

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073118\
 Data File : BG036004.D
 Acq On : 31 Jul 2018 16:50
 Operator : JU/SJ
 Sample : PB111524BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

Quant Time: Jul 31 18:47:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	46578	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	173868	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	129478	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	331308	20.00	ng	0.00
75) Chrysene-d12	21.66	240	345125	20.00	ng	0.00
86) Perylene-d12	24.85	264	332505	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	450937	160.73	ng	0.00
7) Phenol-d6	7.20	99	658630	157.35	ng	0.00
23) Nitrobenzene-d5	9.19	82	431006	103.56	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	304813	178.61	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	1001297	103.61	ng	0.00
78) Terphenyl-d14	20.00	244	1647869	105.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	46795	32.772	ng	# 74
3) Pyridine	3.91	79	134888	36.185	ng	# 74
4) n-Nitrosodimethylamine	3.83	42	55503	34.677	ng	# 64
6) Aniline	7.36	93	111839	20.614	ng	92
8) 2-Chlorophenol	7.59	128	141722	49.669	ng	99
9) Benzaldehyde	7.16	77	90105	35.083	ng	94
10) Phenol	7.22	94	208044	49.196	ng	95
11) bis(2-Chloroethyl)ether	7.45	93	140624	42.461	ng	87
12) 1,3-Dichlorobenzene	7.91	146	156715	45.481	ng	96
13) 1,4-Dichlorobenzene	8.06	146	159656	45.603	ng	94
14) 1,2-Dichlorobenzene	8.37	146	150692	44.805	ng	97
15) Benzyl Alcohol	8.26	79	168566	44.347	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	154892	55.786	ng	75
17) 2-Methylphenol	8.47	107	143195	49.803	ng	# 93
18) Hexachloroethane	9.10	117	60268	45.023	ng	93
19) n-Nitroso-di-n-propylamine	8.83	70	135039	38.311	ng	# 87
20) 3+4-Methylphenols	8.80	107	194818	48.842	ng	91
22) Acetophenone	8.84	105	245765	45.455	ng	# 90
24) Nitrobenzene	9.23	77	196128	46.856	ng	97
25) Isophorone	9.75	82	388614	50.298	ng	98
26) 2-Nitrophenol	9.94	139	87426	58.811	ng	# 92
27) 2,4-Dimethylphenol	10.00	122	153721	61.089	ng	90
28) bis(2-Chloroethoxy)methane	10.23	93	202055	47.461	ng	98
29) 2,4-Dichlorophenol	10.48	162	170804	59.463	ng	94
30) 1,2,4-Trichlorobenzene	10.68	180	179558	50.978	ng	98
31) Naphthalene	10.88	128	436221	48.164	ng	99
32) Benzoic acid	10.18	122	70785	41.786	ng	89
33) 4-Chloroaniline	10.99	127	29760	7.539	ng	92
34) Hexachlorobutadiene	11.15	225	138419	50.397	ng	97
35) Caprolactam	11.78	113	32082	26.026	ng	# 61
36) 4-Chloro-3-methylphenol	12.11	107	205608	53.401	ng	94
37) 2-Methylnaphthalene	12.48	142	346866	51.406	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	237367	48.572	ng	99
40) Hexachlorocyclopentadiene	12.82	237	325664	127.067	ng	93

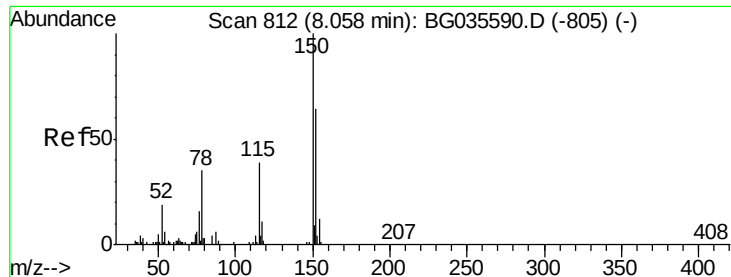
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073118\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	160236	56.068	ng	95
43) 2,4,5-Trichlorophenol	13.16	196	168492	52.701	ng #	95
45) 1,1'-Biphenyl	13.48	154	484224	48.237	ng	98
46) 2-Chloronaphthalene	13.53	162	382122	48.938	ng	99
47) 2-Nitroaniline	13.73	65	128496	46.549	ng	92
48) Acenaphthylene	14.37	152	626755	47.918	ng	98
49) Dimethylphthalate	14.10	163	532086	46.904	ng #	98
50) 2,6-Dinitrotoluene	14.23	165	121901	52.769	ng	89
51) Acenaphthene	14.71	154	367308	45.080	ng	98
52) 3-Nitroaniline	14.56	138	29532	12.508	ng #	92
53) 2,4-Dinitrophenol	14.77	184	125766	103.740	ng #	64
54) Dibenzofuran	15.05	168	616555	47.580	ng	94
55) 4-Nitrophenol	14.88	139	160577	95.498	ng	89
56) 2,4-Dinitrotoluene	15.01	165	172752	52.126	ng #	86
57) Fluorene	15.69	166	512030	47.145	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.28	232	169837	55.405	ng #	95
59) Diethylphthalate	15.47	149	527528	45.224	ng	98
60) 4-Chlorophenyl-phenylether	15.68	204	300126	47.017	ng	97
61) 4-Nitroaniline	15.72	138	112278	45.460	ng #	80
62) Azobenzene	15.98	77	522730	45.431	ng	95
64) 4,6-Dinitro-2-methylphenol	15.78	198	105396	57.148	ng	87
65) n-Nitrosodiphenylamine	15.90	169	450139	47.734	ng	98
66) 4-Bromophenyl-phenylether	16.58	248	204333	53.160	ng	96
67) Hexachlorobenzene	16.70	284	209160	52.841	ng	97
68) Atrazine	16.85	200	201604	51.923	ng	97
69) Pentachlorophenol	17.05	266	208941	86.662	ng	98
70) Phenanthrene	17.43	178	808092	48.881	ng	98
71) Anthracene	17.53	178	833345	50.625	ng	99
72) Carbazole	17.80	167	737829	47.198	ng	98
73) Di-n-butylphthalate	18.34	149	849915	46.007	ng #	98
74) Fluoranthene	19.44	202	1040455	46.724	ng	97
76) Benzidine	19.62	184	288663	31.814	ng	99
77) Pyrene	19.80	202	1032926	47.333	ng	98
79) Butylbenzylphthalate	20.68	149	394235	50.518	ng #	97
80) Benzo(a)anthracene	21.64	228	1059637	49.269	ng	99
81) 3,3'-Dichlorobenzidine	21.55	252	201925	26.926	ng #	96
82) Chrysene	21.70	228	989767	49.662	ng	98
83) Bis(2-ethylhexyl)phthalate	21.53	149	549051	51.751	ng	98
84) Di-n-octyl phthalate	22.73	149	920047	51.793	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	1126658	51.060	ng #	85
87) Benzo(b)fluoranthene	23.84	252	1014563	50.202	ng #	96
88) Benzo(k)fluoranthene	23.91	252	968390	49.013	ng #	97
89) Benzo(a)pyrene	24.71	252	973227	51.764	ng #	97
90) Dibenzo(a,h)anthracene	28.56	278	935786	50.698	ng #	96
91) Benzo(g,h,i)perylene	29.64	276	942514	52.182	ng #	94

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

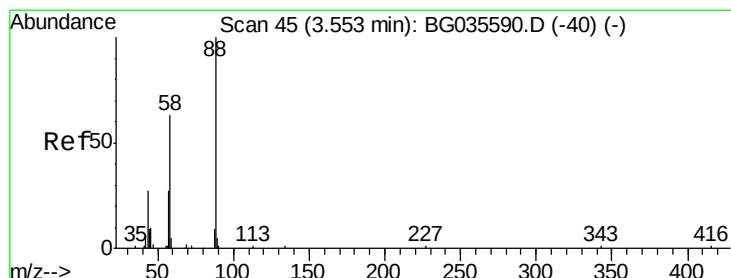
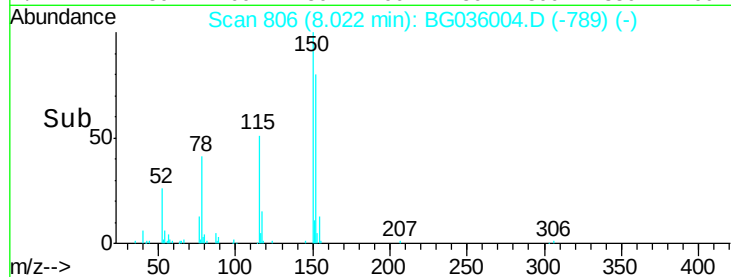
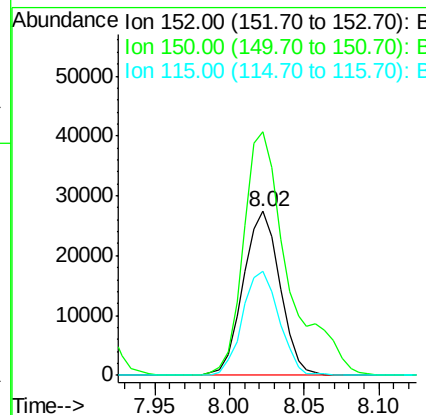
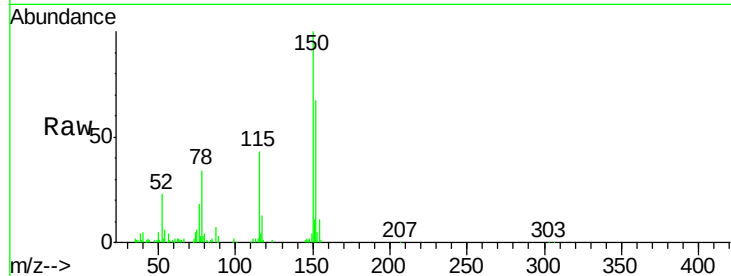


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB111524BS

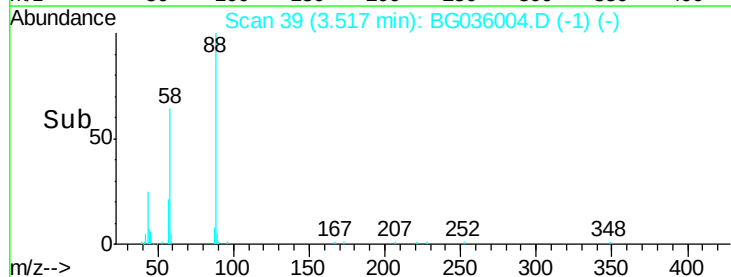
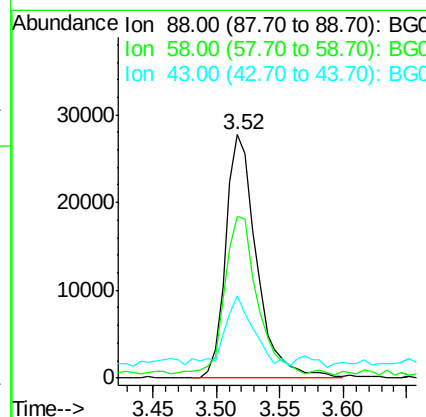
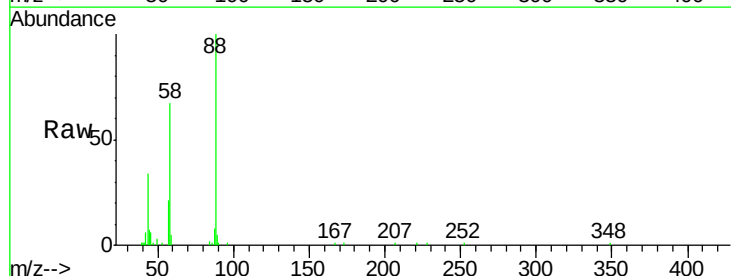
Tgt Ion: 152 Resp: 46578
Ion Ratio Lower Upper
152 100
150 148.4 126.6 189.8
115 63.7 53.0 79.4

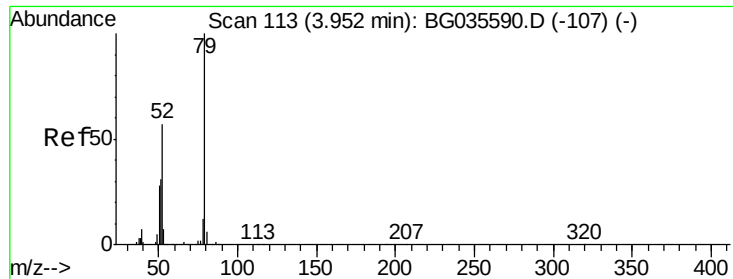


#2

1,4-Dioxane
Concen: 32.772 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion: 88 Resp: 46795
Ion Ratio Lower Upper
88 100
58 68.1 79.6 119.4#
43 27.7 27.4 41.0





#3

Pyridine

Concen: 36.185 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

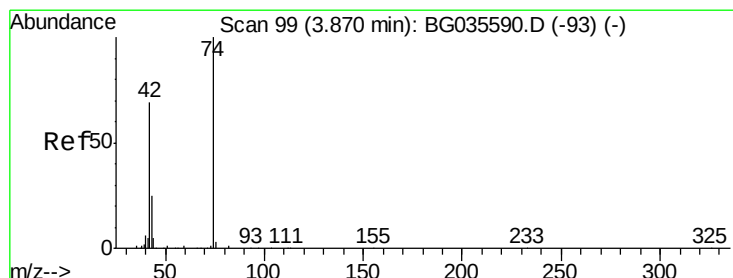
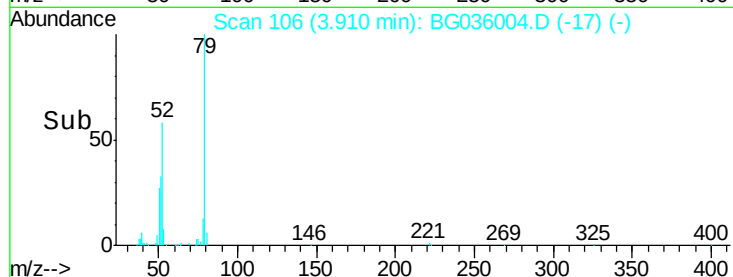
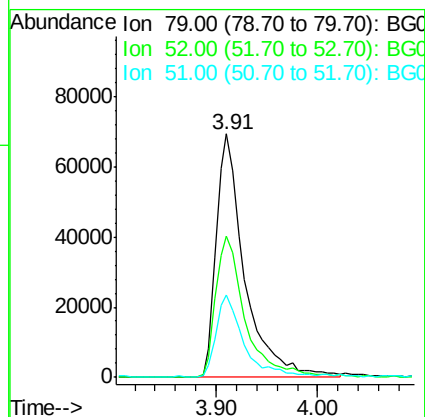
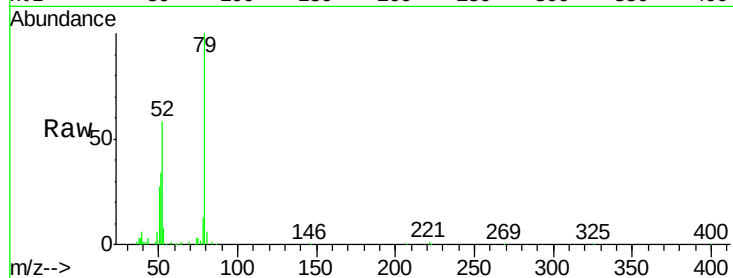
Tgt Ion: 79 Resp: 134888

Ion Ratio Lower Upper

79 100

52 58.0 69.9 104.9#

51 33.7 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 34.677 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

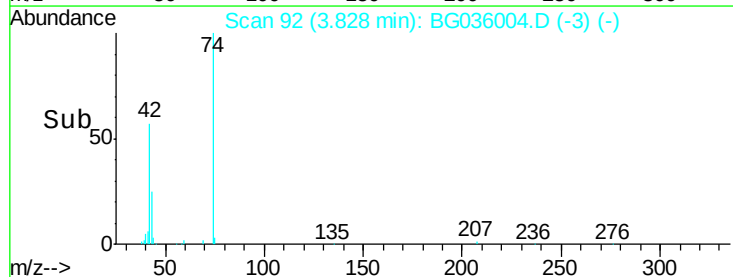
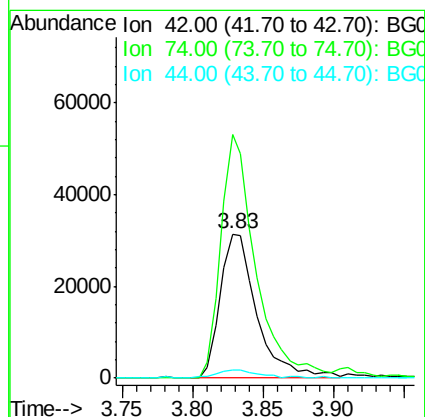
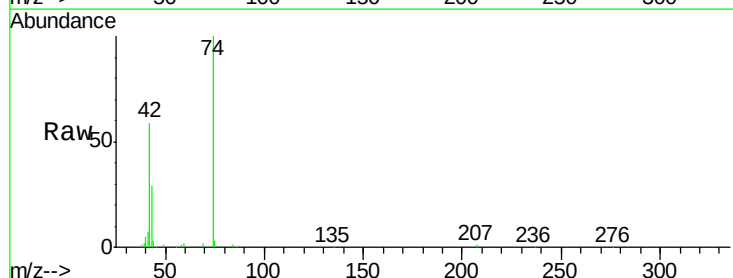
Tgt Ion: 42 Resp: 55503

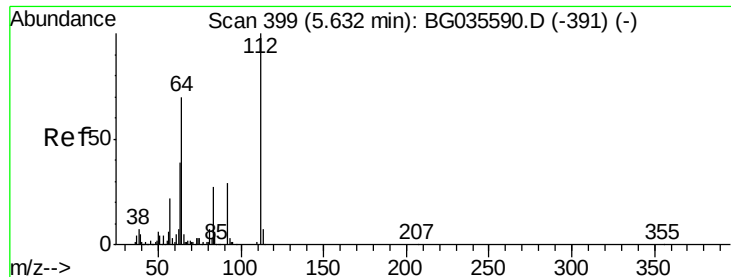
Ion Ratio Lower Upper

42 100

74 169.4 102.5 153.7#

44 5.8 18.9 28.3#





#5

2-Fluorophenol

Concen: 160.733 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

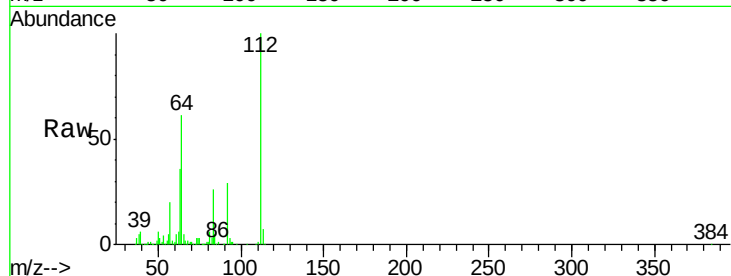
Tgt Ion: 112 Resp: 450937

Ion Ratio Lower Upper

112 100

64 60.6 56.3 84.5

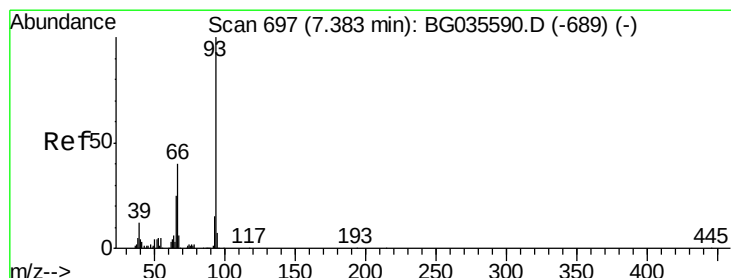
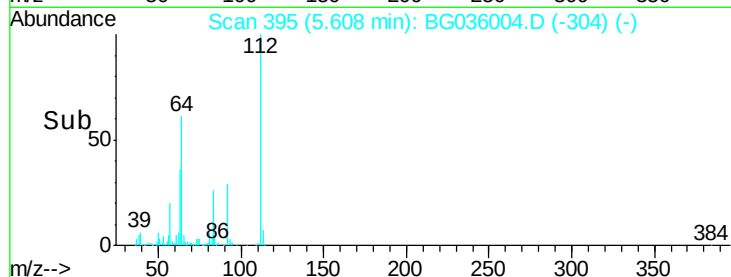
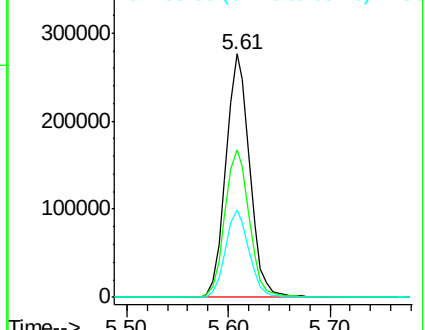
63 35.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.614 ng

RT: 7.36 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

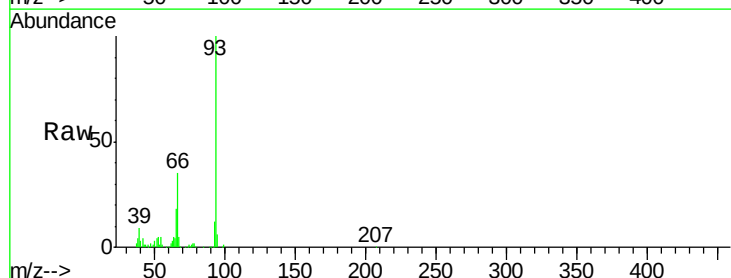
Tgt Ion: 93 Resp: 111839

Ion Ratio Lower Upper

93 100

66 35.5 33.7 50.5

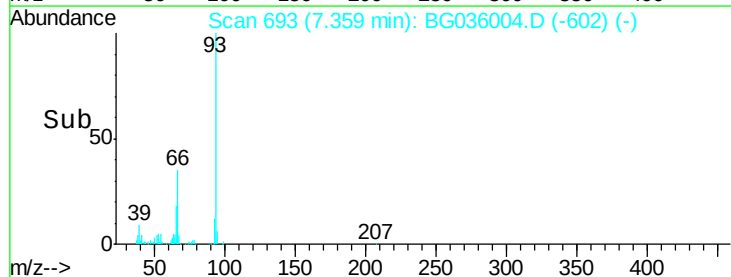
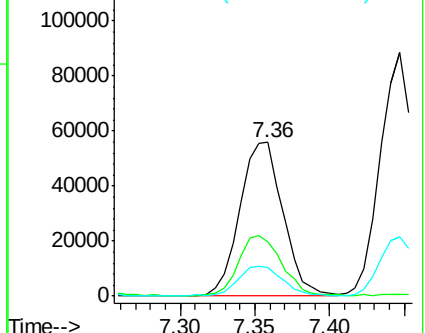
65 18.4 16.1 24.1

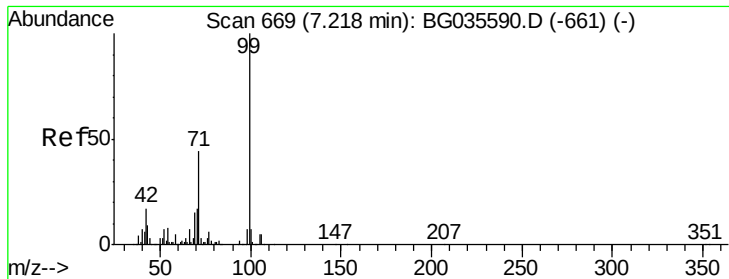


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 157.349 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

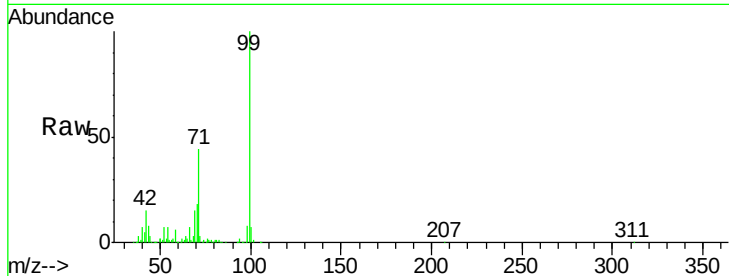
Tgt Ion: 99 Resp: 658630

Ion Ratio Lower Upper

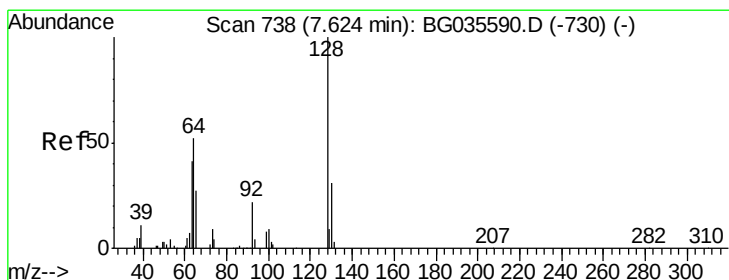
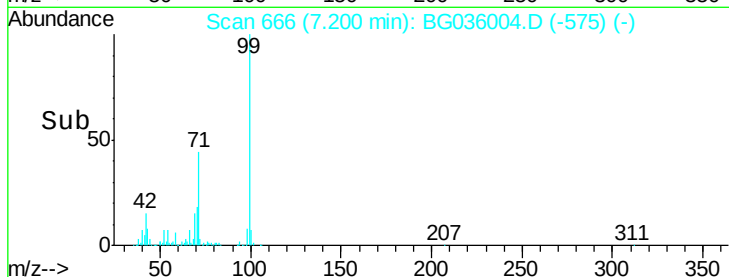
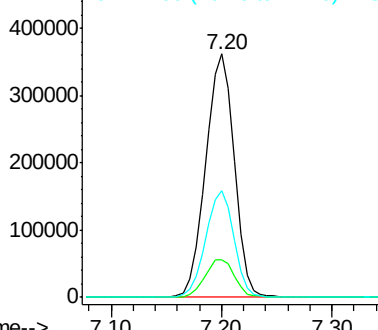
99 100

42 15.4 14.1 21.1

71 43.6 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: 49.669 ng

RT: 7.59 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

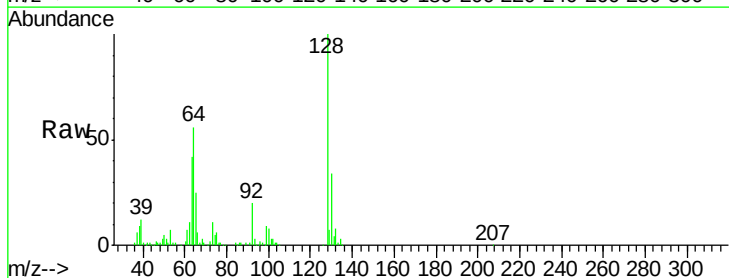
Tgt Ion: 128 Resp: 141722

Ion Ratio Lower Upper

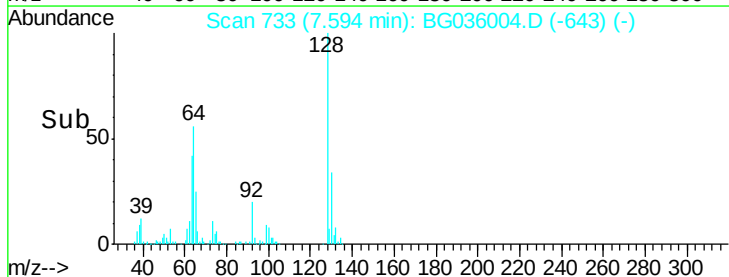
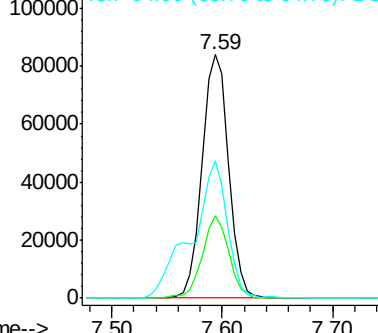
128 100

