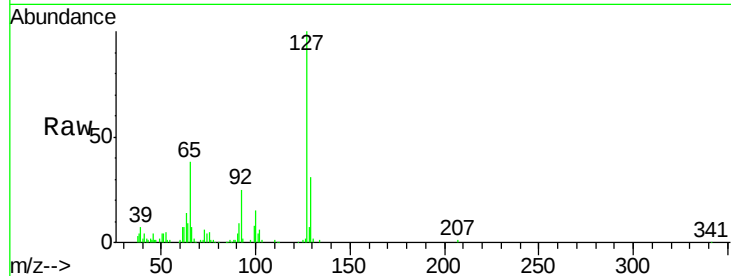




#33
4-Chloroaniline
Concen: 20.739 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

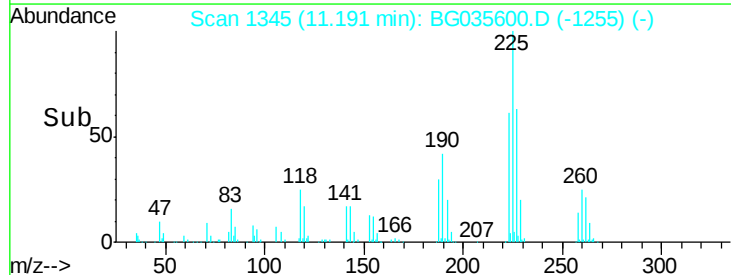
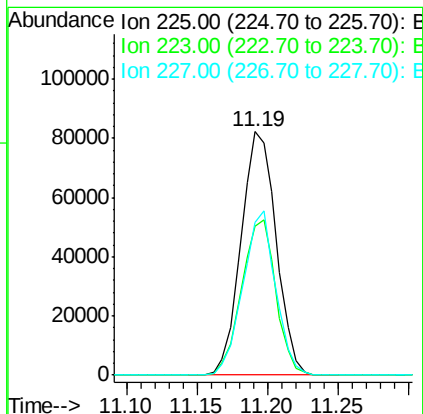
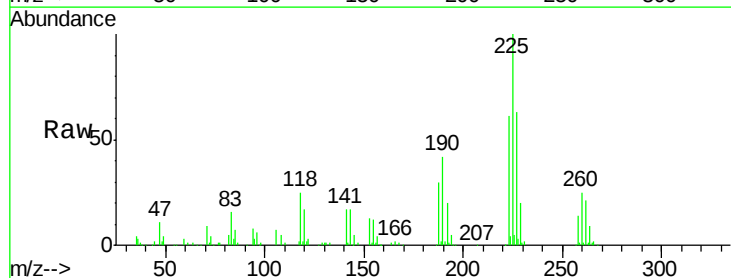
Instrument :
BNA_G
ClientSampleId :
PB110986BSD

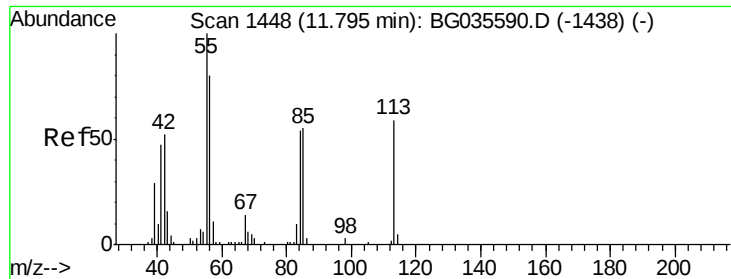
Tgt Ion:	127	Resp:	85437
Ion	Ratio	Lower	Upper
127	100		
129	30.6	24.0	36.0
65	37.7	27.0	40.4
92	24.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 49.831 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

Tgt Ion:	225	Resp:	142837
Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.7	74.5
227	62.6	48.1	72.1





#35

Caprolactam

Concen: 29.827 ng

RT: 11.80 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

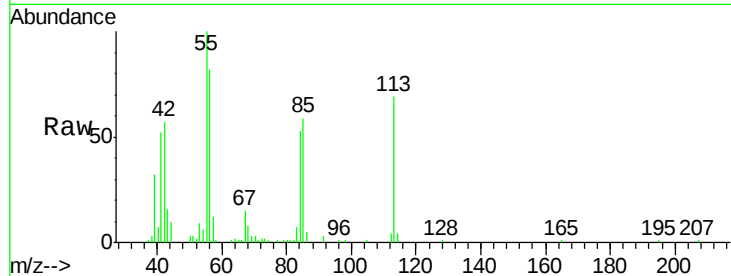
Tgt Ion:113 Resp: 38371

Ion Ratio Lower Upper

113 100

55 145.9 186.9 226.9#

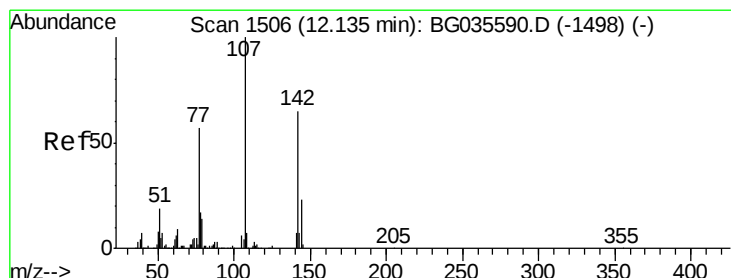
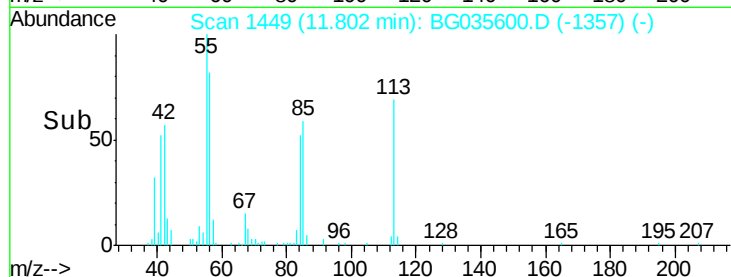
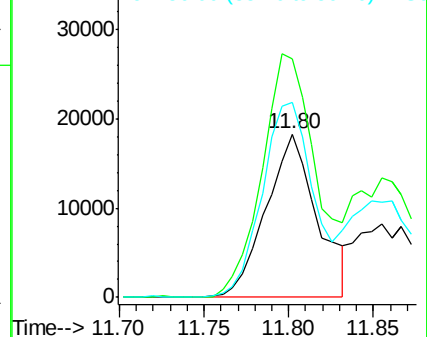
56 119.7 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 57.147 ng

RT: 12.14 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

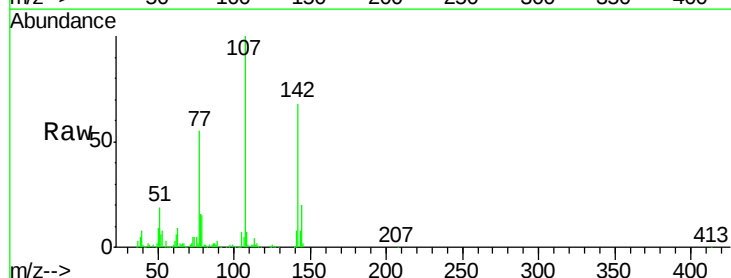
Tgt Ion:107 Resp: 229631

Ion Ratio Lower Upper

107 100

144 20.0 18.2 27.4

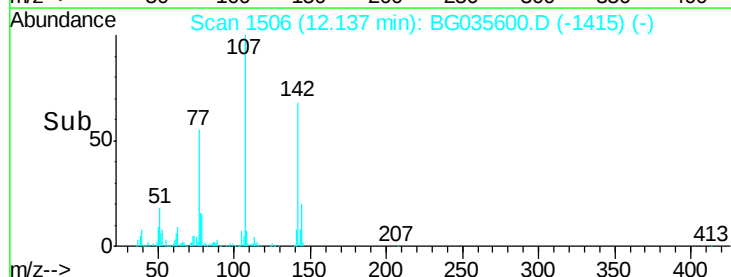
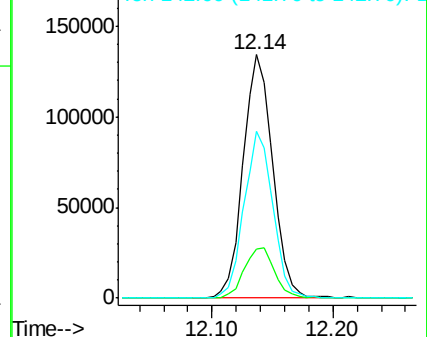
142 68.3 59.0 88.4

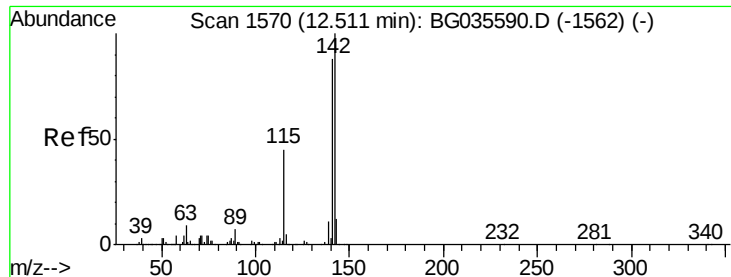


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

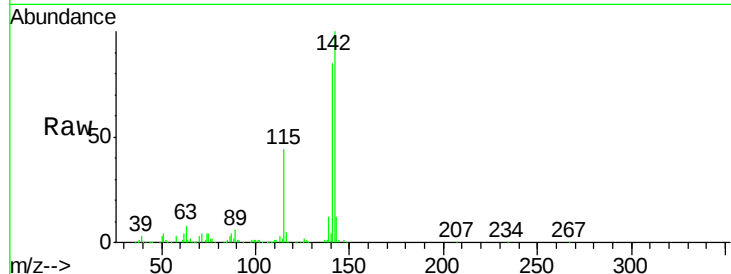




#37
 2-Methylnaphthalene
 Concen: 54.255 ng
 RT: 12.51 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB110986BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.1	67.1	100.7
115	43.6	30.7	46.1

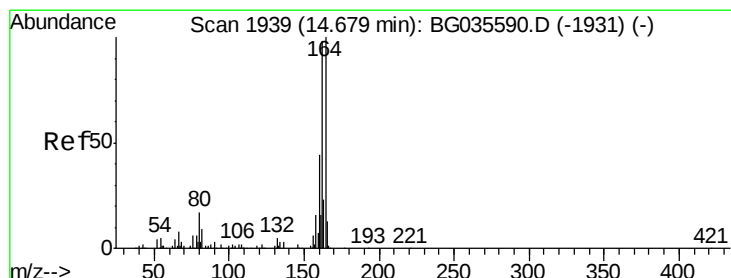
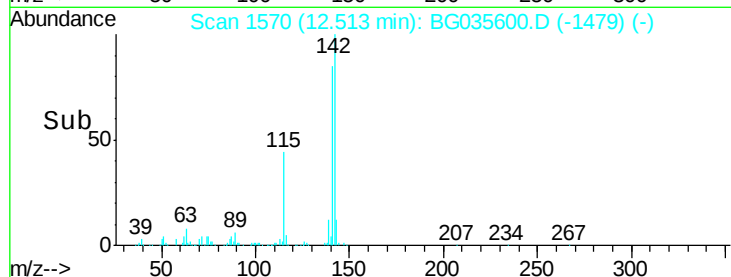
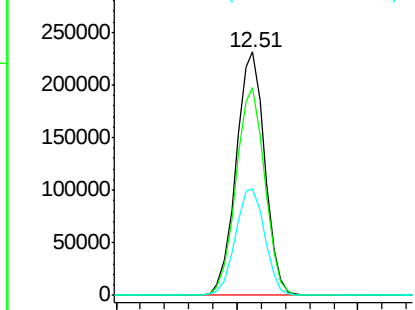


Abundance

Ion 142.00 (141.70 to 142.70): E

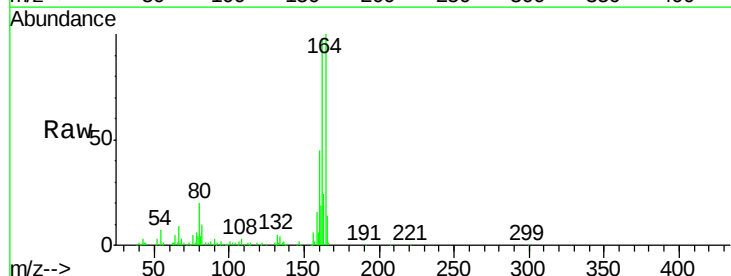
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.8	118.2
160	45.2	35.4	53.0

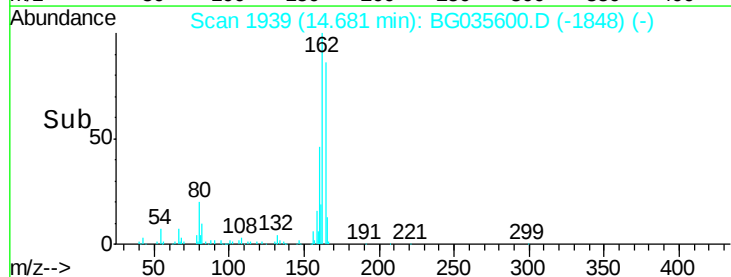
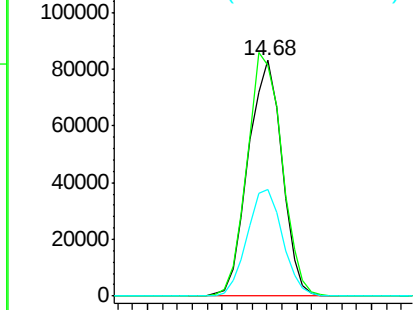


Abundance

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

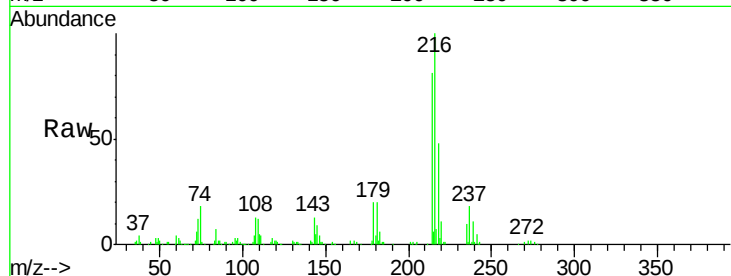




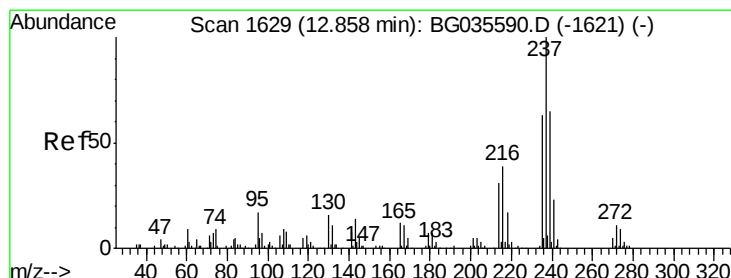
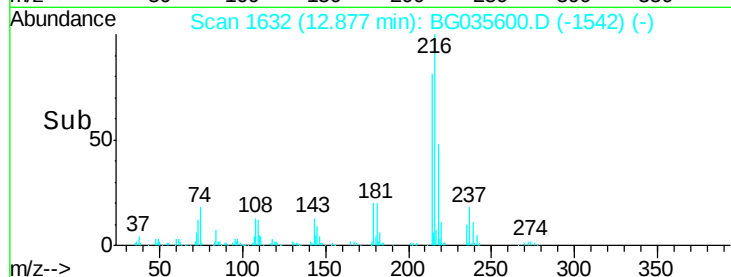
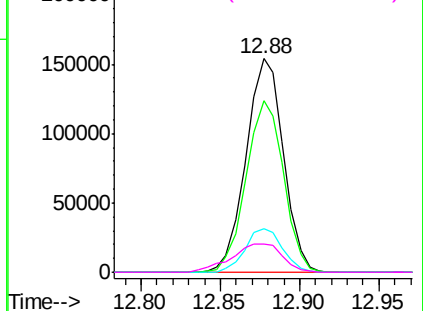
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.244 ng
 RT: 12.88 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB110986BSD

Tgt Ion:	216	Resp:	252017
Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.0	94.4
179	20.3	17.0	25.6
108	17.8	12.8	19.2

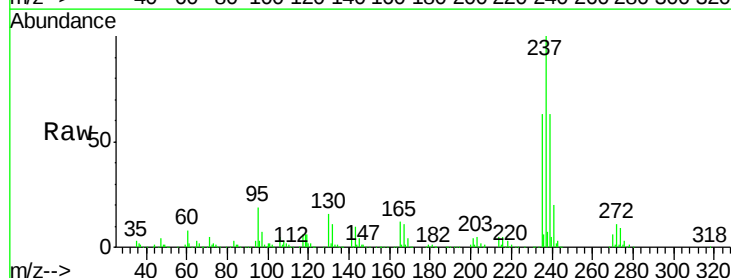


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

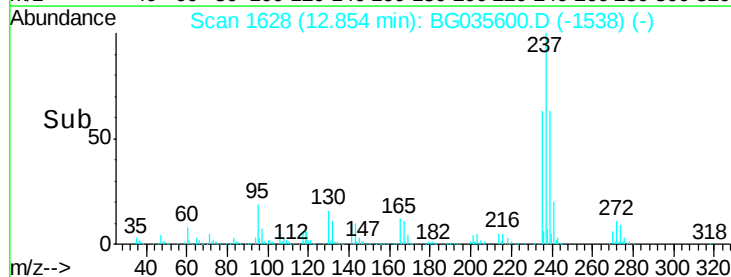
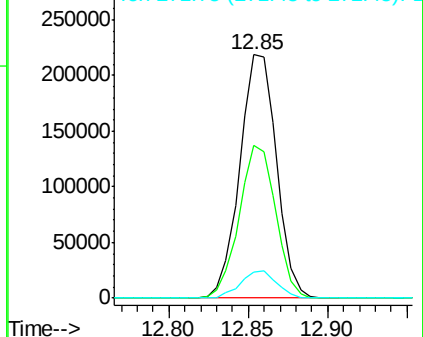


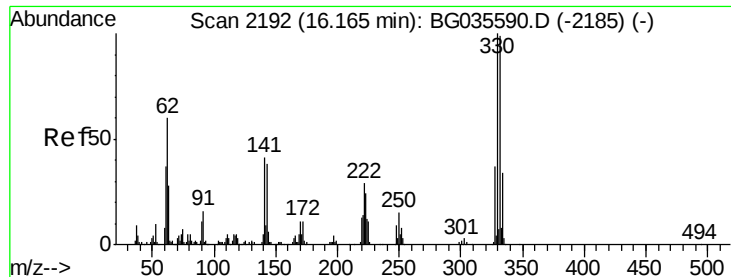
#40
 Hexachlorocyclopentadiene
 Concen: 136.467 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

