

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
 Data File : BG035620.D
 Acq On : 13 Jul 2018 8:12
 Operator : JU/SJ
 Sample : PB111045BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111045BS

Quant Time: Jul 13 11:12:14 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	50899	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	208843	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	154238	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	418057	20.00	ng	0.00
75) Chrysene-d12	21.69	240	429334	20.00	ng	0.00
86) Perylene-d12	24.90	264	427486	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	390025	127.22	ng	0.00
7) Phenol-d6	7.22	99	586740	128.27	ng	0.00
23) Nitrobenzene-d5	9.22	82	371221	74.26	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	247300	121.65	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	840987	73.05	ng	0.00
78) Terphenyl-d14	20.03	244	1438420	73.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	40241	25.789	ng	# 82
3) Pyridine	3.94	79	122307	30.025	ng	# 81
4) n-Nitrosodimethylamine	3.86	42	56198	32.130	ng	# 80
6) Aniline	7.39	93	187289	31.590	ng	96
8) 2-Chlorophenol	7.63	128	129115	41.409	ng	98
9) Benzaldehyde	7.19	77	88563	31.556	ng	94
10) Phenol	7.25	94	195473	42.299	ng	89
11) bis(2-Chloroethyl)ether	7.48	93	129797	35.865	ng	88
12) 1,3-Dichlorobenzene	7.95	146	133294	35.400	ng	95
13) 1,4-Dichlorobenzene	8.10	146	133812	34.977	ng	94
14) 1,2-Dichlorobenzene	8.41	146	129461	35.225	ng	97
15) Benzyl Alcohol	8.30	79	155229	37.371	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.58	45	157790	52.005	ng	81
17) 2-Methylphenol	8.50	107	134027	42.657	ng	# 90
18) Hexachloroethane	9.14	117	51388	35.130	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	127107	33.000	ng	# 86
20) 3+4-Methylphenols	8.83	107	183441	42.086	ng	95
22) Acetophenone	8.88	105	221955	34.176	ng	# 91
24) Nitrobenzene	9.26	77	184412	36.679	ng	92
25) Isophorone	9.78	82	362868	39.101	ng	100
26) 2-Nitrophenol	9.97	139	74047	41.469	ng	# 90
27) 2,4-Dimethylphenol	10.02	122	140343	46.432	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	189384	37.035	ng	96
29) 2,4-Dichlorophenol	10.51	162	153268	44.422	ng	93
30) 1,2,4-Trichlorobenzene	10.72	180	154183	36.443	ng	96
31) Naphthalene	10.91	128	391800	36.015	ng	98
32) Benzoic acid	10.17	122	52650	25.876	ng	88
33) 4-Chloroaniline	11.02	127	59019	12.447	ng	# 96
34) Hexachlorobutadiene	11.19	225	115491	35.007	ng	95
35) Caprolactam	11.80	113	35821	24.193	ng	# 69
36) 4-Chloro-3-methylphenol	12.14	107	188756	40.814	ng	92
37) 2-Methylnaphthalene	12.51	142	317683	39.196	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	211104	36.263	ng	99
40) Hexachlorocyclopentadiene	12.85	237	290384	95.113	ng	92

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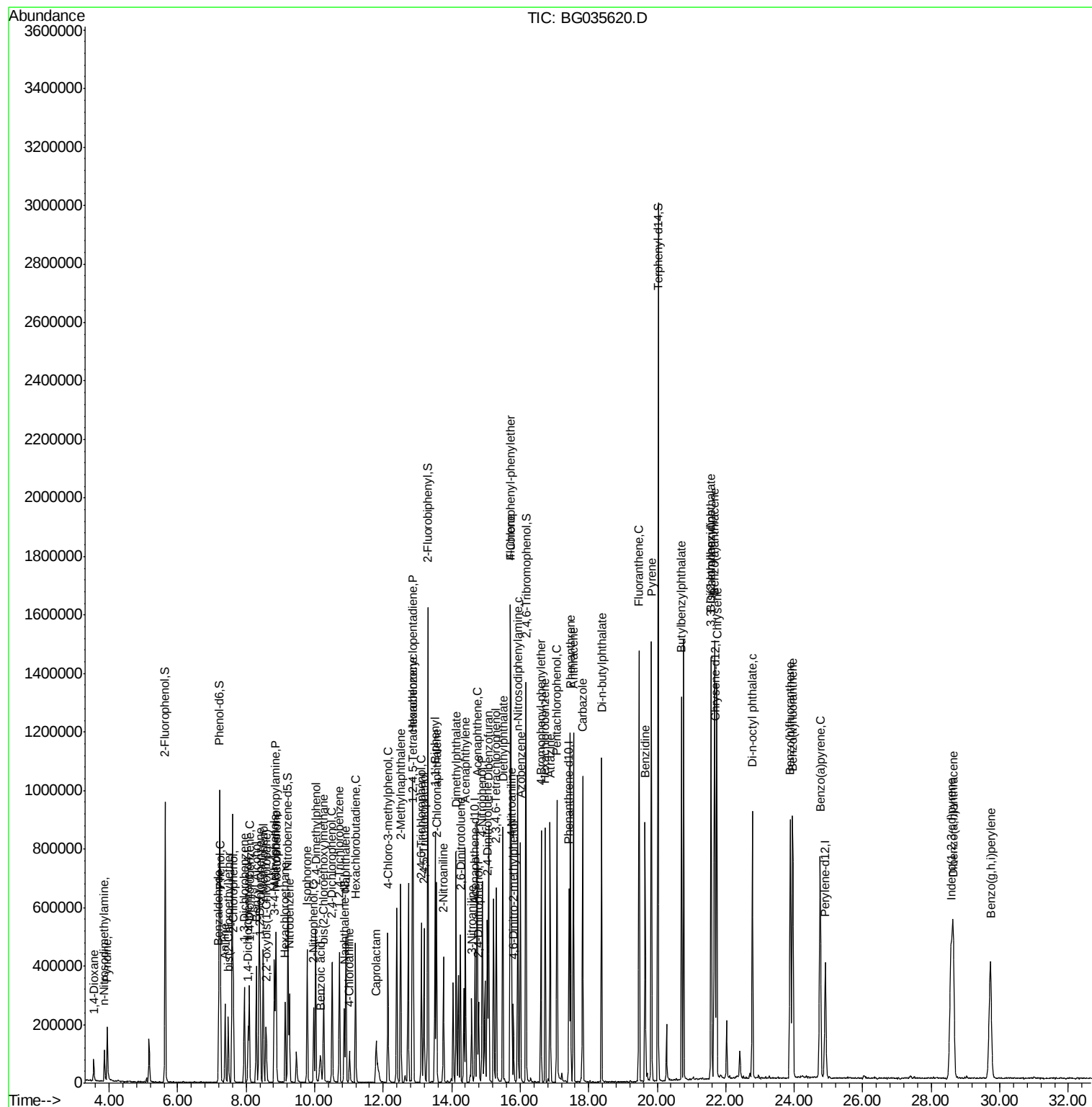
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42) 2,4,6-Trichlorophenol	13.11	196	137422	40.366	ng	97
43) 2,4,5-Trichlorophenol	13.19	196	152889	40.144	ng	95
45) 1,1'-Biphenyl	13.51	154	440461	36.834	ng	97
46) 2-Chloronaphthalene	13.56	162	347601	37.371	ng	99
47) 2-Nitroaniline	13.76	65	127790	38.861	ng	98
48) Acenaphthylene	14.40	152	573274	36.793	ng	97
49) Dimethylphthalate	14.13	163	481366	35.621	ng #	98
50) 2,6-Dinitrotoluene	14.25	165	106995	38.881	ng	95
51) Acenaphthene	14.74	154	336725	34.693	ng	99
52) 3-Nitroaniline	14.58	138	64966	23.098	ng #	81
53) 2,4-Dinitrophenol	14.79	184	62165	46.897	ng #	60
54) Dibenzofuran	15.08	168	555073	35.959	ng	95
55) 4-Nitrophenol	14.89	139	161397	80.577	ng #	78
56) 2,4-Dinitrotoluene	15.03	165	155038	39.271	ng	94
57) Fluorene	15.72	166	464923	35.936	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	150747	41.283	ng	95
59) Diethylphthalate	15.49	149	478805	34.458	ng	97
60) 4-Chlorophenyl-phenylether	15.72	204	265109	34.864	ng	99
61) 4-Nitroaniline	15.75	138	110031	37.399	ng #	73
62) Azobenzene	16.01	77	512538	37.394	ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	62471	26.844	ng	94
65) n-Nitrosodiphenylamine	15.93	169	418329	35.155	ng	98
66) 4-Bromophenyl-phenylether	16.61	248	181536	37.429	ng	97
67) Hexachlorobenzene	16.73	284	179302	35.898	ng	97
68) Atrazine	16.87	200	181326	37.010	ng	97
69) Pentachlorophenol	17.07	266	181180	59.554	ng	98
70) Phenanthrene	17.47	178	743229	35.629	ng	98
71) Anthracene	17.55	178	775718	37.346	ng	97
72) Carbazole	17.82	167	702599	35.618	ng	98
73) Di-n-butylphthalate	18.38	149	797103	34.195	ng #	98
74) Fluoranthene	19.47	202	972955	34.626	ng	96
76) Benzidine	19.65	184	513644	45.506	ng	98
77) Pyrene	19.83	202	982927	36.207	ng	98
79) Butylbenzylphthalate	20.71	149	350834	36.139	ng #	96
80) Benzo(a)anthracene	21.67	228	970280	36.265	ng	100
81) 3,3'-Dichlorobenzidine	21.58	252	205211	21.997	ng #	95
82) Chrysene	21.74	228	901083	36.344	ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	476127	36.076	ng	99
84) Di-n-octyl phthalate	22.78	149	811120	36.705	ng #	94
85) Indeno(1,2,3-cd)pyrene	28.57	276	1023679	37.293	ng #	88
87) Benzo(b)fluoranthene	23.89	252	908649	34.972	ng #	97
88) Benzo(k)fluoranthene	23.95	252	885393	34.856	ng #	98
89) Benzo(a)pyrene	24.76	252	879348	36.379	ng #	98
90) Dibenzo(a,h)anthracene	28.65	278	847329	35.706	ng #	97
91) Benzo(g,h,i)perylene	29.74	276	860229	37.044	ng #	96

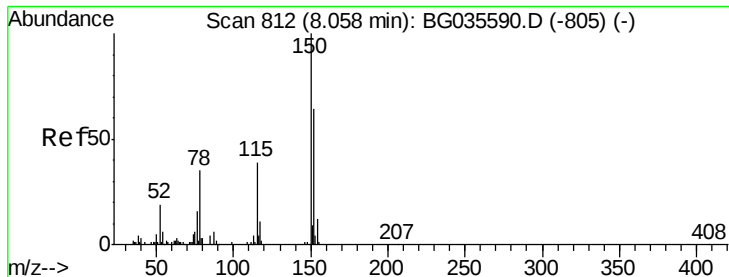
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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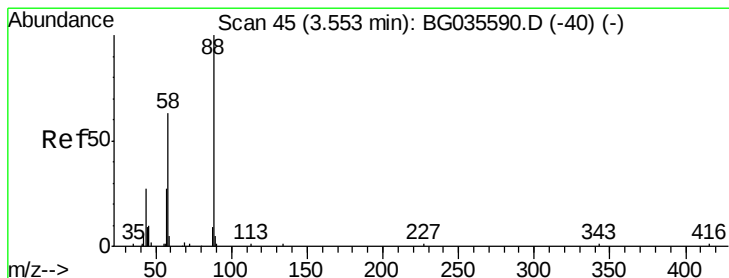
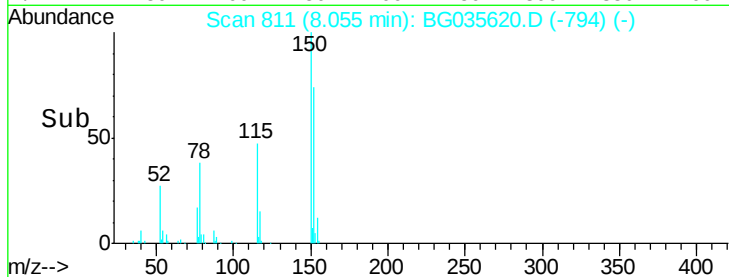
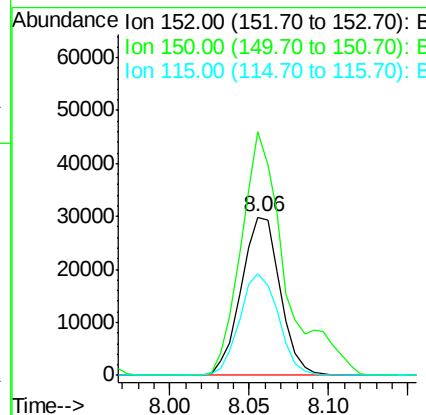
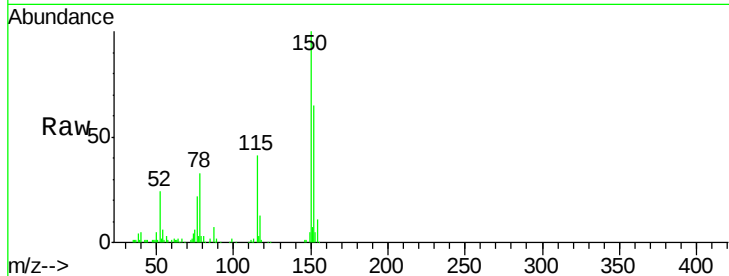


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG035620.D
Acq: 13 Jul 2018 8:12

Instrument :
BNA_G
ClientSampleId :
PB111045BS

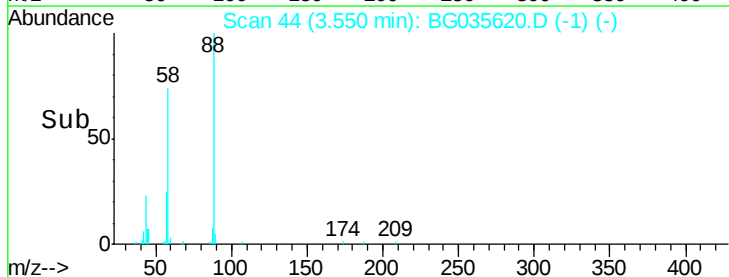
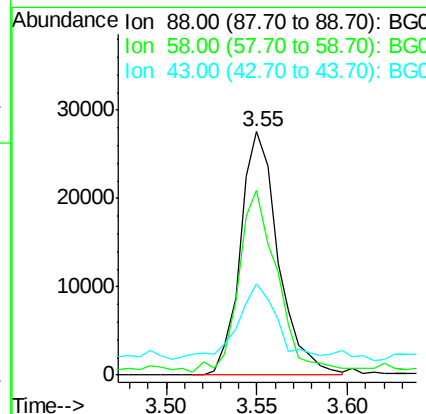
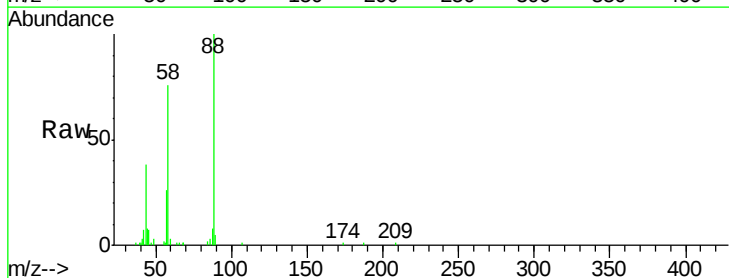
Tgt Ion:152 Resp: 50899
Ion Ratio Lower Upper
152 100
150 154.0 126.6 189.8
115 63.9 53.0 79.4

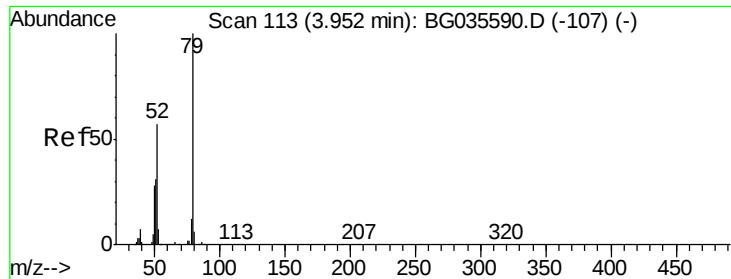


#2

1,4-Dioxane
Concen: 25.789 ng
RT: 3.55 min Scan# 44
Delta R.T. -0.00 min
Lab File: BG035620.D
Acq: 13 Jul 2018 8:12

Tgt Ion: 88 Resp: 40241
Ion Ratio Lower Upper
88 100
58 76.2 79.6 119.4#
43 32.2 27.4 41.0





#3

Pyridine

Concen: 30.025 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

PB111045BS

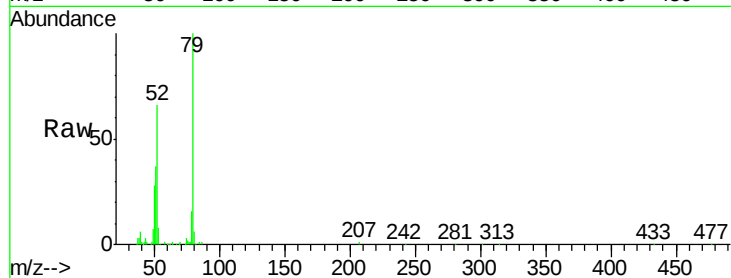
Tgt Ion: 79 Resp: 122307

Ion Ratio Lower Upper

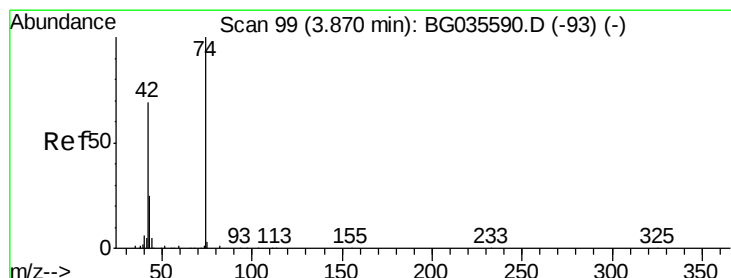
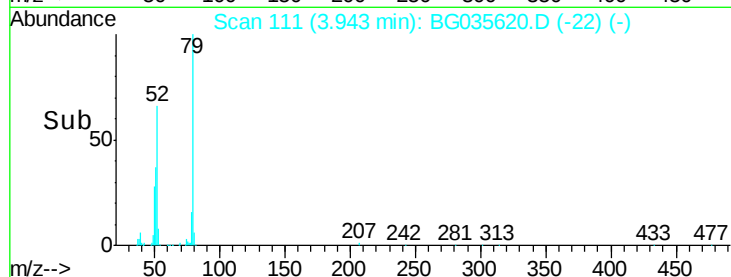
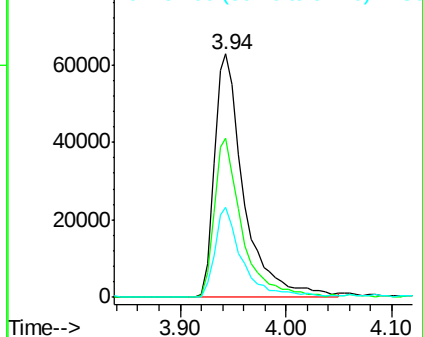
79 100

52 65.5 69.9 104.9#

51 37.0 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: 32.130 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.01 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

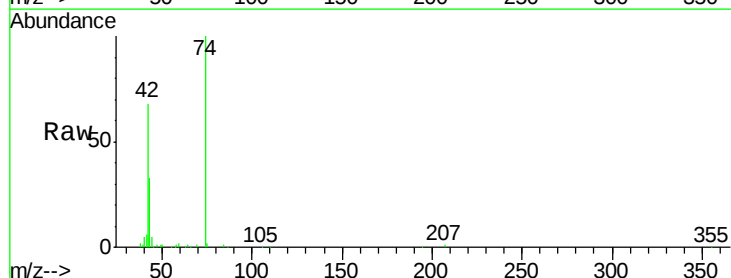
Tgt Ion: 42 Resp: 56198

Ion Ratio Lower Upper

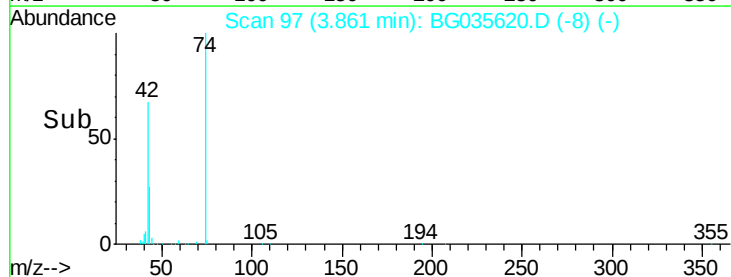
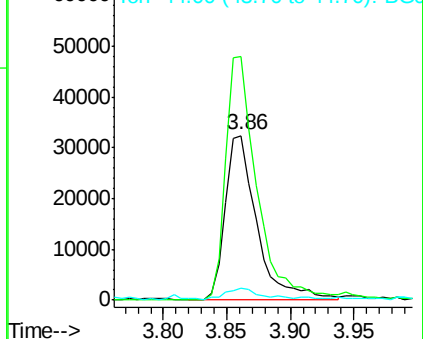
42 100

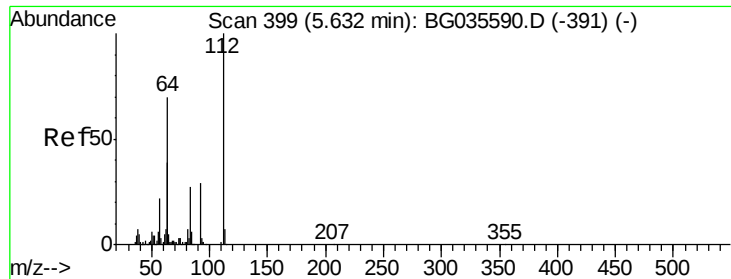
74 148.1 102.5 153.7

44 7.1 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: 127.219 ng

RT: 5.64 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG035620.D

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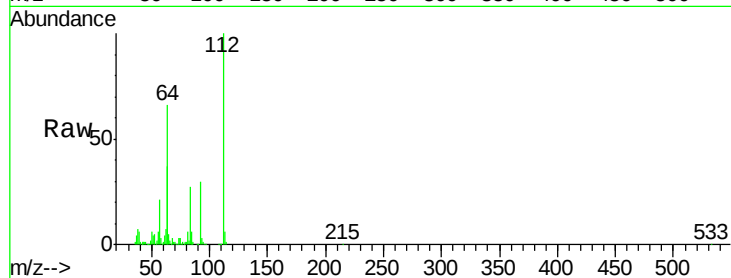
Tgt Ion: 112 Resp: 390025

Ion Ratio Lower Upper

112 100

64 65.8 56.3 84.5

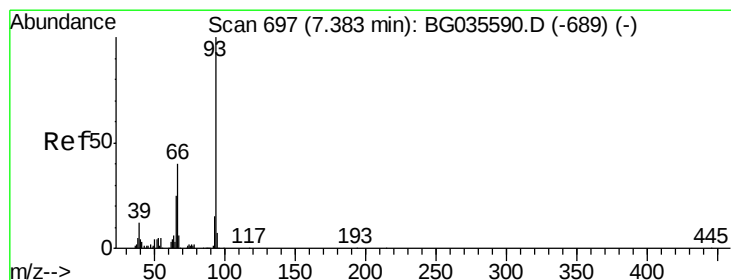
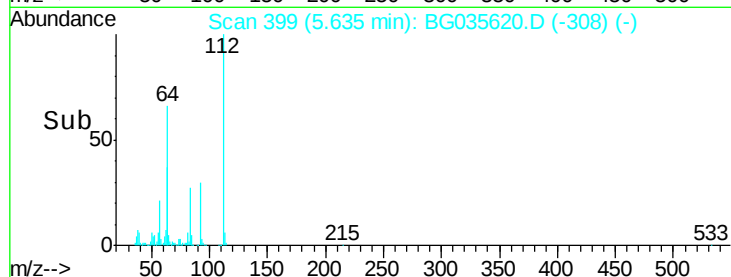
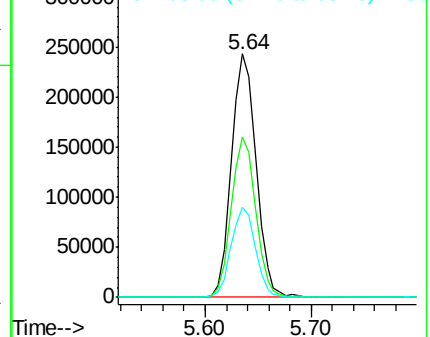
63 36.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.590 ng

RT: 7.39 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

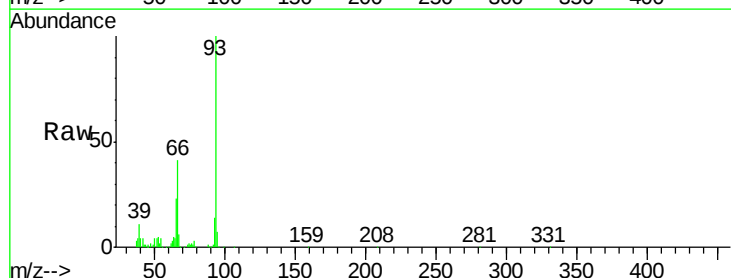
Tgt Ion: 93 Resp: 187289

Ion Ratio Lower Upper

93 100

66 40.9 33.7 50.5

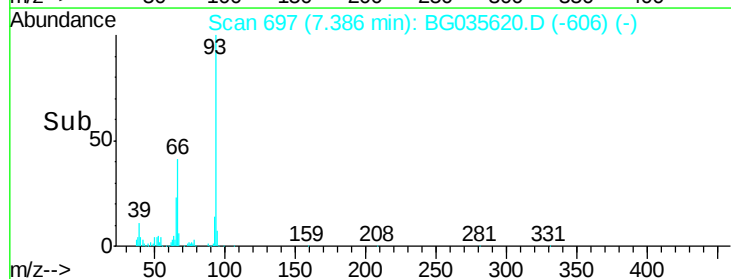
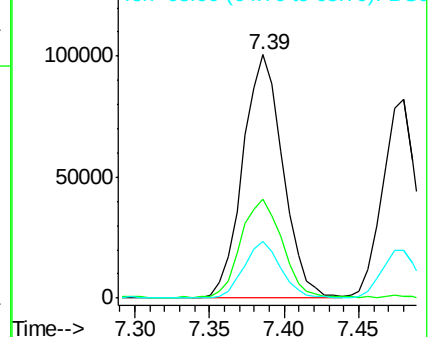
65 23.4 16.1 24.1

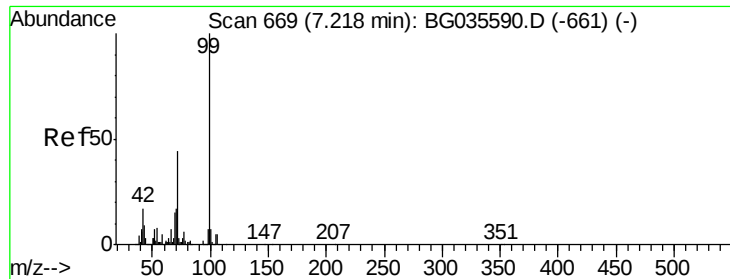


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.275 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035620.D

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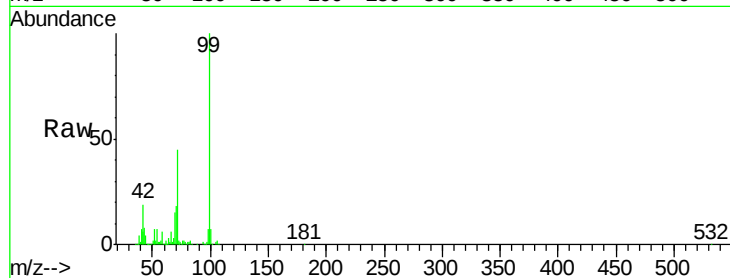
Tgt Ion: 99 Resp: 586740

Ion Ratio Lower Upper

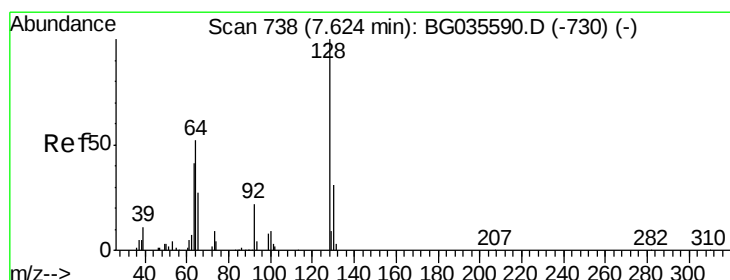
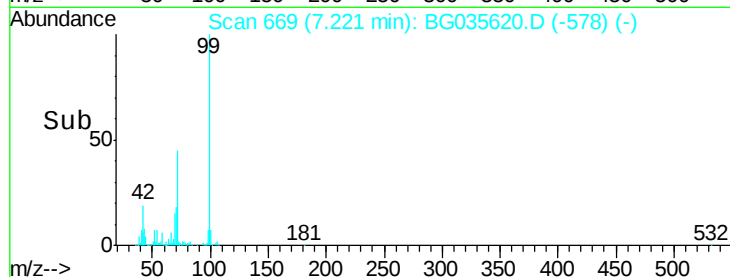
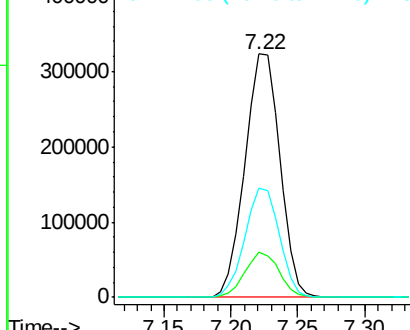
99 100

42 18.7 14.1 21.1

71 45.1 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: 41.409 ng

RT: 7.63 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

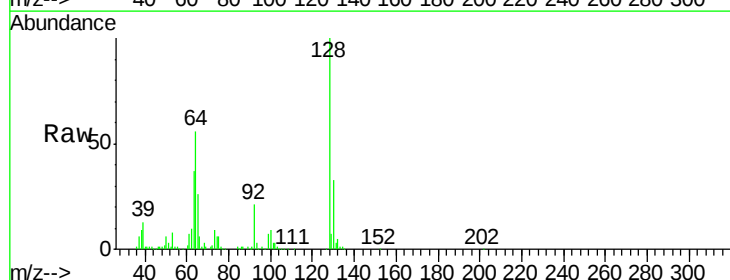
Tgt Ion: 128 Resp: 129115

Ion Ratio Lower Upper

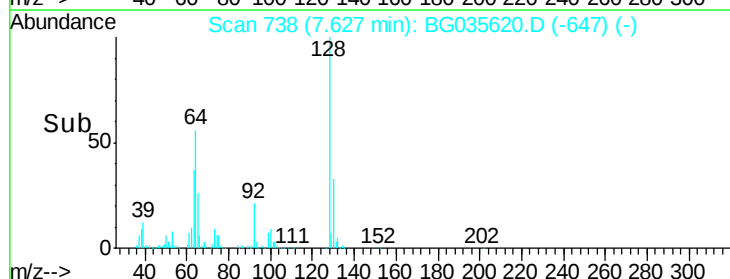
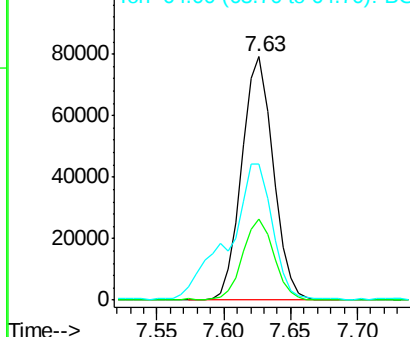
128 100

