

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
 Data File : BG035602.D
 Acq On : 12 Jul 2018 19:53
 Operator : JU/SJ
 Sample : PB110949BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110949BS

Quant Time: Jul 13 00:38:54 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	40057	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	162656	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	118277	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	319332	20.00	ng	0.00
75) Chrysene-d12	21.69	240	341837	20.00	ng	0.00
86) Perylene-d12	24.91	264	330514	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	288694	119.65	ng	0.00
7) Phenol-d6	7.22	99	430515	119.60	ng	0.00
23) Nitrobenzene-d5	9.22	82	272134	69.89	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	182941	117.35	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	624316	70.72	ng	0.00
78) Terphenyl-d14	20.02	244	1164353	75.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	30713	25.011	ng	# 77
3) Pyridine	3.94	79	92498	28.853	ng	# 74
4) n-Nitrosodimethylamine	3.86	42	42075	30.567	ng	# 78
6) Aniline	7.38	93	94674	20.291	ng	96
8) 2-Chlorophenol	7.62	128	88123	35.912	ng	98
9) Benzaldehyde	7.20	77	44281	20.048	ng	94
10) Phenol	7.24	94	138994	38.218	ng	89
11) bis(2-Chloroethyl)ether	7.47	93	91512	32.130	ng	93
12) 1,3-Dichlorobenzene	7.95	146	92705	31.284	ng	# 94
13) 1,4-Dichlorobenzene	8.09	146	95722	31.792	ng	95
14) 1,2-Dichlorobenzene	8.41	146	92325	31.920	ng	92
15) Benzyl Alcohol	8.30	79	113209	34.632	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	108392	45.394	ng	79
17) 2-Methylphenol	8.50	107	91473	36.993	ng	# 89
18) Hexachloroethane	9.14	117	35992	31.265	ng	86
19) n-Nitroso-di-n-propylamine	8.85	70	89456	29.511	ng	# 85
20) 3+4-Methylphenols	8.82	107	129175	37.657	ng	93
22) Acetophenone	8.88	105	150373	29.729	ng	# 93
24) Nitrobenzene	9.26	77	130923	33.435	ng	91
25) Isophorone	9.78	82	253022	35.006	ng	100
26) 2-Nitrophenol	9.97	139	48691	35.012	ng	# 78
27) 2,4-Dimethylphenol	10.02	122	99045	42.074	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	131591	33.040	ng	95
29) 2,4-Dichlorophenol	10.50	162	105071	39.100	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	106476	32.313	ng	92
31) Naphthalene	10.91	128	279413	32.977	ng	98
32) Benzoic acid	10.16	122	45364	28.625	ng	93
33) 4-Chloroaniline	11.02	127	55635	15.066	ng	# 88
34) Hexachlorobutadiene	11.19	225	80920	31.493	ng	96
35) Caprolactam	11.78	113	25697	22.284	ng	# 71
36) 4-Chloro-3-methylphenol	12.13	107	133986	37.198	ng	89
37) 2-Methylnaphthalene	12.51	142	219587	34.786	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	149522	33.494	ng	98
40) Hexachlorocyclopentadiene	12.85	237	196024	83.728	ng	93

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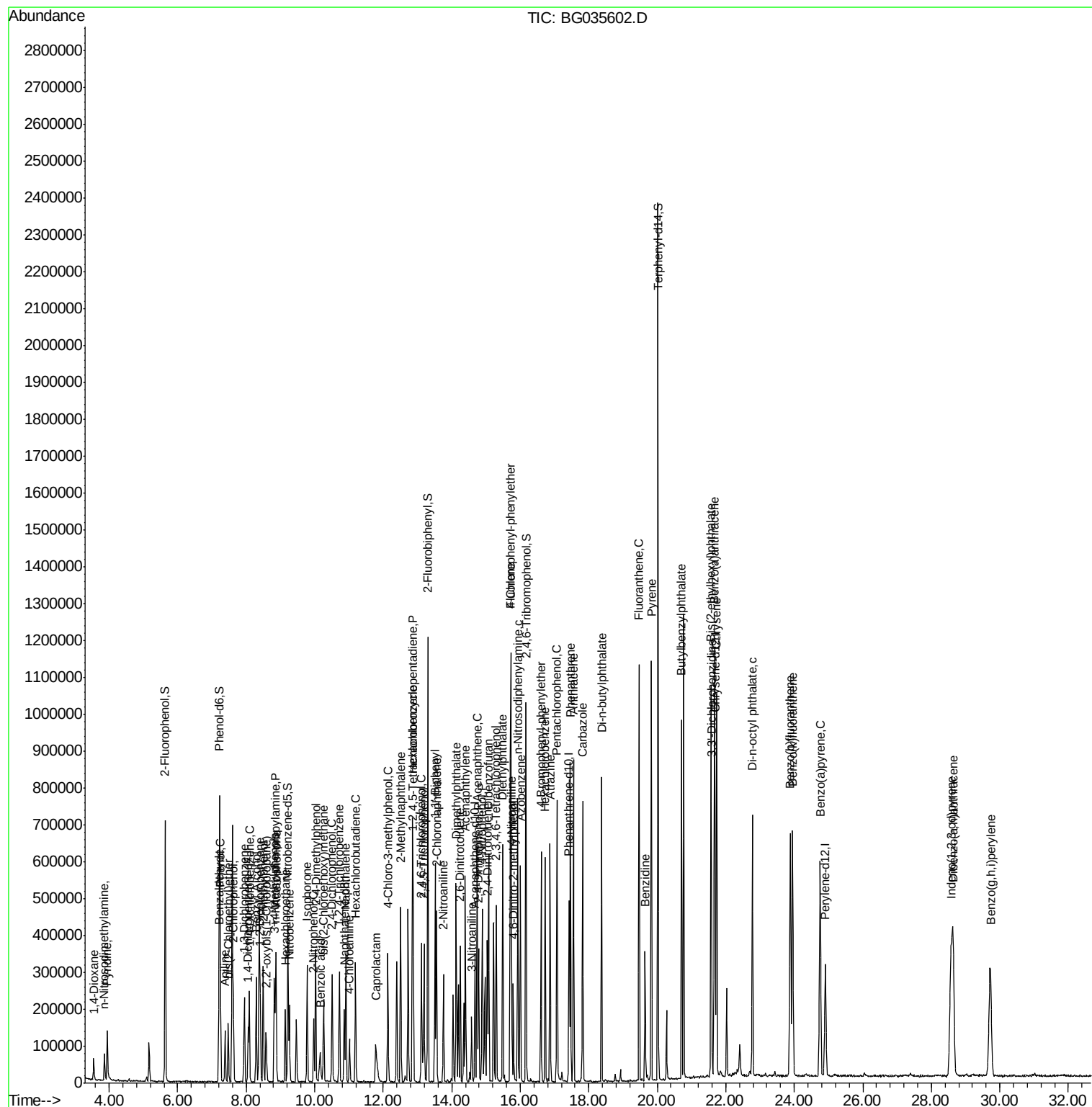
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	95696	36.656	ng	96
43) 2,4,5-Trichlorophenol	13.19	196	104537	35.794	ng	98
45) 1,1'-Biphenyl	13.51	154	304599	33.217	ng	93
46) 2-Chloronaphthalene	13.56	162	236929	33.217	ng	97
47) 2-Nitroaniline	13.76	65	89274	35.403	ng	96
48) Acenaphthylene	14.40	152	403768	33.793	ng	98
49) Dimethylphthalate	14.13	163	339861	32.796	ng	98
50) 2,6-Dinitrotoluene	14.25	165	76202	36.110	ng	95
51) Acenaphthene	14.74	154	234656	31.527	ng	96
52) 3-Nitroaniline	14.58	138	39279	18.211	ng #	94
53) 2,4-Dinitrophenol	14.79	184	79706	73.989	ng #	63
54) Dibenzofuran	15.08	168	395732	33.431	ng	92
55) 4-Nitrophenol	14.89	139	112939	73.527	ng #	86
56) 2,4-Dinitrotoluene	15.03	165	109786	36.264	ng	97
57) Fluorene	15.72	166	331918	33.455	ng	94
58) 2,3,4,6-Tetrachlorophenol	15.30	232	103965	37.128	ng	98
59) Diethylphthalate	15.49	149	345636	32.437	ng	98
60) 4-Chlorophenyl-phenylether	15.72	204	189681	32.529	ng	97
61) 4-Nitroaniline	15.74	138	79175	35.093	ng #	83
62) Azobenzene	16.00	77	362620	34.500	ng	95
64) 4,6-Dinitro-2-methylphenol	15.80	198	58445	32.878	ng	91
65) n-Nitrosodiphenylamine	15.93	169	294408	32.390	ng	99
66) 4-Bromophenyl-phenylether	16.61	248	129467	34.946	ng	94
67) Hexachlorobenzene	16.73	284	128357	33.643	ng	95
68) Atrazine	16.87	200	138000	36.875	ng	96
69) Pentachlorophenol	17.07	266	144709	62.272	ng	99
70) Phenanthrene	17.47	178	538376	33.788	ng	98
71) Anthracene	17.55	178	561810	35.410	ng	97
72) Carbazole	17.82	167	514184	34.125	ng	99
73) Di-n-butylphthalate	18.38	149	587244	32.980	ng #	98
74) Fluoranthene	19.47	202	727269	33.885	ng	98
76) Benzidine	19.65	184	209819	23.347	ng	97
77) Pyrene	19.83	202	742105	34.333	ng	99
79) Butylbenzylphthalate	20.71	149	265319	34.325	ng	96
80) Benzo(a)anthracene	21.67	228	741581	34.812	ng	98
81) 3,3'-Dichlorobenzidine	21.58	252	149596	20.140	ng #	99
82) Chrysene	21.74	228	683431	34.621	ng	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	355302	33.811	ng	99
84) Di-n-octyl phthalate	22.78	149	604775	34.372	ng	95
85) Indeno(1,2,3-cd)pyrene	28.57	276	768761	35.175	ng #	90
87) Benzo(b)fluoranthene	23.89	252	676503	33.676	ng #	95
88) Benzo(k)fluoranthene	23.95	252	673638	34.300	ng #	97
89) Benzo(a)pyrene	24.76	252	666026	35.638	ng #	95
90) Dibenzo(a,h)anthracene	28.64	278	627239	34.186	ng #	96
91) Benzo(g,h,i)perylene	29.73	276	638111	35.541	ng #	94

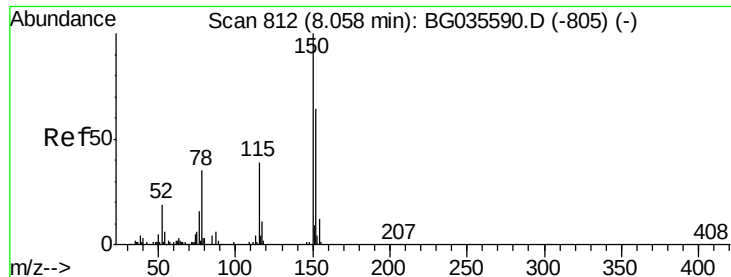
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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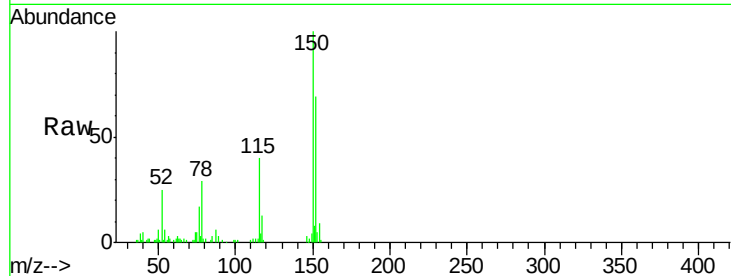


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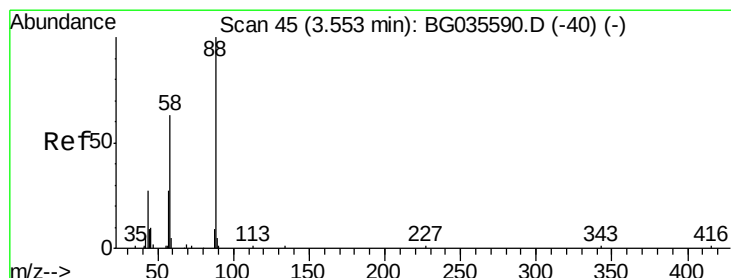
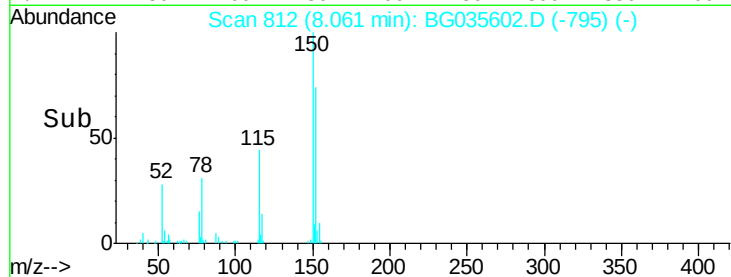
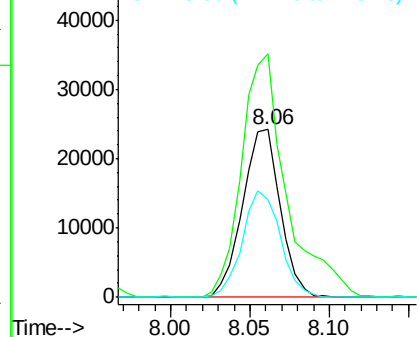
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

Instrument :
BNA_G
ClientSampleId :
PB110949BS

Tgt Ion:152 Resp: 40057
Ion Ratio Lower Upper
152 100
150 145.3 126.6 189.8
115 58.6 53.0 79.4



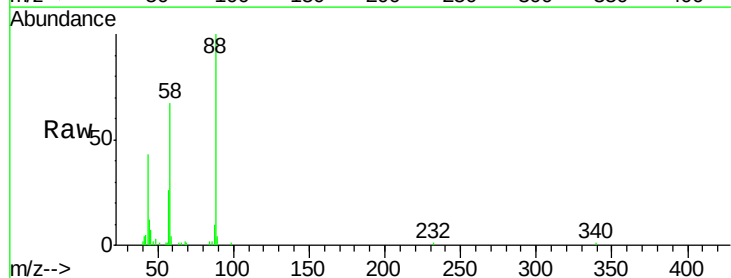
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



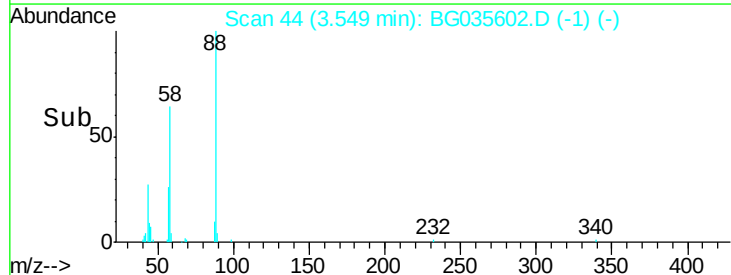
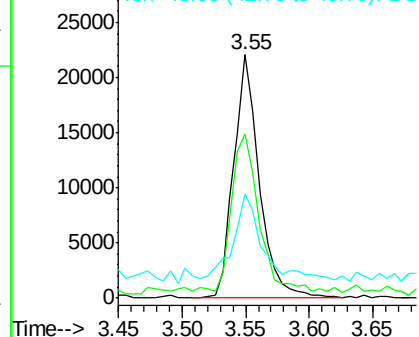
#2

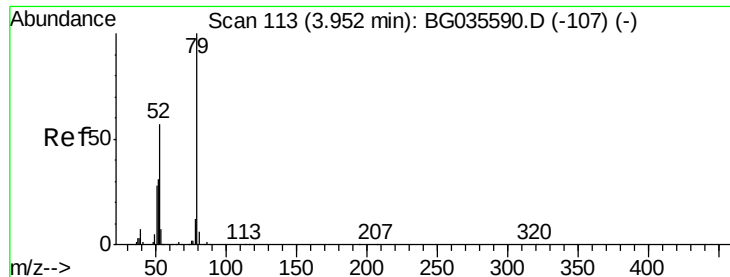
1,4-Dioxane
Concen: 25.011 ng
RT: 3.55 min Scan# 44
Delta R.T. -0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

Tgt Ion: 88 Resp: 30713
Ion Ratio Lower Upper
88 100
58 71.4 79.6 119.4#
43 38.8 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: 28.853 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

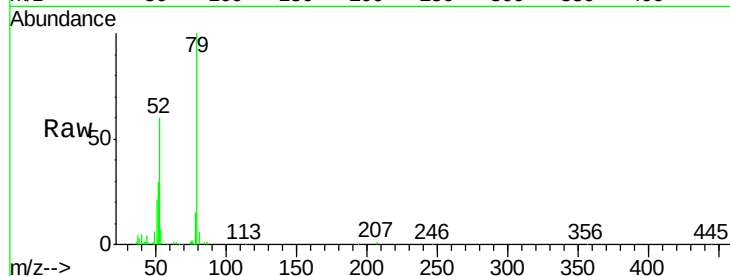
Tgt Ion: 79 Resp: 92498

Ion Ratio Lower Upper

79 100

52 60.0 69.9 104.9#

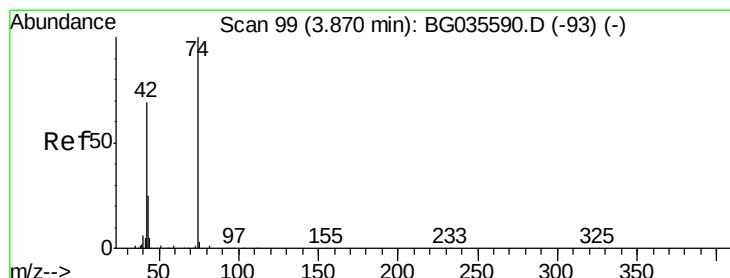
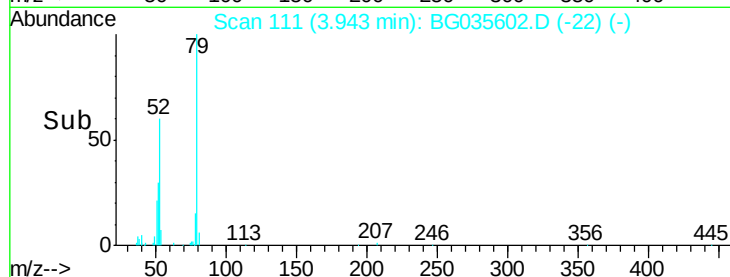
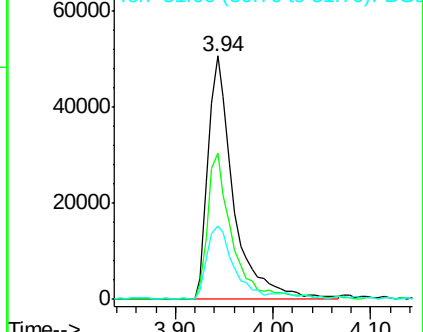
51 30.1 34.0 51.0#



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: 30.567 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.01 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

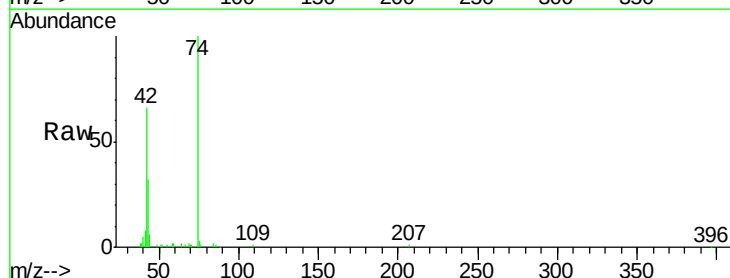
Tgt Ion: 42 Resp: 42075

Ion Ratio Lower Upper

42 100

74 151.4 102.5 153.7

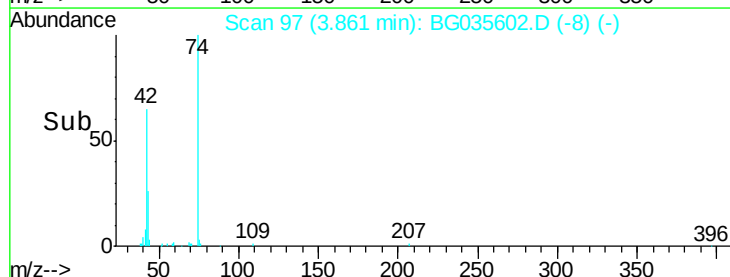
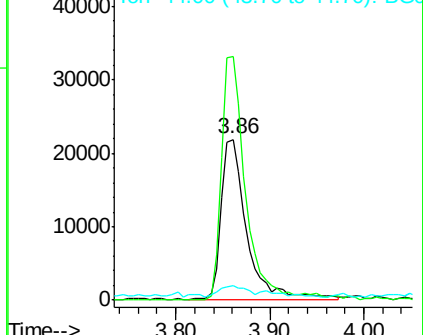
44 8.7 18.9 28.3#

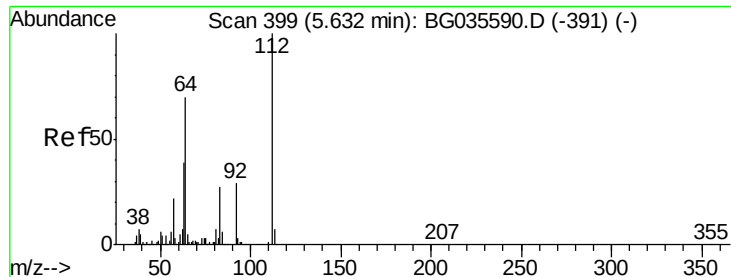


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 119.654 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG035602.D

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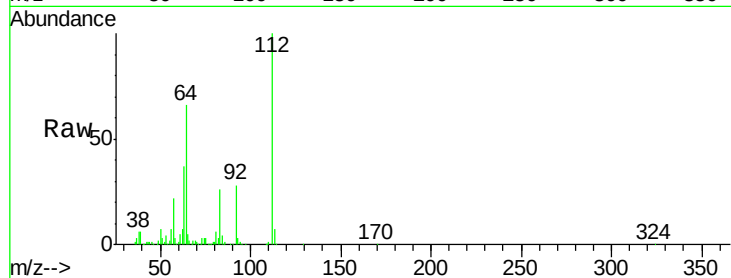
Tgt Ion: 112 Resp: 288694

Ion Ratio Lower Upper

112 100

64 65.9 56.3 84.5

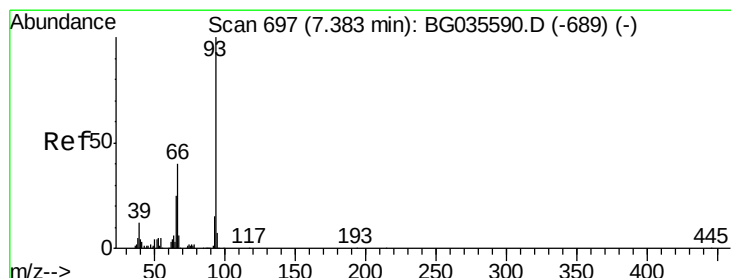
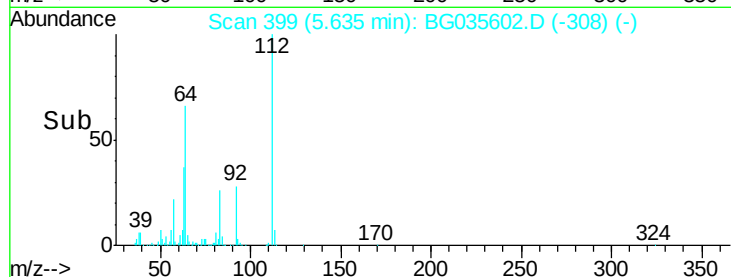
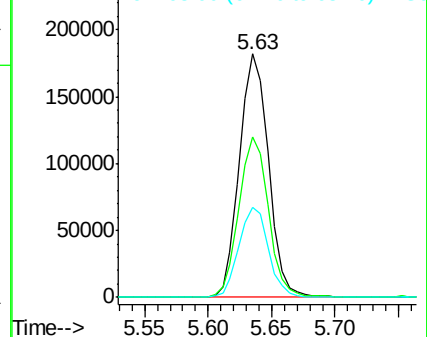
63 37.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.291 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

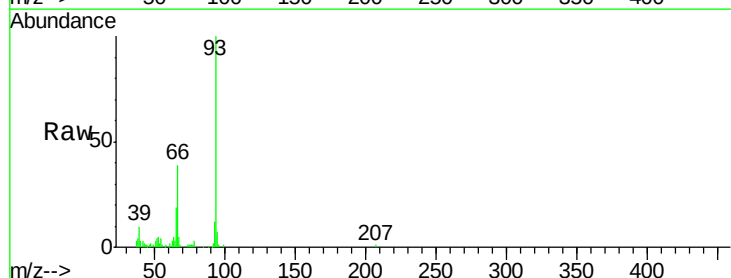
Tgt Ion: 93 Resp: 94674

Ion Ratio Lower Upper

93 100

66 39.3 33.7 50.5

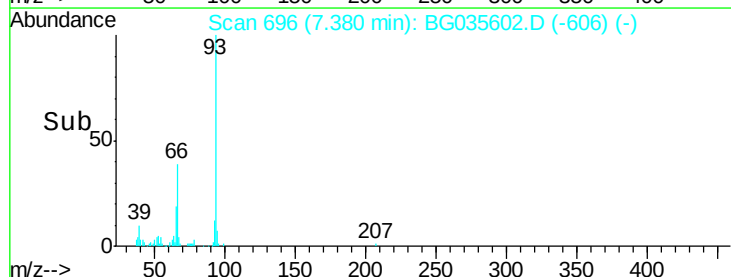
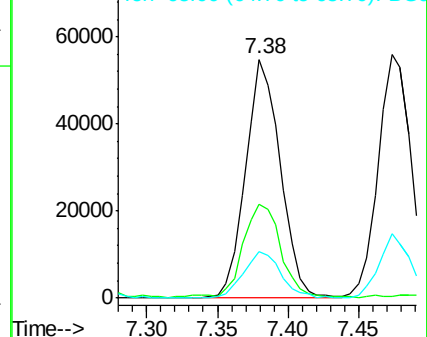
65 19.4 16.1 24.1

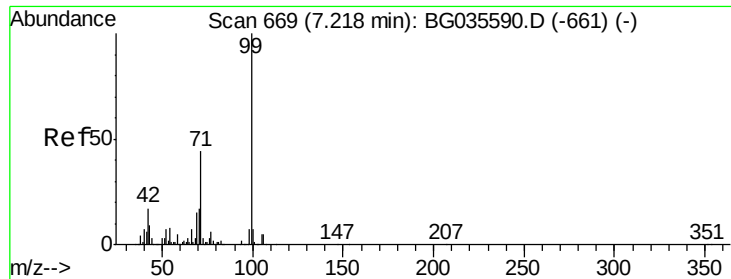


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.595 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035602.D

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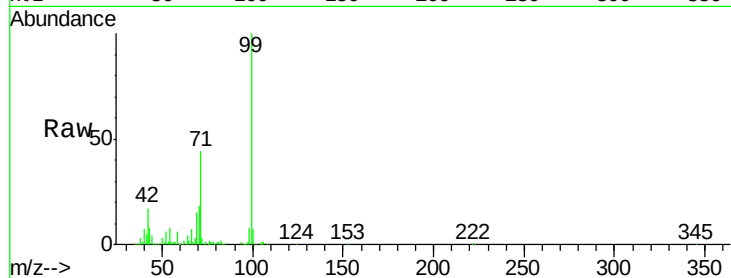
Tgt Ion: 99 Resp: 430515

Ion Ratio Lower Upper

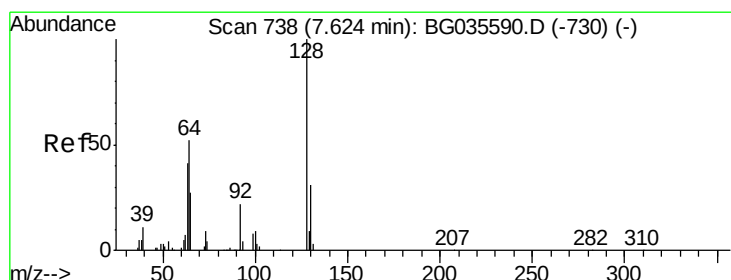
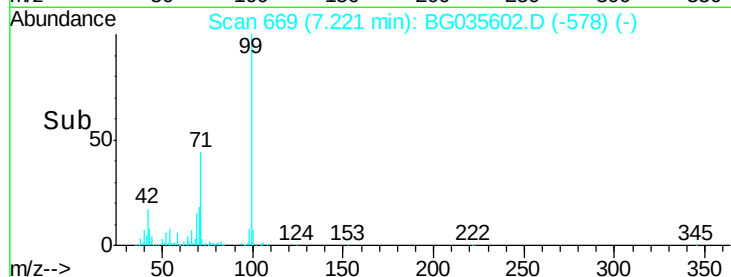
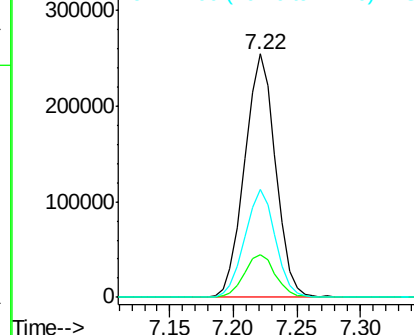
99 100

42 17.3 14.1 21.1

71 44.2 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: 35.912 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

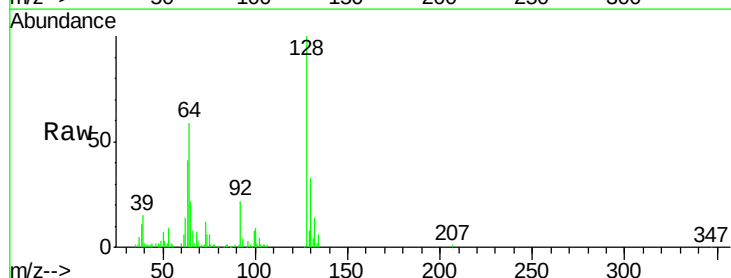
Tgt Ion: 128 Resp: 88123

Ion Ratio Lower Upper

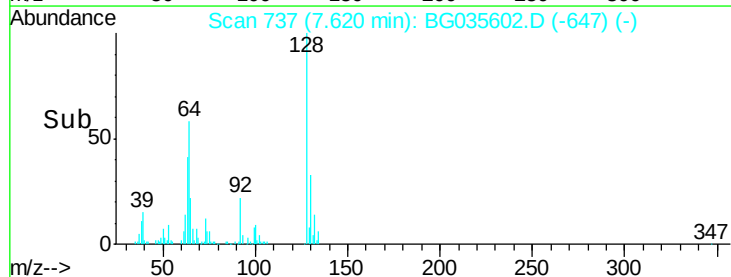
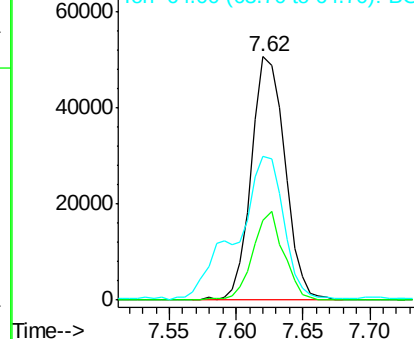
128 100

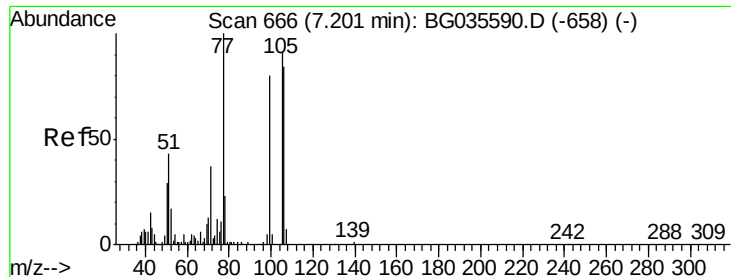
130 32.5 14.0 54.0

64 58.9 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: 20.048 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