Tgt Ion:	237	Resp:	351979
Ion	Ratio	Lower	Upper
237	100		
235	62.6	50.4	90.4
272	10.9	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

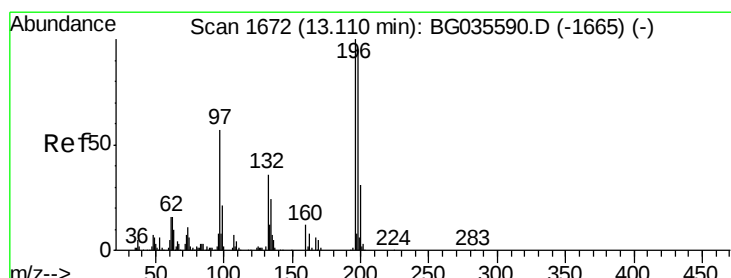
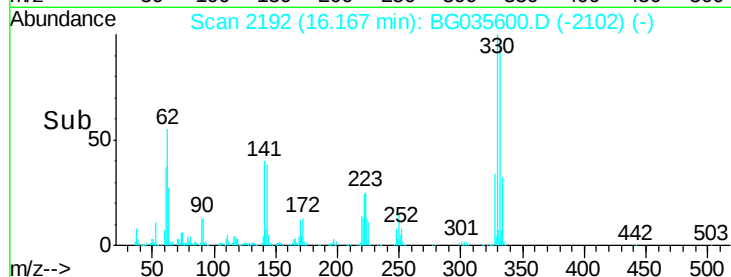
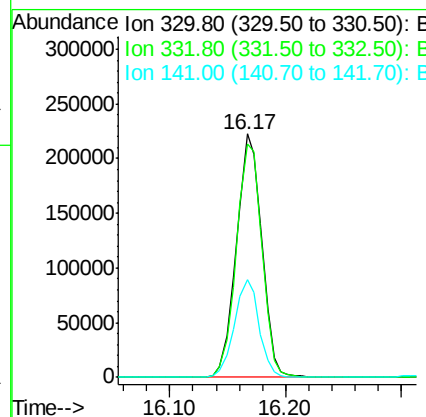
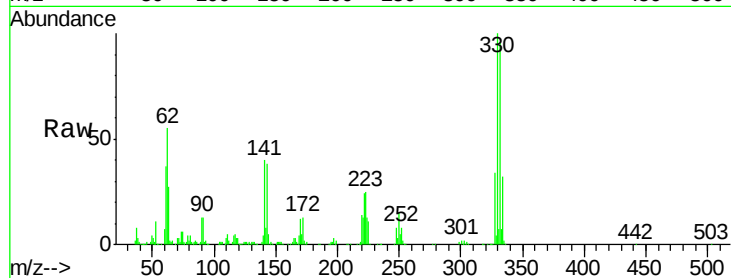




#41
 2,4,6-Tribromophenol
 Concen: 196.990 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

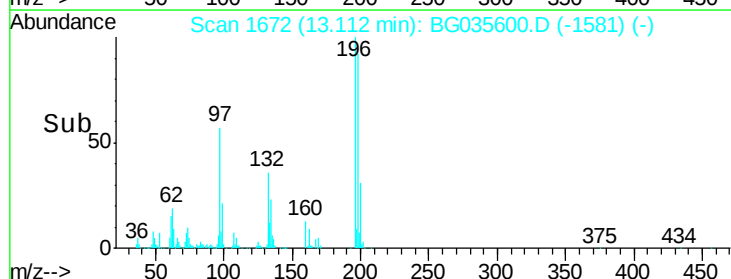
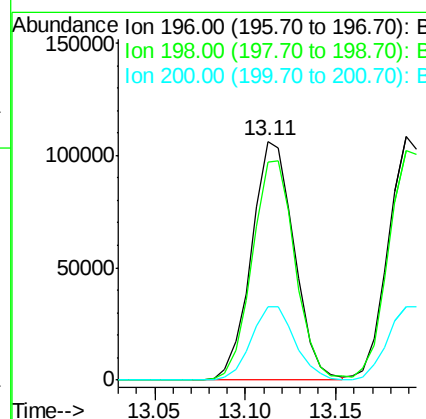
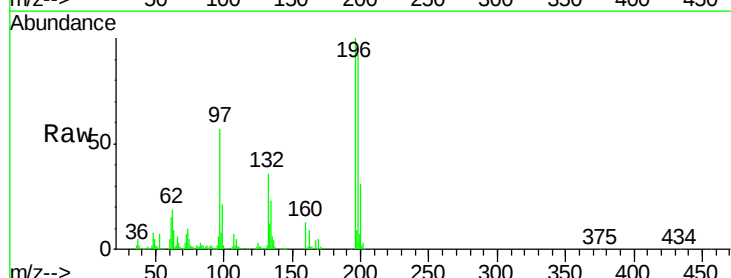
Instrument :
 BNA_G
 ClientSampleId :
 PB110986BSD

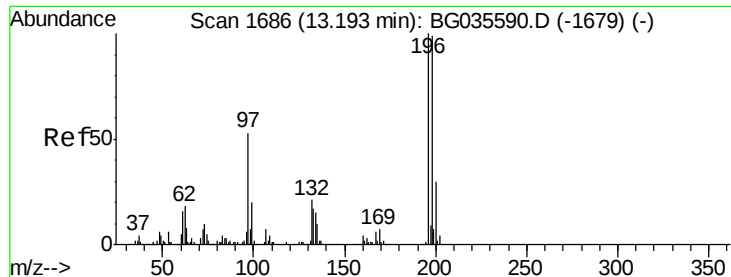
Tgt Ion:330 Resp: 338321
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 39.0 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 60.801 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

Tgt Ion:196 Resp: 174869
 Ion Ratio Lower Upper
 196 100
 198 91.5 78.2 117.2
 200 30.9 24.6 36.8

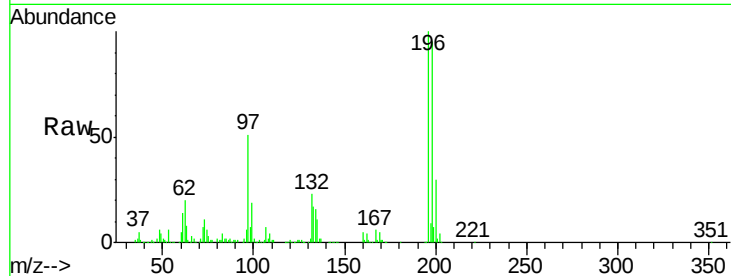




#43
 2,4,5-Trichlorophenol
 Concen: 57.448 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB110986BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.2	114.4
97	51.4	38.7	58.1
132	22.9	20.2	30.2



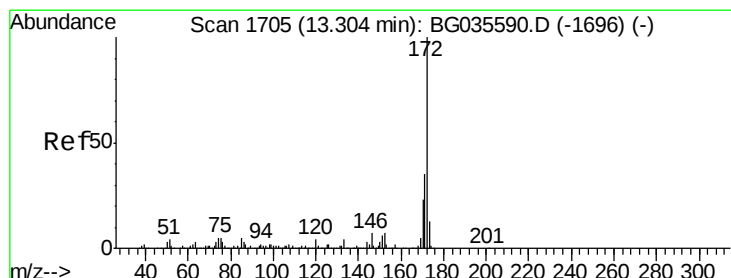
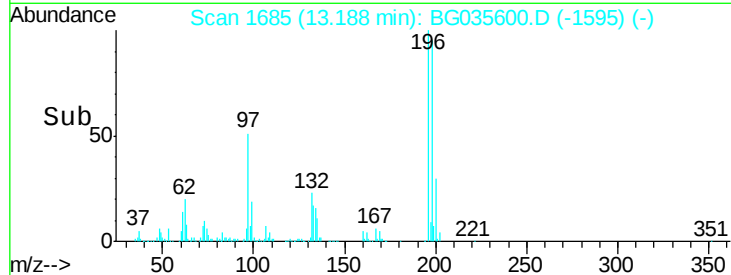
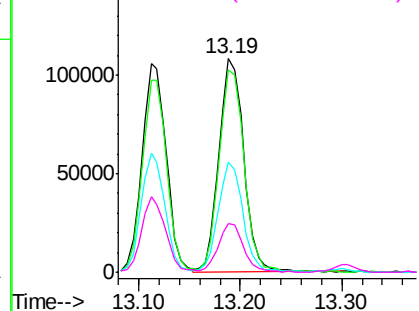
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

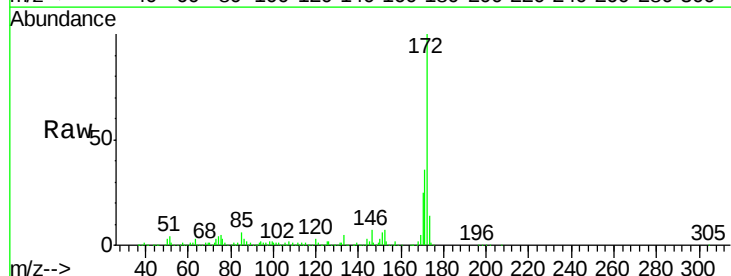
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 111.700 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.0	45.0
170	25.1	19.5	29.3

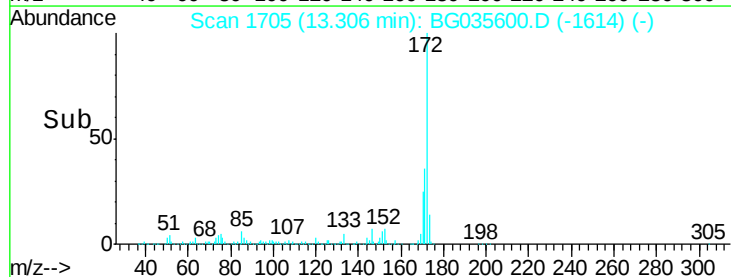
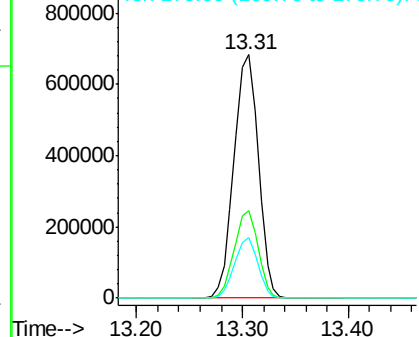


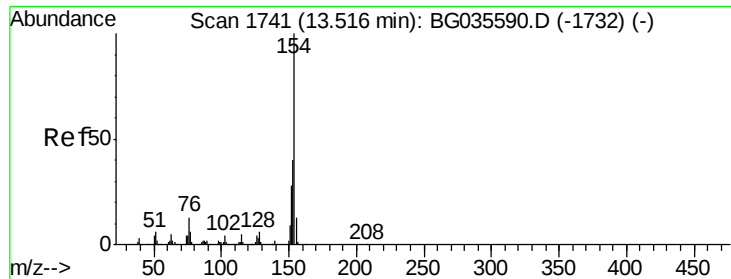
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

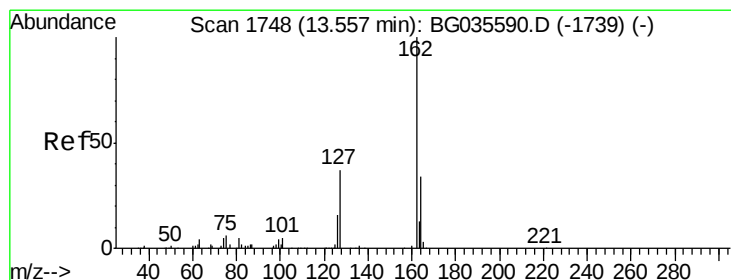
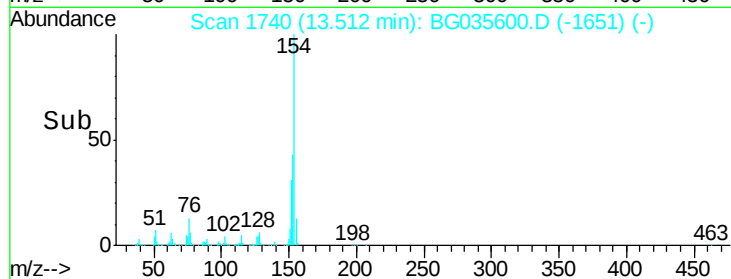
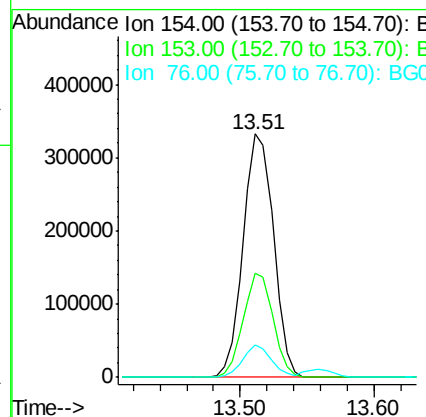
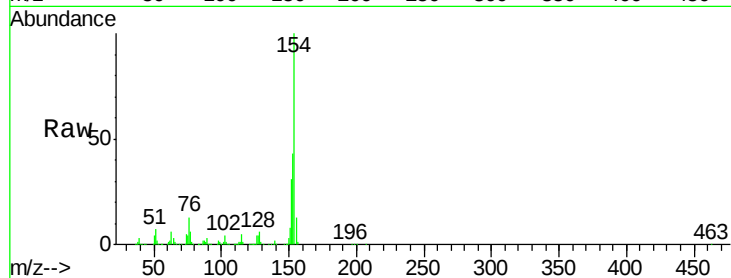




#45
 1,1'-Biphenyl
 Concen: 51.734 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

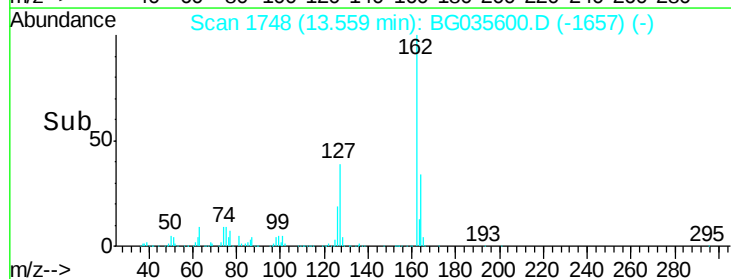
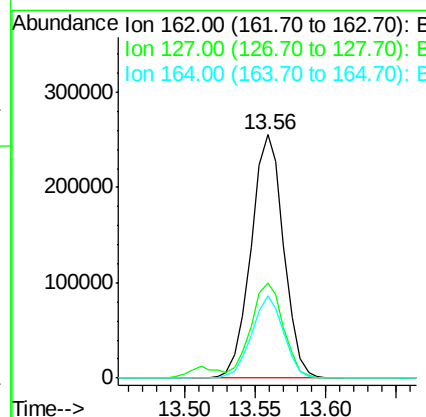
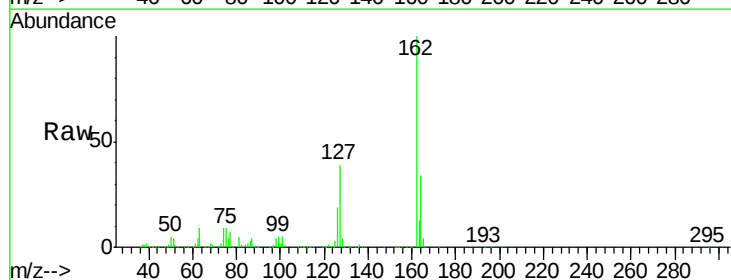
Instrument :
 BNA_G
 ClientSampleId :
 PB110986BSD

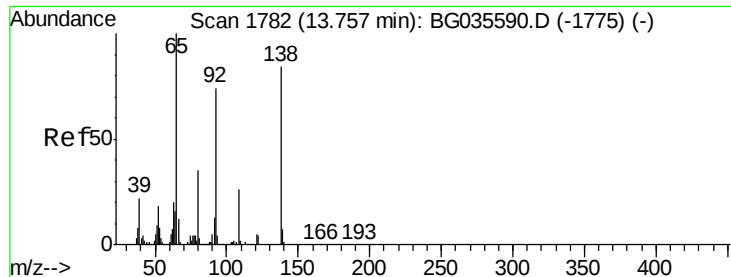
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	19.8	59.8
76	13.1	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 52.582 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	30.7	46.1
164	33.8	26.0	39.0





#47

2-Nitroaniline

Concen: 55.951 ng

RT: 13.76 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

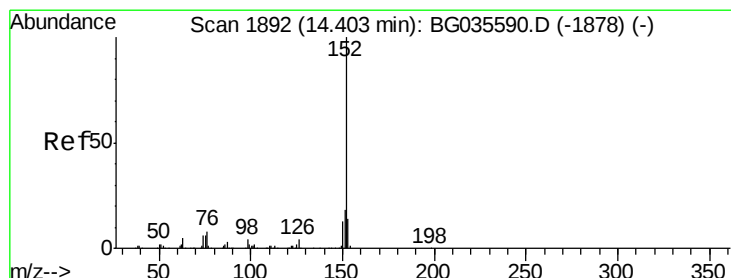
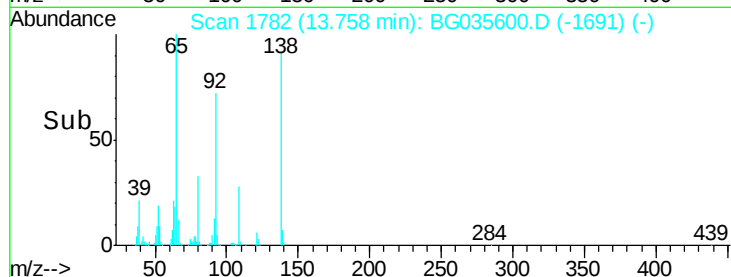
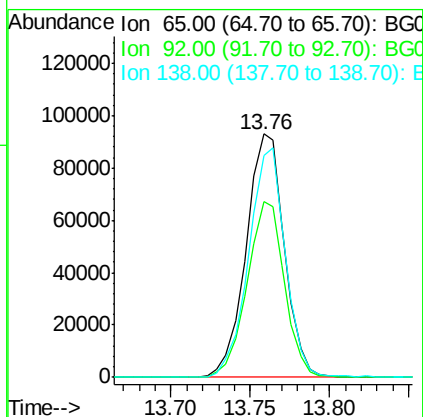
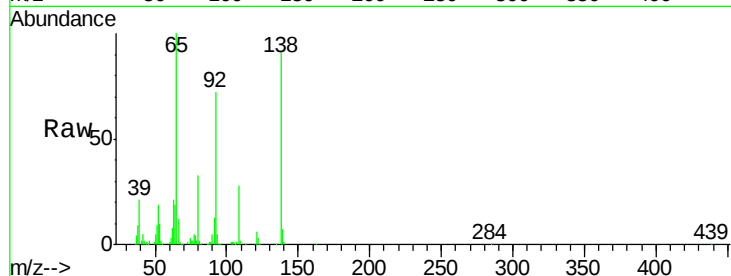
Tgt Ion: 65 Resp: 155432