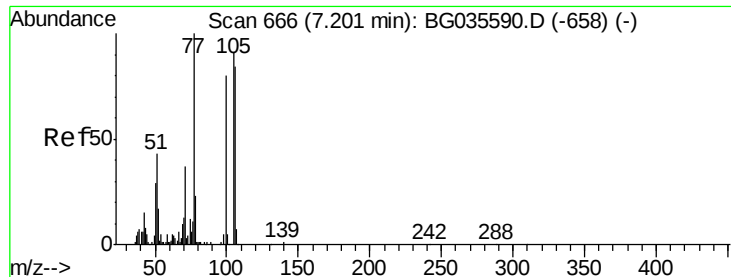
130 33.3 14.0 54.0

64 56.1 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 31.556 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

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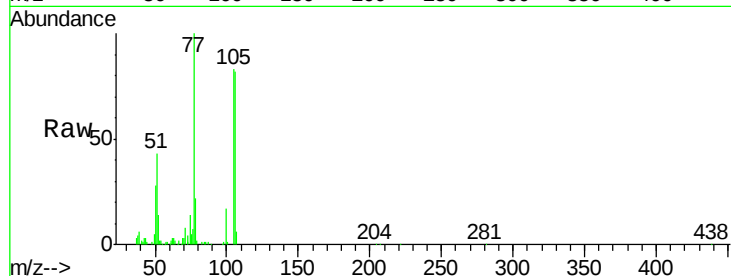
Tgt Ion: 77 Resp: 88563

Ion Ratio Lower Upper

77 100

105 82.6 71.3 111.3

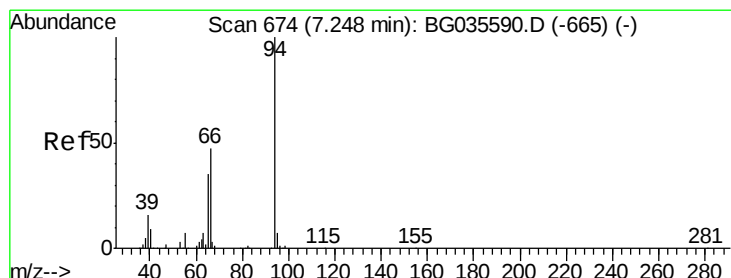
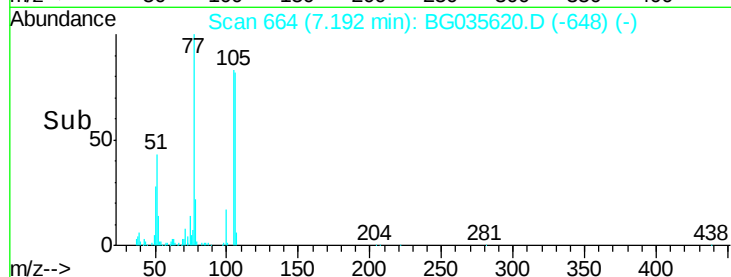
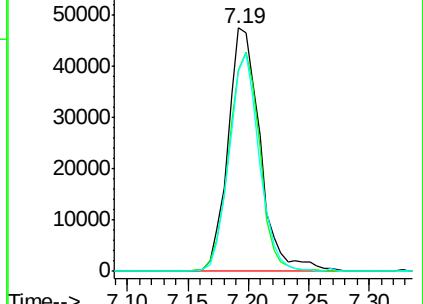
106 82.3 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.299 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

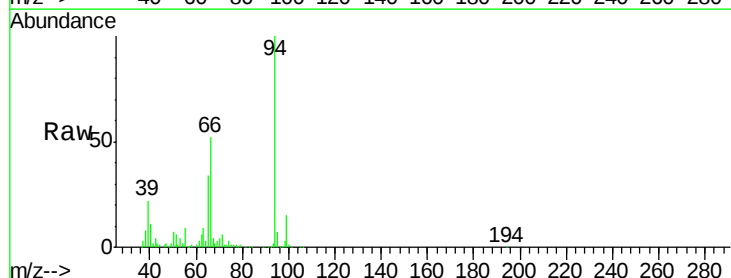
Tgt Ion: 94 Resp: 195473

Ion Ratio Lower Upper

94 100

65 34.3 11.9 51.9

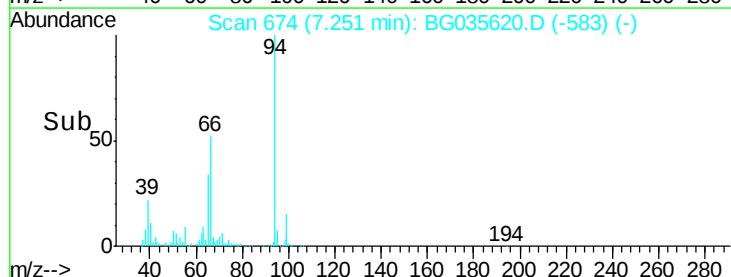
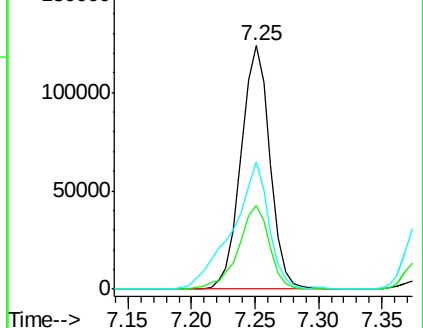
66 52.1 22.2 62.2

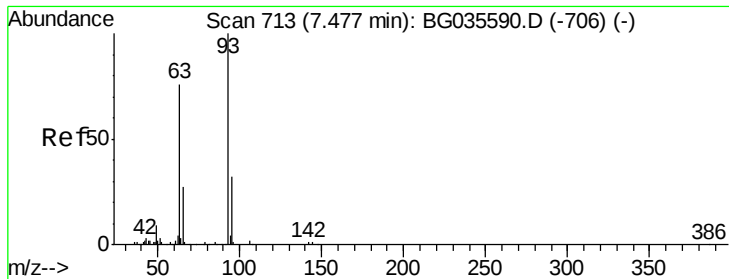


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

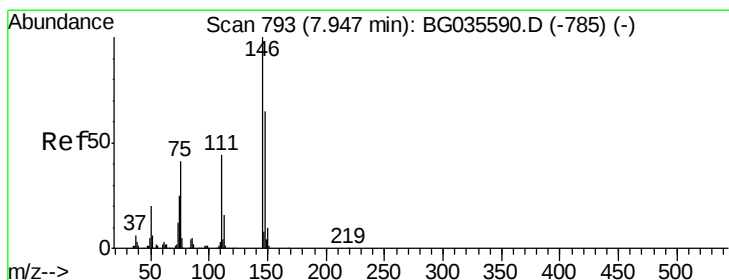
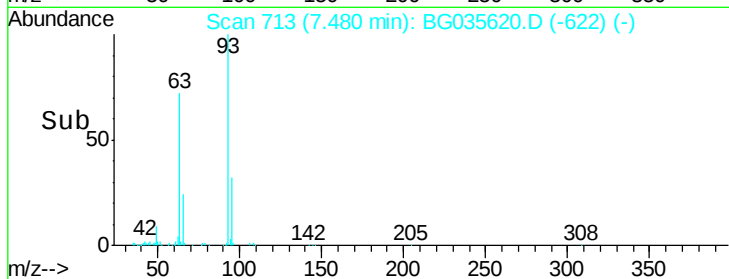
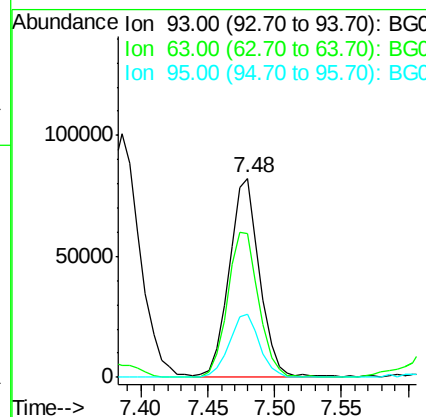
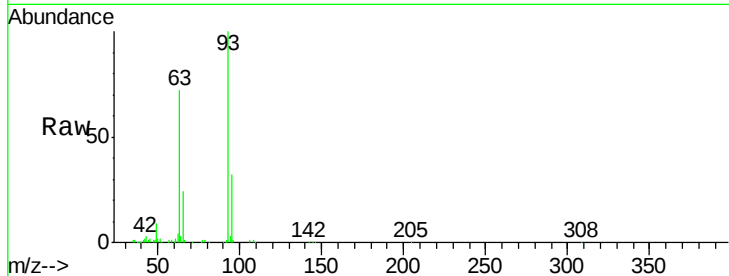




#11
 bis(2-Chloroethyl)ether
 Concen: 35.865 ng
 RT: 7.48 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

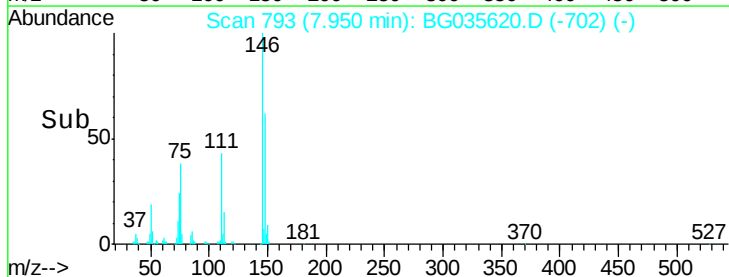
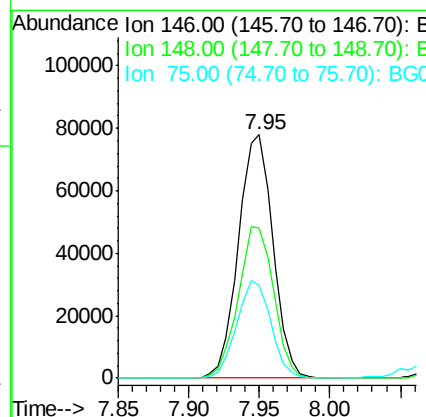
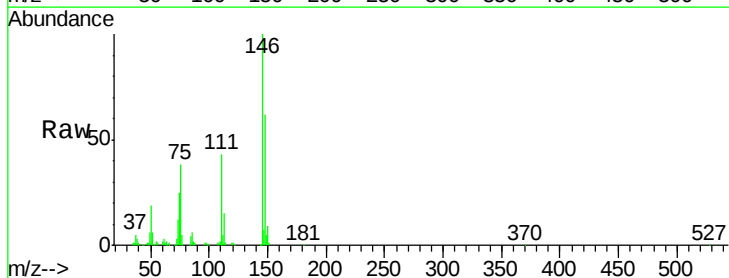
Instrument :
 BNA_G
 ClientSampleId :
 PB111045BS

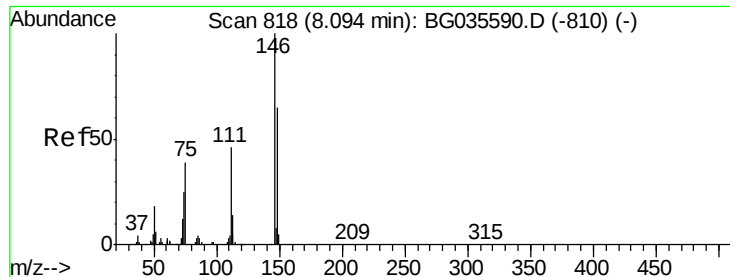
Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.4	67.1	107.1
95	31.6	11.5	51.5



#12
 1,3-Dichlorobenzene
 Concen: 35.400 ng
 RT: 7.95 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	51.4	77.2
75	37.8	26.6	39.8

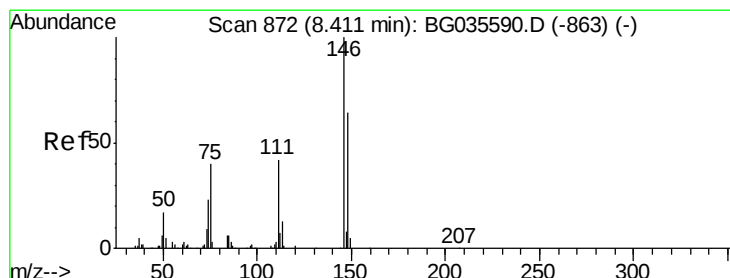
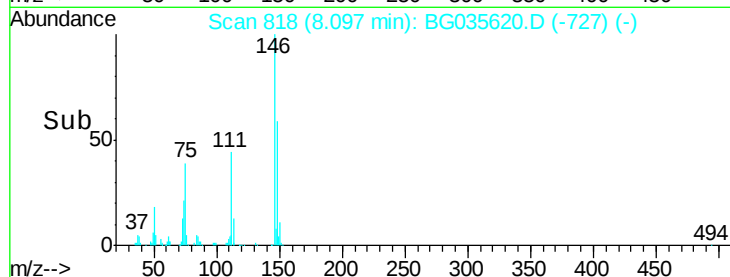
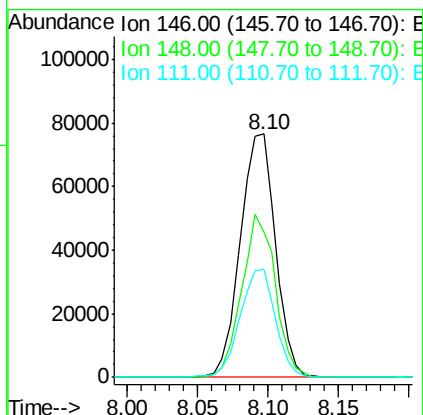
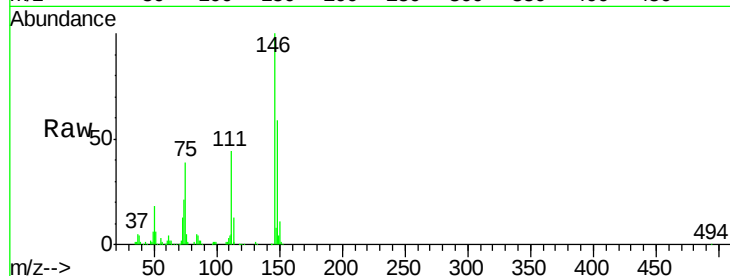




#13
 1,4-Dichlorobenzene
 Concen: 34.977 ng
 RT: 8.10 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

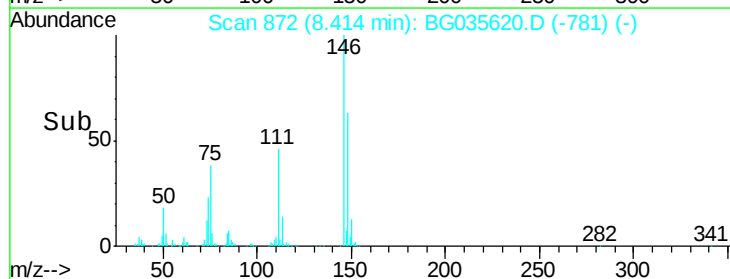
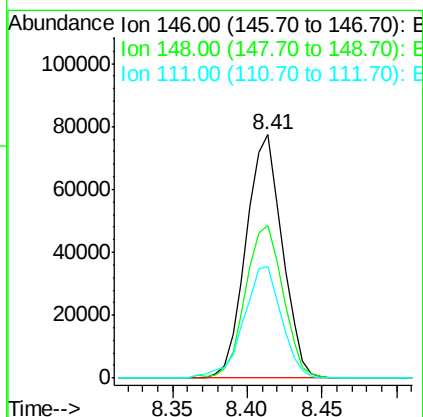
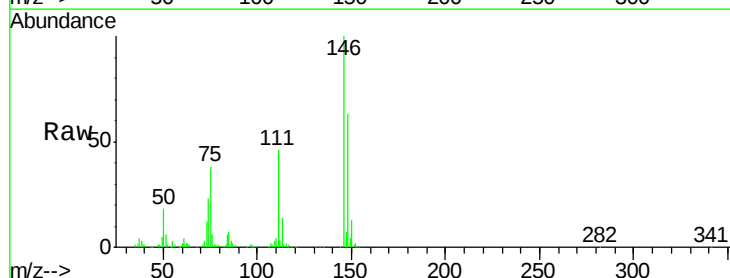
Instrument :
 BNA_G
 ClientSampleId :
 PB111045BS

Tgt Ion:146 Resp: 133812
 Ion Ratio Lower Upper
 146 100
 148 59.5 53.7 80.5
 111 44.4 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 35.225 ng
 RT: 8.41 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

Tgt Ion:146 Resp: 129461
 Ion Ratio Lower Upper
 146 100
 148 62.8 49.3 73.9
 111 45.8 34.3 51.5





#15

Benzyl Alcohol

Concen: 37.371 ng

RT: 8.30 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

PB111045BS

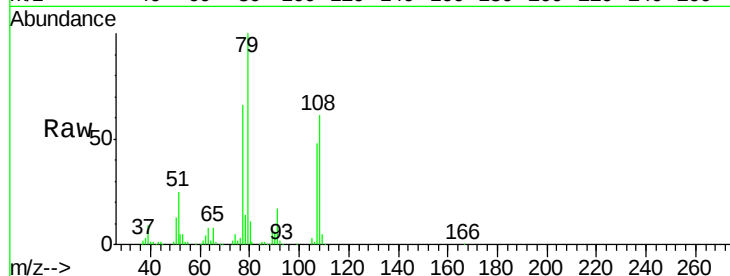
Tgt Ion: 79 Resp: 155229

Ion Ratio Lower Upper

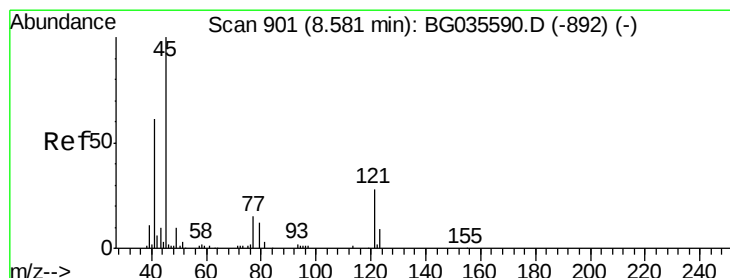
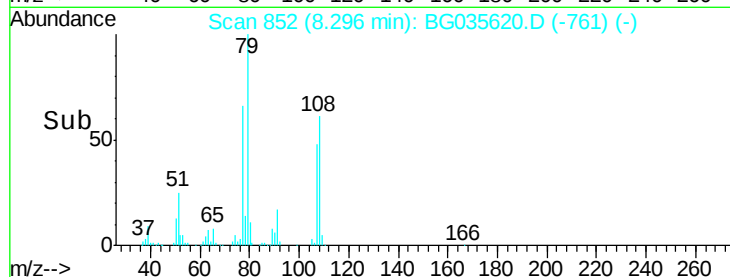
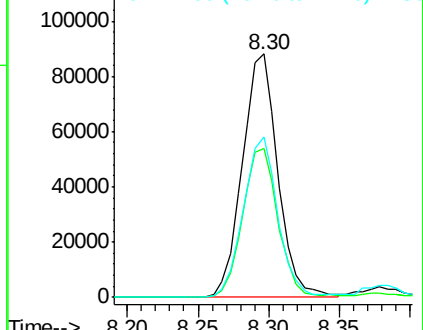
79 100

108 61.1 57.2 85.8

77 65.7 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.005 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

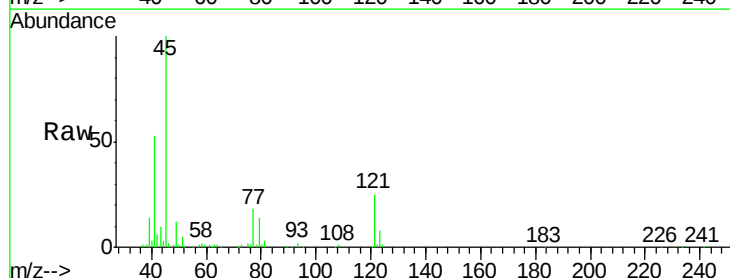
Tgt Ion: 45 Resp: 157790

Ion Ratio Lower Upper

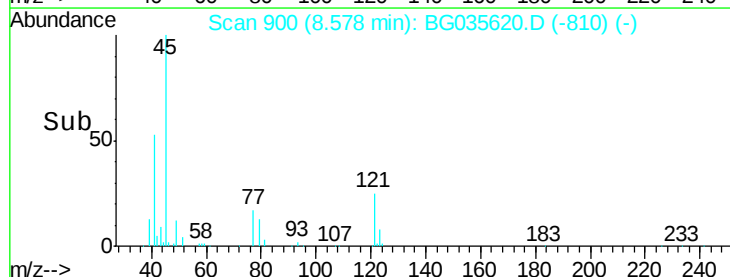
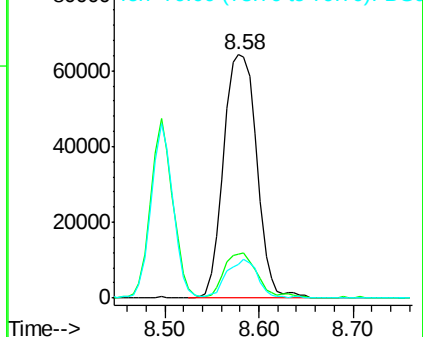
45 100

77 18.0 0.0 30.2

79 13.9 0.0 27.9



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

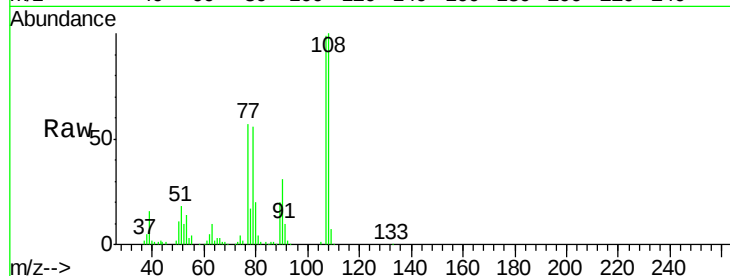




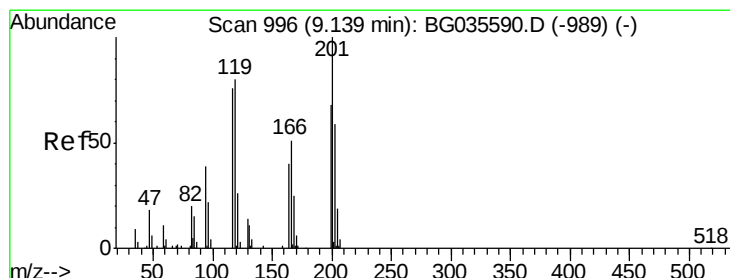
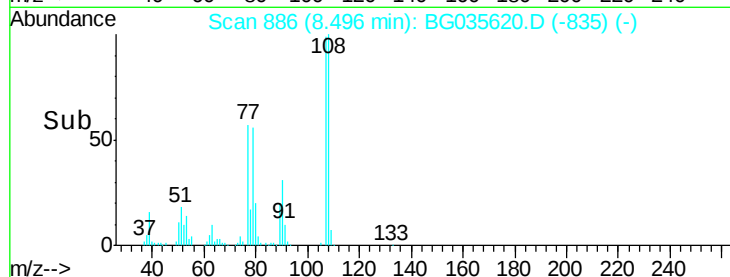
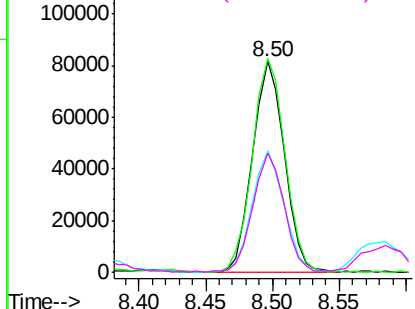
#17
2-Methylphenol
Concen: 42.657 ng
RT: 8.50 min Scan# 886
Delta R.T. -0.00 min
Lab File: BG035620.D
Acq: 13 Jul 2018 8:12

Instrument :
BNA_G
ClientSampleId :
PB111045BS

Tgt Ion:	107	Resp:	134027
Ion	Ratio	Lower	Upper
107	100		
108	101.3	83.9	125.9
77	58.0	37.2	55.8#
79	56.4	36.2	54.2#

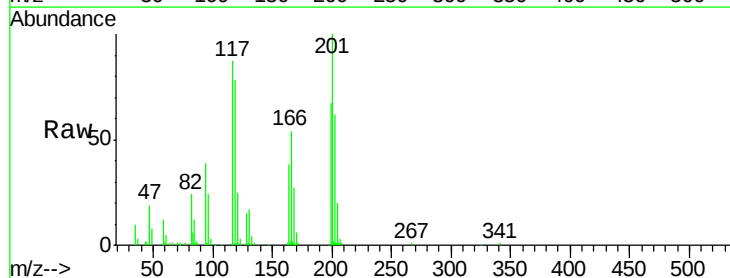


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

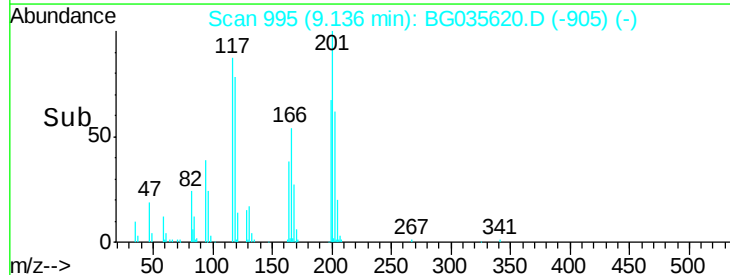
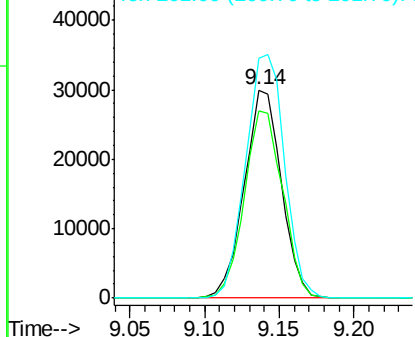


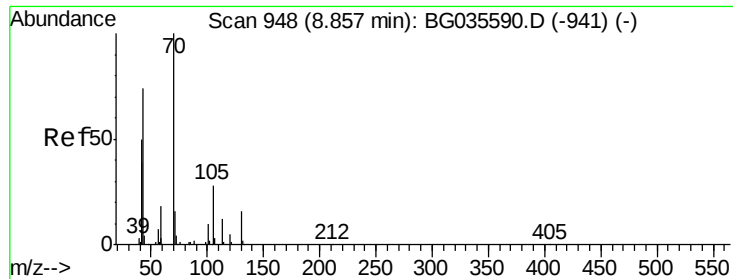
#18
Hexachloroethane
Concen: 35.130 ng
RT: 9.14 min Scan# 995
Delta R.T. -0.00 min
Lab File: BG035620.D
Acq: 13 Jul 2018 8:12

Tgt Ion:	117	Resp:	51388
Ion	Ratio	Lower	Upper
117	100		
119	90.0	76.7	115.1
201	115.3	95.7	143.5



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

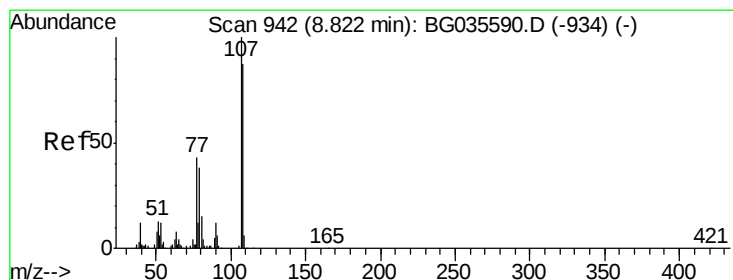
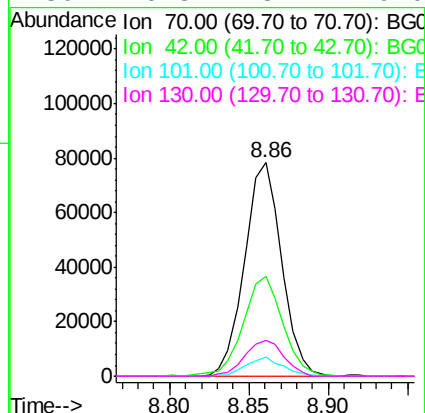
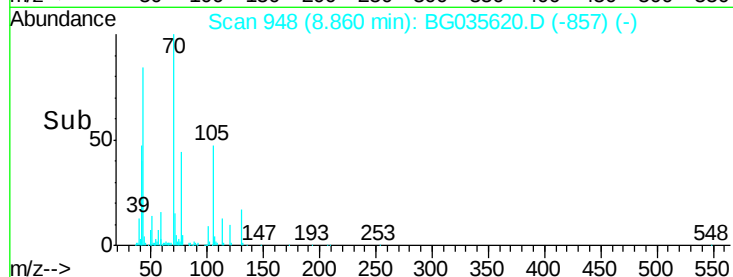
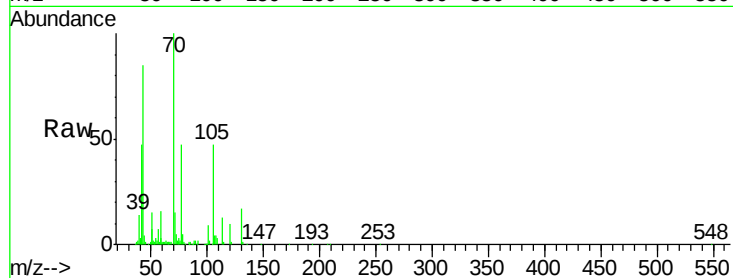




#19
n-Nitroso-di-n-propylamine
Concen: 33.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG035620.D
Acq: 13 Jul 2018 8:12