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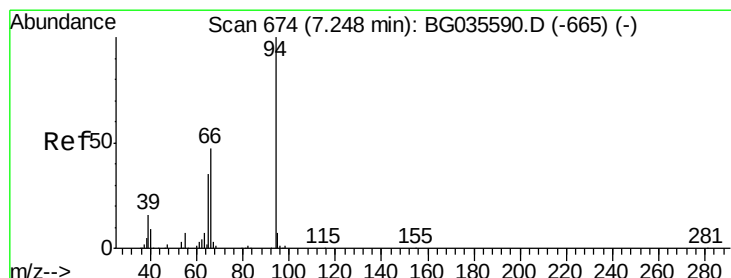
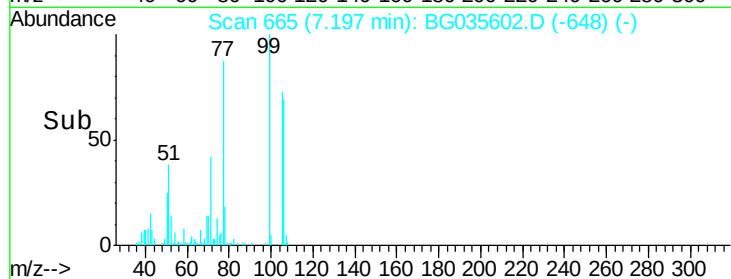
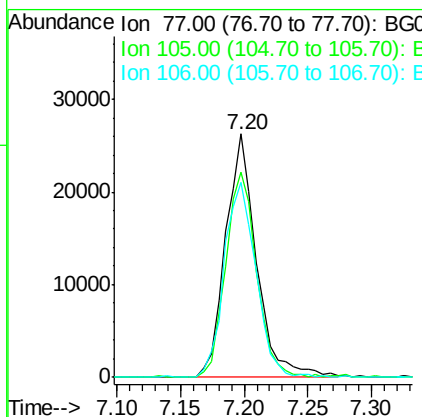
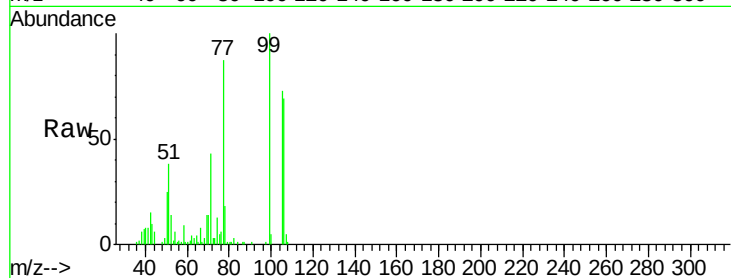
Tgt Ion: 77 Resp: 44281

Ion Ratio Lower Upper

77 100

105 84.5 71.3 111.3

106 80.0 64.2 104.2



#10

Phenol

Concen: 38.218 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

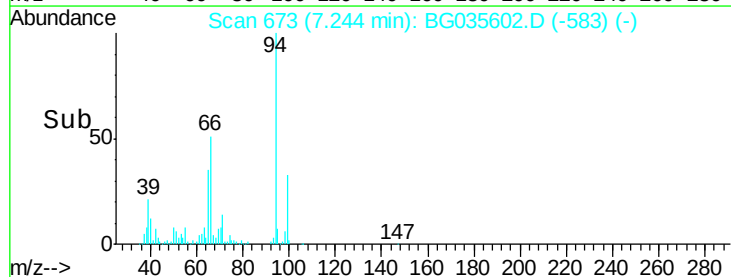
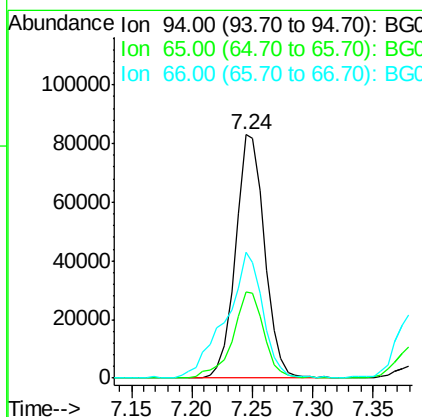
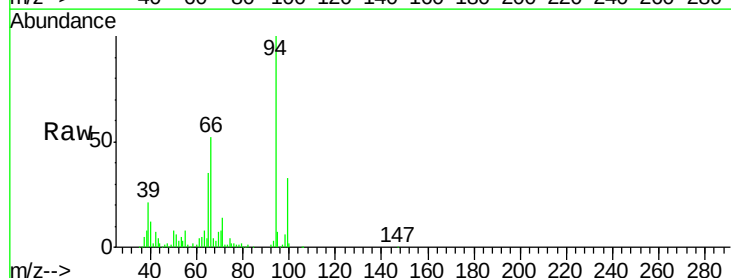
Tgt Ion: 94 Resp: 138994

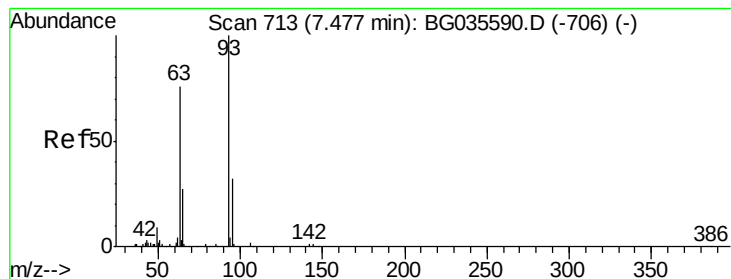
Ion Ratio Lower Upper

94 100

65 35.2 11.9 51.9

66 51.7 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 32.130 ng

RT: 7.47 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

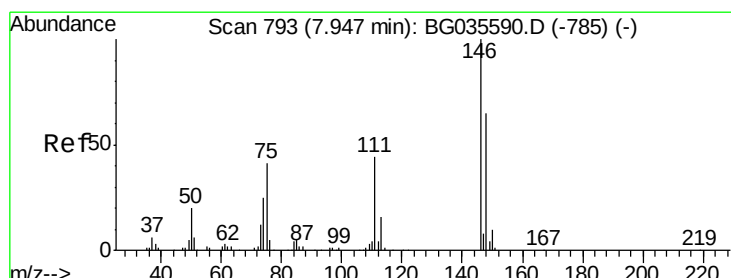
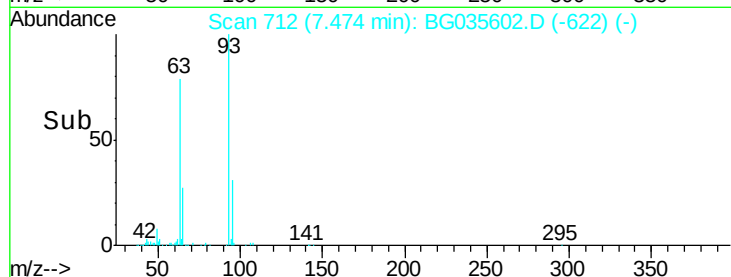
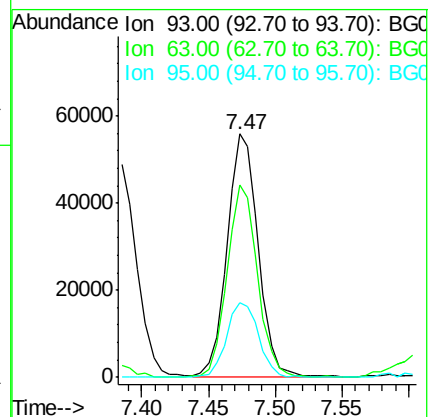
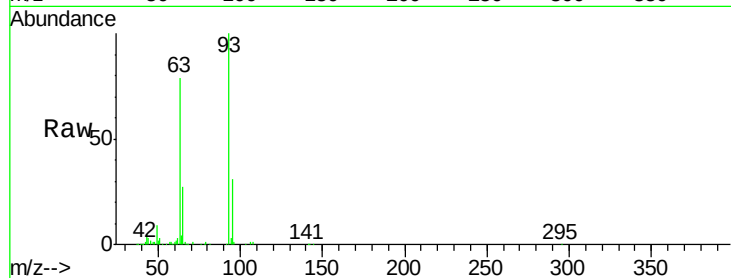
Tgt Ion: 93 Resp: 91512

Ion Ratio Lower Upper

93 100

63 79.0 67.1 107.1

95 30.5 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 31.284 ng

RT: 7.95 min Scan# 793

Delta R.T. 0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

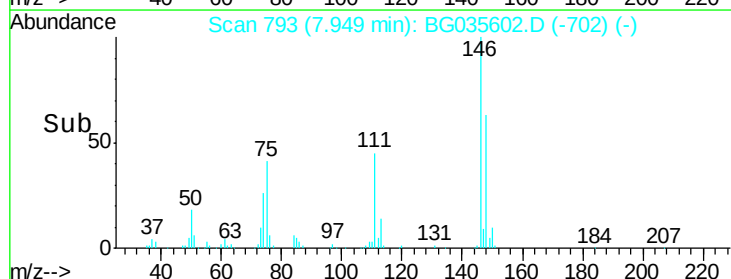
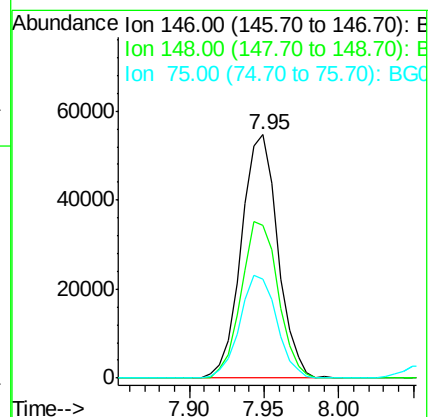
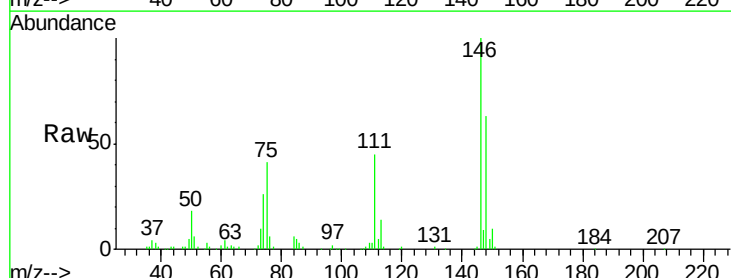
Tgt Ion: 146 Resp: 92705

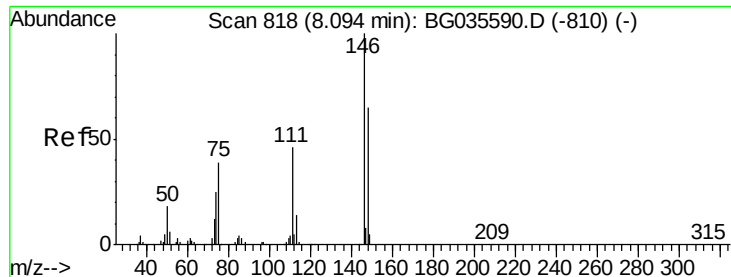
Ion Ratio Lower Upper

146 100

148 62.8 51.4 77.2

75 40.7 26.6 39.8#

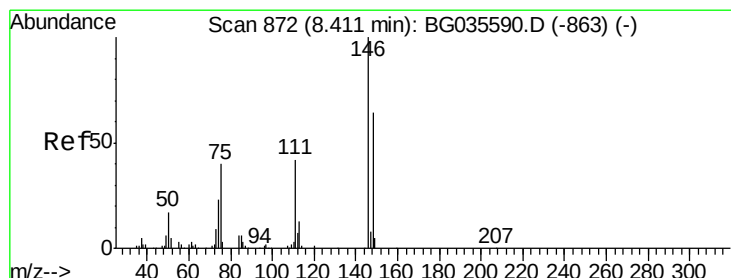
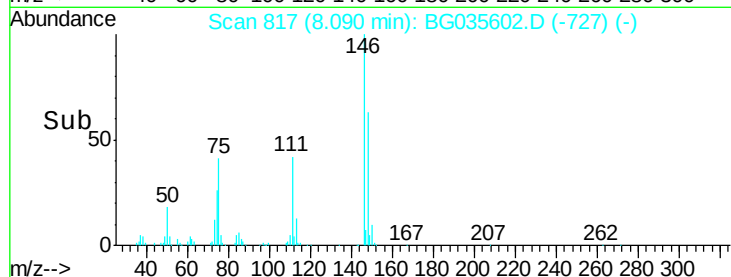
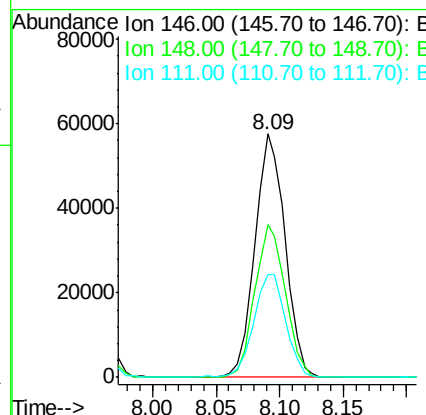
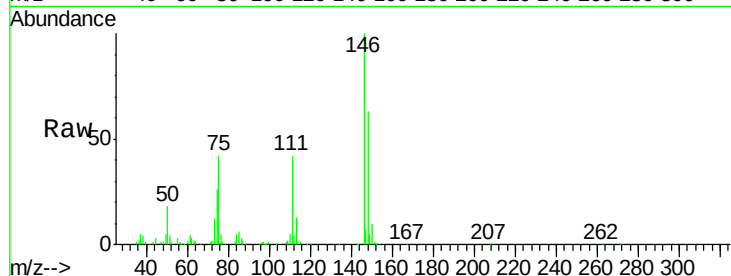




#13
 1,4-Dichlorobenzene
 Concen: 31.792 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

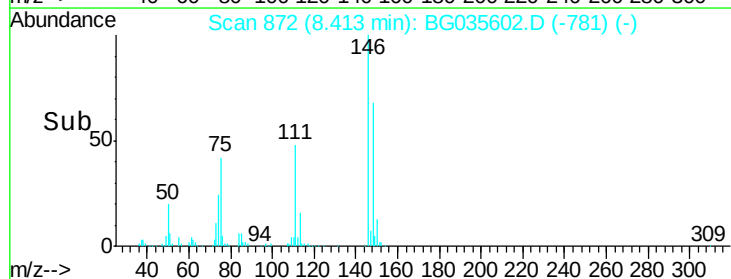
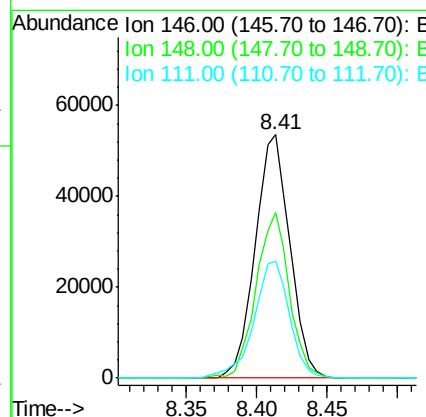
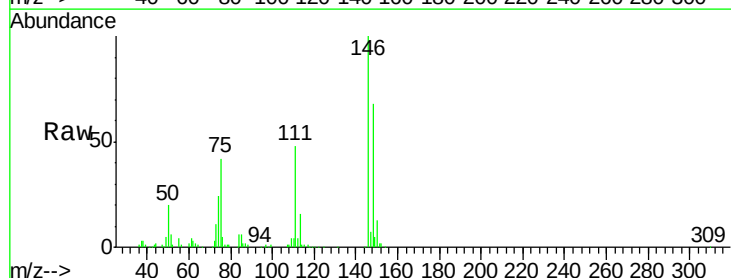
Instrument :
 BNA_G
 ClientSampleId :
 PB110949BS

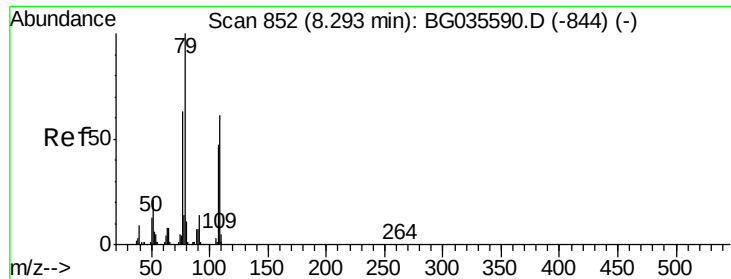
Tgt Ion:146 Resp: 95722
 Ion Ratio Lower Upper
 146 100
 148 62.6 53.7 80.5
 111 42.2 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 31.920 ng
 RT: 8.41 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

Tgt Ion:146 Resp: 92325
 Ion Ratio Lower Upper
 146 100
 148 68.0 49.3 73.9
 111 47.9 34.3 51.5

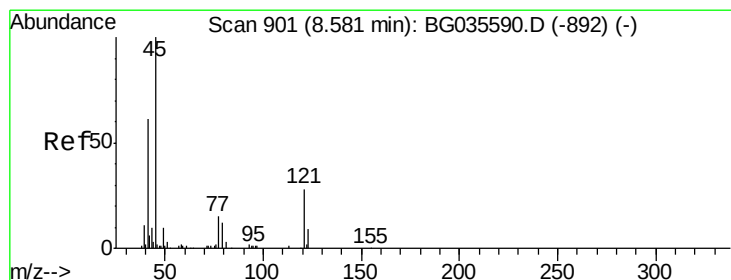
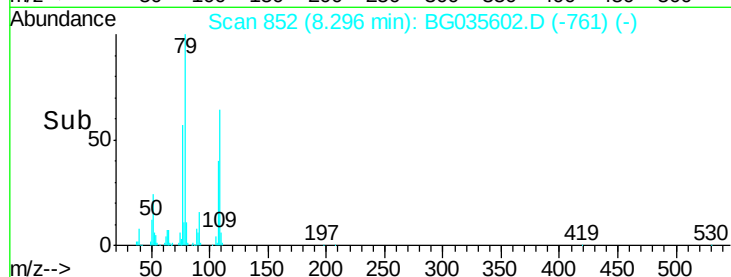
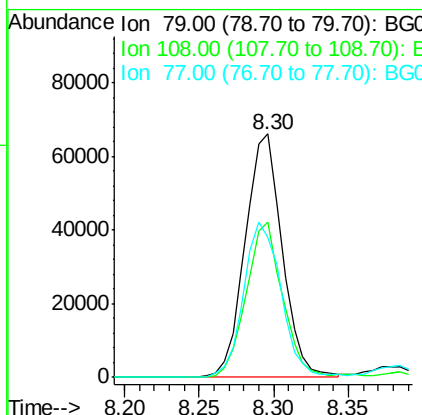
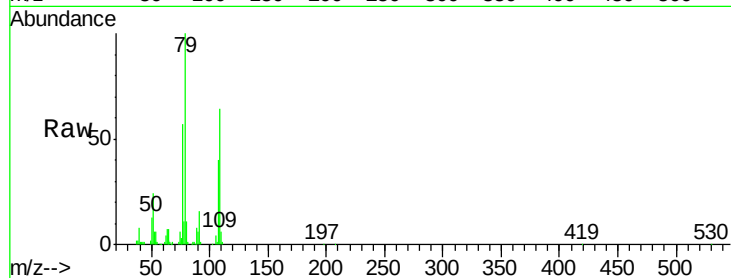




#15
Benzyl Alcohol
Concen: 34.632 ng
RT: 8.30 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

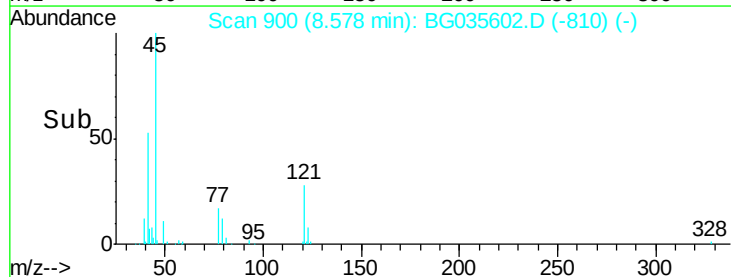
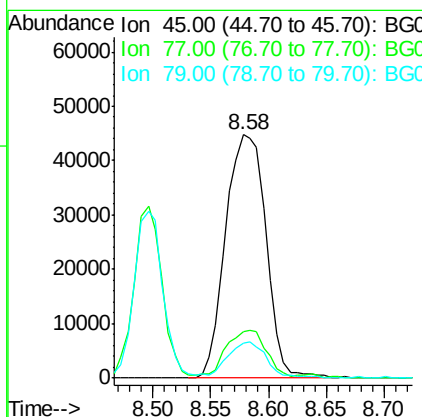
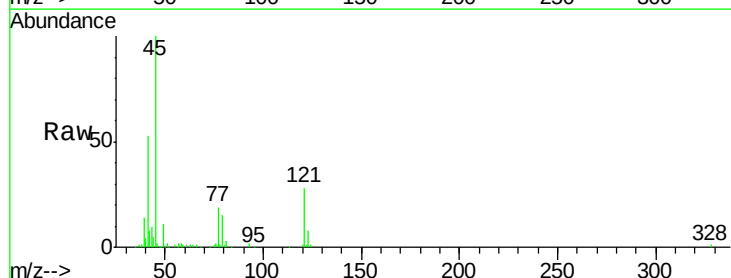
Instrument :
BNA_G
ClientSampleId :
PB110949BS

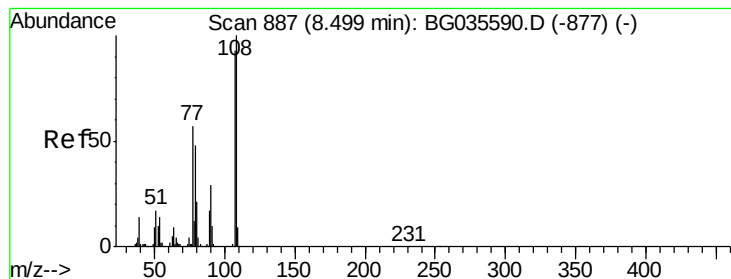
Tgt Ion: 79 Resp: 113209
Ion Ratio Lower Upper
79 100
108 63.8 57.2 85.8
77 57.3 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.394 ng
RT: 8.58 min Scan# 900
Delta R.T. -0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

Tgt Ion: 45 Resp: 108392
Ion Ratio Lower Upper
45 100
77 18.9 0.0 30.2
79 14.5 0.0 27.9





#17

2-Methylphenol

Concen: 36.993 ng

RT: 8.50 min Scan# 886

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

Tgt Ion:107 Resp: 91473

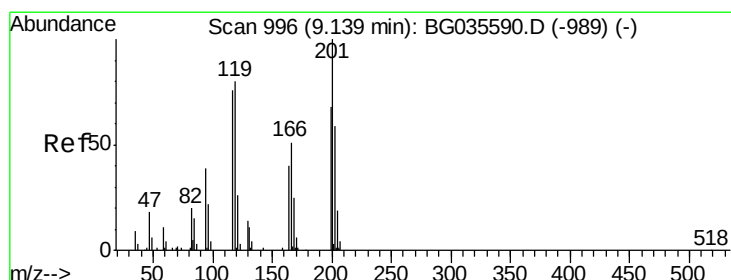
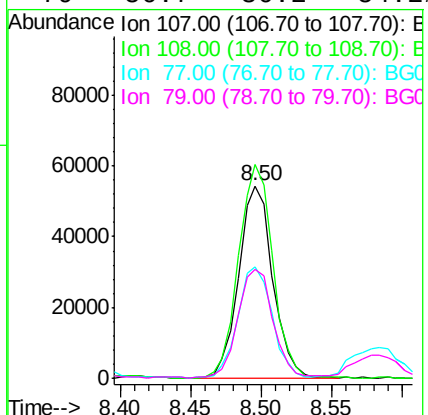
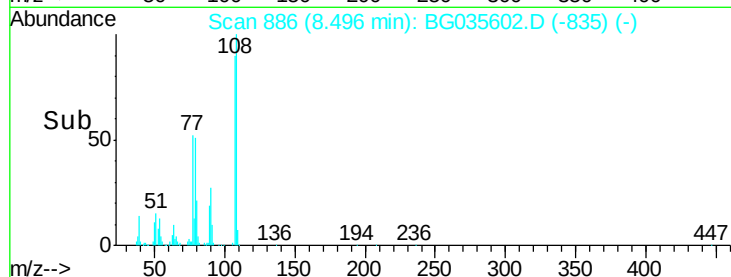
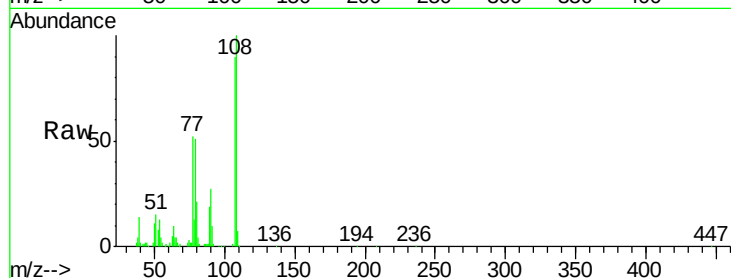
Ion Ratio Lower Upper

107 100

108 111.2 83.9 125.9

77 58.1 37.2 55.8#

79 56.7 36.2 54.2#



#18

Hexachloroethane

Concen: 31.265 ng

RT: 9.14 min Scan# 996

Delta R.T. 0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

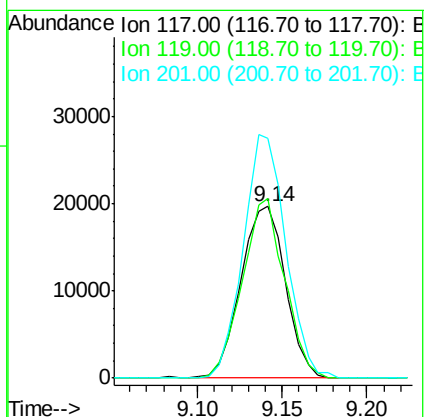
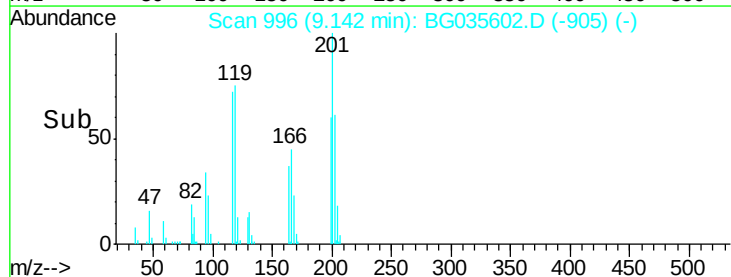
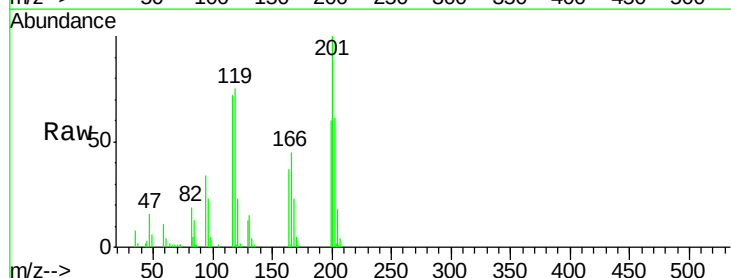
Tgt Ion:117 Resp: 35992

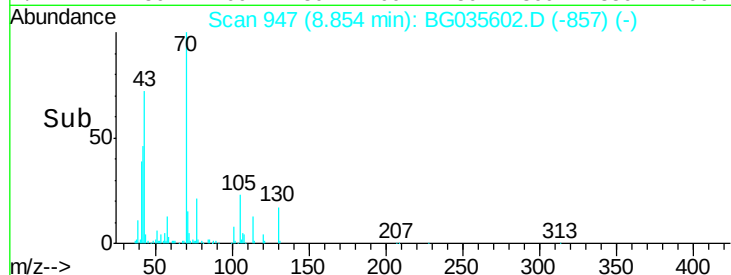
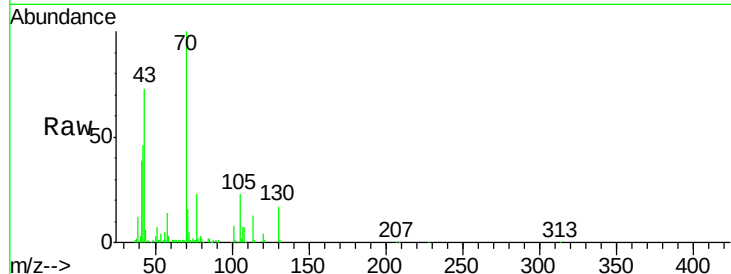
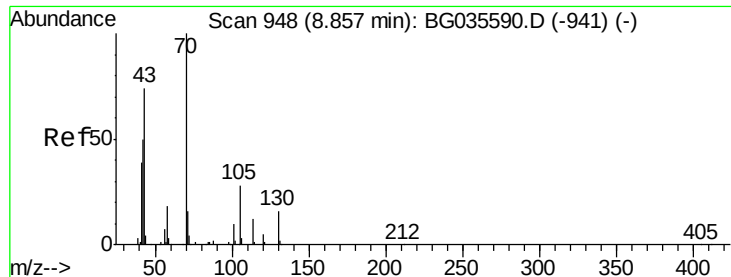
Ion Ratio Lower Upper

117 100

119 104.5 76.7 115.1

201 139.5 95.7 143.5

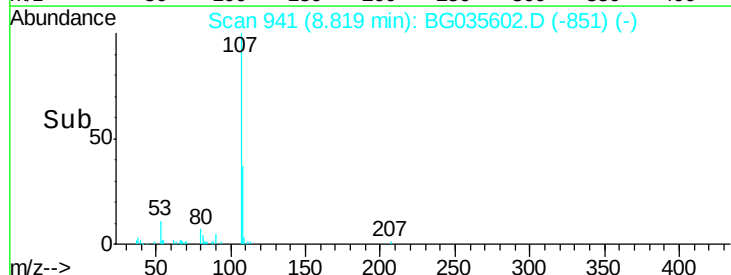
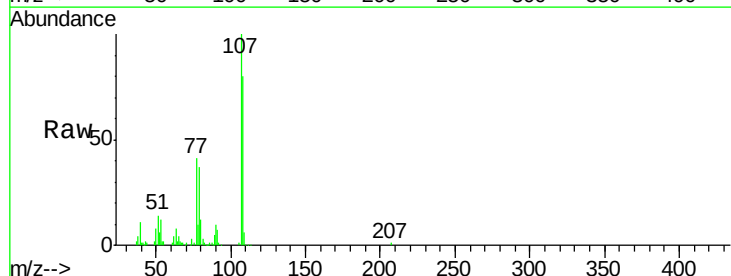
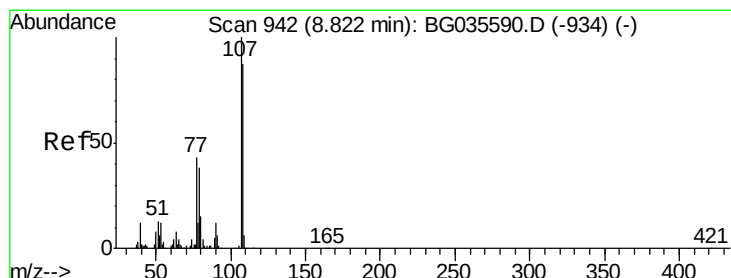
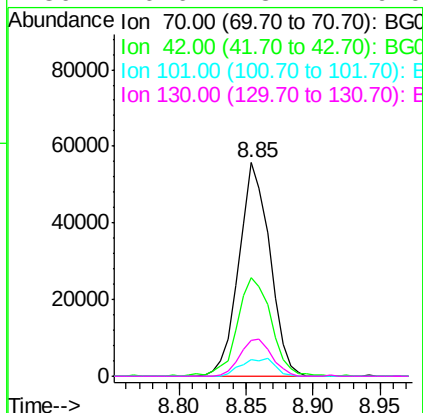