Ion Ratio Lower Upper

65 100

92 72.1 54.6 82.0

138 91.3 72.9 109.3



#48

Acenaphthylene

Concen: 51.883 ng

RT: 14.40 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

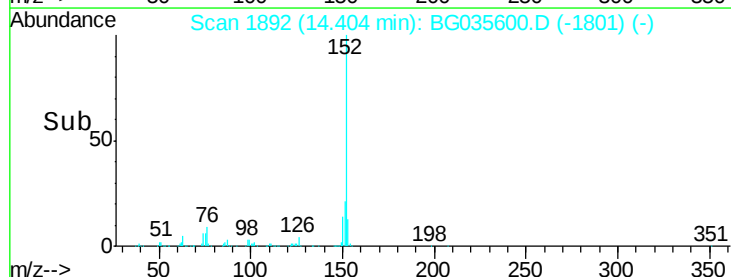
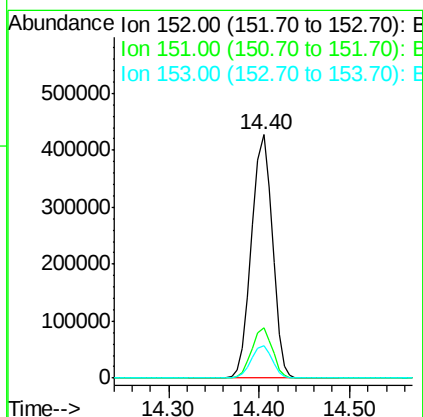
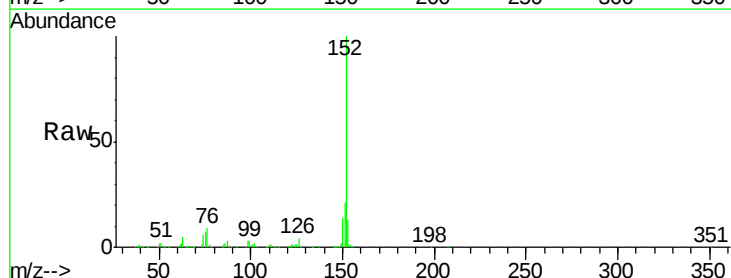
Tgt Ion: 152 Resp: 682934

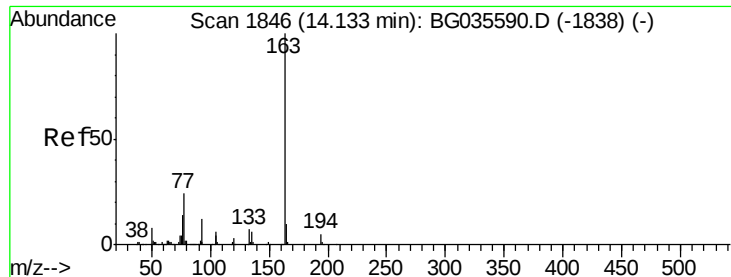
Ion Ratio Lower Upper

152 100

151 20.6 17.2 25.8

153 13.2 10.2 15.4

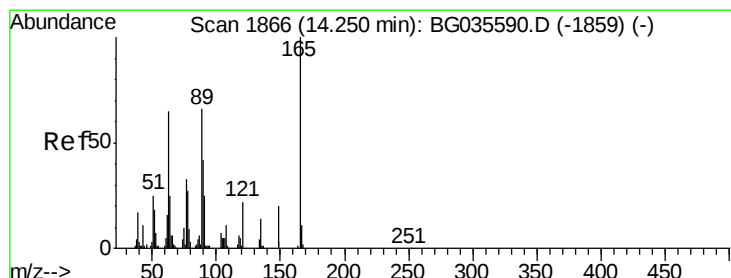
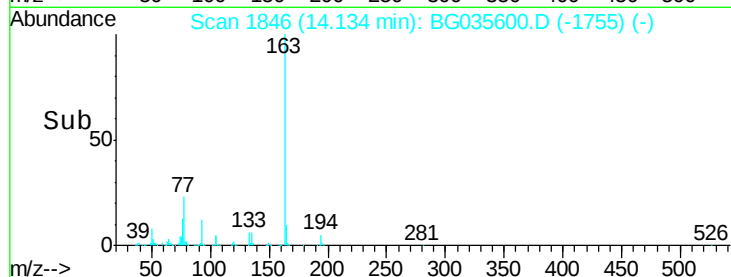
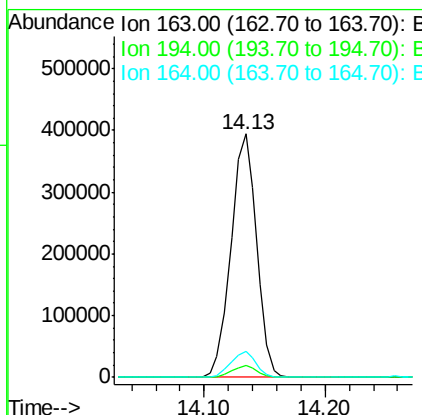
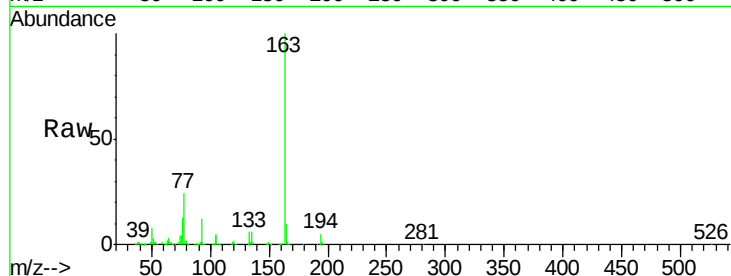




#49
Dimethylphthalate
Concen: 51.005 ng
RT: 14.13 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

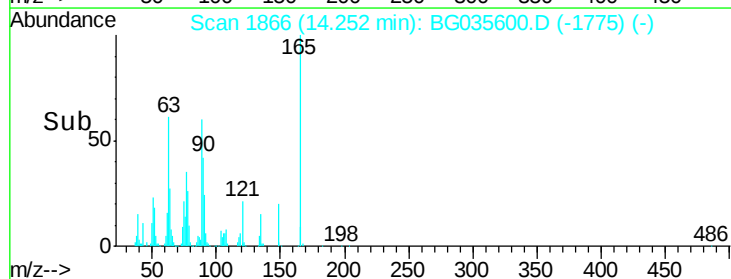
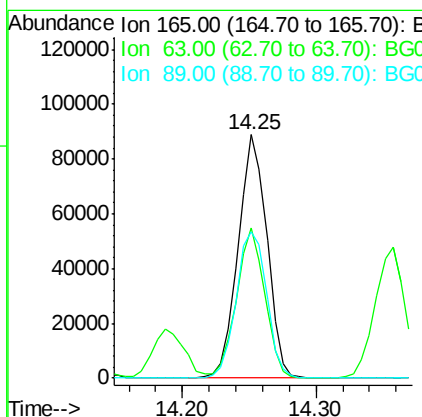
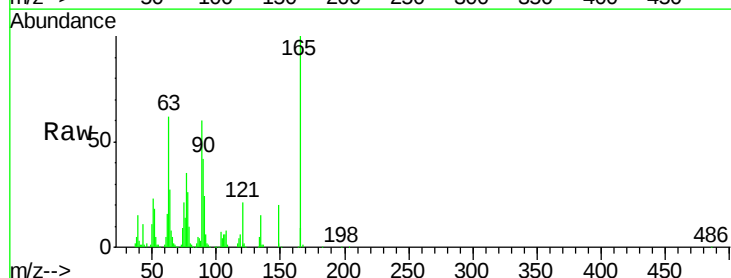
Instrument :
BNA_G
ClientSampleId :
PB110986BSD

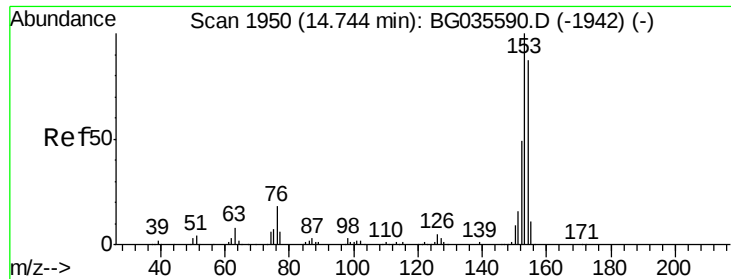
Tgt Ion:163 Resp: 582286
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.2
164 10.5 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 56.965 ng
RT: 14.25 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

Tgt Ion:165 Resp: 132432
Ion Ratio Lower Upper
165 100
63 61.6 52.7 79.1
89 60.3 49.2 73.8





#51

Acenaphthene

Concen: 49.567 ng

RT: 14.75 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

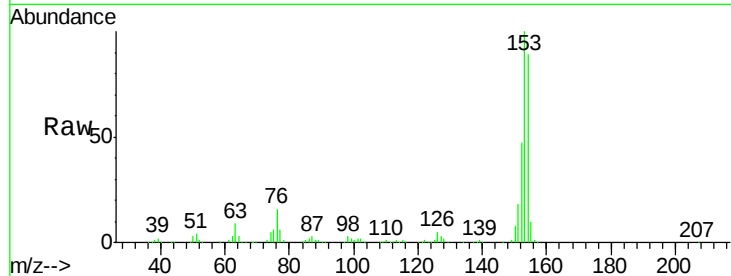
Tgt Ion:154 Resp: 406427

Ion Ratio Lower Upper

154 100

153 112.9 90.4 135.6

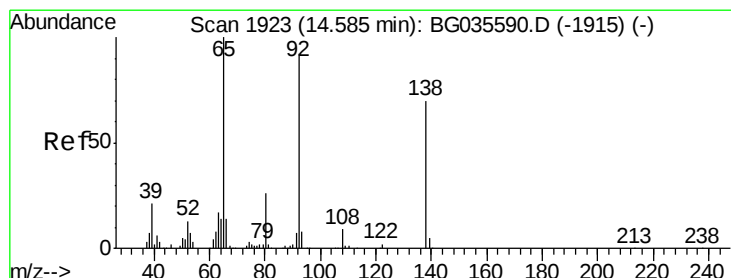
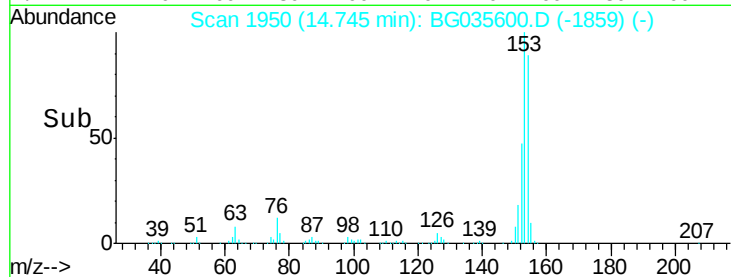
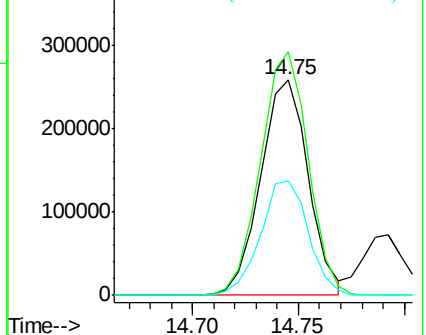
152 53.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.033 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

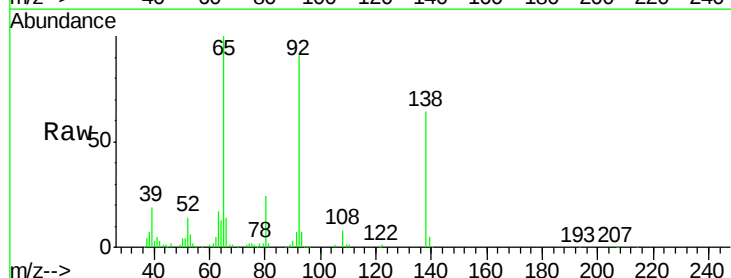
Tgt Ion:138 Resp: 71361

Ion Ratio Lower Upper

138 100

108 13.3 17.5 26.3#

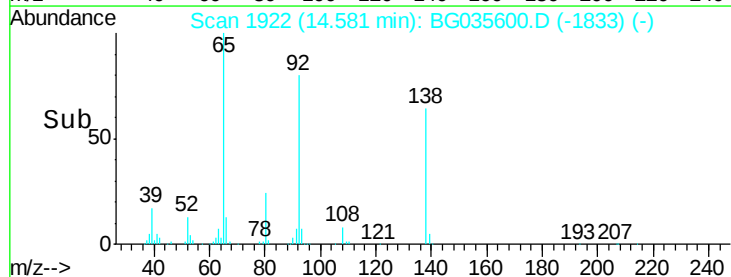
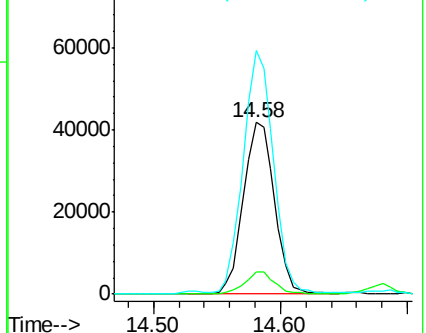
92 141.9 105.8 158.8

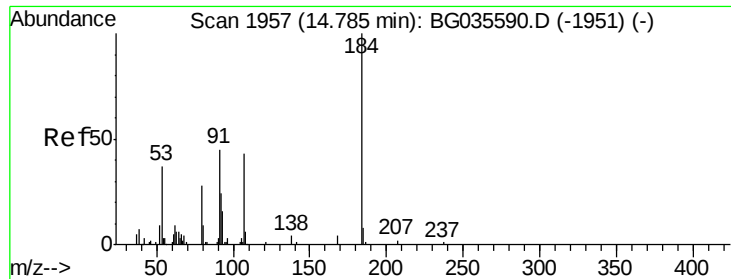


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 125.047 ng

RT: 14.79 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

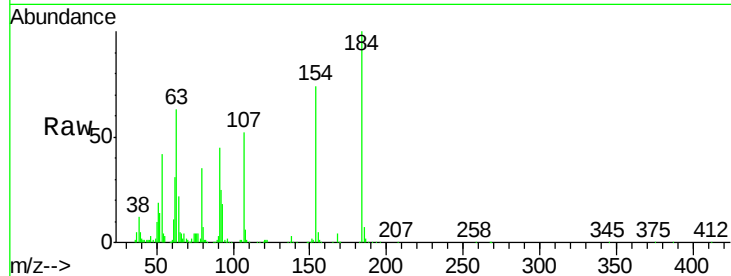
Tgt Ion:184 Resp: 154321

Ion Ratio Lower Upper

184 100

63 63.3 59.8 89.8

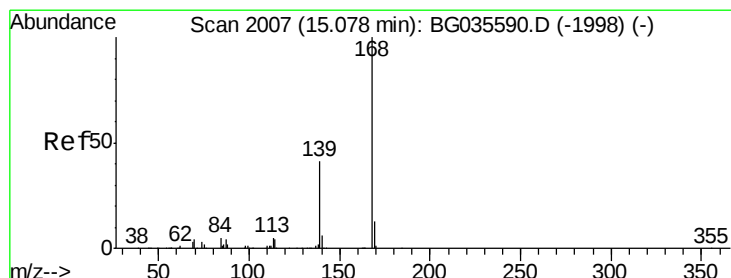
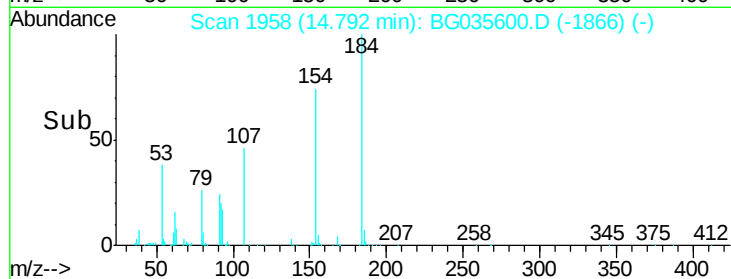
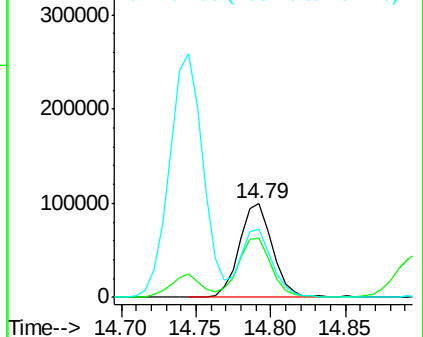
154 73.7 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 51.547 ng

RT: 15.08 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

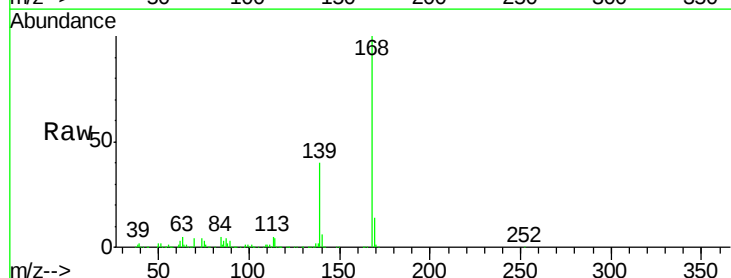
Tgt Ion:168 Resp: 672196

Ion Ratio Lower Upper

168 100

139 40.3 28.6 43.0

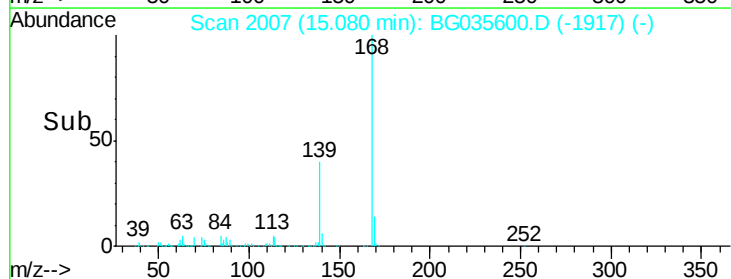
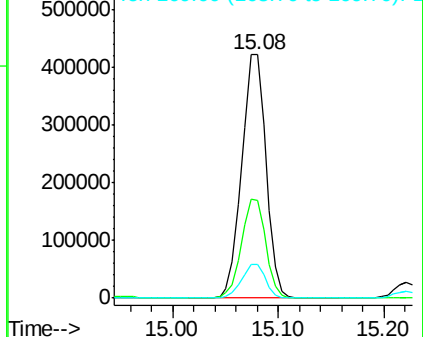
169 14.0 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 125.450 ng