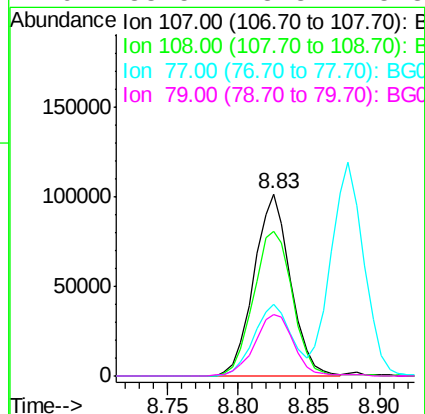
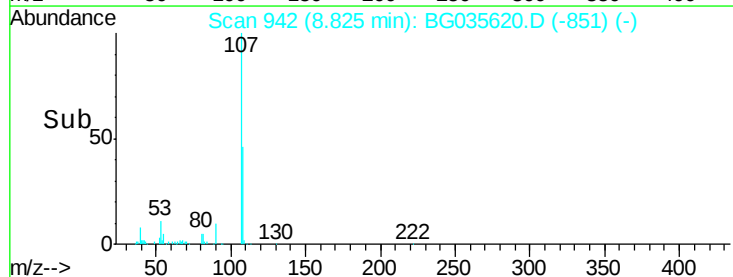
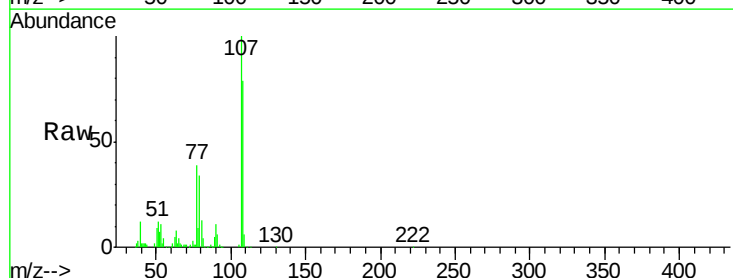
Instrument :
BNA_G
ClientSampleId :
PB111045BS

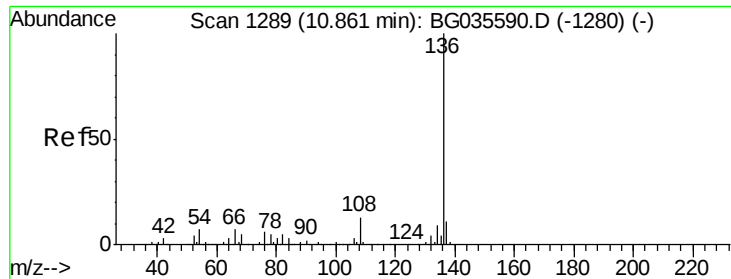
Tgt Ion: 70 Resp: 127107
Ion Ratio Lower Upper
70 100
42 46.5 49.1 73.7#
101 8.8 8.5 12.7
130 16.8 13.4 20.0



#20
3+4-Methylphenols
Concen: 42.086 ng
RT: 8.83 min Scan# 942
Delta R.T. 0.00 min
Lab File: BG035620.D
Acq: 13 Jul 2018 8:12

Tgt Ion: 107 Resp: 183441
Ion Ratio Lower Upper
107 100
108 79.3 61.6 101.6
77 39.0 13.9 53.9
79 33.5 8.8 48.8

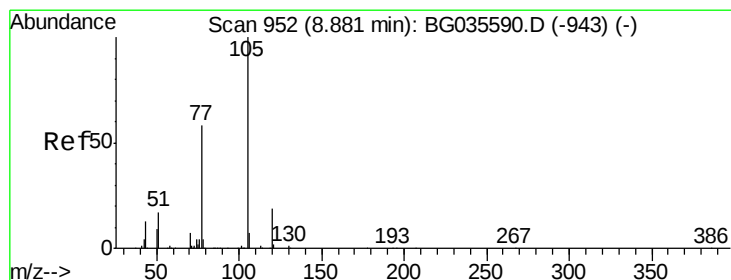
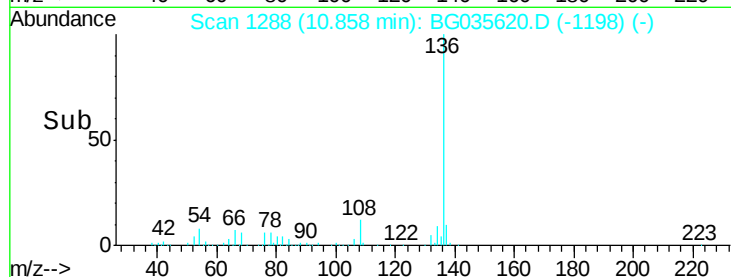
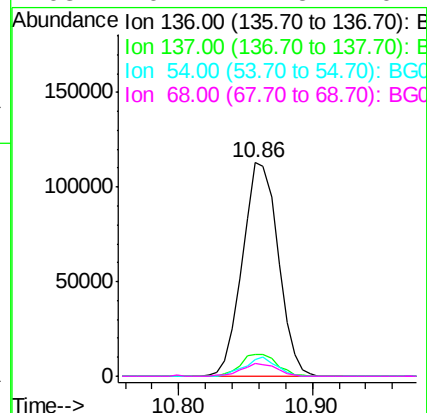
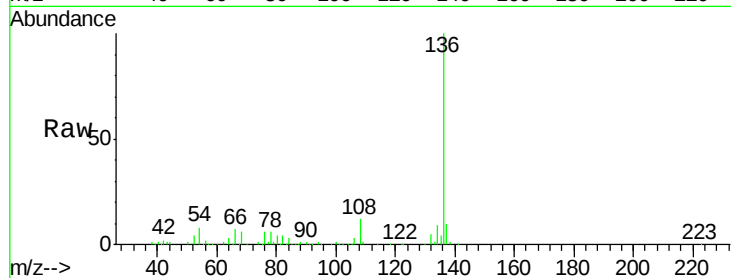




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BG035620.D
Acq: 13 Jul 2018 8:12

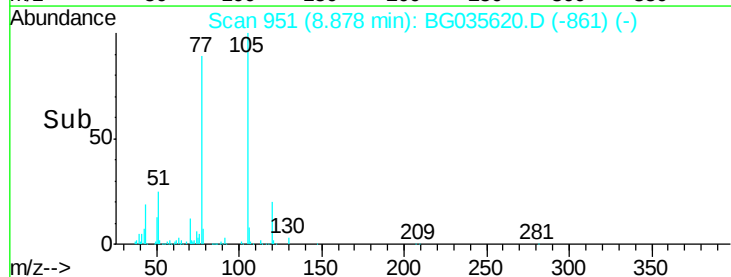
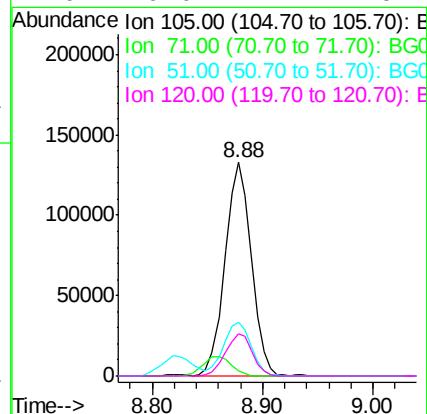
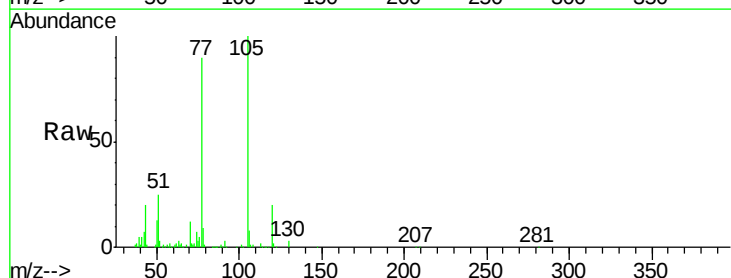
Instrument :
BNA_G
ClientSampleId :
PB111045BS

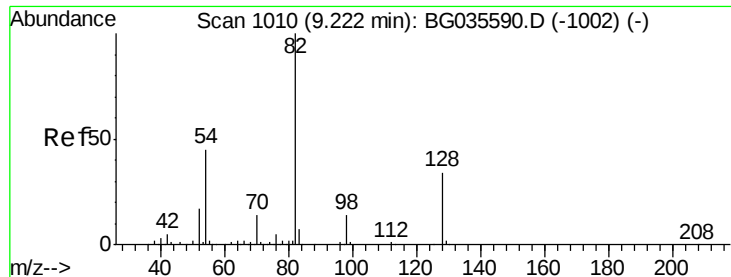
Tgt Ion:	136	Resp:	208843
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.8	10.3	15.5#
68	6.1	4.5	6.7



#22
Acetophenone
Concen: 34.176 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG035620.D
Acq: 13 Jul 2018 8:12

Tgt Ion:	105	Resp:	221955
Ion	Ratio	Lower	Upper
105	100		
71	2.3	3.0	4.4#
51	25.2	26.1	39.1#
120	20.0	17.4	26.2

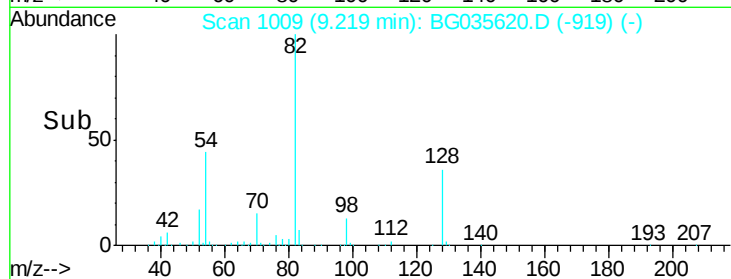
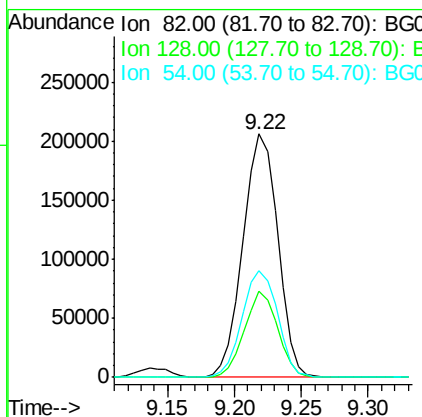
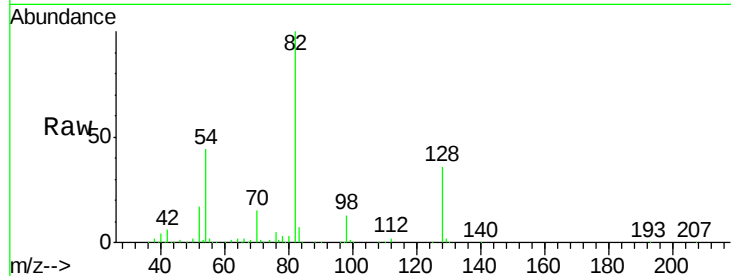




#23
 Nitrobenzene-d5
 Concen: 74.255 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

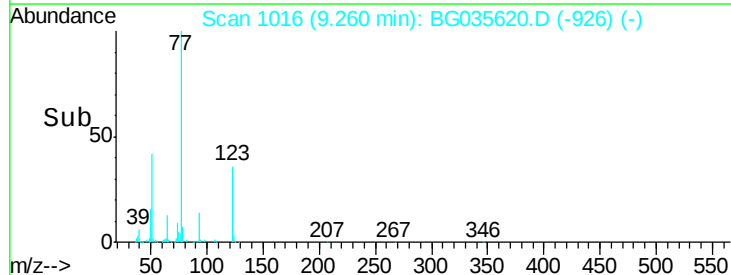
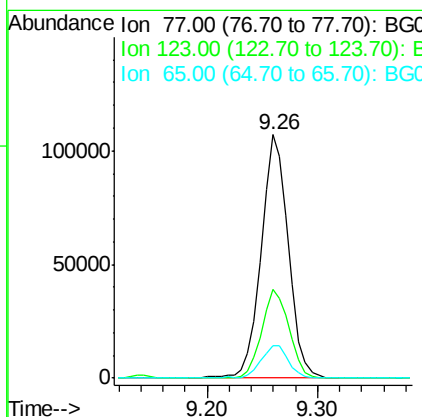
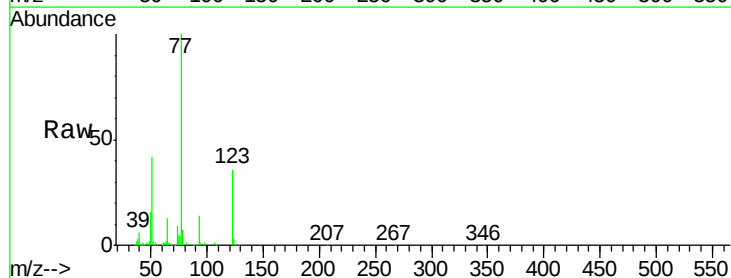
Instrument :
 BNA_G
 ClientSampleId :
 PB111045BS

Tgt Ion: 82 Resp: 371221
 Ion Ratio Lower Upper
 82 100
 128 35.5 29.7 44.5
 54 43.6 43.1 64.7



#24
 Nitrobenzene
 Concen: 36.679 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

Tgt Ion: 77 Resp: 184412
 Ion Ratio Lower Upper
 77 100
 123 36.2 33.0 49.6
 65 13.3 13.0 19.6





#25

Isophorone

Concen: 39.101 ng

RT: 9.78 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

PB111045BS

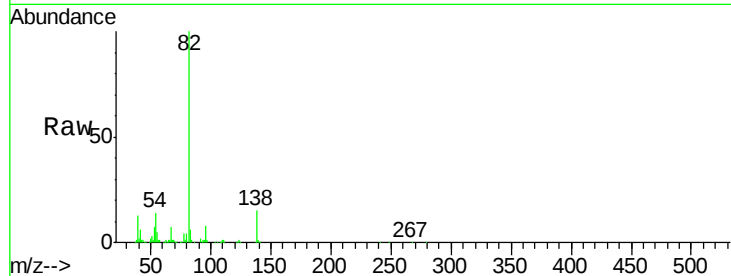
Tgt Ion: 82 Resp: 362868

Ion Ratio Lower Upper

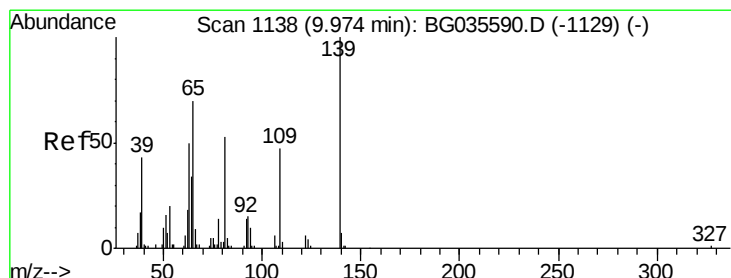
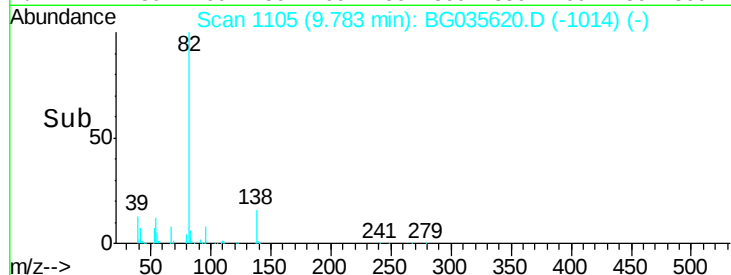
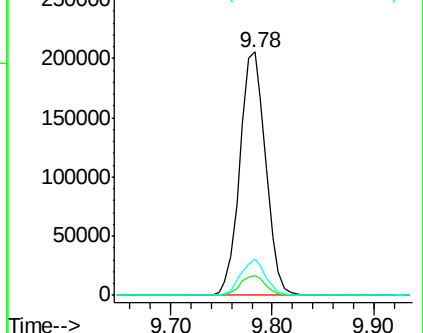
82 100

95 8.0 6.2 9.2

138 15.1 12.1 18.1



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



#26

2-Nitrophenol

Concen: 41.469 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

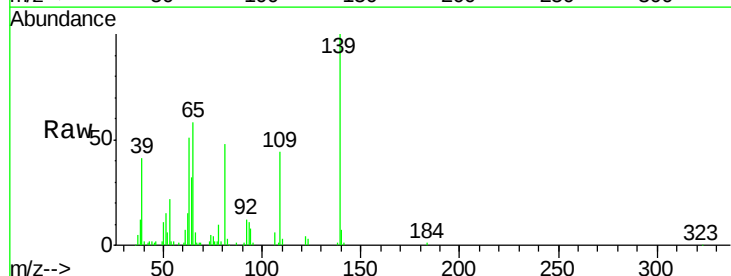
Tgt Ion: 139 Resp: 74047

Ion Ratio Lower Upper

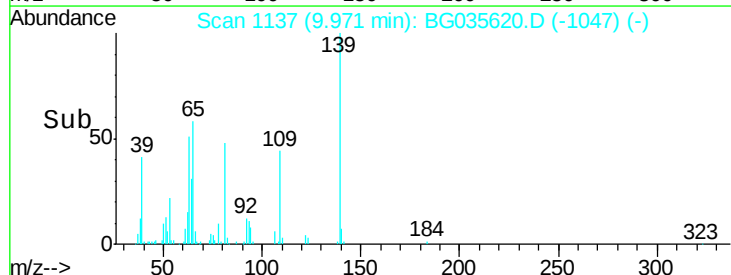
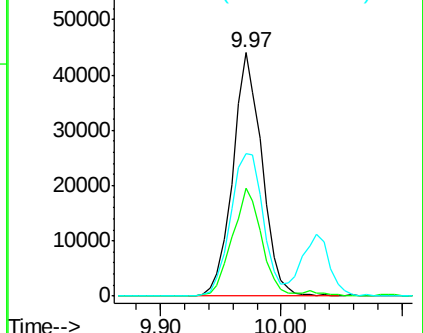
139 100

109 44.5 24.2 36.2#

65 58.4 47.4 71.0



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

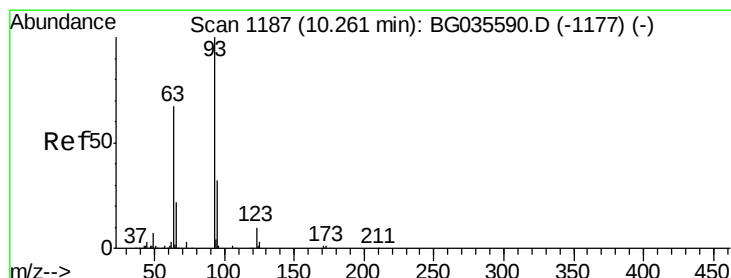
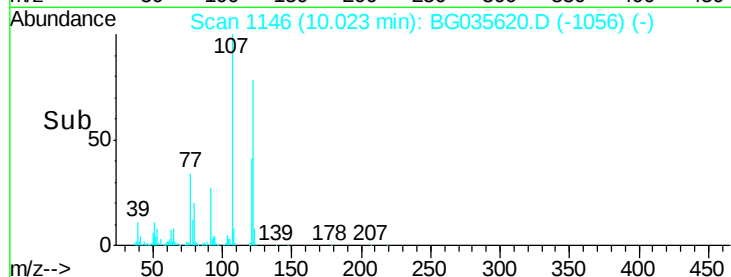
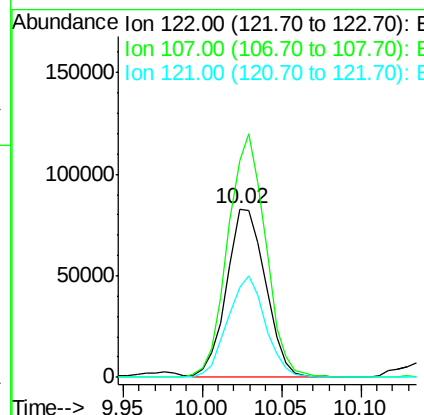
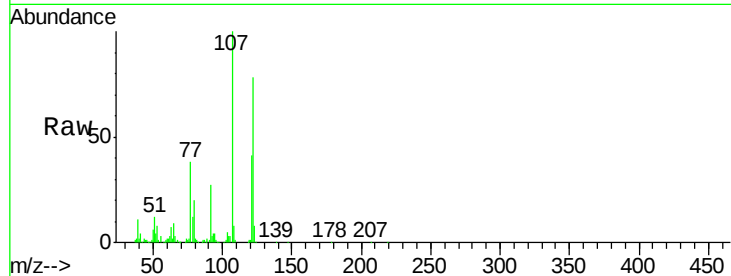




#27
 2,4-Dimethylphenol
 Concen: 46.432 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

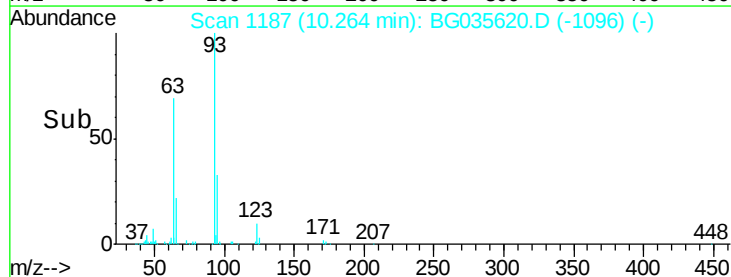
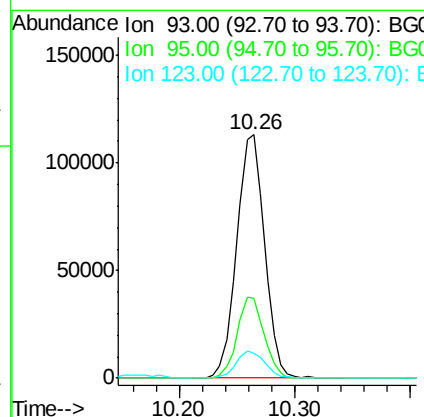
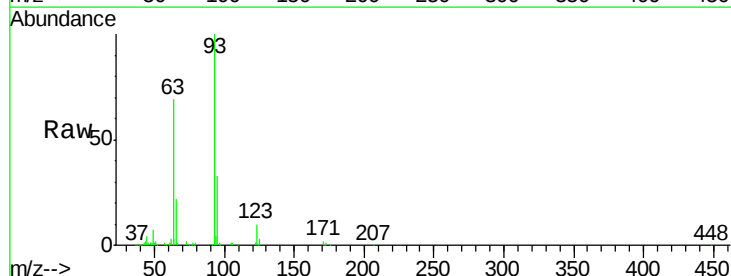
Instrument :
 BNA_G
 ClientSampleId :
 PB111045BS

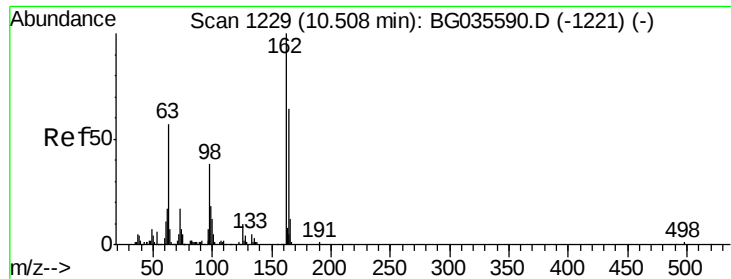
Tgt Ion	Ratio	Lower	Upper
122	100		
107	128.7	100.2	150.2
121	53.2	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.035 ng
 RT: 10.26 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	24.3	36.5
123	10.0	8.4	12.6

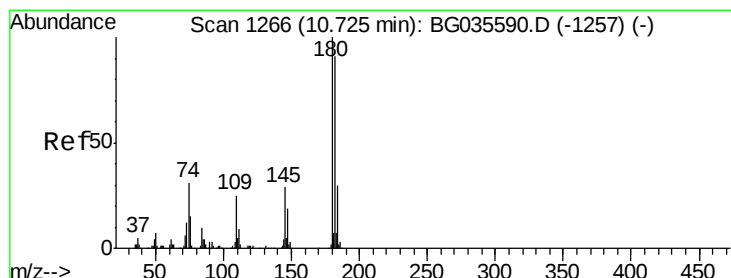
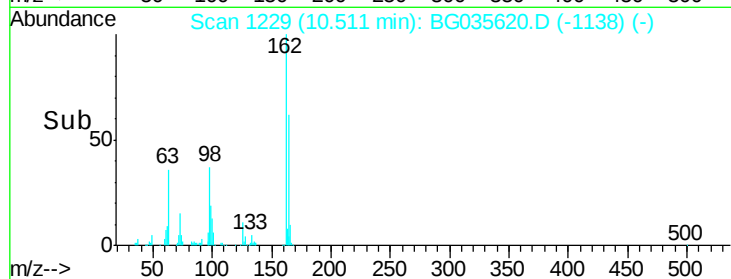
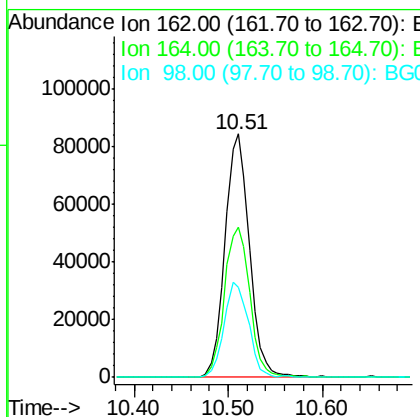
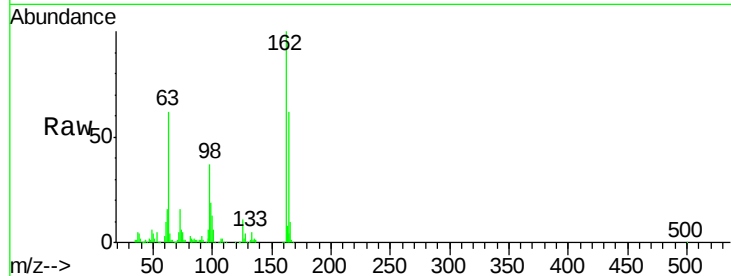




#29
 2,4-Dichlorophenol
 Concen: 44.422 ng
 RT: 10.51 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

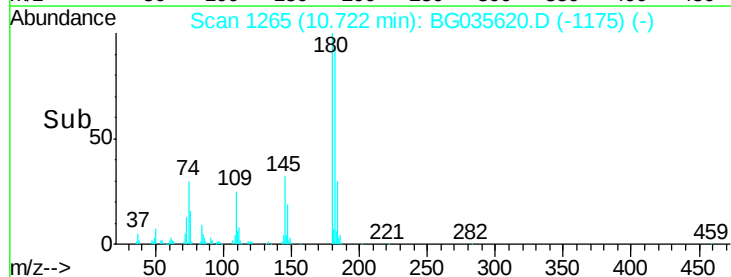
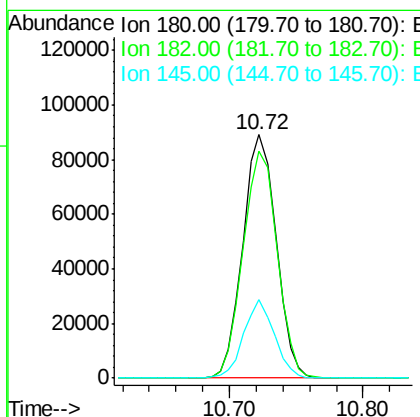
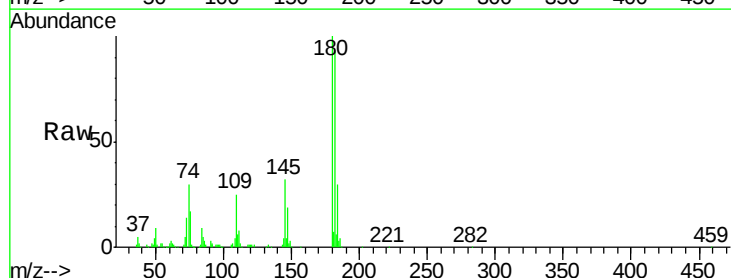
Instrument :
 BNA_G
 ClientSampleId :
 PB111045BS

Tgt Ion:162 Resp: 153268
 Ion Ratio Lower Upper
 162 100
 164 61.8 48.0 88.0
 98 36.8 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.443 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

Tgt Ion:180 Resp: 154183
 Ion Ratio Lower Upper
 180 100
 182 93.2 77.5 116.3
 145 32.3 23.4 35.2

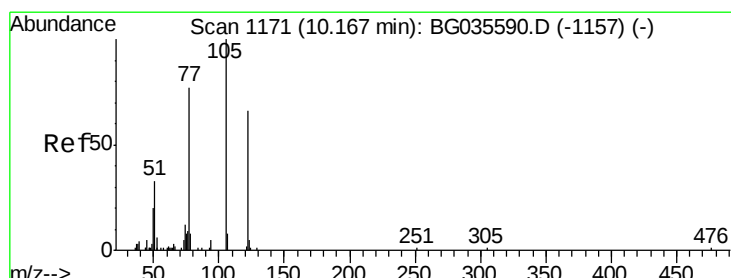
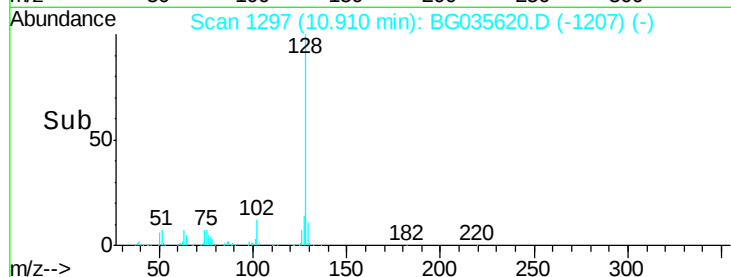
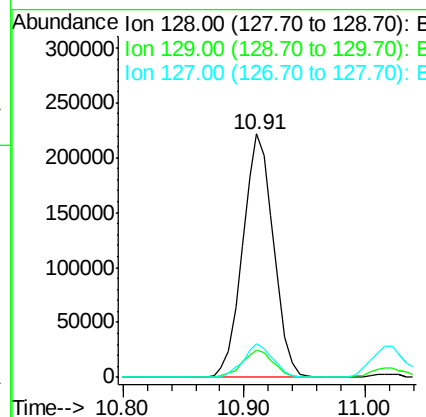
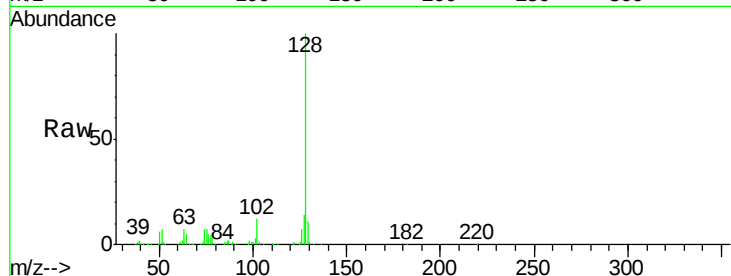




#31
Naphthalene
Concen: 36.015 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG035620.D
Acq: 13 Jul 2018 8:12