#19
n-Nitroso-di-n-propylamine
Concen: 29.511 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

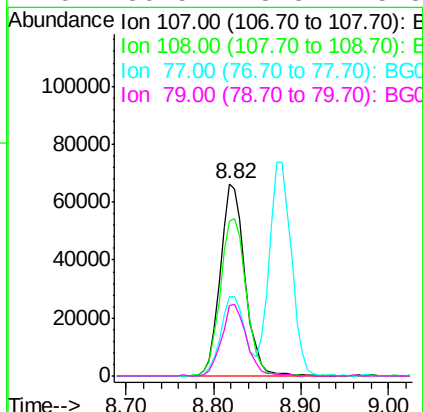
Instrument :
BNA_G
ClientSampleId :
PB110949BS

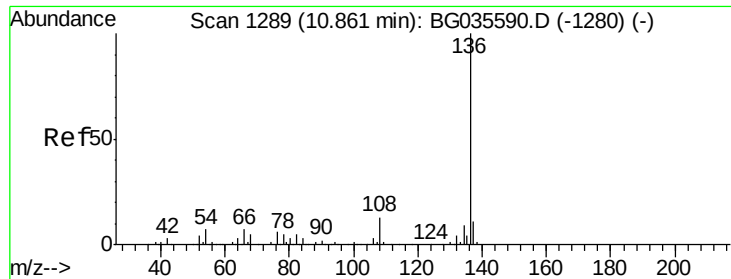
Tgt Ion:	70	Resp:	89456
Ion	Ratio	Lower	Upper
70	100		
42	46.3	49.1	73.7#
101	7.7	8.5	12.7#
130	16.6	13.4	20.0



#20
3+4-Methylphenols
Concen: 37.657 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

Tgt Ion:	107	Resp:	129175
Ion	Ratio	Lower	Upper
107	100		
108	80.2	61.6	101.6
77	41.1	13.9	53.9
79	36.5	8.8	48.8

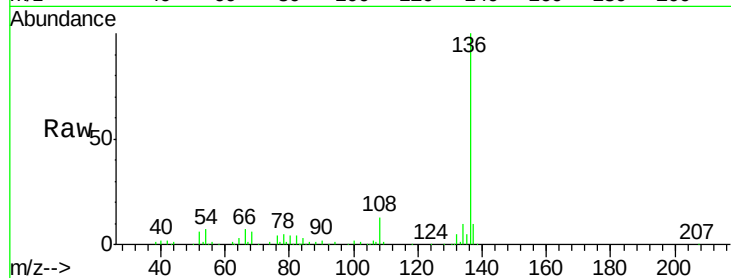




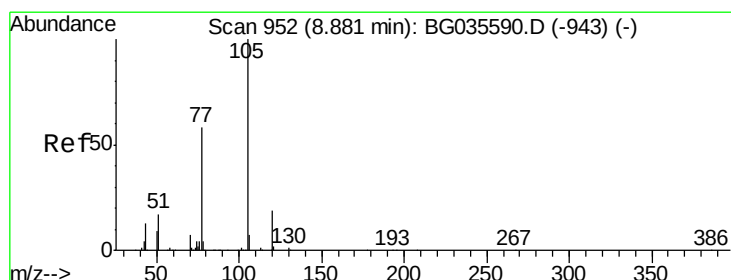
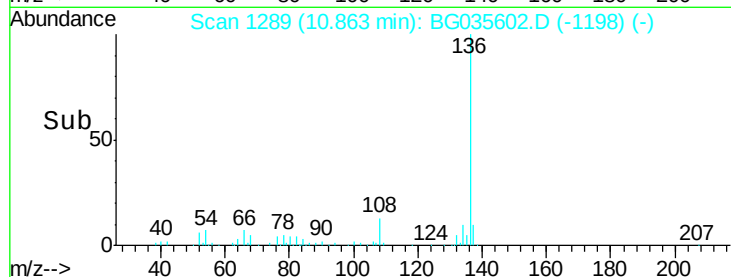
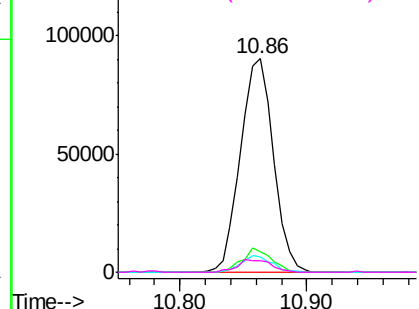
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

Instrument :
BNA_G
ClientSampleId :
PB110949BS

Tgt Ion:	136	Resp:	162656
Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.2	13.8
54	7.0	10.3	15.5#
68	5.6	4.5	6.7

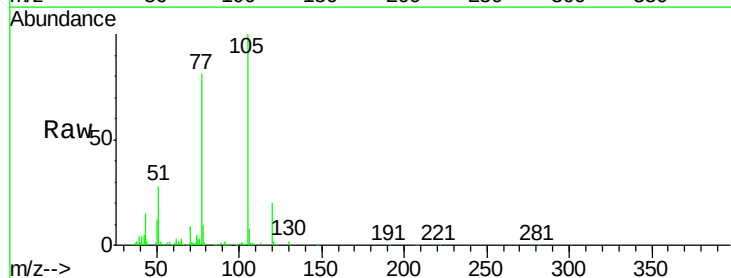


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

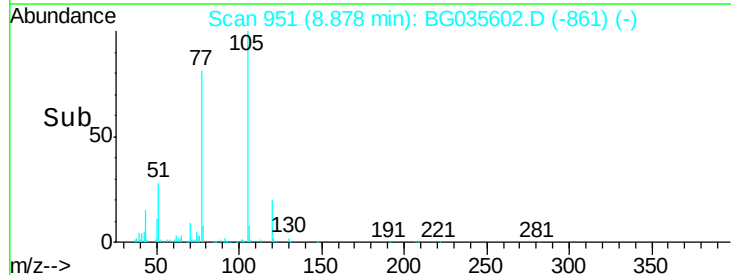
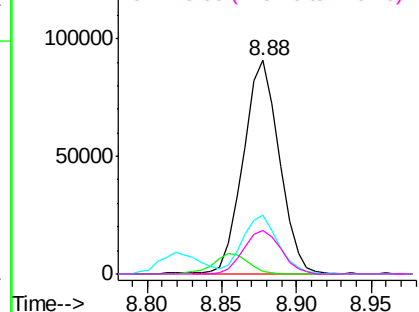


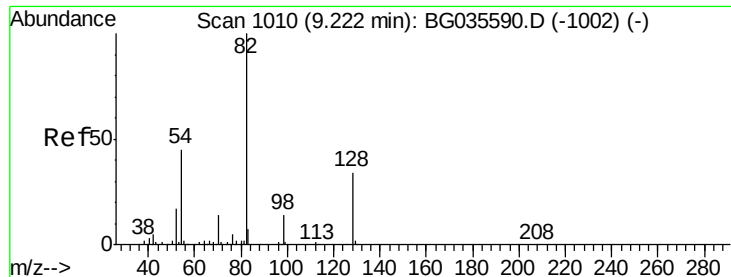
#22
Acetophenone
Concen: 29.729 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

Tgt Ion:	105	Resp:	150373
Ion	Ratio	Lower	Upper
105	100		
71	1.0	3.0	4.4#
51	27.8	26.1	39.1
120	20.3	17.4	26.2



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

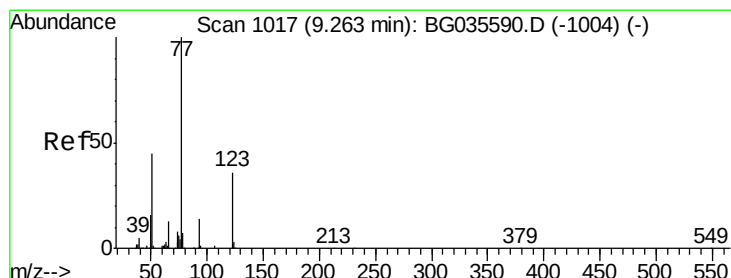
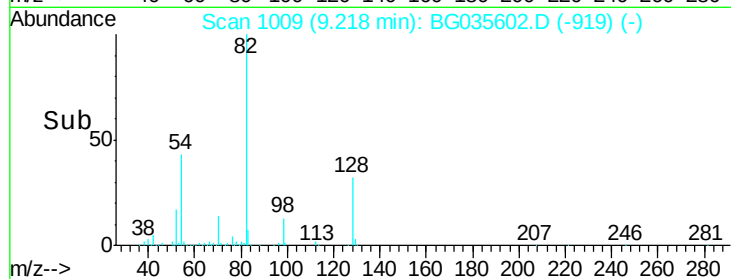
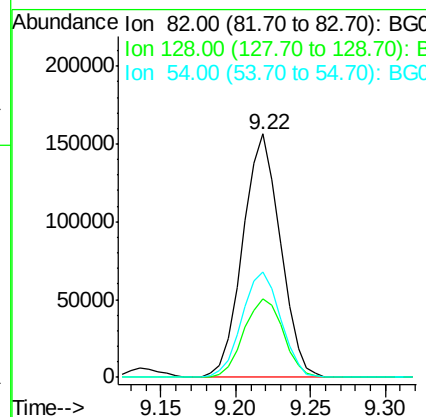
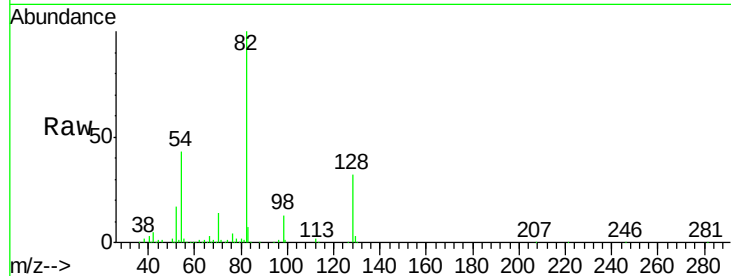




#23
 Nitrobenzene-d5
 Concen: 69.892 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

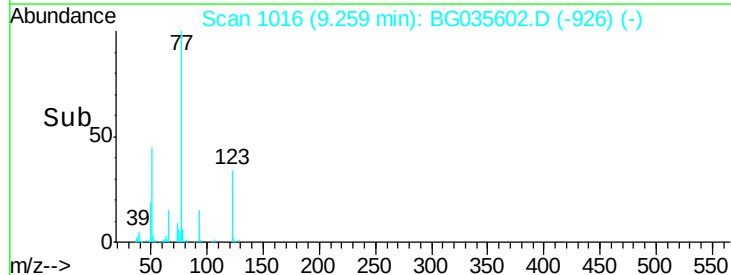
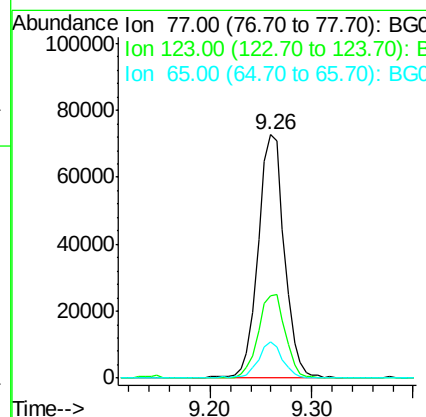
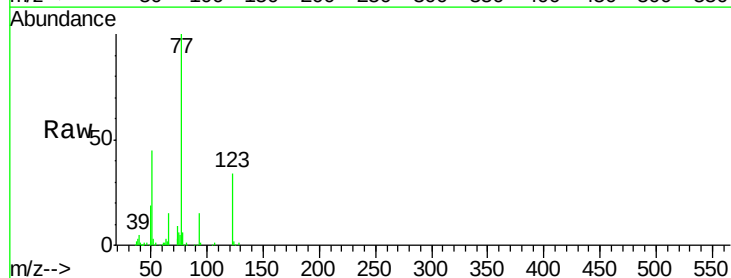
Instrument :
 BNA_G
 ClientSampleId :
 PB110949BS

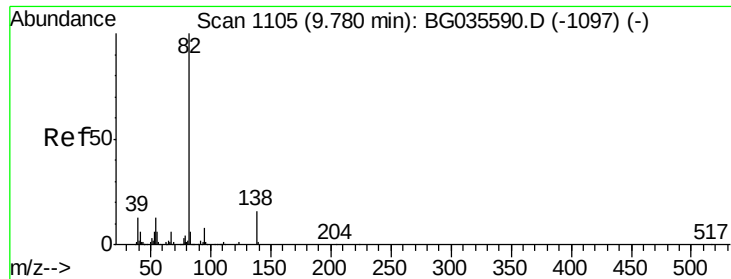
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.4	29.7	44.5
54	43.2	43.1	64.7



#24
 Nitrobenzene
 Concen: 33.435 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.9	33.0	49.6
65	15.1	13.0	19.6

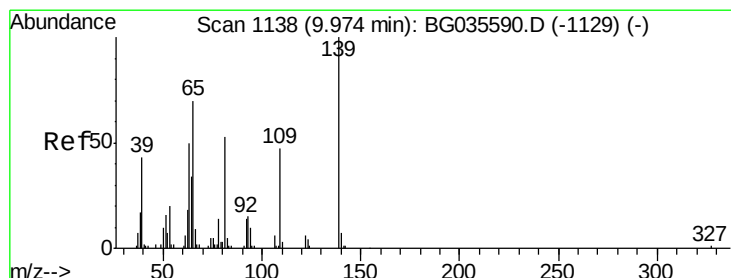
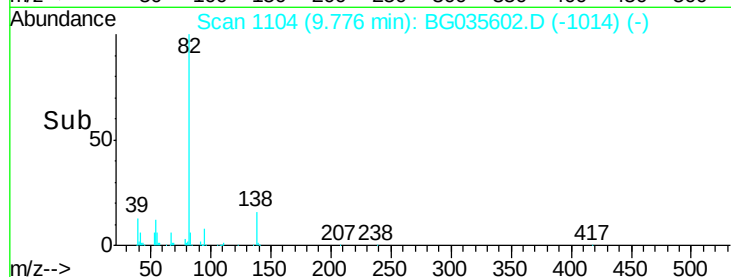
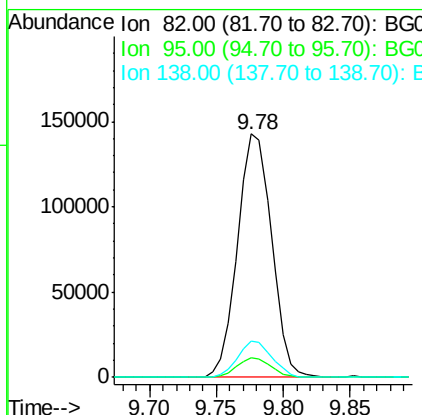
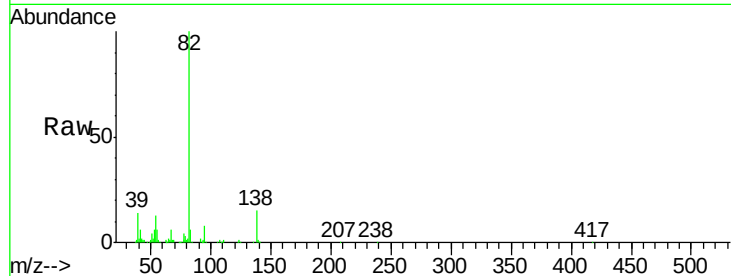




#25
Isophorone
Concen: 35.006 ng
RT: 9.78 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

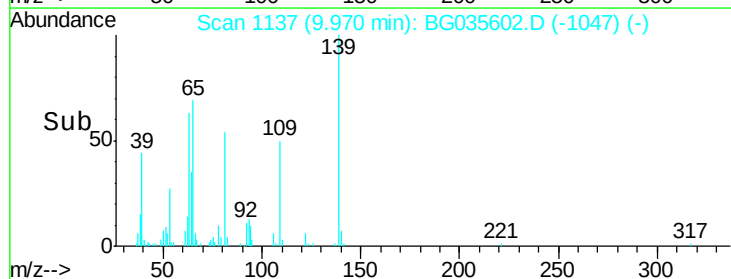
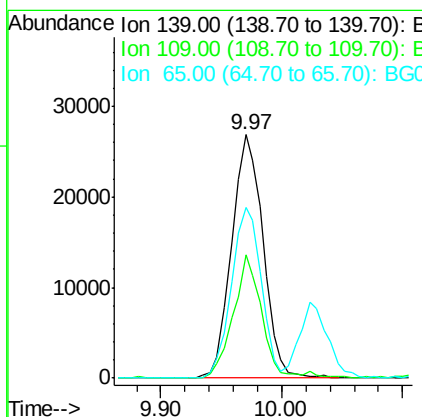
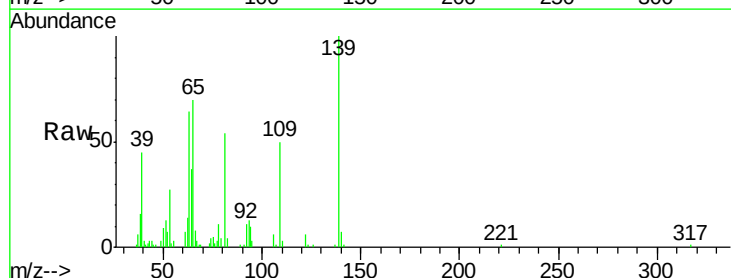
Instrument :
BNA_G
ClientSampleId :
PB110949BS

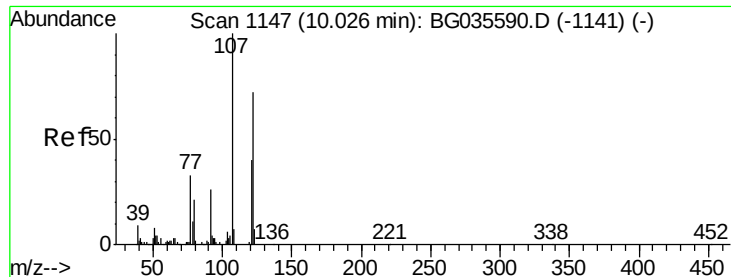
Tgt Ion: 82 Resp: 253022
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.2
138 15.0 12.1 18.1



#26
2-Nitrophenol
Concen: 35.012 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

Tgt Ion: 139 Resp: 48691
Ion Ratio Lower Upper
139 100
109 50.5 24.2 36.2#
65 70.4 47.4 71.0

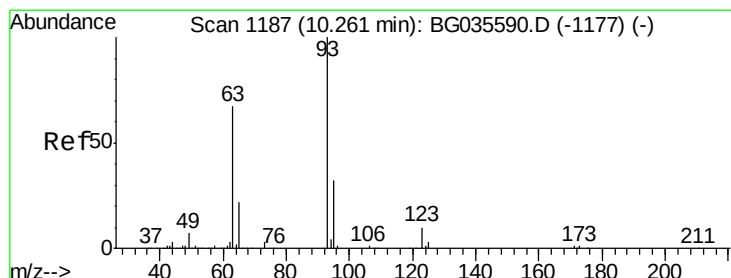
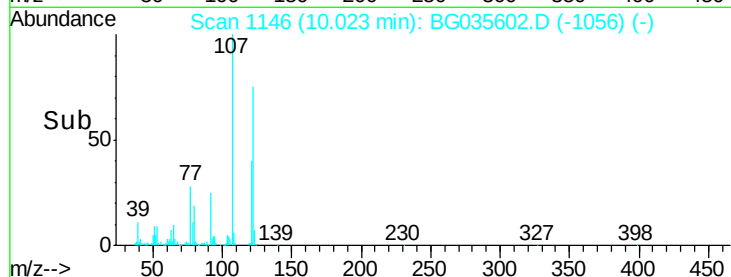
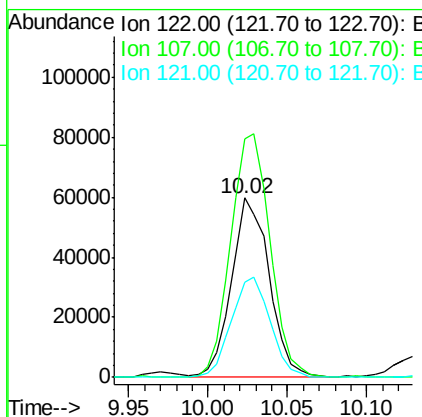
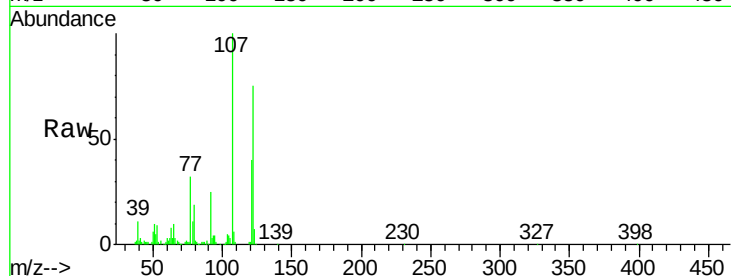




#27
2,4-Dimethylphenol
Concen: 42.074 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

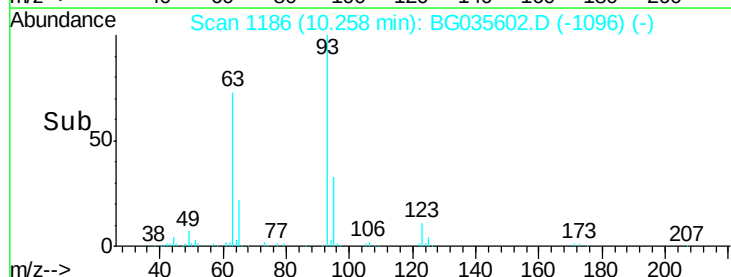
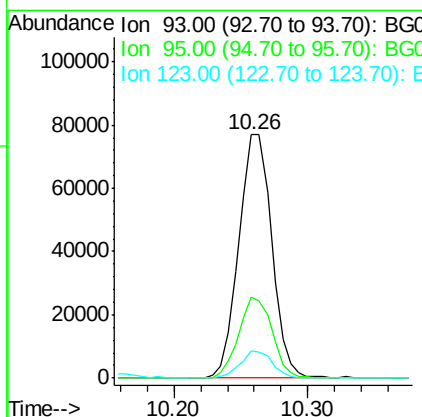
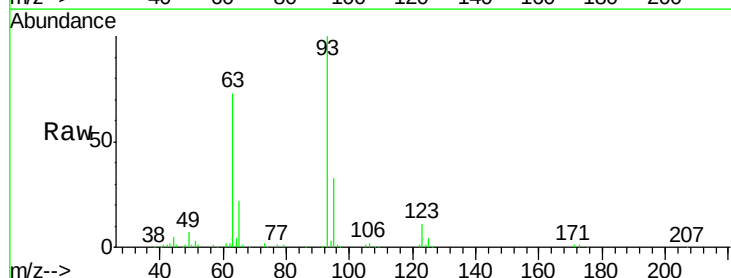
Instrument :
BNA_G
ClientSampleId :
PB110949BS

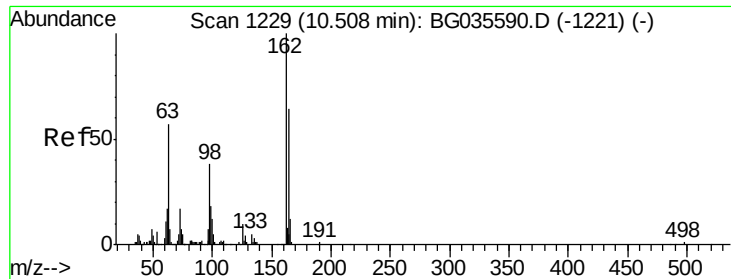
Tgt Ion	Ratio	Lower	Upper
122	100		
107	133.3	100.2	150.2
121	53.0	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 33.040 ng
RT: 10.26 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	24.3	36.5
123	11.1	8.4	12.6

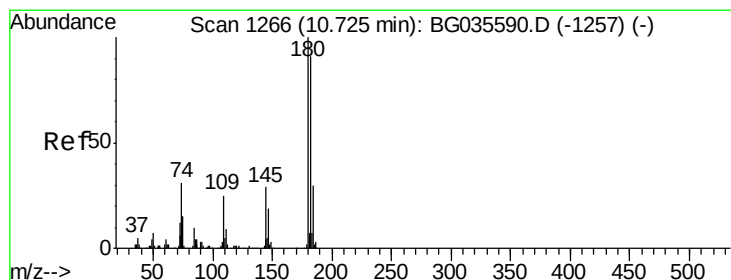
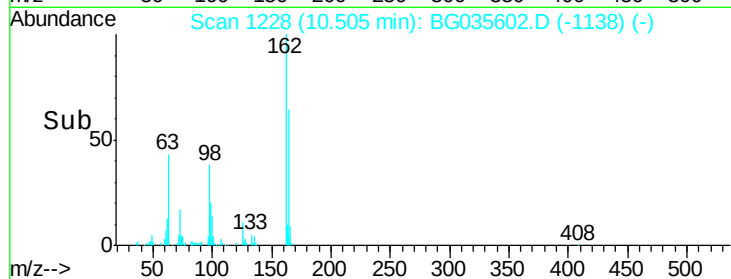
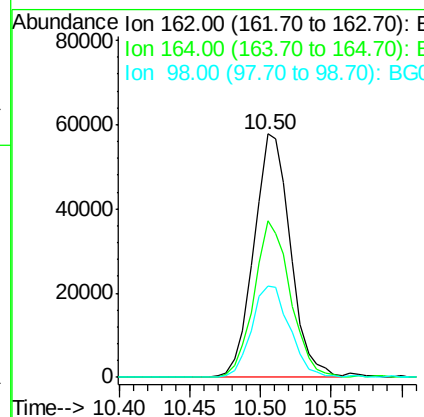
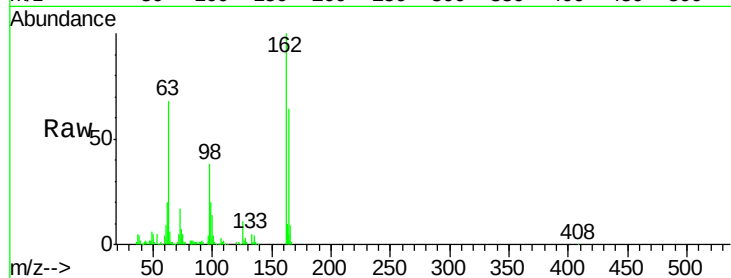




#29
 2,4-Dichlorophenol
 Concen: 39.100 ng
 RT: 10.50 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

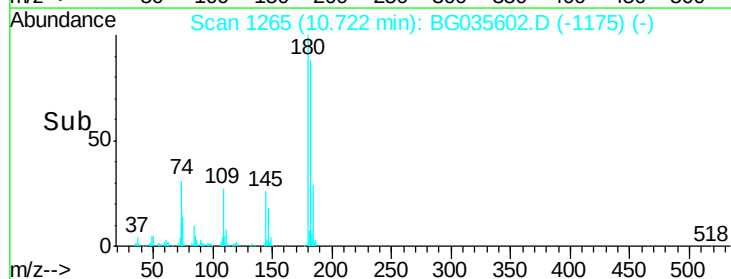
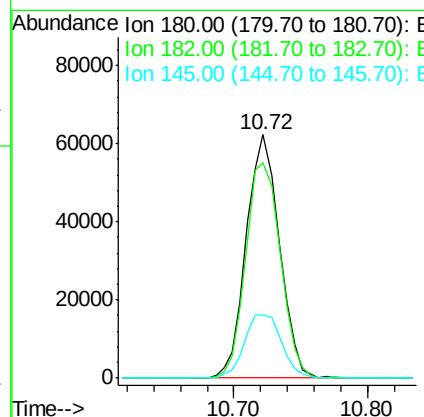
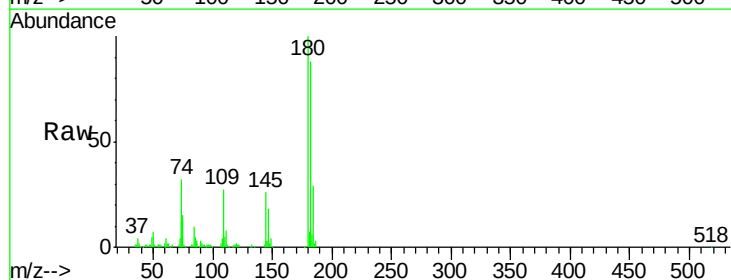
Instrument :
 BNA_G
 ClientSampleId :
 PB110949BS

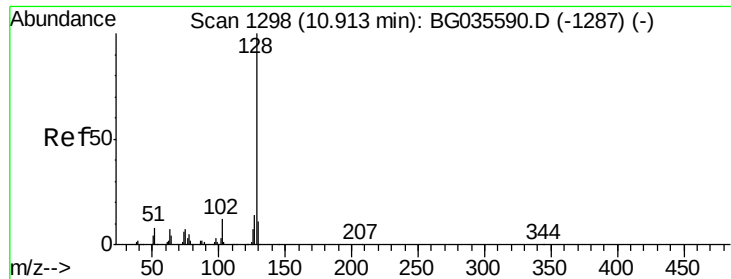
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	48.0	88.0
98	37.5	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 32.313 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.4	77.5	116.3
145	26.0	23.4	35.2

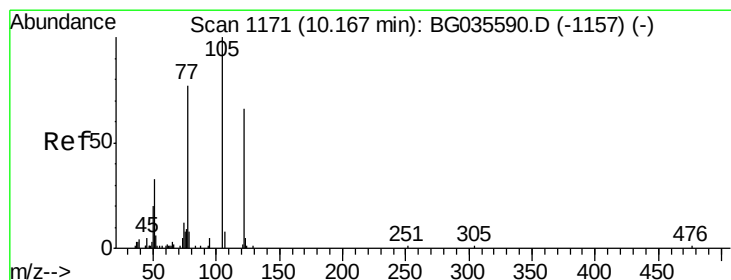
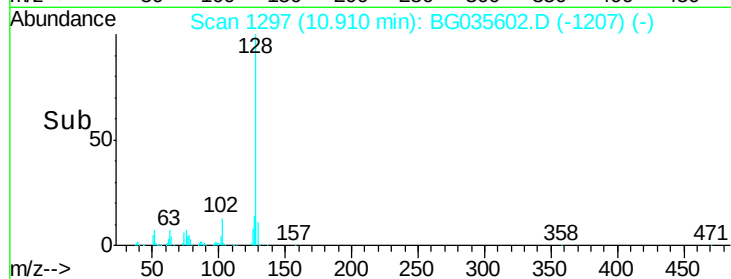
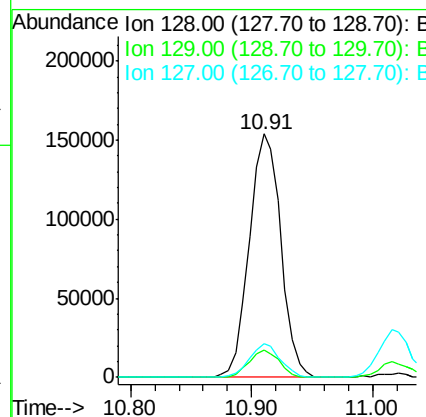
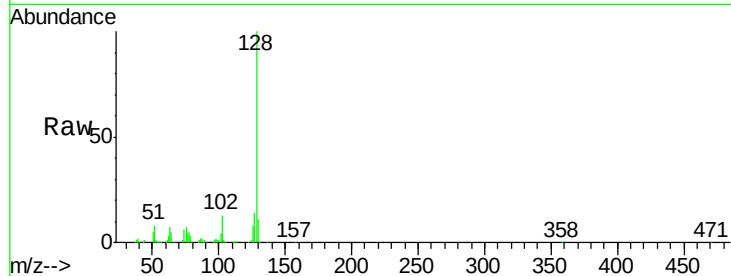




#31
Naphthalene
Concen: 32.977 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