RT: 14.90 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

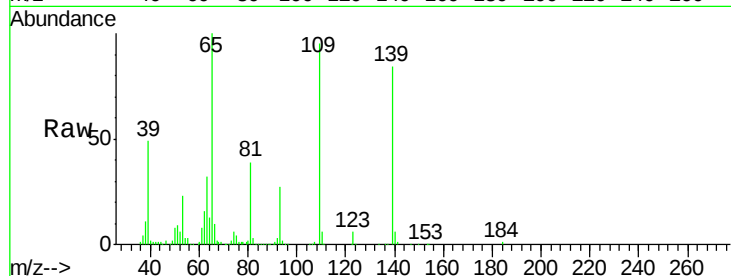
Tgt Ion:139 Resp: 212282

Ion Ratio Lower Upper

139 100

109 113.6 62.2 102.2#

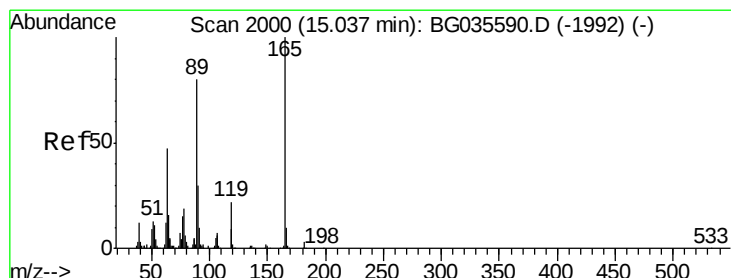
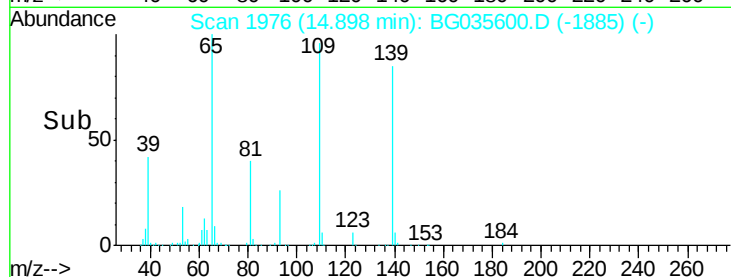
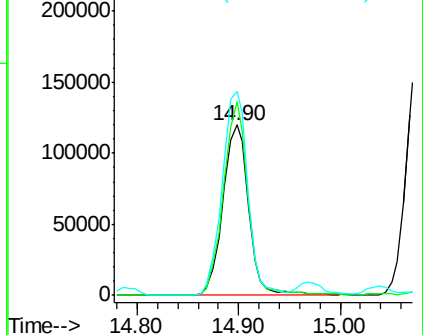
65 119.4 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 58.021 ng

RT: 15.04 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Tgt Ion:165 Resp: 193512

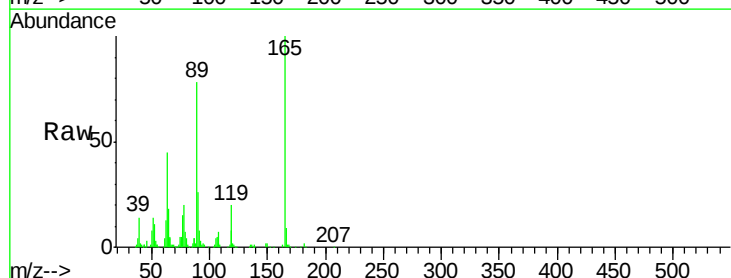
Ion Ratio Lower Upper

165 100

63 45.4 42.0 63.0

89 78.3 66.9 100.3

182 2.5 2.6 3.8#

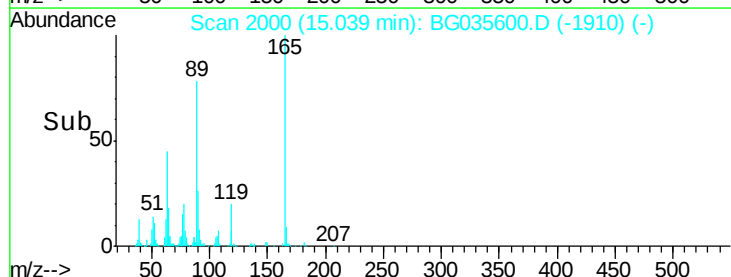
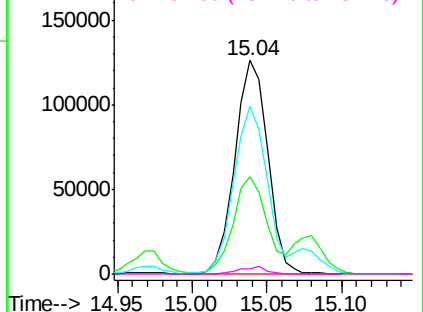


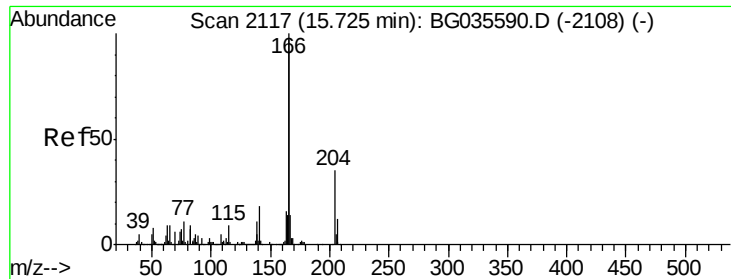
Abundance Ion 165.00 (164.70 to 165.70): E

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: 51.850 ng

RT: 15.73 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

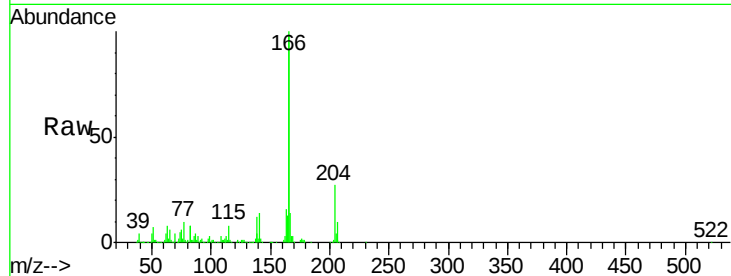
Tgt Ion:166 Resp: 566713

Ion Ratio Lower Upper

166 100

165 98.1 80.6 121.0

167 13.9 10.4 15.6

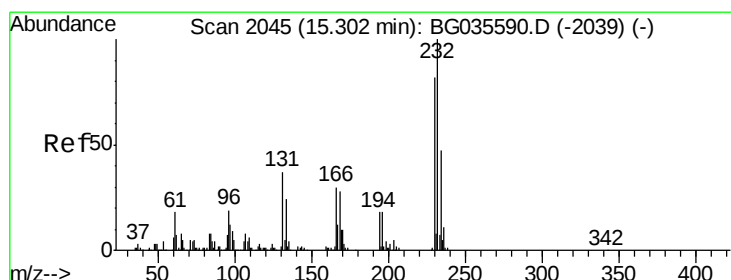
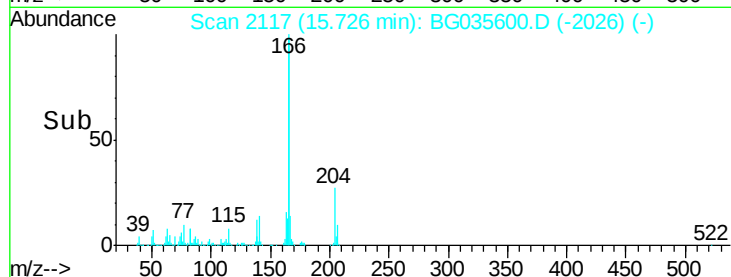
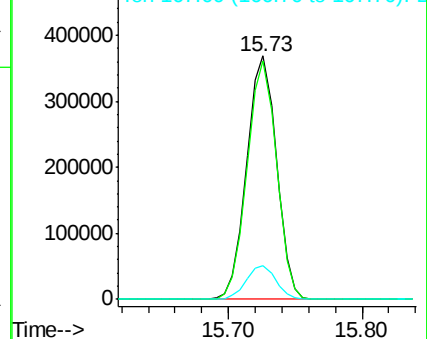


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 60.494 ng

RT: 15.30 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Tgt Ion:232 Resp: 186617

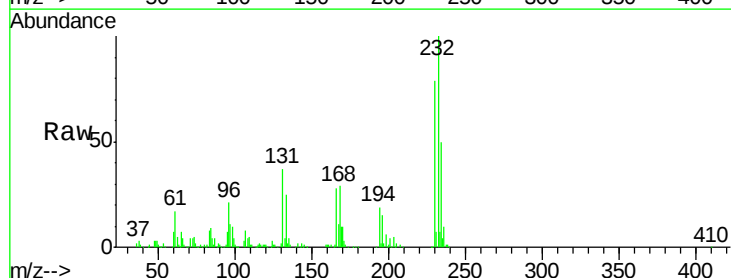
Ion Ratio Lower Upper

232 100

131 38.1 33.5 50.3

130 2.3 2.2 3.2

166 28.9 24.8 37.2



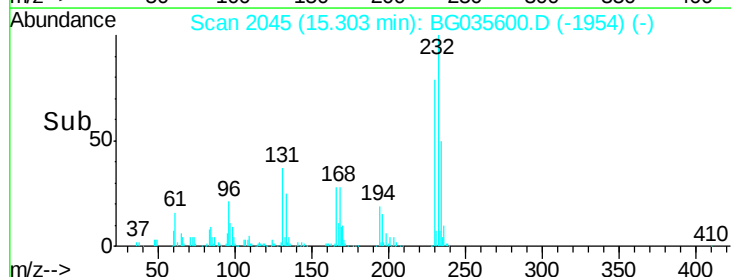
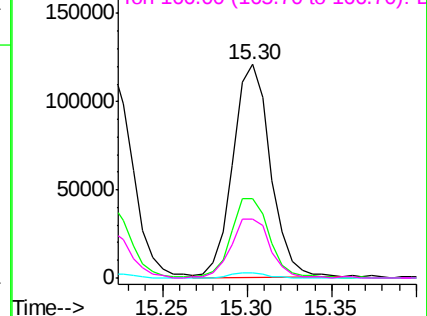
Abundance

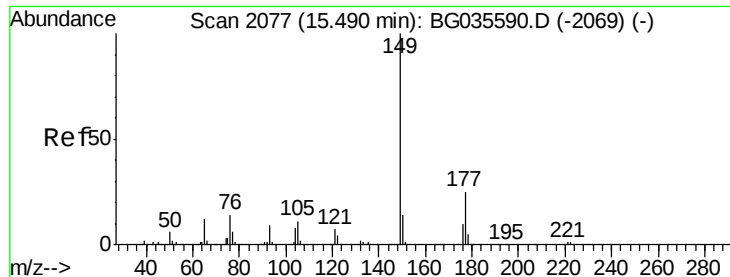
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 49.597 ng

RT: 15.49 min Scan# 2077

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

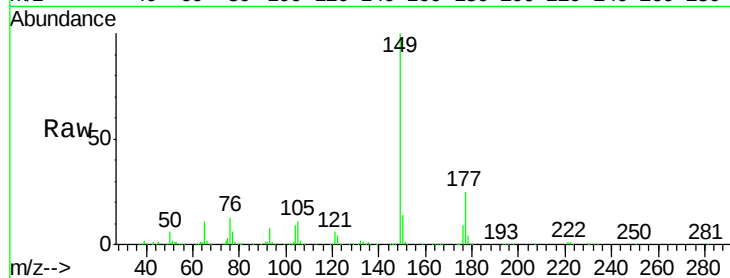
Tgt Ion:149 Resp: 582218

Ion Ratio Lower Upper

149 100

177 24.7 18.5 27.7

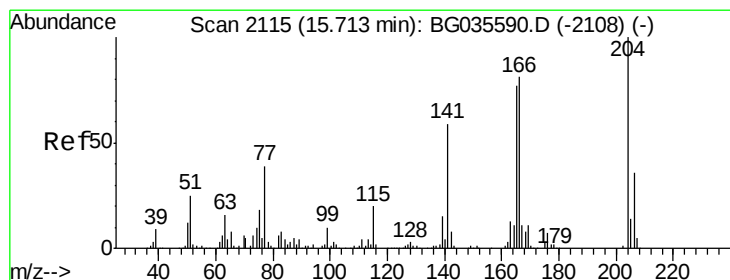
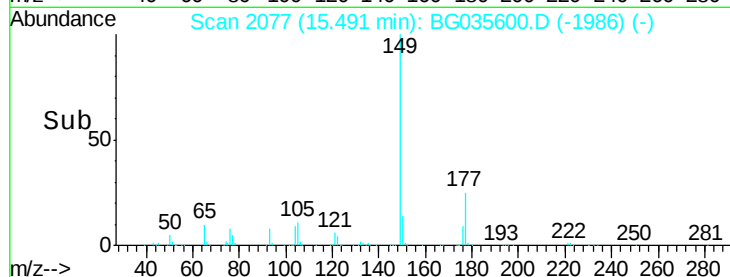
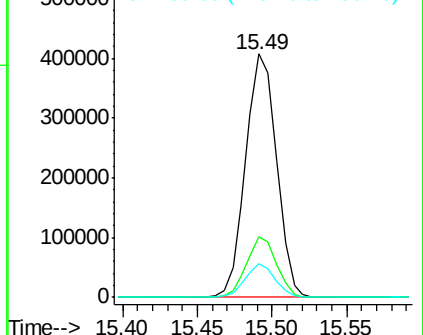
150 13.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 50.658 ng

RT: 15.71 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

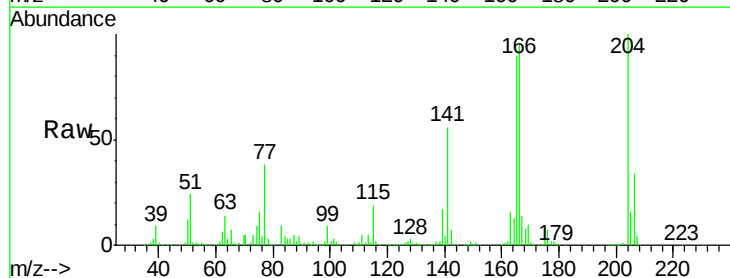
Tgt Ion:204 Resp: 325427

Ion Ratio Lower Upper

204 100

206 33.7 26.2 39.2

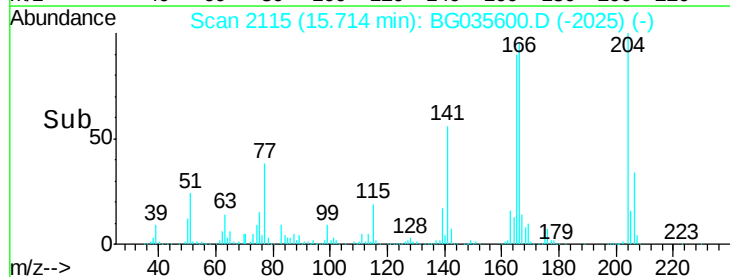
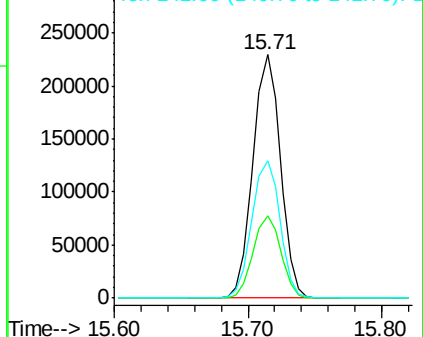
141 56.5 45.8 68.6

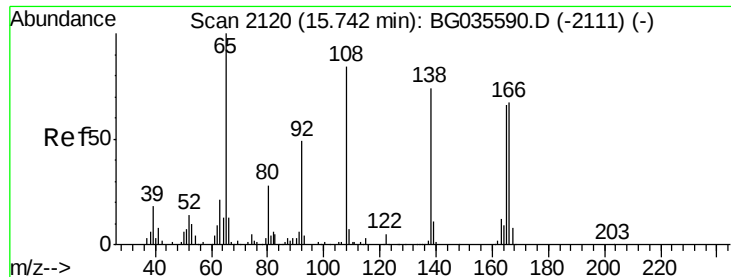


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 54.425 ng

RT: 15.75 min Scan# 2121

Delta R.T. 0.01 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

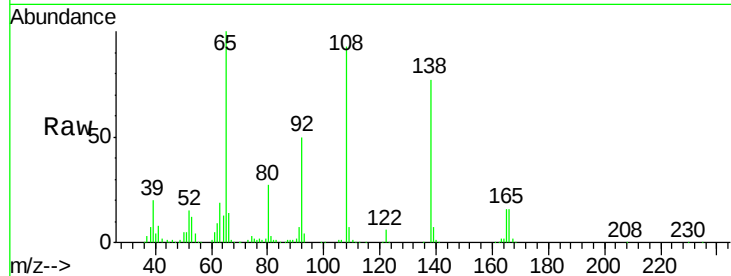
Tgt Ion:138 Resp: 135274

Ion Ratio Lower Upper

138 100

92 64.8 40.1 80.1

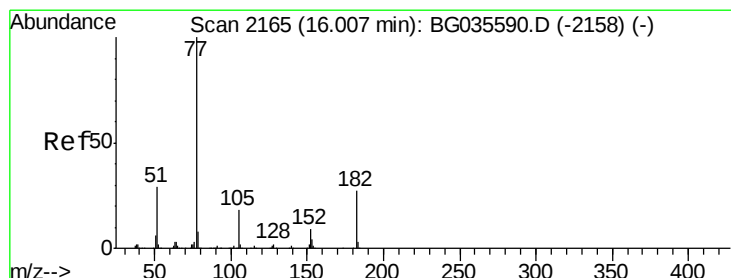
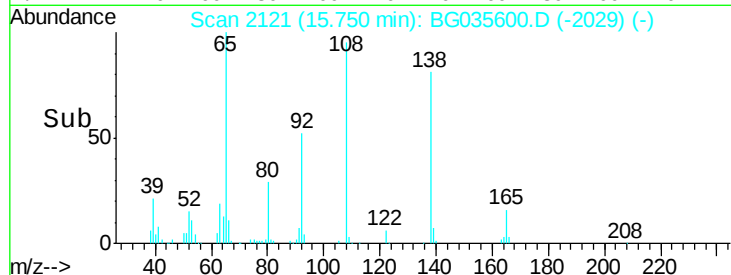
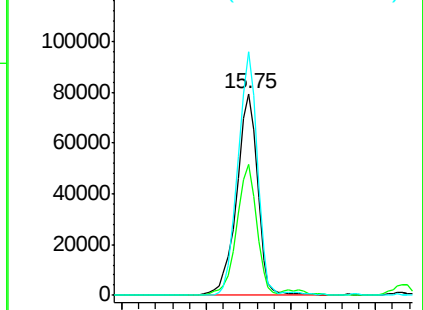
108 120.6 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 53.314 ng