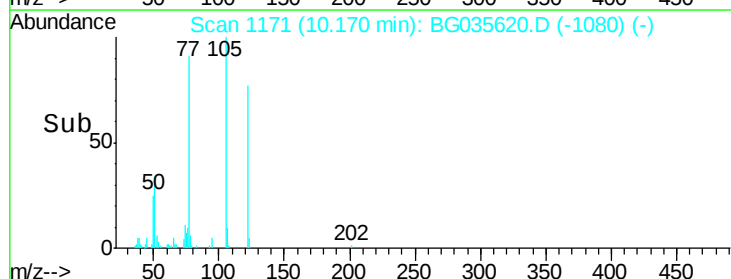
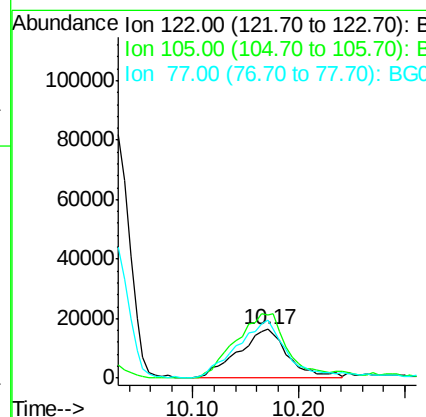
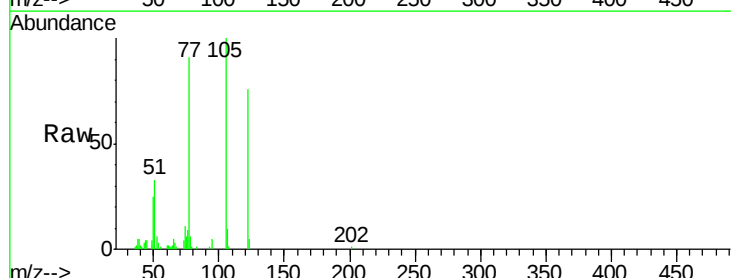
Instrument :
BNA_G
ClientSampleId :
PB111045BS

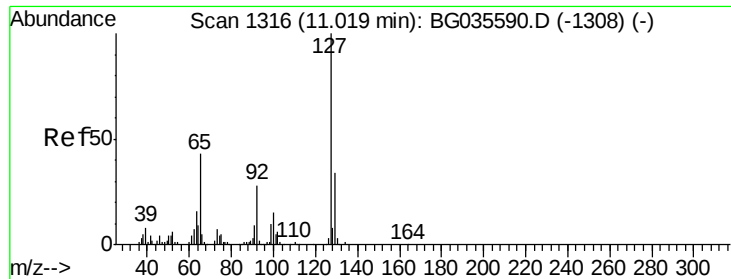
Tgt Ion:	128	Resp:	391800
Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.7	11.6	17.4



#32
Benzoic acid
Concen: 25.876 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG035620.D
Acq: 13 Jul 2018 8:12

Tgt Ion:	122	Resp:	52650
Ion	Ratio	Lower	Upper
122	100		
105	130.8	123.5	163.5
77	119.5	85.7	125.7

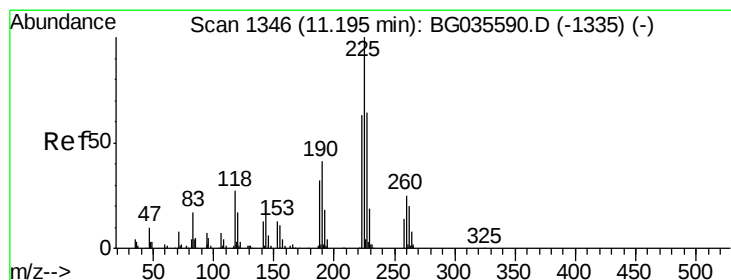
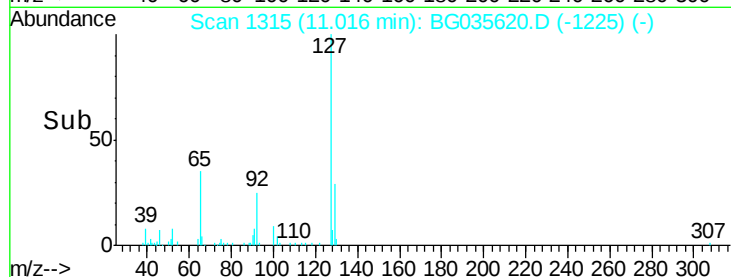
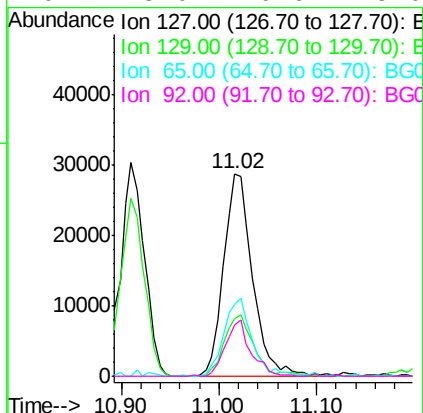
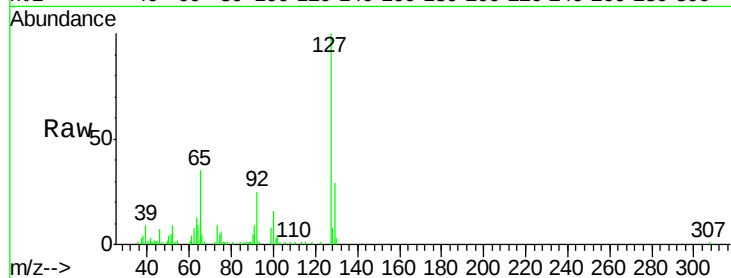




#33
4-Chloroaniline
Concen: 12.447 ng
RT: 11.02 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG035620.D
Acq: 13 Jul 2018 8:12

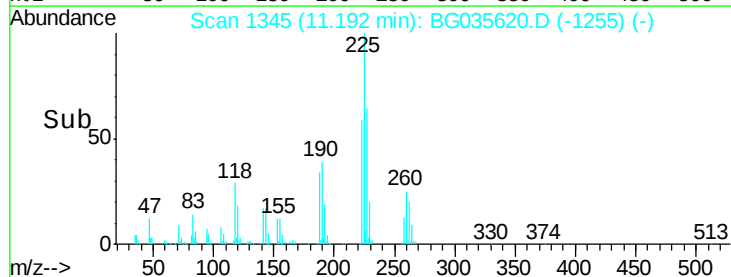
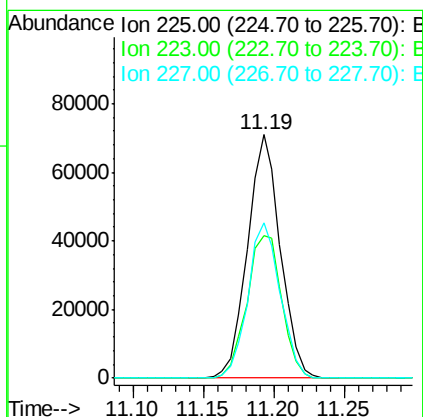
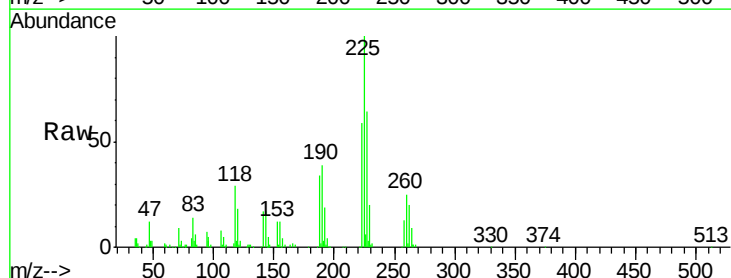
Instrument :
BNA_G
ClientSampleId :
PB111045BS

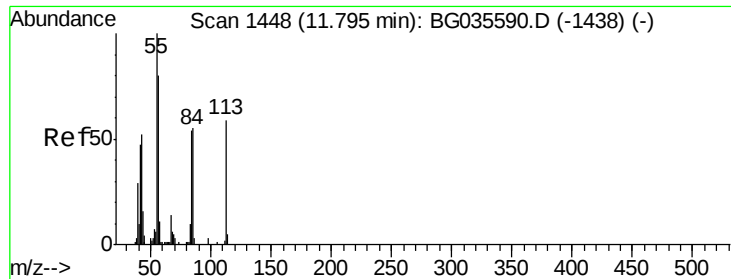
Tgt Ion	Ratio	Lower	Upper
127	100		
129	28.8	24.0	36.0
65	35.2	27.0	40.4
92	25.0	16.6	25.0



#34
Hexachlorobutadiene
Concen: 35.007 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG035620.D
Acq: 13 Jul 2018 8:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.6	49.7	74.5
227	63.7	48.1	72.1

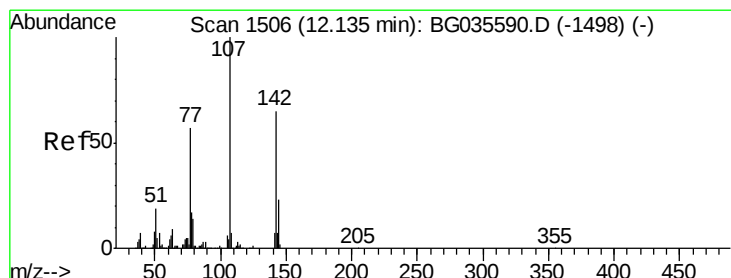
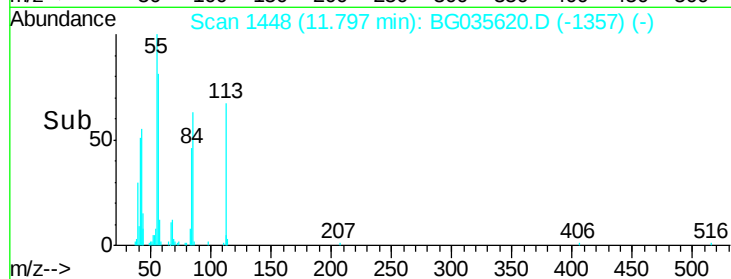
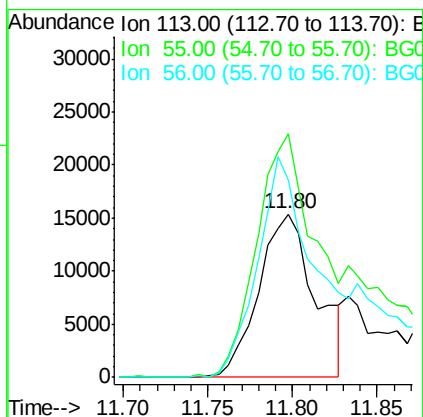
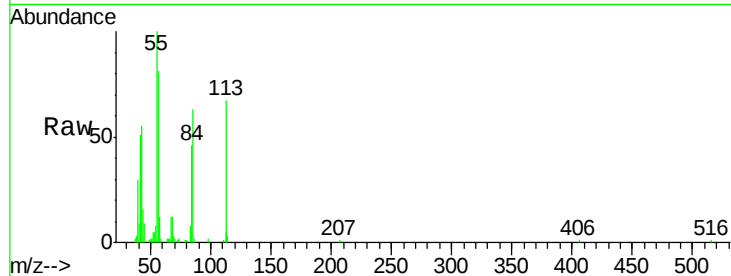




#35
 Caprolactam
 Concen: 24.193 ng
 RT: 11.80 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

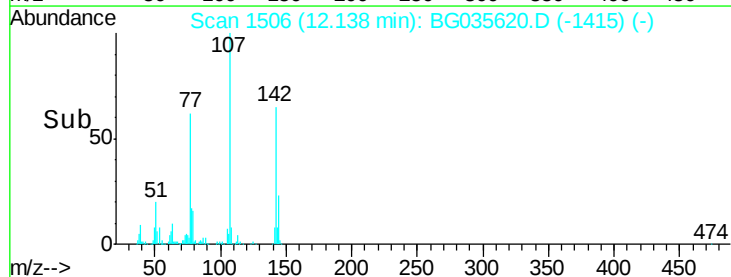
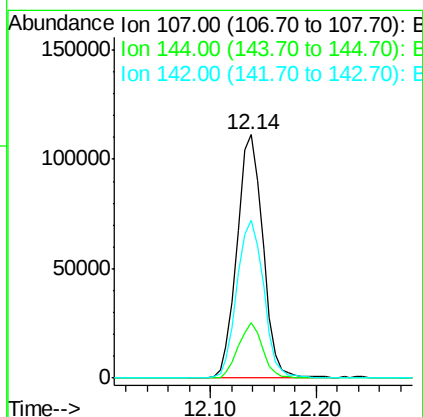
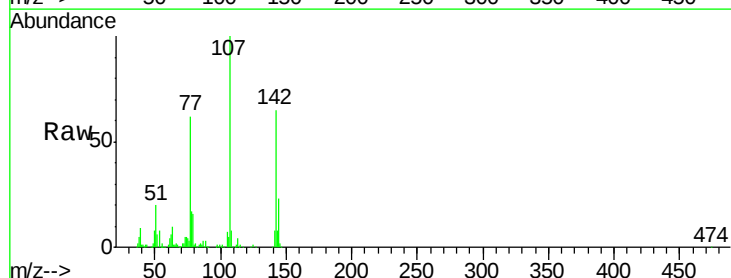
Instrument :
 BNA_G
 ClientSampleId :
 PB111045BS

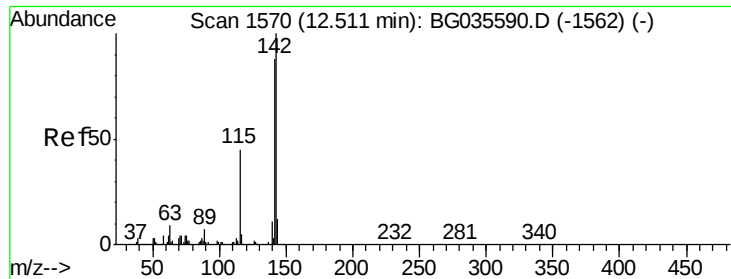
Tgt Ion:113 Resp: 35821
 Ion Ratio Lower Upper
 113 100
 55 149.3 186.9 226.9#
 56 121.3 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 40.814 ng
 RT: 12.14 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

Tgt Ion:107 Resp: 188756
 Ion Ratio Lower Upper
 107 100
 144 22.6 18.2 27.4
 142 65.0 59.0 88.4

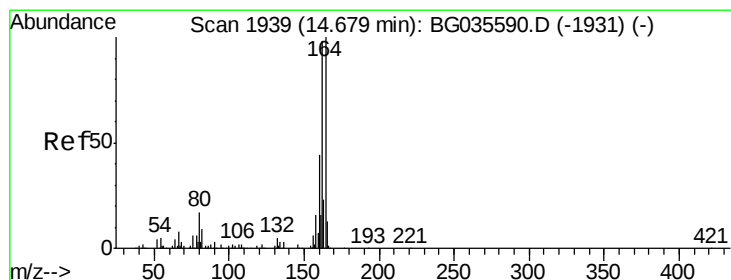
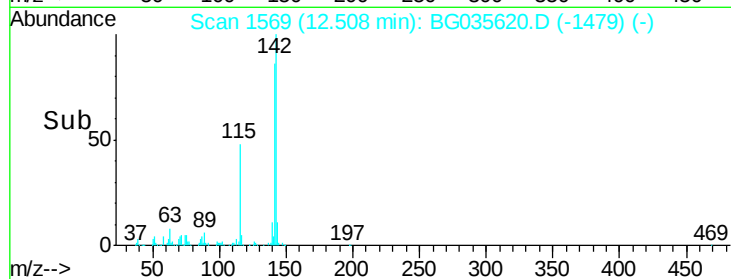
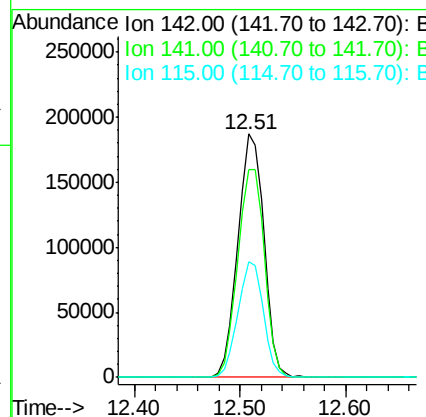
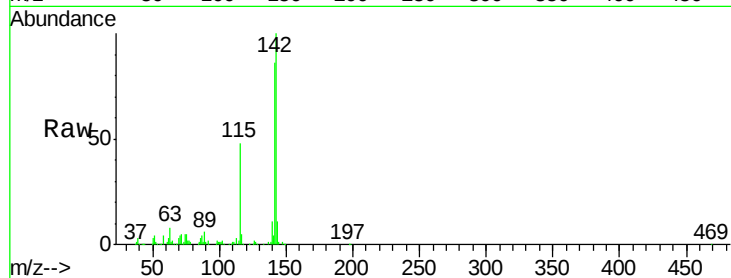




#37
 2-Methylnaphthalene
 Concen: 39.196 ng
 RT: 12.51 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

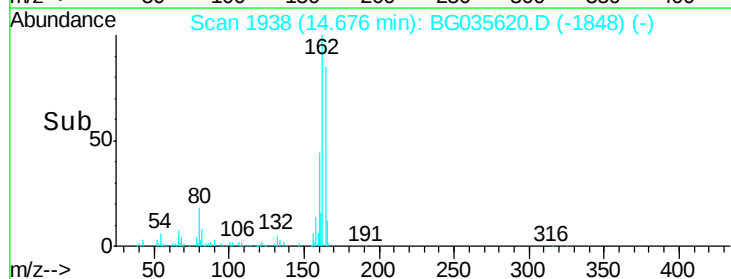
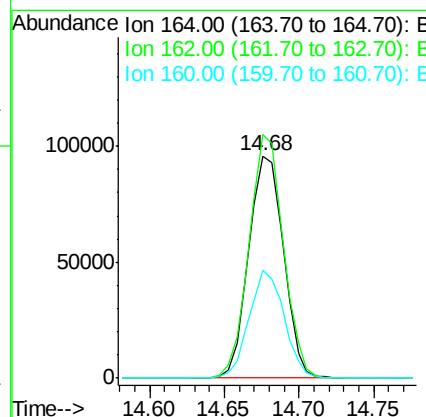
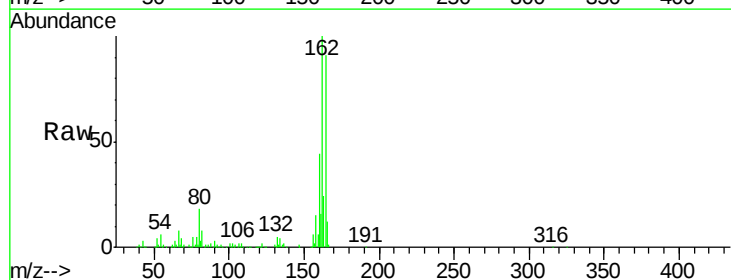
Instrument :
 BNA_G
 ClientSampleId :
 PB111045BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.5	67.1	100.7
115	47.6	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: BG035620.D
 Acq: 13 Jul 2018 8:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.6	78.8	118.2
160	48.4	35.4	53.0

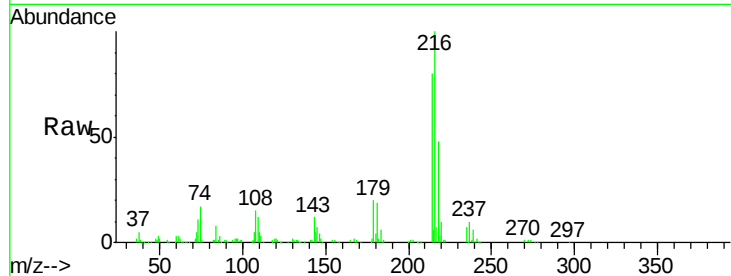




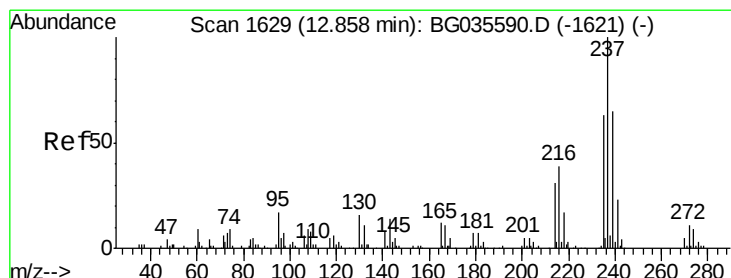
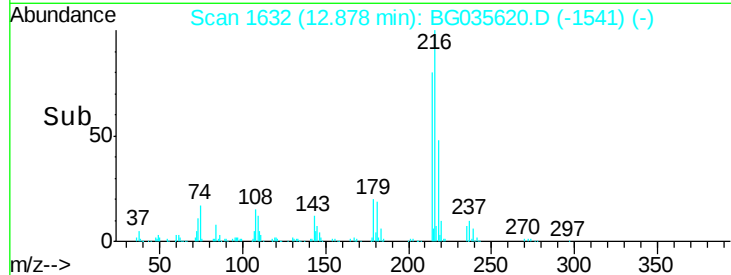
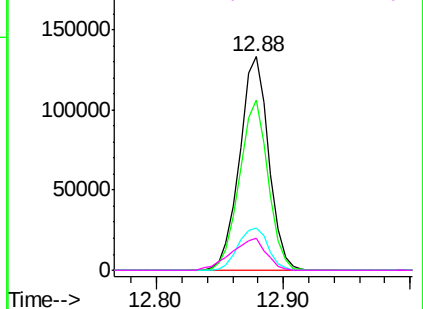
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.263 ng
 RT: 12.88 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

Instrument :
 BNA_G
 ClientSampleId :
 PB111045BS

Tgt Ion:	216	Resp:	211104
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	20.6	17.0	25.6
108	17.9	12.8	19.2

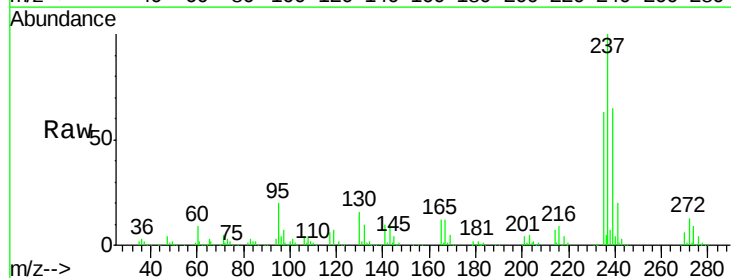


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

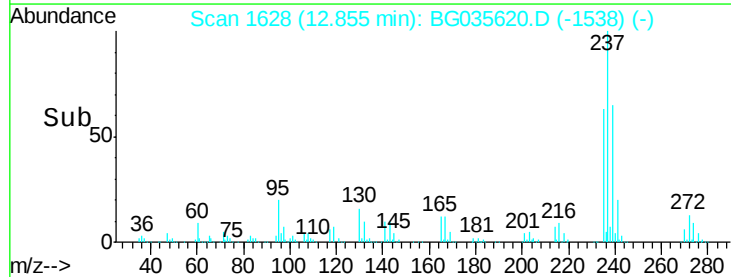
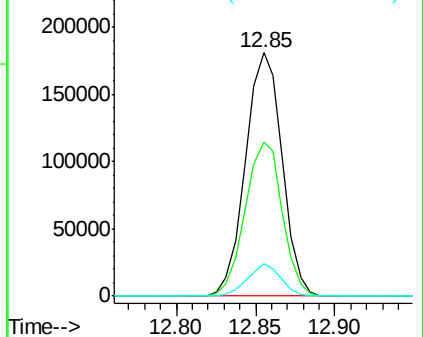


#40
 Hexachlorocyclopentadiene
 Concen: 95.113 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

Tgt Ion:	237	Resp:	290384
Ion	Ratio	Lower	Upper
237	100		
235	63.2	50.4	90.4
272	13.2	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: 121.646 ng

RT: 16.17 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

PB111045BS

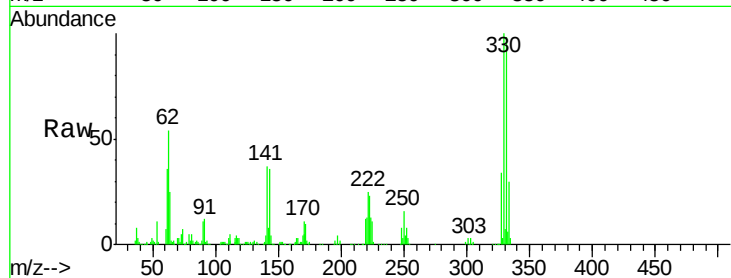
Tgt Ion:330 Resp: 247300

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

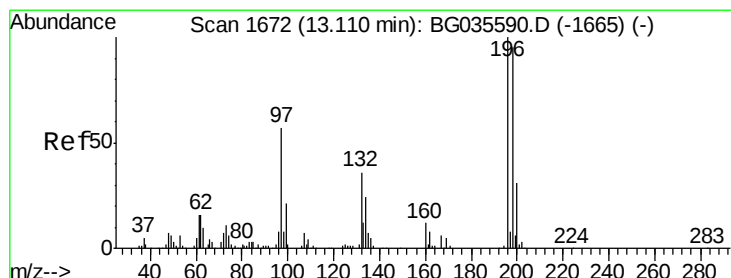
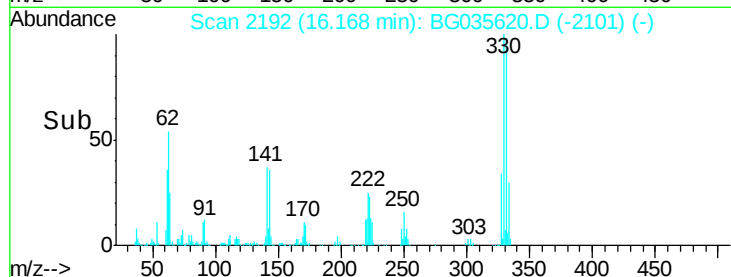
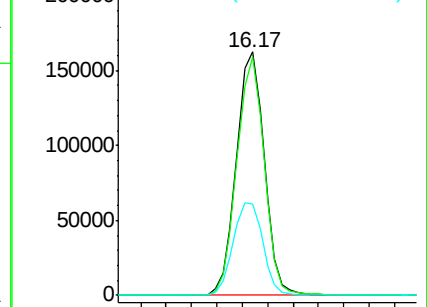
141 40.2 25.2 37.8#



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: 40.366 ng

RT: 13.11 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

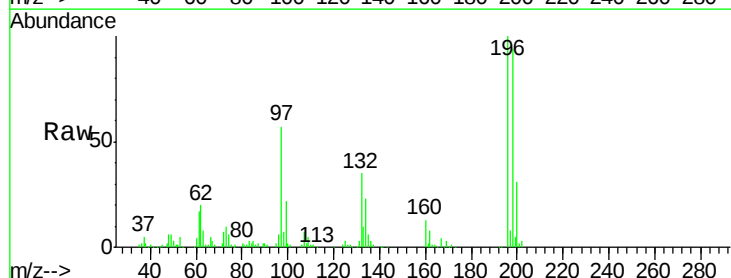
Tgt Ion:196 Resp: 137422

Ion Ratio Lower Upper

196 100

198 93.8 78.2 117.2

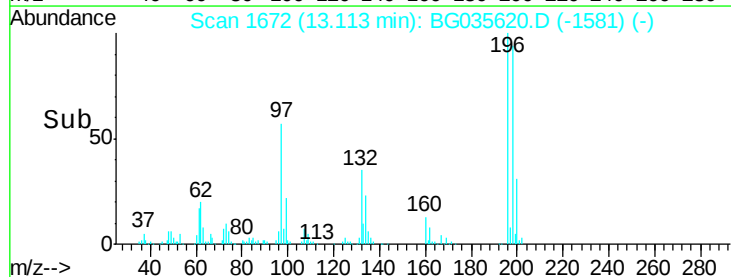
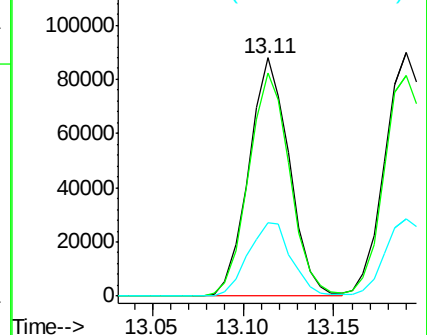
200 30.6 24.6 36.8

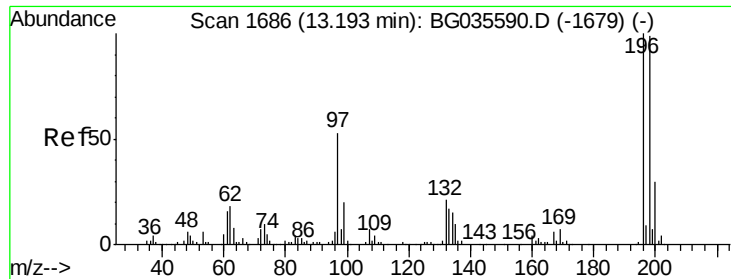


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

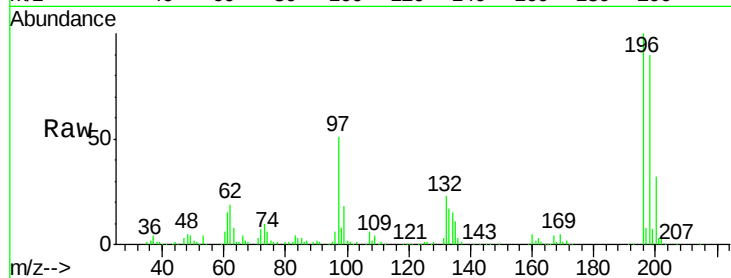




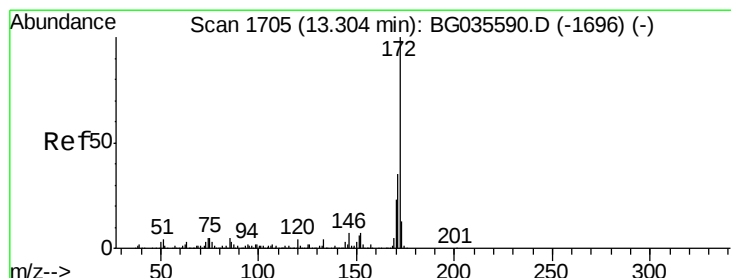
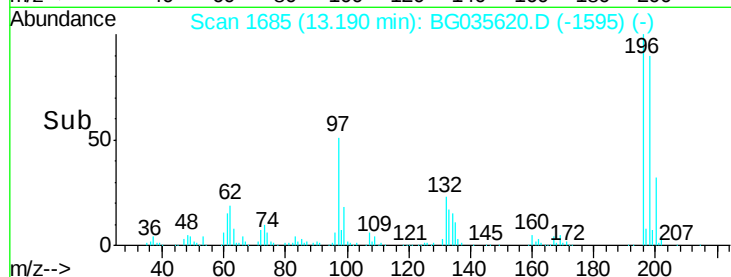
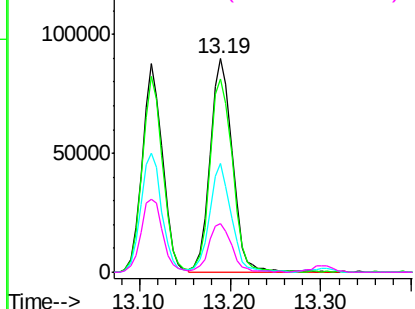
#43
2,4,5-Trichlorophenol
Concen: 40.144 ng
RT: 13.19 min Scan# 1685
Delta R.T. -0.00 min
Lab File: BG035620.D
Acq: 13 Jul 2018 8:12

Instrument :
BNA_G
ClientSampleId :
PB111045BS

Tgt Ion:196 Resp: 152889
Ion Ratio Lower Upper
196 100
198 90.4 76.2 114.4
97 51.2 38.7 58.1
132 22.8 20.2 30.2