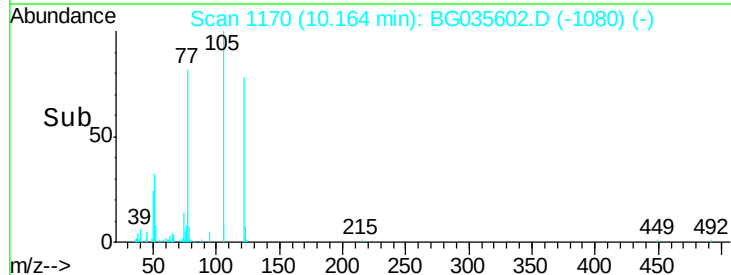
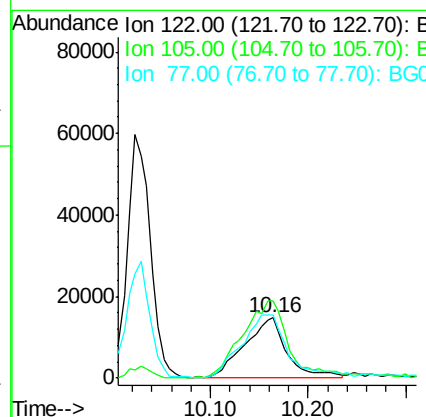
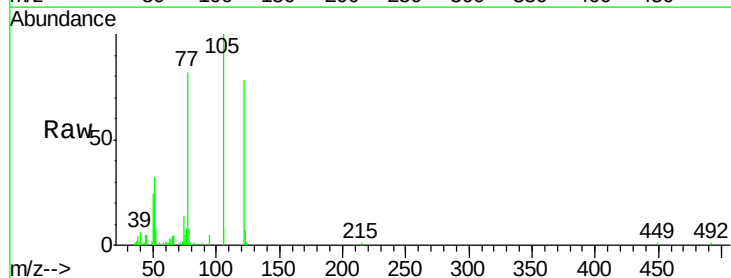
Instrument :
BNA_G
ClientSampleId :
PB110949BS

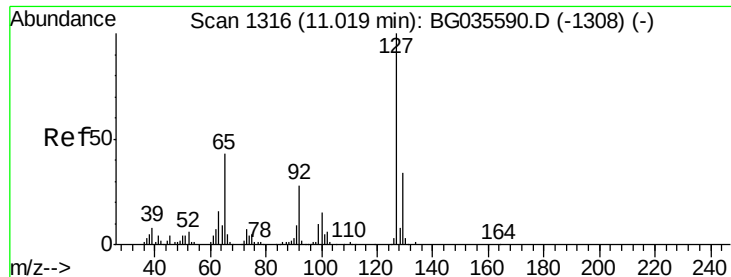
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.8	11.6	17.4



#32
Benzoic acid
Concen: 28.625 ng
RT: 10.16 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.8	123.5	163.5
77	105.1	85.7	125.7

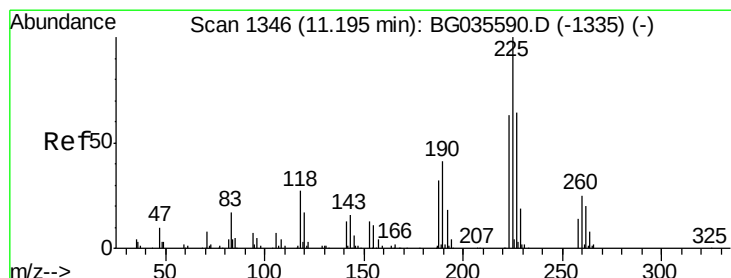
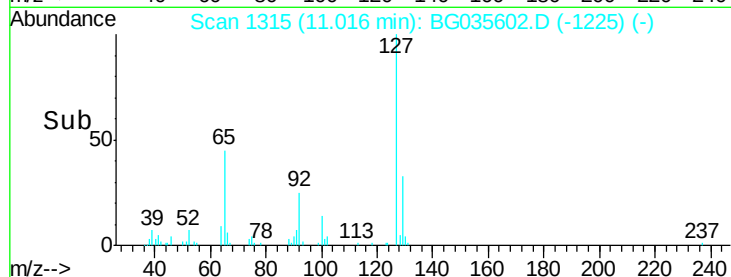
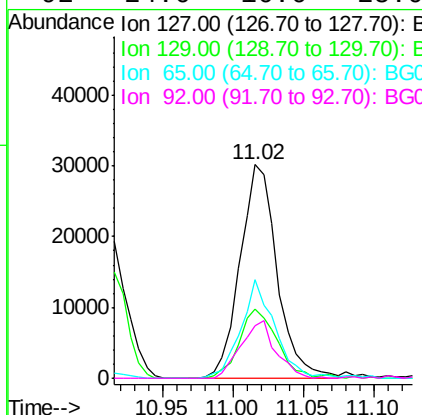
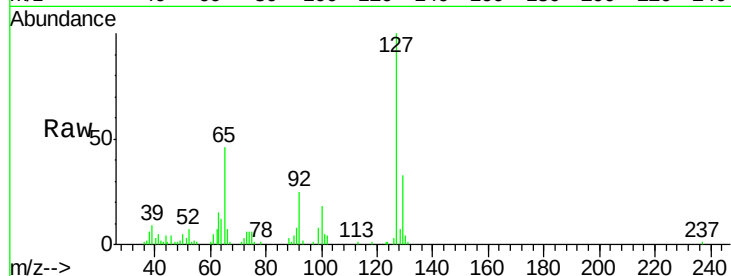




#33
4-Chloroaniline
Concen: 15.066 ng
RT: 11.02 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

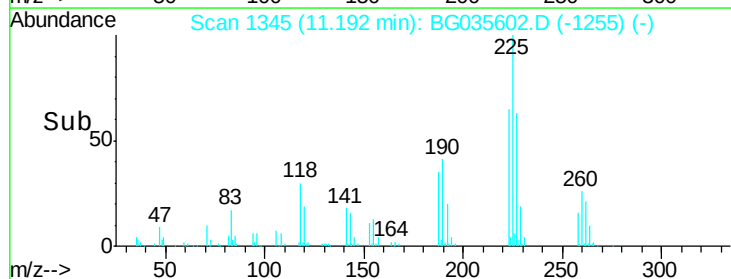
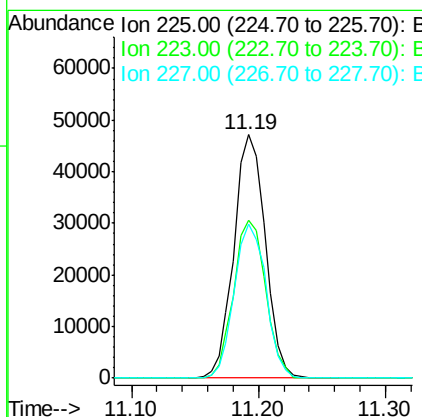
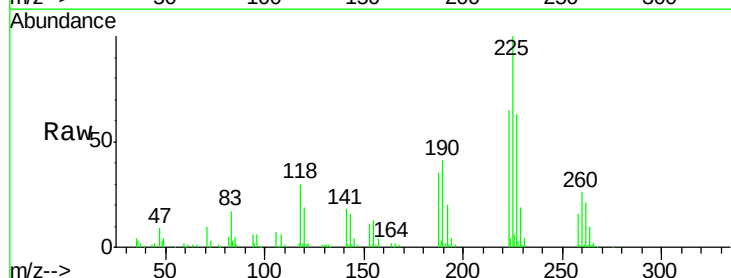
Instrument :
BNA_G
ClientSampleId :
PB110949BS

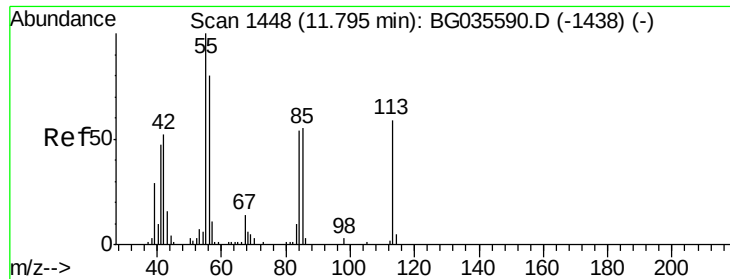
Tgt Ion:	127	Resp:	55635
Ion	Ratio	Lower	Upper
127	100		
129	32.7	24.0	36.0
65	46.0	27.0	40.4#
92	24.6	16.6	25.0



#34
Hexachlorobutadiene
Concen: 31.493 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

Tgt Ion:	225	Resp:	80920
Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.7	74.5
227	63.1	48.1	72.1





#35

Caprolactam

Concen: 22.284 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

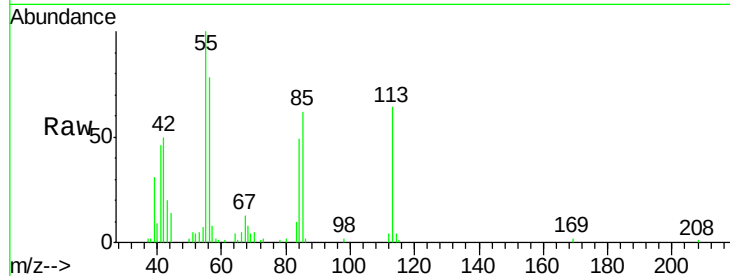
Tgt Ion:113 Resp: 25697

Ion Ratio Lower Upper

113 100

55 155.3 186.9 226.9#

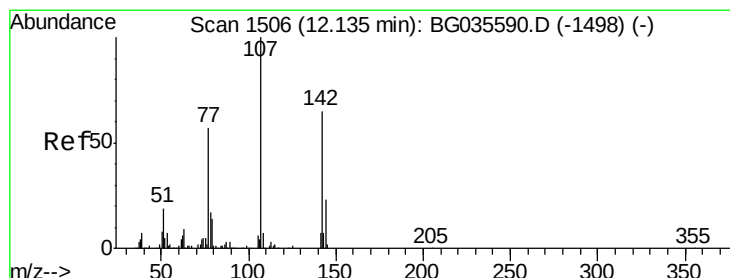
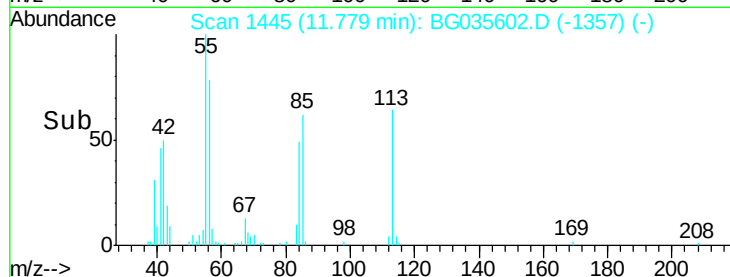
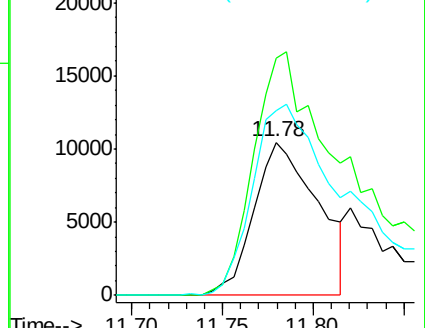
56 121.2 130.9 170.9#



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: 37.198 ng

RT: 12.13 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

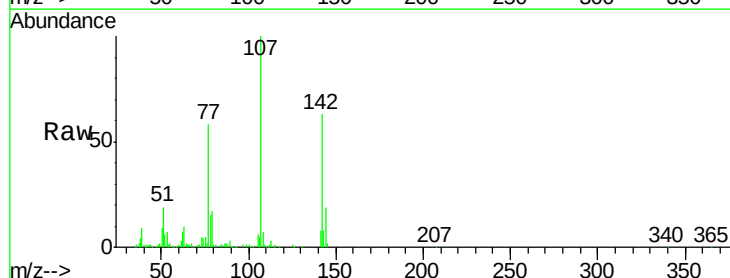
Tgt Ion:107 Resp: 133986

Ion Ratio Lower Upper

107 100

144 19.3 18.2 27.4

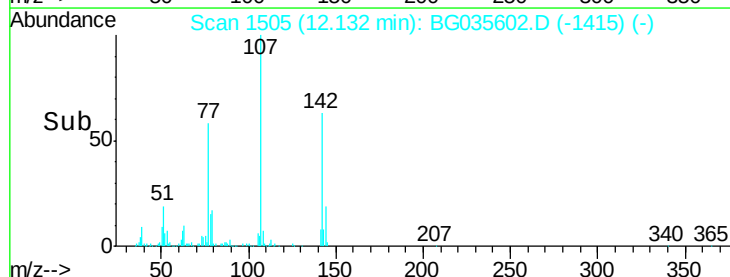
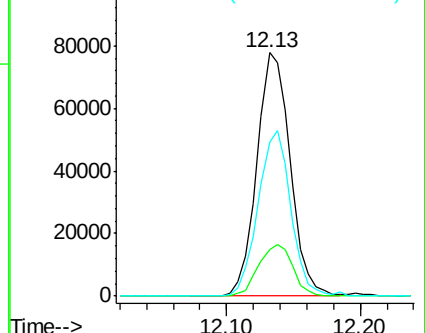
142 63.5 59.0 88.4

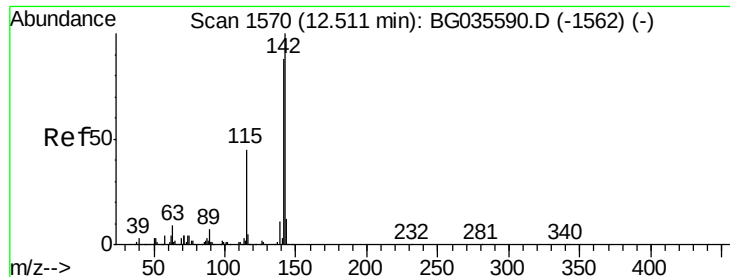


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

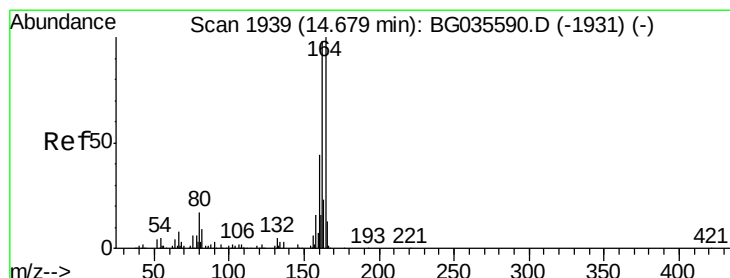
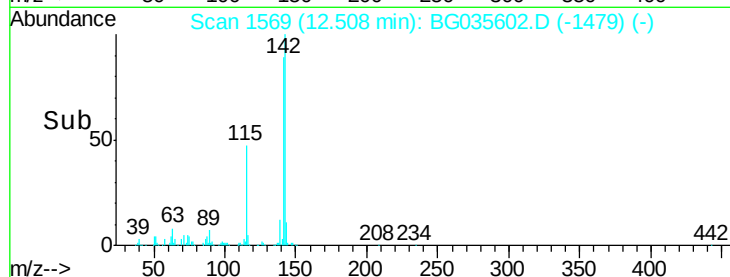
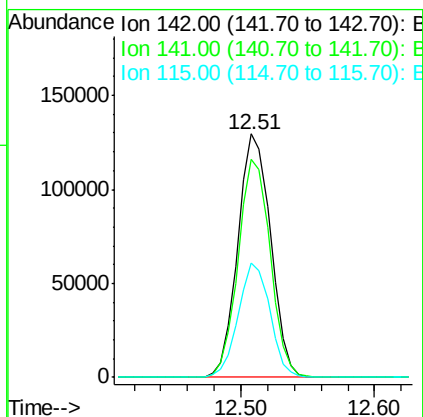
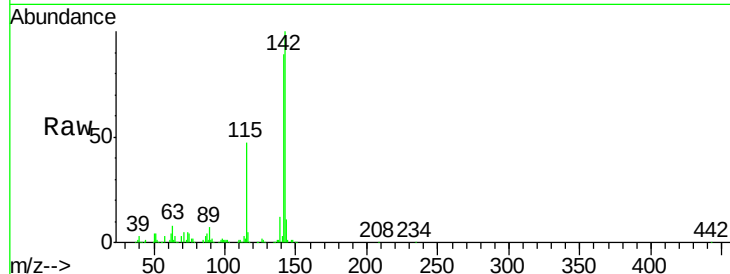




#37
 2-Methylnaphthalene
 Concen: 34.786 ng
 RT: 12.51 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

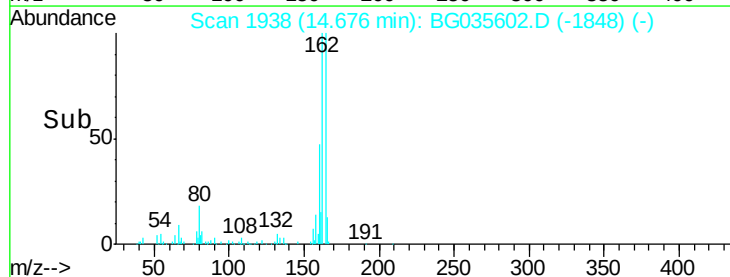
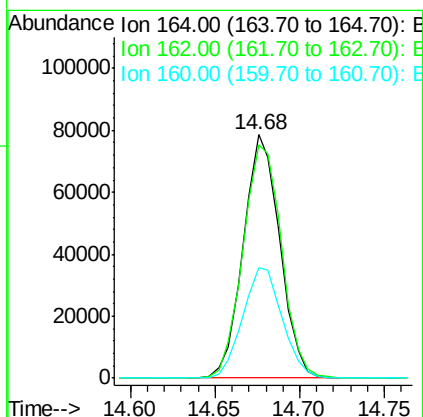
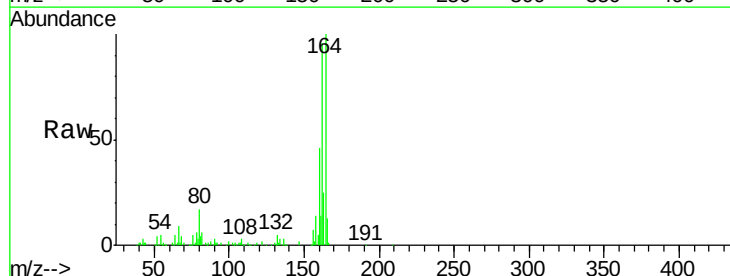
Instrument :
 BNA_G
 ClientSampleId :
 PB110949BS

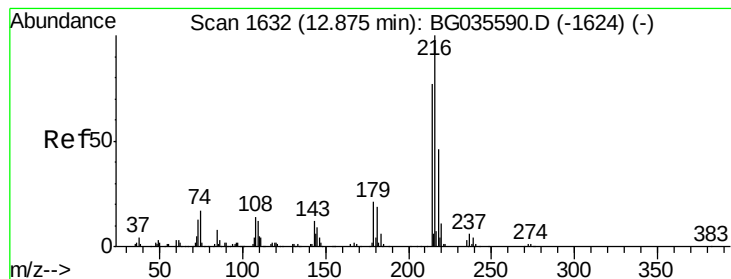
Tgt Ion:142 Resp: 219587
 Ion Ratio Lower Upper
 142 100
 141 89.3 67.1 100.7
 115 46.9 30.7 46.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

Tgt Ion:164 Resp: 118277
 Ion Ratio Lower Upper
 164 100
 162 95.8 78.8 118.2
 160 45.5 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.494 ng

RT: 12.88 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

Tgt Ion:216 Resp: 149522

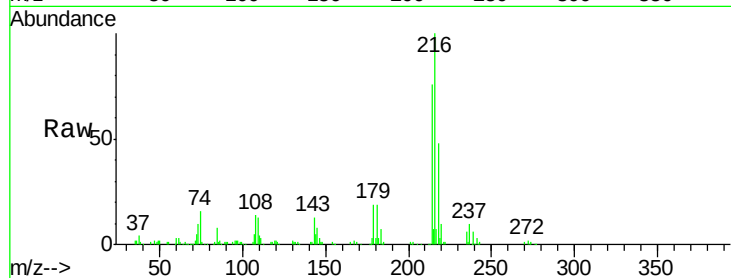
Ion Ratio Lower Upper

216 100

214 77.0 63.0 94.4

179 20.2 17.0 25.6

108 17.5 12.8 19.2

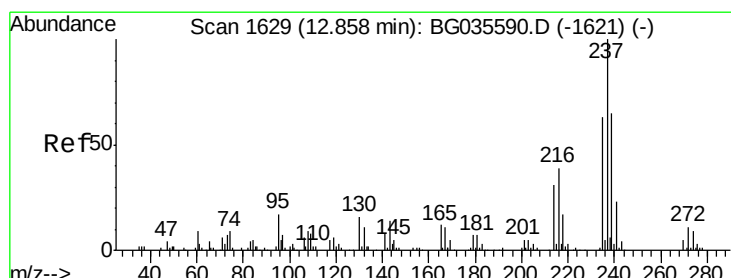
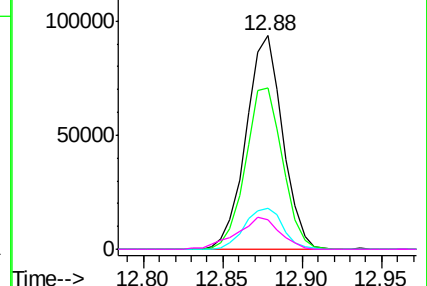
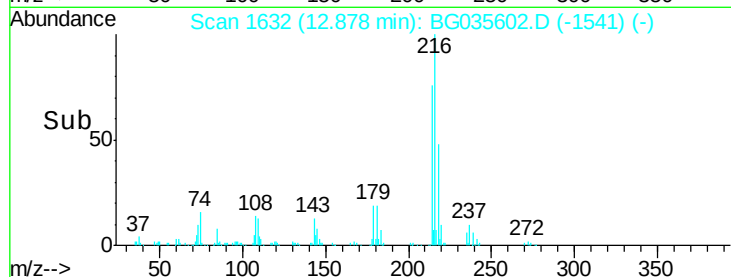


Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.728 ng

RT: 12.85 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

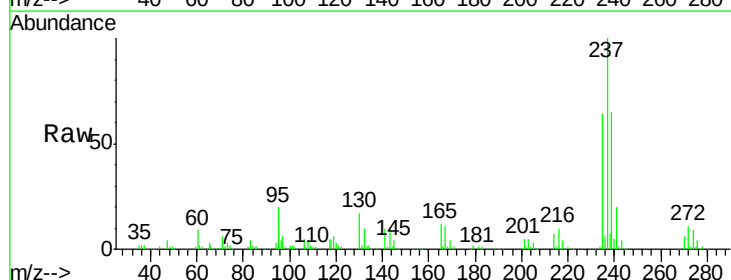
Tgt Ion:237 Resp: 196024

Ion Ratio Lower Upper

237 100

235 64.0 50.4 90.4

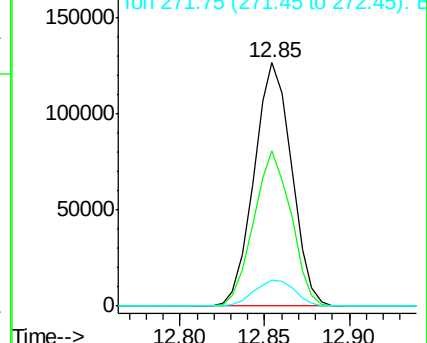
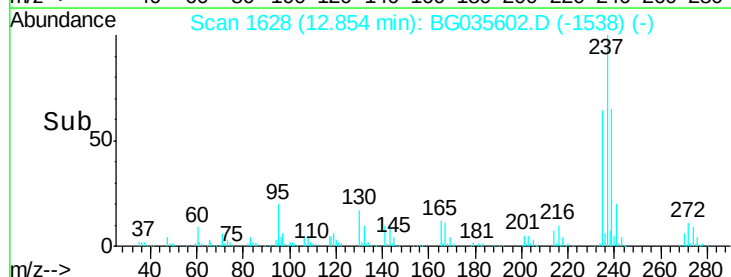
272 10.5 0.0 31.8

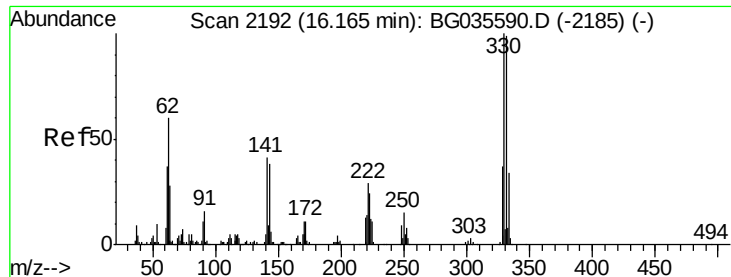


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 117.348 ng

RT: 16.17 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

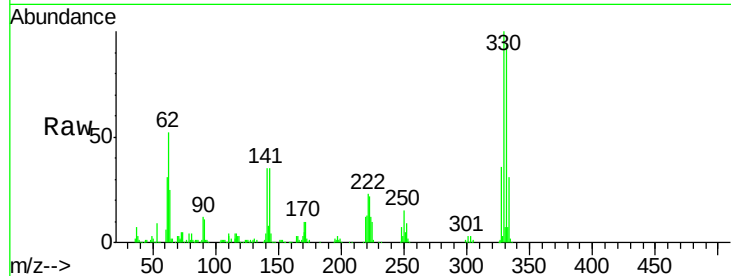
Tgt Ion:330 Resp: 182941

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

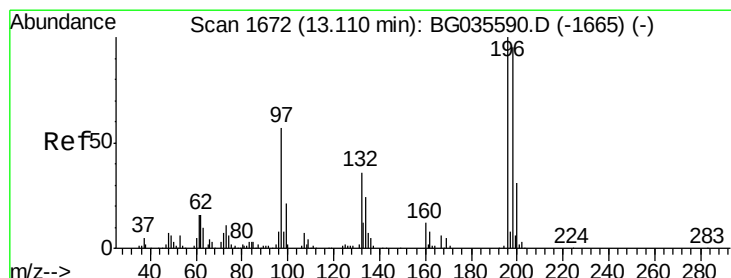
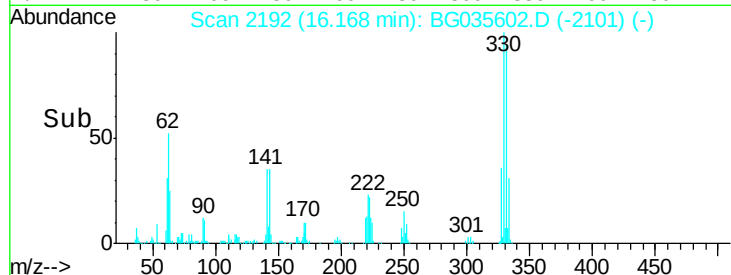
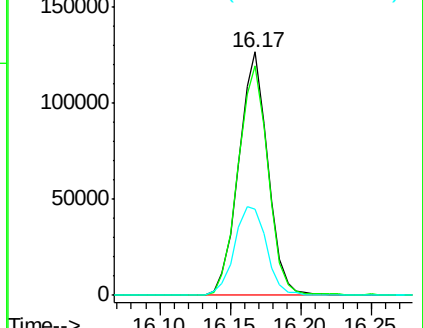
141 39.8 25.2 37.8#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 36.656 ng

RT: 13.11 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

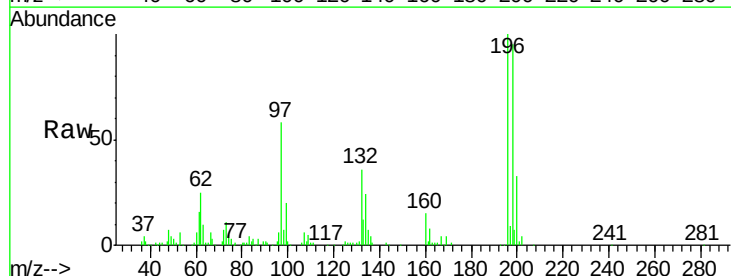
Tgt Ion:196 Resp: 95696

Ion Ratio Lower Upper

196 100

198 94.7 78.2 117.2

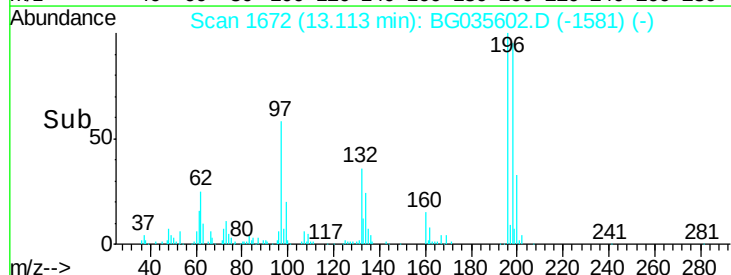
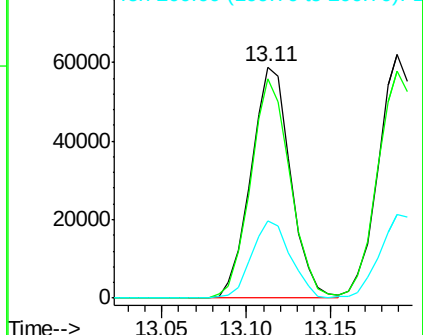
200 33.5 24.6 36.8

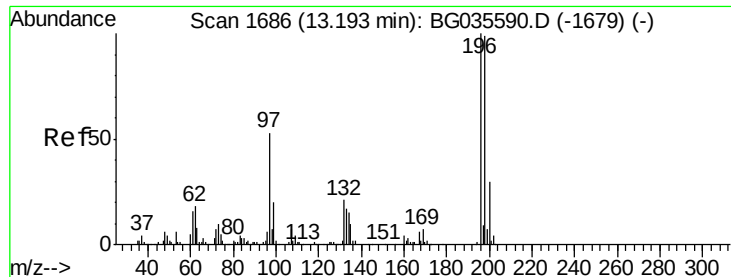


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

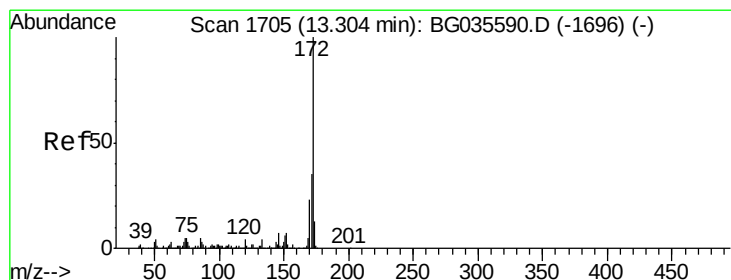
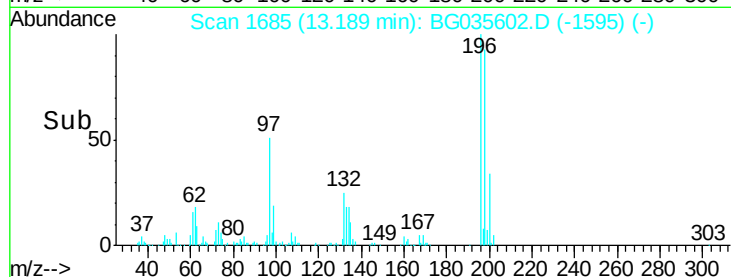
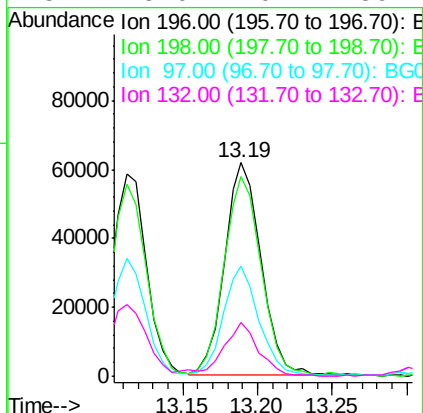
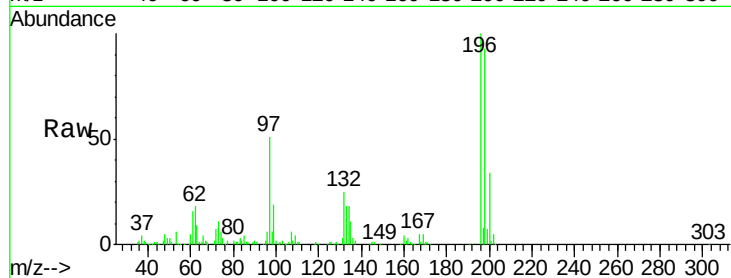