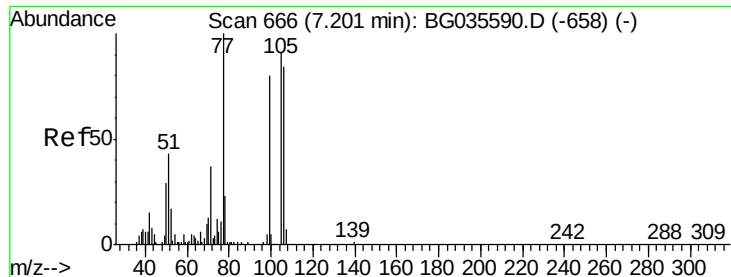
130 34.1 14.0 54.0

64 56.4 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: 35.083 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

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PB111524BS

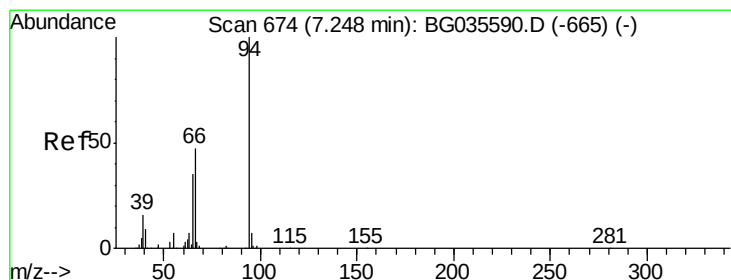
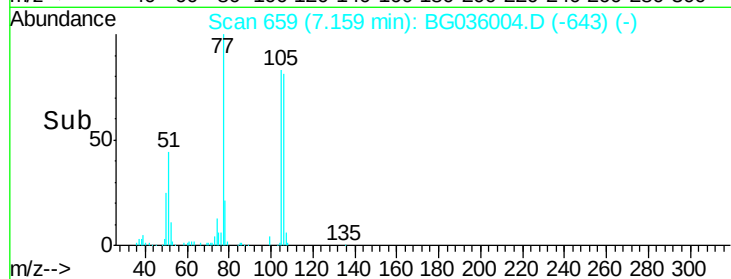
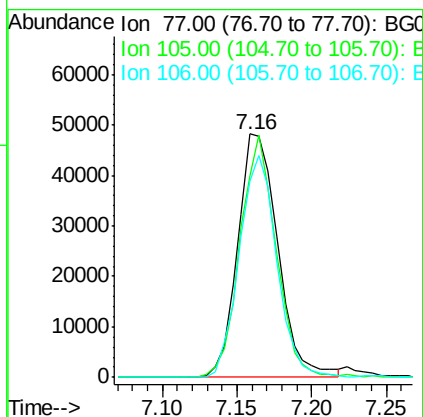
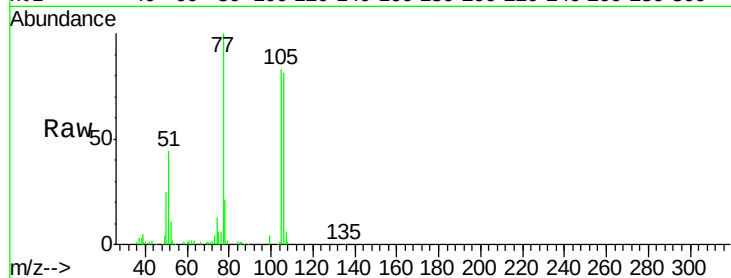
Tgt Ion: 77 Resp: 90105

Ion Ratio Lower Upper

77 100

105 82.8 71.3 111.3

106 80.9 64.2 104.2



#10

Phenol

Concen: 49.196 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

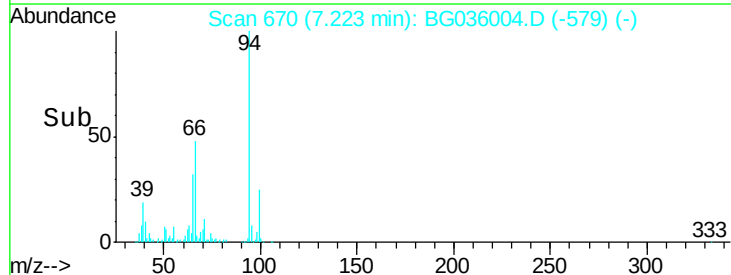
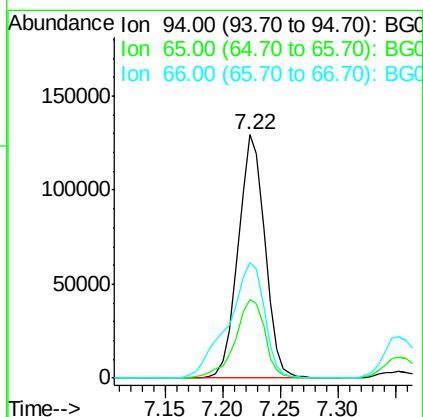
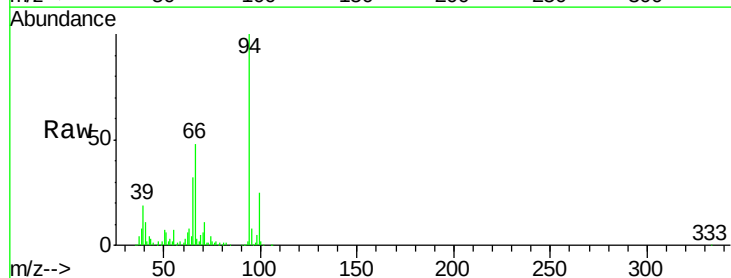
Tgt Ion: 94 Resp: 208044

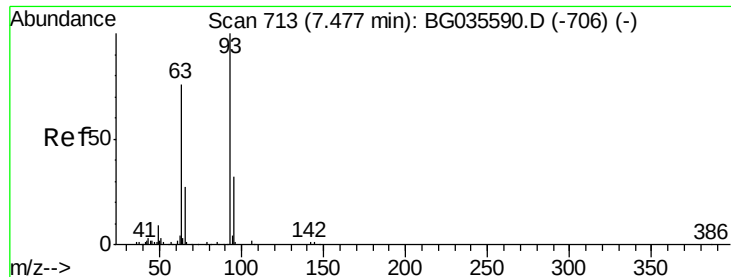
Ion Ratio Lower Upper

94 100

65 32.3 11.9 51.9

66 47.7 22.2 62.2

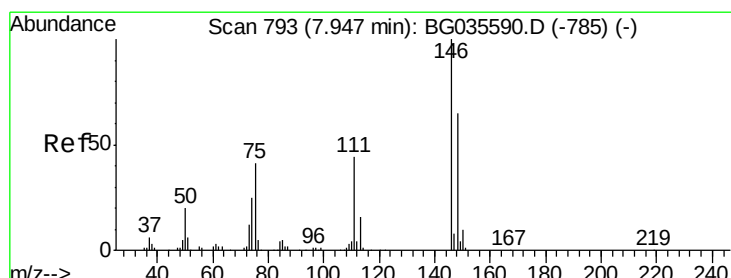
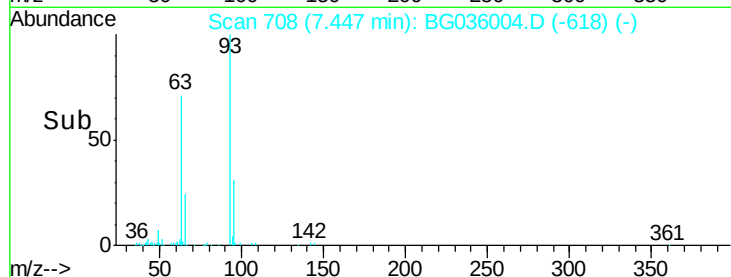
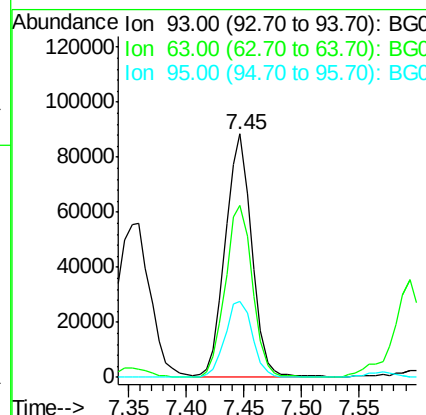
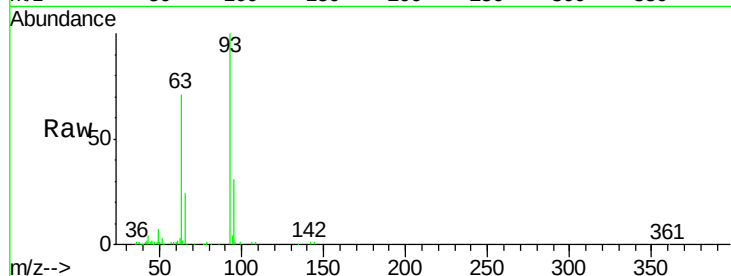




#11
 bis(2-Chloroethyl)ether
 Concen: 42.461 ng
 RT: 7.45 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

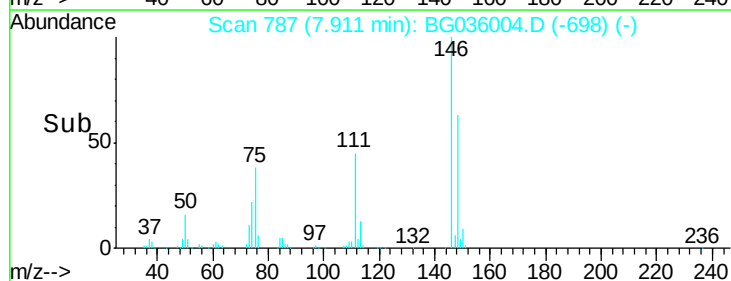
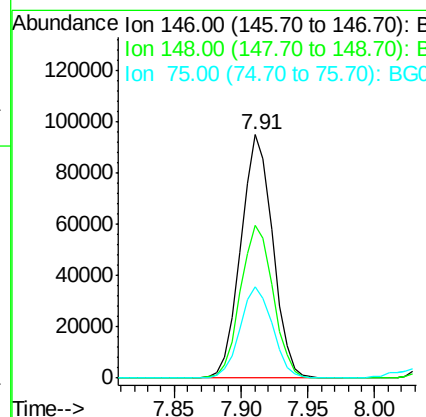
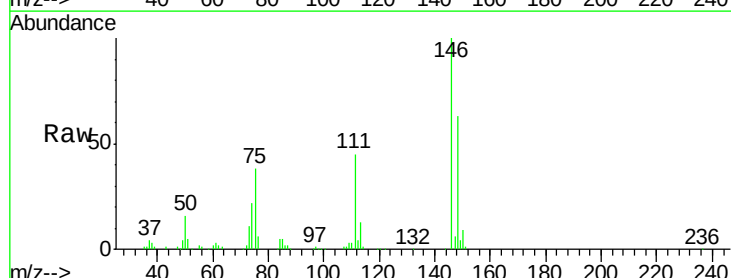
Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

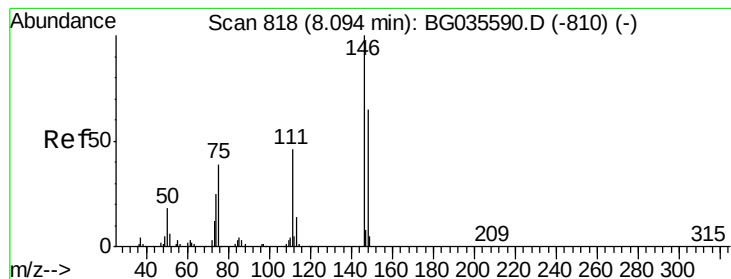
Tgt Ion: 93 Resp: 140624
 Ion Ratio Lower Upper
 93 100
 63 70.8 67.1 107.1
 95 31.3 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 45.481 ng
 RT: 7.91 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion: 146 Resp: 156715
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.4 77.2
 75 37.7 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 45.603 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

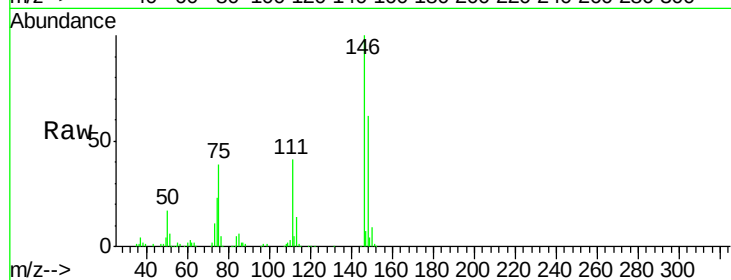
Tgt Ion:146 Resp: 159656

Ion Ratio Lower Upper

146 100

148 61.7 53.7 80.5

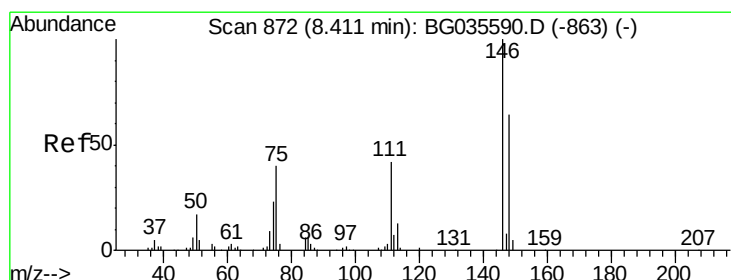
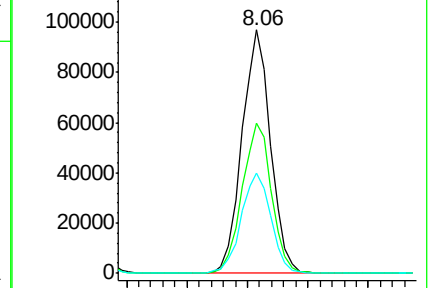
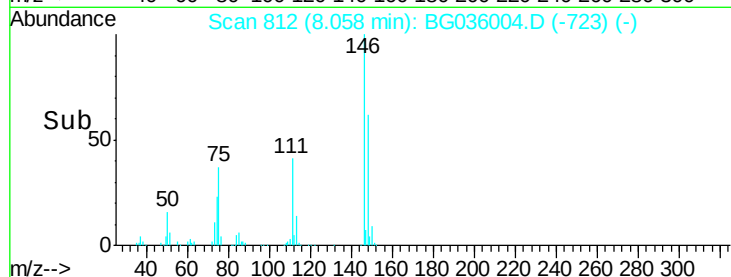
111 41.0 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.805 ng

RT: 8.37 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

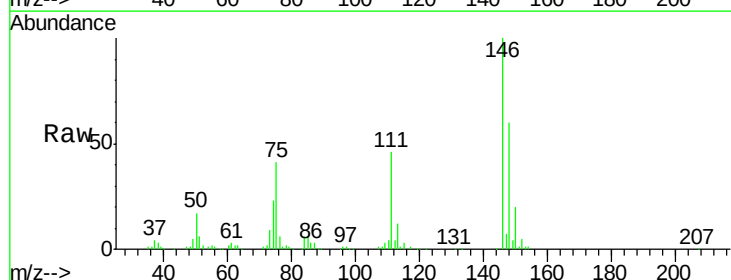
Tgt Ion:146 Resp: 150692

Ion Ratio Lower Upper

146 100

148 59.9 49.3 73.9

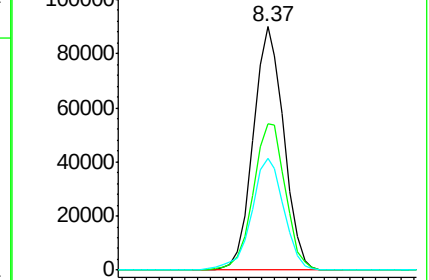
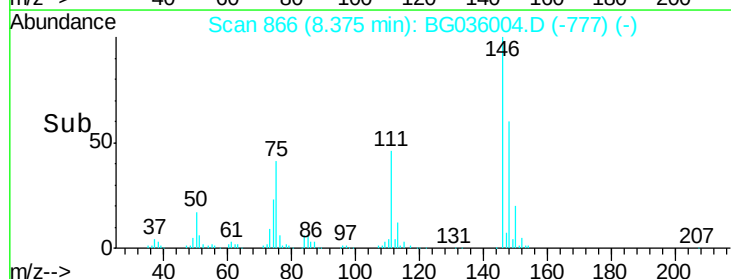
111 45.8 34.3 51.5

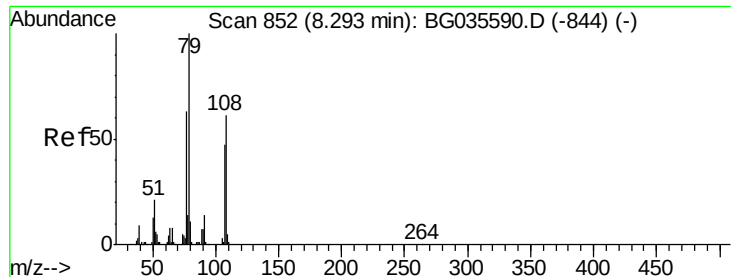


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.347 ng

RT: 8.26 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

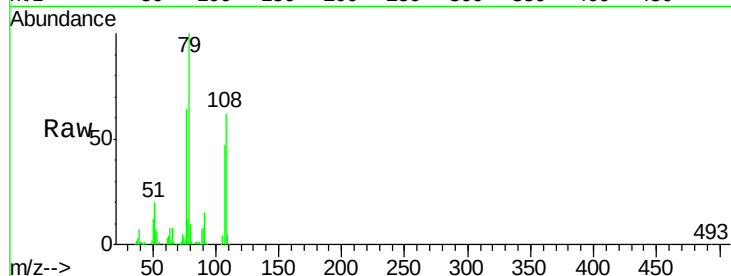
Tgt Ion: 79 Resp: 168566

Ion Ratio Lower Upper

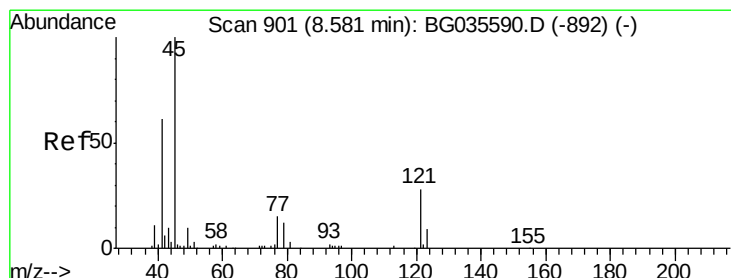
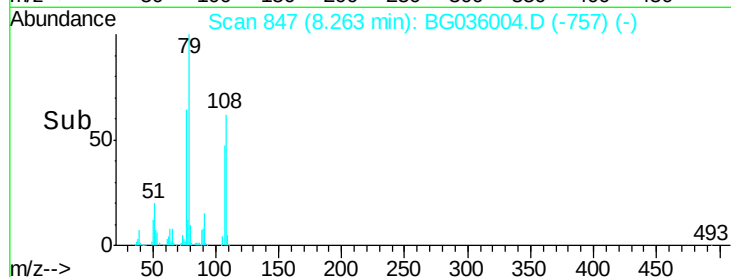
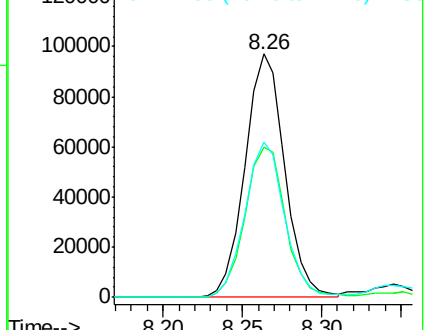
79 100

108 61.8 57.2 85.8

77 64.0 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: 55.786 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

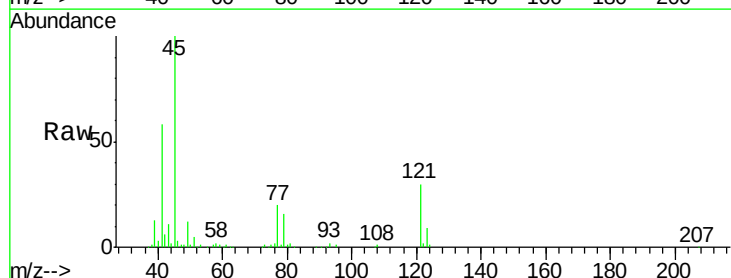
Tgt Ion: 45 Resp: 154892

Ion Ratio Lower Upper

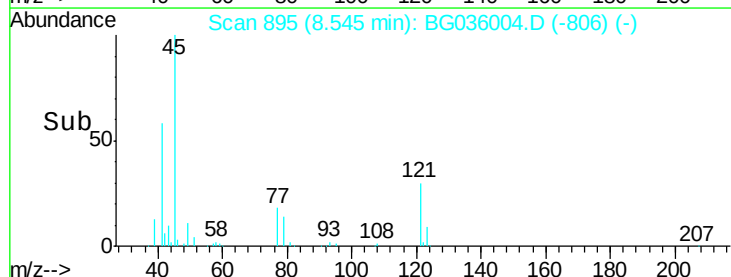
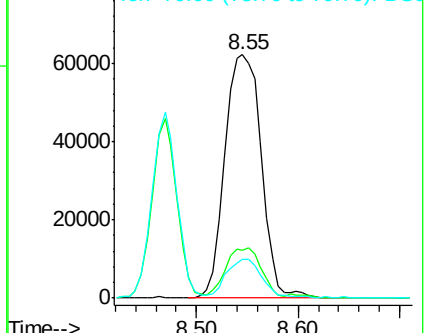
45 100

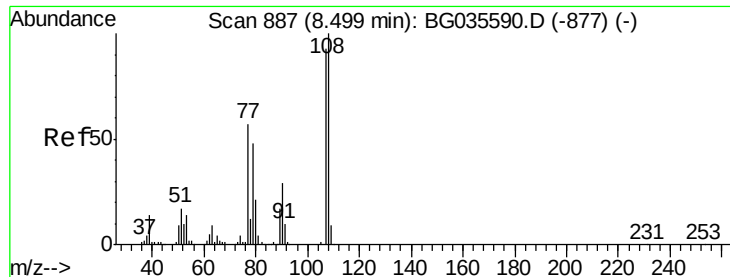
77 19.9 0.0 30.2

79 16.1 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

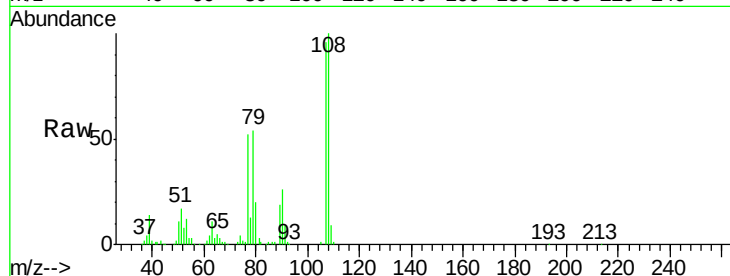




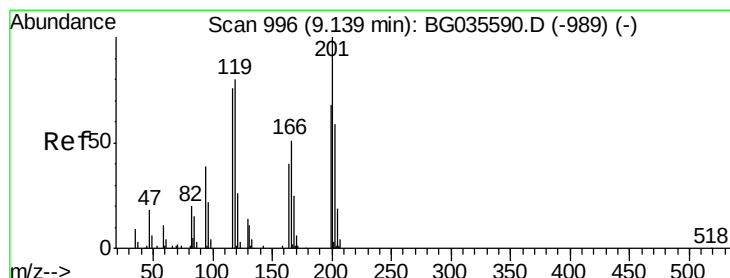
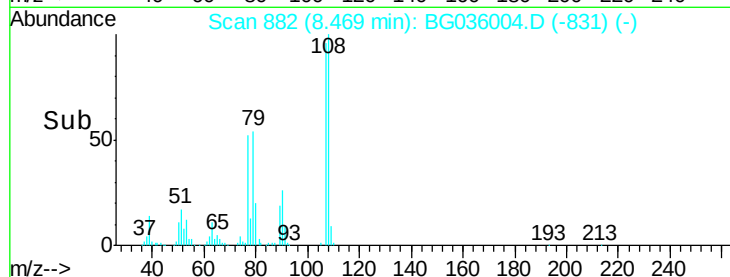
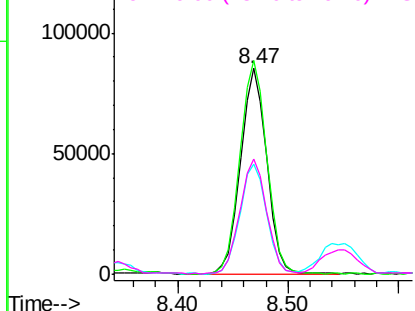
#17
2-Methylphenol
Concen: 49.803 ng
RT: 8.47 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB111524BS

Tgt Ion:	107	Resp:	143195
Ion	Ratio	Lower	Upper
107	100		
108	104.0	83.9	125.9
77	53.8	37.2	55.8
79	55.8	36.2	54.2#

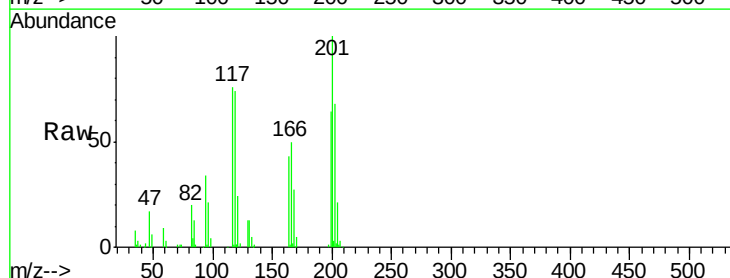


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

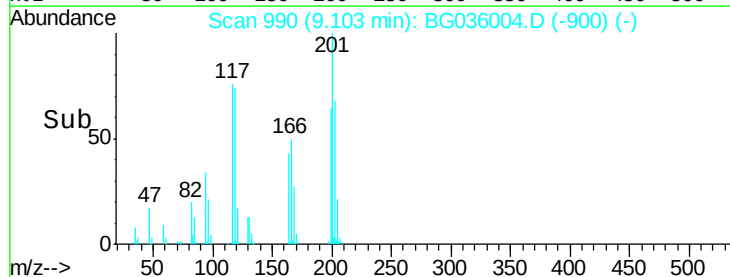
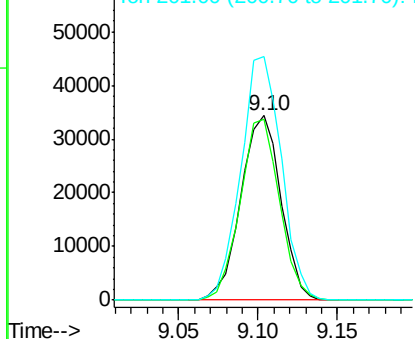