RT: 16.01 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Tgt Ion: 77 Resp: 617323

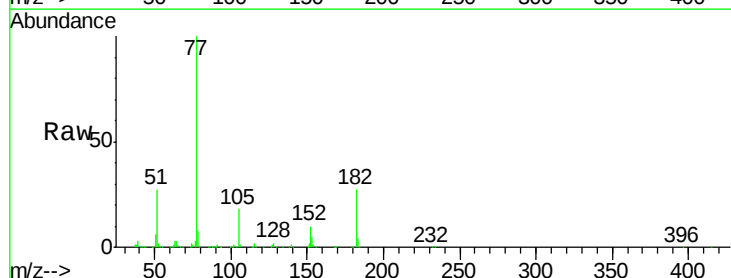
Ion Ratio Lower Upper

77 100

182 27.0 7.4 47.4

105 18.5 0.3 40.3

51 26.9 11.6 51.6

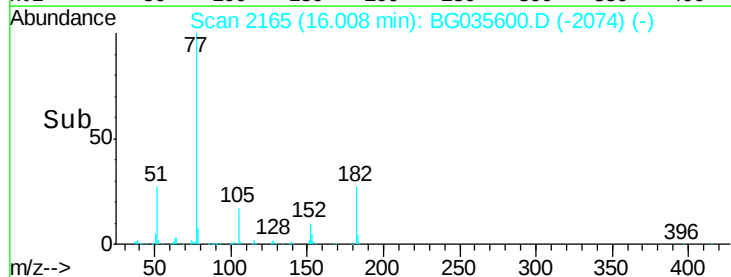
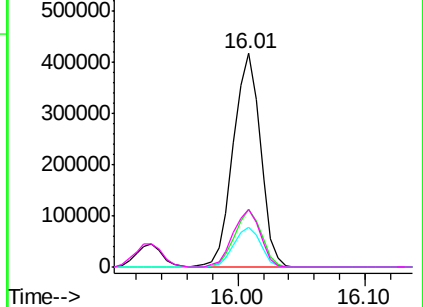


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

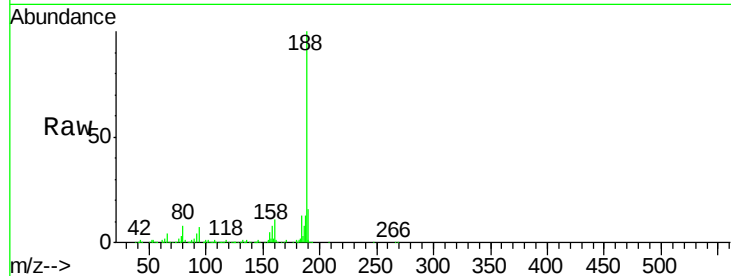
Tgt Ion:188 Resp: 357068

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

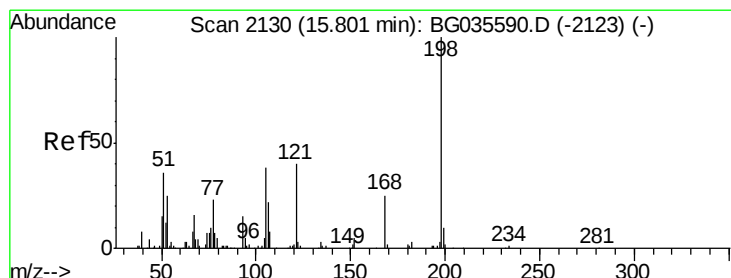
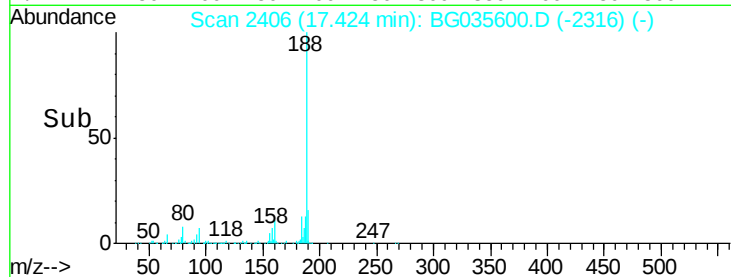
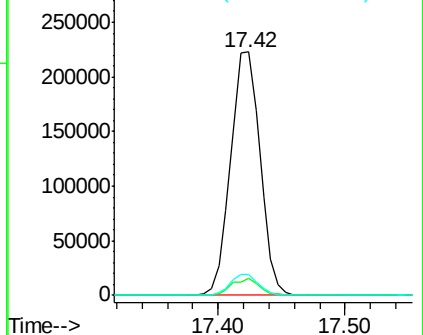
80 8.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 56.824 ng

RT: 15.80 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

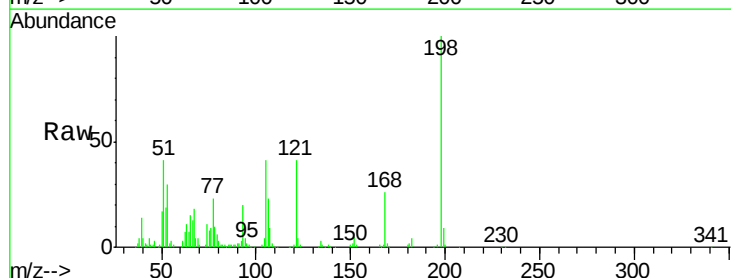
Tgt Ion:198 Resp: 112947

Ion Ratio Lower Upper

198 100

51 40.7 30.6 70.6

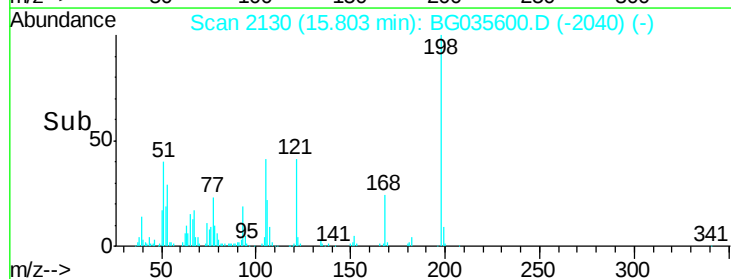
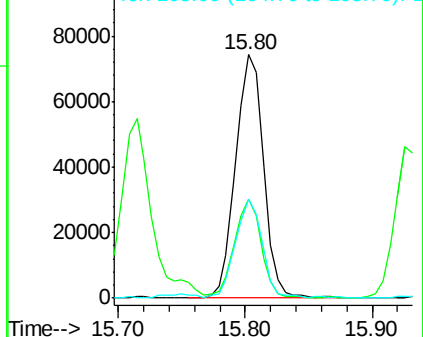
105 40.7 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

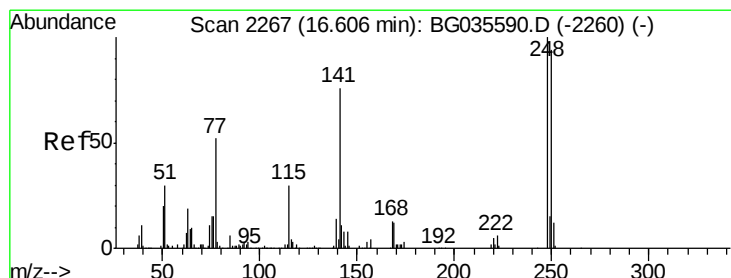
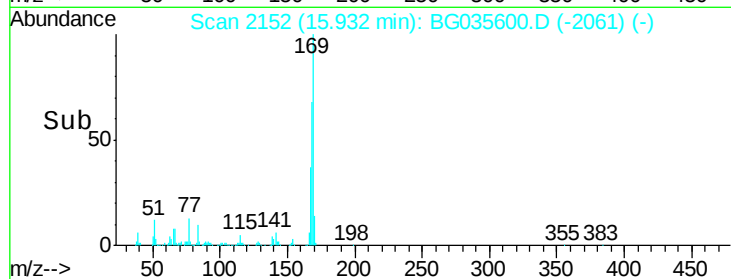
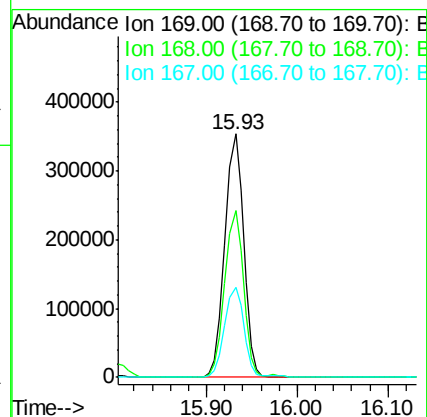
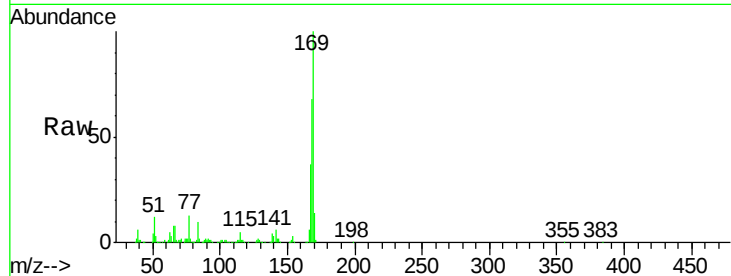




#65
 n-Nitrosodiphenylamine
 Concen: 50.132 ng
 RT: 15.93 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

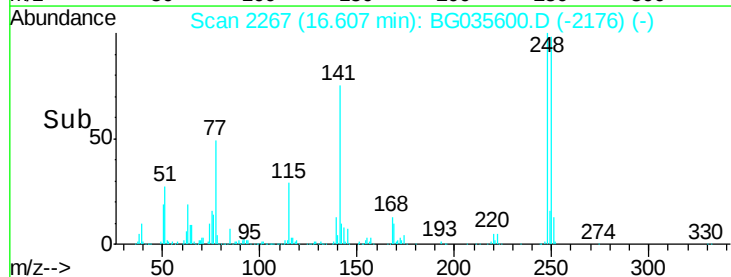
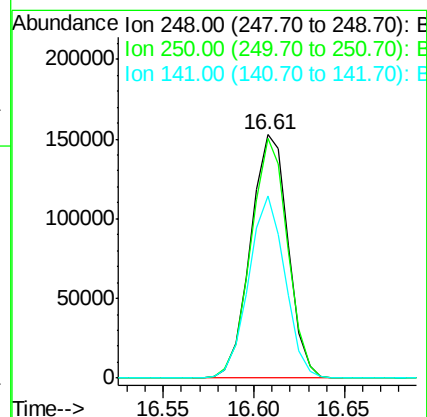
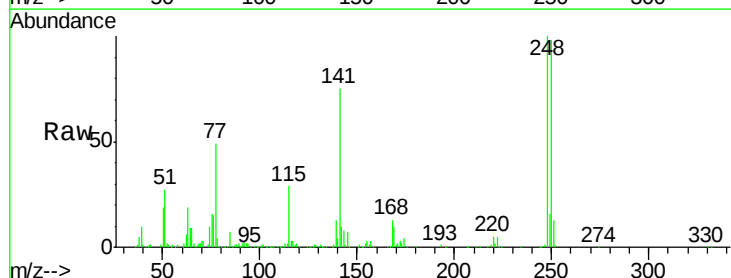
Instrument :
 BNA_G
 ClientSampleId :
 PB110986BSD

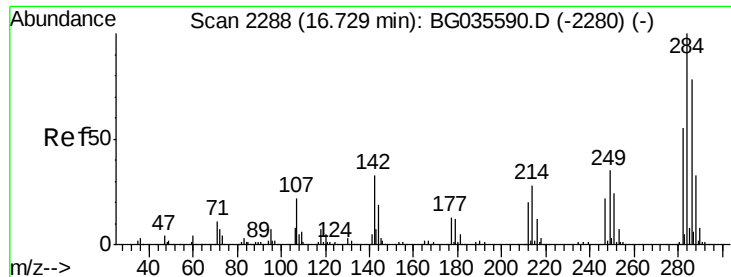
Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.3	55.7	83.5
167	37.1	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 53.216 ng
 RT: 16.61 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.5	77.1	115.7
141	75.0	50.8	76.2

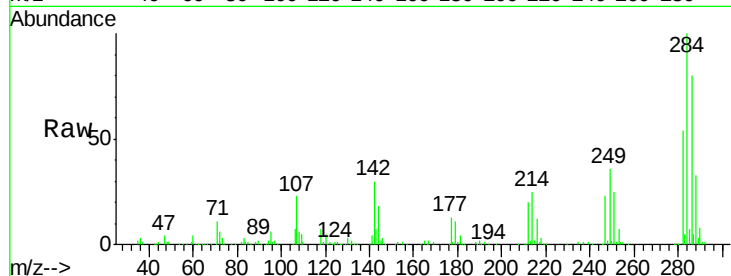




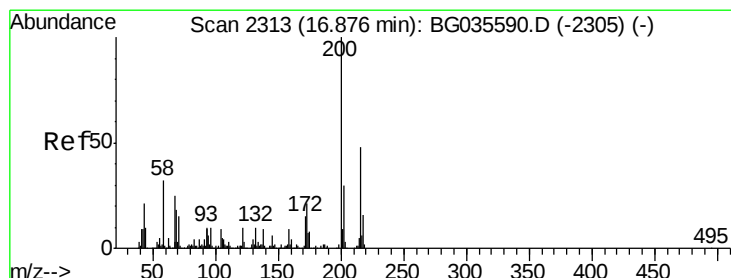
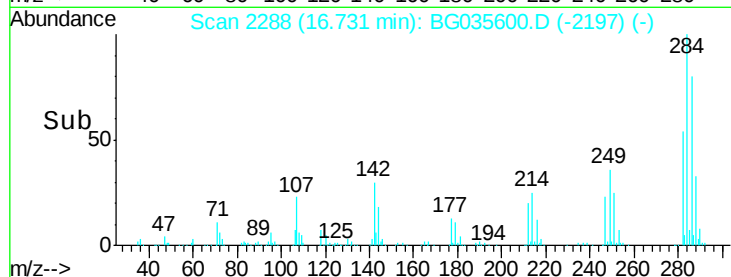
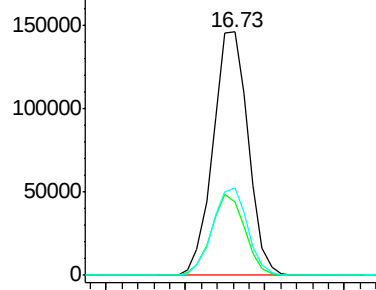
#67
Hexachlorobenzene
Concen: 52.585 ng
RT: 16.73 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

Instrument :
BNA_G
ClientSampleId :
PB110986BSD

Tgt Ion: 284 Resp: 224333
Ion Ratio Lower Upper
284 100
142 30.2 26.8 40.2
249 36.1 26.3 39.5

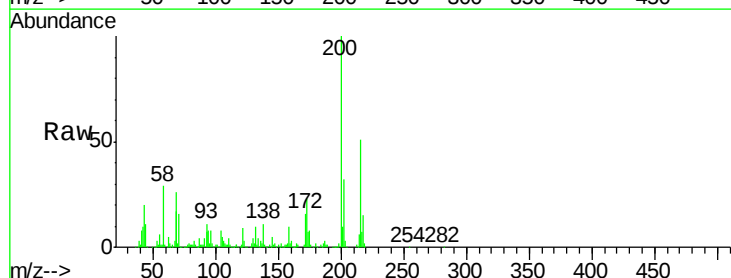


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

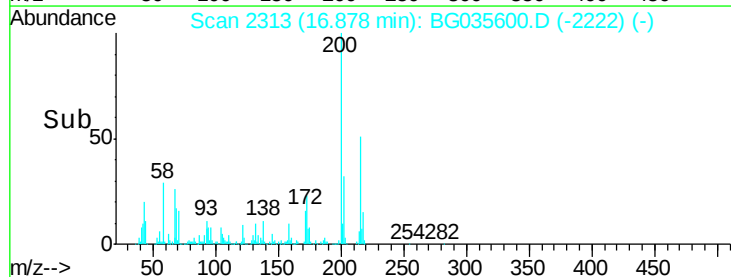
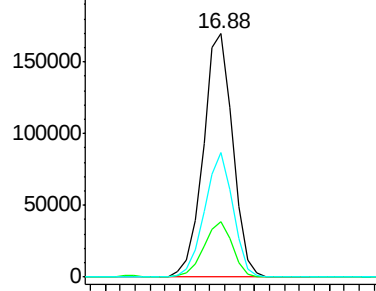


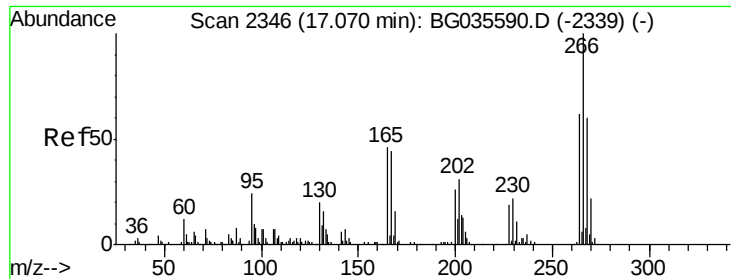
#68
Atrazine
Concen: 55.795 ng
RT: 16.88 min Scan# 2313
Delta R.T. 0.00 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

Tgt Ion: 200 Resp: 233481
Ion Ratio Lower Upper
200 100
173 23.0 5.2 45.2
215 50.9 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