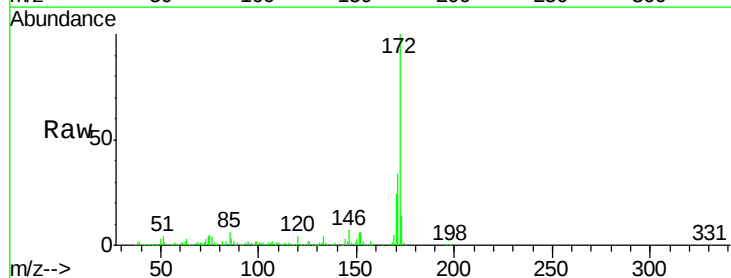


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

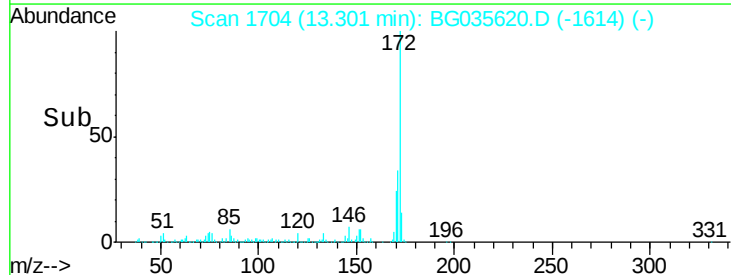
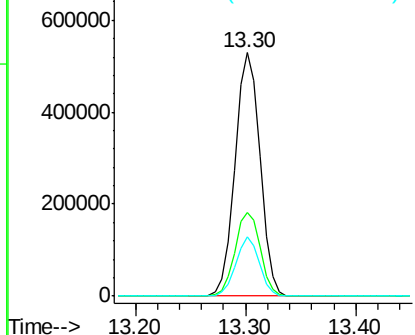


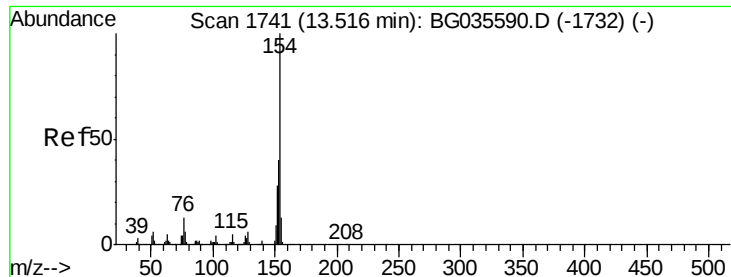
#44
2-Fluorobiphenyl
Concen: 73.050 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BG035620.D
Acq: 13 Jul 2018 8:12

Tgt Ion:172 Resp: 840987
Ion Ratio Lower Upper
172 100
171 34.3 30.0 45.0
170 24.3 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

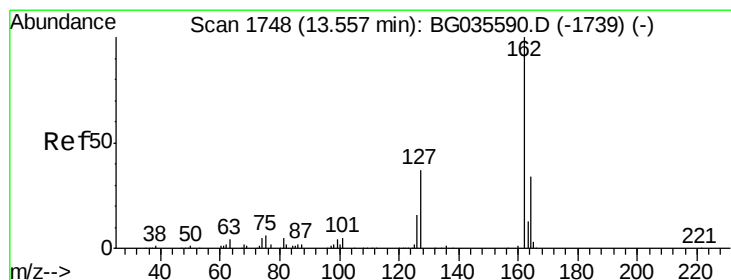
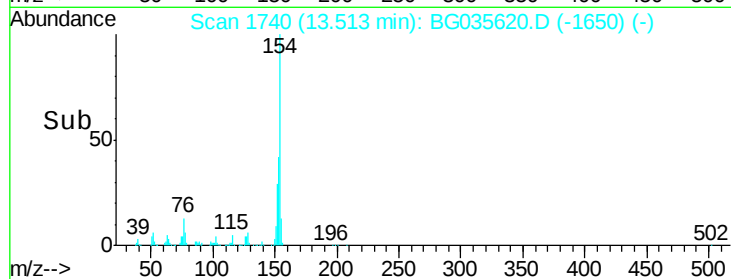
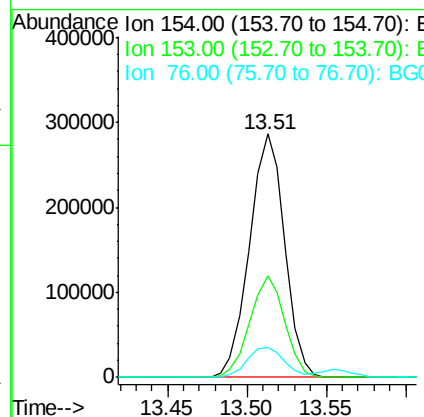
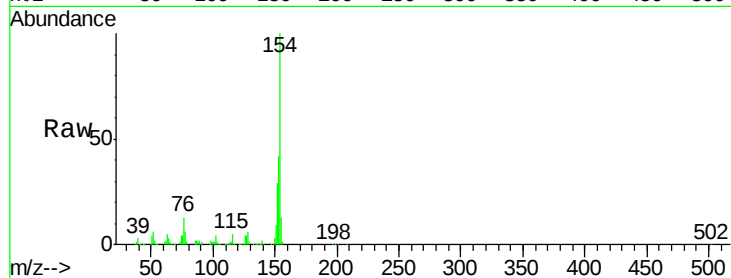




#45
 1,1'-Biphenyl
 Concen: 36.834 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

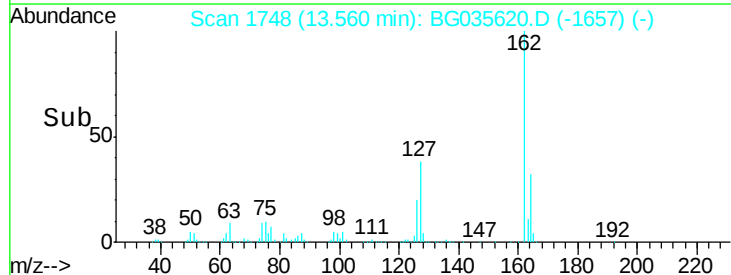
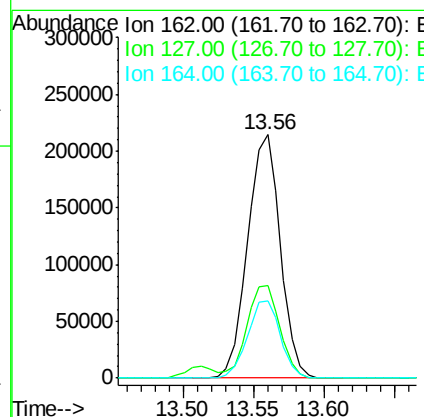
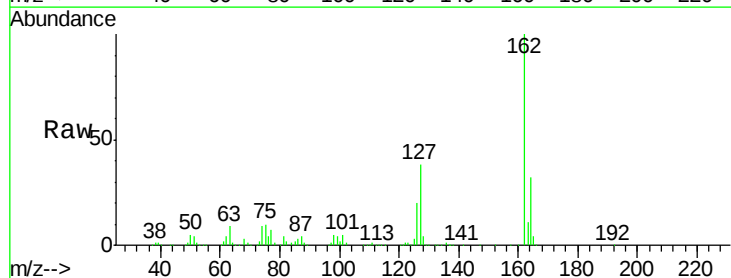
Instrument :
 BNA_G
 ClientSampleId :
 PB111045BS

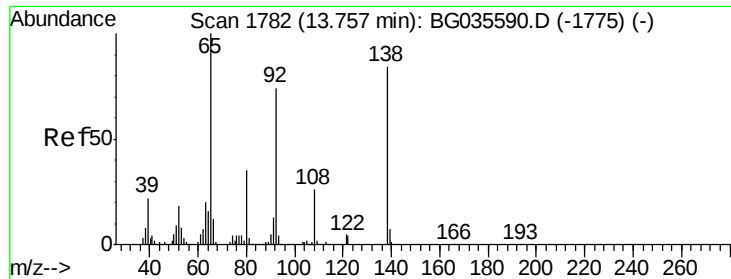
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	19.8	59.8
76	12.5	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 37.371 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	30.7	46.1
164	31.8	26.0	39.0

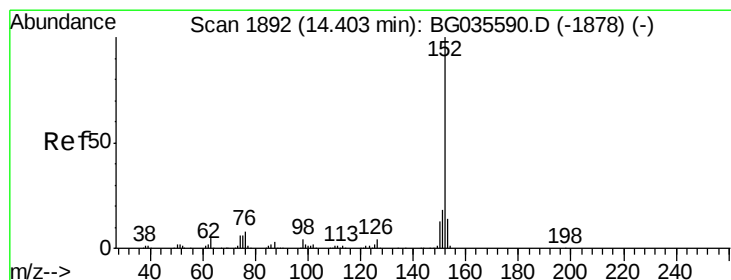
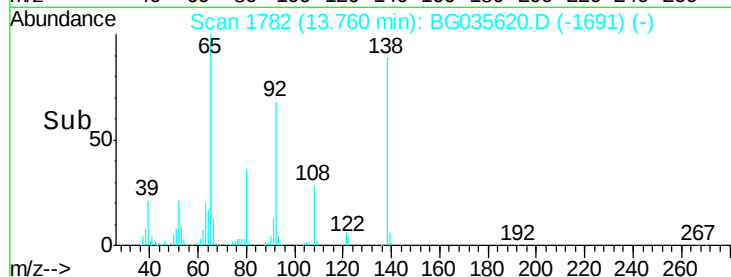
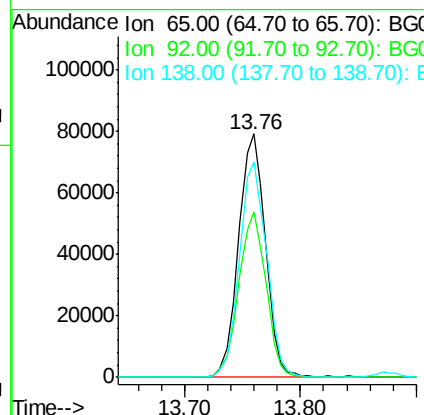
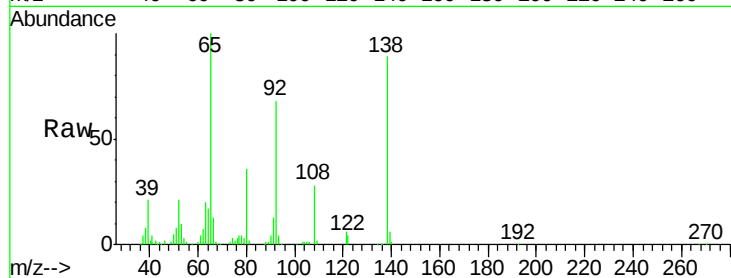




#47
2-Nitroaniline
Concen: 38.861 ng
RT: 13.76 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG035620.D
Acq: 13 Jul 2018 8:12

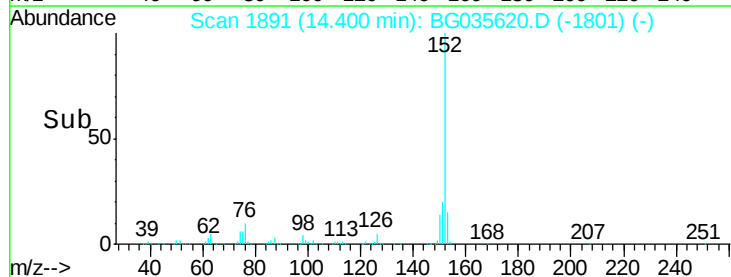
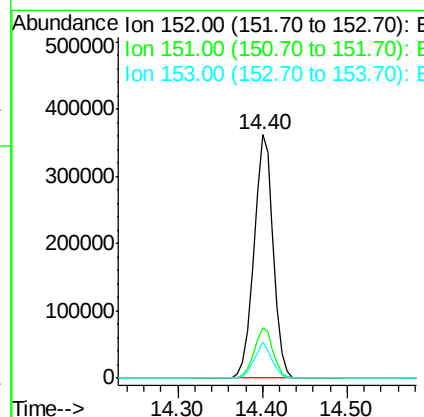
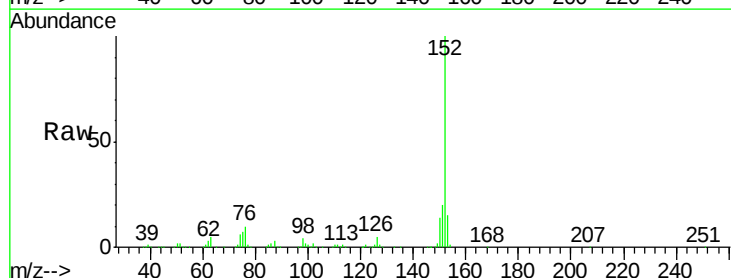
Instrument :
BNA_G
ClientSampleId :
PB111045BS

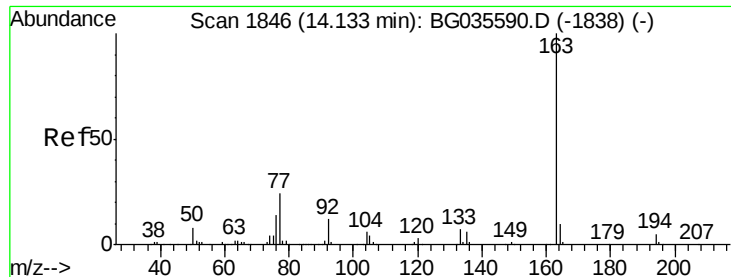
Tgt Ion: 65 Resp: 127790
Ion Ratio Lower Upper
65 100
92 68.1 54.6 82.0
138 88.7 72.9 109.3



#48
Acenaphthylene
Concen: 36.793 ng
RT: 14.40 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BG035620.D
Acq: 13 Jul 2018 8:12

Tgt Ion: 152 Resp: 573274
Ion Ratio Lower Upper
152 100
151 20.5 17.2 25.8
153 14.7 10.2 15.4





#49

Dimethylphthalate

Concen: 35.621 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

PB111045BS

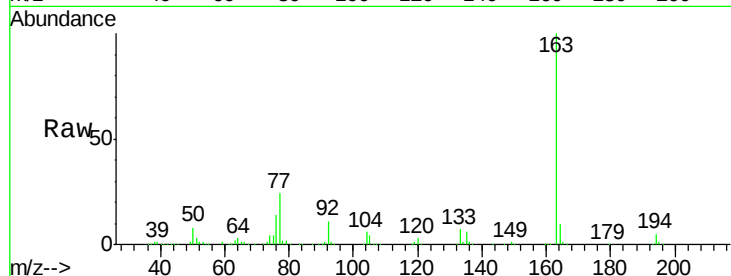
Tgt Ion:163 Resp: 481366

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

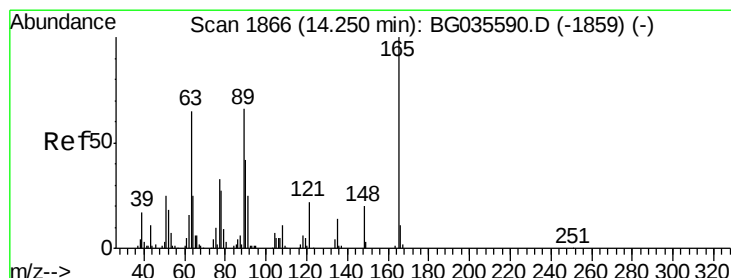
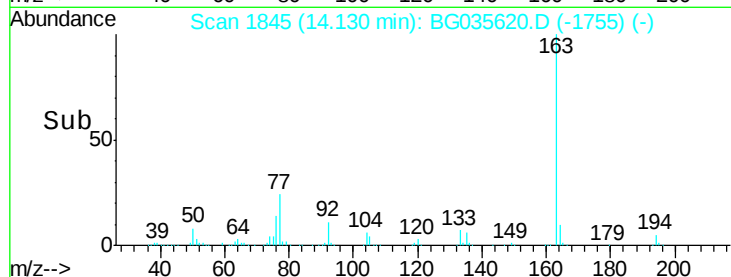
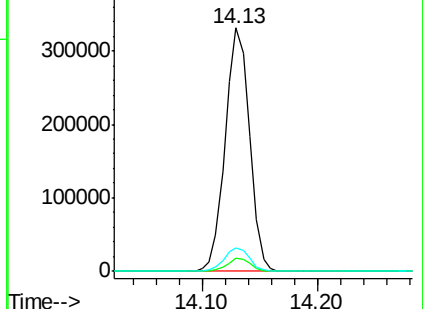
164 9.7 8.2 12.4



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: 38.881 ng

RT: 14.25 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

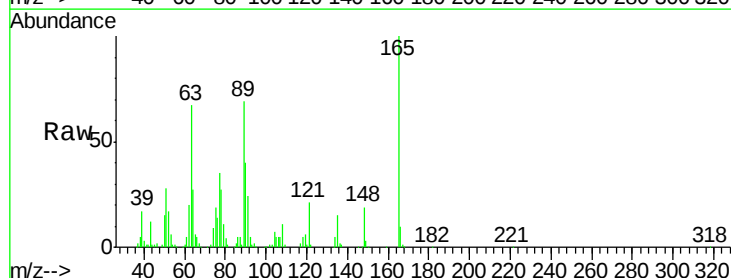
Tgt Ion:165 Resp: 106995

Ion Ratio Lower Upper

165 100

63 66.7 52.7 79.1

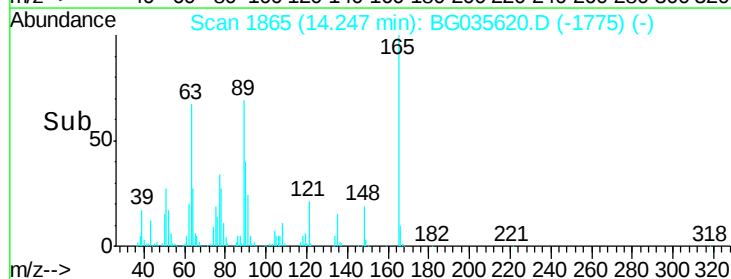
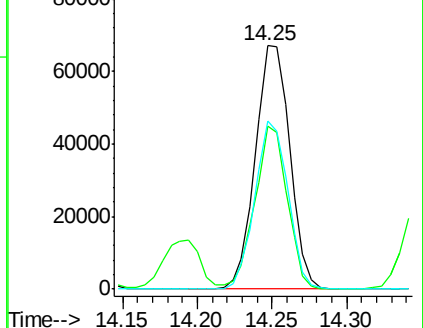
89 68.9 49.2 73.8

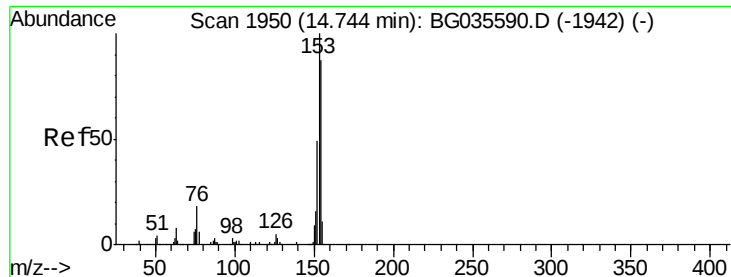


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 34.693 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

PB111045BS

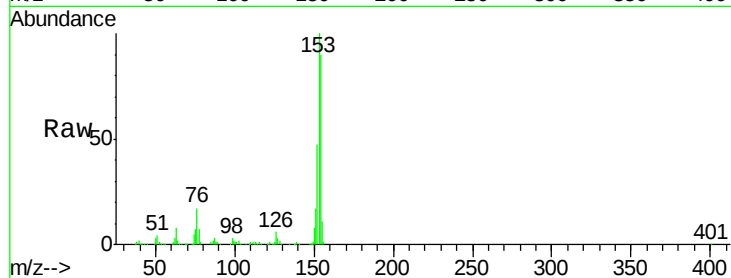
Tgt Ion:154 Resp: 336725

Ion Ratio Lower Upper

154 100

153 111.6 90.4 135.6

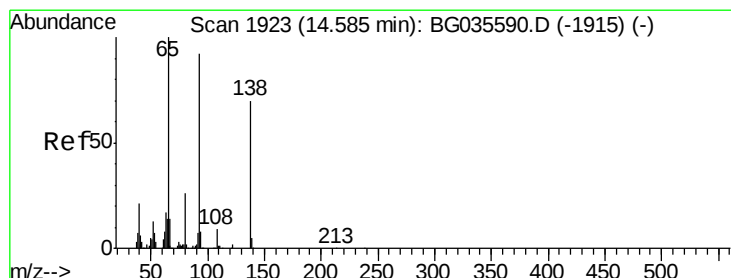
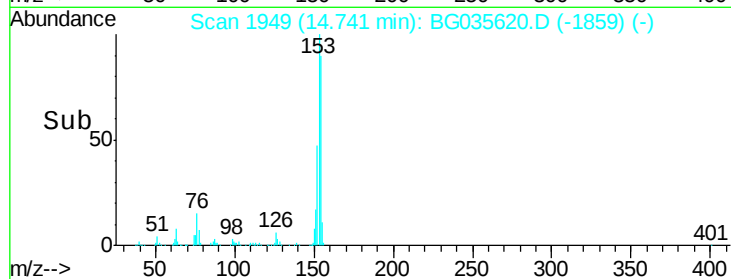
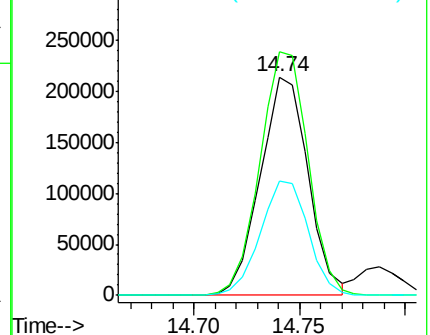
152 52.2 41.6 62.4



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: 23.098 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

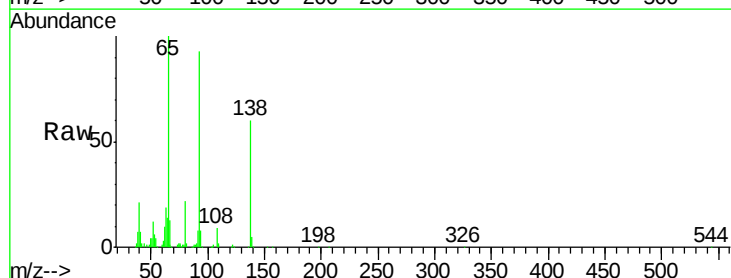
Tgt Ion:138 Resp: 64966

Ion Ratio Lower Upper

138 100

108 15.5 17.5 26.3#

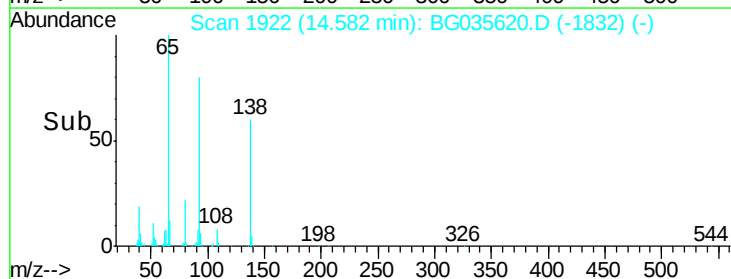
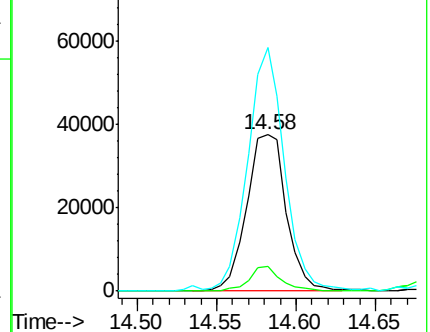
92 156.1 105.8 158.8

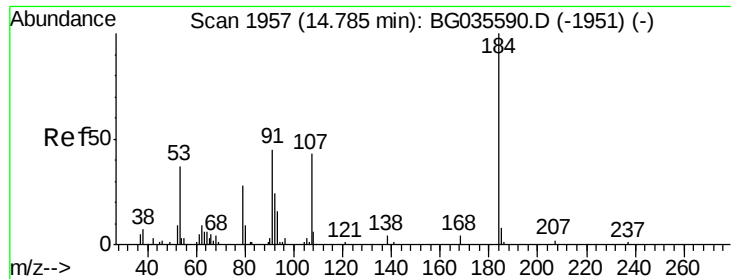


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 46.897 ng

RT: 14.79 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

PB111045BS

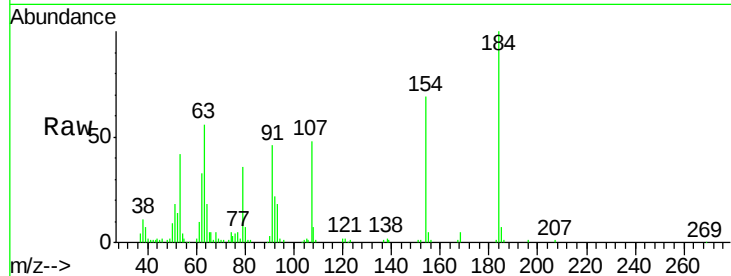
Tgt Ion:184 Resp: 62165

Ion Ratio Lower Upper

184 100

63 56.1 59.8 89.8#

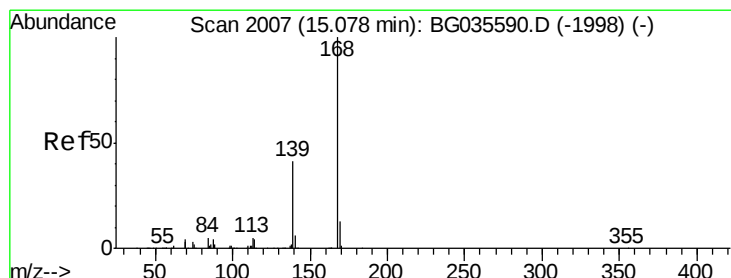
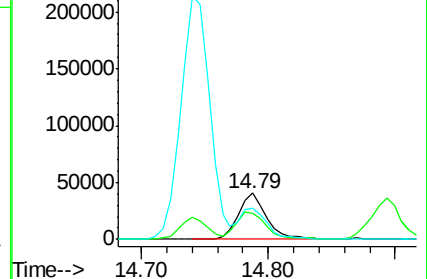
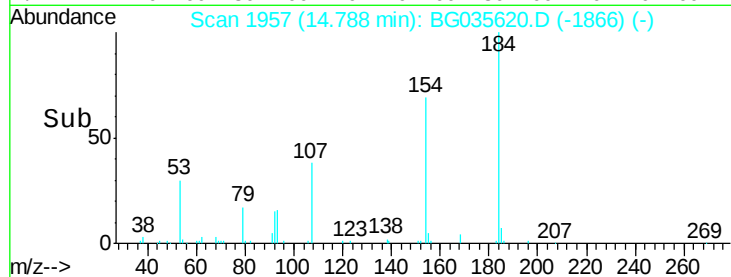
154 69.2 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG035590.D (-1951) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 35.959 ng

RT: 15.08 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

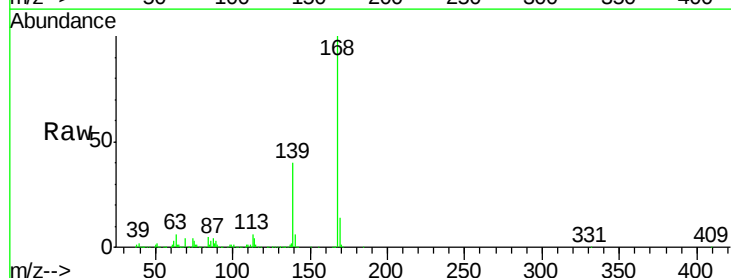
Tgt Ion:168 Resp: 555073

Ion Ratio Lower Upper

168 100

139 39.9 28.6 43.0

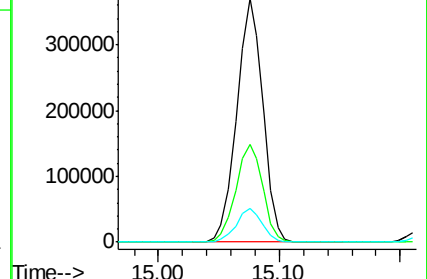
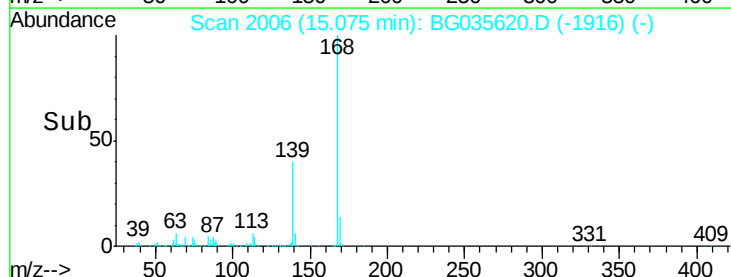
169 13.7 11.2 16.8

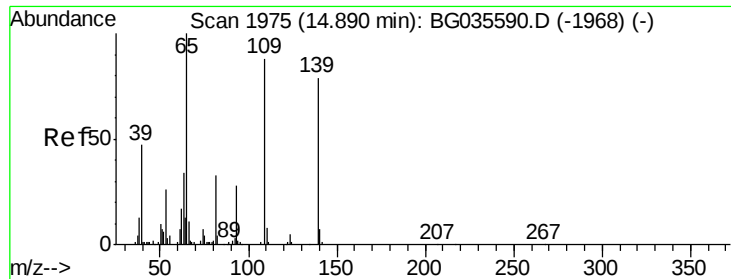


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 80.577 ng

RT: 14.89 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

PB111045BS

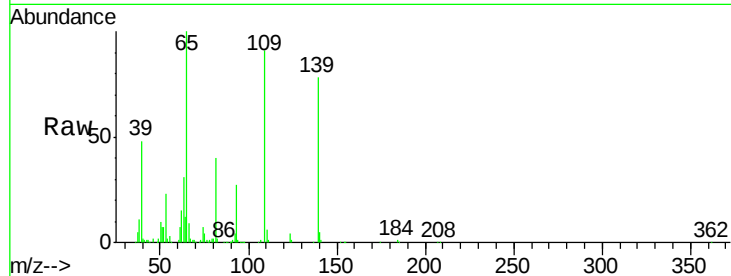
Tgt Ion:139 Resp: 161397

Ion Ratio Lower Upper

139 100

109 117.1 62.2 102.2#

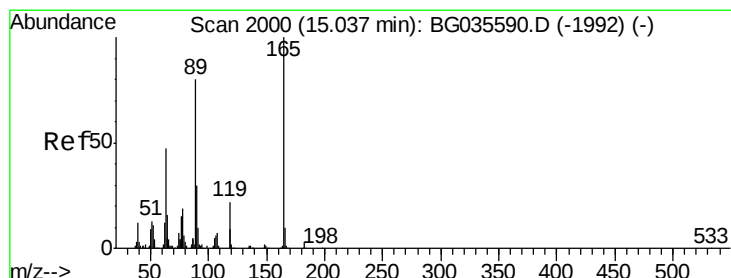
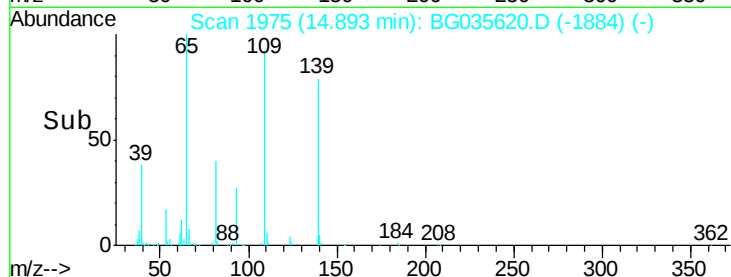
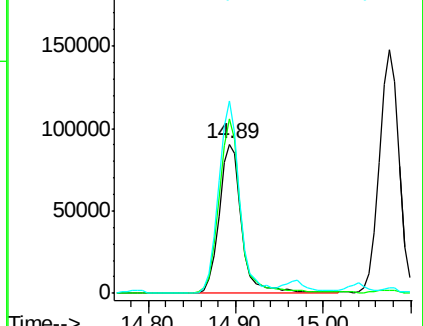
65 128.7 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 39.271 ng