#43
 2,4,5-Trichlorophenol
 Concen: 35.794 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

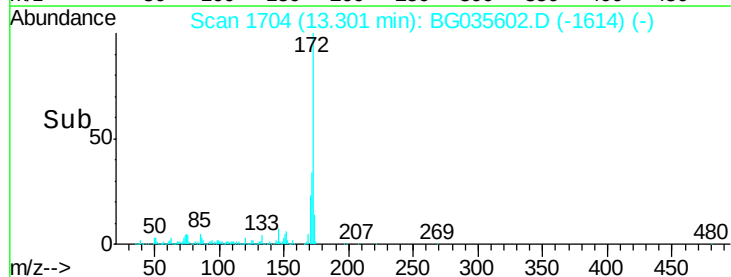
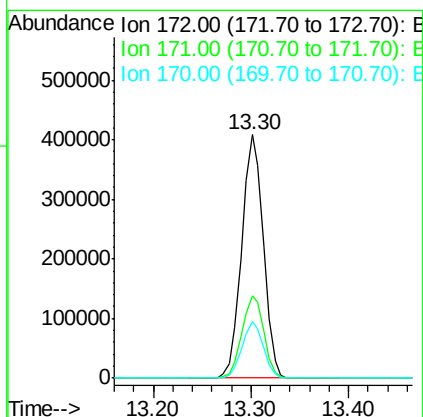
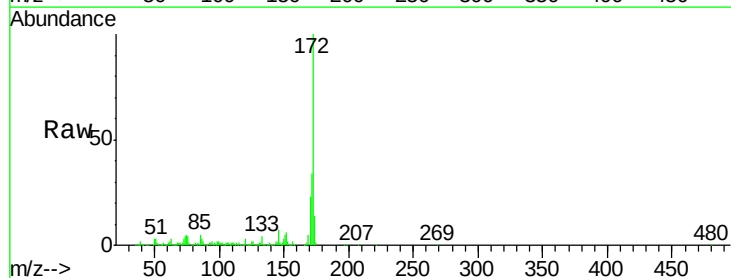
Instrument :
 BNA_G
 ClientSampleId :
 PB110949BS

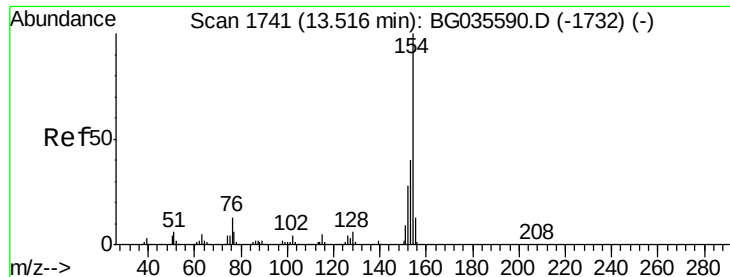
Tgt Ion:	196	Resp:	104537
Ion	Ratio	Lower	Upper
196	100		
198	93.5	76.2	114.4
97	51.4	38.7	58.1
132	25.0	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 70.717 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

Tgt Ion:	172	Resp:	624316
Ion	Ratio	Lower	Upper
172	100		
171	33.6	30.0	45.0
170	23.1	19.5	29.3

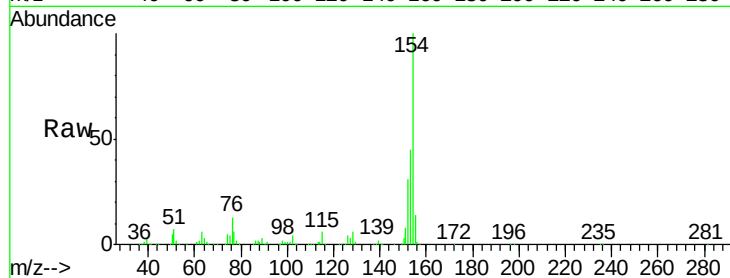




#45
 1,1'-Biphenyl
 Concen: 33.217 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

Instrument :
 BNA_G
 ClientSampleId :
 PB110949BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.5	19.8	59.8
76	13.4	0.0	31.9

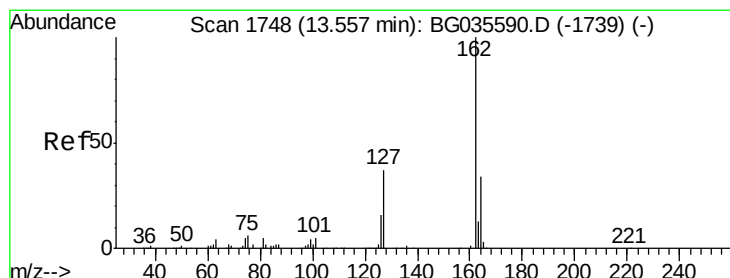
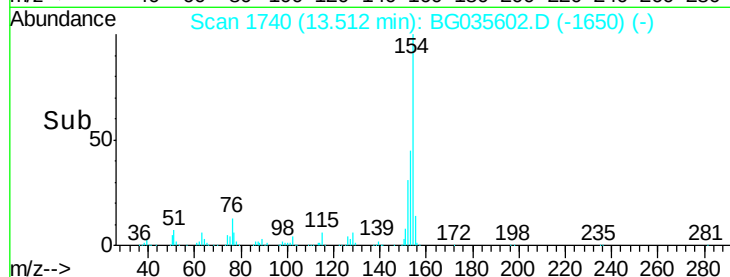
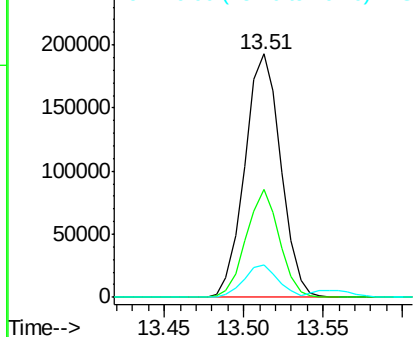


Abundance

Ion 154.00 (153.70 to 154.70): E

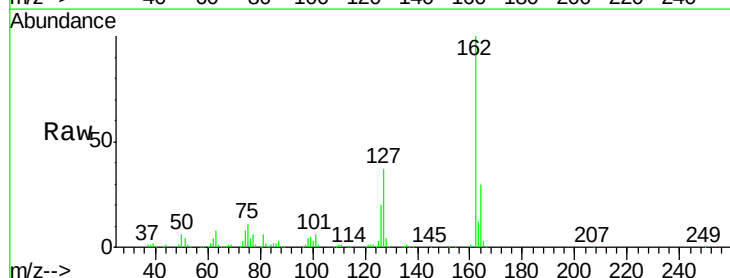
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46
 2-Chloronaphthalene
 Concen: 33.217 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.4	30.7	46.1
164	30.2	26.0	39.0

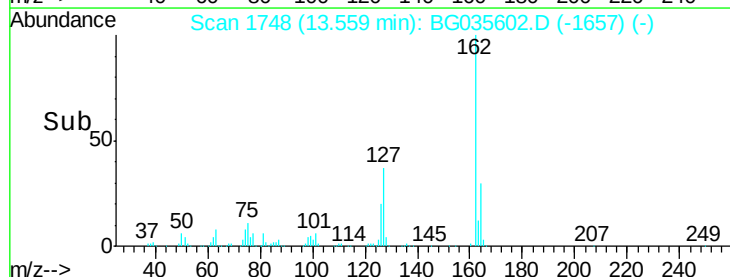
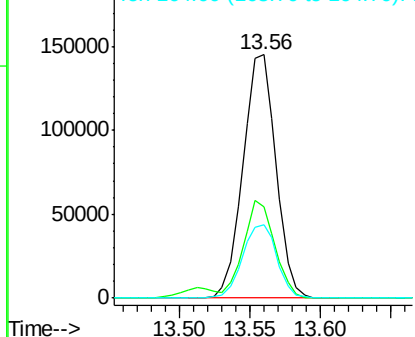


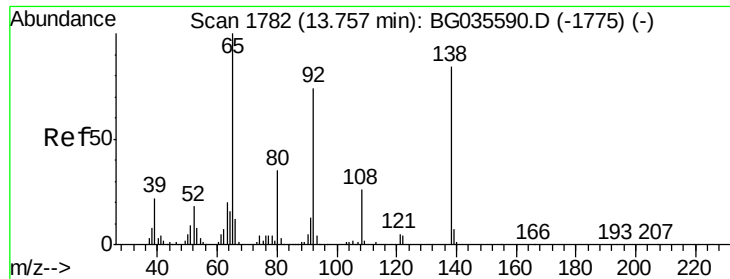
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

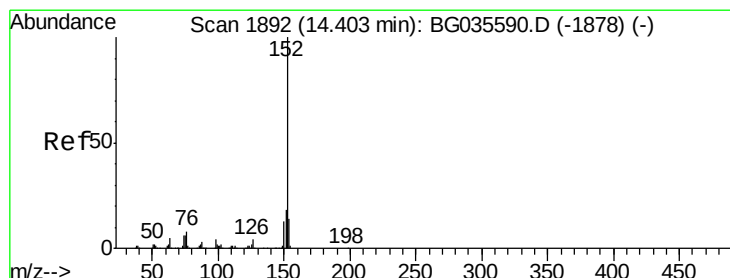
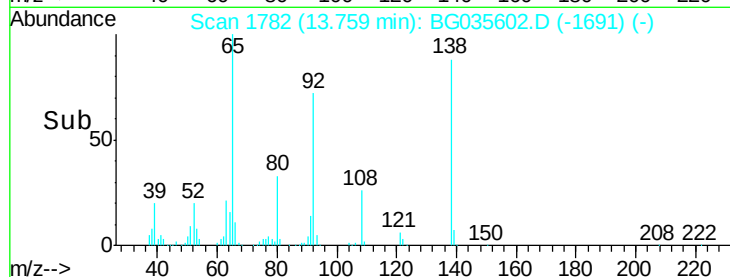
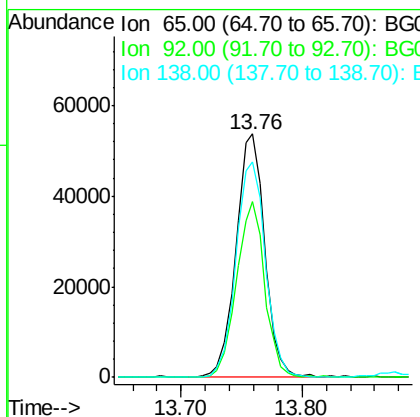
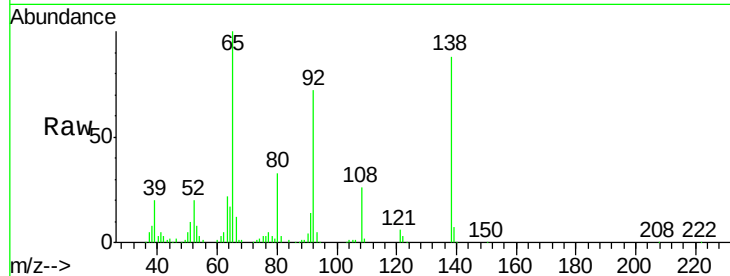




#47
 2-Nitroaniline
 Concen: 35.403 ng
 RT: 13.76 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

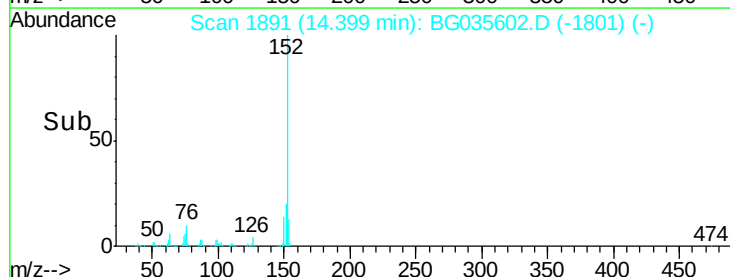
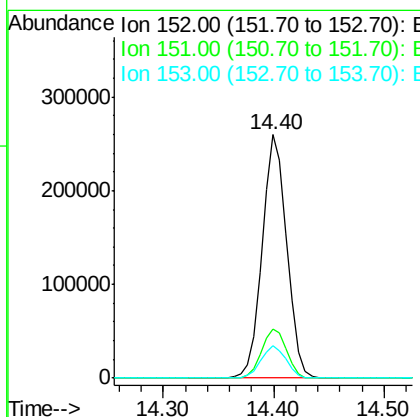
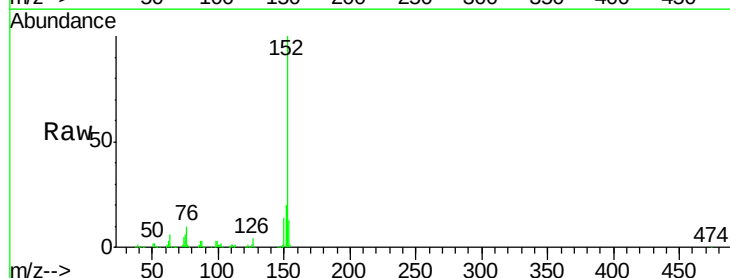
Instrument :
 BNA_G
 ClientSampleId :
 PB110949BS

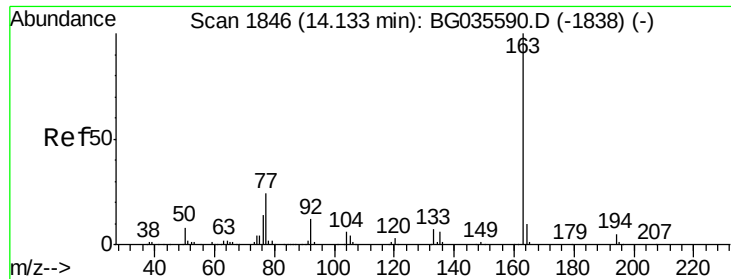
Tgt Ion: 65 Resp: 89274
 Ion Ratio Lower Upper
 65 100
 92 72.1 54.6 82.0
 138 88.5 72.9 109.3



#48
 Acenaphthylene
 Concen: 33.793 ng
 RT: 14.40 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

Tgt Ion: 152 Resp: 403768
 Ion Ratio Lower Upper
 152 100
 151 20.1 17.2 25.8
 153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 32.796 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

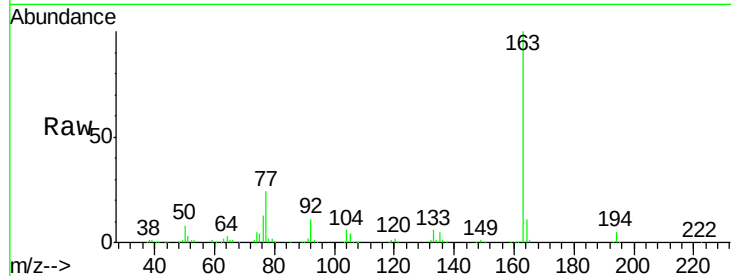
Tgt Ion:163 Resp: 339861

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

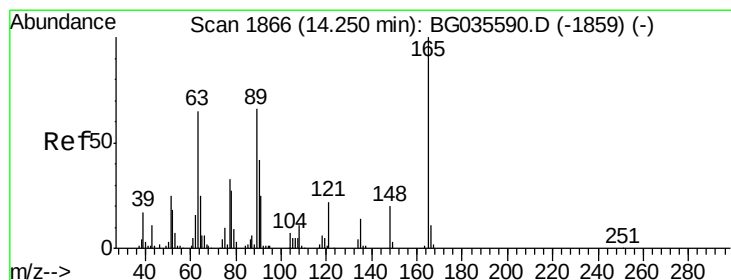
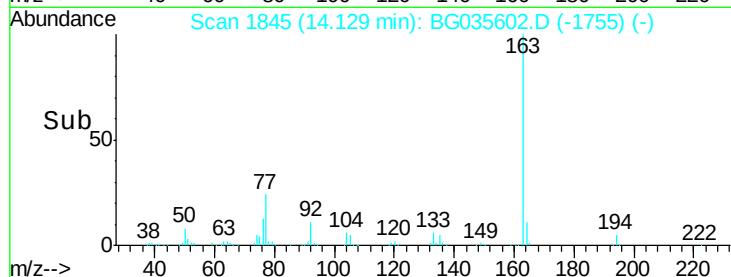
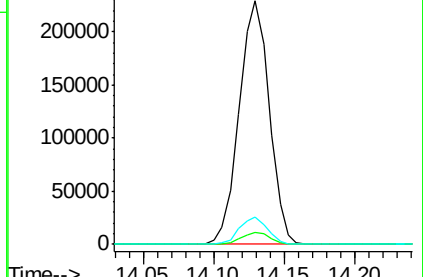
164 11.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.110 ng

RT: 14.25 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

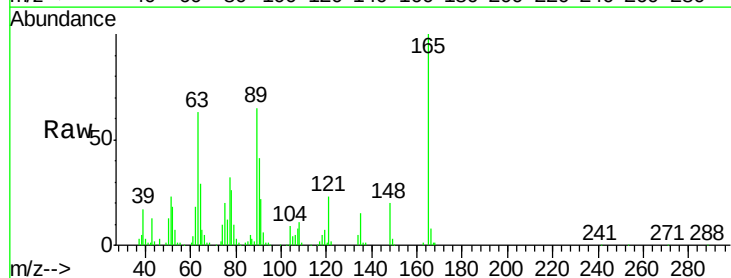
Tgt Ion:165 Resp: 76202

Ion Ratio Lower Upper

165 100

63 62.5 52.7 79.1

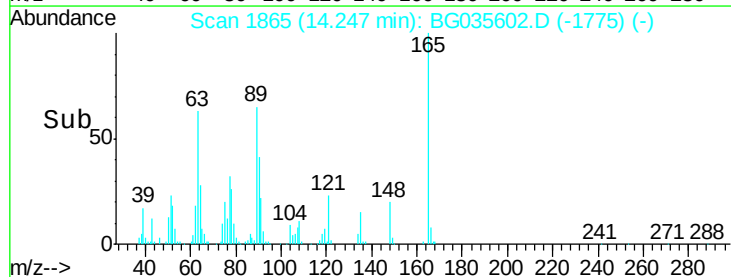
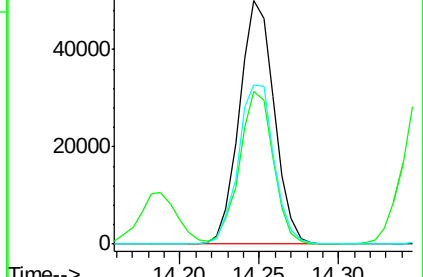
89 65.3 49.2 73.8

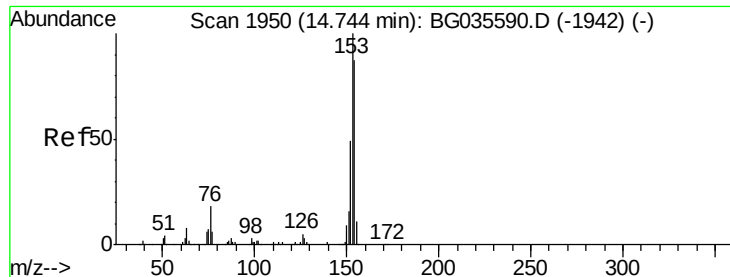


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 31.527 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

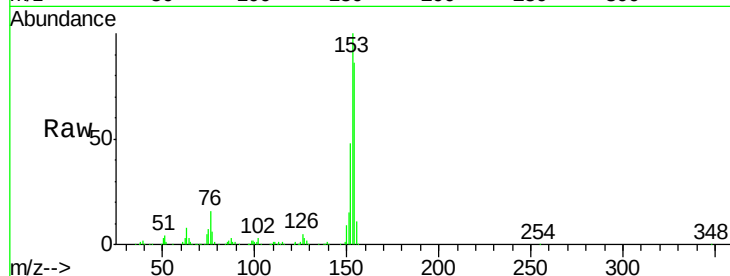
Tgt Ion:154 Resp: 234656

Ion Ratio Lower Upper

154 100

153 116.2 90.4 135.6

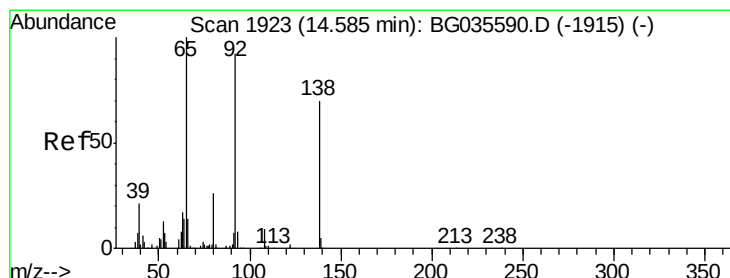
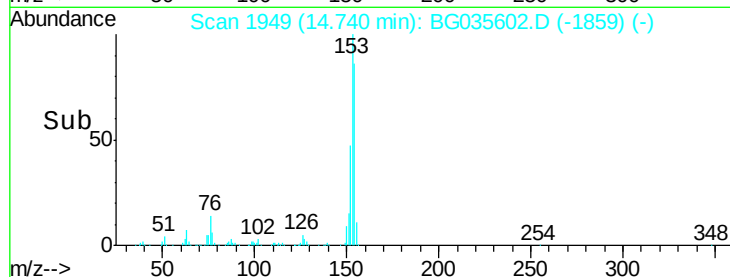
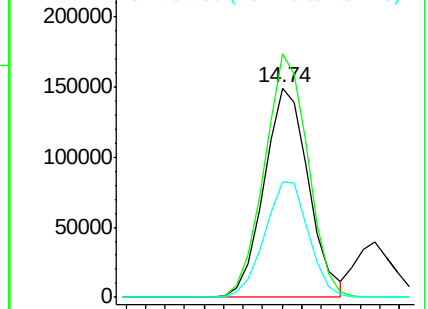
152 55.4 41.6 62.4



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: 18.211 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

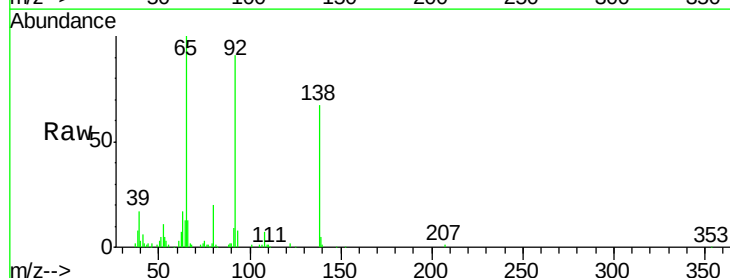
Tgt Ion:138 Resp: 39279

Ion Ratio Lower Upper

138 100

108 10.4 17.5 26.3#

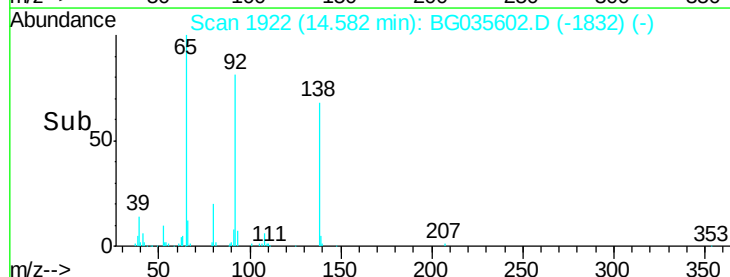
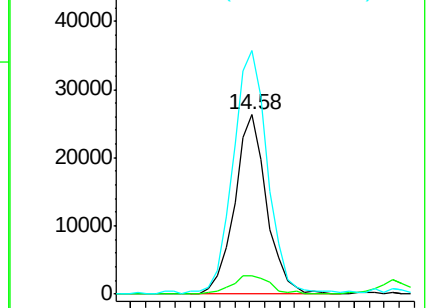
92 135.7 105.8 158.8

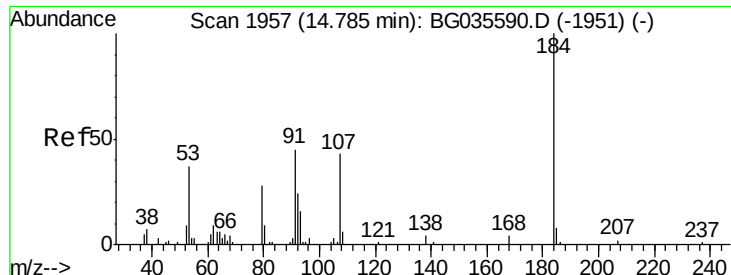


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 73.989 ng

RT: 14.79 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

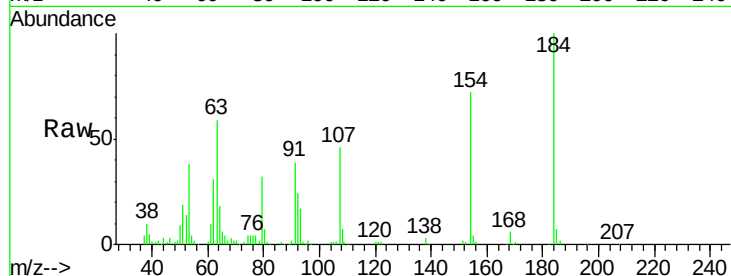
Tgt Ion:184 Resp: 79706

Ion Ratio Lower Upper

184 100

63 59.0 59.8 89.8#

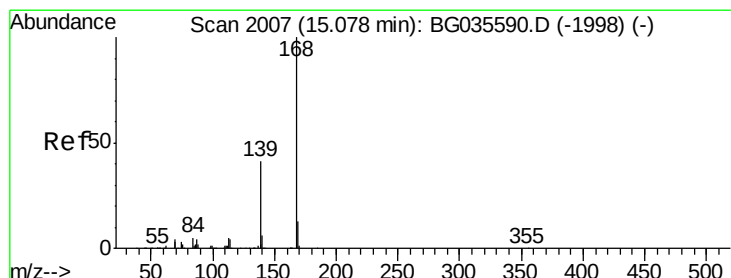
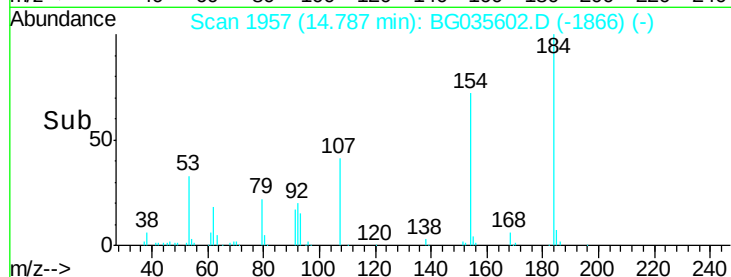
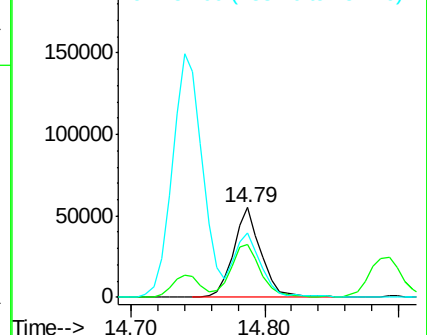
154 72.1 101.8 152.8#



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: 33.431 ng

RT: 15.08 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

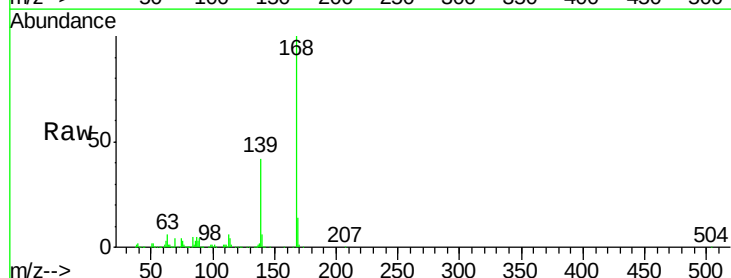
Tgt Ion:168 Resp: 395732

Ion Ratio Lower Upper

168 100

139 42.2 28.6 43.0

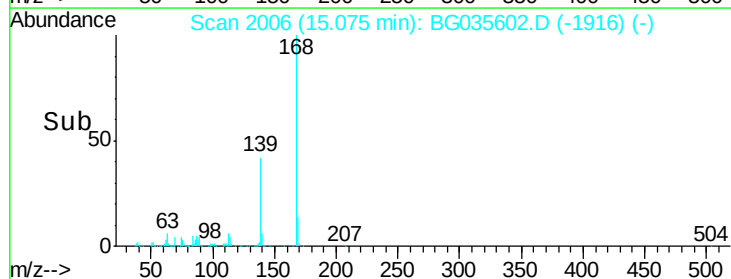
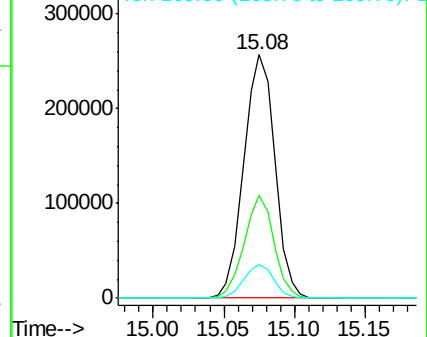
169 13.8 11.2 16.8

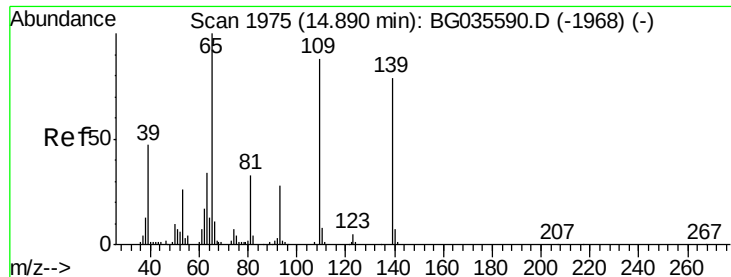


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 73.527 ng

RT: 14.89 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

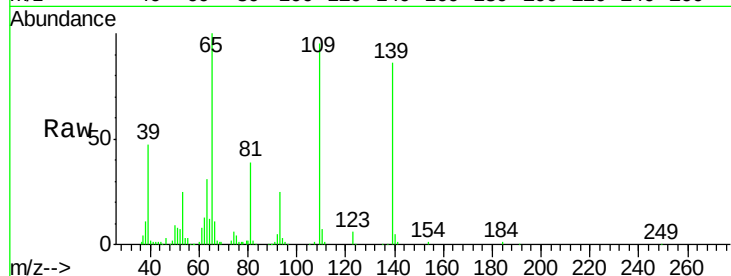
Tgt Ion:139 Resp: 112939

Ion Ratio Lower Upper

139 100

109 110.7 62.2 102.2#

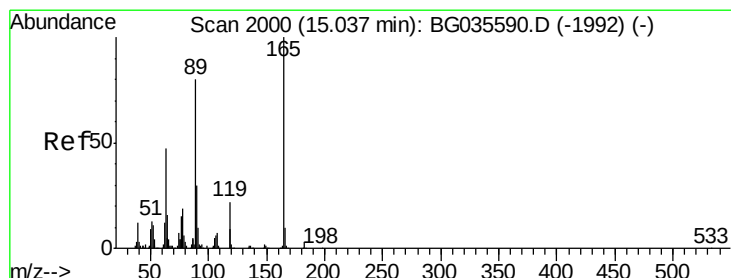
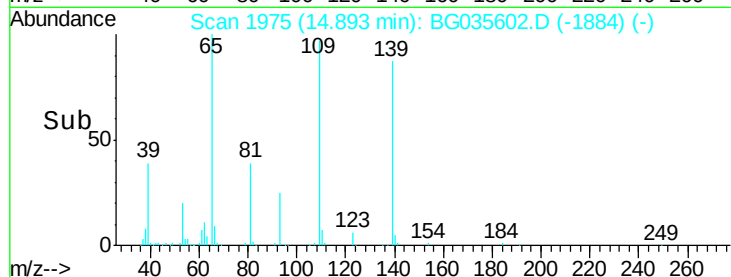
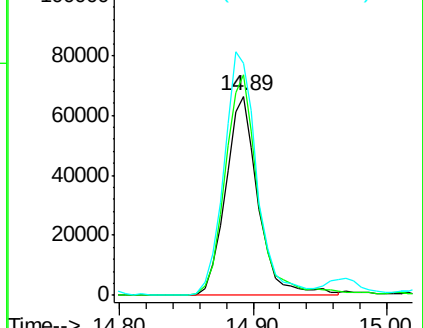
65 116.2 97.2 137.2