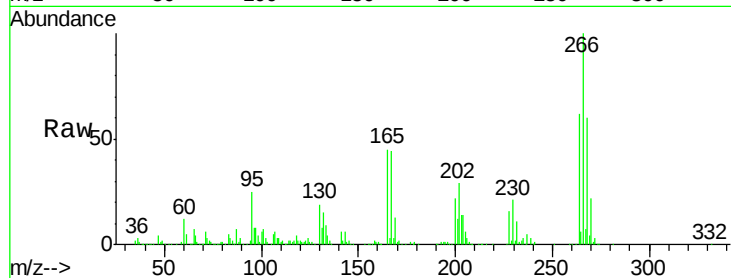




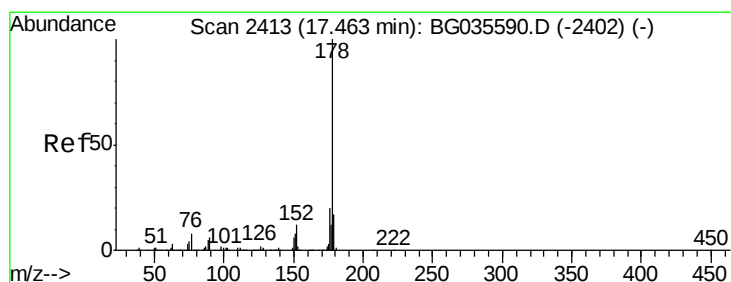
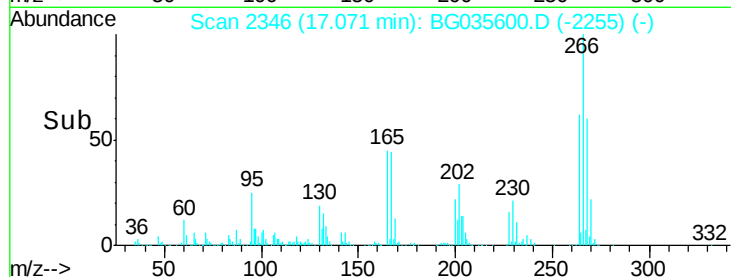
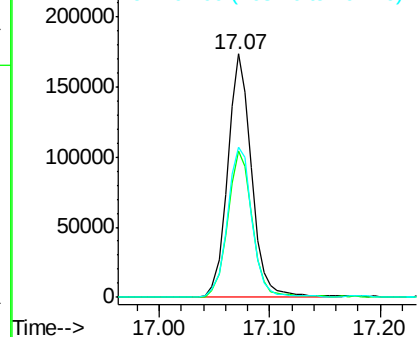
#69
 Pentachlorophenol
 Concen: 101.316 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB110986BSD

Tgt Ion:266 Resp: 263264
 Ion Ratio Lower Upper
 266 100
 268 60.2 51.1 76.7
 264 61.7 49.6 74.4

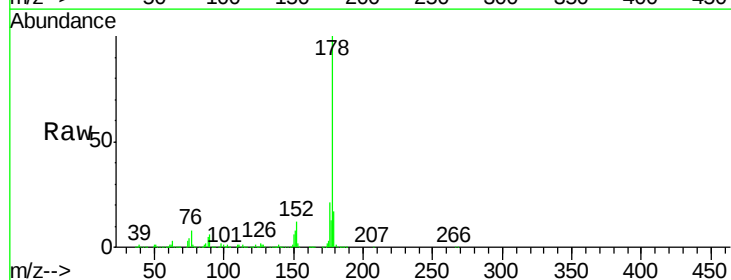


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

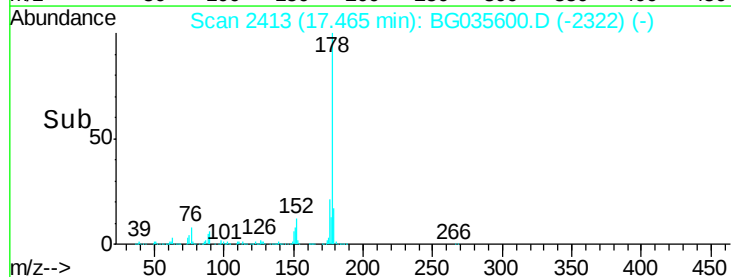
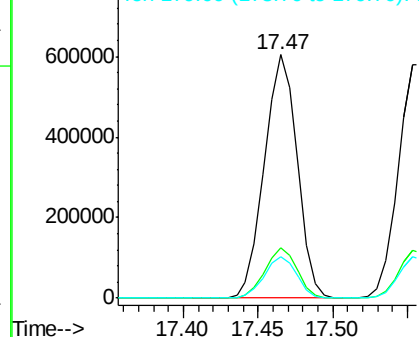


#70
 Phenanthrene
 Concen: 51.505 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

Tgt Ion:178 Resp: 917665
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.7 23.5
 179 17.0 12.5 18.7



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

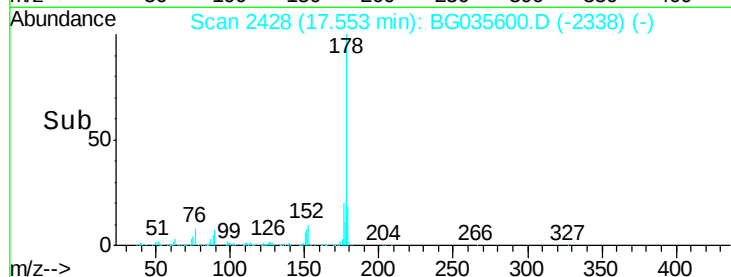
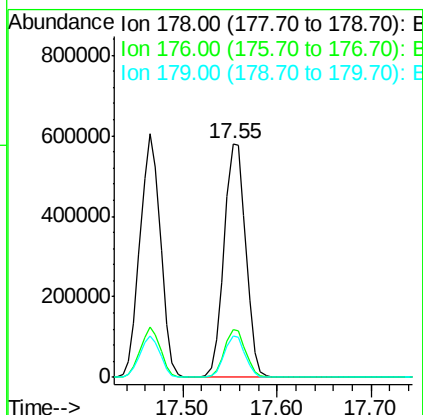
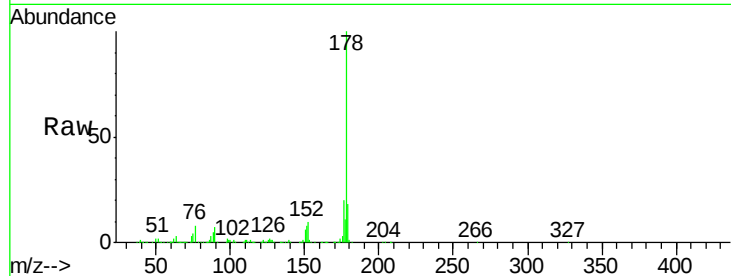




#71
 Anthracene
 Concen: 52.516 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

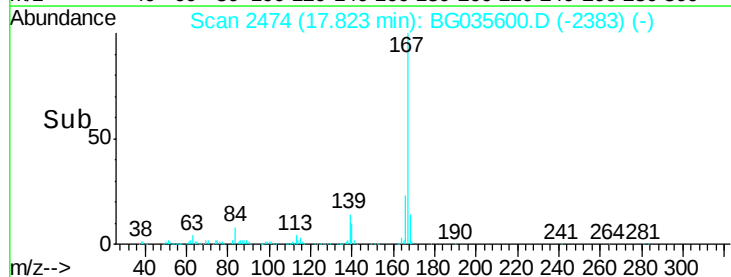
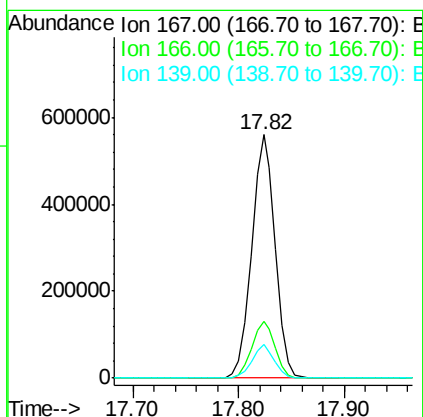
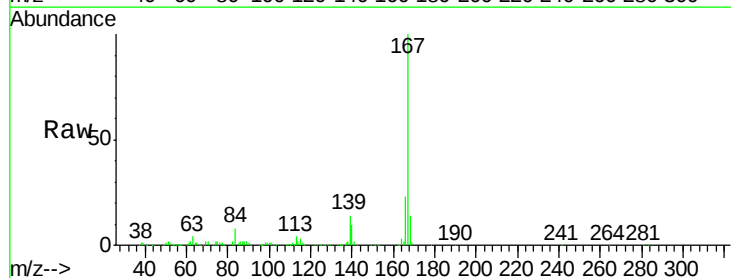
Instrument :
 BNA_G
 ClientSampleId :
 PB110986BSD

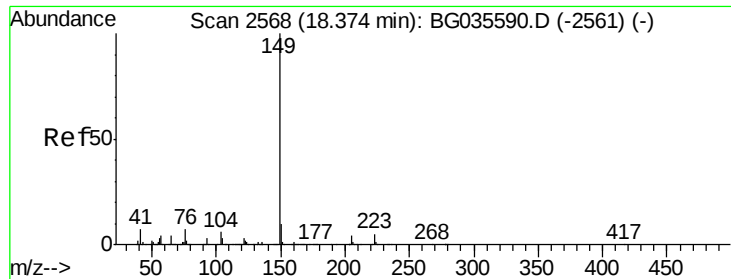
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.0	24.0
179	17.7	12.5	18.7



#72
 Carbazole
 Concen: 51.206 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. 0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.2	27.4
139	13.8	9.4	14.2





#73

Di-n-butylphthalate

Concen: 49.356 ng

RT: 18.38 min Scan# 2568

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

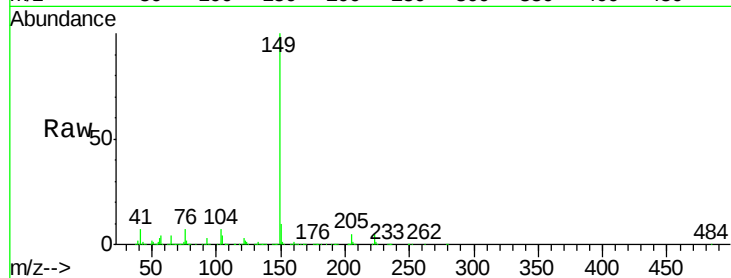
Tgt Ion:149 Resp: 982685

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

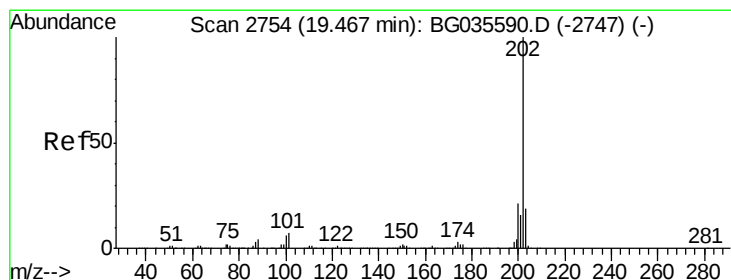
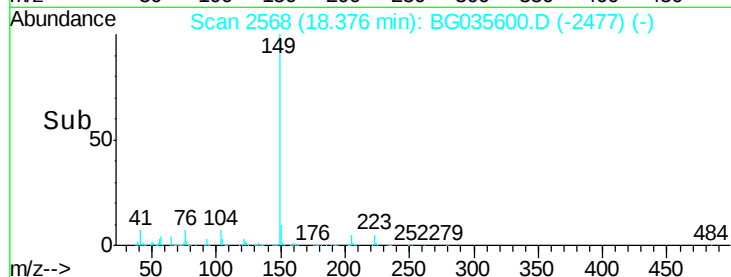
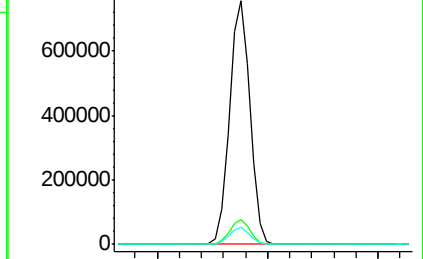
104 6.9 3.9 5.9#



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: 50.530 ng

RT: 19.47 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

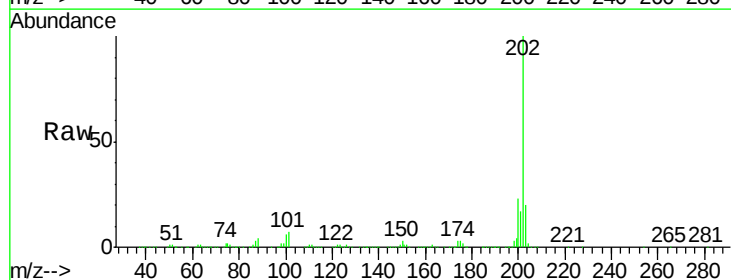
Tgt Ion:202 Resp: 1212694

Ion Ratio Lower Upper

202 100

101 7.3 0.0 28.9

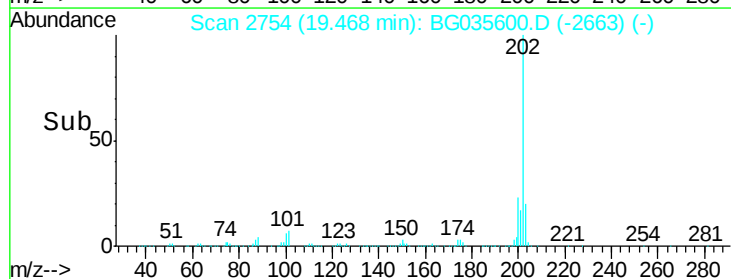
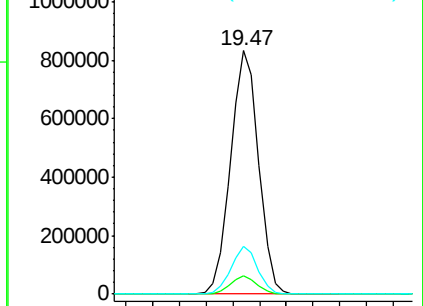
203 19.8 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

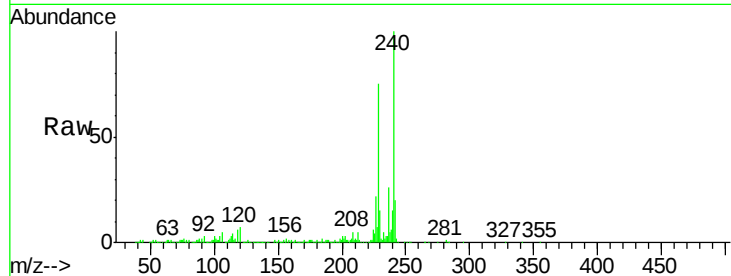
Tgt Ion:240 Resp: 381598

Ion Ratio Lower Upper

240 100

120 6.5 6.8 10.2#

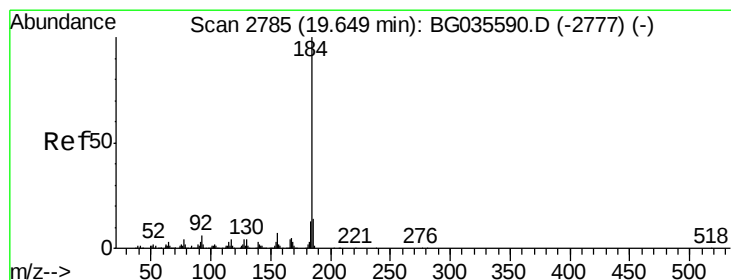
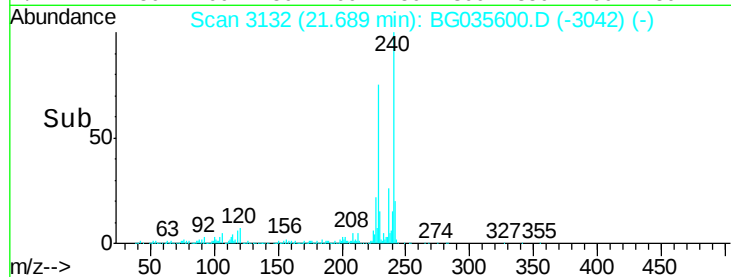
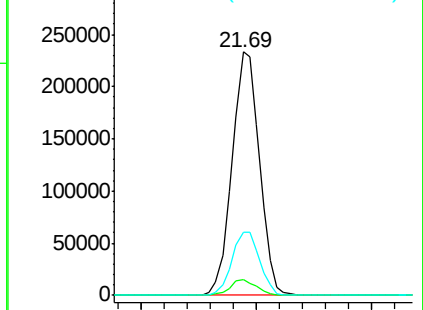
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.685 ng

RT: 19.64 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

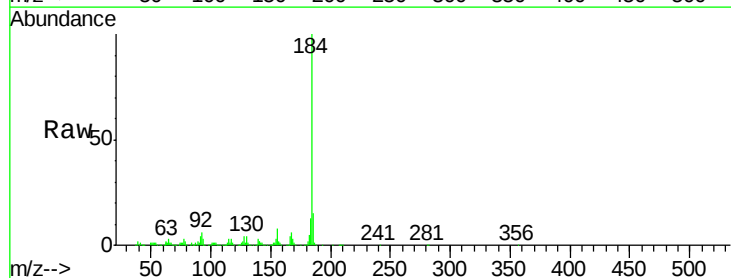
Tgt Ion:184 Resp: 478392

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

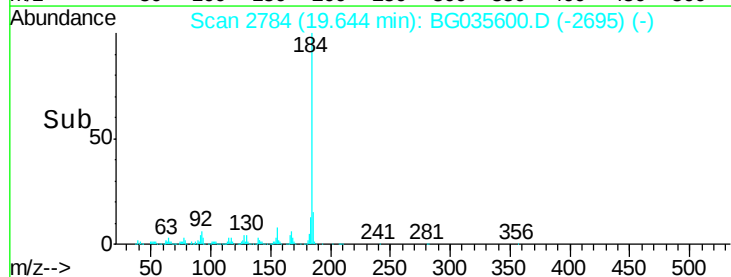
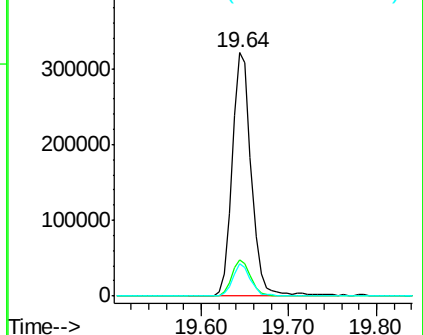
183 13.1 10.6 16.0