RT: 15.03 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

Tgt Ion:165 Resp: 155038

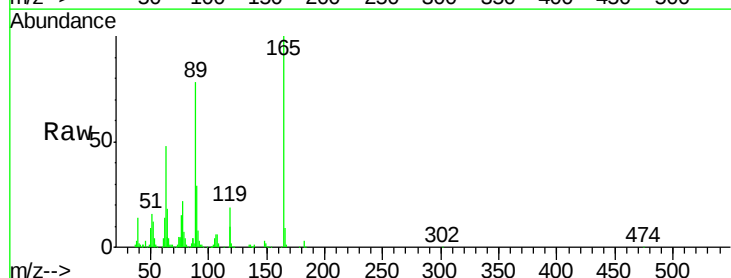
Ion Ratio Lower Upper

165 100

63 48.4 42.0 63.0

89 77.8 66.9 100.3

182 3.4 2.6 3.8

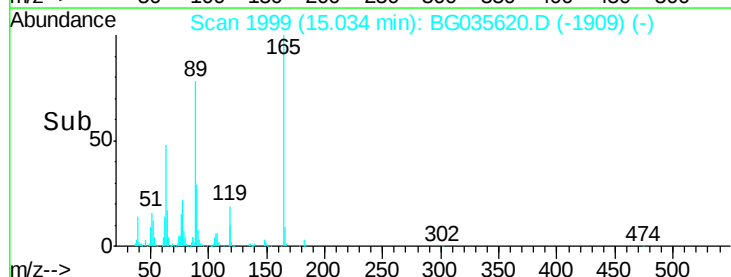
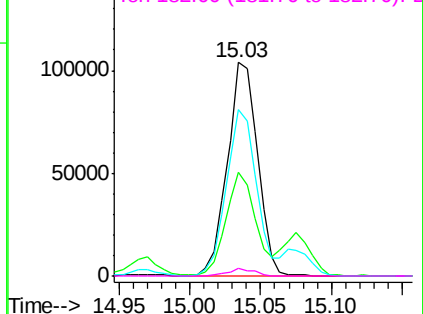


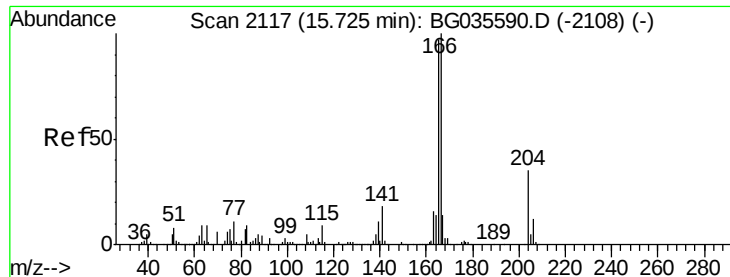
Abundance Ion 165.00 (164.70 to 165.70): E

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: 35.936 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

PB111045BS

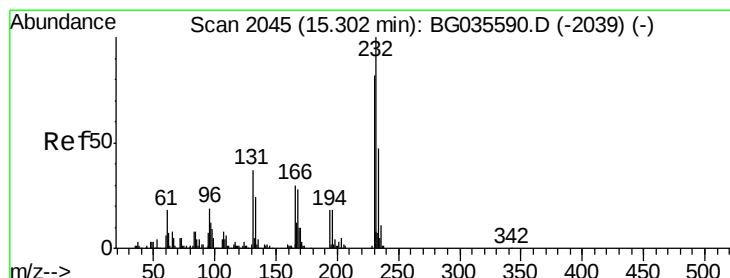
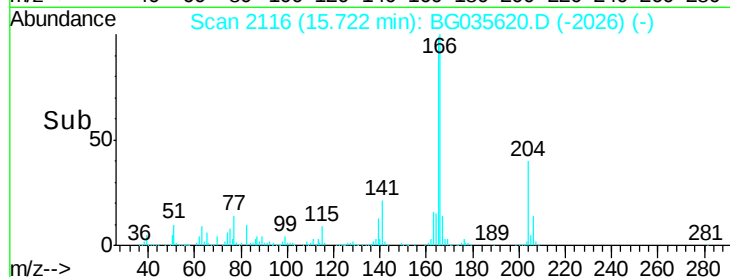
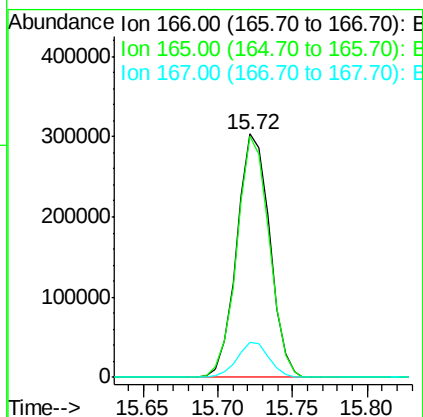
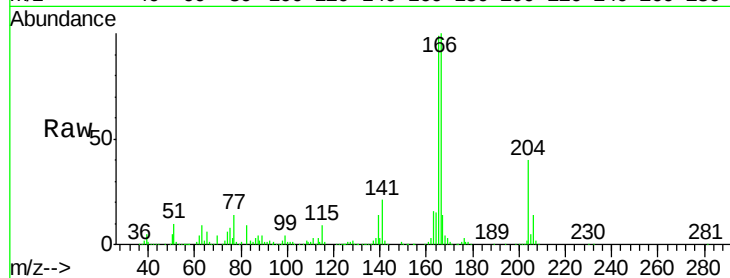
Tgt Ion:166 Resp: 464923

Ion Ratio Lower Upper

166 100

165 98.9 80.6 121.0

167 14.5 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.283 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

Tgt Ion:232 Resp: 150747

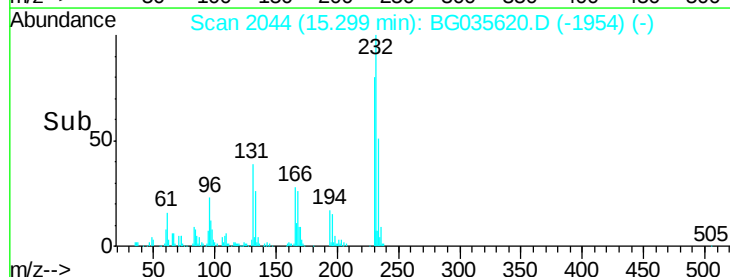
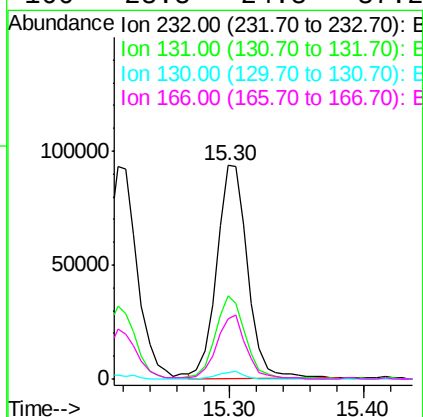
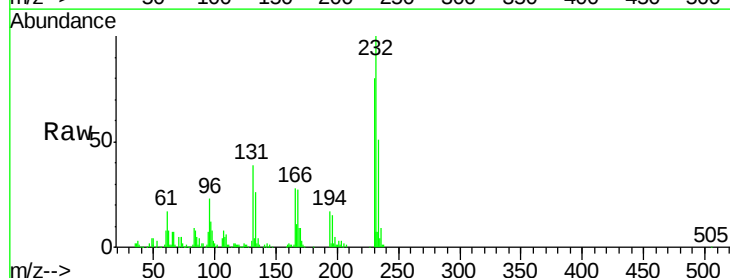
Ion Ratio Lower Upper

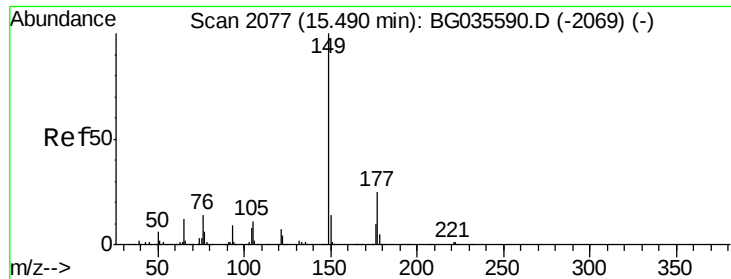
232 100

131 37.9 33.5 50.3

130 2.9 2.2 3.2

166 28.8 24.8 37.2

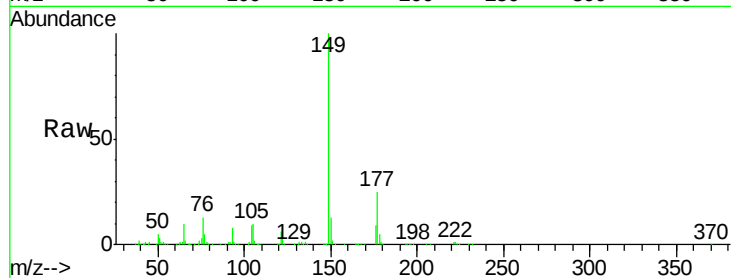




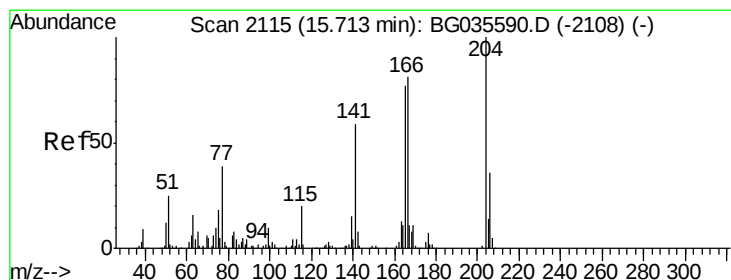
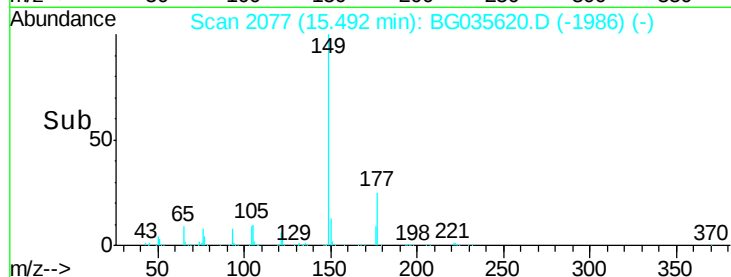
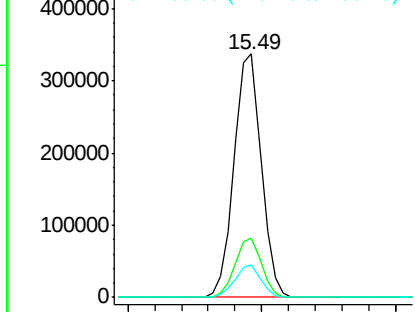
#59
Diethylphthalate
Concen: 34.458 ng
RT: 15.49 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BG035620.D
Acq: 13 Jul 2018 8:12

Instrument :
BNA_G
ClientSampleId :
PB111045BS

Tgt Ion:149 Resp: 478805
Ion Ratio Lower Upper
149 100
177 24.5 18.5 27.7
150 13.4 10.2 15.2

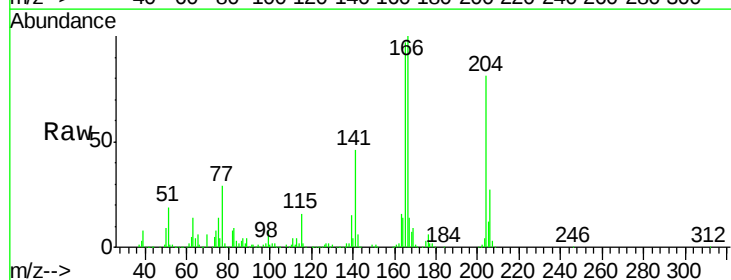


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

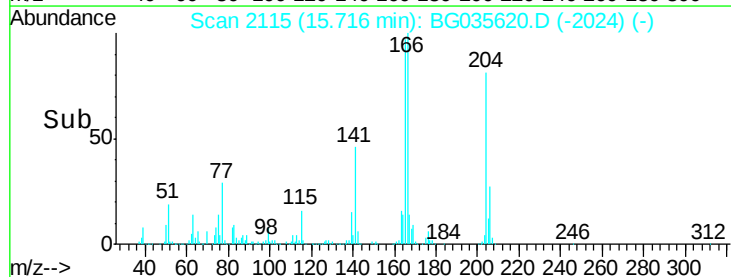
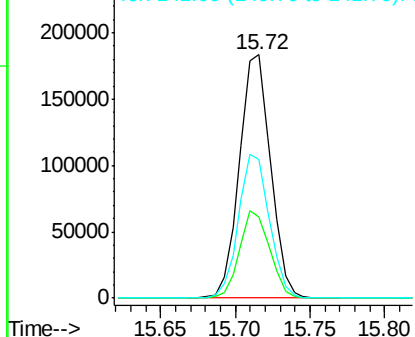


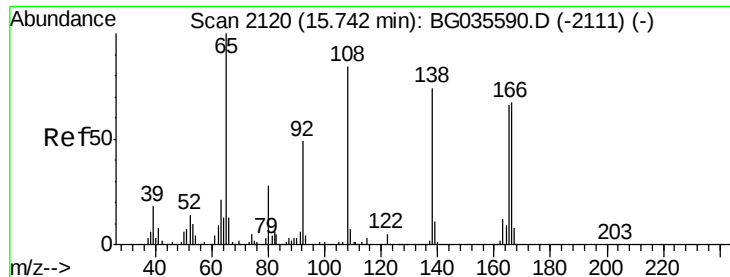
#60
4-Chlorophenyl-phenylether
Concen: 34.864 ng
RT: 15.72 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG035620.D
Acq: 13 Jul 2018 8:12

Tgt Ion:204 Resp: 265109
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 56.8 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

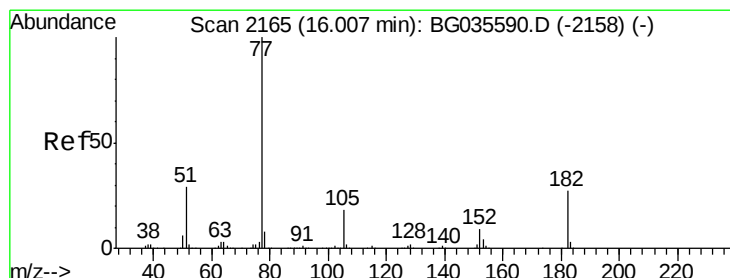
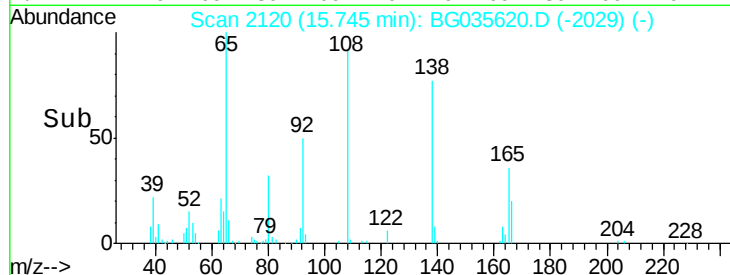
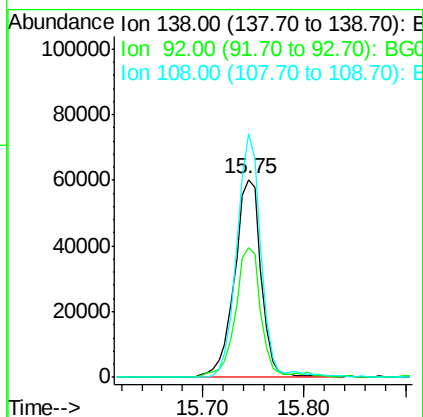
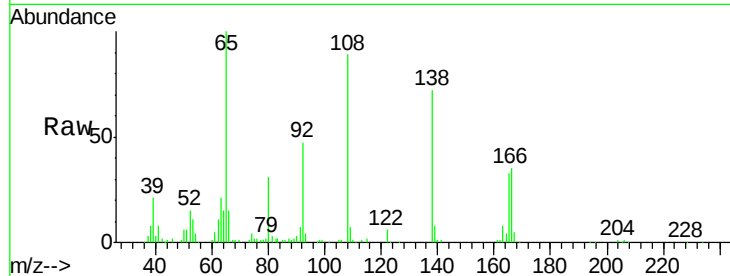




#61
4-Nitroaniline
Concen: 37.399 ng
RT: 15.75 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BG035620.D
Acq: 13 Jul 2018 8:12

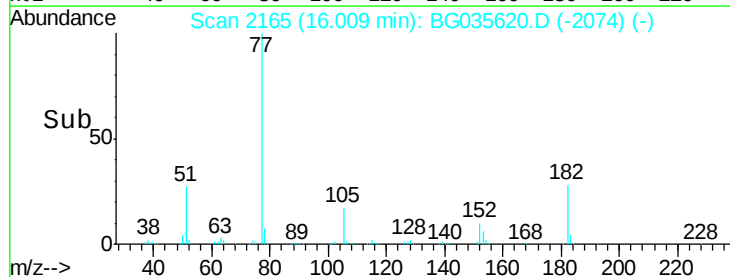
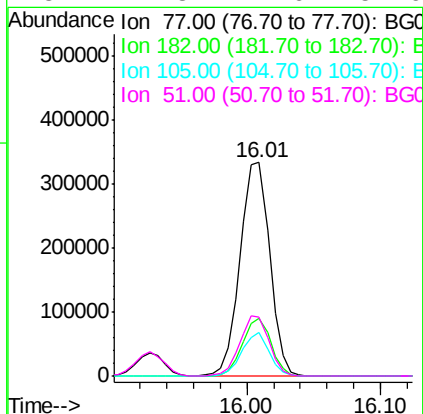
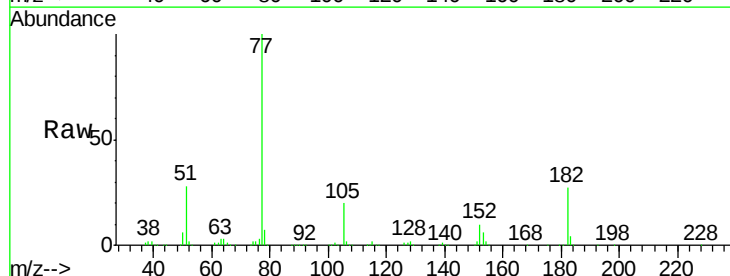
Instrument :
BNA_G
ClientSampleId :
PB111045BS

Tgt Ion: 138 Resp: 110031
Ion Ratio Lower Upper
138 100
92 65.4 40.1 80.1
108 123.0 65.4 105.4#



#62
Azobenzene
Concen: 37.394 ng
RT: 16.01 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BG035620.D
Acq: 13 Jul 2018 8:12

Tgt Ion: 77 Resp: 512538
Ion Ratio Lower Upper
77 100
182 27.3 7.4 47.4
105 20.1 0.3 40.3
51 27.8 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: BG035620.D

Acq: 13 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

PB111045BS

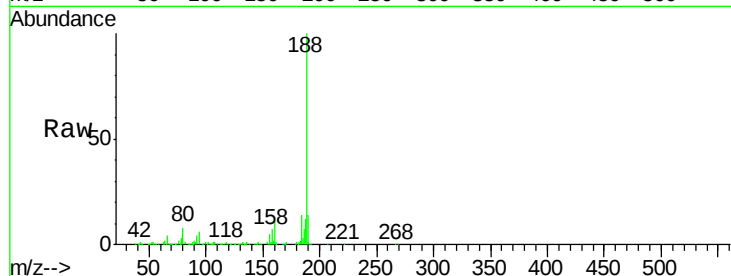
Tgt Ion:188 Resp: 418057

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

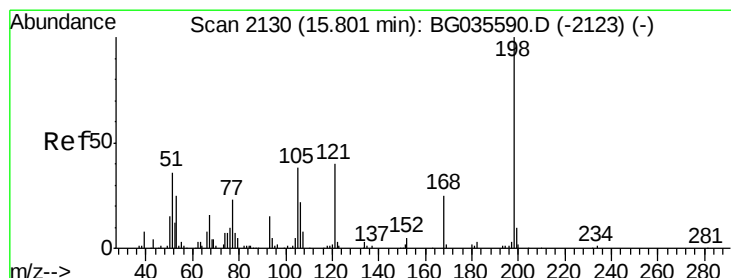
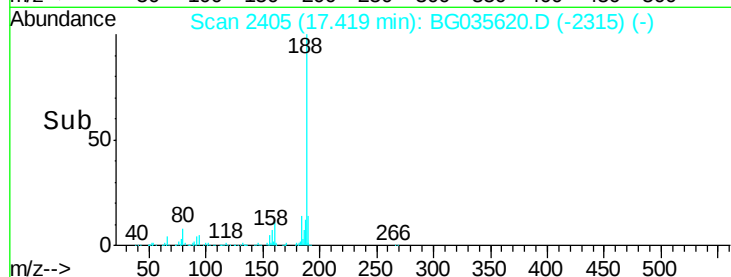
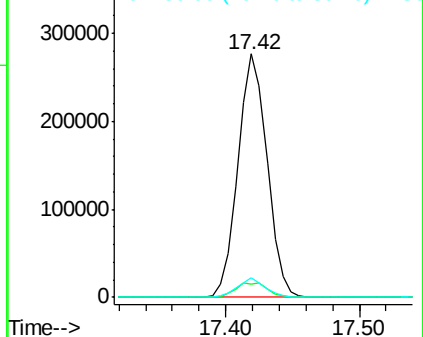
80 8.3 7.7 11.5



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: 26.844 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

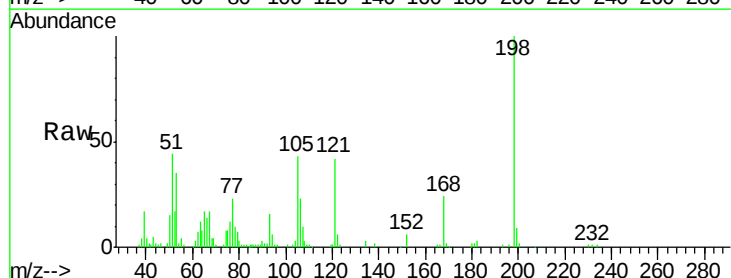
Tgt Ion:198 Resp: 62471

Ion Ratio Lower Upper

198 100

51 43.7 30.6 70.6

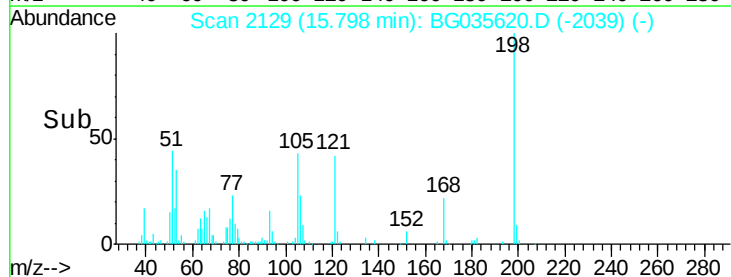
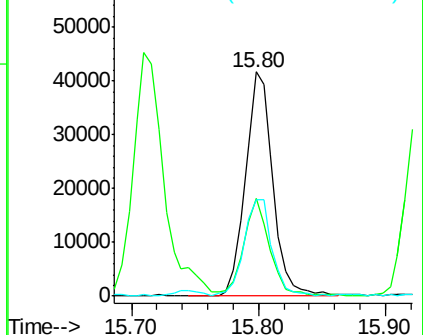
105 43.3 23.8 63.8



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

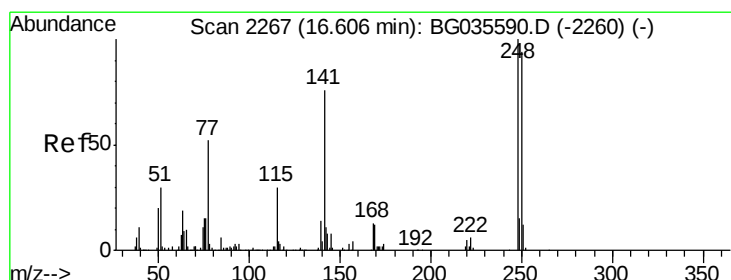
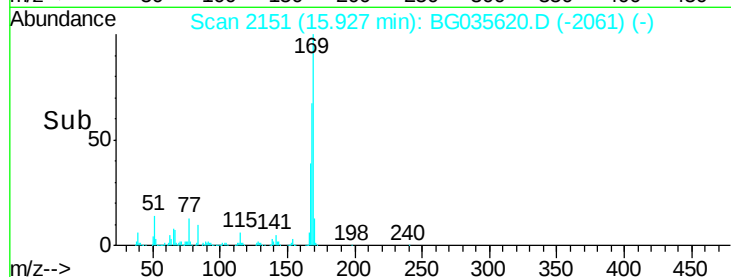
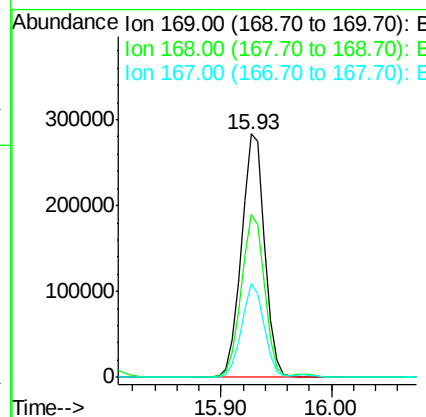
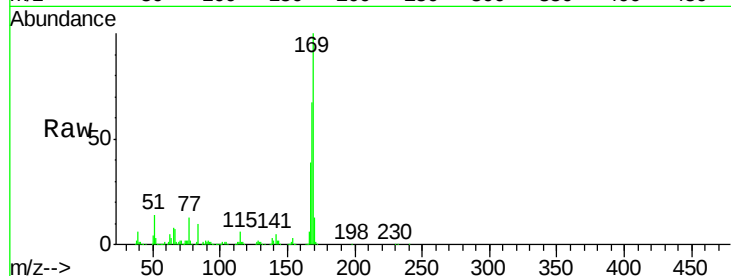




#65
 n-Nitrosodiphenylamine
 Concen: 35.155 ng
 RT: 15.93 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

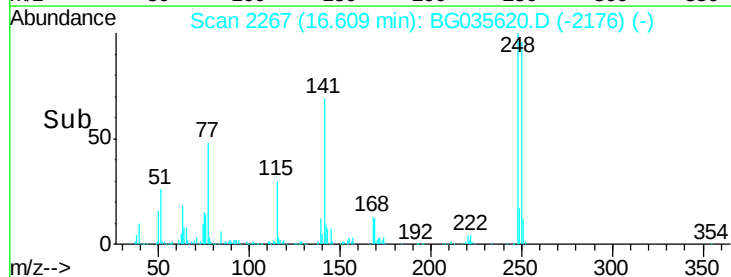
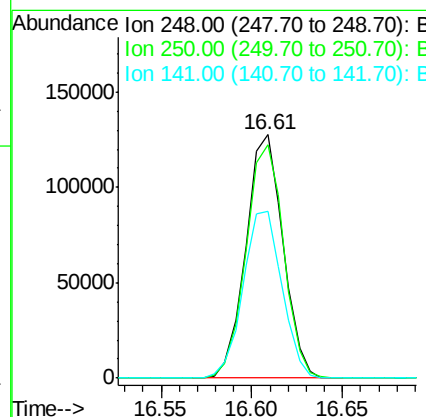
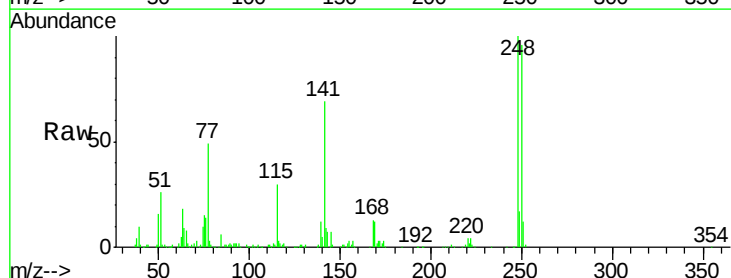
Instrument :
 BNA_G
 ClientSampleId :
 PB111045BS

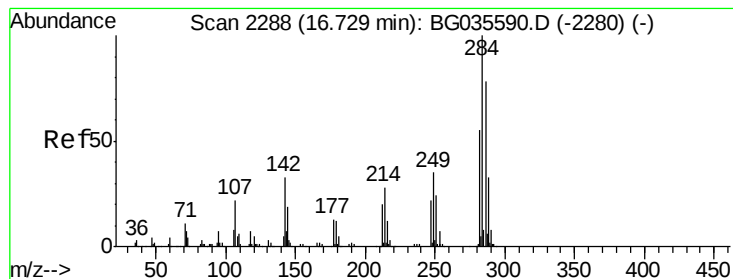
Tgt Ion:169 Resp: 418329
 Ion Ratio Lower Upper
 169 100
 168 67.1 55.7 83.5
 167 38.5 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 37.429 ng
 RT: 16.61 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

Tgt Ion:248 Resp: 181536
 Ion Ratio Lower Upper
 248 100
 250 96.0 77.1 115.7
 141 68.8 50.8 76.2