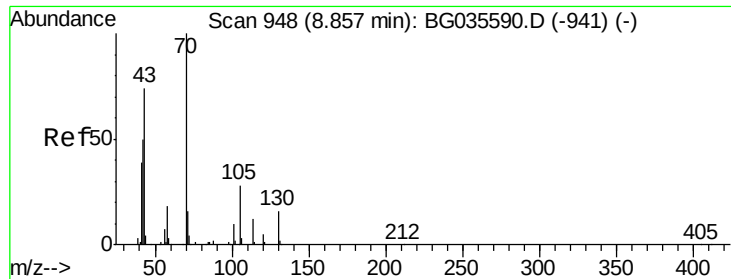
#18
Hexachloroethane
Concen: 45.023 ng
RT: 9.10 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion:	117	Resp:	60268
Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.7	115.1
201	132.1	95.7	143.5



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

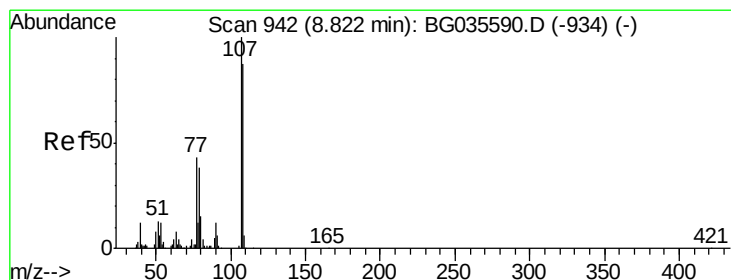
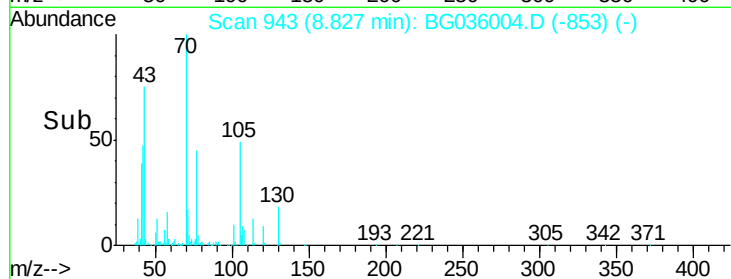
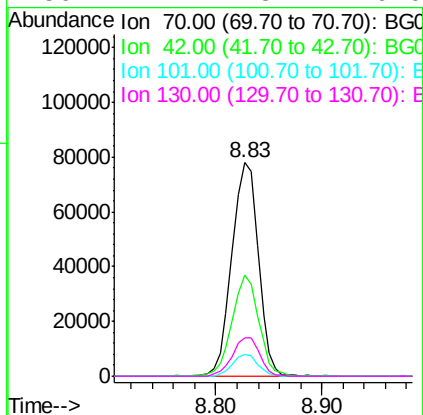
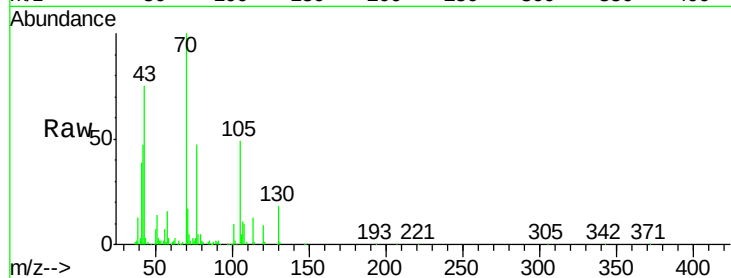




#19
n-Nitroso-di-n-propylamine
Concen: 38.311 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

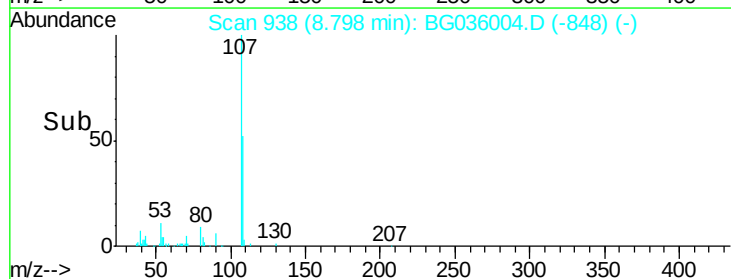
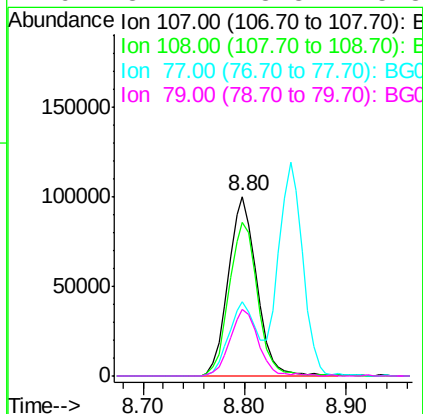
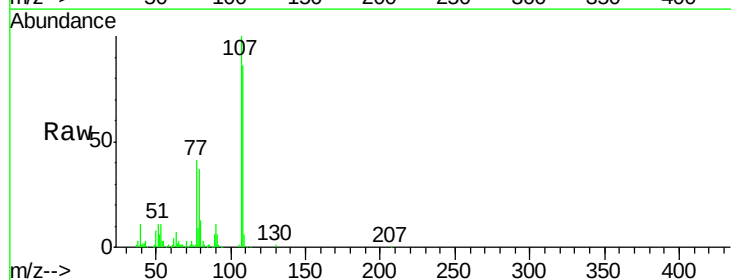
Instrument :
BNA_G
ClientSampleId :
PB111524BS

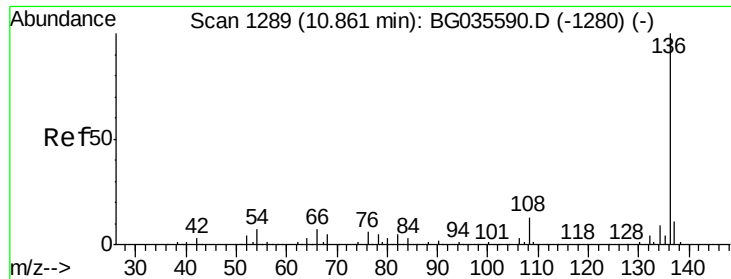
Tgt Ion:	70	Resp:	135039
Ion	Ratio	Lower	Upper
70	100		
42	47.2	49.1	73.7#
101	9.9	8.5	12.7
130	17.7	13.4	20.0



#20
3+4-Methylphenols
Concen: 48.842 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion:	107	Resp:	194818
Ion	Ratio	Lower	Upper
107	100		
108	85.7	61.6	101.6
77	41.3	13.9	53.9
79	37.2	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

Tgt Ion:136 Resp: 173868

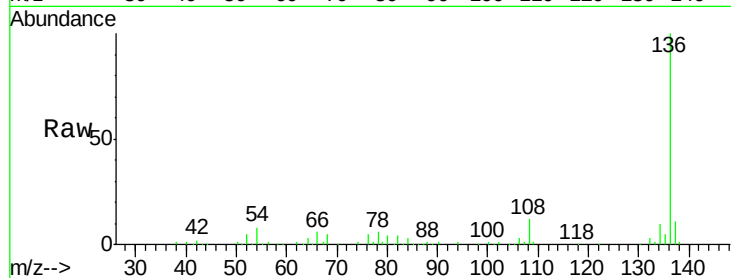
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.8 10.3 15.5#

68 4.9 4.5 6.7

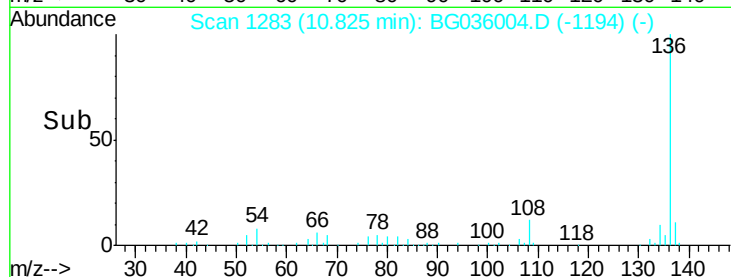


Abundance Ion 136.00 (135.70 to 136.70): E

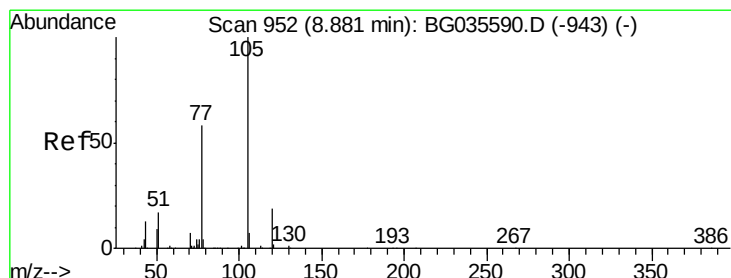
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 45.455 ng

RT: 8.84 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Tgt Ion:105 Resp: 245765

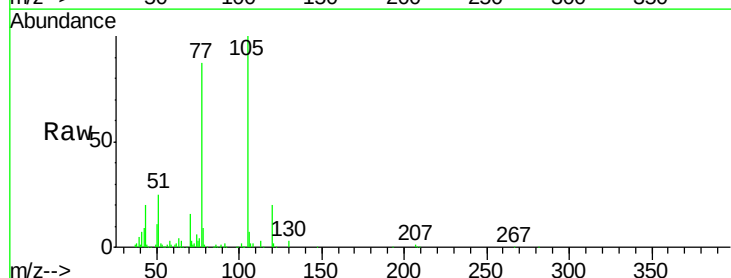
Ion Ratio Lower Upper

105 100

71 2.7 3.0 4.4#

51 24.6 26.1 39.1#

120 20.1 17.4 26.2

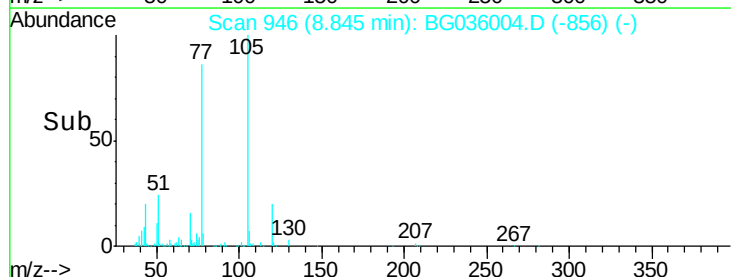


Abundance Ion 105.00 (104.70 to 105.70): E

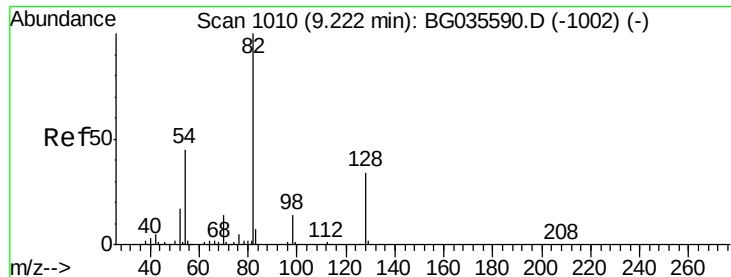
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



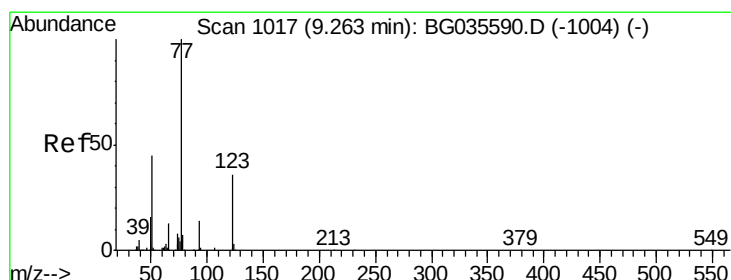
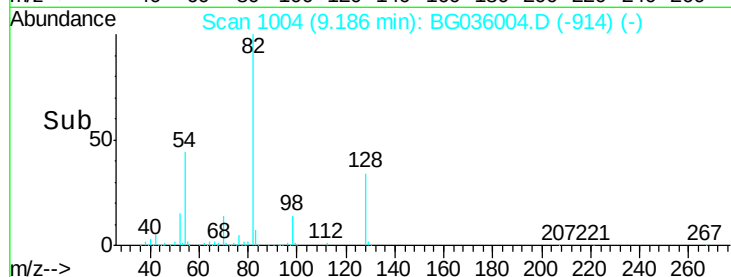
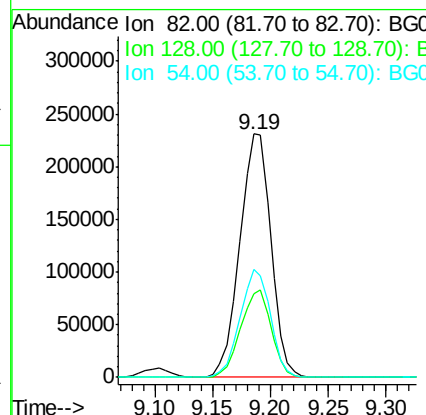
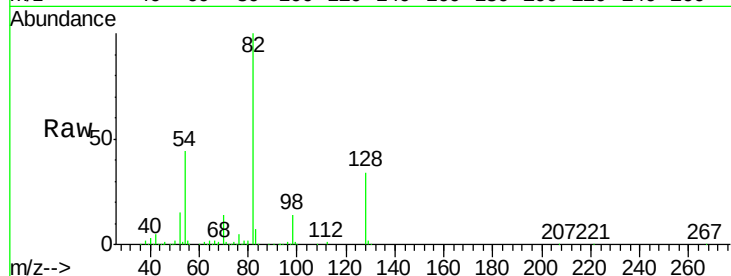
Time-->



#23
 Nitrobenzene-d5
 Concen: 103.556 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

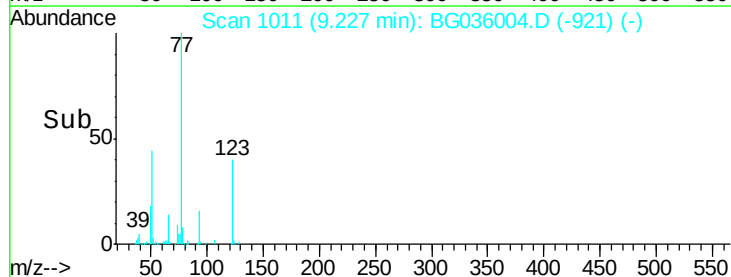
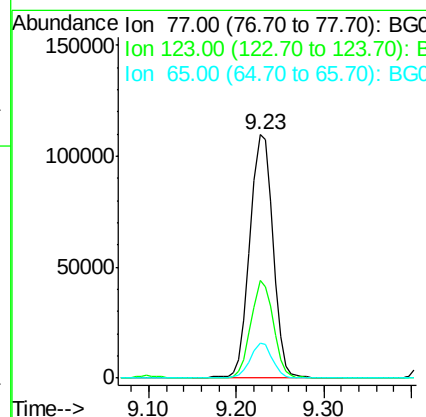
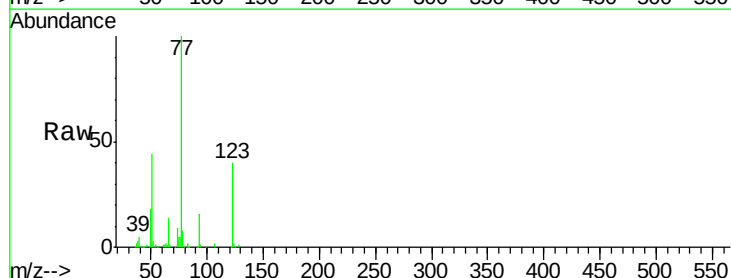
Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

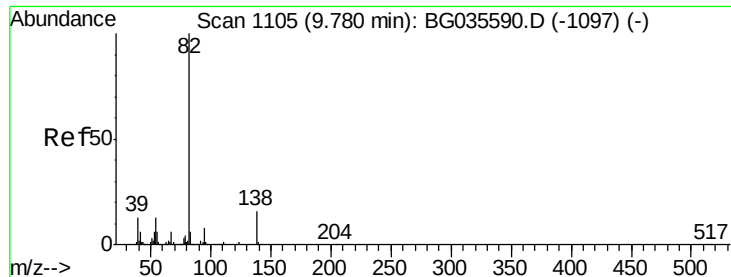
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	44.2	43.1	64.7



#24
 Nitrobenzene
 Concen: 46.856 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.3	33.0	49.6
65	14.3	13.0	19.6





#25

Isophorone

Concen: 50.298 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

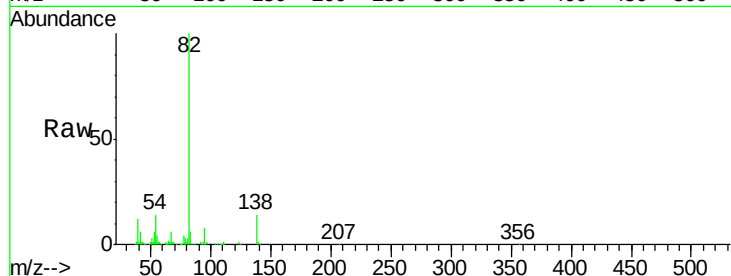
Tgt Ion: 82 Resp: 388614

Ion Ratio Lower Upper

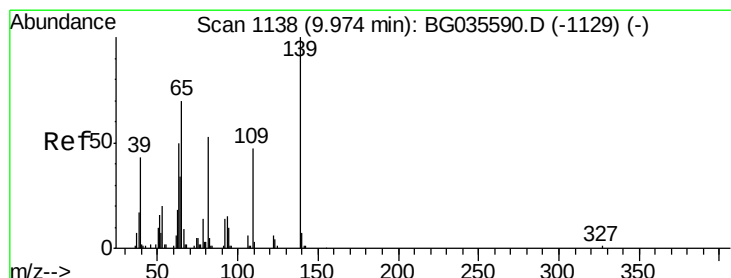
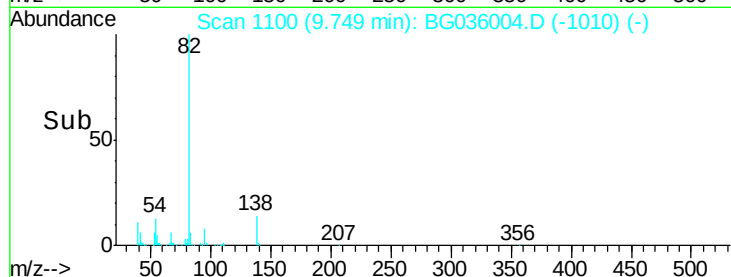
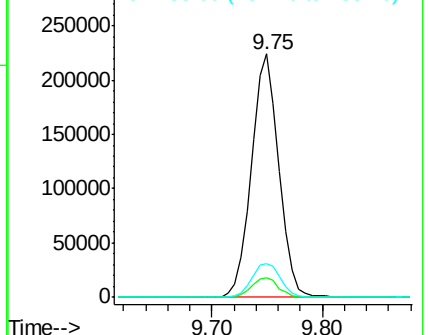
82 100

95 8.2 6.2 9.2

138 14.1 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: 58.811 ng

RT: 9.94 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

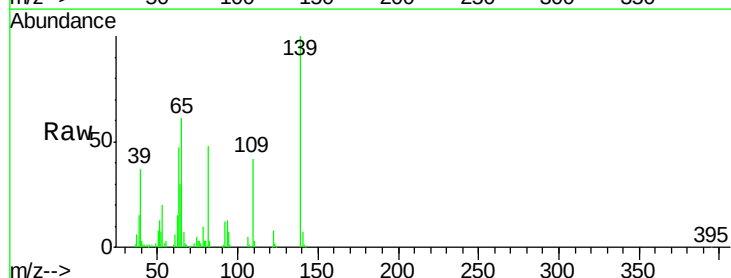
Tgt Ion: 139 Resp: 87426

Ion Ratio Lower Upper

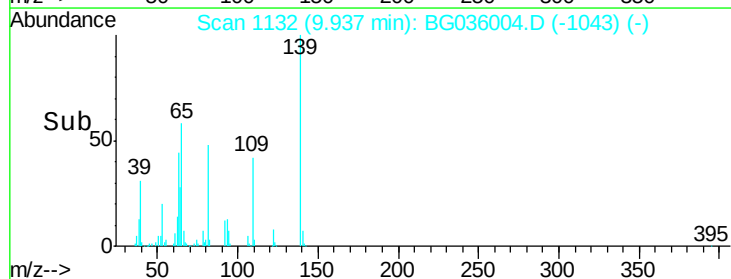
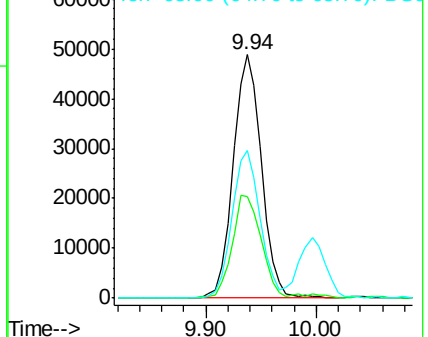
139 100

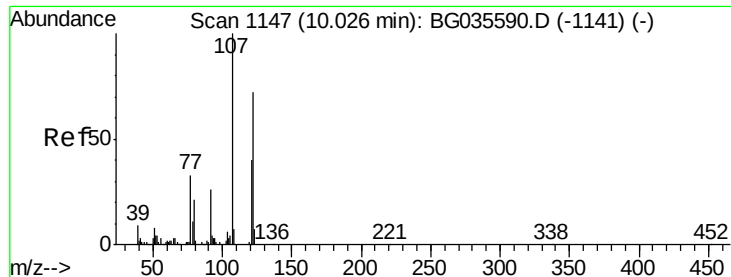
109 42.0 24.2 36.2#

65 60.5 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

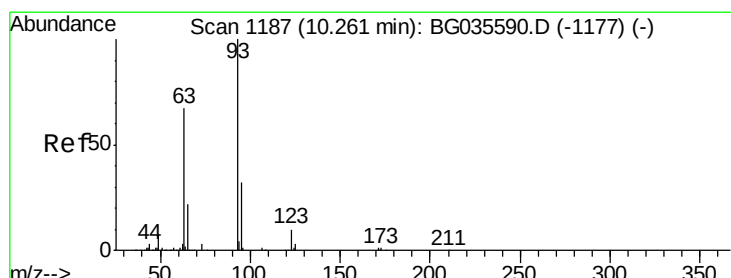
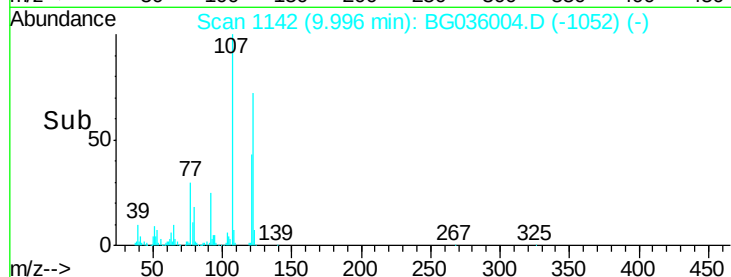
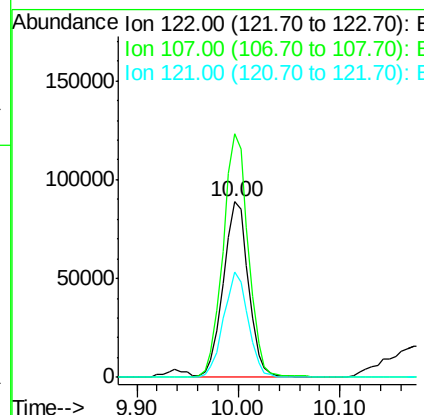
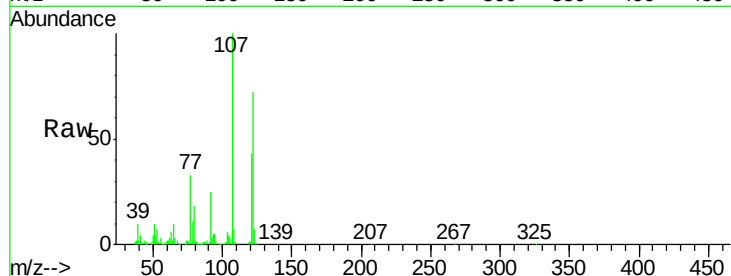




#27
2,4-Dimethylphenol
Concen: 61.089 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

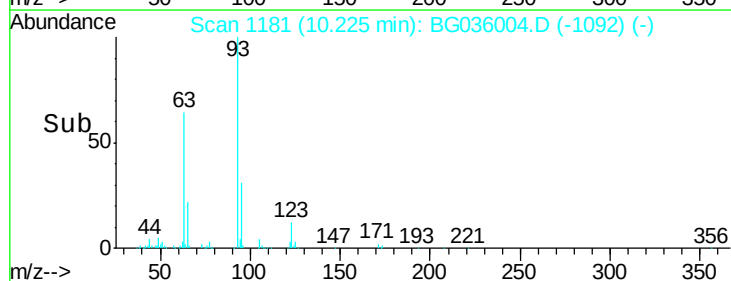
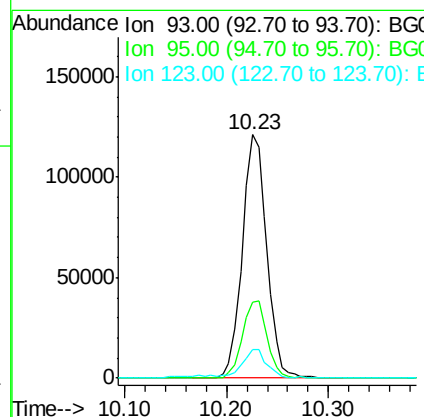
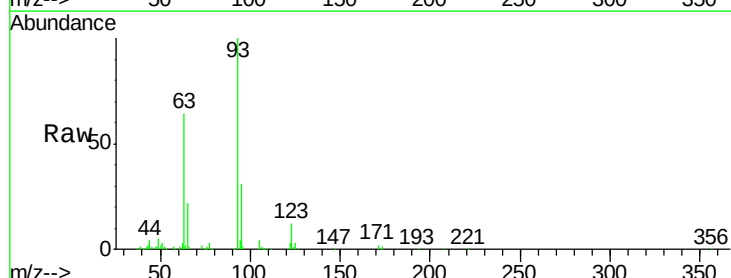
Instrument :
BNA_G
ClientSampleId :
PB111524BS

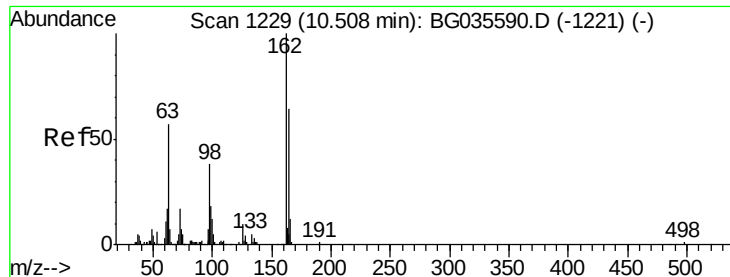
Tgt Ion	Ratio	Lower	Upper
122	100		
107	138.9	100.2	150.2
121	60.0	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 47.461 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	24.3	36.5
123	11.7	8.4	12.6