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: 36.264 ng

RT: 15.03 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Tgt Ion:165 Resp: 109786

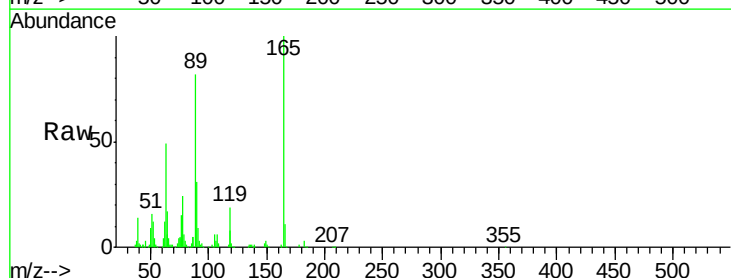
Ion Ratio Lower Upper

165 100

63 48.9 42.0 63.0

89 81.8 66.9 100.3

182 3.2 2.6 3.8

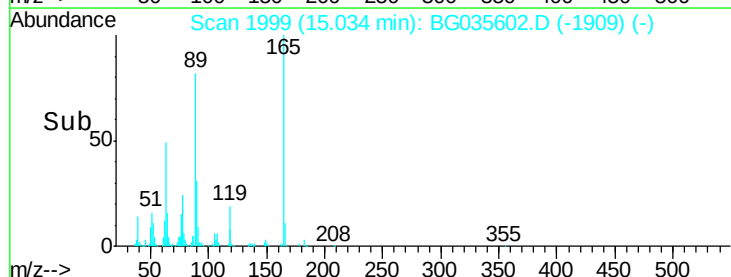
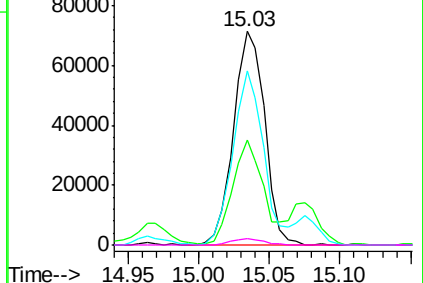


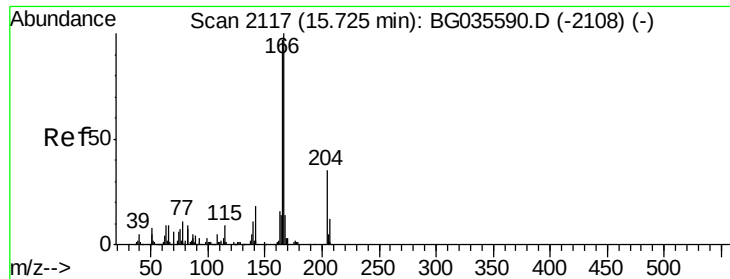
Abundance Ion 165.00 (164.70 to 165.70): E

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: 33.455 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

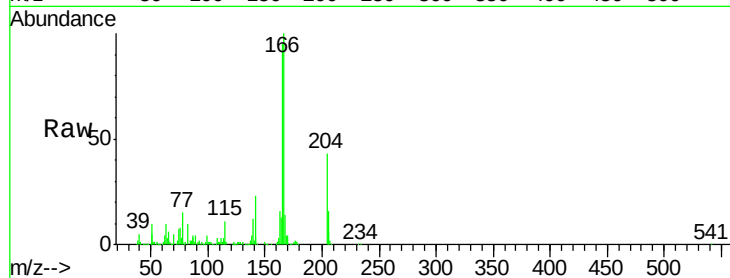
Tgt Ion:166 Resp: 331918

Ion Ratio Lower Upper

166 100

165 94.5 80.6 121.0

167 13.6 10.4 15.6

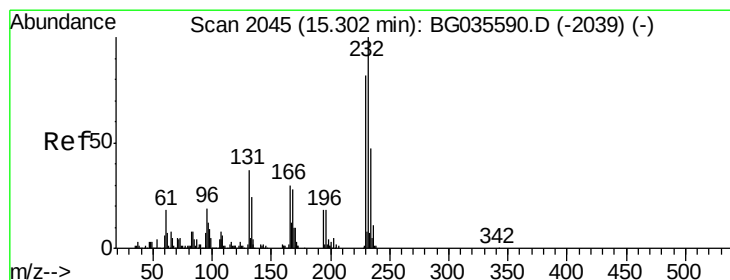
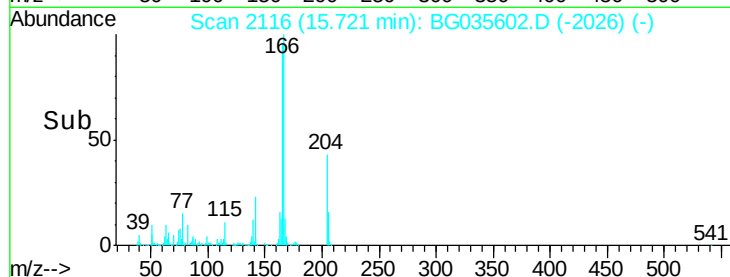
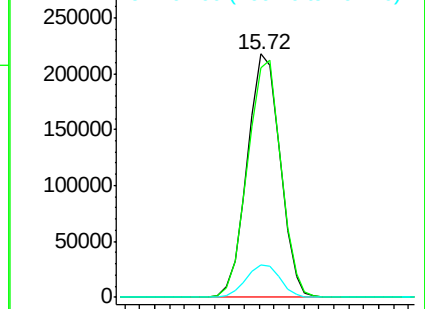


Abundance

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: 37.128 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Tgt Ion:232 Resp: 103965

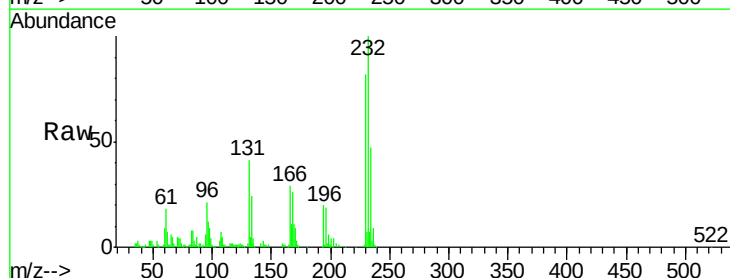
Ion Ratio Lower Upper

232 100

131 40.5 33.5 50.3

130 2.7 2.2 3.2

166 30.3 24.8 37.2



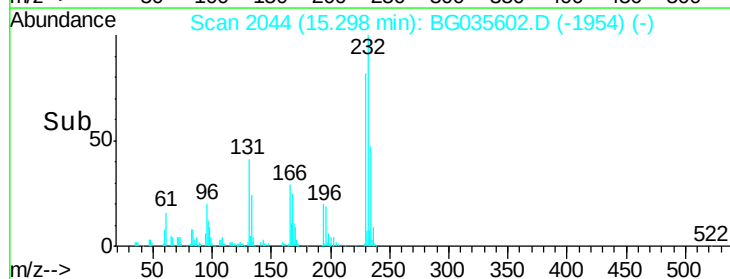
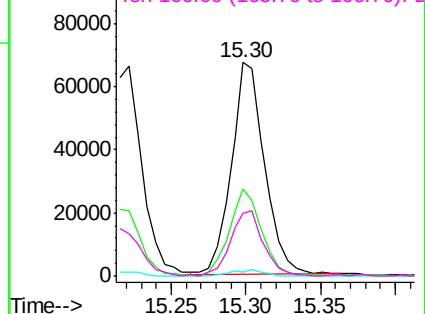
Abundance

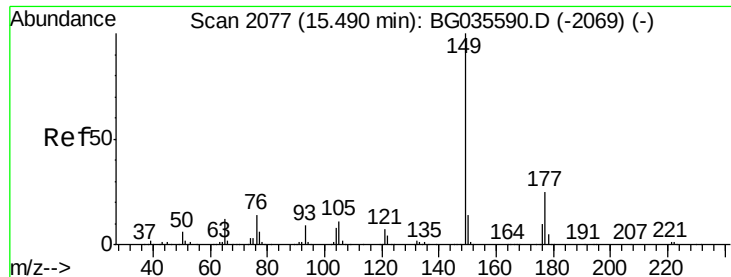
Ion 232.00 (231.70 to 232.70): E

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

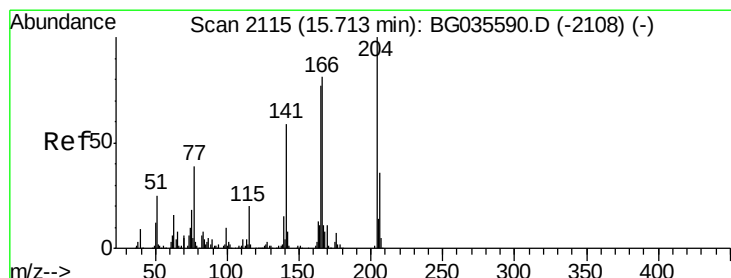
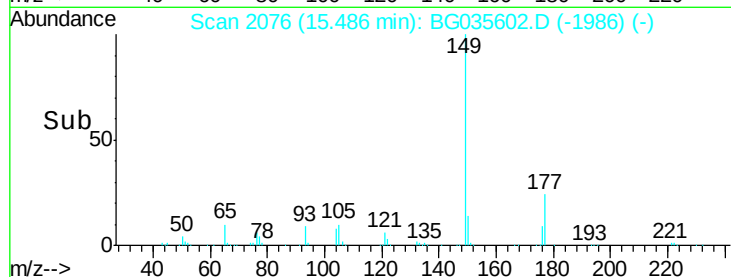
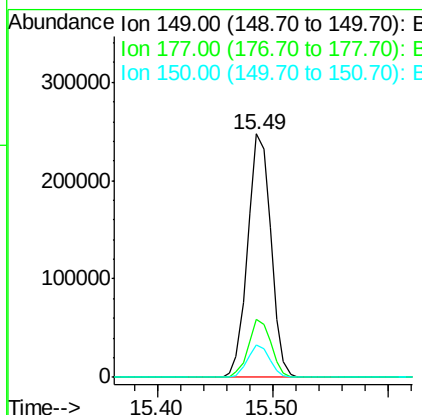
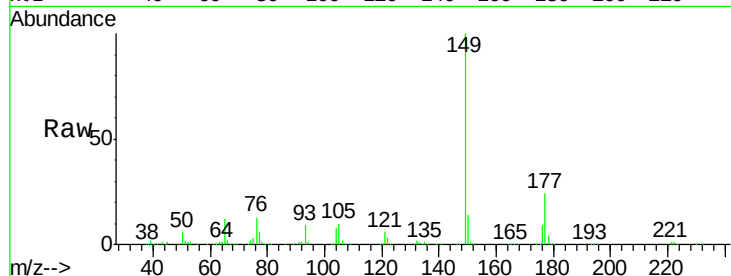




#59
Diethylphthalate
Concen: 32.437 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

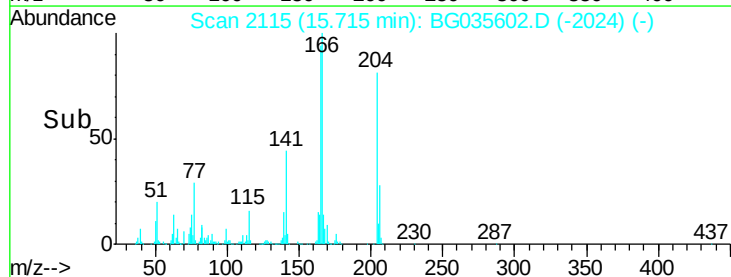
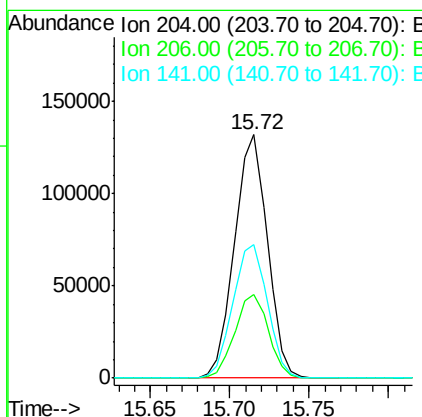
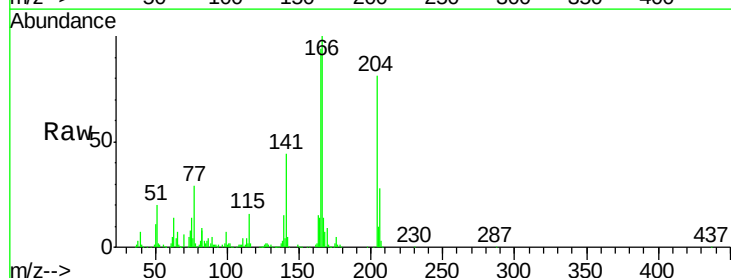
Instrument :
BNA_G
ClientSampleId :
PB110949BS

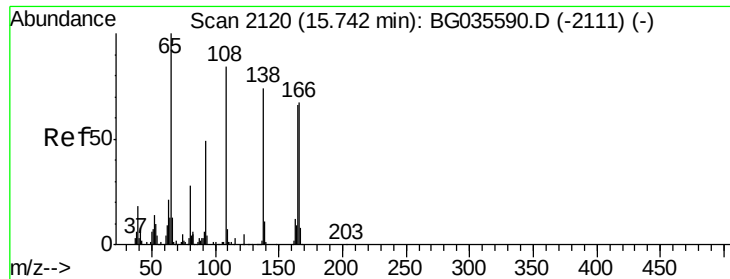
Tgt Ion:149 Resp: 345636
Ion Ratio Lower Upper
149 100
177 23.9 18.5 27.7
150 13.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 32.529 ng
RT: 15.72 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

Tgt Ion:204 Resp: 189681
Ion Ratio Lower Upper
204 100
206 34.5 26.2 39.2
141 54.8 45.8 68.6

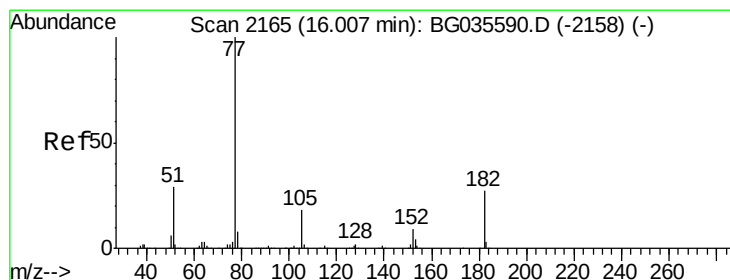
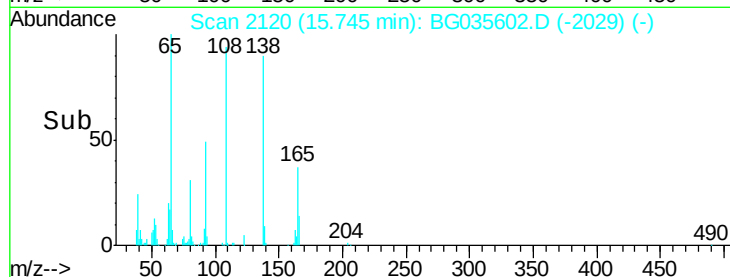
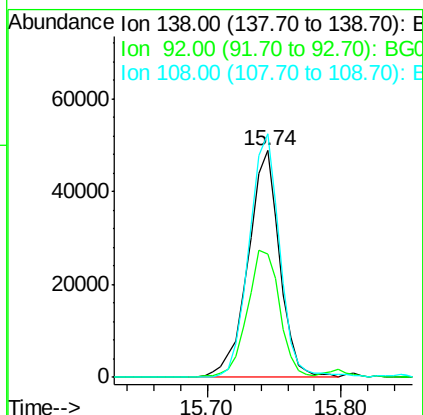
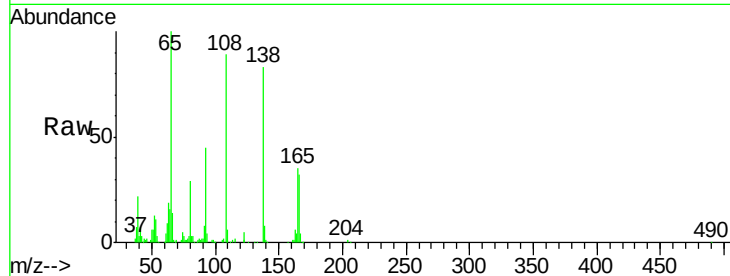




#61
4-Nitroaniline
Concen: 35.093 ng
RT: 15.74 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

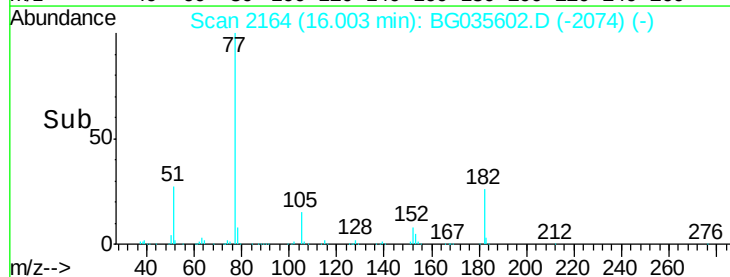
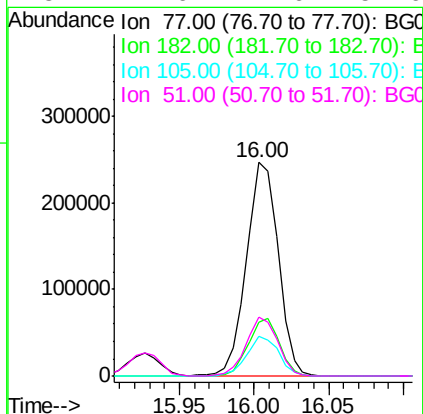
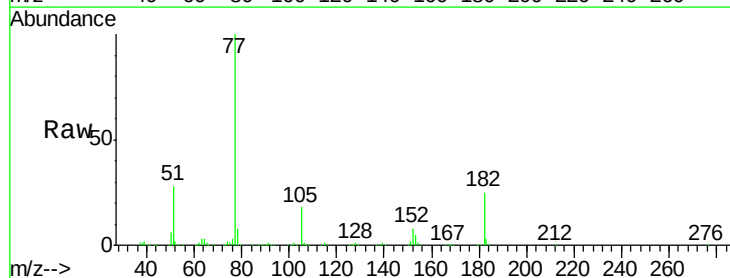
Instrument :
BNA_G
ClientSampleId :
PB110949BS

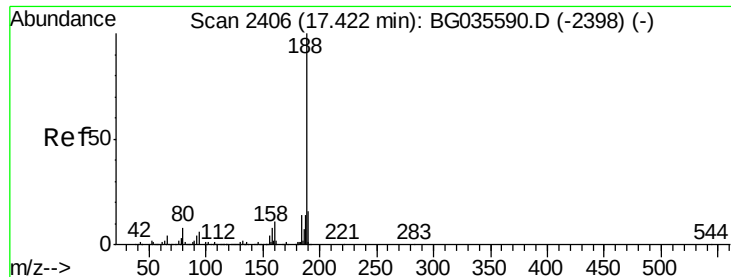
Tgt Ion:138 Resp: 79175
Ion Ratio Lower Upper
138 100
92 54.4 40.1 80.1
108 107.3 65.4 105.4#



#62
Azobenzene
Concen: 34.500 ng
RT: 16.00 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

Tgt Ion: 77 Resp: 362620
Ion Ratio Lower Upper
77 100
182 25.5 7.4 47.4
105 18.4 0.3 40.3
51 27.6 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

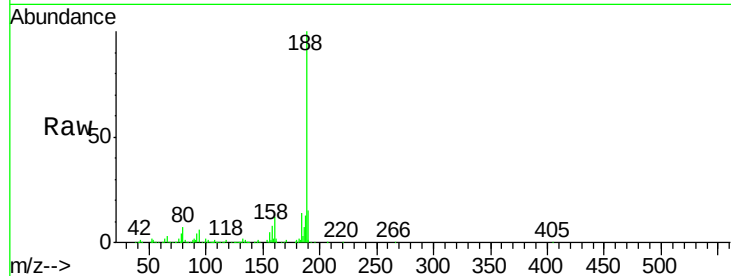
Tgt Ion:188 Resp: 319332

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

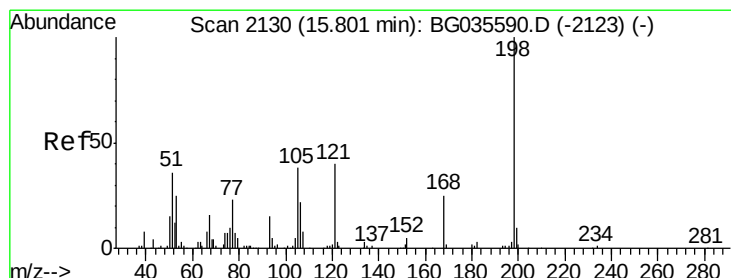
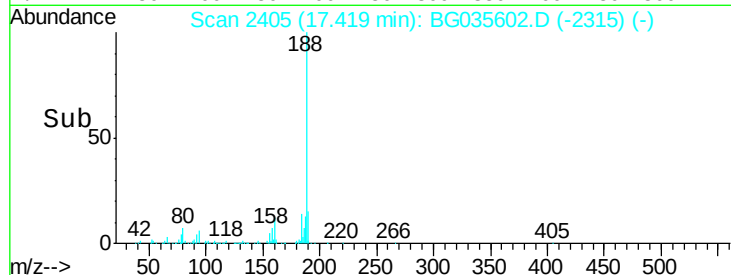
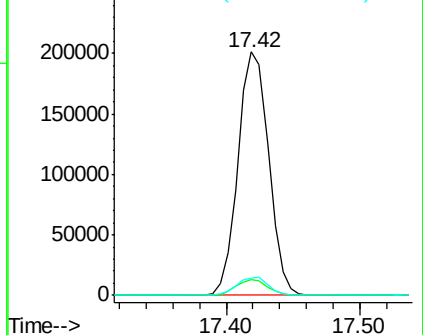
80 6.8 7.7 11.5#



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: 32.878 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

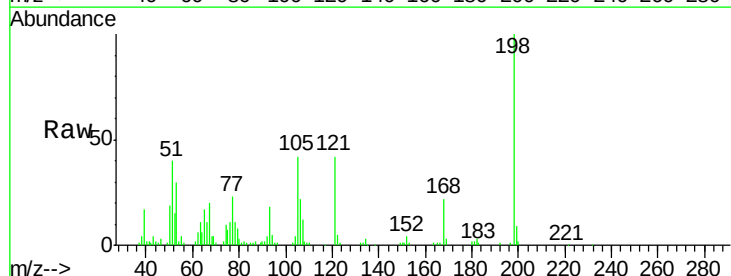
Tgt Ion:198 Resp: 58445

Ion Ratio Lower Upper

198 100

51 40.4 30.6 70.6

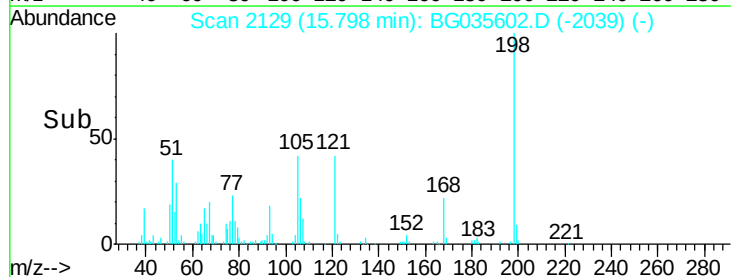
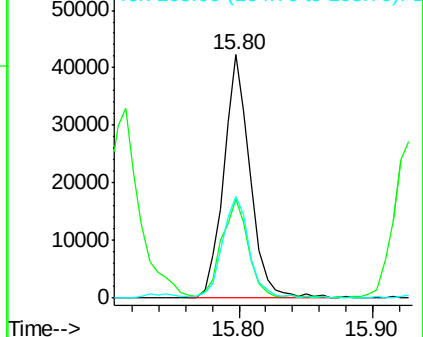
105 41.9 23.8 63.8

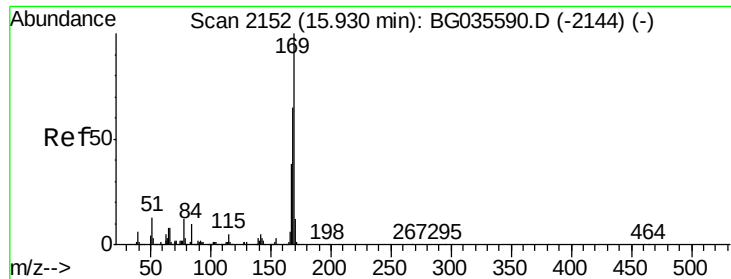


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

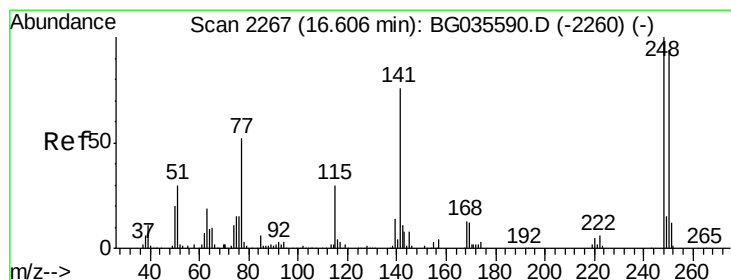
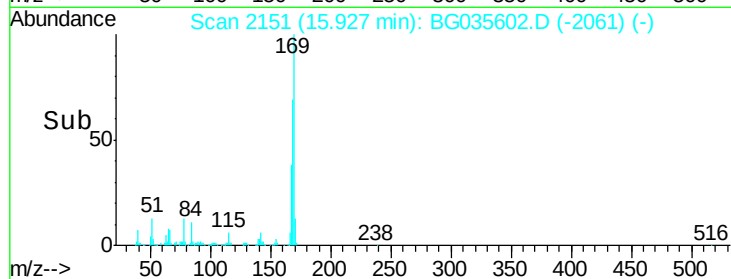
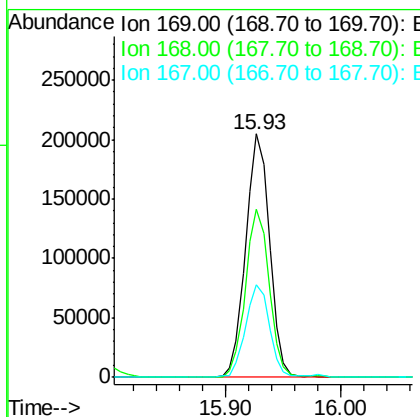
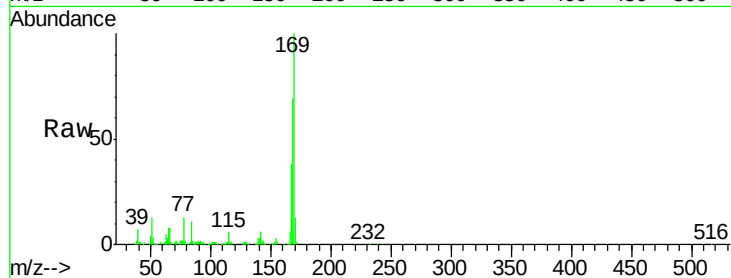




#65
 n-Nitrosodiphenylamine
 Concen: 32.390 ng
 RT: 15.93 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

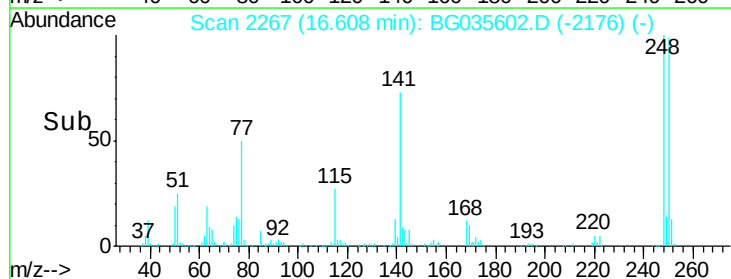
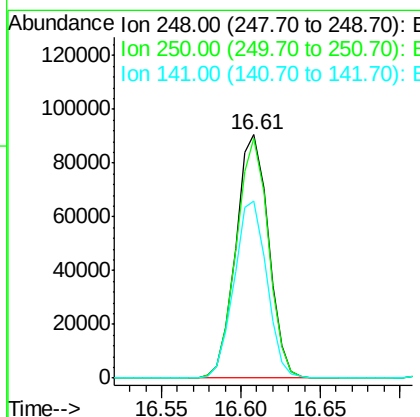
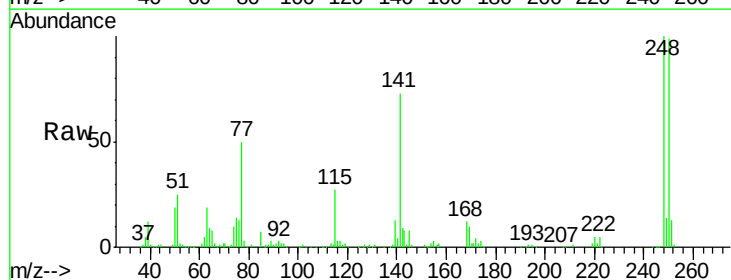
Instrument :
 BNA_G
 ClientSampleId :
 PB110949BS

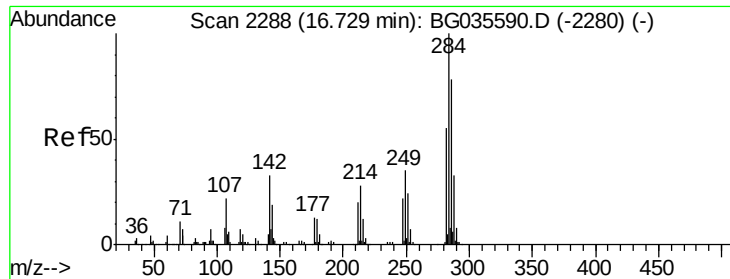
Tgt Ion:169 Resp: 294408
 Ion Ratio Lower Upper
 169 100
 168 69.1 55.7 83.5
 167 37.9 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 34.946 ng
 RT: 16.61 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

Tgt Ion:248 Resp: 129467
 Ion Ratio Lower Upper
 248 100
 250 98.6 77.1 115.7
 141 72.6 50.8 76.2