#67

Hexachlorobenzene

Concen: 35.898 ng

RT: 16.73 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

PB111045BS

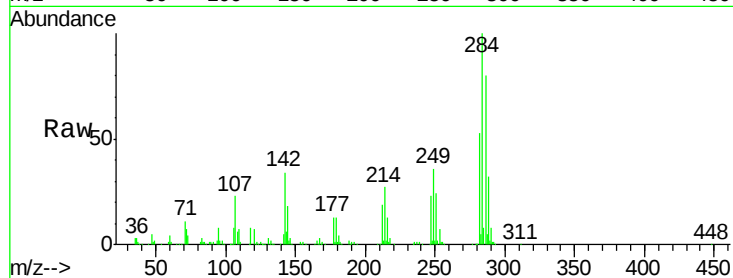
Tgt Ion:284 Resp: 179302

Ion Ratio Lower Upper

284 100

142 34.2 26.8 40.2

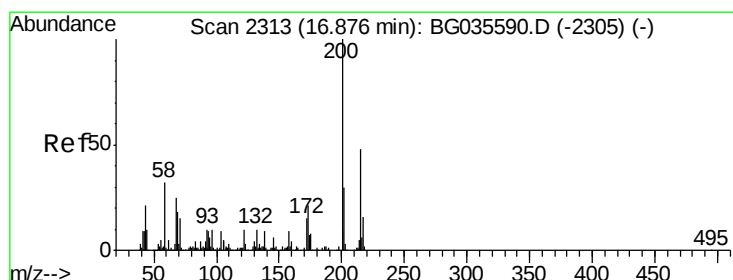
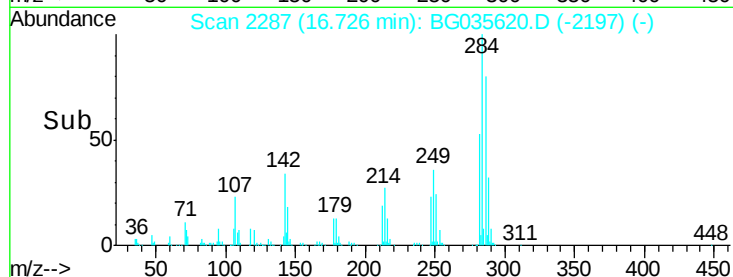
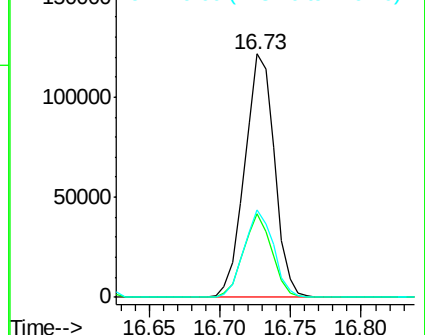
249 35.7 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.010 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

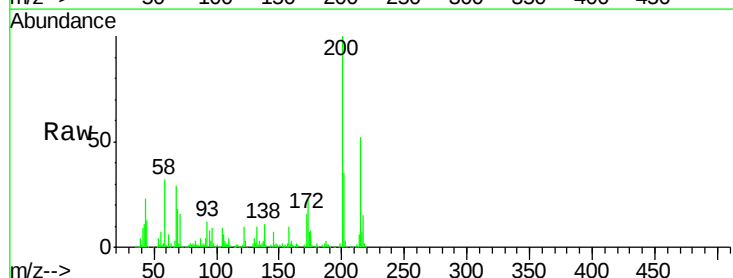
Tgt Ion:200 Resp: 181326

Ion Ratio Lower Upper

200 100

173 22.9 5.2 45.2

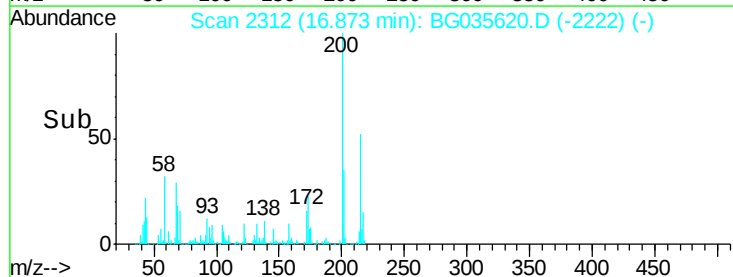
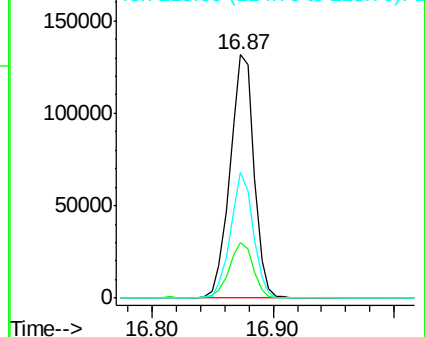
215 51.9 30.4 70.4

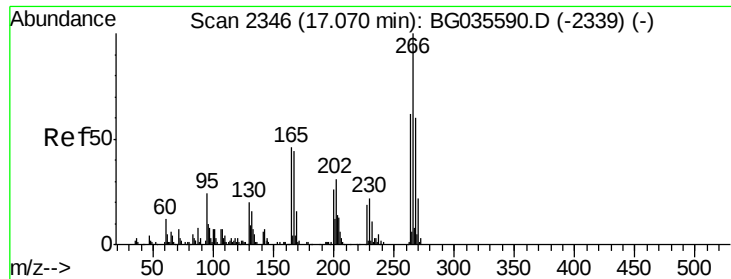


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

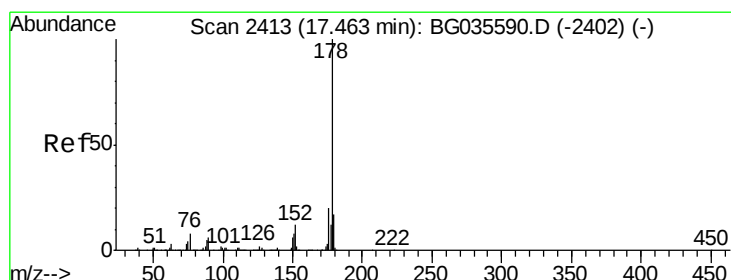
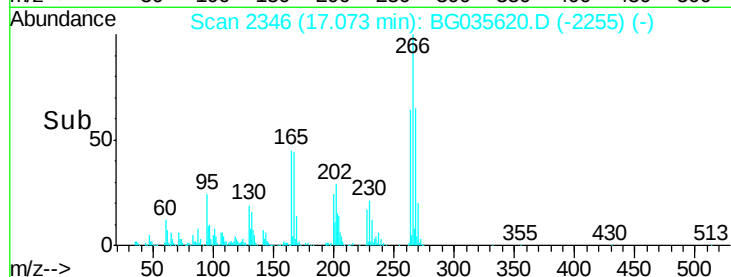
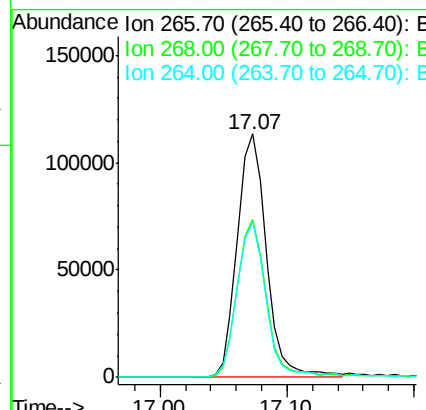
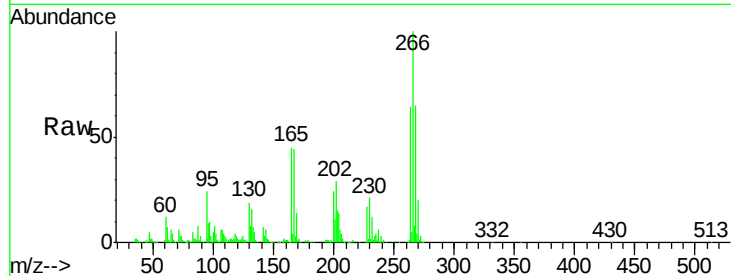




#69
 Pentachlorophenol
 Concen: 59.554 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

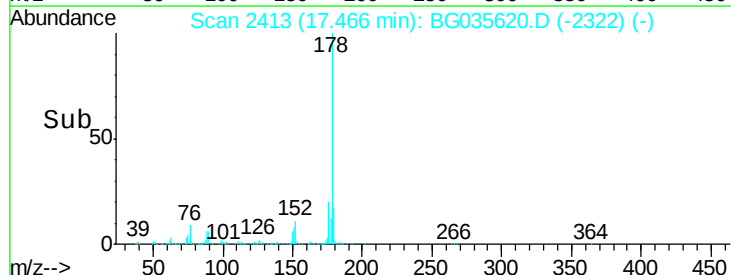
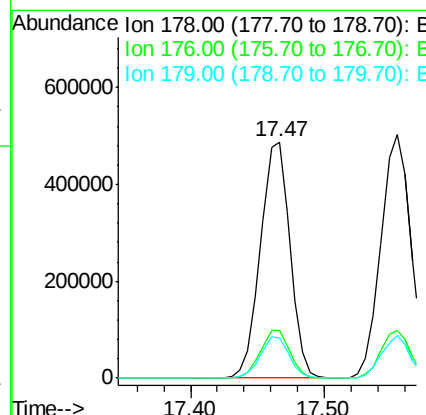
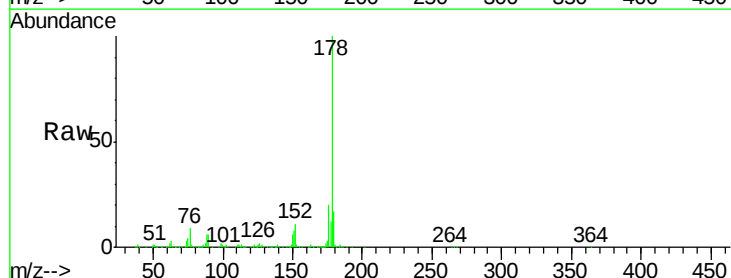
Instrument :
 BNA_G
 ClientSampleId :
 PB111045BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	63.9	49.6	74.4



#70
 Phenanthrene
 Concen: 35.629 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	17.0	12.5	18.7

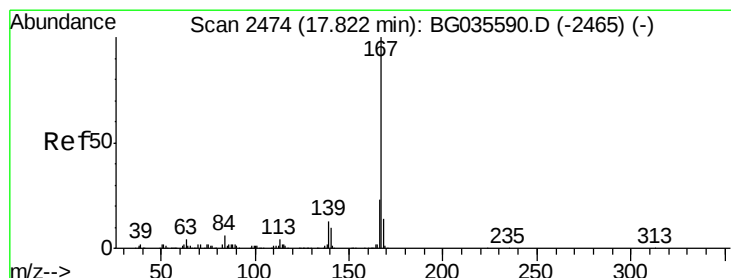
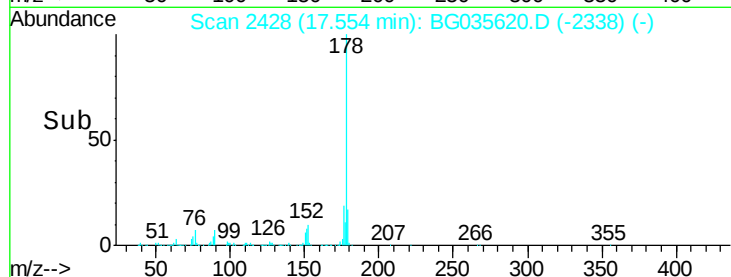
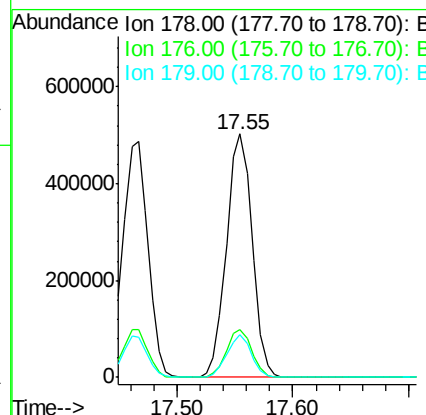
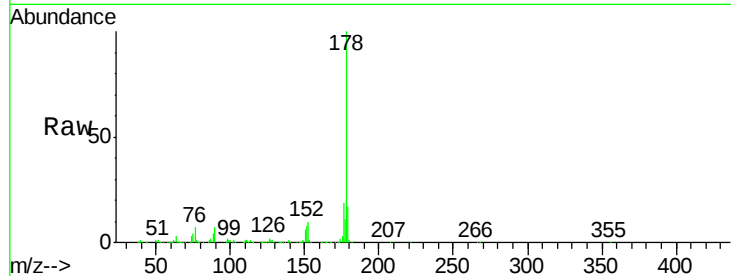




#71
 Anthracene
 Concen: 37.346 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

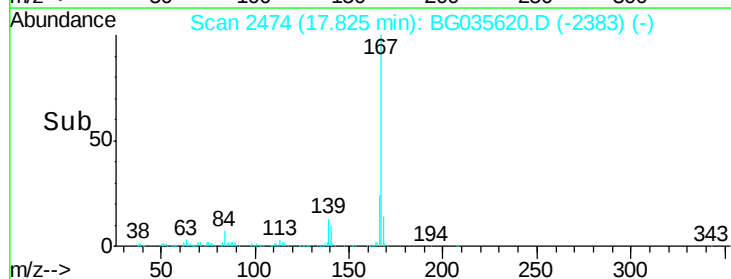
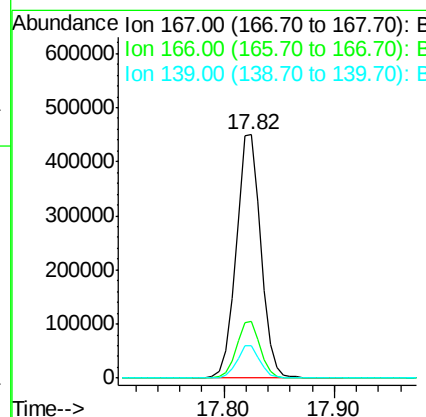
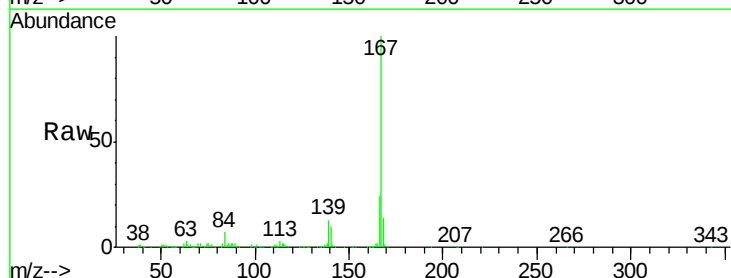
Instrument :
 BNA_G
 ClientSampleId :
 PB111045BS

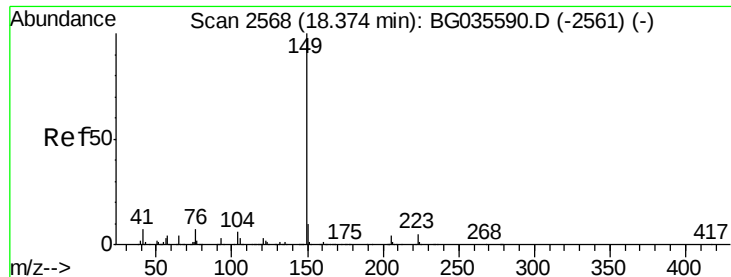
Tgt Ion:178 Resp: 775718
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.0 24.0
 179 17.3 12.5 18.7



#72
 Carbazole
 Concen: 35.618 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. 0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

Tgt Ion:167 Resp: 702599
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.2 27.4
 139 13.2 9.4 14.2





#73

Di-n-butylphthalate

Concen: 34.195 ng

RT: 18.38 min Scan# 2568

Delta R.T. 0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

PB111045BS

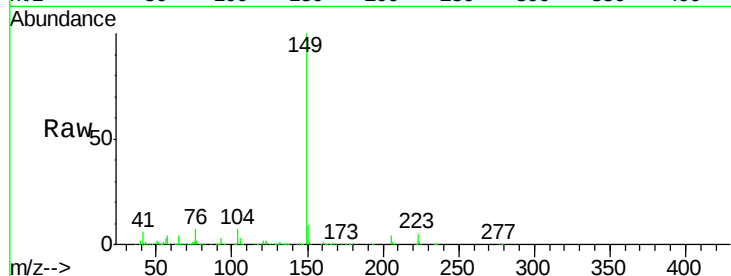
Tgt Ion:149 Resp: 797103

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

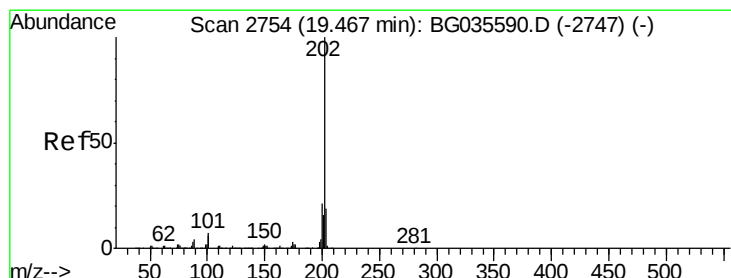
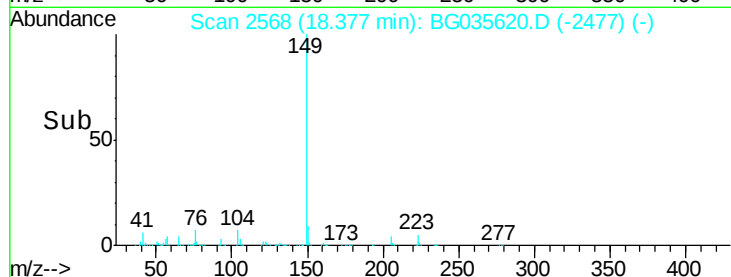
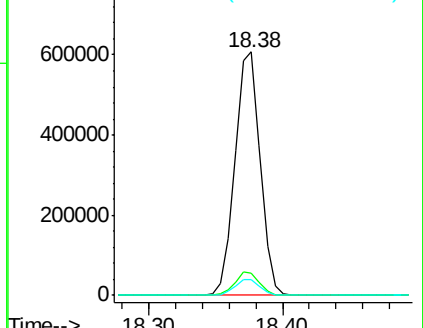
104 6.7 3.9 5.9#



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: 34.626 ng

RT: 19.47 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

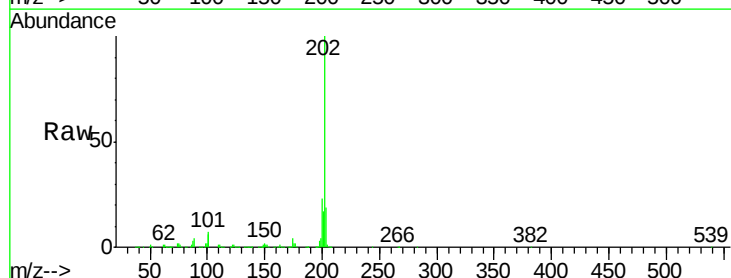
Tgt Ion:202 Resp: 972955

Ion Ratio Lower Upper

202 100

101 6.8 0.0 28.9

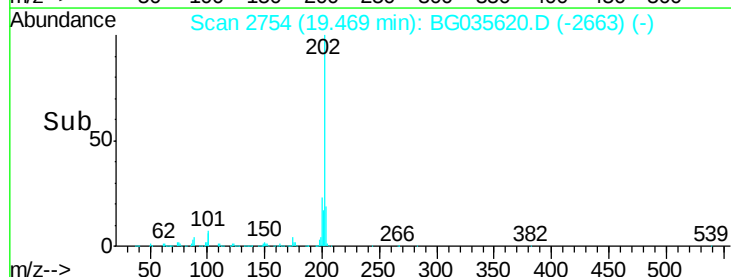
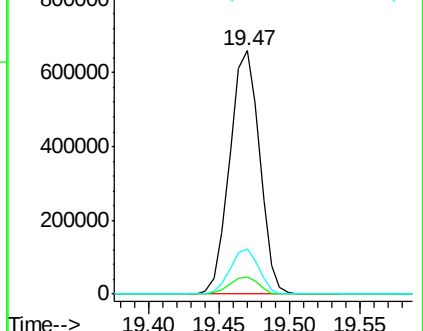
203 18.7 0.0 37.5

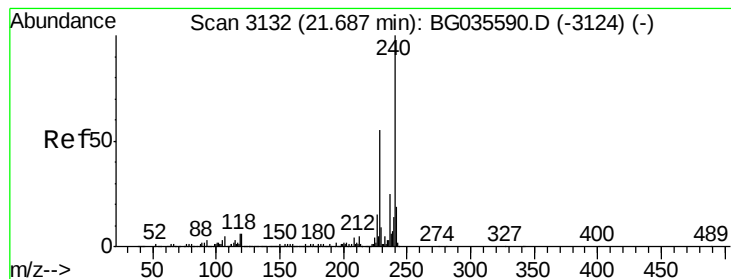


Abundance Ion 202.00 (201.70 to 202.70): E

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: BG035620.D

Acq: 13 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

PB111045BS

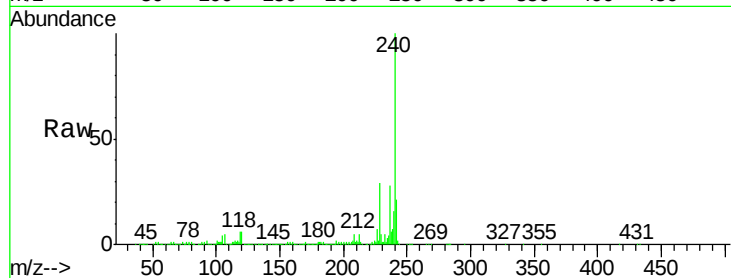
Tgt Ion:240 Resp: 429334

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

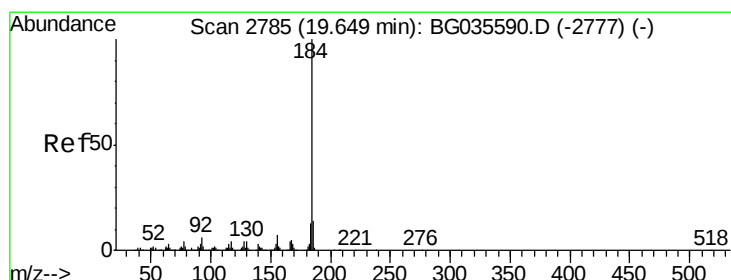
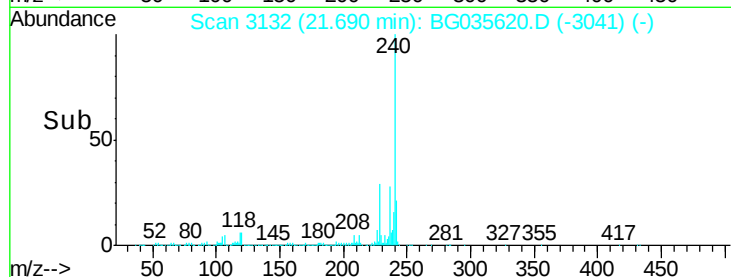
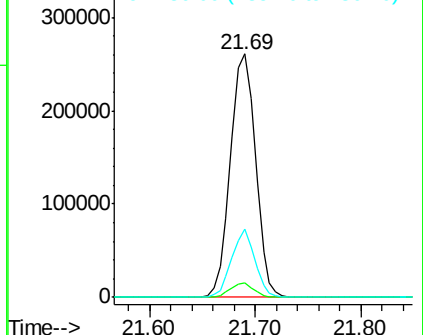
236 27.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.506 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

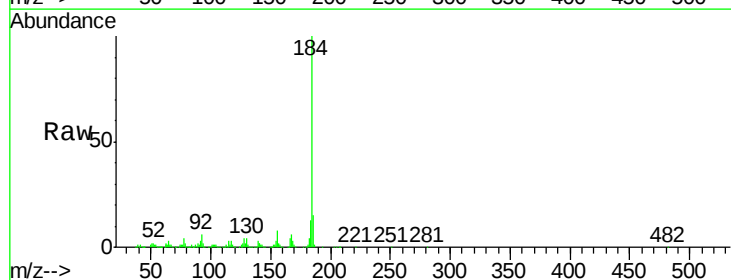
Tgt Ion:184 Resp: 513644

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

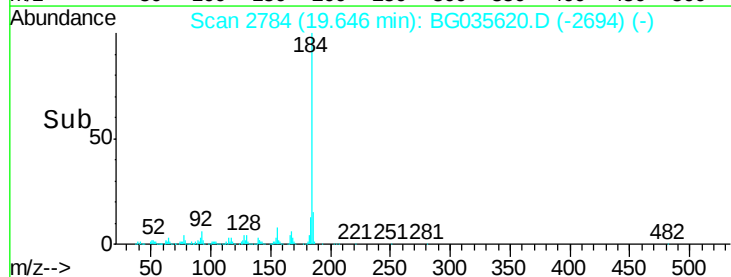
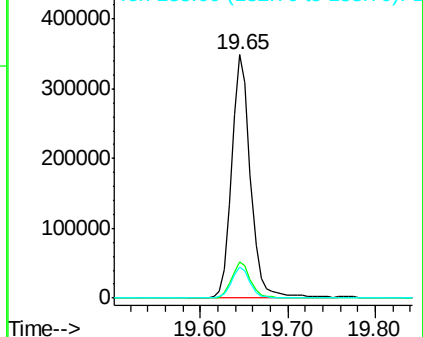
183 13.0 10.6 16.0

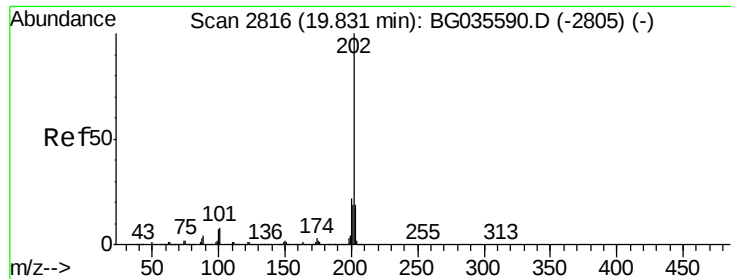


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

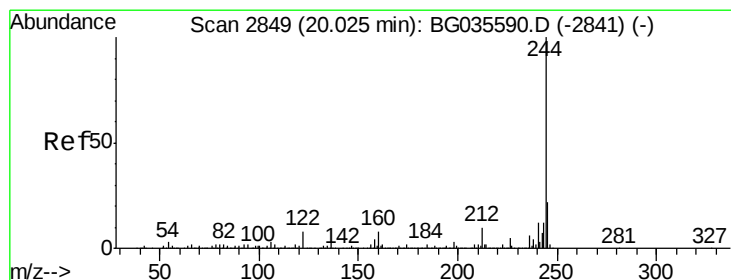
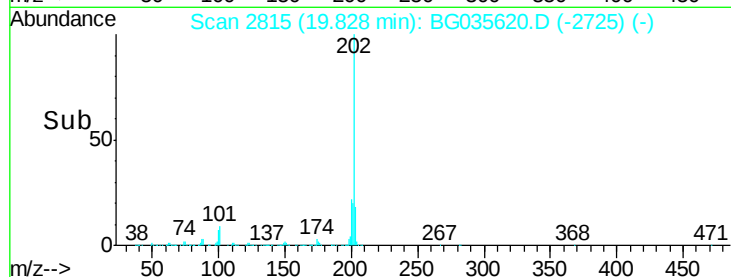
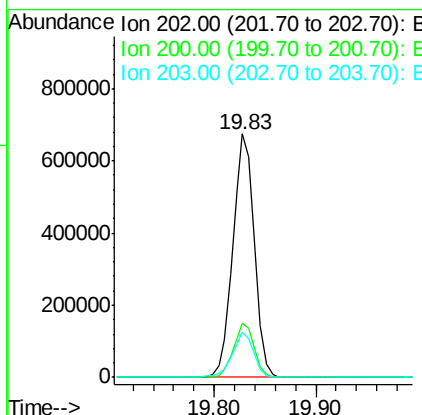
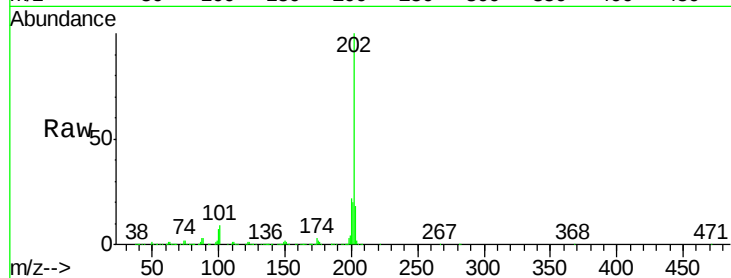




#77
 Pyrene
 Concen: 36.207 ng
 RT: 19.83 min Scan# 2815
 Delta R.T. -0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

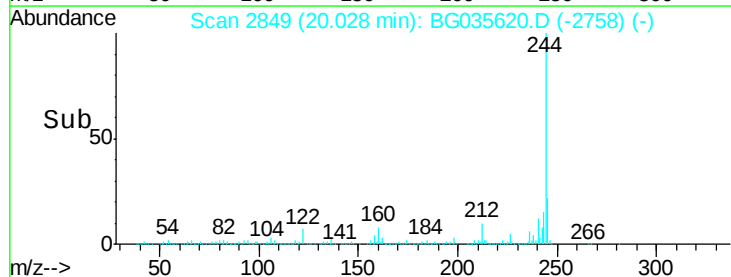
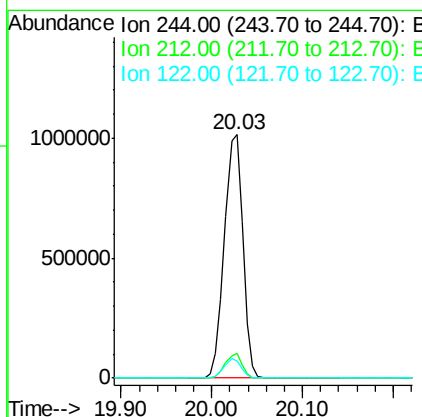
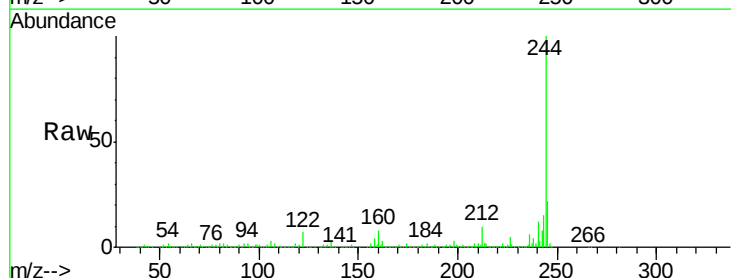
Instrument :
 BNA_G
 ClientSampleId :
 PB111045BS

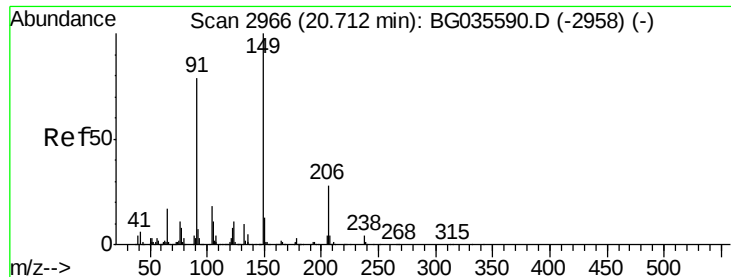
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.9	25.3
203	18.3	13.9	20.9



#78
 Terphenyl-d14
 Concen: 73.852 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.0	5.8	8.8#
122	6.9	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 36.139 ng