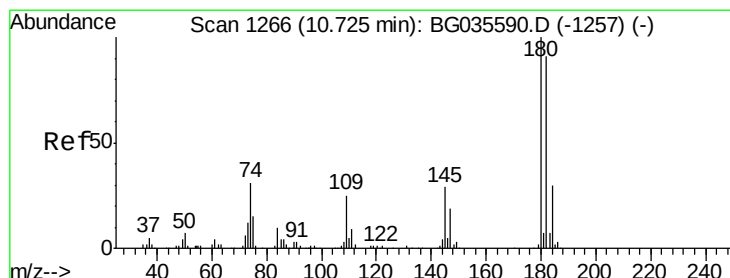
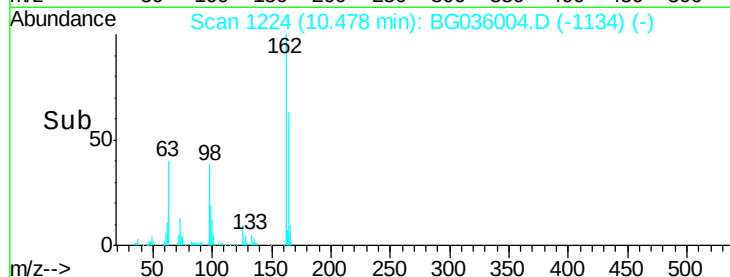
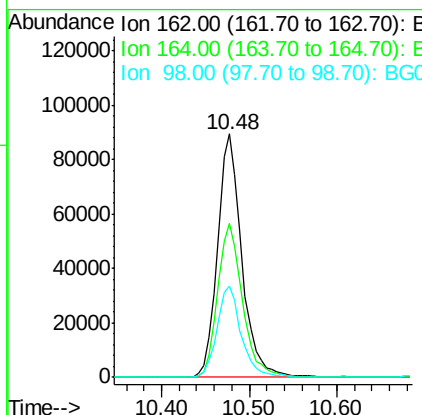
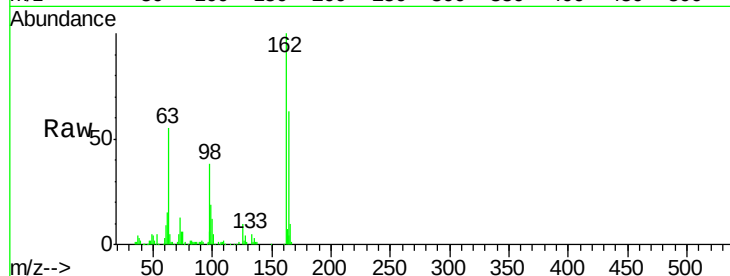




#29
 2,4-Dichlorophenol
 Concen: 59.463 ng
 RT: 10.48 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

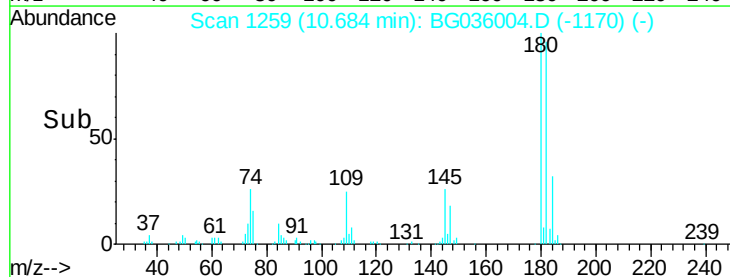
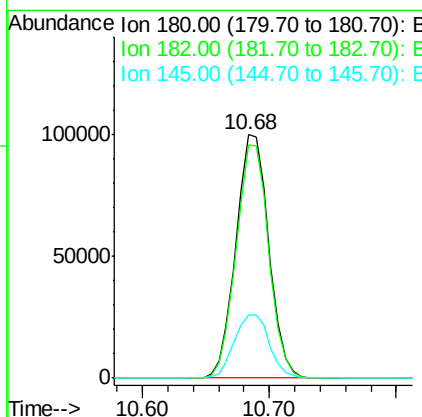
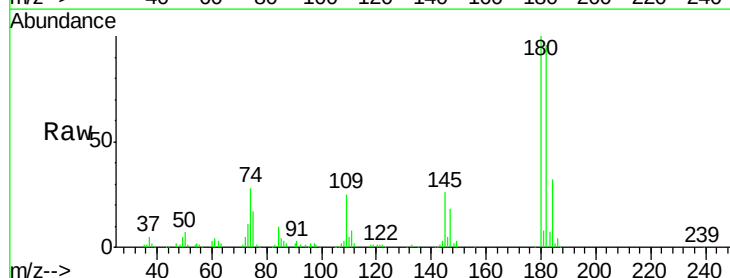
Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

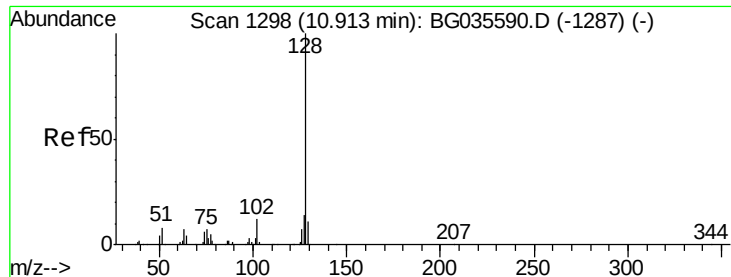
Tgt Ion:162 Resp: 170804
 Ion Ratio Lower Upper
 162 100
 164 63.2 48.0 88.0
 98 37.6 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 50.978 ng
 RT: 10.68 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion:180 Resp: 179558
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.5 116.3
 145 26.0 23.4 35.2

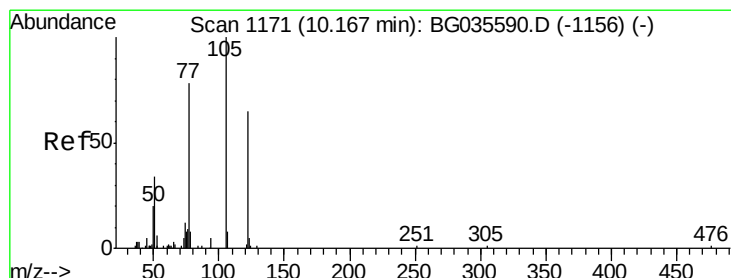
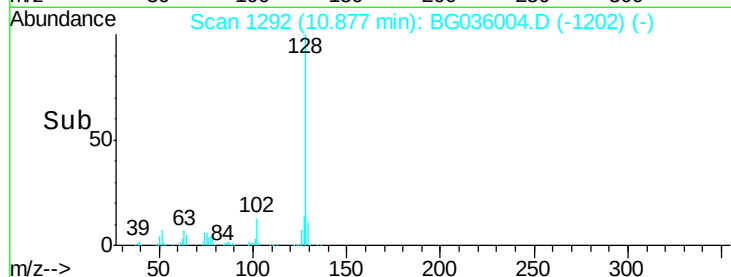
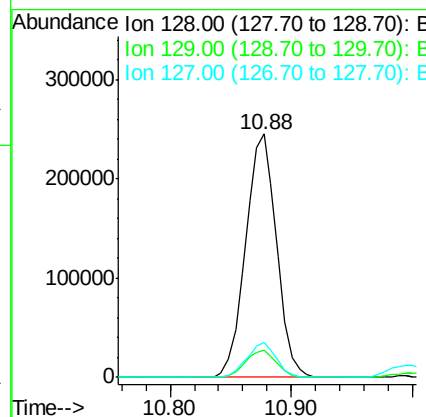
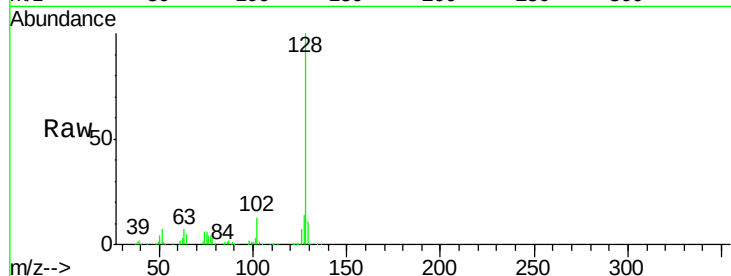




#31
Naphthalene
Concen: 48.164 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

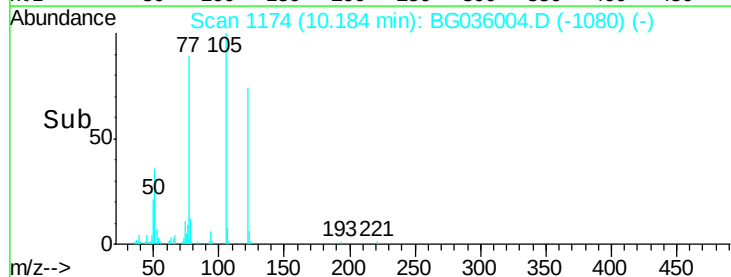
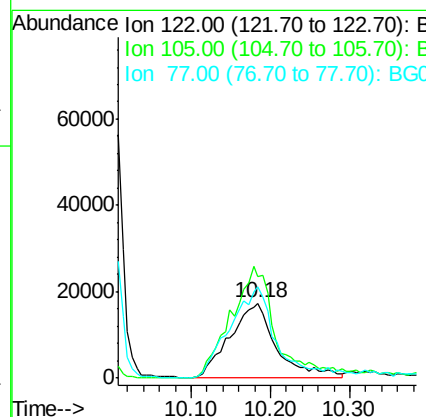
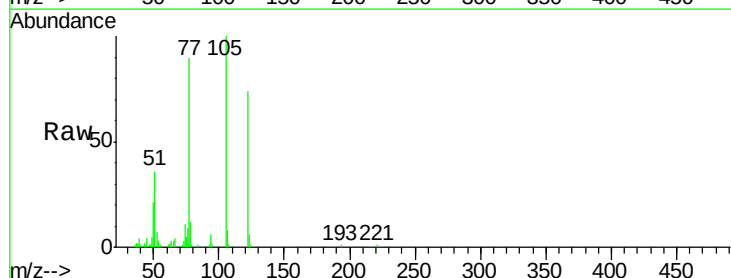
Instrument :
BNA_G
ClientSampleId :
PB111524BS

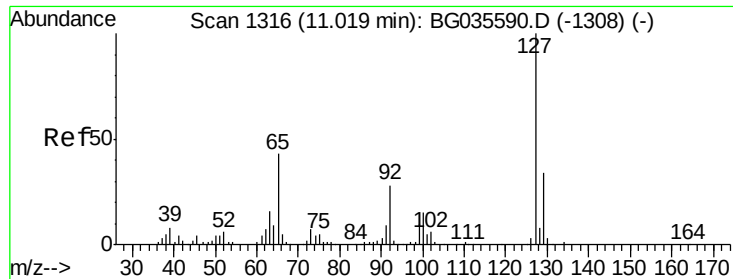
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	14.4	11.6	17.4



#32
Benzoic acid
Concen: 41.786 ng
RT: 10.18 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.4	123.5	163.5
77	122.2	85.7	125.7

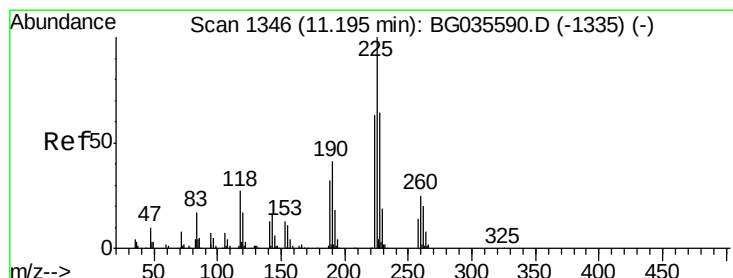
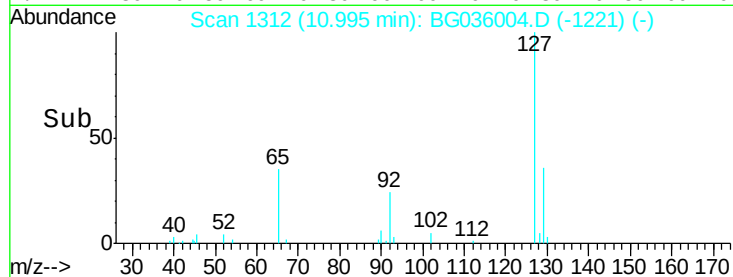
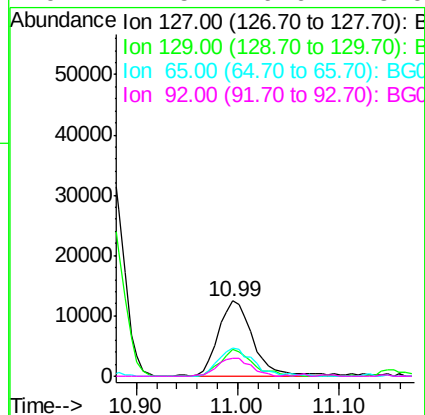
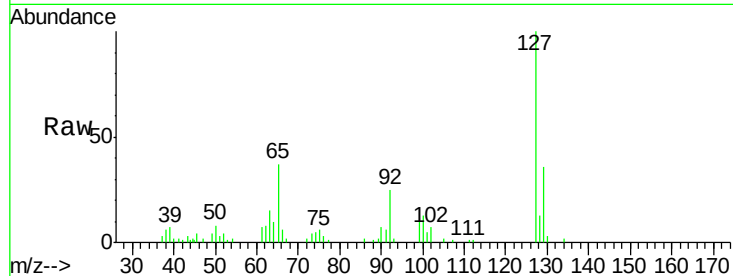




#33
 4-Chloroaniline
 Concen: 7.539 ng
 RT: 10.99 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

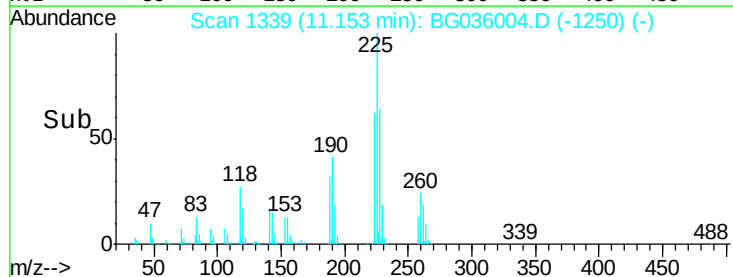
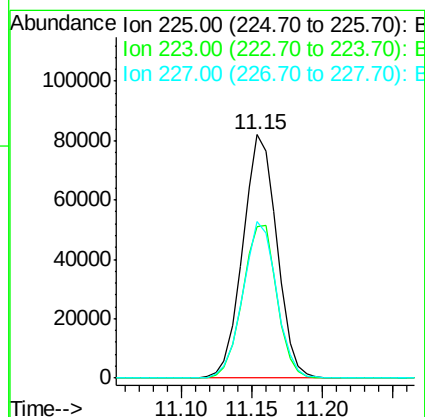
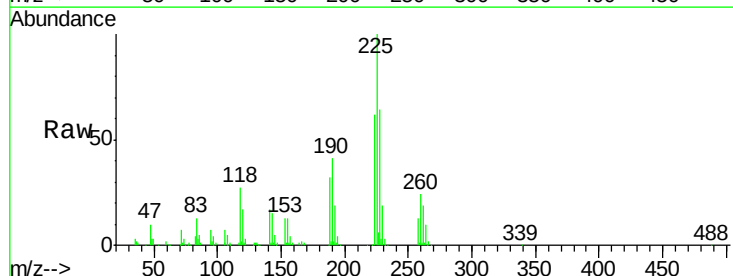
Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

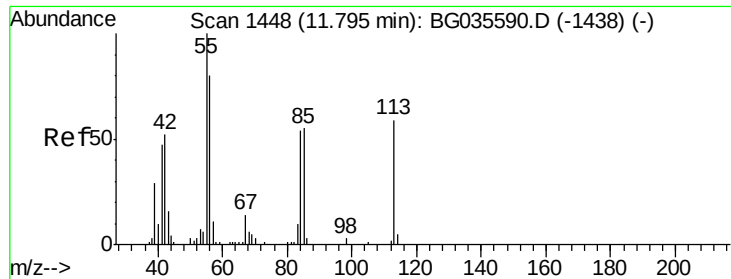
Tgt Ion:	127	Resp:	29760
Ion	Ratio	Lower	Upper
127	100		
129	36.0	24.0	36.0
65	37.3	27.0	40.4
92	24.5	16.6	25.0



#34
 Hexachlorobutadiene
 Concen: 50.397 ng
 RT: 11.15 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion:	225	Resp:	138419
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.7	74.5
227	64.1	48.1	72.1

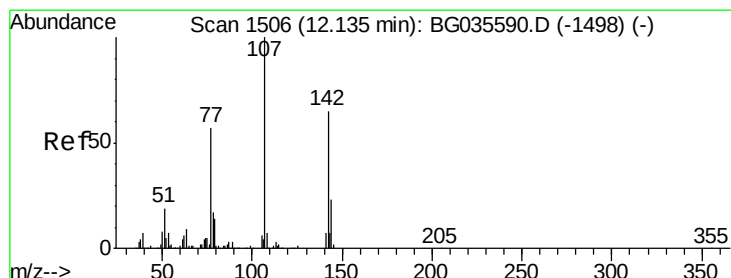
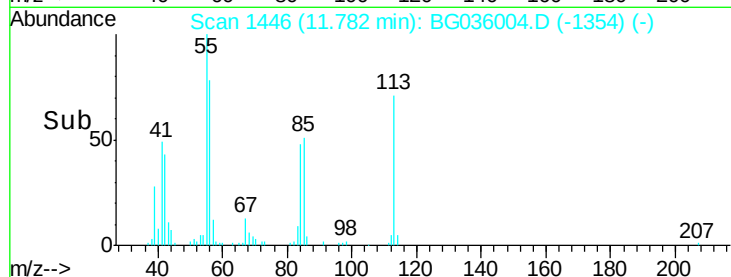
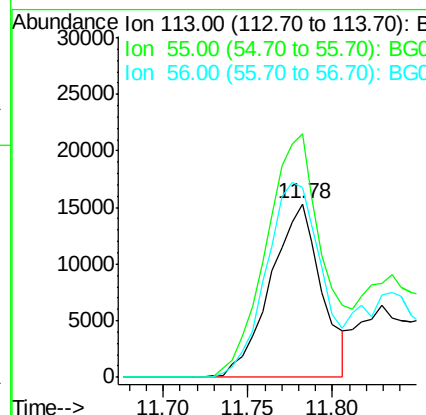
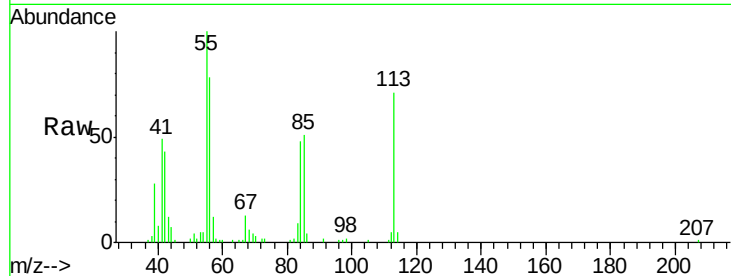




#35
 Caprolactam
 Concen: 26.026 ng
 RT: 11.78 min Scan# 1446
 Delta R.T. 0.01 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

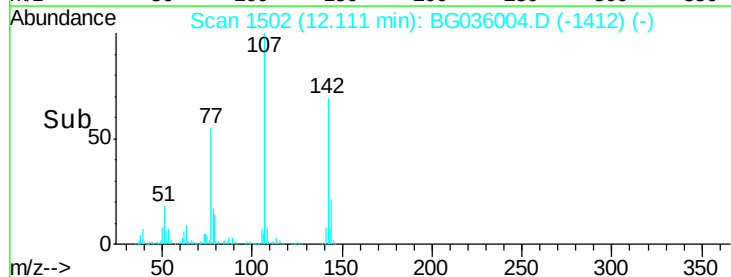
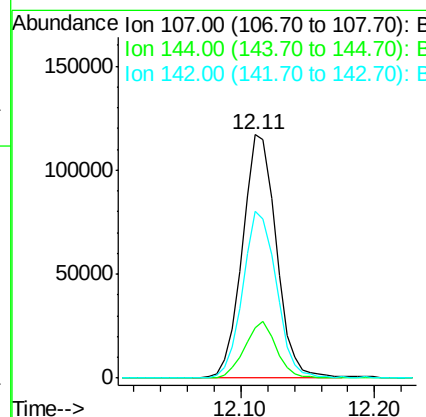
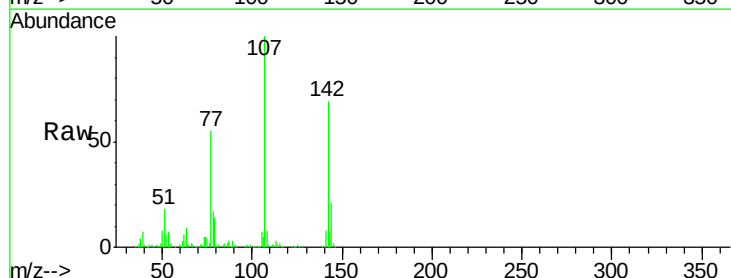
Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

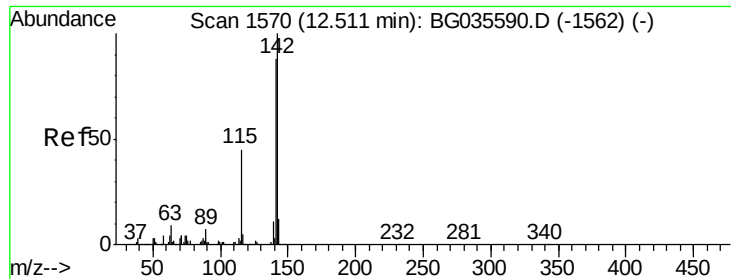
Tgt Ion:113 Resp: 32082
 Ion Ratio Lower Upper
 113 100
 55 140.3 186.9 226.9#
 56 109.1 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 53.401 ng
 RT: 12.11 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion:107 Resp: 205608
 Ion Ratio Lower Upper
 107 100
 144 20.9 18.2 27.4
 142 68.6 59.0 88.4





#37

2-Methylnaphthalene

Concen: 51.406 ng

RT: 12.48 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

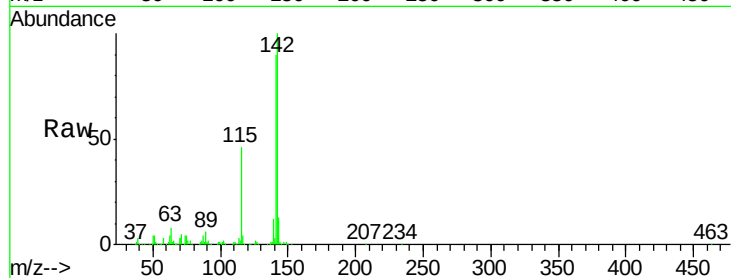
Tgt Ion:142 Resp: 346866

Ion Ratio Lower Upper

142 100

141 90.1 67.1 100.7

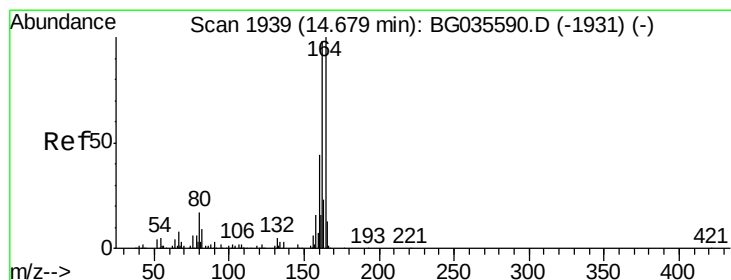
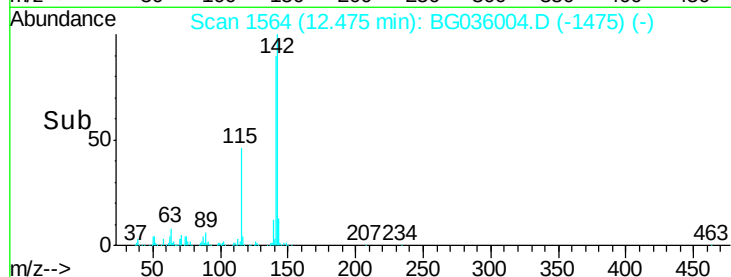
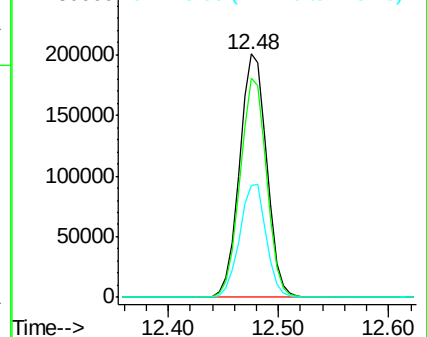
115 45.7 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

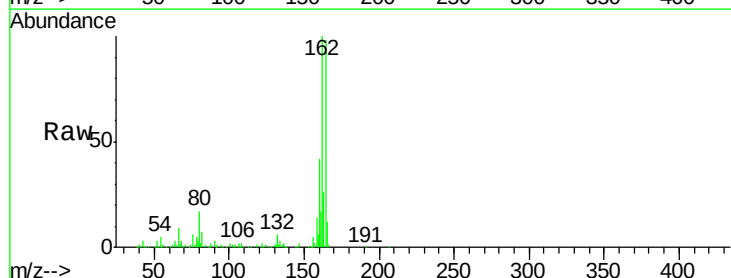
Tgt Ion:164 Resp: 129478

Ion Ratio Lower Upper

164 100

162 101.8 78.8 118.2

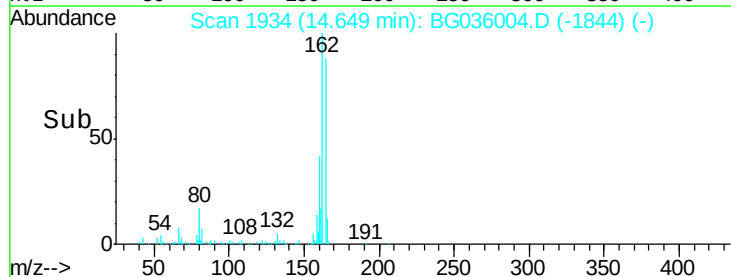
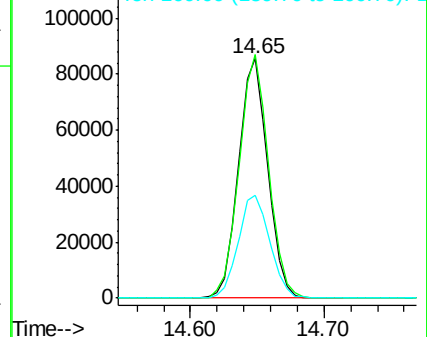
160 42.8 35.4 53.0