#67

Hexachlorobenzene

Concen: 33.643 ng

RT: 16.73 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

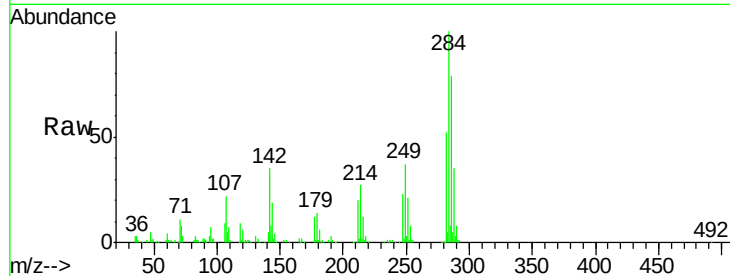
Tgt Ion:284 Resp: 128357

Ion Ratio Lower Upper

284 100

142 35.3 26.8 40.2

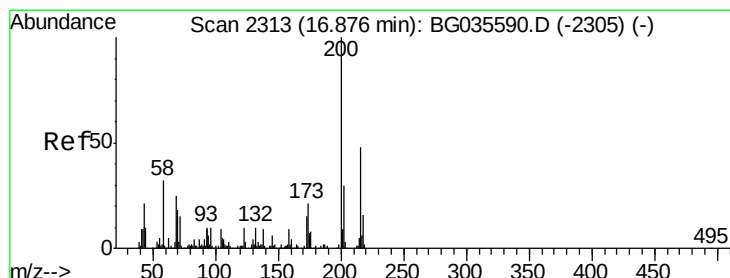
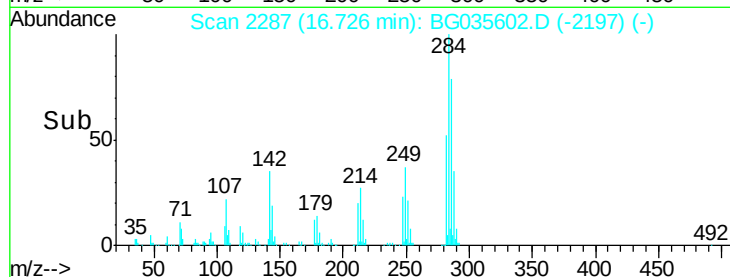
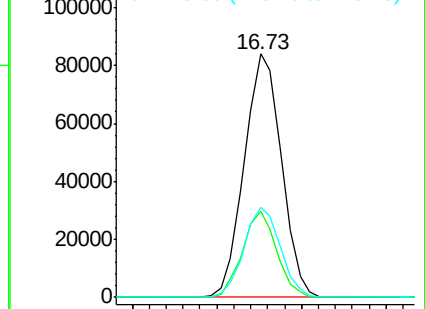
249 36.8 26.3 39.5



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: 36.875 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

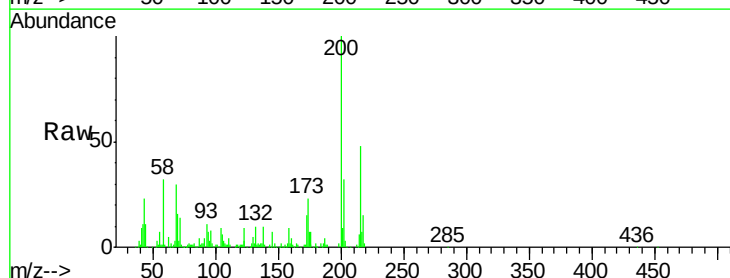
Tgt Ion:200 Resp: 138000

Ion Ratio Lower Upper

200 100

173 22.8 5.2 45.2

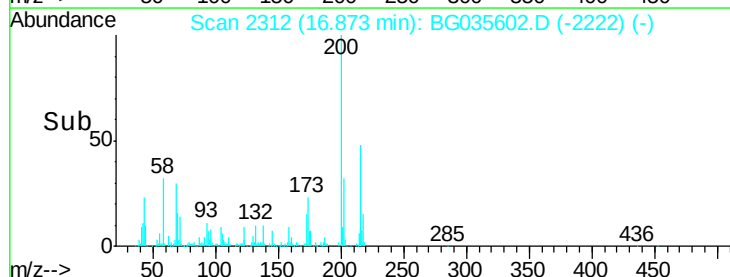
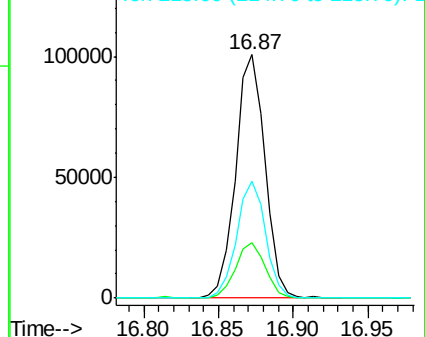
215 47.8 30.4 70.4

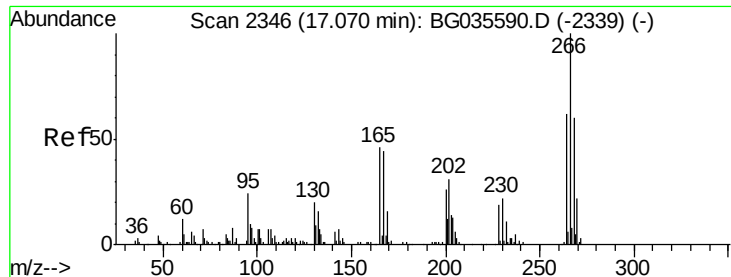


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

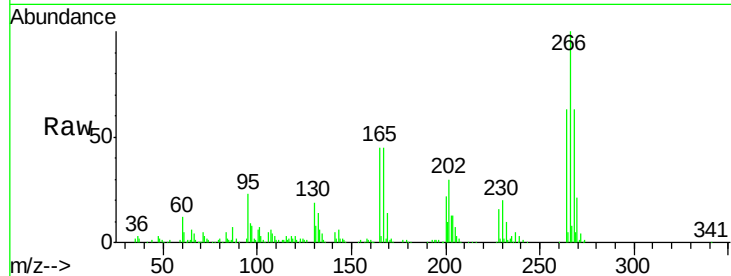




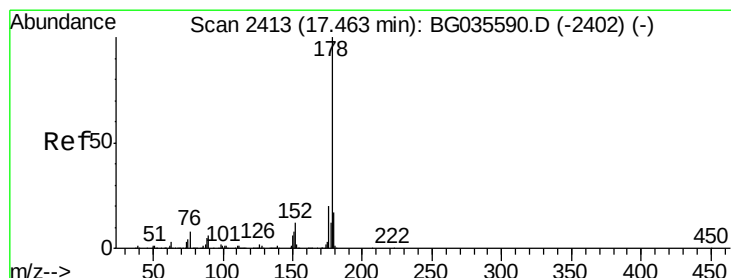
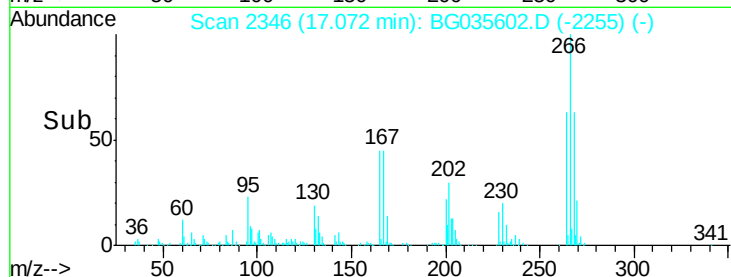
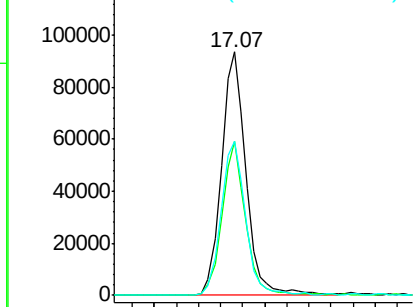
#69
 Pentachlorophenol
 Concen: 62.272 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

Instrument :
 BNA_G
 ClientSampleId :
 PB110949BS

Tgt Ion:266 Resp: 144709
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 63.2 49.6 74.4

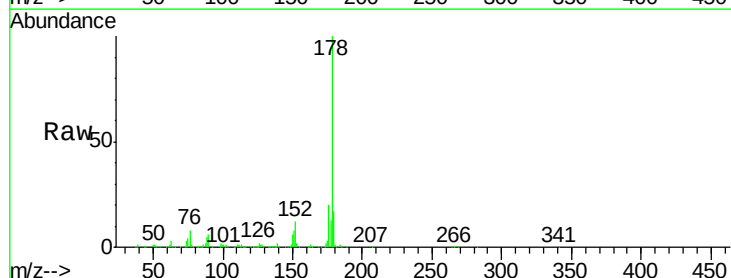


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

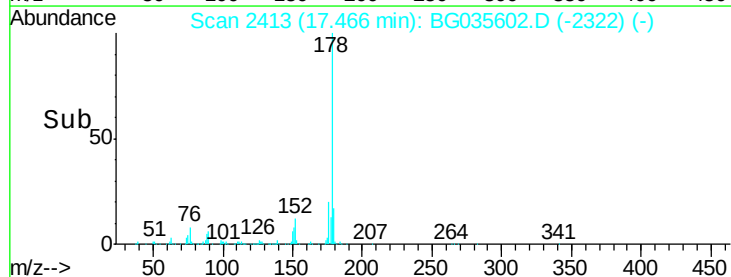
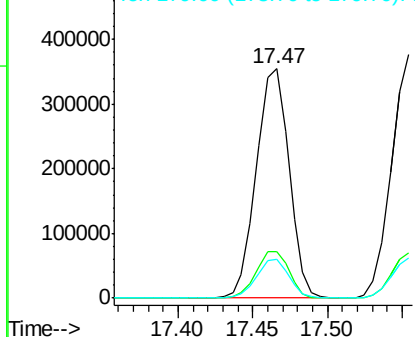


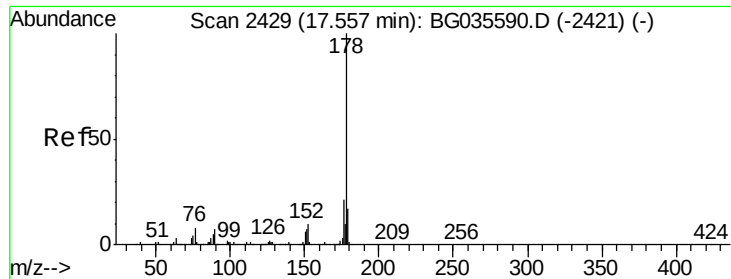
#70
 Phenanthrene
 Concen: 33.788 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

Tgt Ion:178 Resp: 538376
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.7 23.5
 179 16.9 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

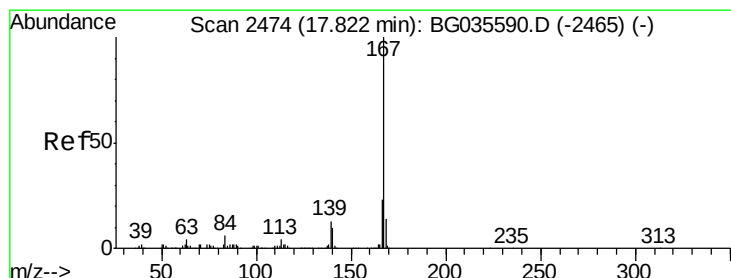
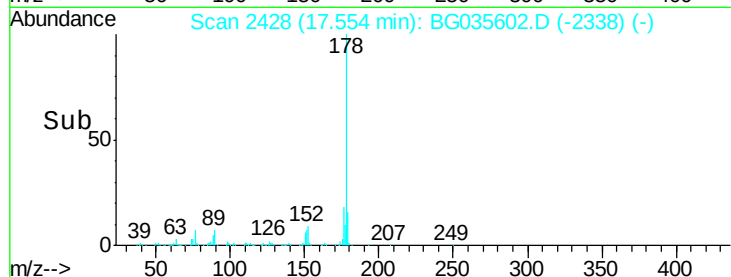
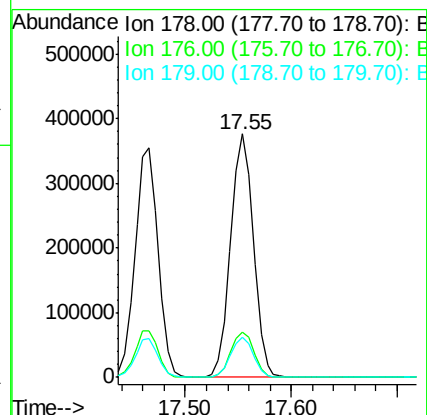
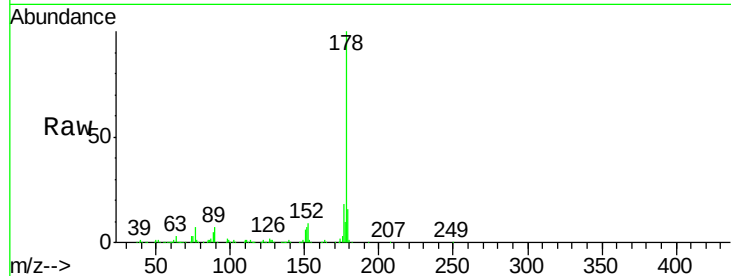




#71
 Anthracene
 Concen: 35.410 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

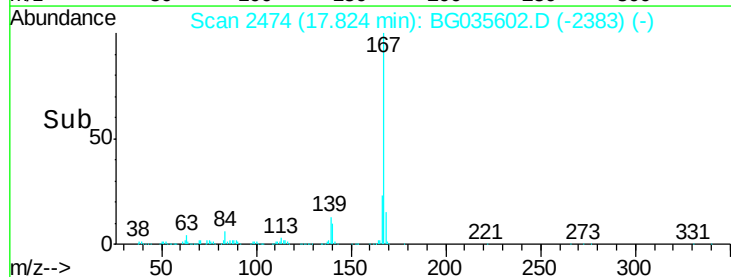
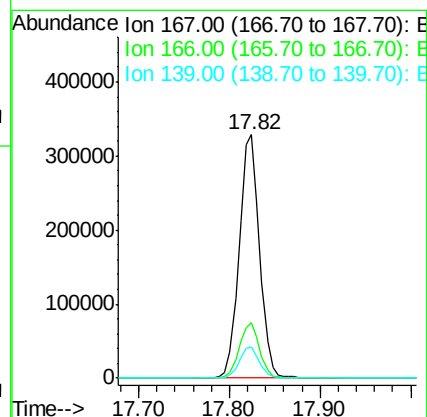
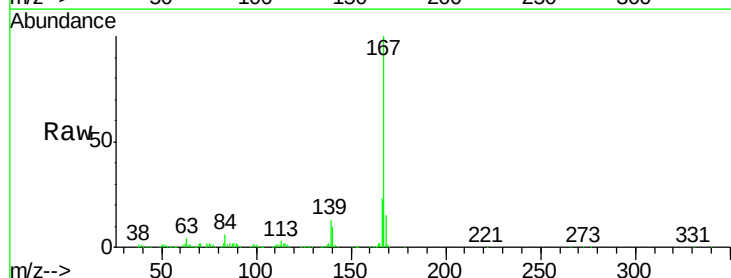
Instrument :
 BNA_G
 ClientSampleId :
 PB110949BS

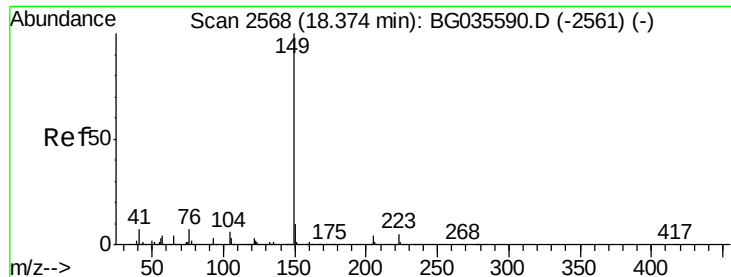
Tgt Ion:178 Resp: 561810
 Ion Ratio Lower Upper
 178 100
 176 18.5 16.0 24.0
 179 16.5 12.5 18.7



#72
 Carbazole
 Concen: 34.125 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. 0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

Tgt Ion:167 Resp: 514184
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.4
 139 12.9 9.4 14.2





#73

Di-n-butylphthalate

Concen: 32.980 ng

RT: 18.38 min Scan# 2568

Delta R.T. 0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

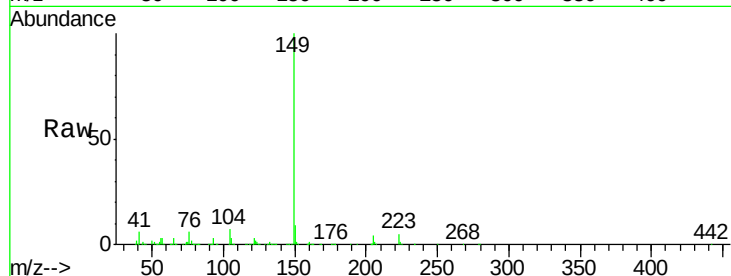
Tgt Ion:149 Resp: 587244

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

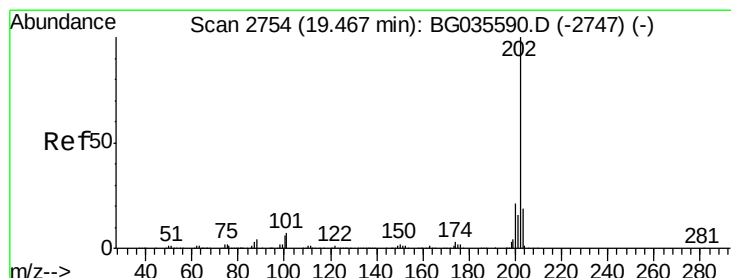
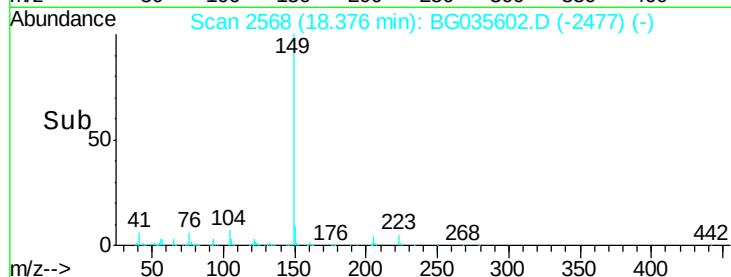
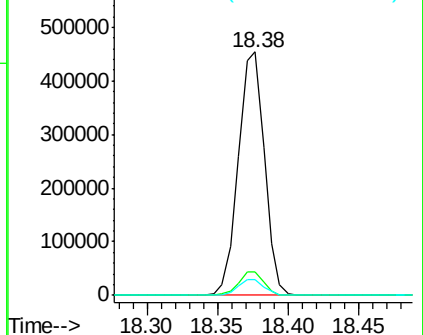
104 6.5 3.9 5.9#



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: 33.885 ng

RT: 19.47 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

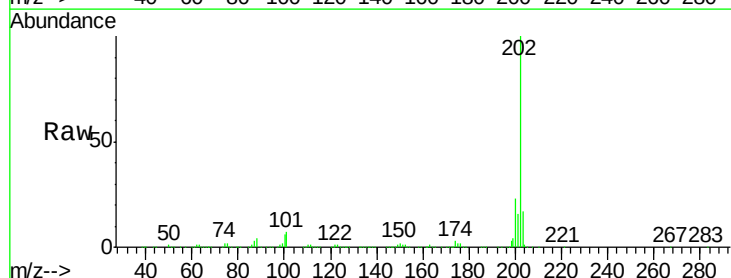
Tgt Ion:202 Resp: 727269

Ion Ratio Lower Upper

202 100

101 6.9 0.0 28.9

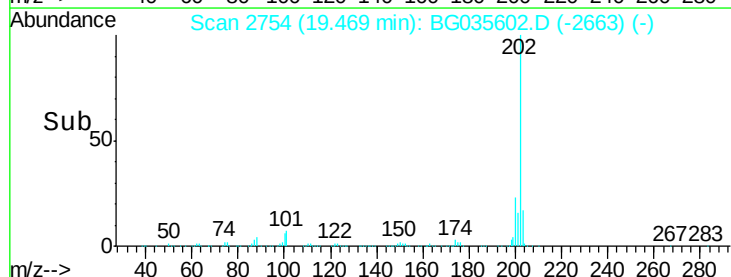
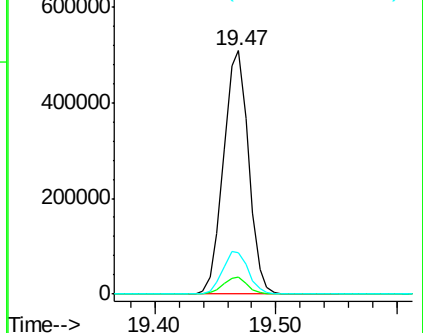
203 17.1 0.0 37.5

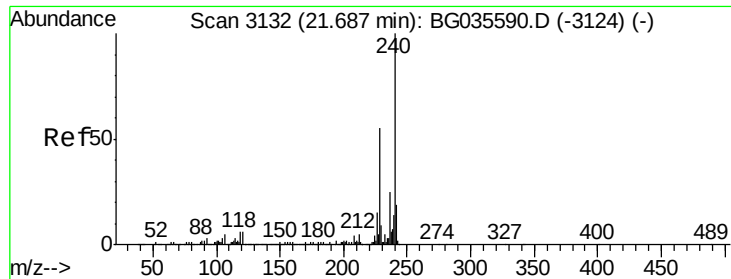


Abundance Ion 202.00 (201.70 to 202.70): E

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: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

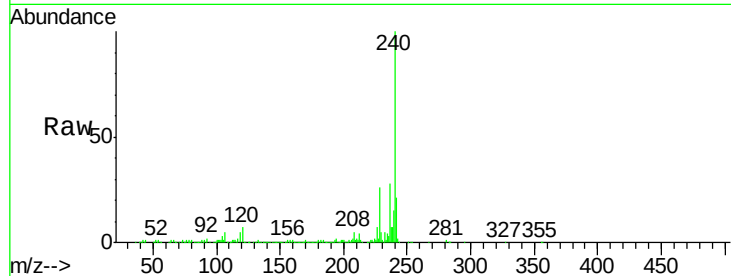
Tgt Ion:240 Resp: 341837

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

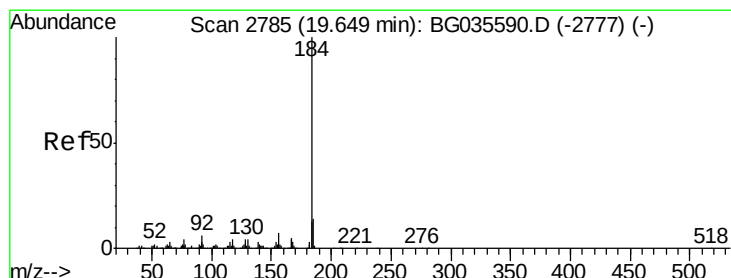
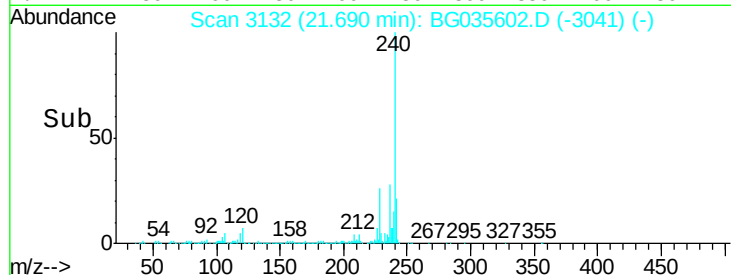
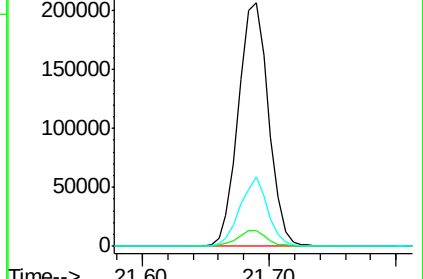
236 28.4 20.9 31.3



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: 23.347 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

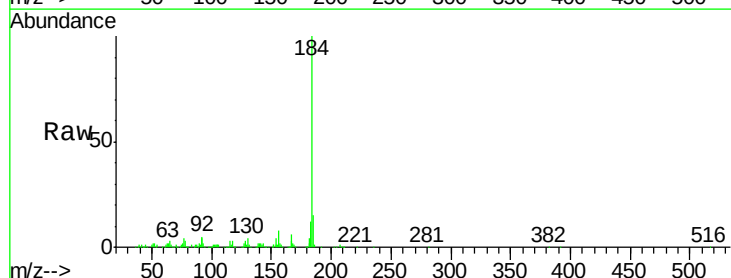
Tgt Ion:184 Resp: 209819

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

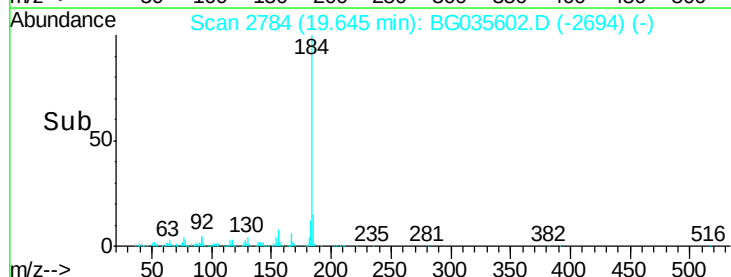
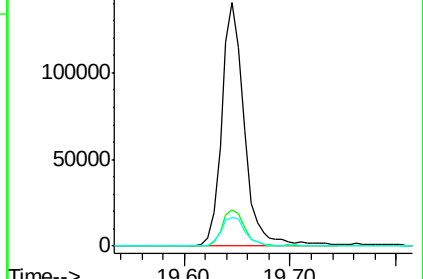
183 12.0 10.6 16.0

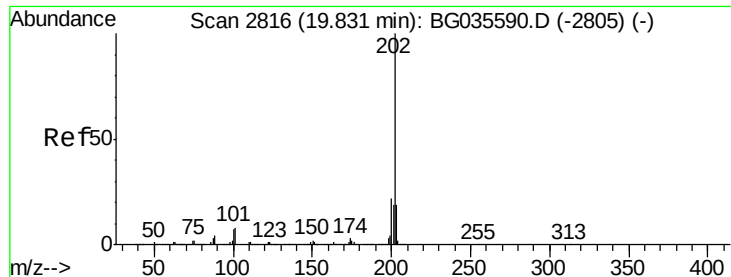


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 34.333 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

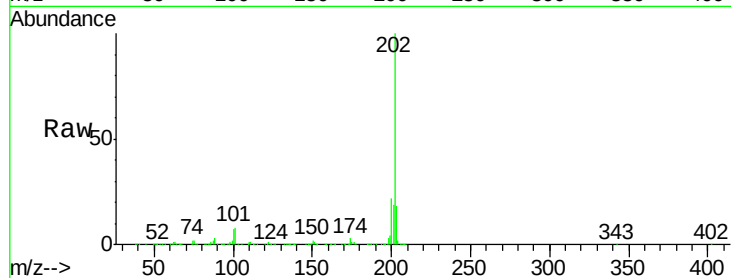
Tgt Ion:202 Resp: 742105

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

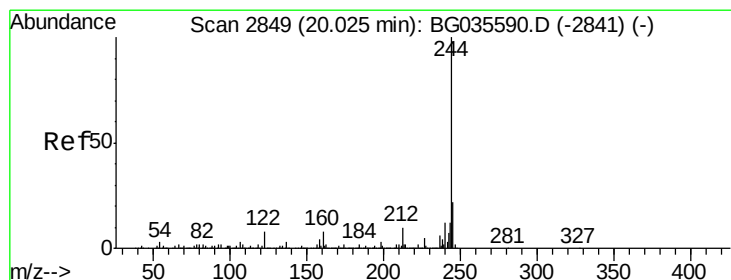
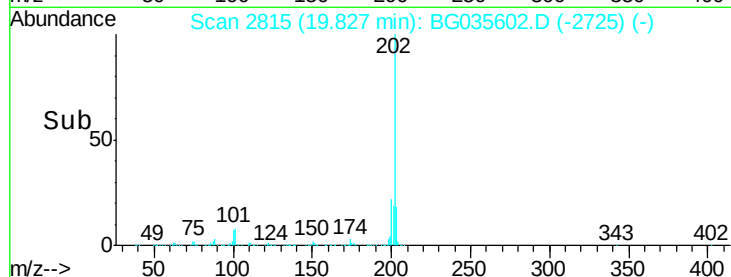
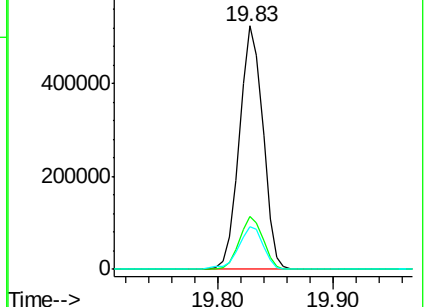
203 17.6 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.082 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

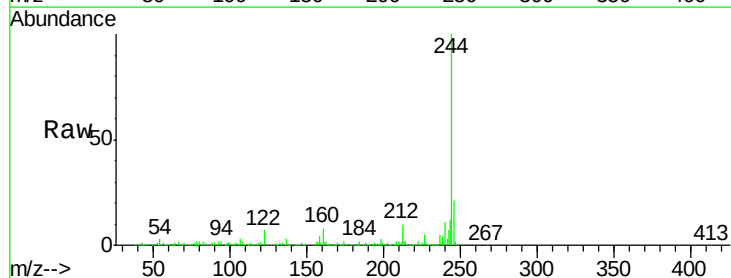
Tgt Ion:244 Resp: 1164353

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

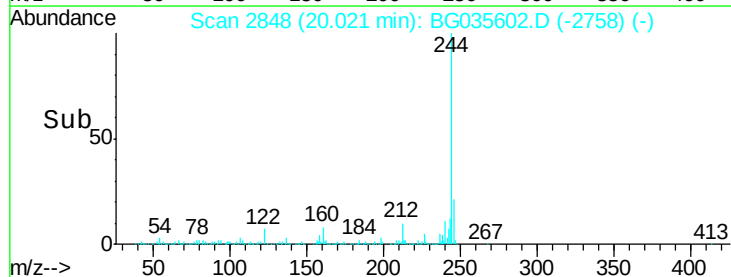
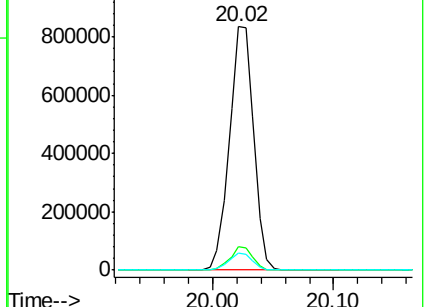
122 7.1 7.0 10.4

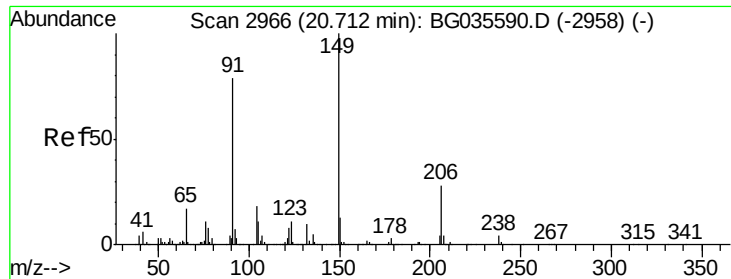


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

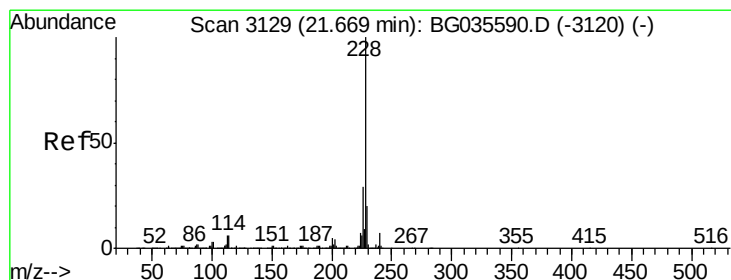
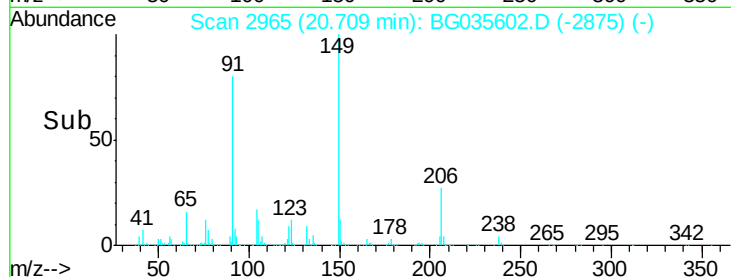
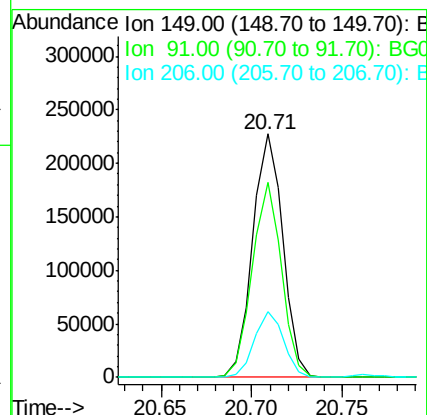
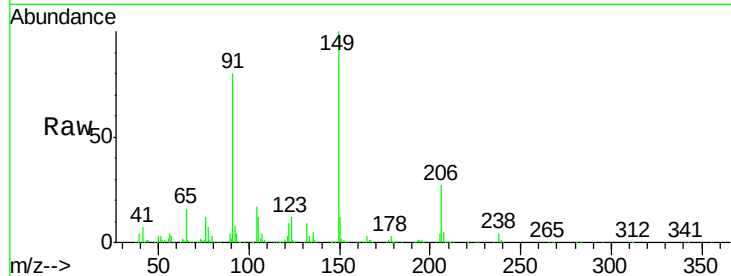