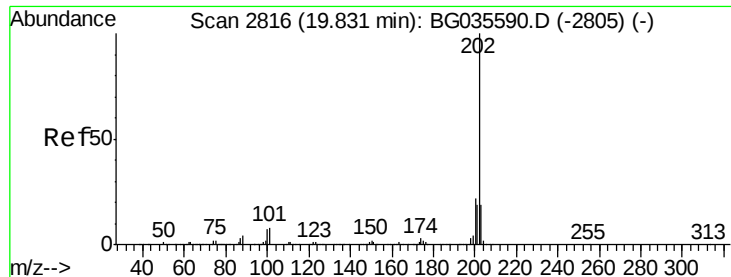


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 49.720 ng

RT: 19.83 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

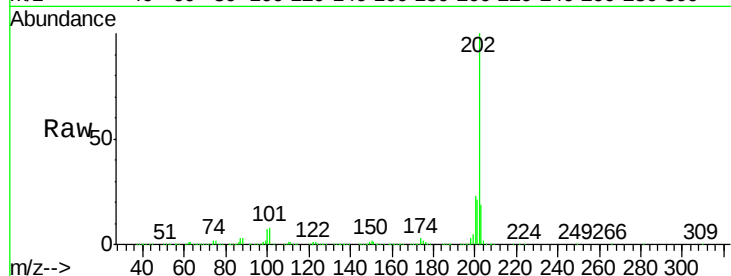
Tgt Ion:202 Resp: 1199693

Ion Ratio Lower Upper

202 100

200 22.6 16.9 25.3

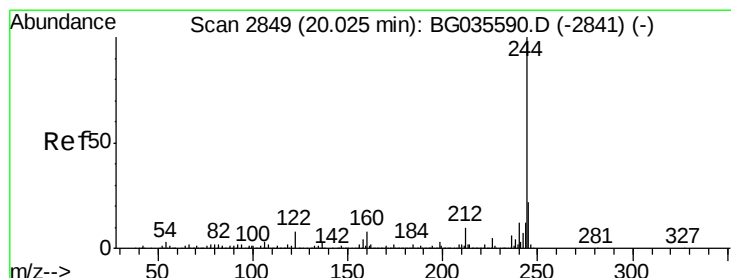
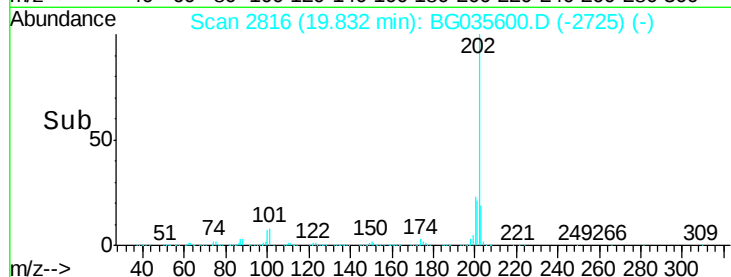
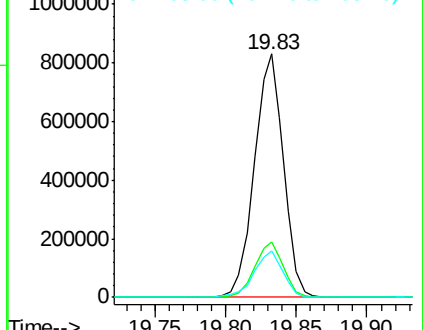
203 19.2 13.9 20.9



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: 109.533 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

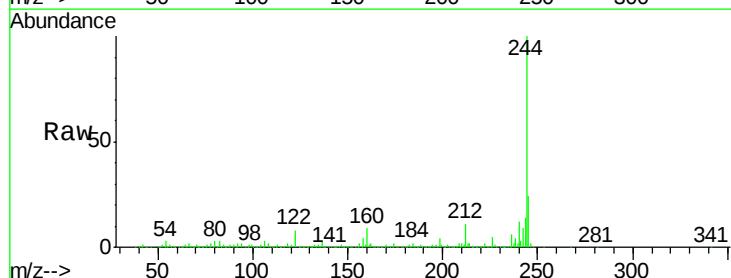
Tgt Ion:244 Resp: 1896177

Ion Ratio Lower Upper

244 100

212 10.6 5.8 8.8#

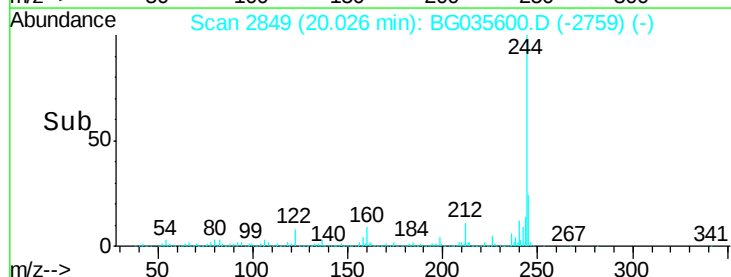
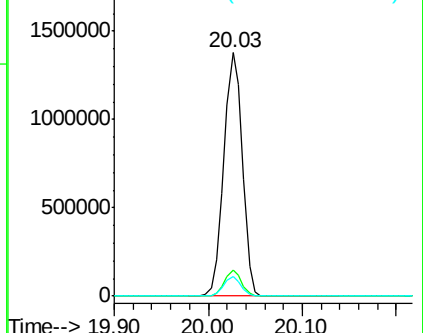
122 8.1 7.0 10.4

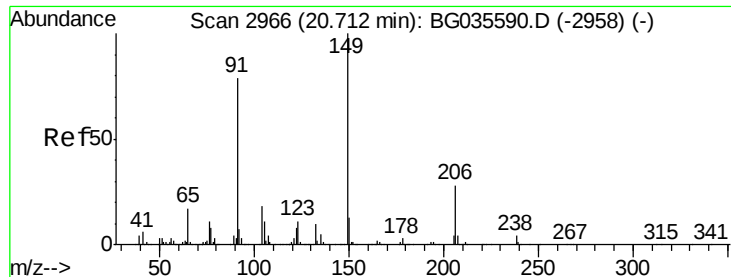


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

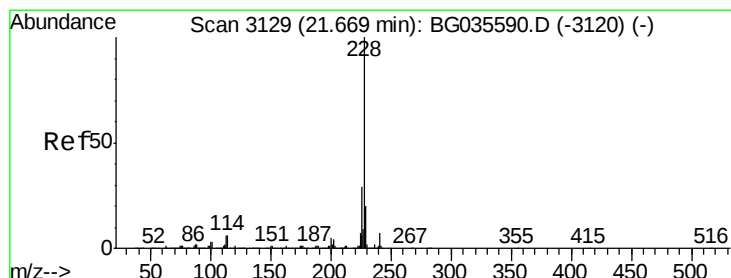
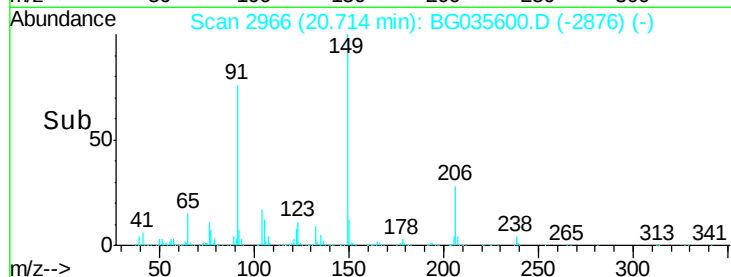
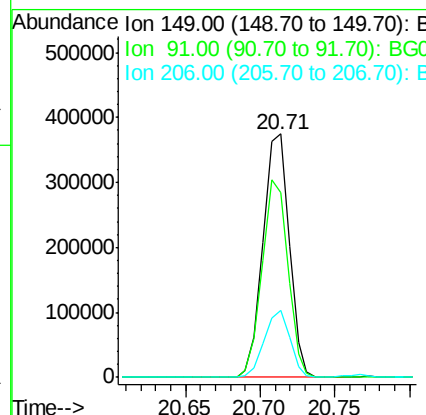
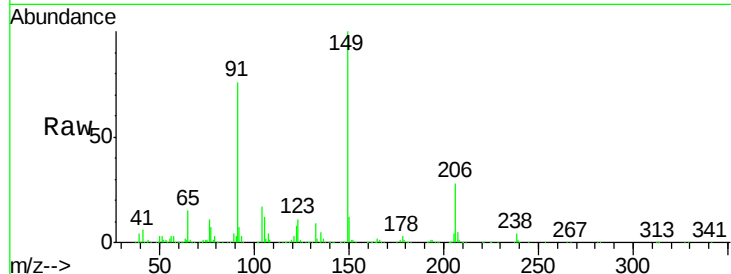




#79
Butylbenzylphthalate
Concen: 52.627 ng
RT: 20.71 min Scan# 2966
Delta R.T. 0.00 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

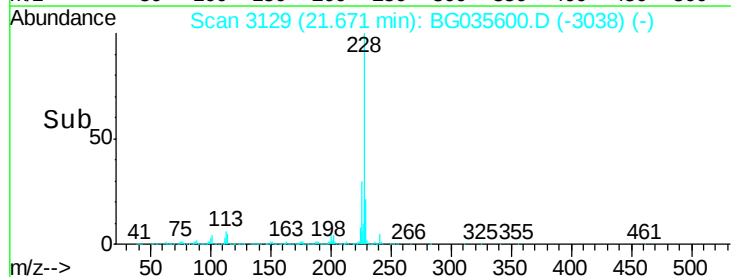
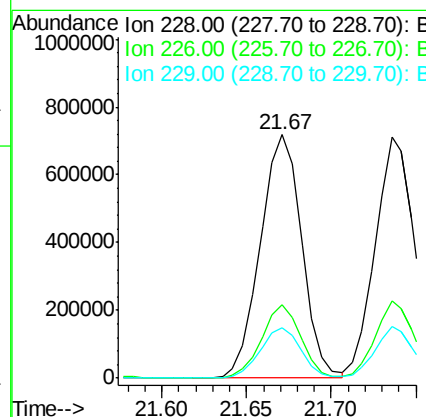
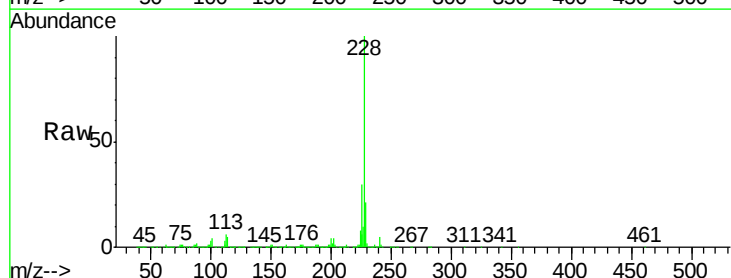
Instrument :
BNA_G
ClientSampleId :
PB110986BSD

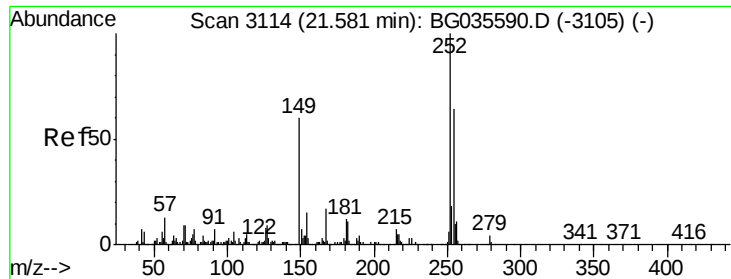
Tgt Ion:149 Resp: 454097
Ion Ratio Lower Upper
149 100
91 76.0 62.2 93.2
206 27.8 18.6 27.8



#80
Benzo(a)anthracene
Concen: 51.498 ng
RT: 21.67 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

Tgt Ion:228 Resp: 1224624
Ion Ratio Lower Upper
228 100
226 30.0 22.7 34.1
229 20.7 16.2 24.2

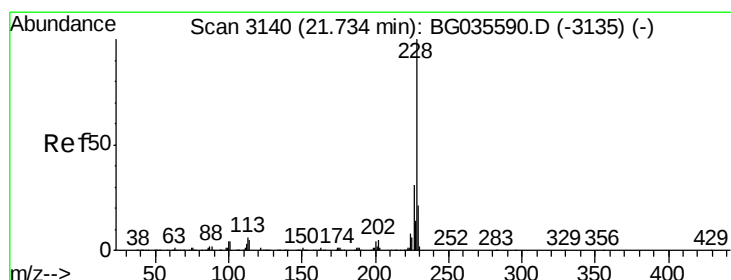
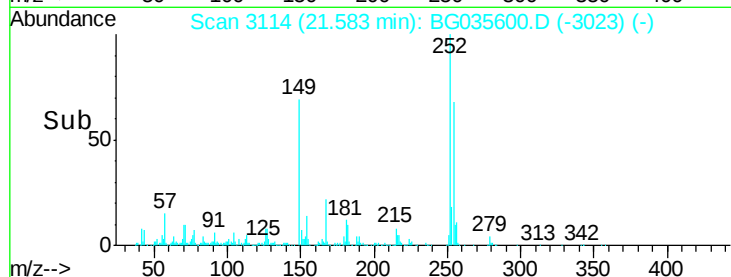
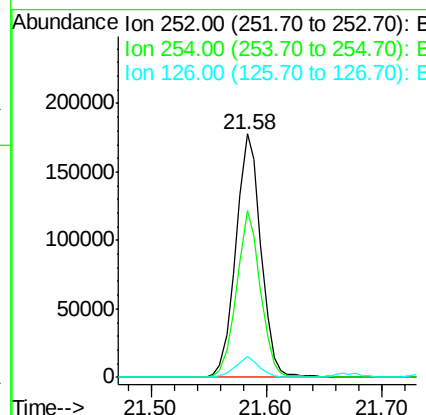
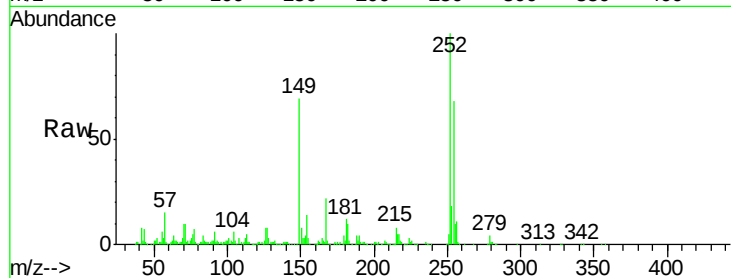




#81
 3,3'-Dichlorobenzidine
 Concen: 32.333 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. 0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

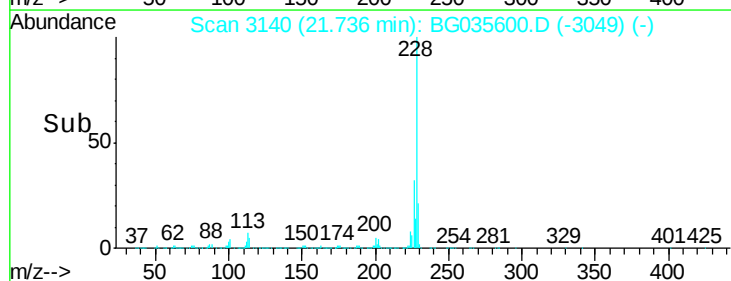
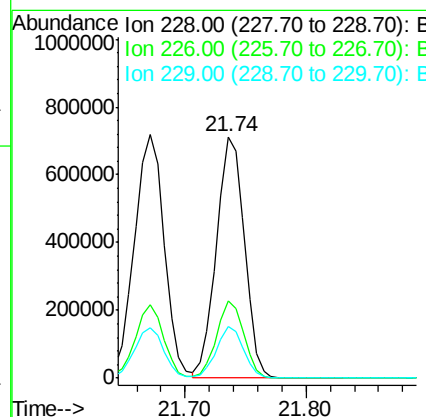
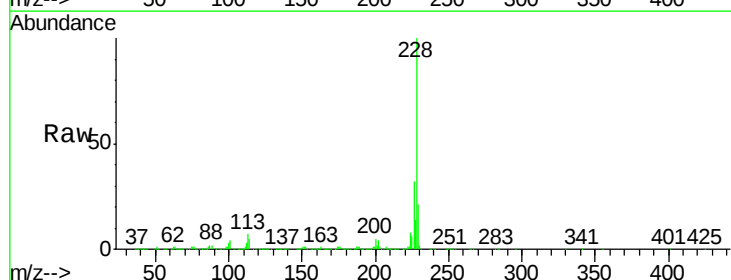
Instrument :
 BNA_G
 ClientSampleId :
 PB110986BSD

Tgt Ion:252 Resp: 268092
 Ion Ratio Lower Upper
 252 100
 254 68.4 50.8 76.2
 126 8.3 7.4 11.2



#82
 Chrysene
 Concen: 51.601 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: BG035600.D
 Acq: 12 Jul 2018 18:35

Tgt Ion:228 Resp: 1137097
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.9 37.3
 229 21.4 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.226 ng

RT: 21.57 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

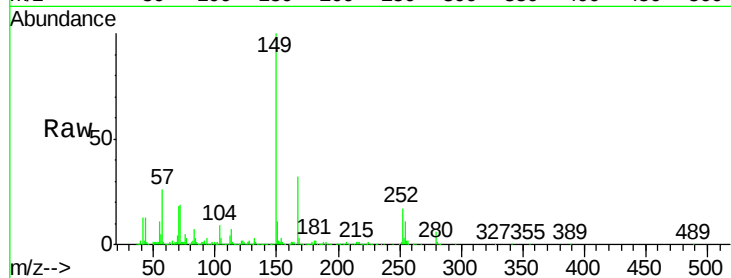
Tgt Ion:149 Resp: 612647

Ion Ratio Lower Upper

149 100

167 31.7 24.3 36.5

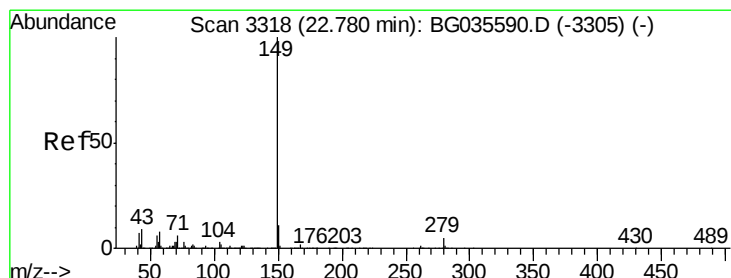
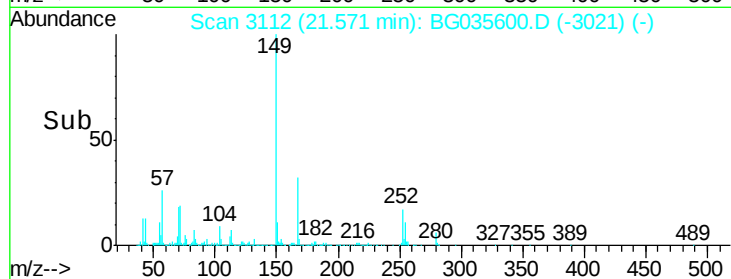
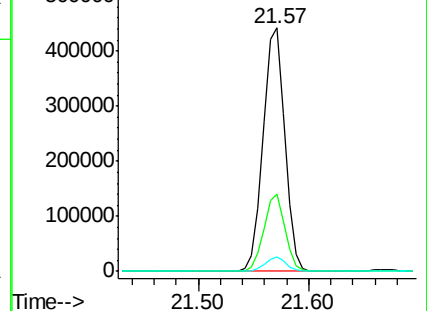
279 5.8 4.0 6.0