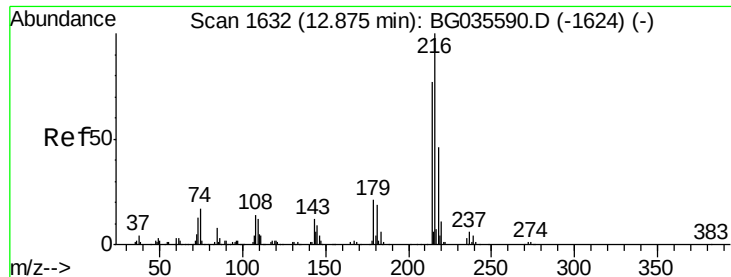


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

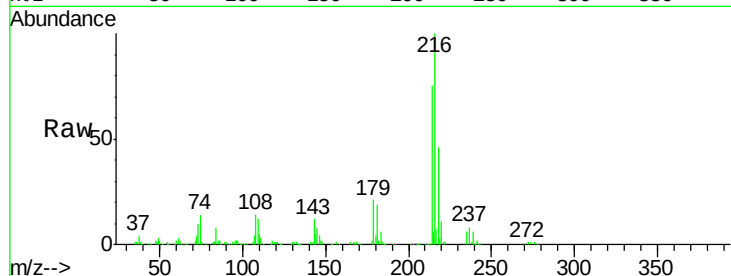




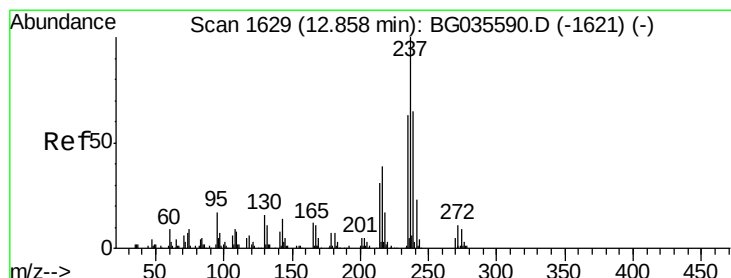
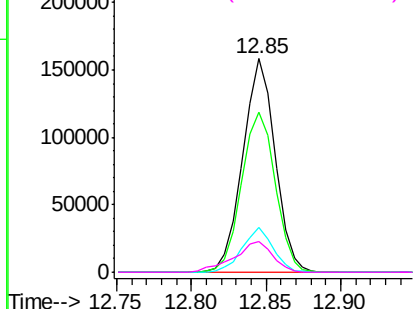
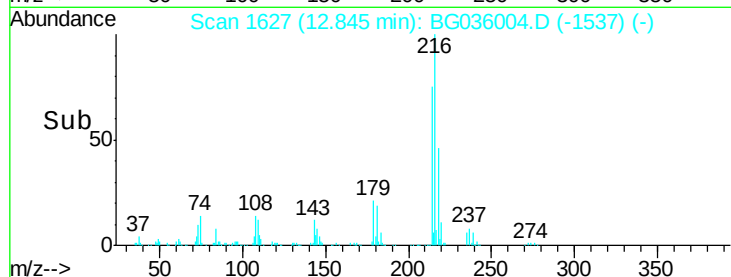
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.572 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

Tgt Ion:	216	Resp:	237367
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	20.0	17.0	25.6
108	17.5	12.8	19.2

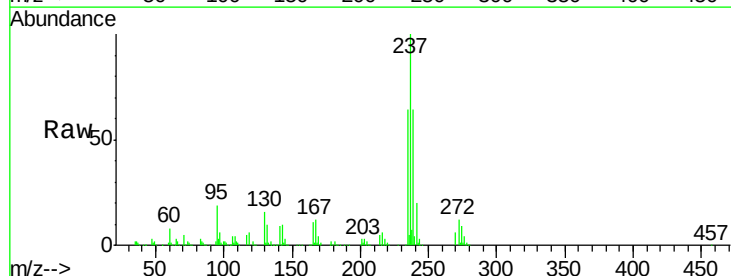


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

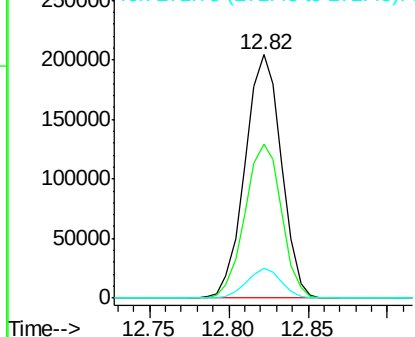
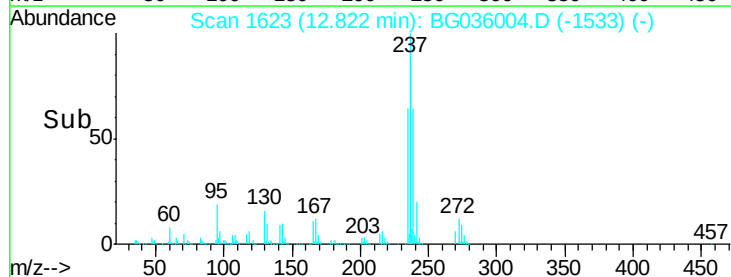


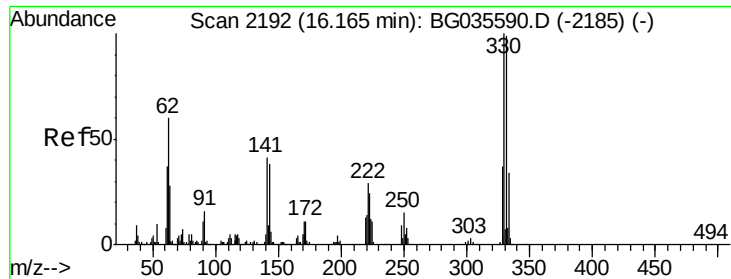
#40
 Hexachlorocyclopentadiene
 Concen: 127.067 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion:	237	Resp:	325664
Ion	Ratio	Lower	Upper
237	100		
235	63.5	50.4	90.4
272	12.3	0.0	31.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 178.608 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampled :

PB111524BS

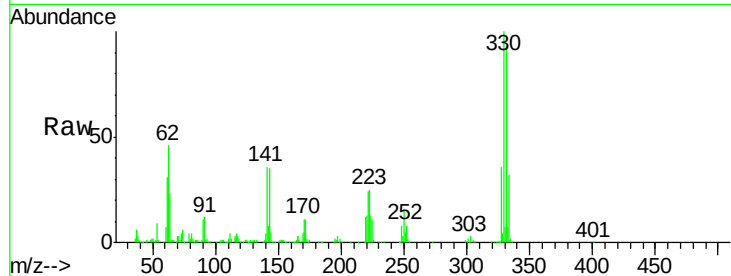
Tgt Ion:330 Resp: 304813

Ion Ratio Lower Upper

330 100

332 93.8 77.0 115.6

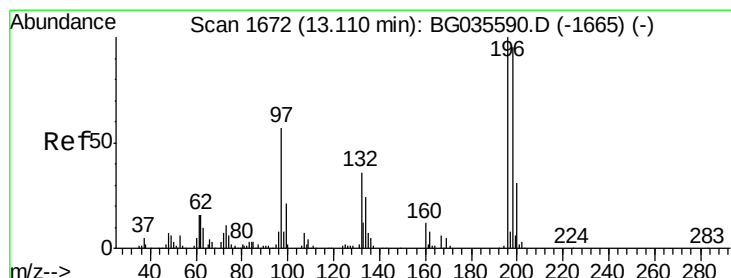
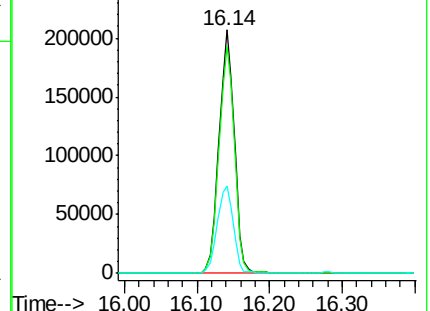
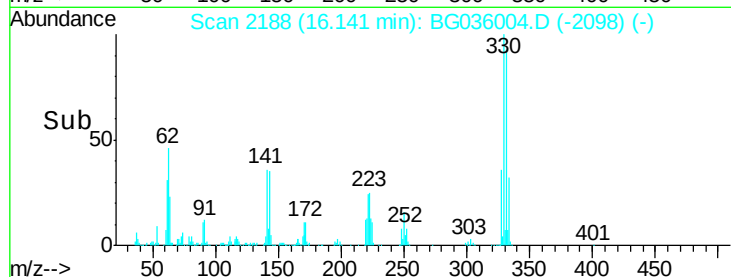
141 37.4 25.2 37.8



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: 56.068 ng

RT: 13.09 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

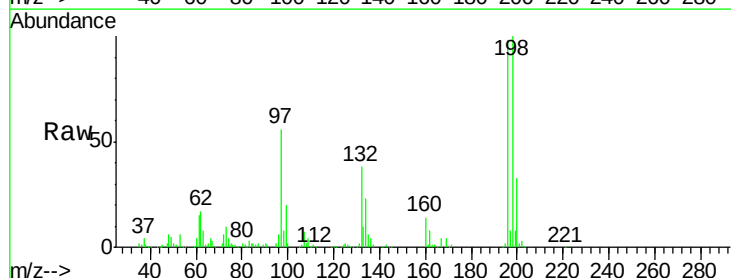
Tgt Ion:196 Resp: 160236

Ion Ratio Lower Upper

196 100

198 102.5 78.2 117.2

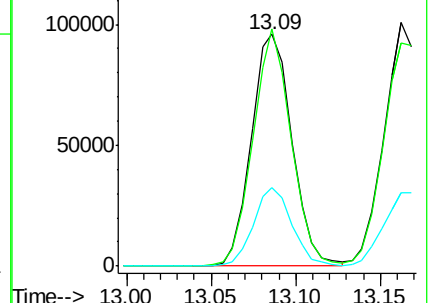
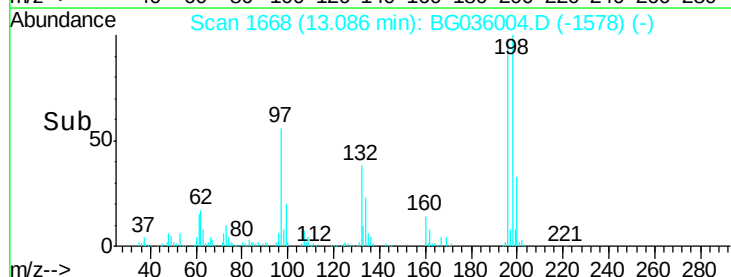
200 34.0 24.6 36.8

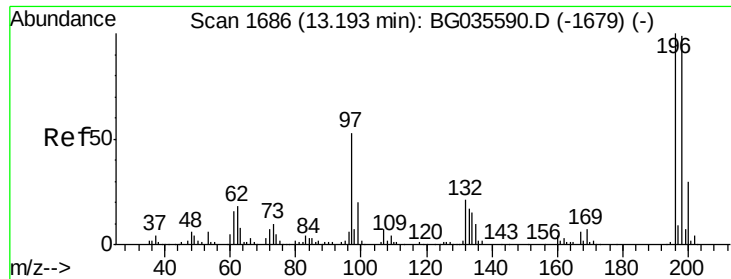


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

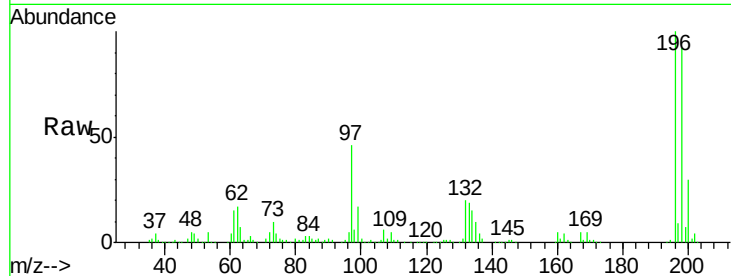




#43
 2,4,5-Trichlorophenol
 Concen: 52.701 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.5	76.2	114.4
97	45.7	38.7	58.1
132	19.9	20.2	30.2#



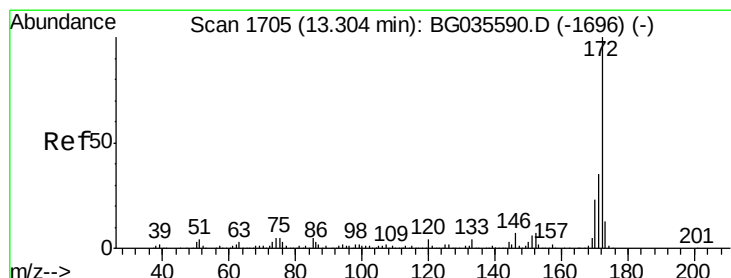
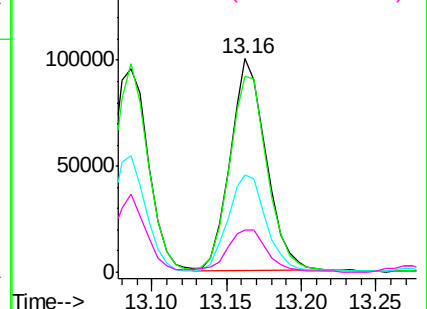
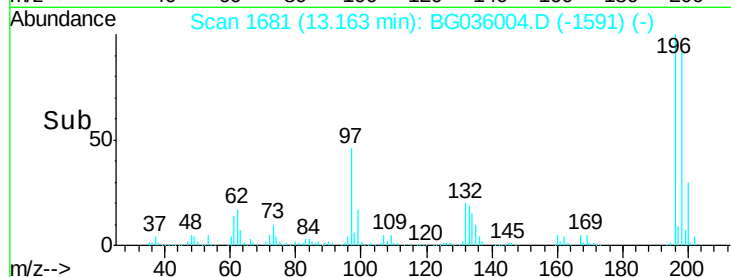
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

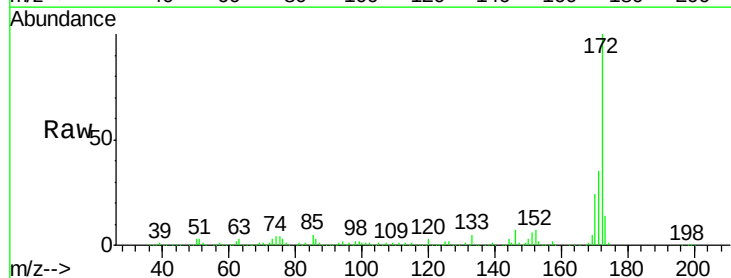
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.607 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	23.7	19.5	29.3

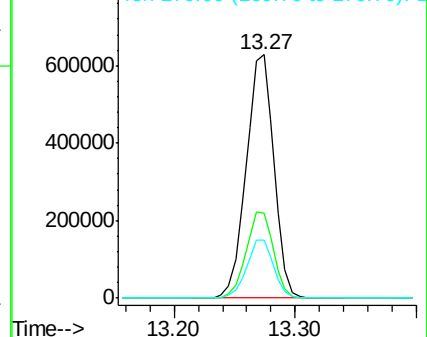
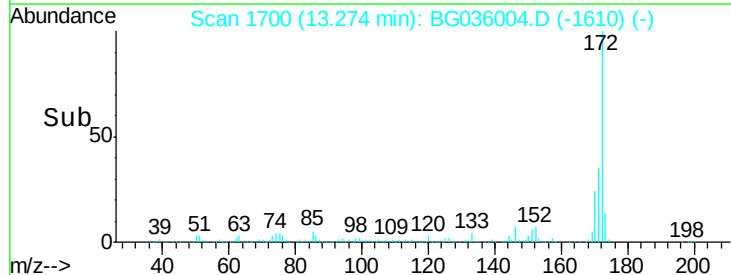


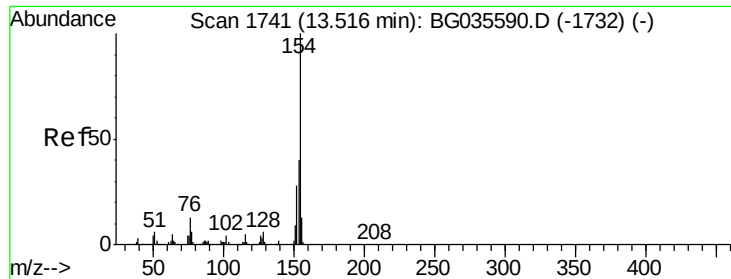
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

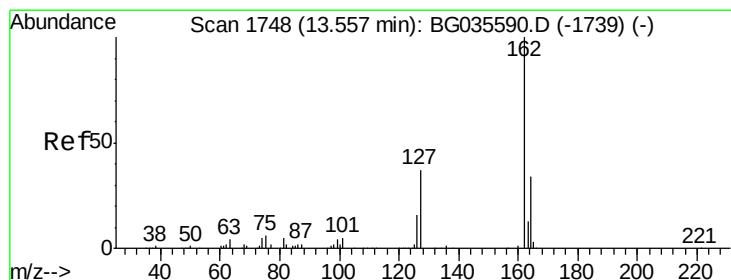
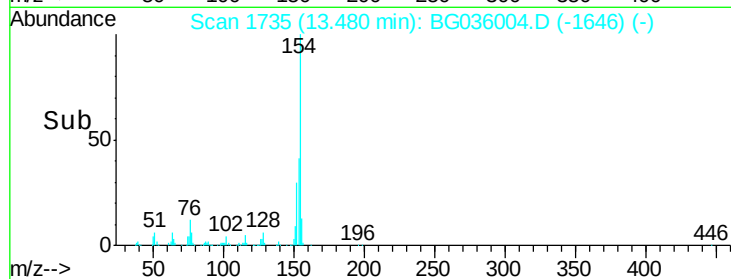
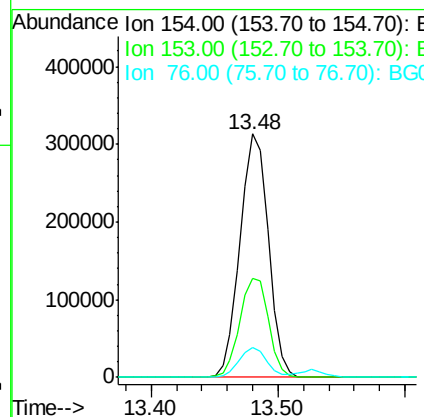
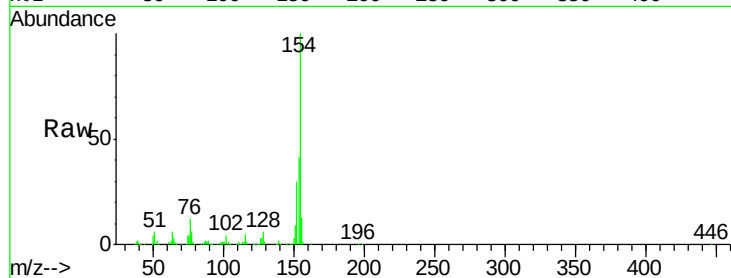




#45
 1,1'-Biphenyl
 Concen: 48.237 ng
 RT: 13.48 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

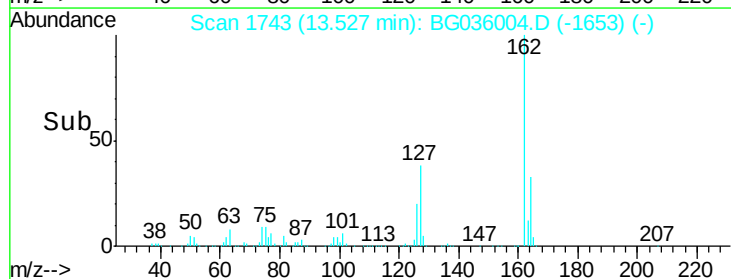
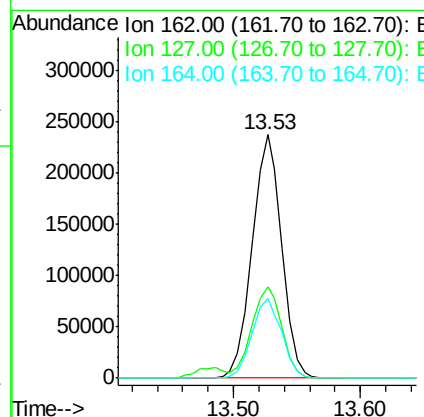
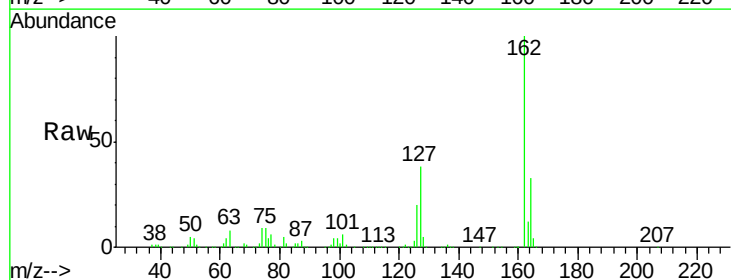
Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

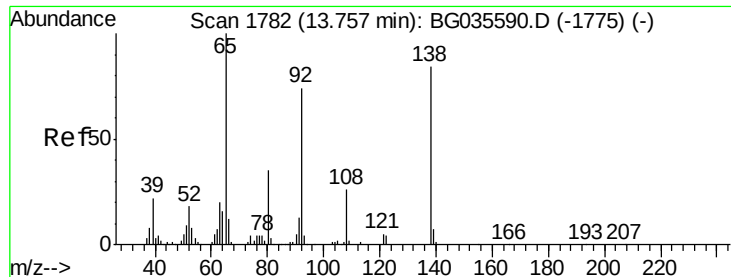
Tgt Ion:154 Resp: 484224
 Ion Ratio Lower Upper
 154 100
 153 40.8 19.8 59.8
 76 12.4 0.0 31.9



#46
 2-Chloronaphthalene
 Concen: 48.938 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion:162 Resp: 382122
 Ion Ratio Lower Upper
 162 100
 127 37.6 30.7 46.1
 164 32.9 26.0 39.0





#47

2-Nitroaniline

Concen: 46.549 ng

RT: 13.73 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

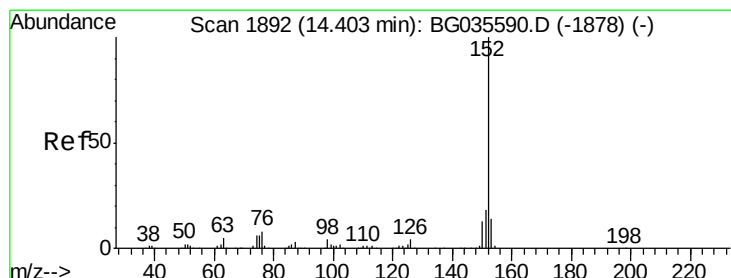
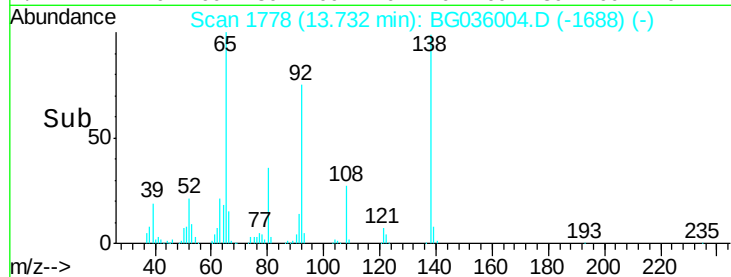
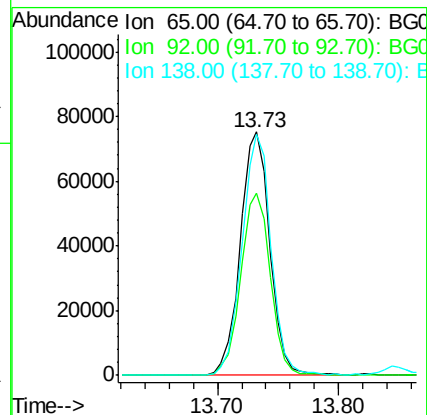
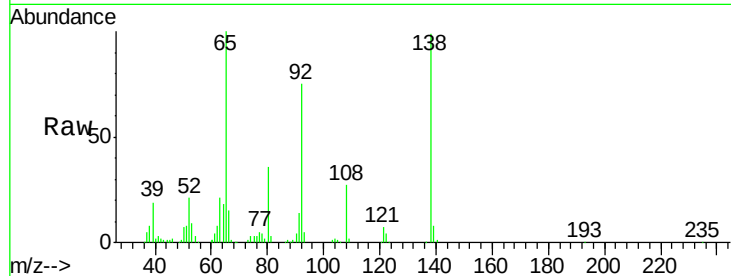
Tgt Ion: 65 Resp: 128496

Ion Ratio Lower Upper

65 100

92 74.6 54.6 82.0

138 99.2 72.9 109.3



#48

Acenaphthylene

Concen: 47.918 ng

RT: 14.37 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

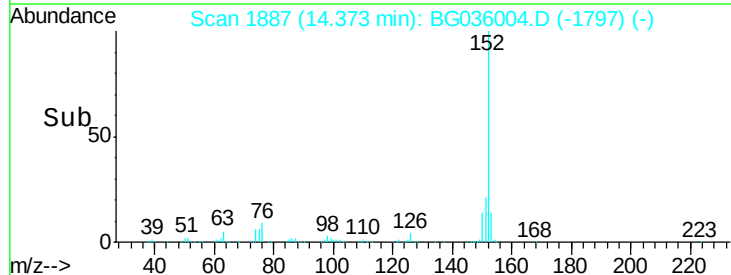
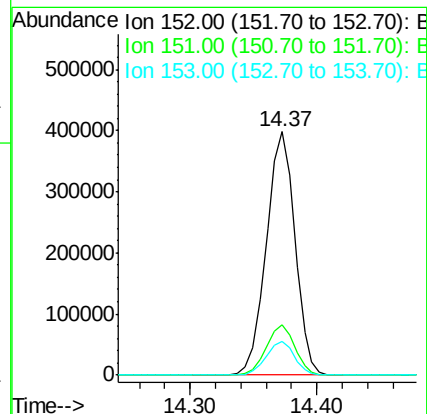
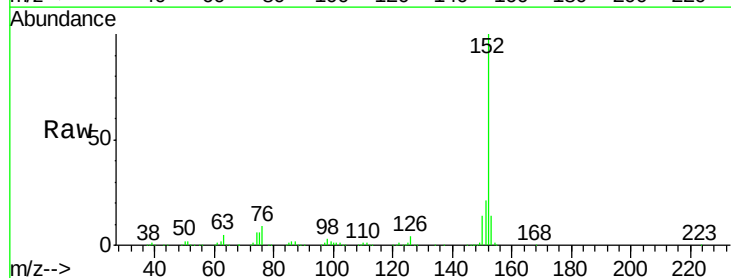
Tgt Ion: 152 Resp: 626755

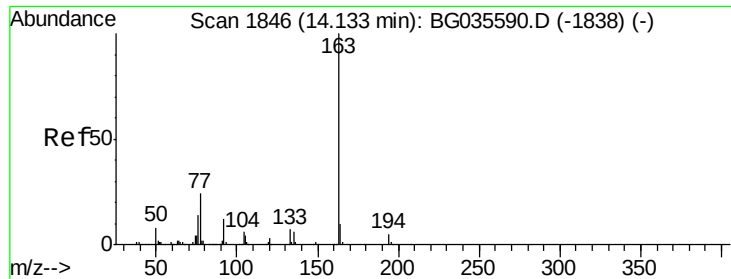
Ion Ratio Lower Upper

152 100

151 20.7 17.2 25.8

153 13.7 10.2 15.4

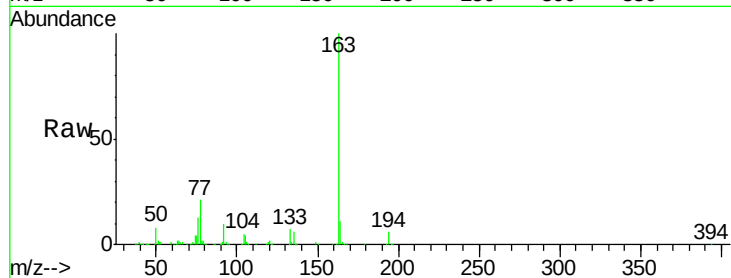




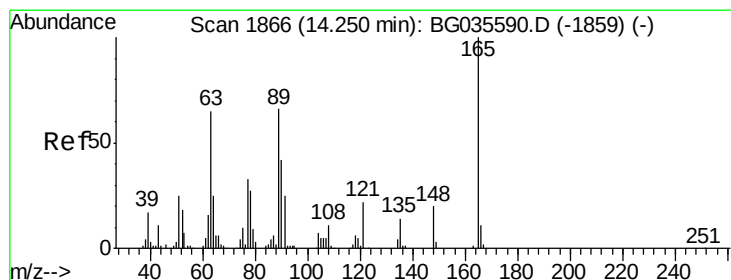
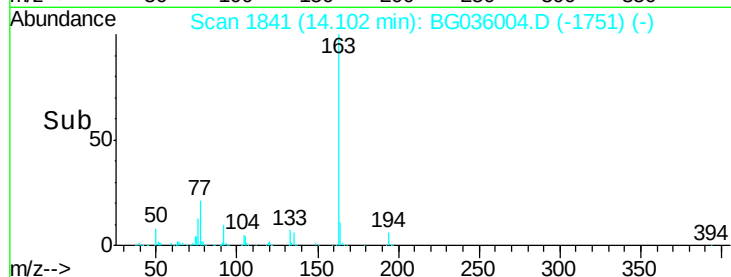
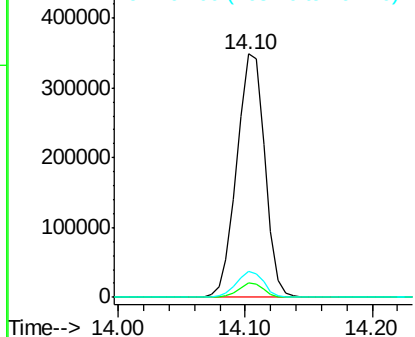
#49
Dimethylphthalate
Concen: 46.904 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB111524BS