#79
Butylbenzylphthalate
Concen: 34.325 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

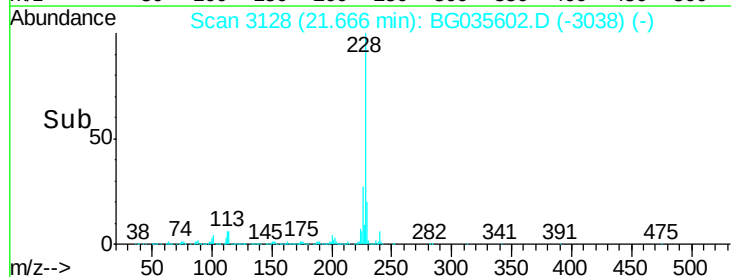
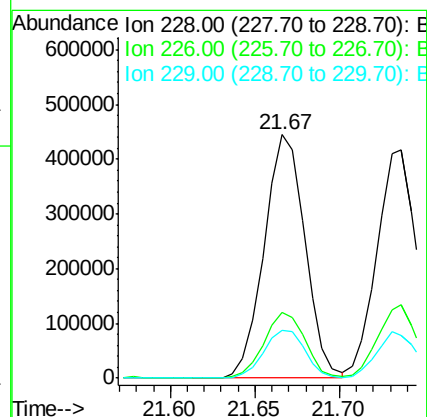
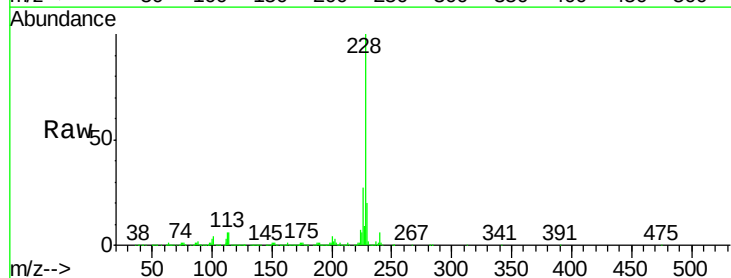
Instrument :
BNA_G
ClientSampleId :
PB110949BS

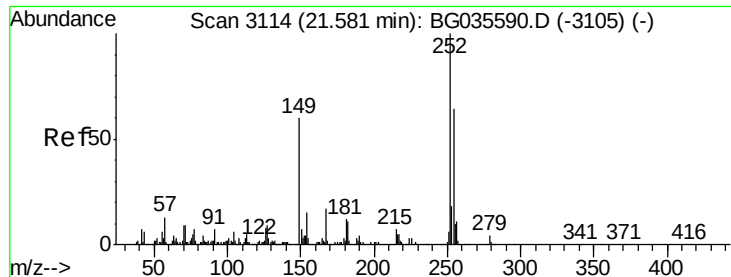
Tgt Ion:149 Resp: 265319
Ion Ratio Lower Upper
149 100
91 79.9 62.2 93.2
206 27.2 18.6 27.8



#80
Benzo(a)anthracene
Concen: 34.812 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG035602.D
Acq: 12 Jul 2018 19:53

Tgt Ion:228 Resp: 741581
Ion Ratio Lower Upper
228 100
226 27.0 22.7 34.1
229 19.9 16.2 24.2

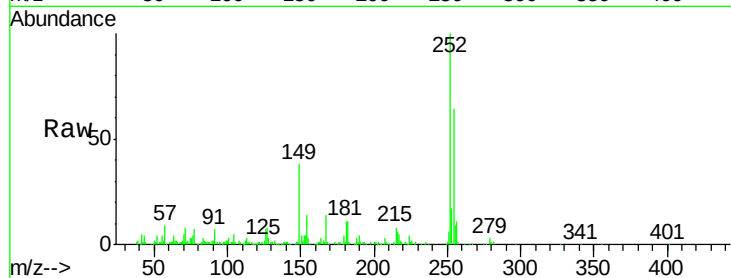




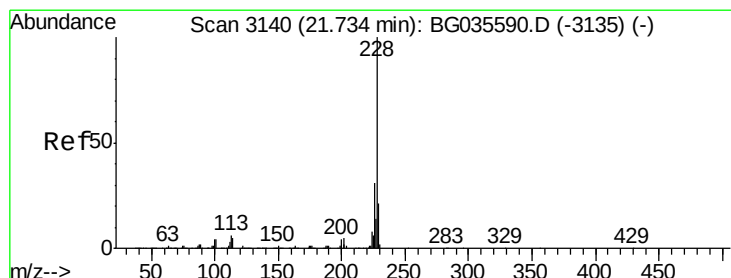
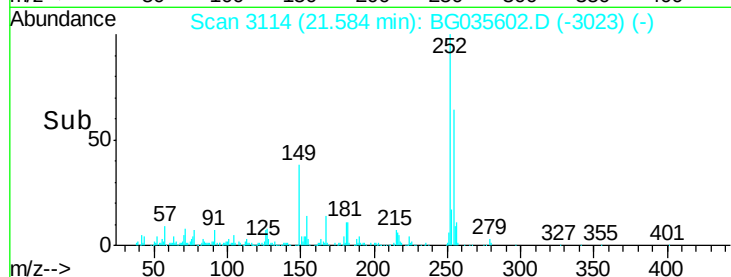
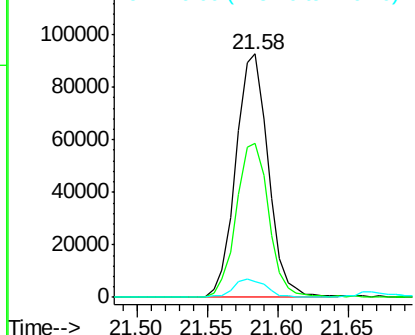
#81
 3,3'-Dichlorobenzidine
 Concen: 20.140 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. 0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

Instrument :
 BNA_G
 ClientSampleId :
 PB110949BS

Tgt Ion:252 Resp: 149596
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.8 76.2
 126 6.6 7.4 11.2#

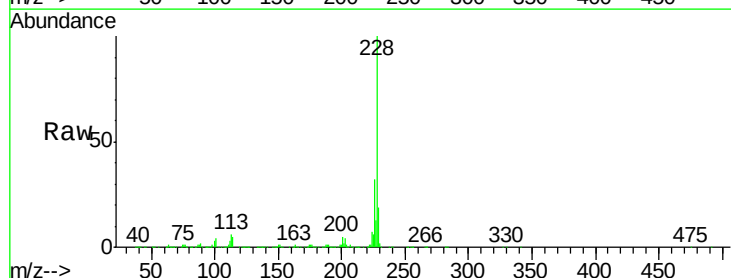


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

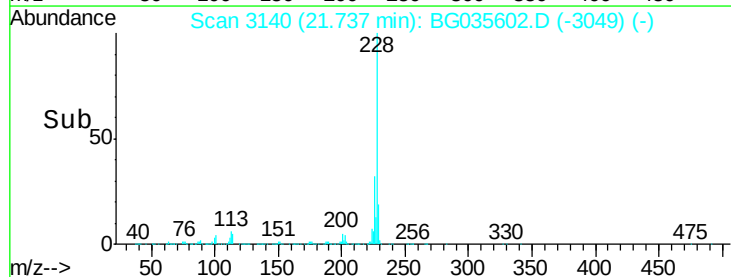
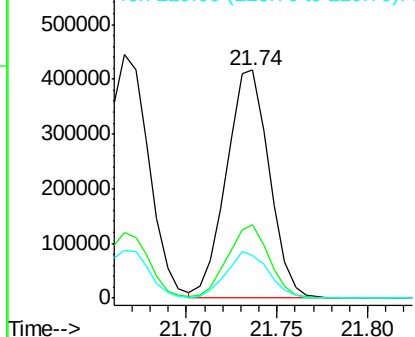


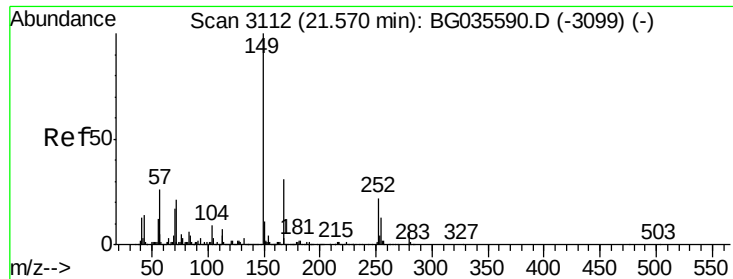
#82
 Chrysene
 Concen: 34.621 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: BG035602.D
 Acq: 12 Jul 2018 19:53

Tgt Ion:228 Resp: 683431
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.9 37.3
 229 18.9 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.811 ng

RT: 21.57 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

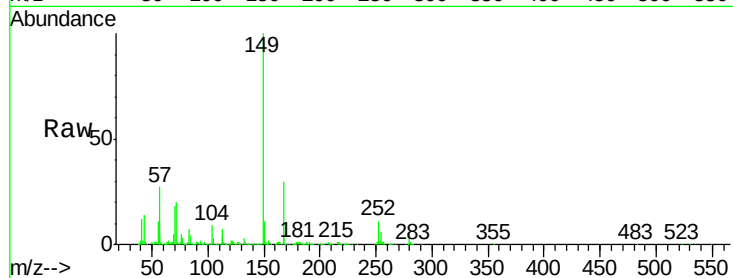
Tgt Ion:149 Resp: 355302

Ion Ratio Lower Upper

149 100

167 30.1 24.3 36.5

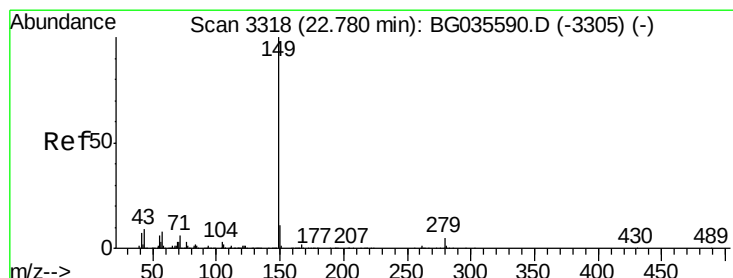
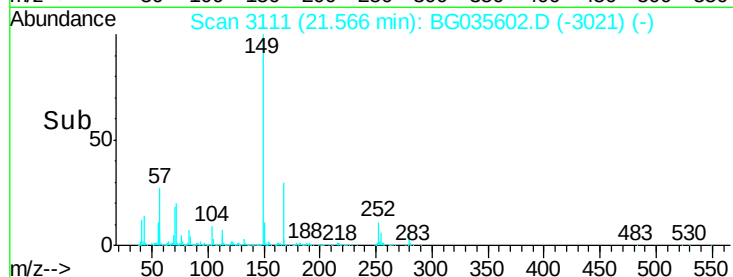
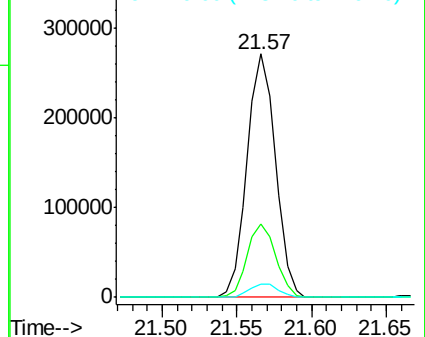
279 5.6 4.0 6.0



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: 34.372 ng

RT: 22.78 min Scan# 3317

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

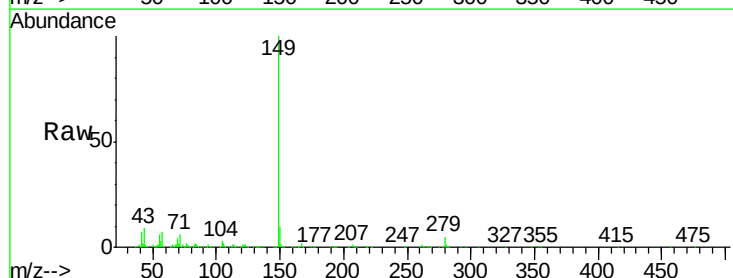
Tgt Ion:149 Resp: 604775

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

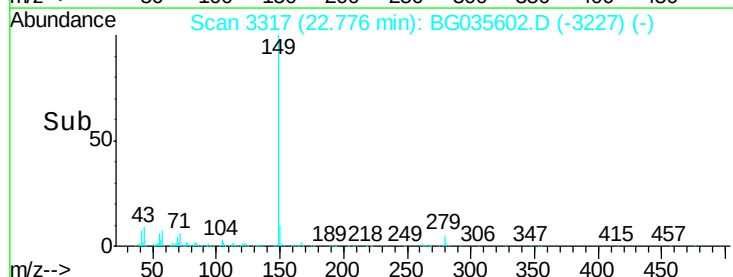
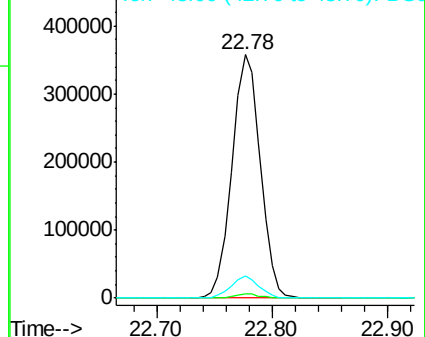
43 9.0 8.9 13.3

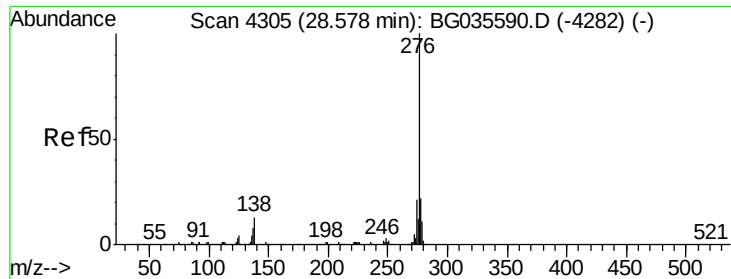


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.175 ng

RT: 28.57 min Scan# 4304

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

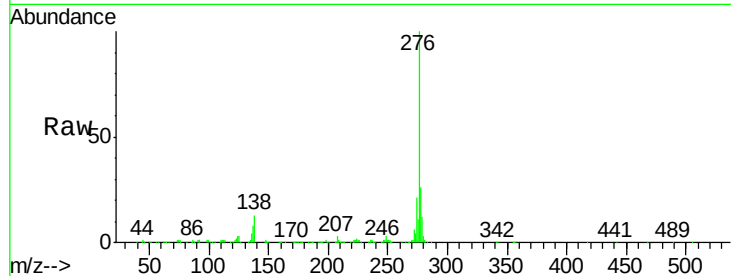
Tgt Ion:276 Resp: 768761

Ion Ratio Lower Upper

276 100

138 10.8 16.0 24.0#

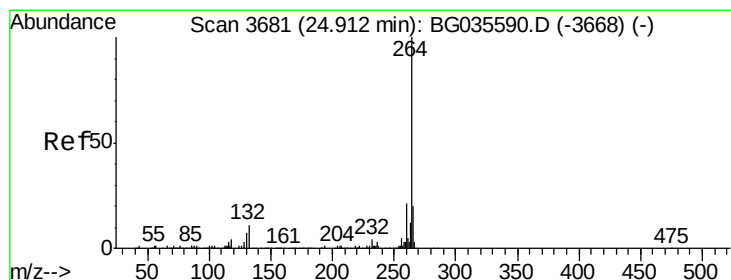
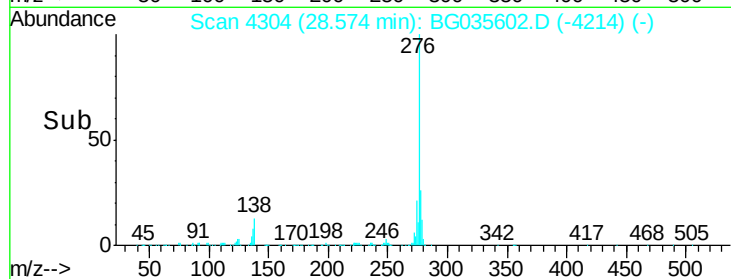
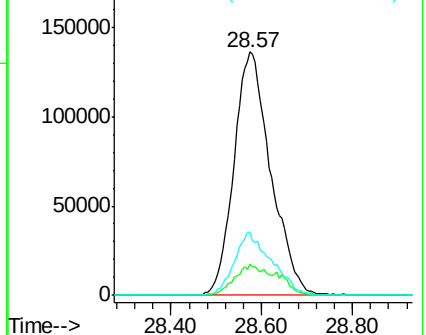
277 26.2 20.0 30.0



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: BG035602.D

Acq: 12 Jul 2018 19:53

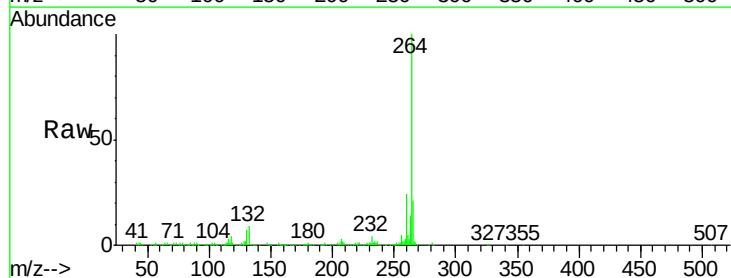
Tgt Ion:264 Resp: 330514

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

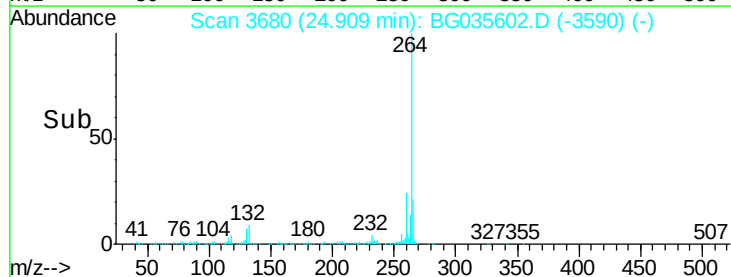
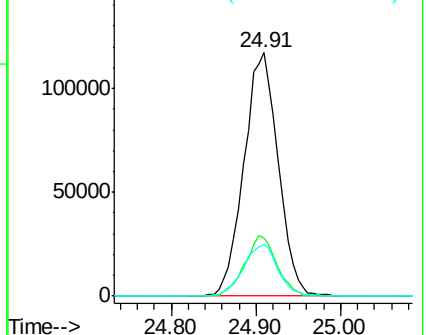
265 21.4 17.7 26.5

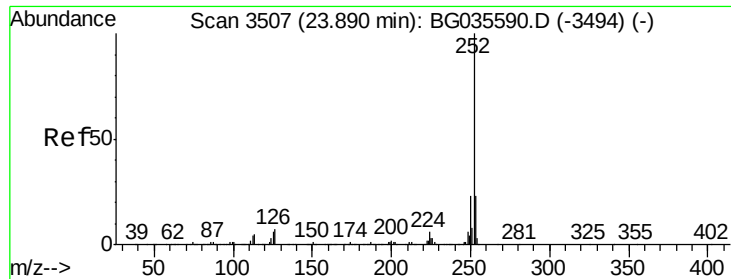


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 33.676 ng

RT: 23.89 min Scan# 3506

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

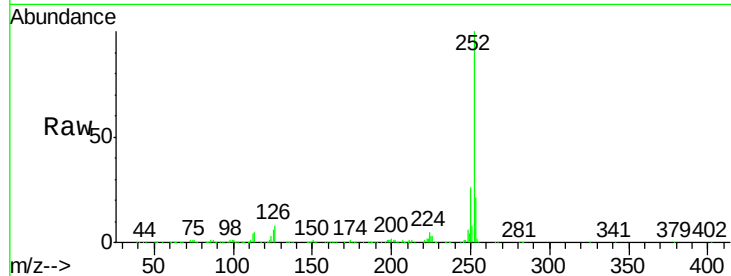
Tgt Ion:252 Resp: 676503

Ion Ratio Lower Upper

252 100

253 20.9 18.2 27.4

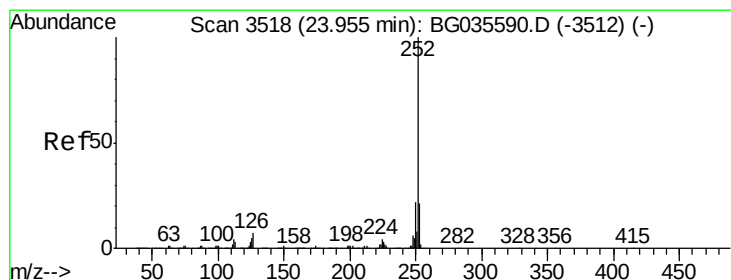
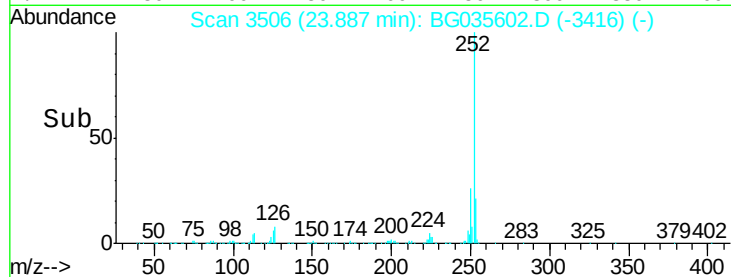
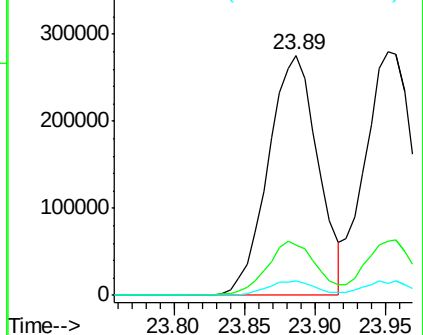
125 6.1 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.300 ng

RT: 23.95 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

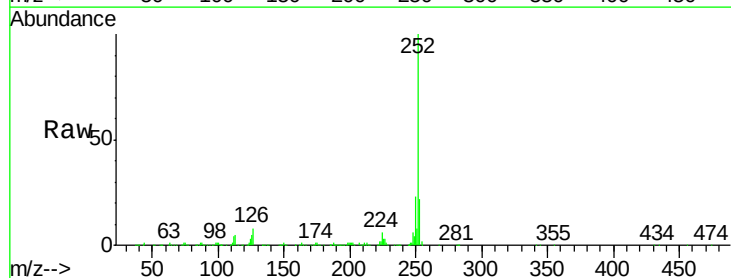
Tgt Ion:252 Resp: 673638

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

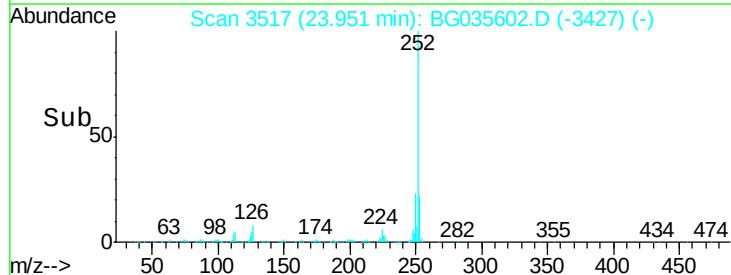
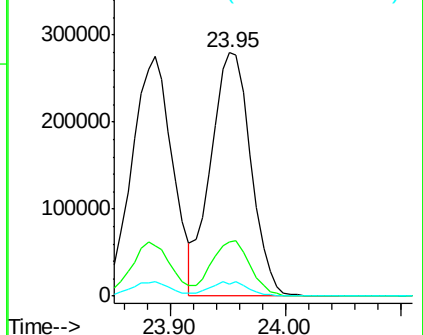
125 4.9 6.6 9.8#

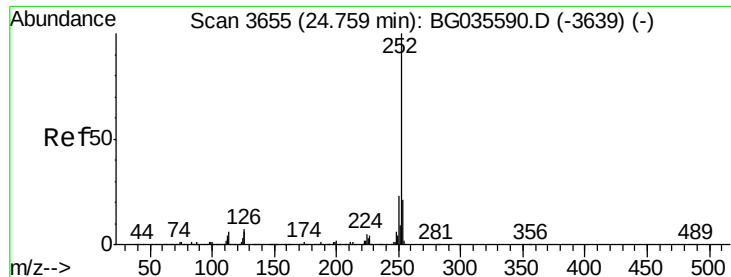


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 35.638 ng

RT: 24.76 min Scan# 3654

Delta R.T. -0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

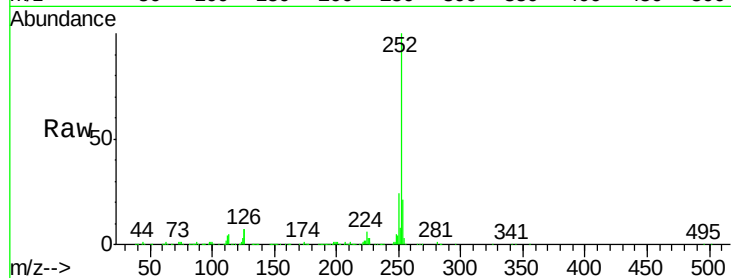
Tgt Ion:252 Resp: 666026

Ion Ratio Lower Upper

252 100

253 21.0 18.3 27.5

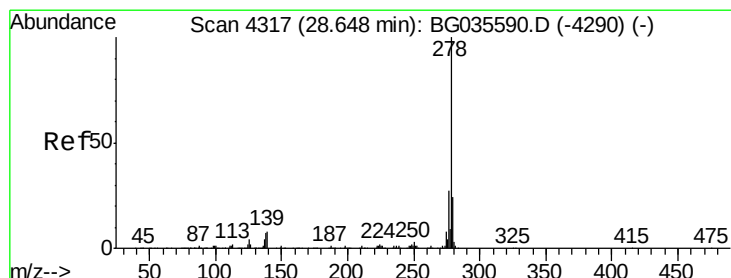
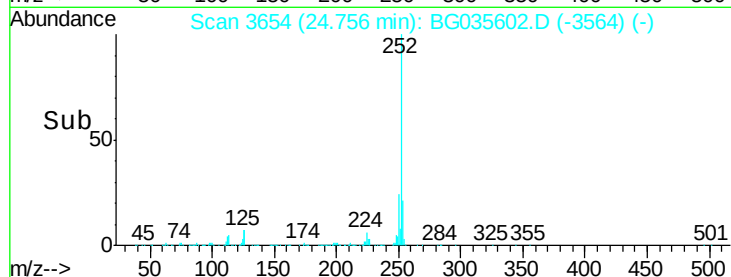
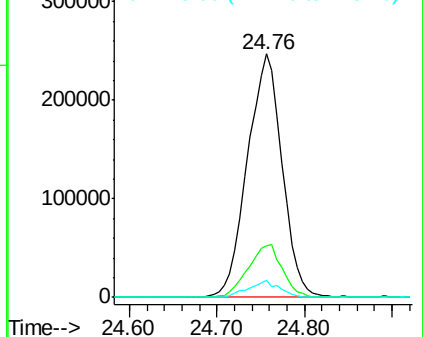
125 6.9 7.3 10.9#



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: 34.186 ng

RT: 28.64 min Scan# 4315

Delta R.T. -0.01 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

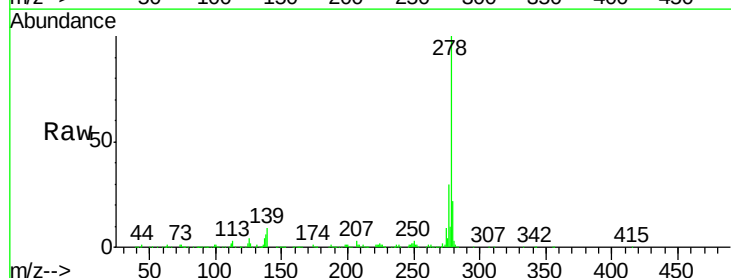
Tgt Ion:278 Resp: 627239

Ion Ratio Lower Upper

278 100

139 8.9 9.8 14.6#

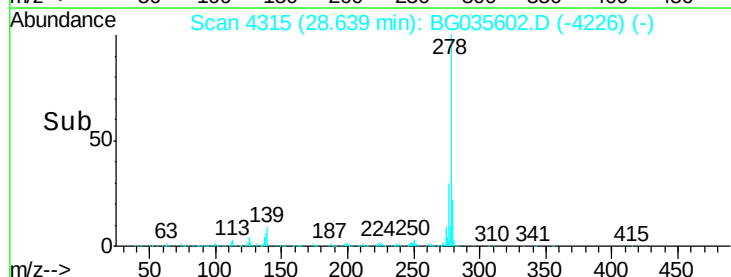
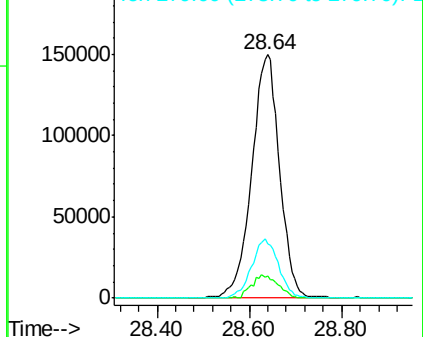
279 22.5 18.4 27.6

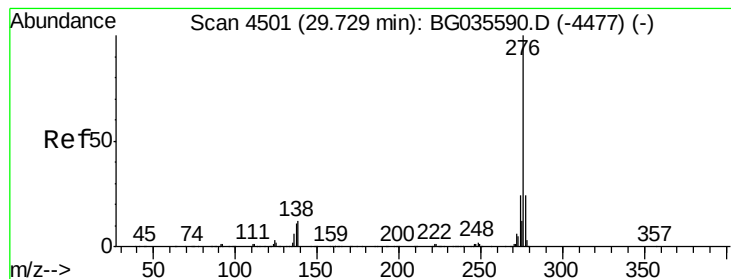


Abundance Ion 278.00 (277.70 to 278.70): E

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: 35.541 ng

RT: 29.73 min Scan# 4501

Delta R.T. 0.00 min

Lab File: BG035602.D

Acq: 12 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

PB110949BS

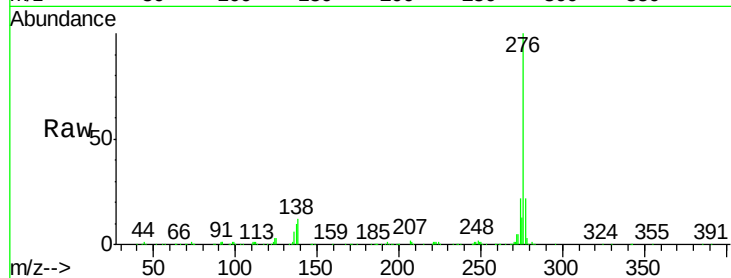
Tgt Ion:276 Resp: 638111

Ion Ratio Lower Upper

276 100

277 21.7 18.3 27.5

138 12.3 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