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: 52.458 ng

RT: 22.78 min Scan# 3318

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

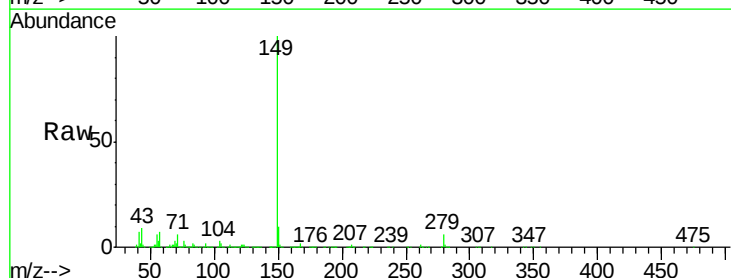
Tgt Ion:149 Resp: 1030344

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

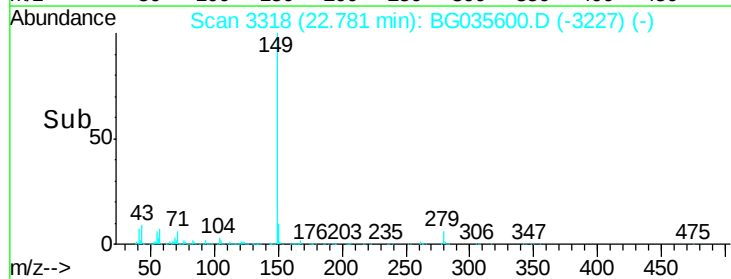
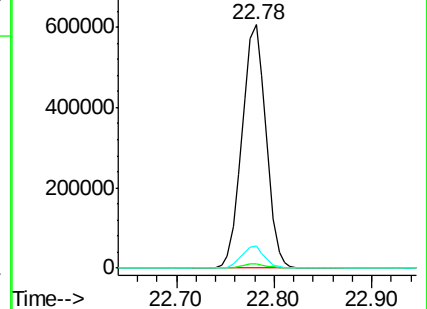
43 8.5 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 53.987 ng

RT: 28.59 min Scan# 4306

Delta R.T. 0.01 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

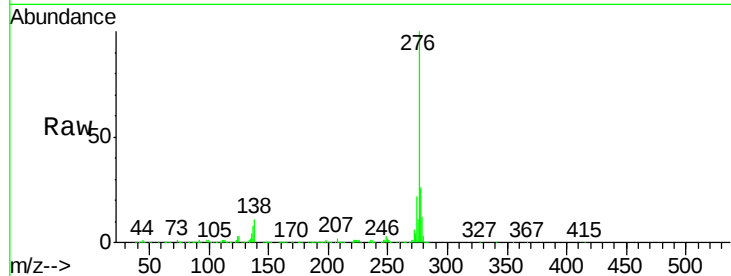
Tgt Ion:276 Resp: 1317146

Ion Ratio Lower Upper

276 100

138 14.4 16.0 24.0#

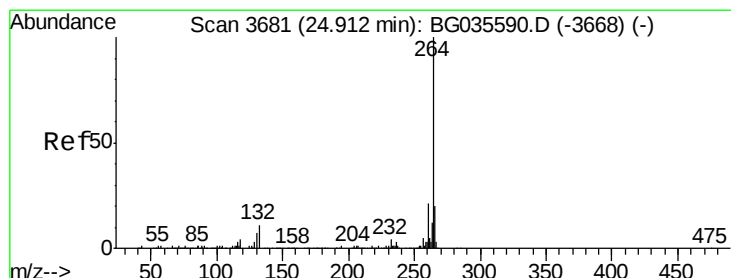
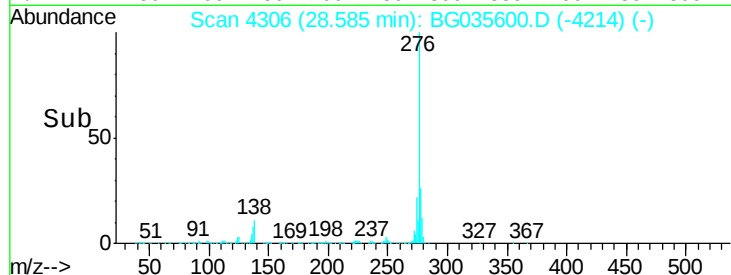
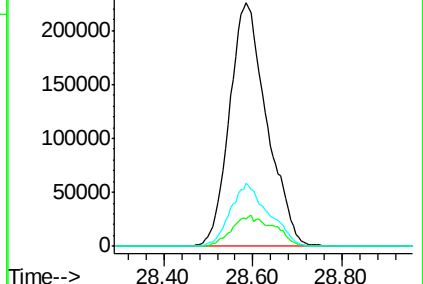
277 26.4 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

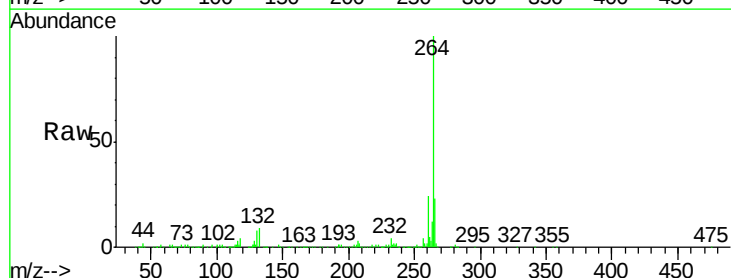
Tgt Ion:264 Resp: 367362

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

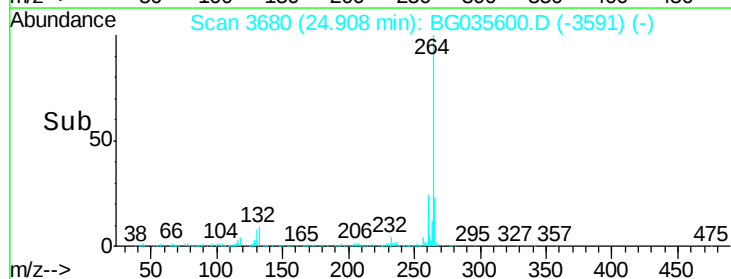
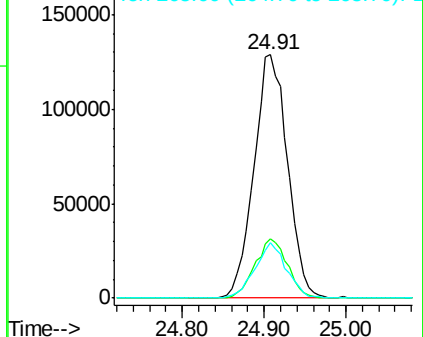
265 22.6 17.7 26.5

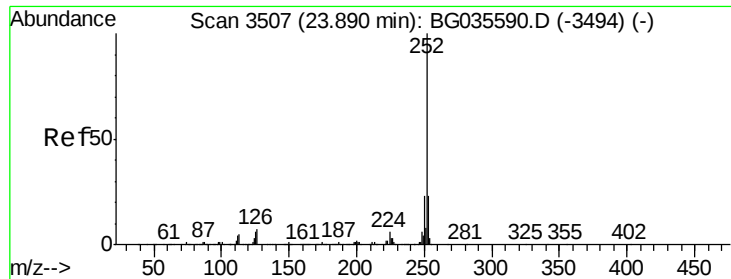


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

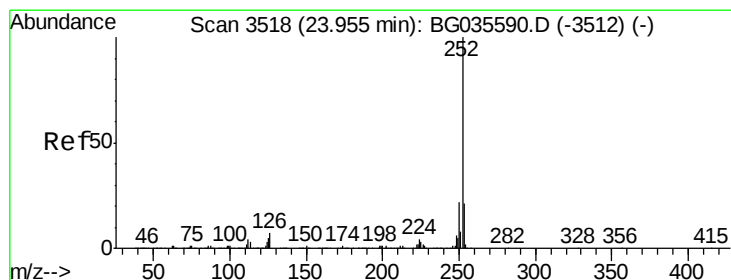
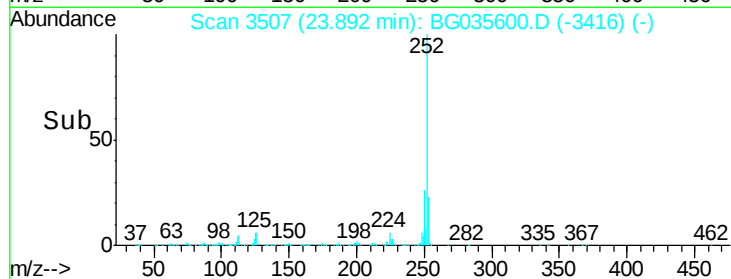
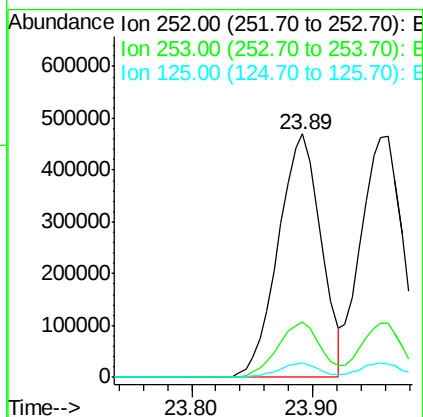
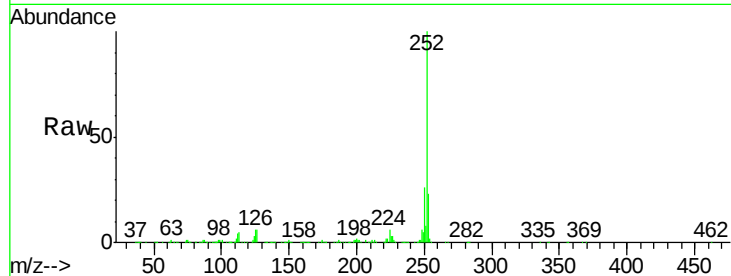




#87
Benzo(b)fluoranthene
Concen: 51.589 ng
RT: 23.89 min Scan# 3507
Delta R.T. 0.00 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

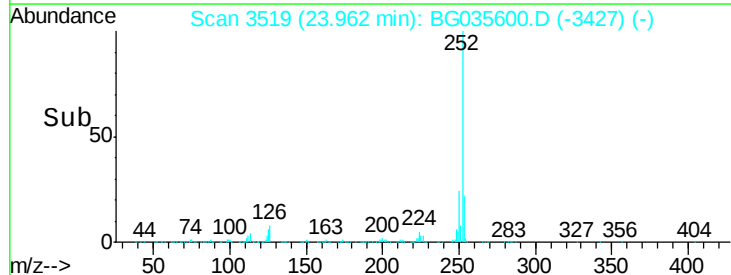
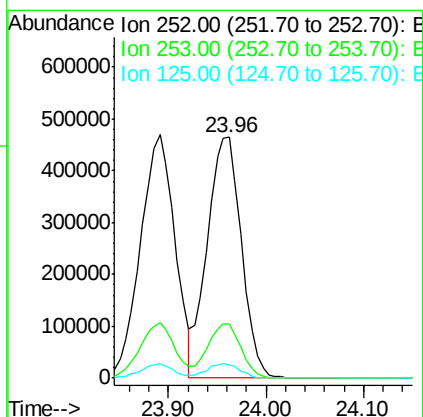
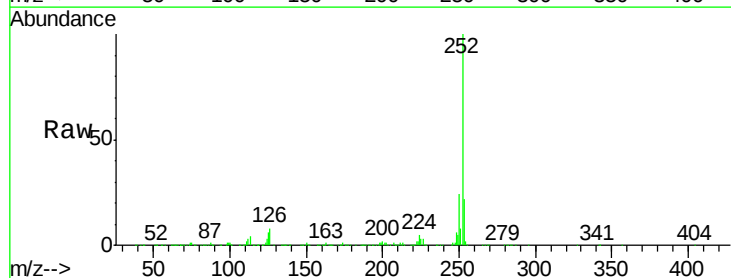
Instrument :
BNA_G
ClientSampleId :
PB110986BSD

Tgt Ion:252 Resp: 1151892
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 6.2 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 51.429 ng
RT: 23.96 min Scan# 3519
Delta R.T. 0.01 min
Lab File: BG035600.D
Acq: 12 Jul 2018 18:35

Tgt Ion:252 Resp: 1122648
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 5.5 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 54.393 ng

RT: 24.76 min Scan# 3655

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

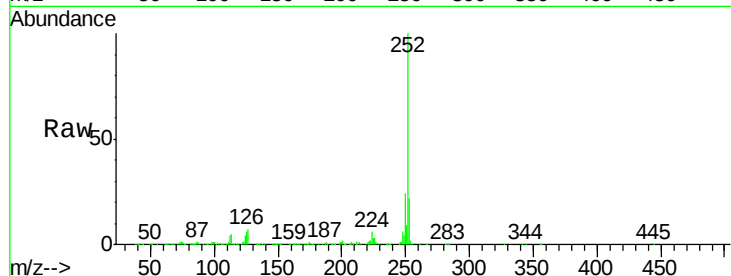
Tgt Ion:252 Resp: 1129862

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

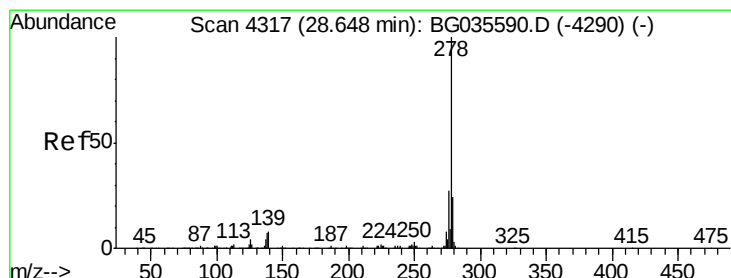
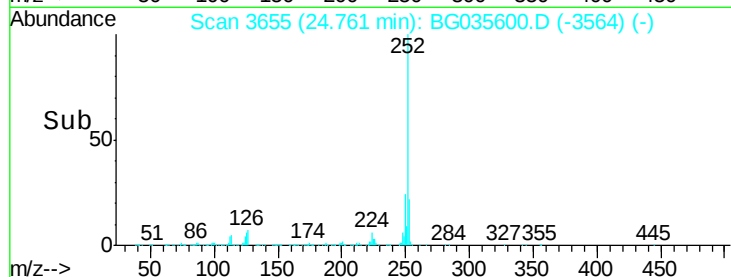
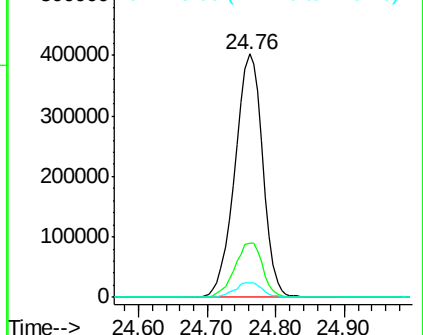
125 6.0 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 52.518 ng

RT: 28.65 min Scan# 4317

Delta R.T. 0.00 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

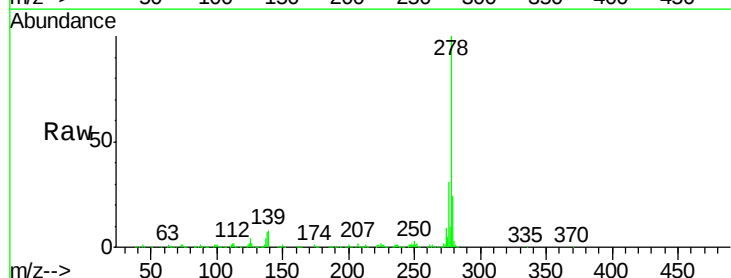
Tgt Ion:278 Resp: 1071007

Ion Ratio Lower Upper

278 100

139 8.5 9.8 14.6#

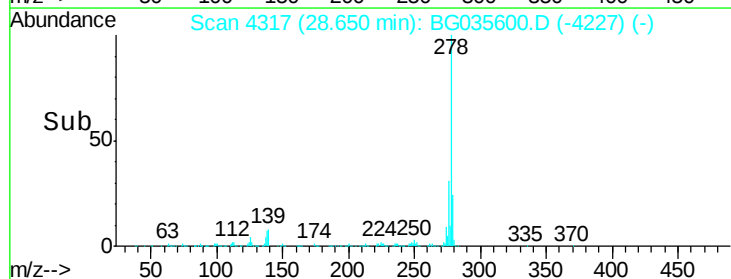
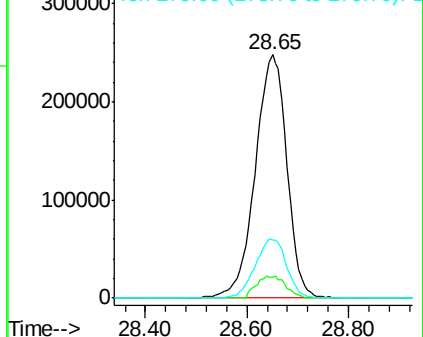
279 23.7 18.4 27.6

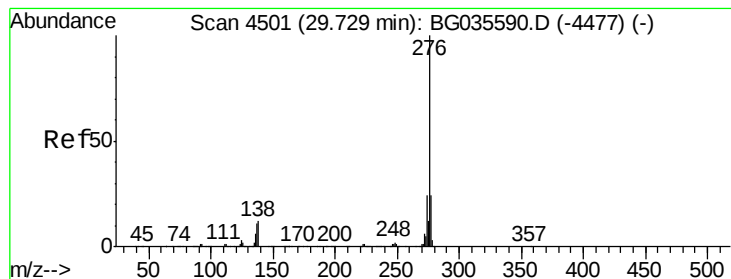


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 54.827 ng

RT: 29.74 min Scan# 4503

Delta R.T. 0.01 min

Lab File: BG035600.D

Acq: 12 Jul 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB110986BSD

Tgt Ion:276 Resp: 1094117

Ion Ratio Lower Upper

276 100

277 23.5 18.3 27.5

138 11.7 13.9 20.9#