Tgt Ion:163 Resp: 532086
Ion Ratio Lower Upper
163 100
194 5.8 3.4 5.2#
164 10.7 8.2 12.4

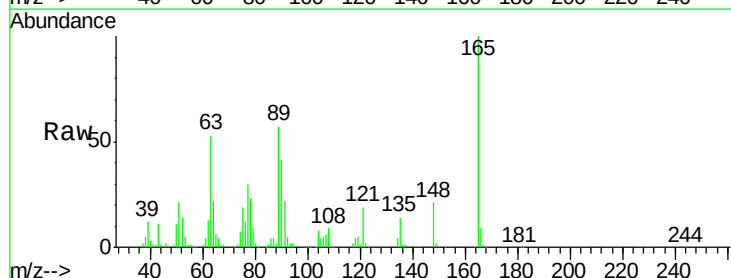


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

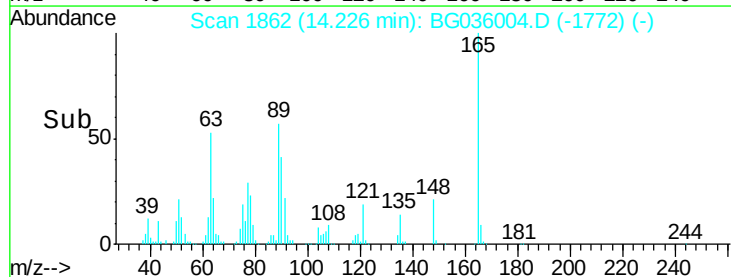
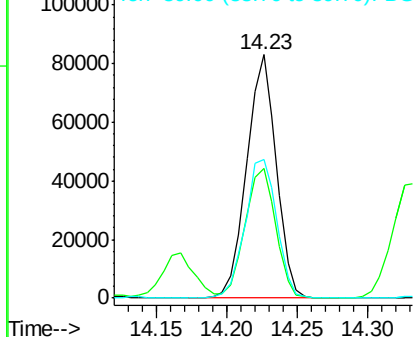


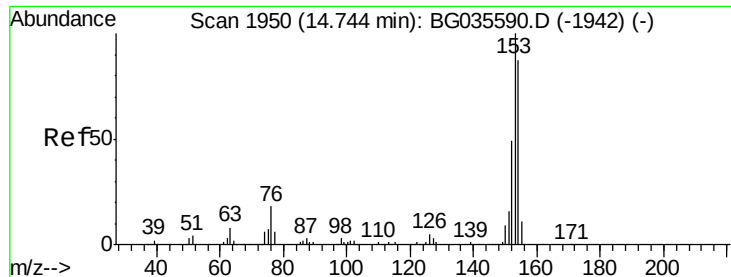
#50
2,6-Dinitrotoluene
Concen: 52.769 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion:165 Resp: 121901
Ion Ratio Lower Upper
165 100
63 53.2 52.7 79.1
89 56.9 49.2 73.8



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





#51

Acenaphthene

Concen: 45.080 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

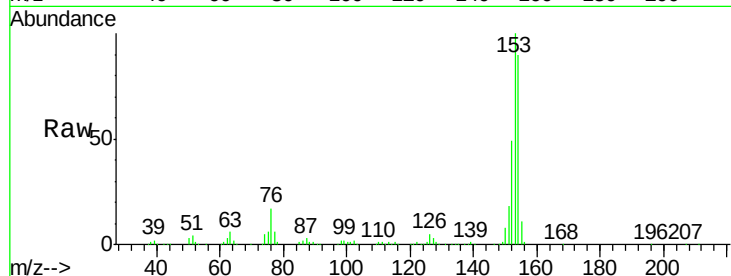
Tgt Ion:154 Resp: 367308

Ion Ratio Lower Upper

154 100

153 111.2 90.4 135.6

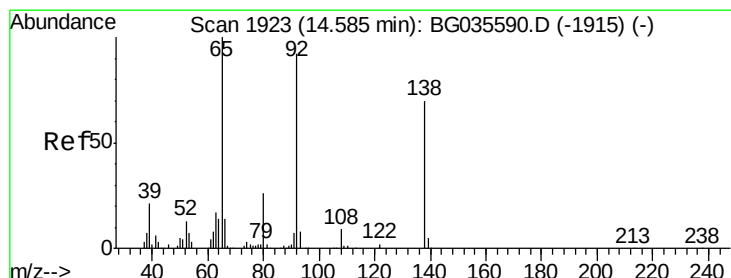
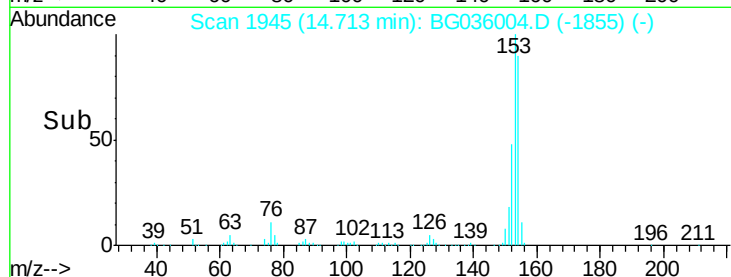
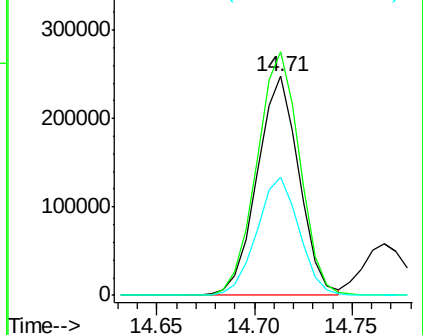
152 54.2 41.6 62.4



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: 12.508 ng

RT: 14.56 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

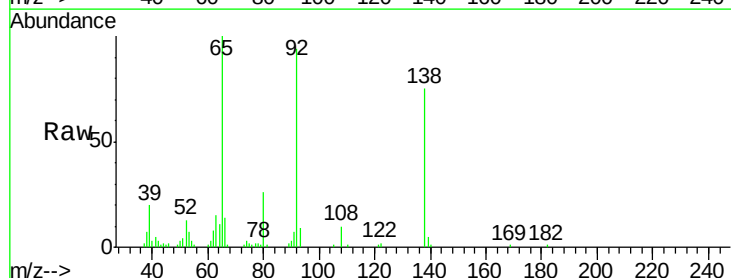
Tgt Ion:138 Resp: 29532

Ion Ratio Lower Upper

138 100

108 13.0 17.5 26.3#

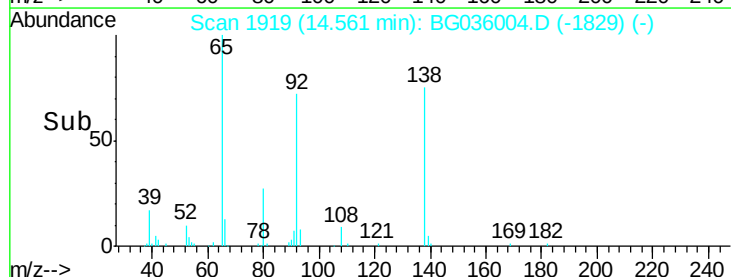
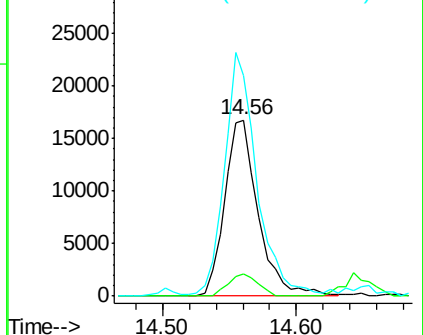
92 125.4 105.8 158.8

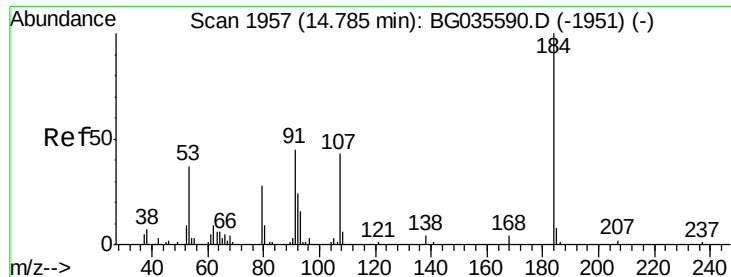


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

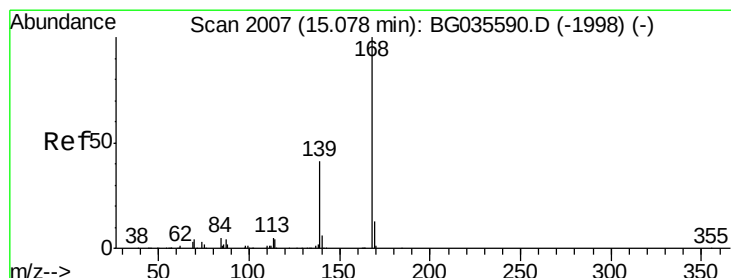
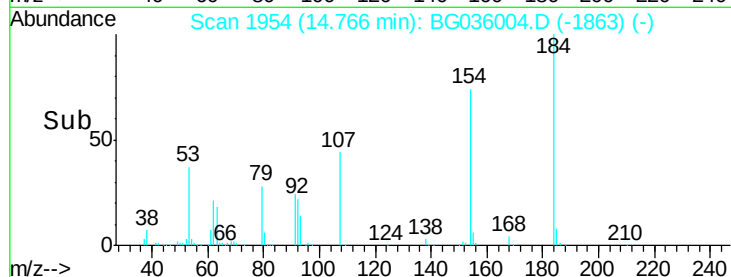
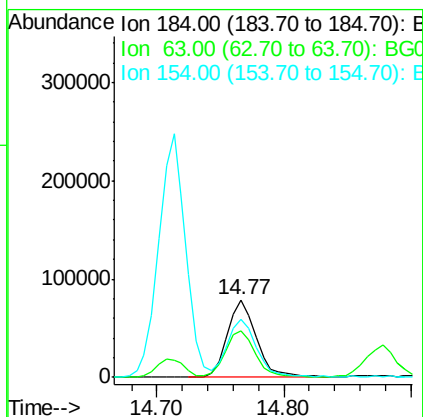
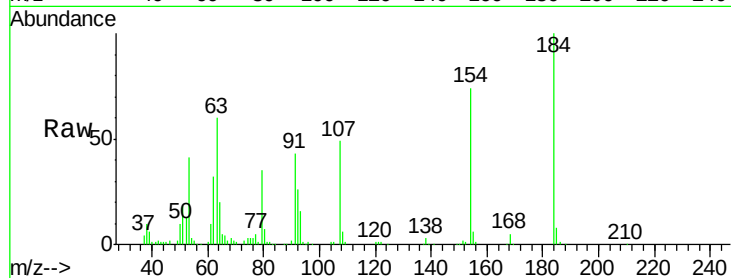




#53
 2,4-Dinitrophenol
 Concen: 103.740 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

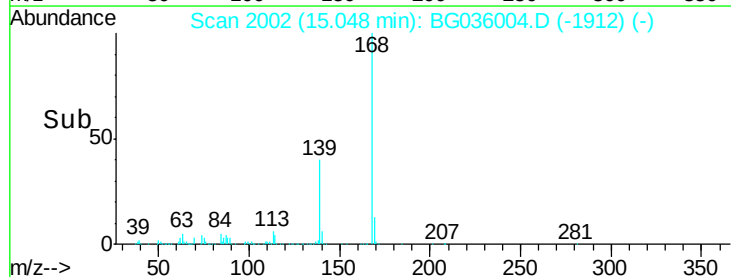
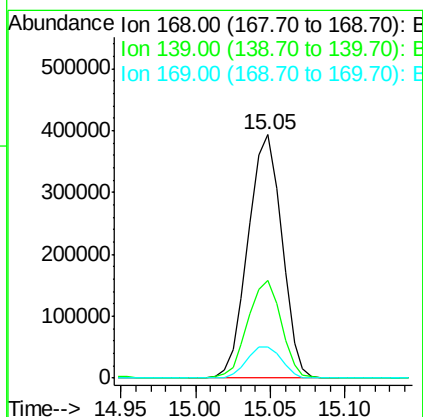
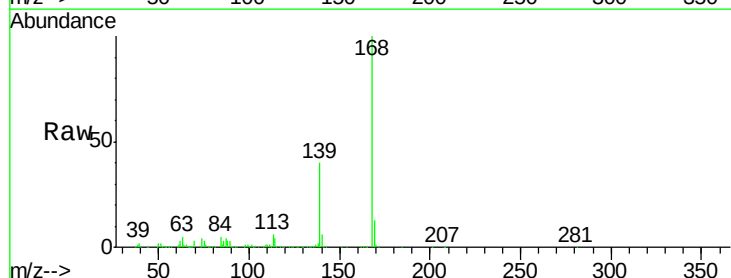
Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

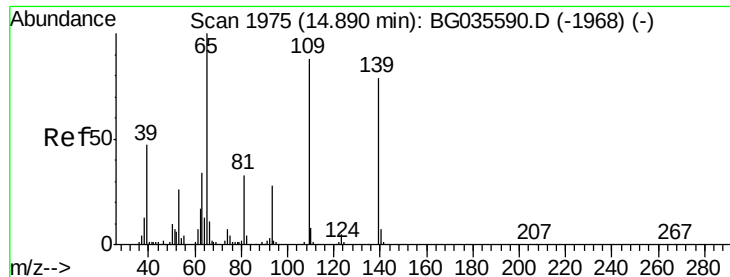
Tgt Ion:184 Resp: 125766
 Ion Ratio Lower Upper
 184 100
 63 59.9 59.8 89.8
 154 73.9 101.8 152.8#



#54
 Dibenzofuran
 Concen: 47.580 ng
 RT: 15.05 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion:168 Resp: 616555
 Ion Ratio Lower Upper
 168 100
 139 40.0 28.6 43.0
 169 12.9 11.2 16.8

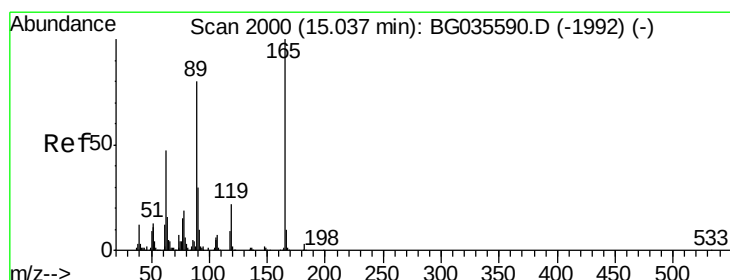
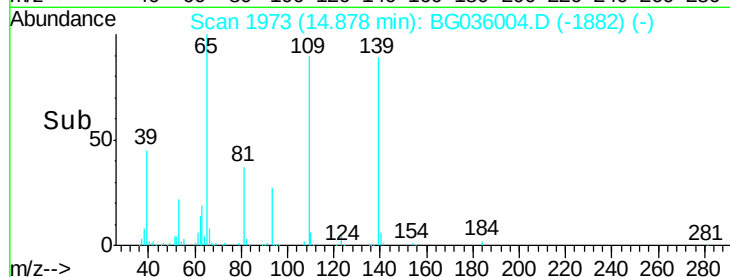
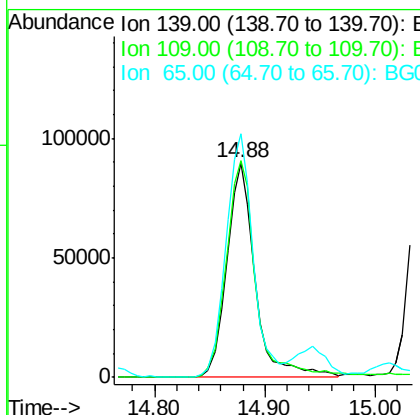
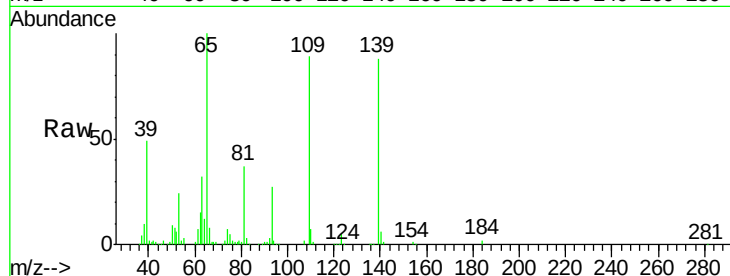




#55
4-Nitrophenol
Concen: 95.498 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

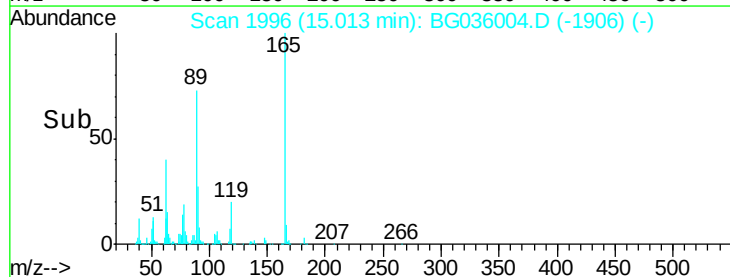
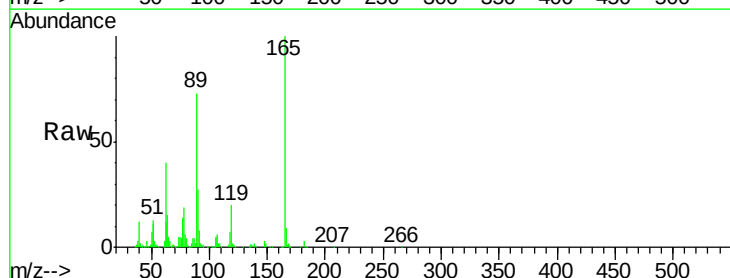
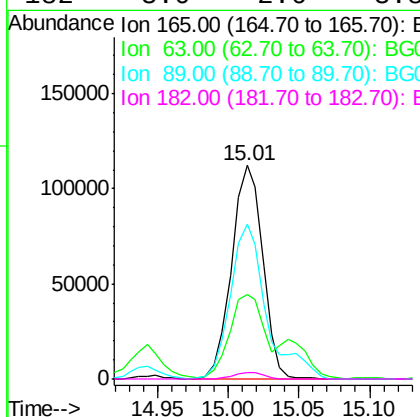
Instrument :
BNA_G
ClientSampleId :
PB111524BS

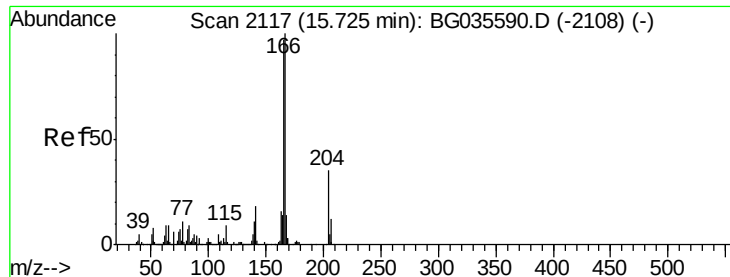
Tgt Ion:139 Resp: 160577
Ion Ratio Lower Upper
139 100
109 101.2 62.2 102.2
65 113.4 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 52.126 ng
RT: 15.01 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion:165 Resp: 172752
Ion Ratio Lower Upper
165 100
63 39.8 42.0 63.0#
89 72.7 66.9 100.3
182 3.0 2.6 3.8





#57

Fluorene

Concen: 47.145 ng

RT: 15.69 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

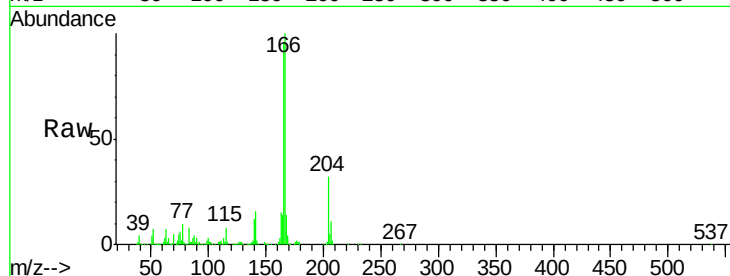
Tgt Ion:166 Resp: 512030

Ion Ratio Lower Upper

166 100

165 95.8 80.6 121.0

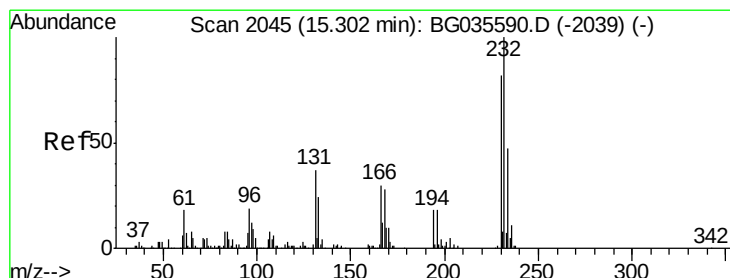
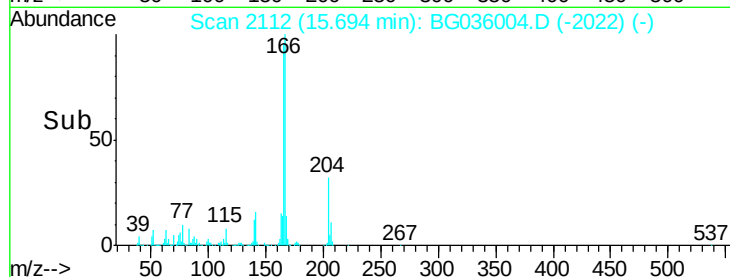
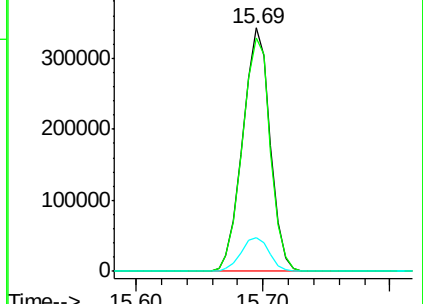
167 13.8 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.405 ng

RT: 15.28 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Tgt Ion:232 Resp: 169837

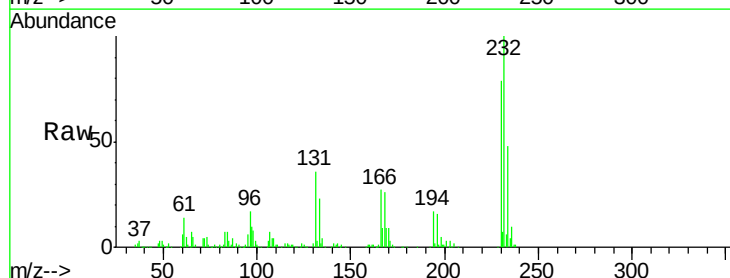
Ion Ratio Lower Upper

232 100

131 37.7 33.5 50.3

130 2.0 2.2 3.2#

166 28.8 24.8 37.2

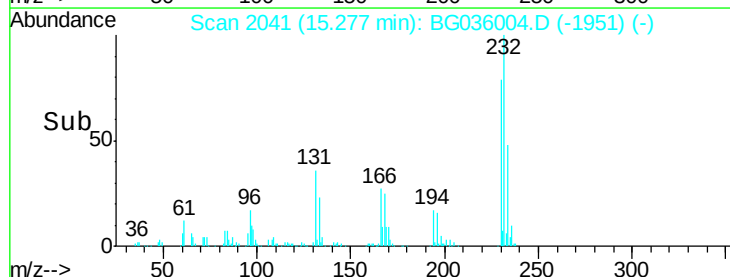
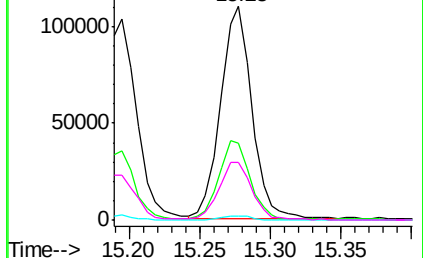


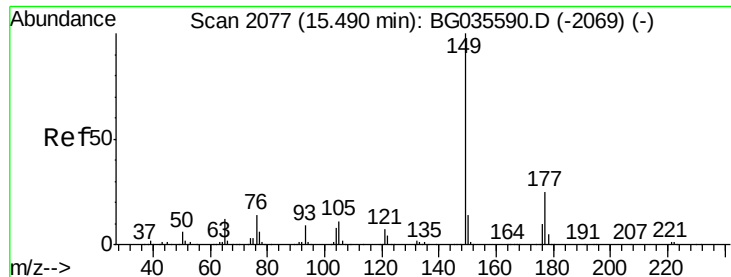
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

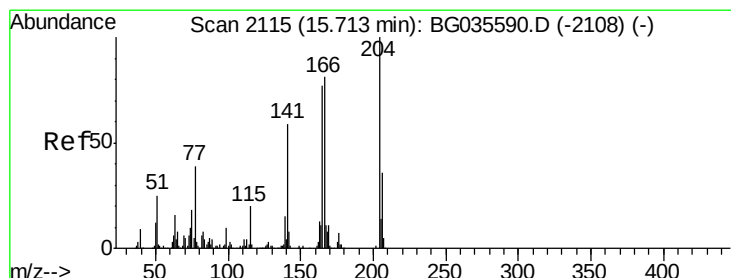
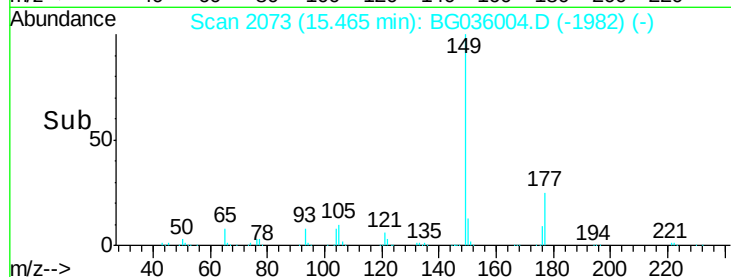
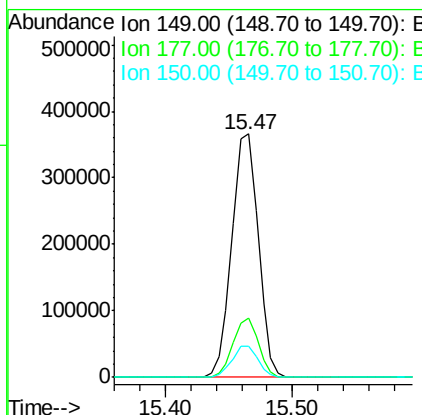
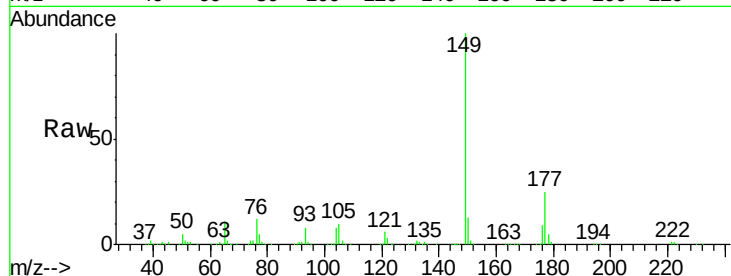