RT: 20.71 min Scan# 2965

Delta R.T. -0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

PB111045BS

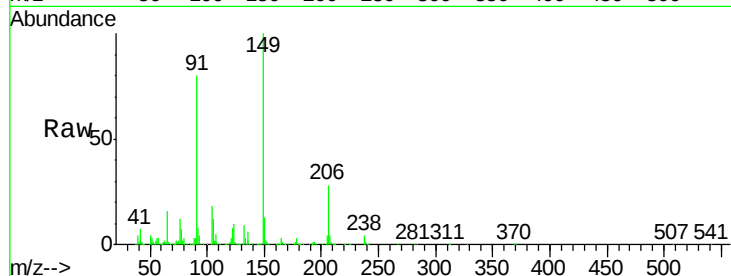
Tgt Ion:149 Resp: 350834

Ion Ratio Lower Upper

149 100

91 79.7 62.2 93.2

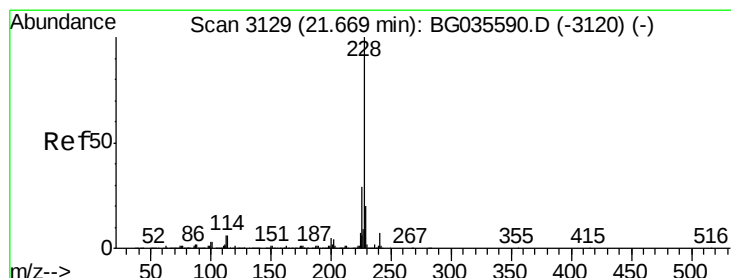
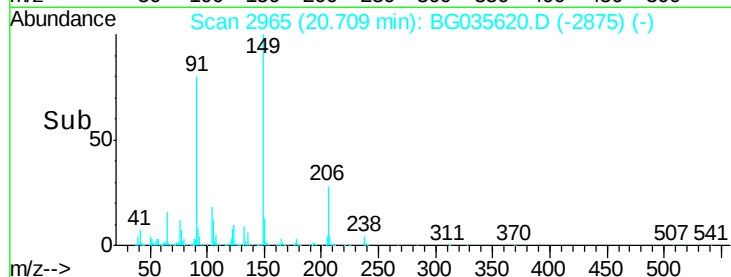
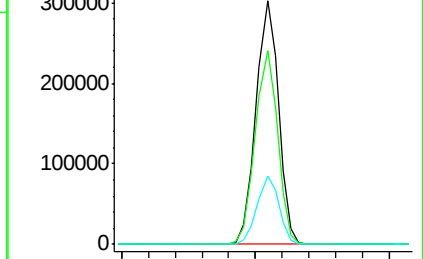
206 28.1 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.265 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

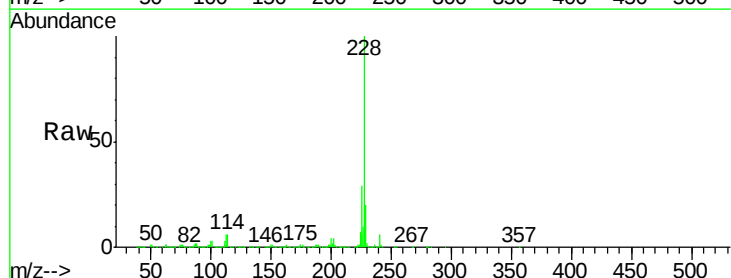
Tgt Ion:228 Resp: 970280

Ion Ratio Lower Upper

228 100

226 28.7 22.7 34.1

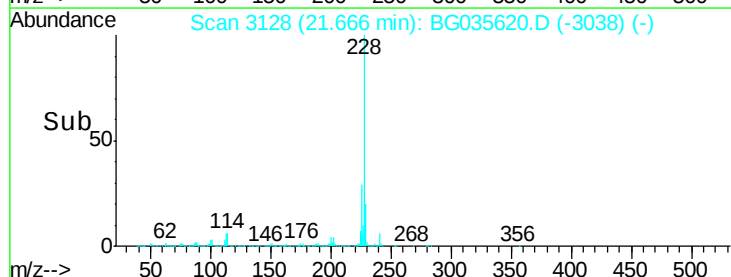
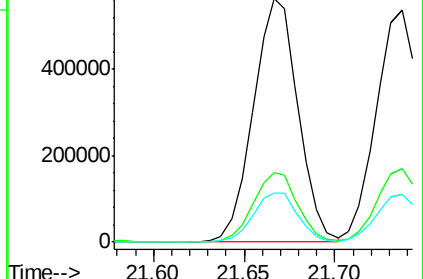
229 20.4 16.2 24.2

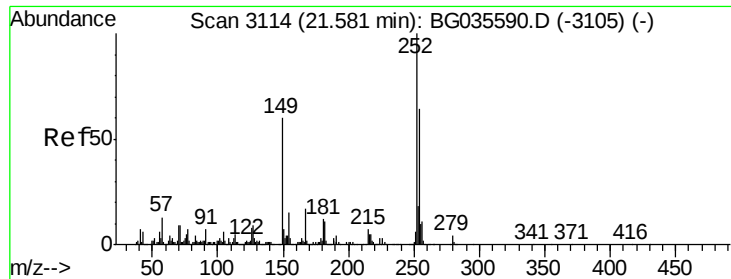


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

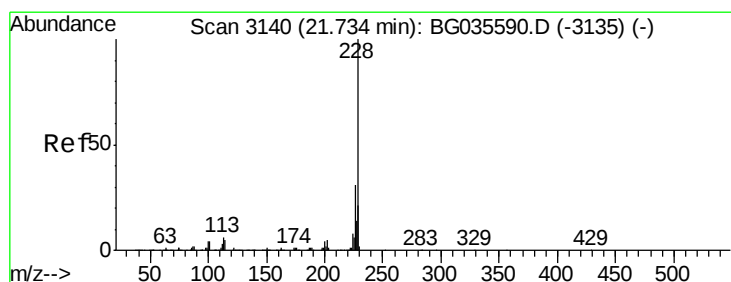
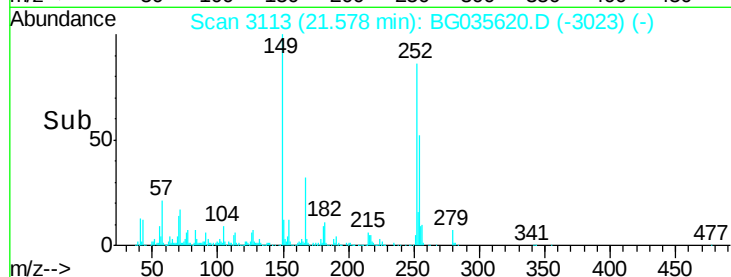
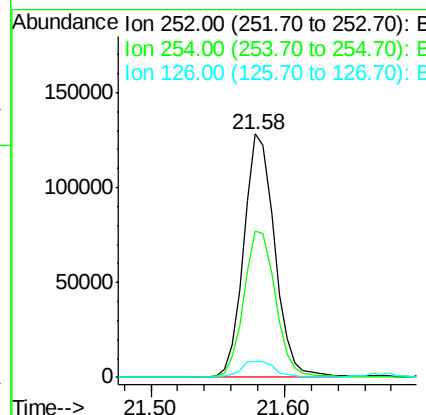
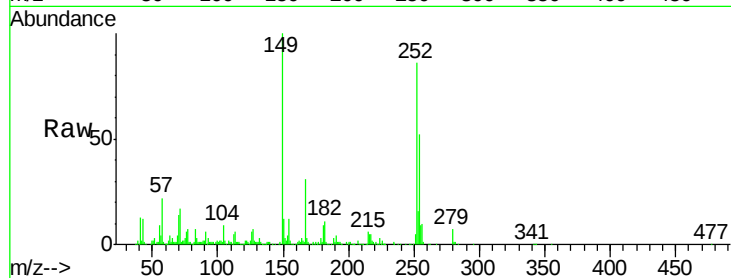




#81
 3,3'-Dichlorobenzidine
 Concen: 21.997 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

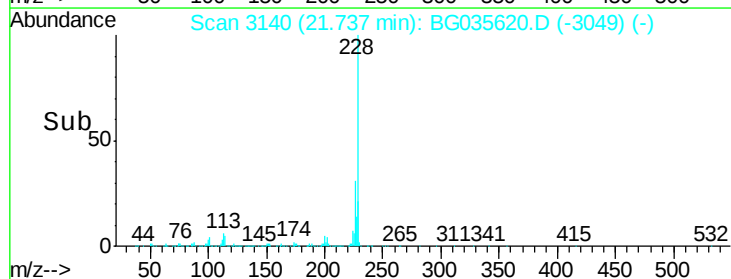
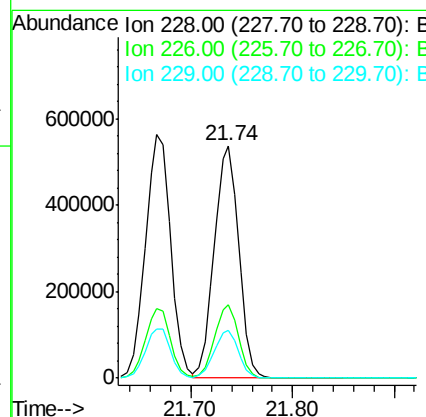
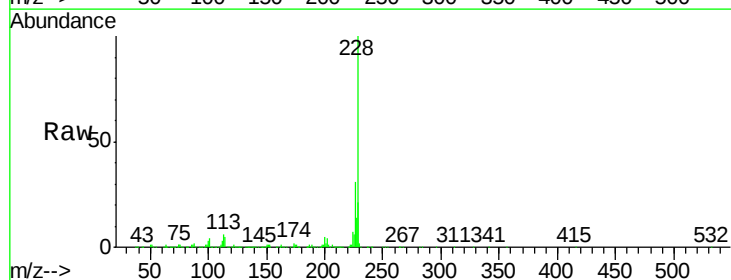
Instrument :
 BNA_G
 ClientSampleId :
 PB111045BS

Tgt Ion: 252 Resp: 205211
 Ion Ratio Lower Upper
 252 100
 254 60.2 50.8 76.2
 126 6.6 7.4 11.2#



#82
 Chrysene
 Concen: 36.344 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

Tgt Ion: 228 Resp: 901083
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.9 37.3
 229 20.8 15.0 22.4

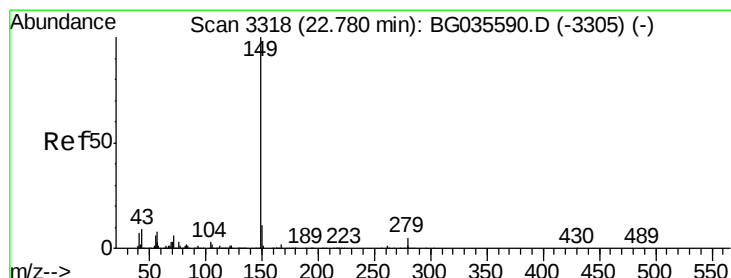
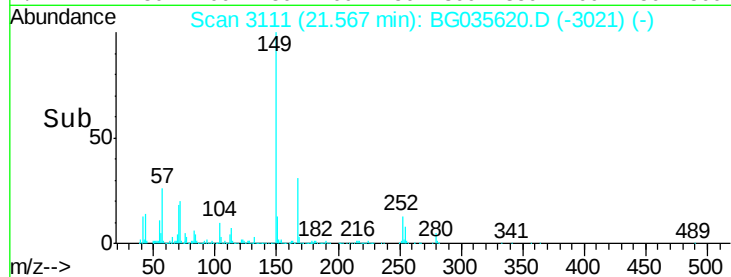
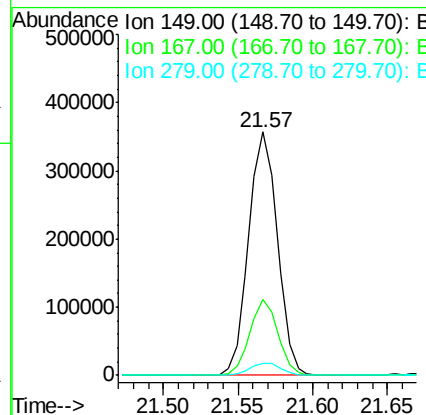
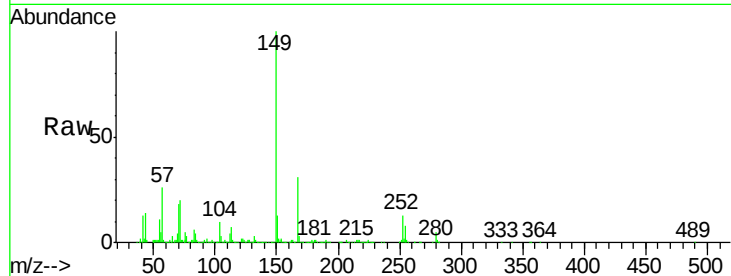




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.076 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

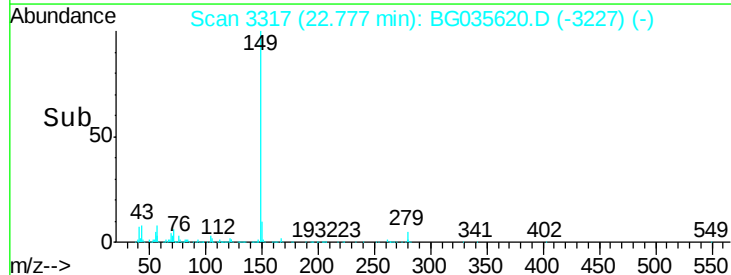
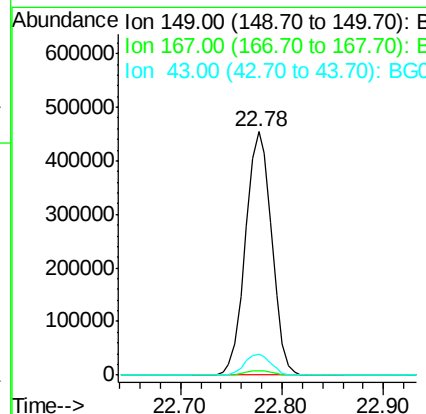
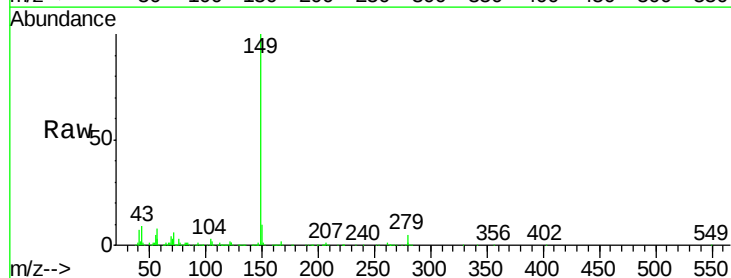
Instrument :
 BNA_G
 ClientSampleId :
 PB111045BS

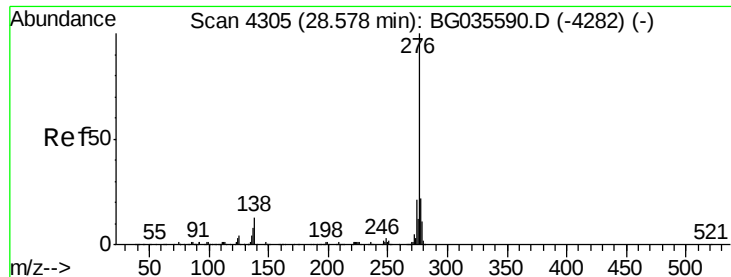
Tgt Ion:149 Resp: 476127
 Ion Ratio Lower Upper
 149 100
 167 30.9 24.3 36.5
 279 5.0 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 36.705 ng
 RT: 22.78 min Scan# 3317
 Delta R.T. -0.00 min
 Lab File: BG035620.D
 Acq: 13 Jul 2018 8:12

Tgt Ion:149 Resp: 811120
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.0
 43 8.7 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.293 ng

RT: 28.57 min Scan# 4303

Delta R.T. -0.01 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

PB111045BS

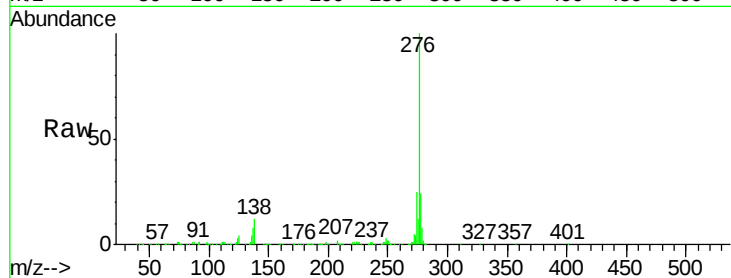
Tgt Ion:276 Resp: 1023679

Ion Ratio Lower Upper

276 100

138 8.8 16.0 24.0#

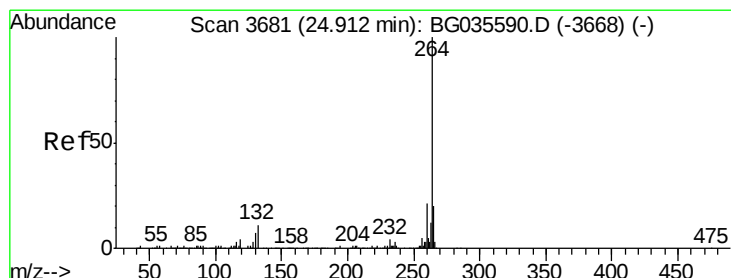
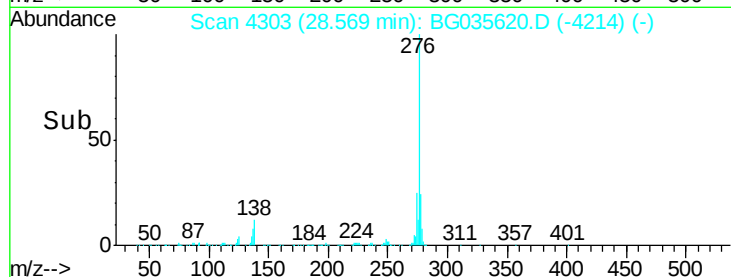
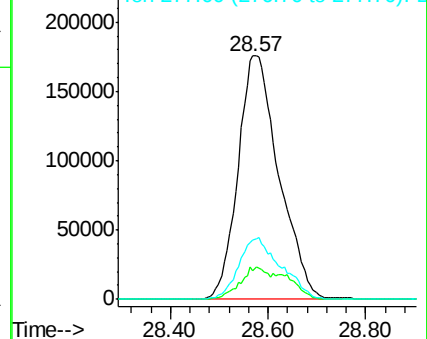
277 26.1 20.0 30.0



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: 24.90 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

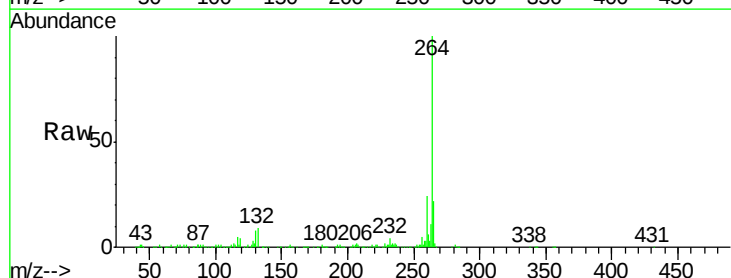
Tgt Ion:264 Resp: 427486

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

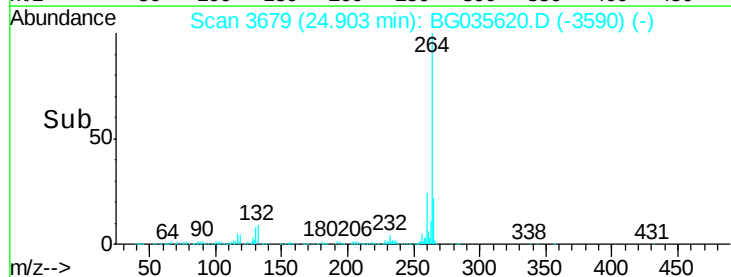
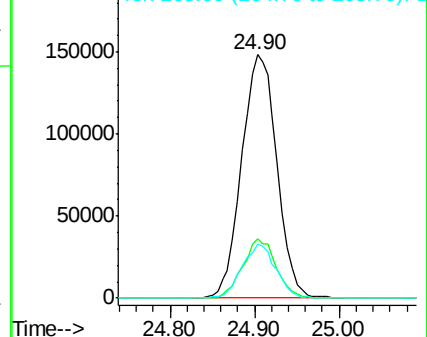
265 22.3 17.7 26.5

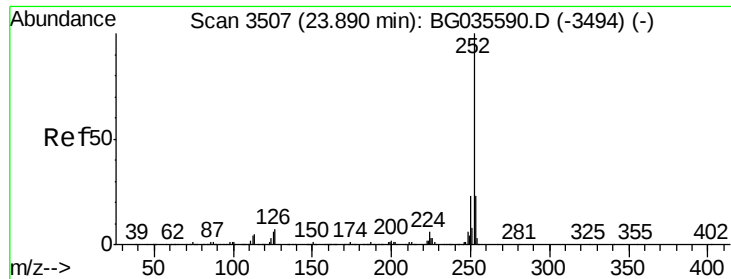


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 34.972 ng

RT: 23.89 min Scan# 3506

Delta R.T. -0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

PB111045BS

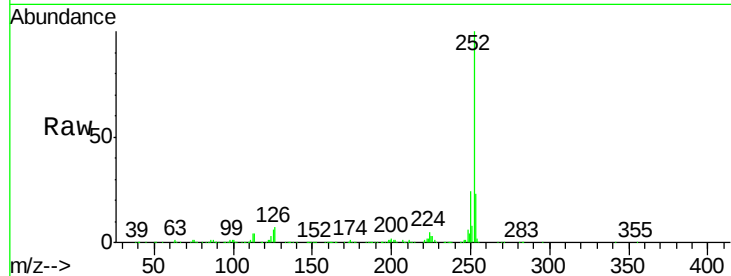
Tgt Ion:252 Resp: 908649

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.4

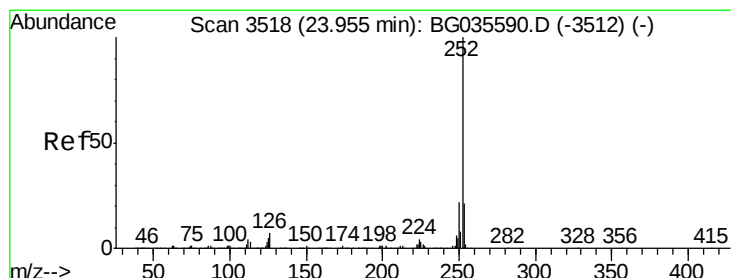
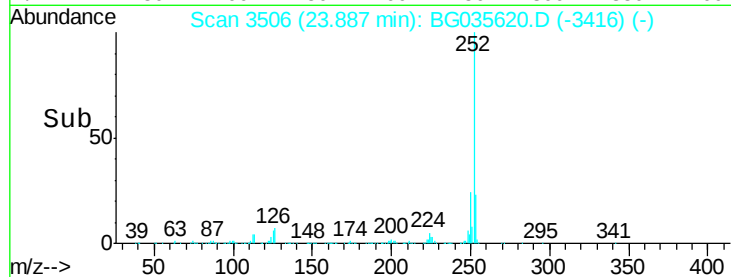
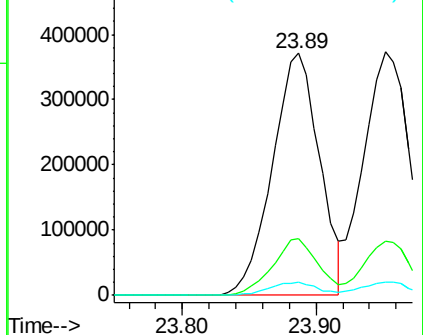
125 5.6 7.2 10.8#



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: 34.856 ng

RT: 23.95 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

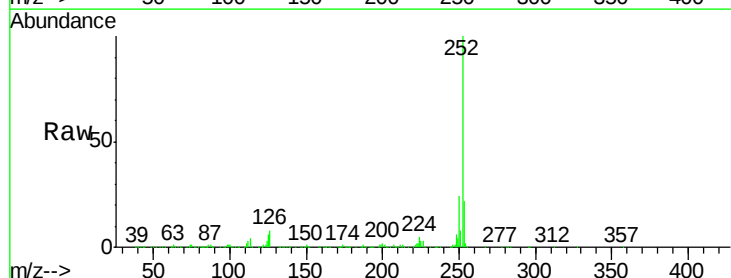
Tgt Ion:252 Resp: 885393

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

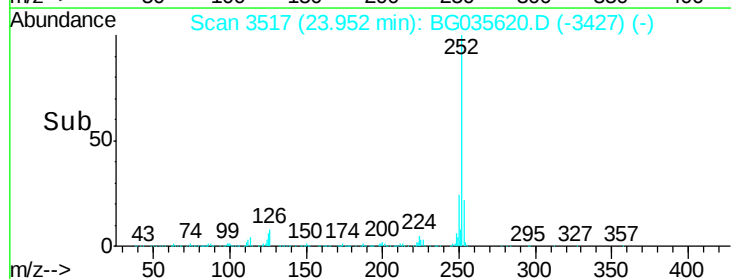
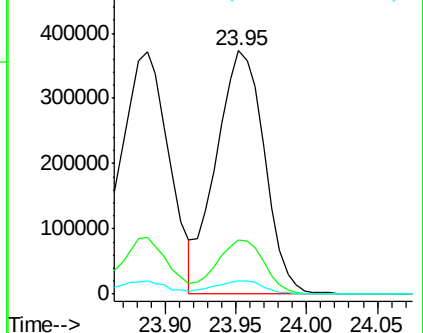
125 5.7 6.6 9.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.379 ng

RT: 24.76 min Scan# 3654

Delta R.T. -0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

PB111045BS

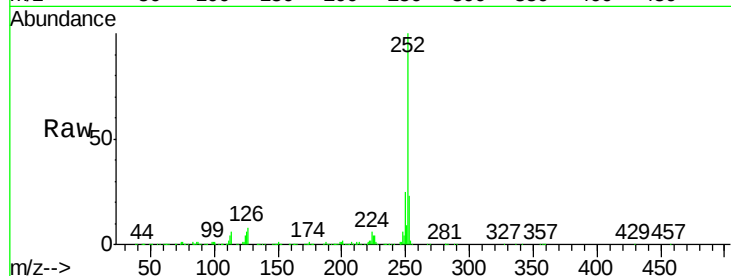
Tgt Ion:252 Resp: 879348

Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

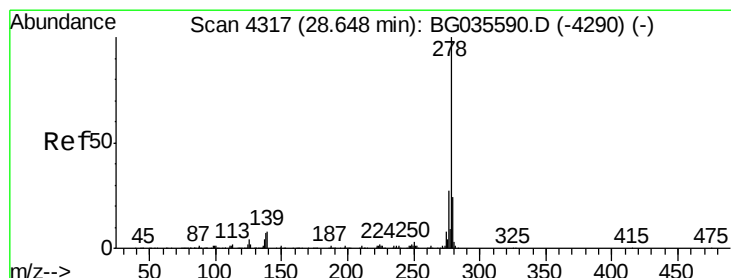
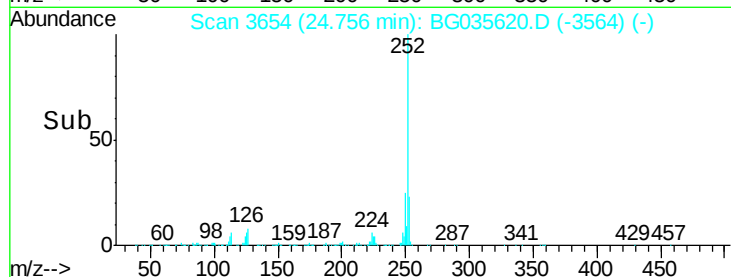
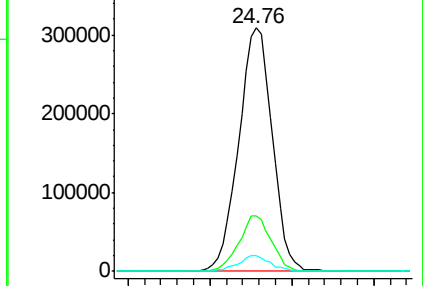
125 6.2 7.3 10.9#



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: 35.706 ng

RT: 28.65 min Scan# 4316

Delta R.T. -0.00 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

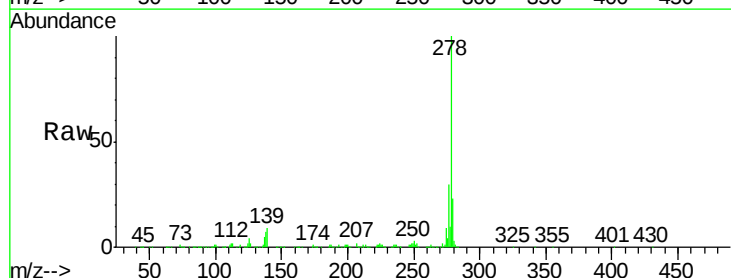
Tgt Ion:278 Resp: 847329

Ion Ratio Lower Upper

278 100

139 9.4 9.8 14.6#

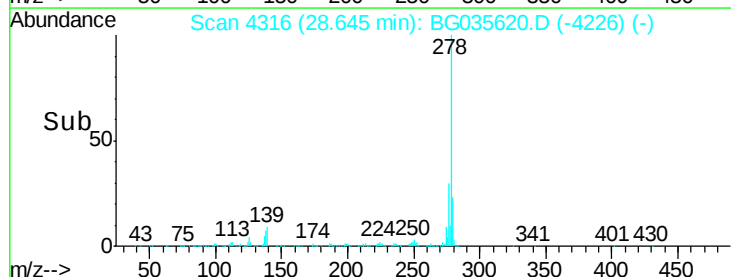
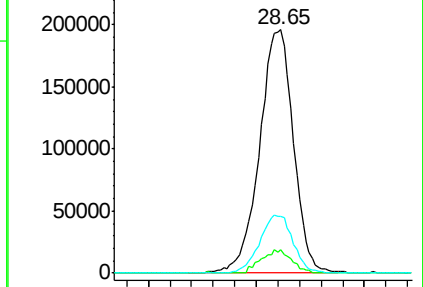
279 23.2 18.4 27.6

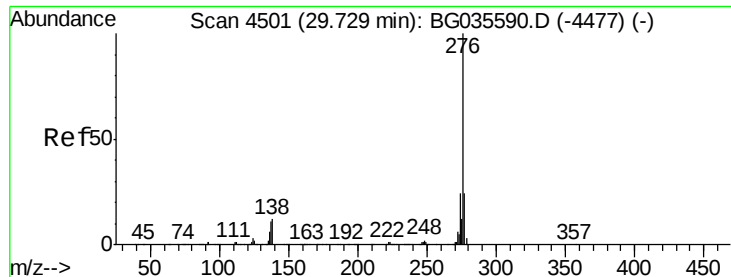


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.044 ng

RT: 29.74 min Scan# 4502

Delta R.T. 0.01 min

Lab File: BG035620.D

Acq: 13 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

PB111045BS

Tgt Ion: 276 Resp: 860229

Ion Ratio Lower Upper

276 100

277 22.5 18.3 27.5

138 13.8 13.9 20.9#