#59
Diethylphthalate
Concen: 45.224 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

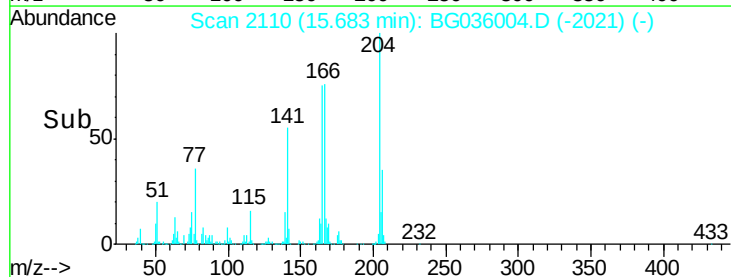
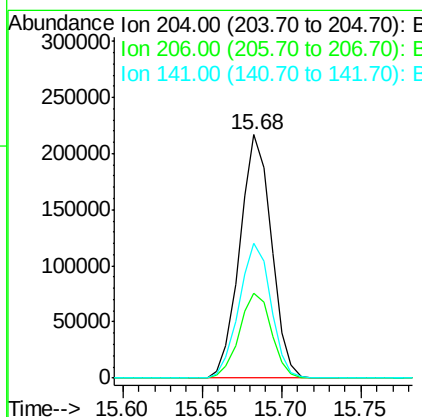
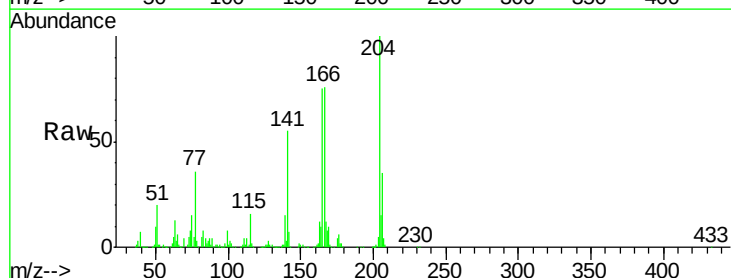
Instrument :
BNA_G
ClientSampleId :
PB111524BS

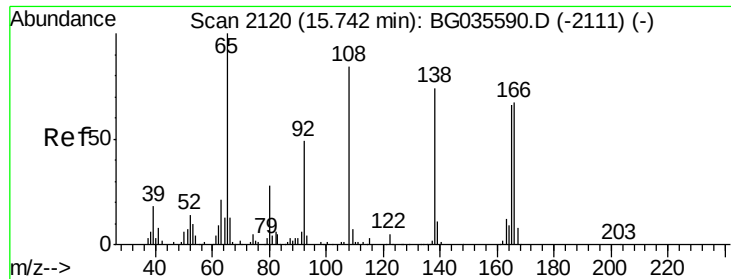
Tgt Ion:149 Resp: 527528
Ion Ratio Lower Upper
149 100
177 24.6 18.5 27.7
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 47.017 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion:204 Resp: 300126
Ion Ratio Lower Upper
204 100
206 34.8 26.2 39.2
141 55.2 45.8 68.6

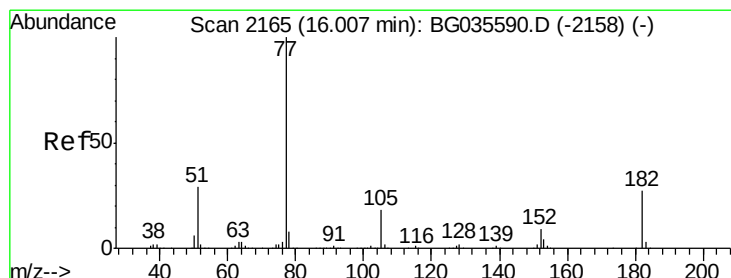
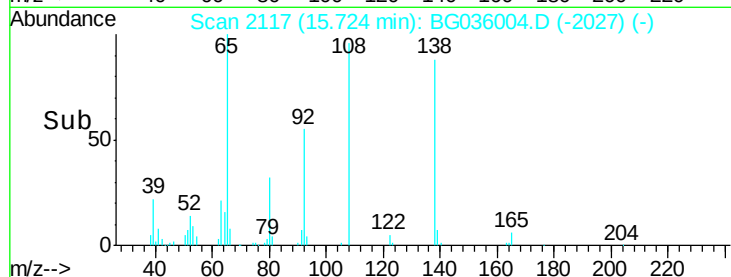
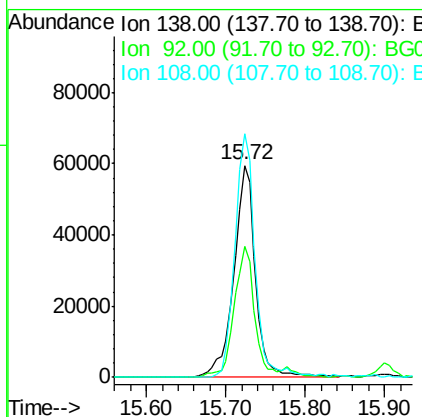
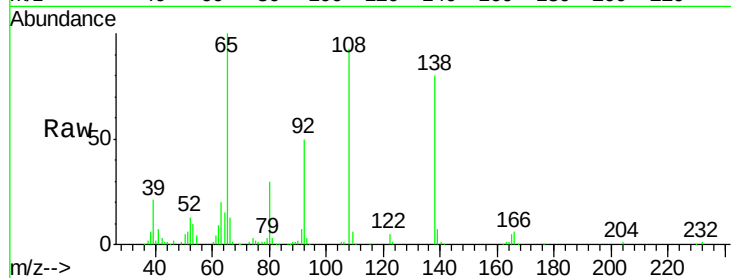




#61
4-Nitroaniline
Concen: 45.460 ng
RT: 15.72 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

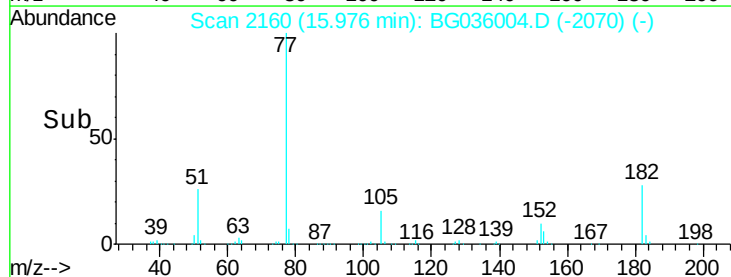
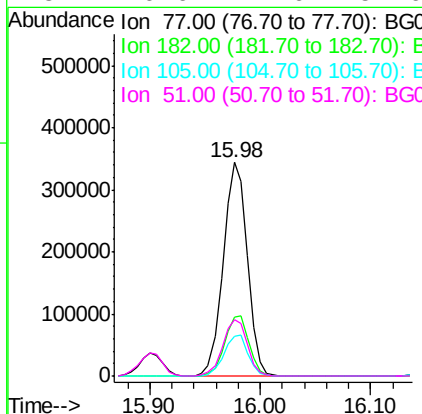
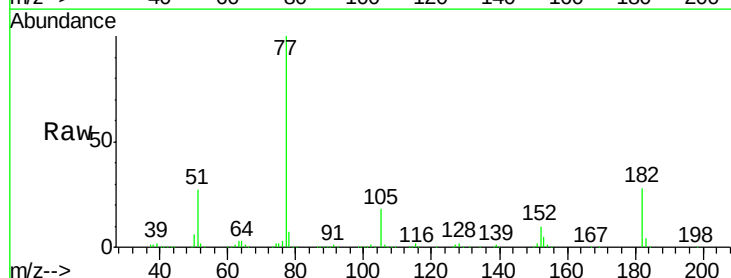
Instrument :
BNA_G
ClientSampleId :
PB111524BS

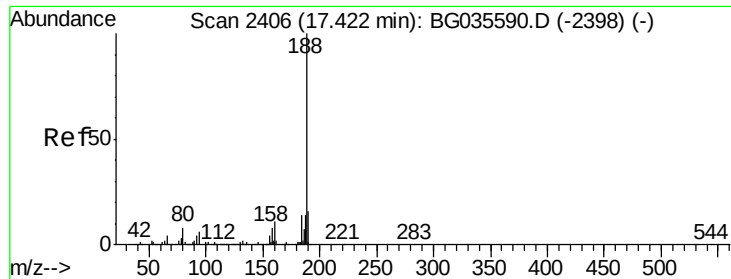
Tgt Ion: 138 Resp: 112278
Ion Ratio Lower Upper
138 100
92 62.1 40.1 80.1
108 115.1 65.4 105.4#



#62
Azobenzene
Concen: 45.431 ng
RT: 15.98 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion: 77 Resp: 522730
Ion Ratio Lower Upper
77 100
182 27.9 7.4 47.4
105 18.4 0.3 40.3
51 26.6 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

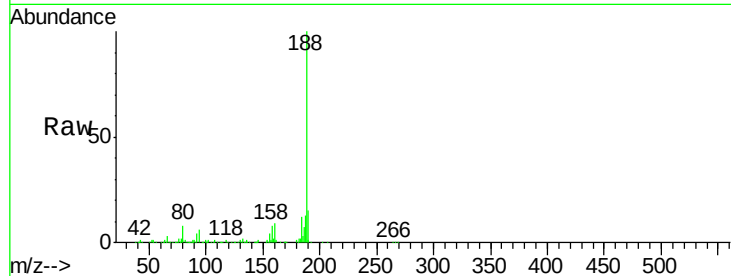
Tgt Ion:188 Resp: 331308

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

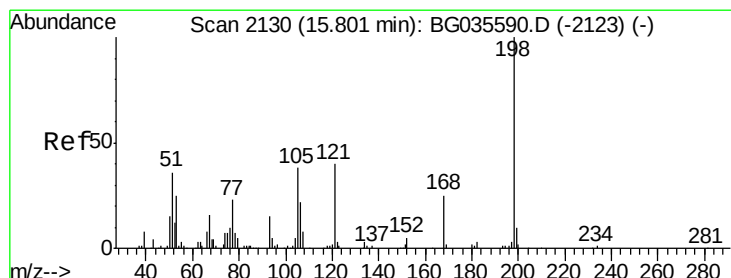
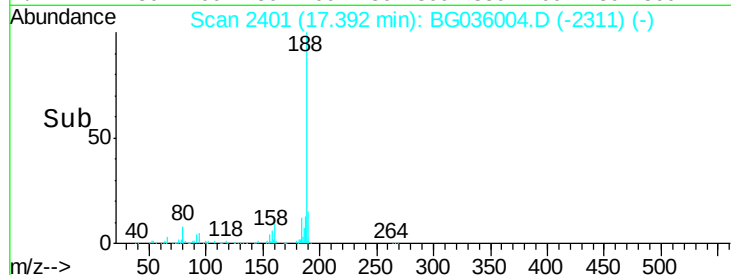
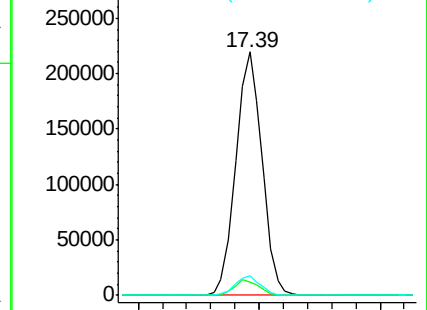
80 7.9 7.7 11.5



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: 57.148 ng

RT: 15.78 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

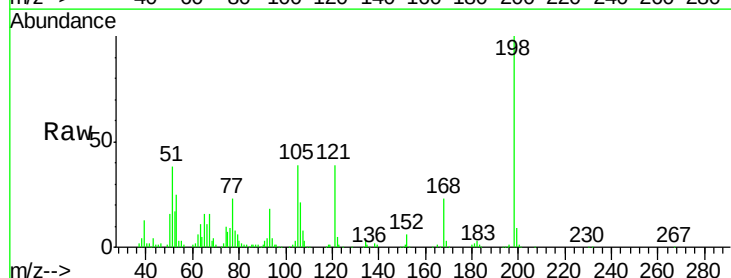
Tgt Ion:198 Resp: 105396

Ion Ratio Lower Upper

198 100

51 38.5 30.6 70.6

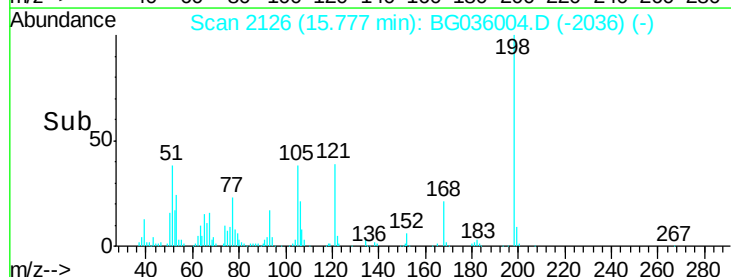
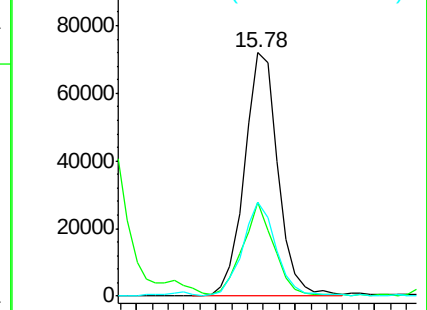
105 38.7 23.8 63.8

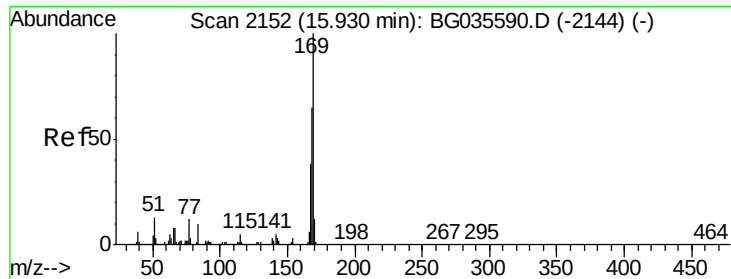


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.734 ng

RT: 15.90 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

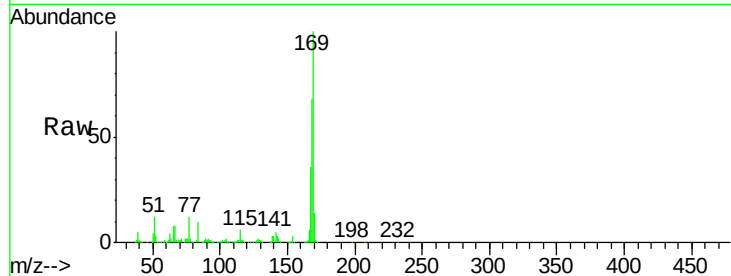
Tgt Ion:169 Resp: 450139

Ion Ratio Lower Upper

169 100

168 67.5 55.7 83.5

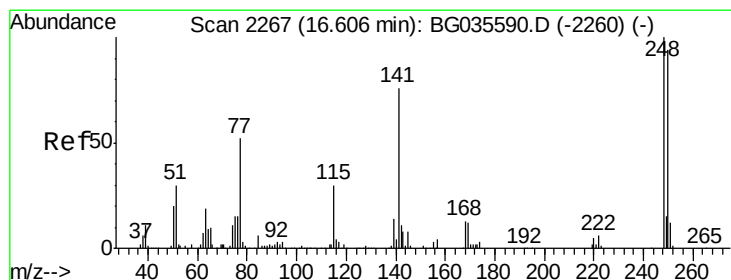
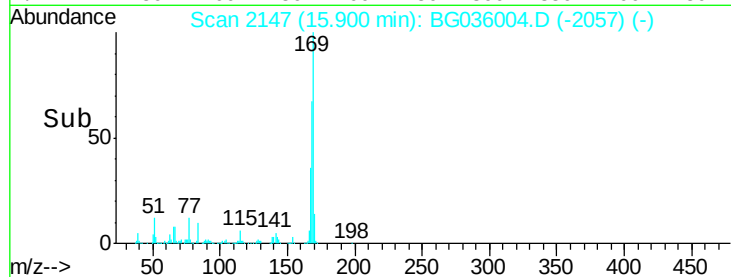
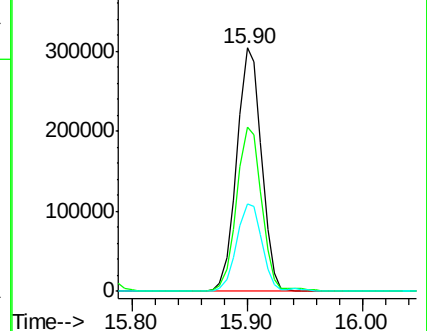
167 36.2 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 53.160 ng

RT: 16.58 min Scan# 2263

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

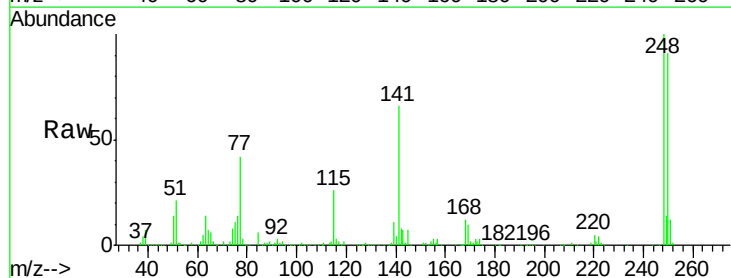
Tgt Ion:248 Resp: 204333

Ion Ratio Lower Upper

248 100

250 91.4 77.1 115.7

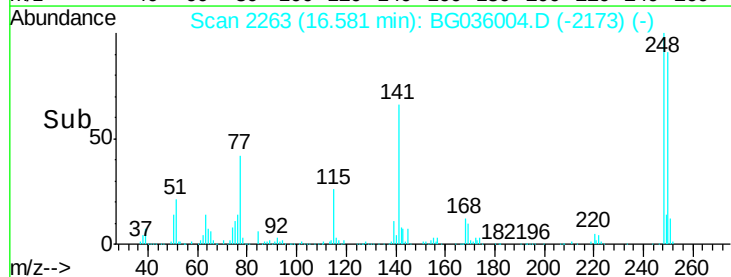
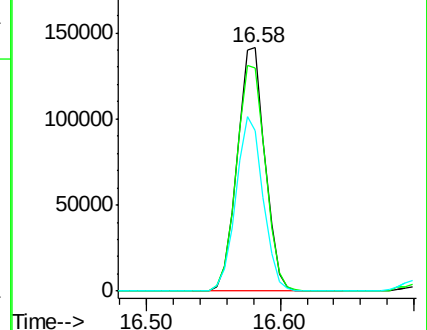
141 65.7 50.8 76.2

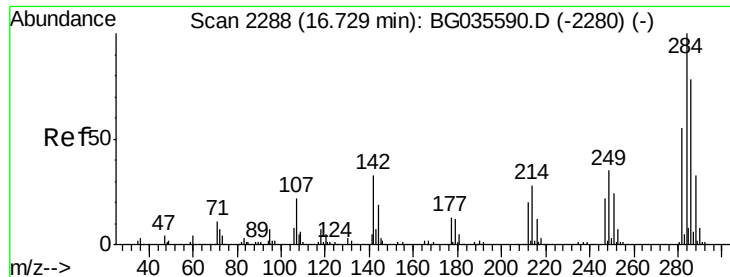


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

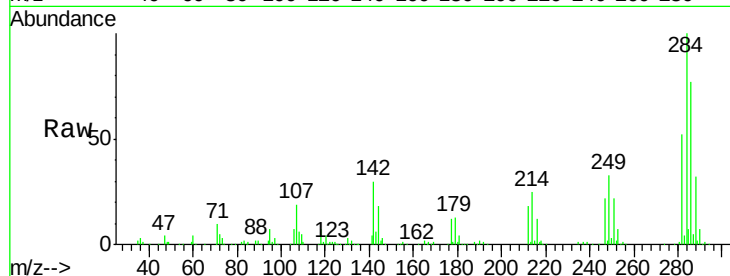




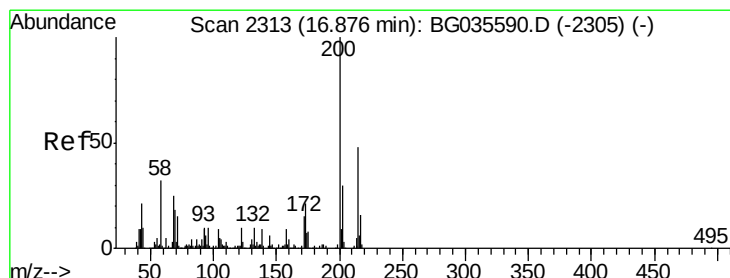
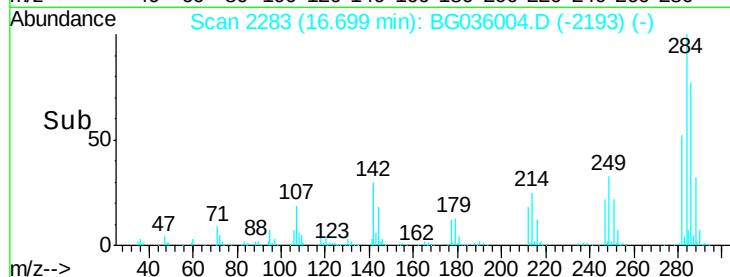
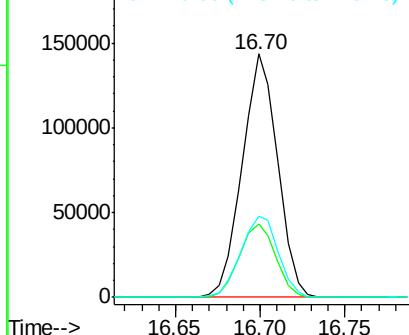
#67
Hexachlorobenzene
Concen: 52.841 ng
RT: 16.70 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB111524BS

Tgt Ion:284 Resp: 209160
Ion Ratio Lower Upper
284 100
142 30.2 26.8 40.2
249 33.3 26.3 39.5

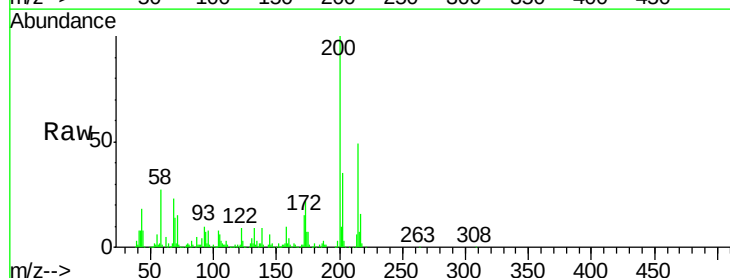


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

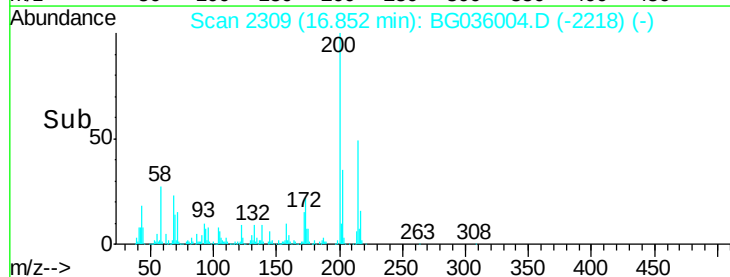
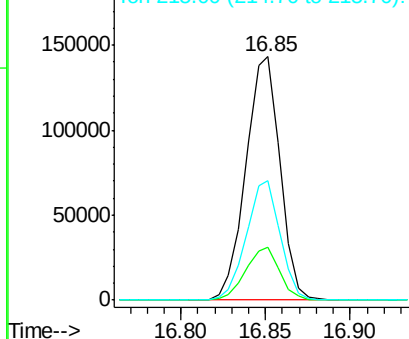


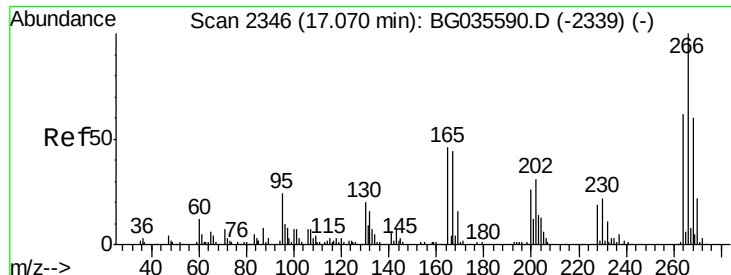
#68
Atrazine
Concen: 51.923 ng
RT: 16.85 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion:200 Resp: 201604
Ion Ratio Lower Upper
200 100
173 21.6 5.2 45.2
215 49.3 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

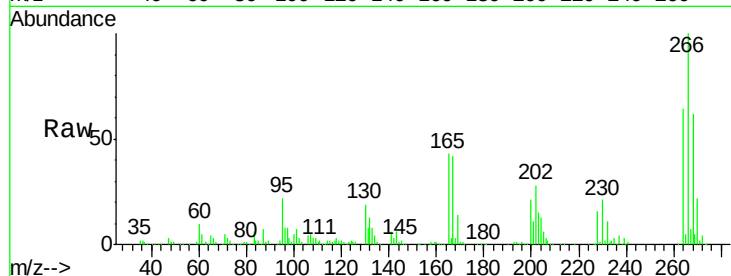




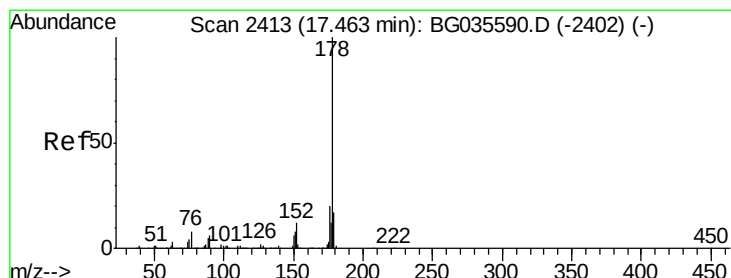
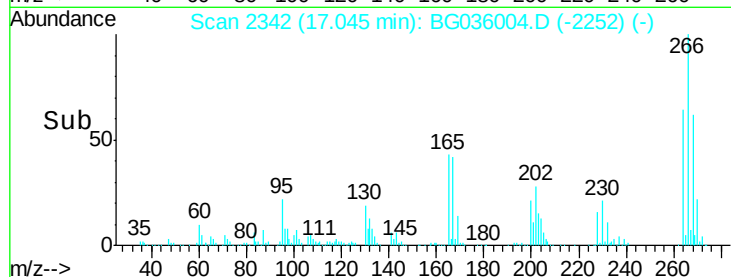
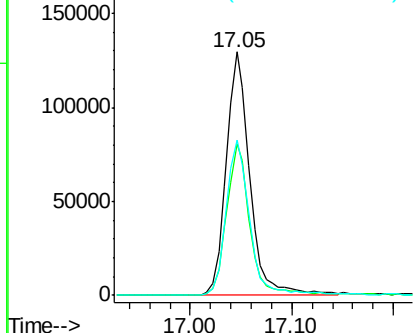
#69
 Pentachlorophenol
 Concen: 86.662 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

Tgt Ion:266 Resp: 208941
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.1 76.7
 264 63.9 49.6 74.4

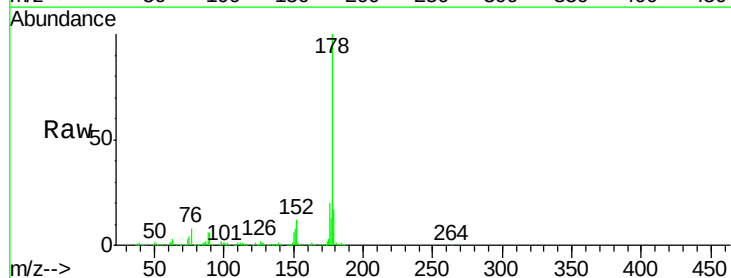


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

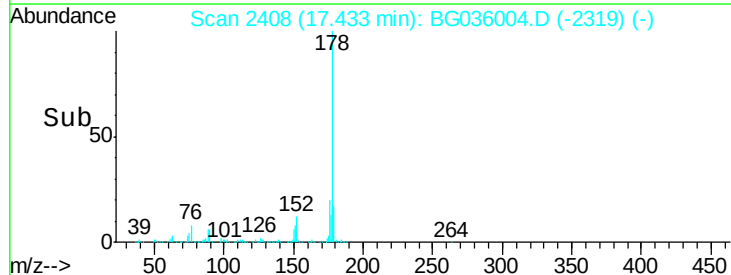
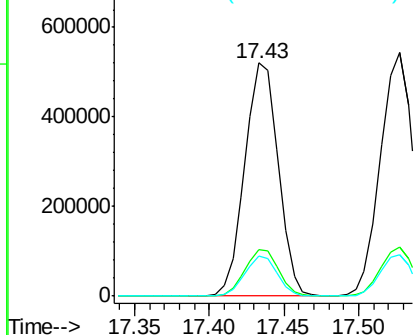


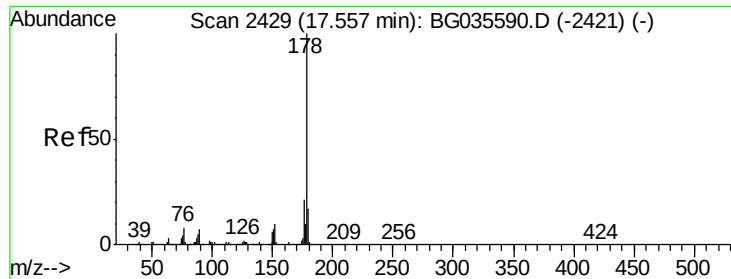
#70
 Phenanthrene
 Concen: 48.881 ng
 RT: 17.43 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion:178 Resp: 808092
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.7 23.5
 179 17.3 12.5 18.7



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





#71

Anthracene

Concen: 50.625 ng

RT: 17.53 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

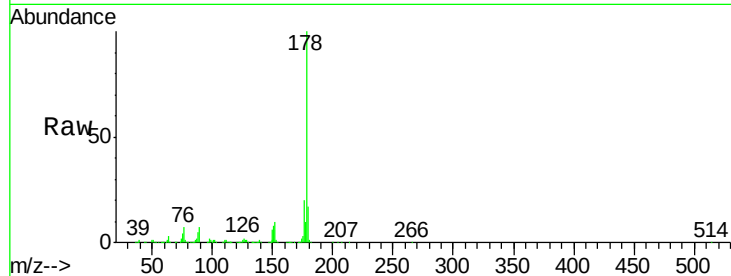
Tgt Ion:178 Resp: 833345

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

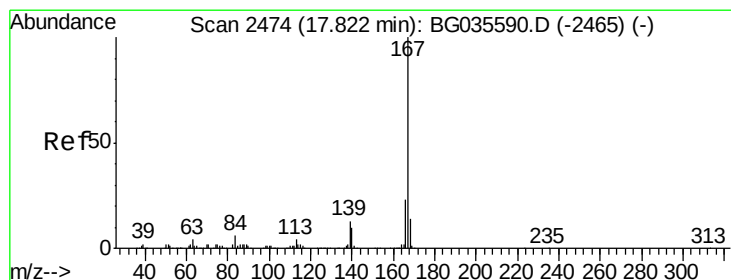
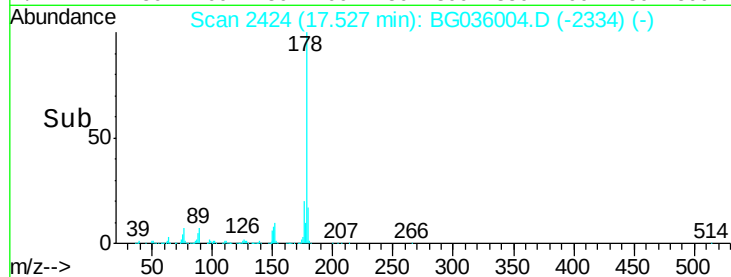
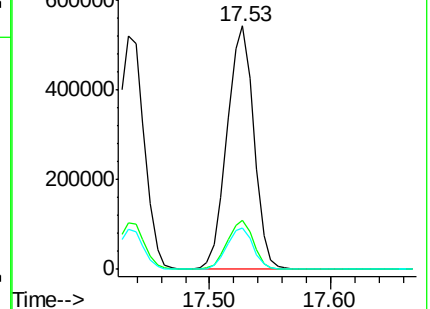
179 16.9 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 47.198 ng

RT: 17.80 min Scan# 2470

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

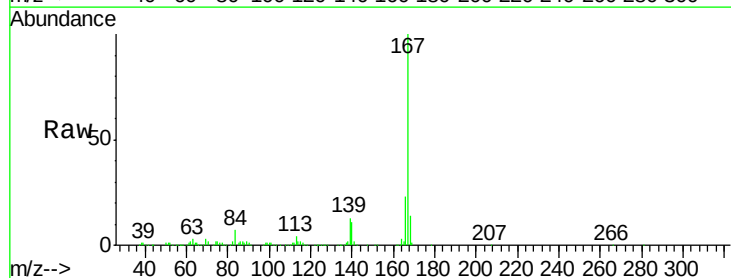
Tgt Ion:167 Resp: 737829

Ion Ratio Lower Upper

167 100

166 23.2 18.2 27.4

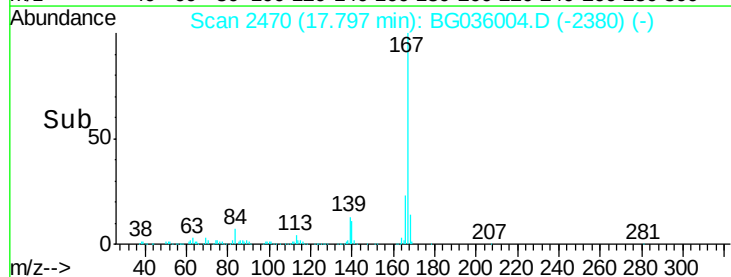
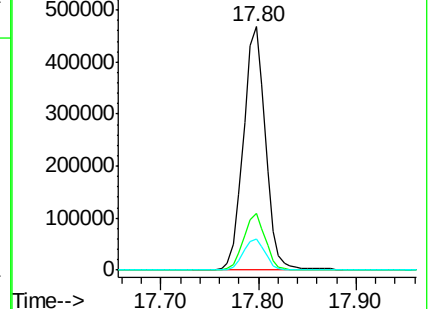
139 12.9 9.4 14.2

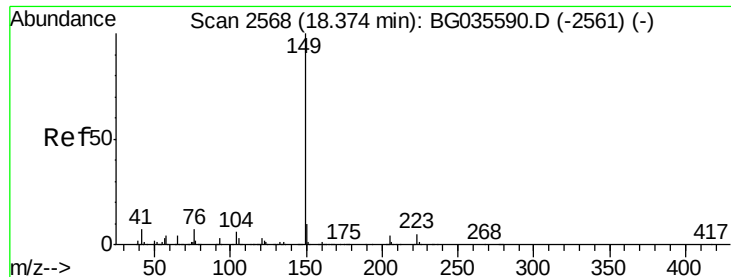


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.007 ng

RT: 18.34 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

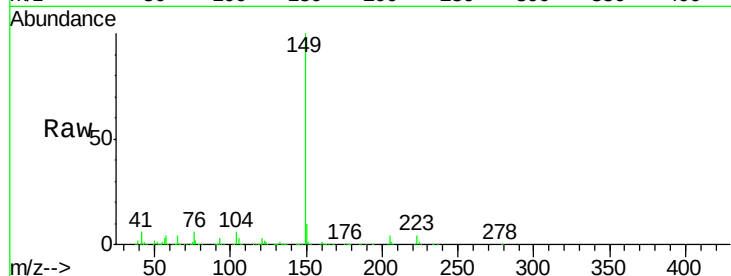
Tgt Ion:149 Resp: 849915

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

104 6.3 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

800000

600000

400000

200000

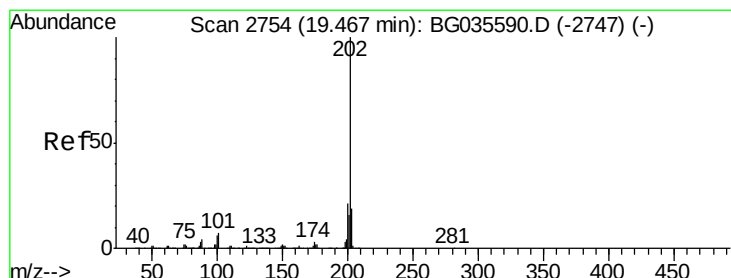
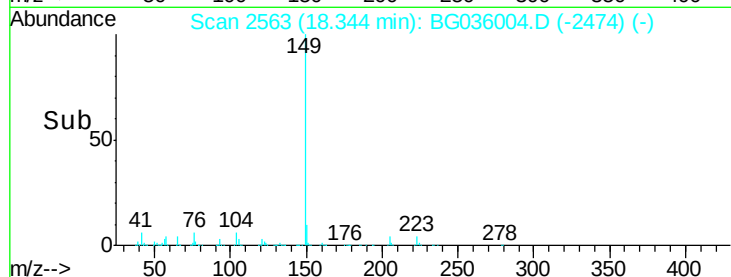
0

18.34

18.30

18.40

Time-->



#74

Fluoranthene

Concen: 46.724 ng

RT: 19.44 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

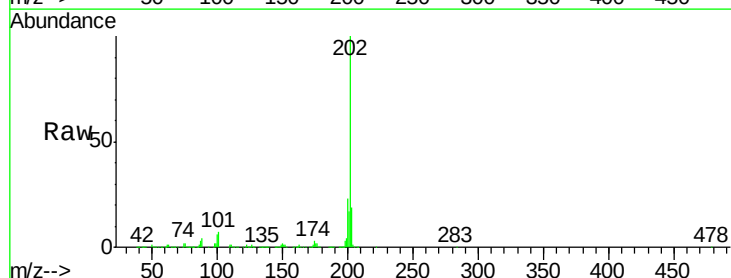
Tgt Ion:202 Resp: 1040455

Ion Ratio Lower Upper

202 100

101 7.0 0.0 28.9

203 18.6 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

800000

600000

400000

200000

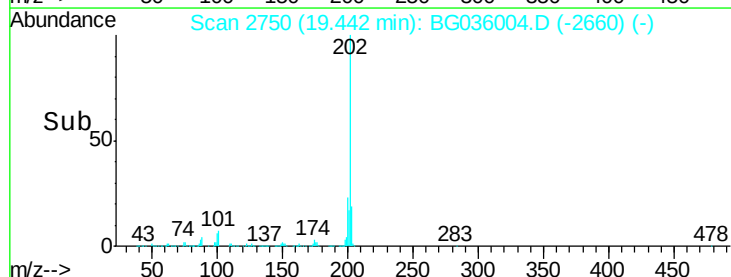
0

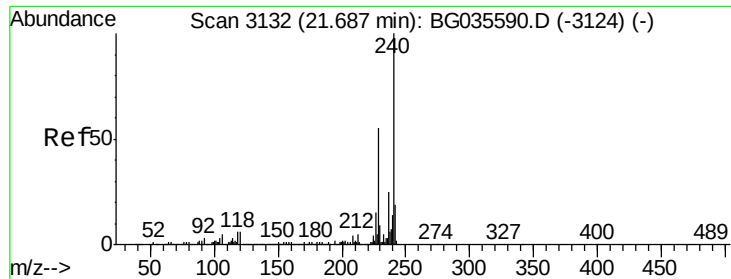
19.44

19.40

19.50

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

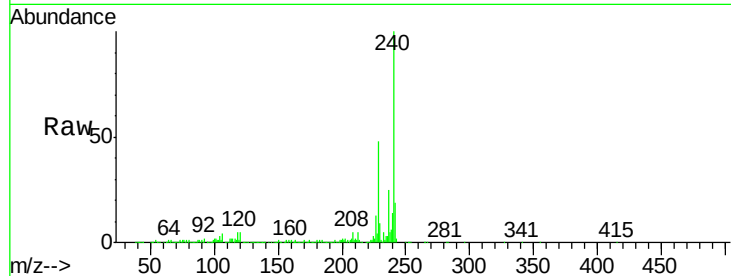
Tgt Ion:240 Resp: 345125

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

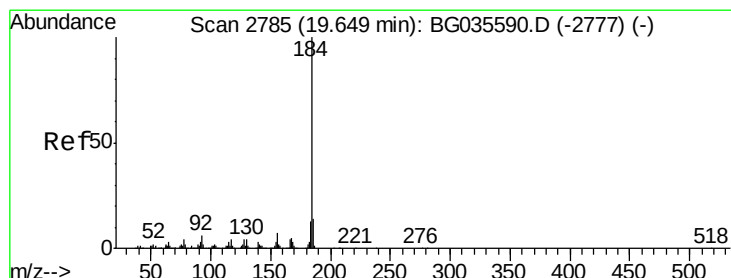
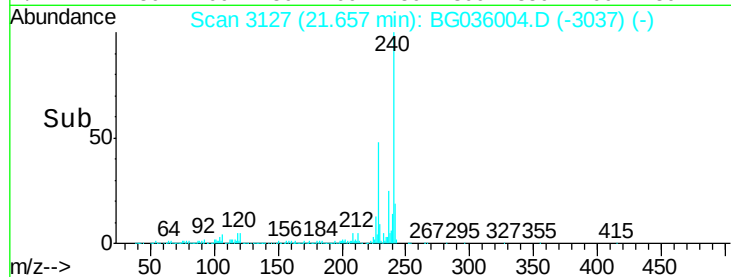
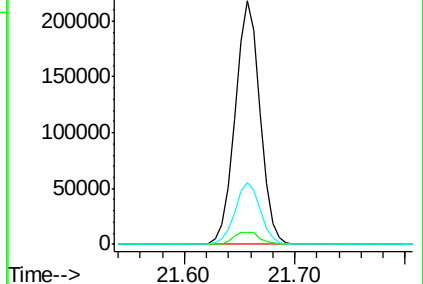
236 25.3 20.9 31.3



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: 31.814 ng

RT: 19.62 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

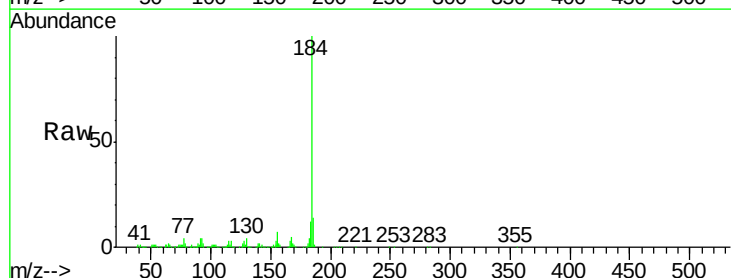
Tgt Ion:184 Resp: 288663

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

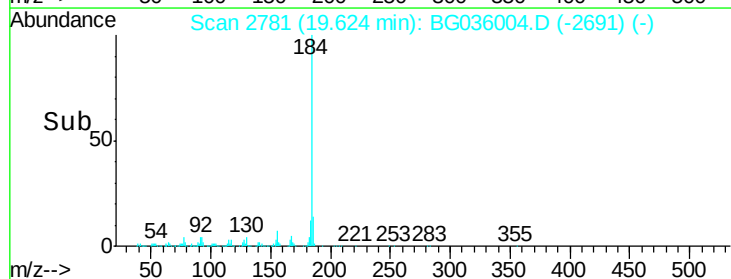
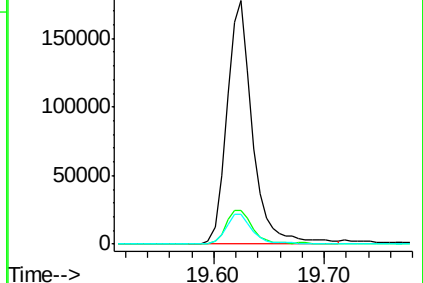
183 12.2 10.6 16.0

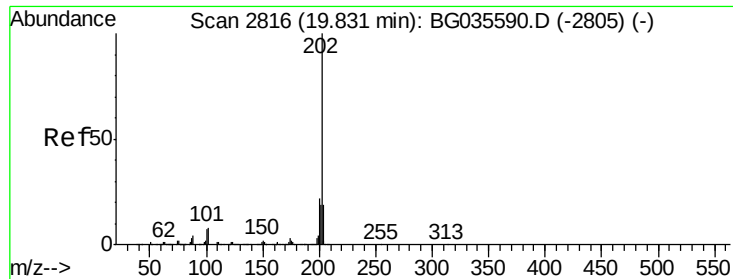


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

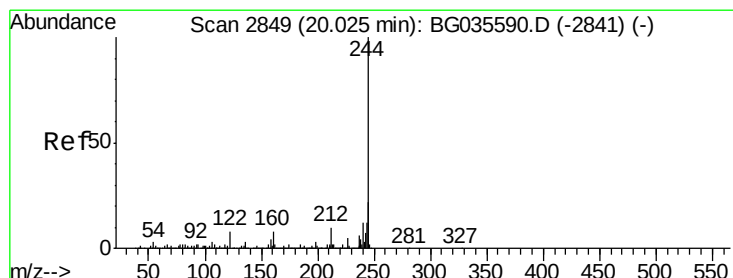
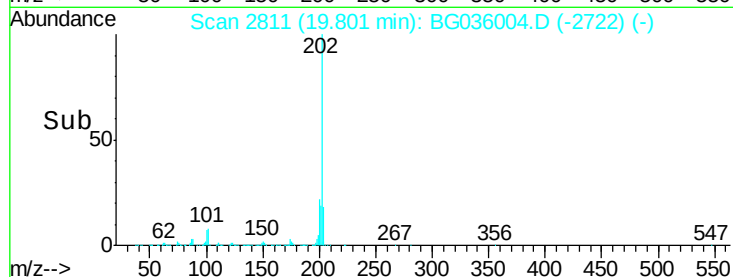
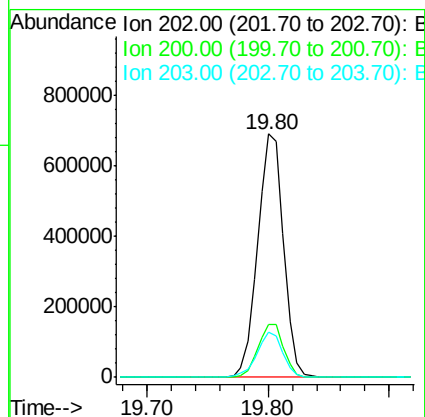
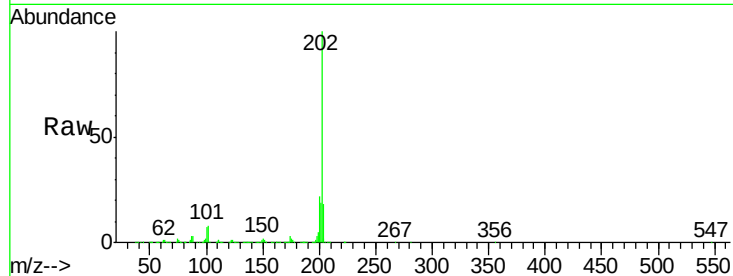




#77
 Pyrene
 Concen: 47.333 ng
 RT: 19.80 min Scan# 2811
 Delta R.T. -0.01 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

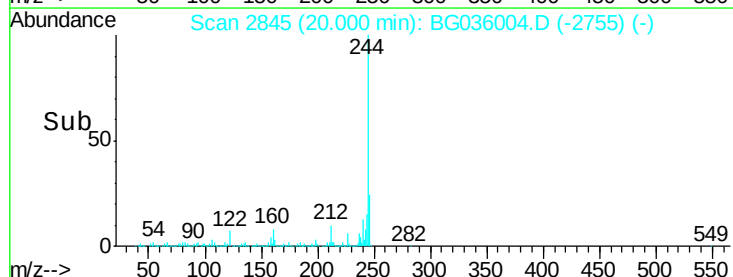
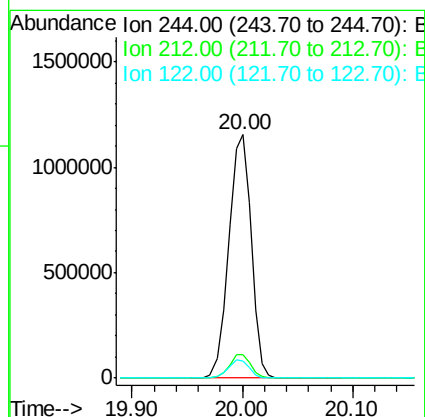
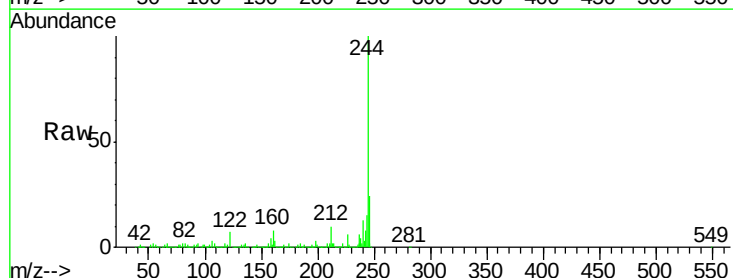
Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

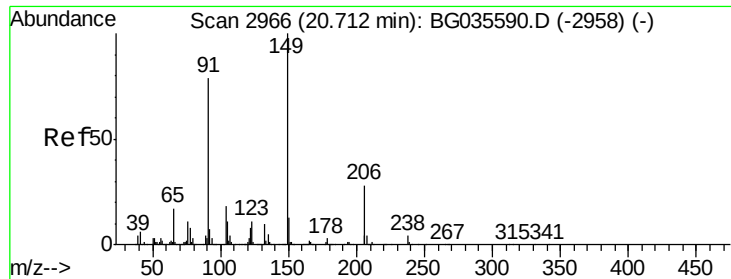
Tgt Ion:202 Resp: 1032926
 Ion Ratio Lower Upper
 202 100
 200 21.7 16.9 25.3
 203 18.5 13.9 20.9



#78
 Terphenyl-d14
 Concen: 105.249 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion:244 Resp: 1647869
 Ion Ratio Lower Upper
 244 100
 212 9.7 5.8 8.8#
 122 7.2 7.0 10.4

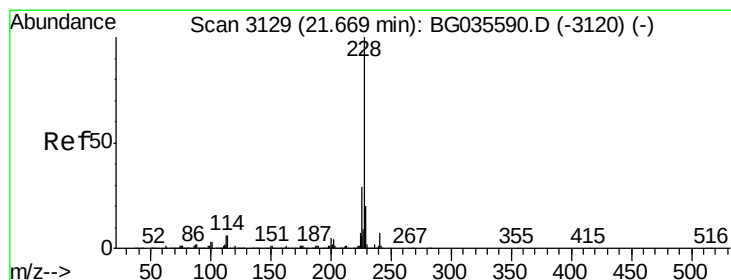
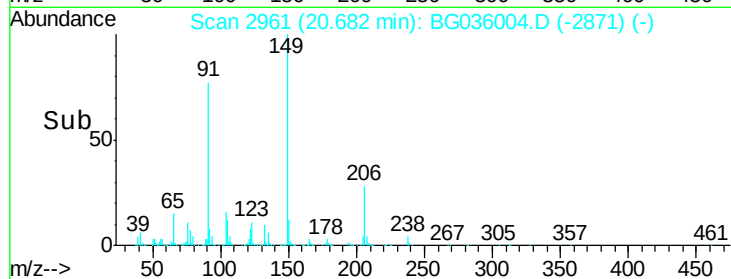
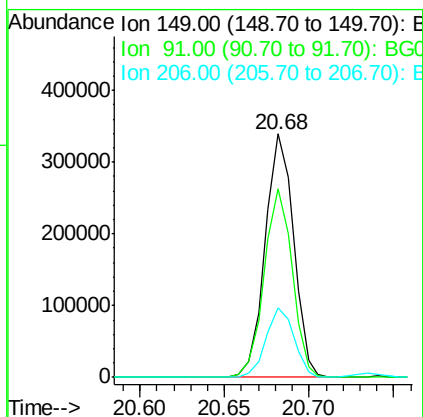
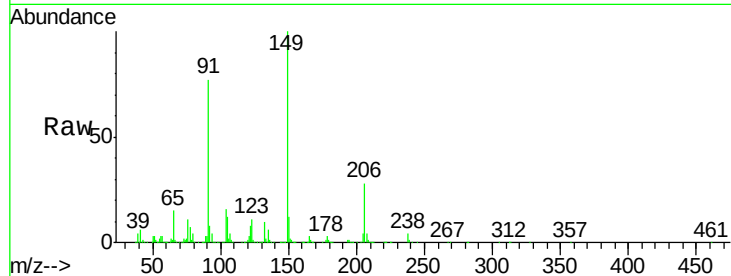




#79
 Butylbenzylphthalate
 Concen: 50.518 ng
 RT: 20.68 min Scan# 2961
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

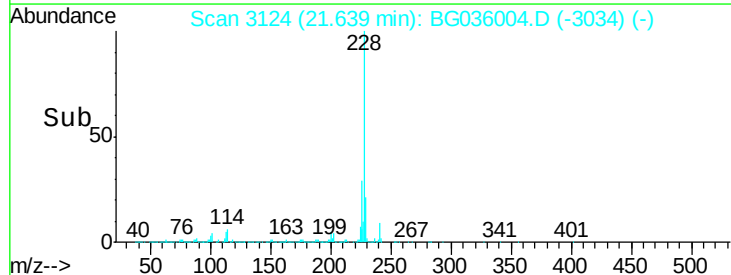
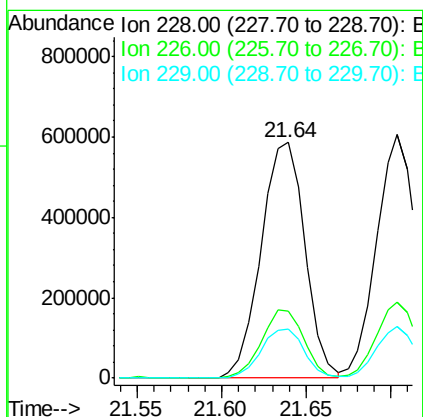
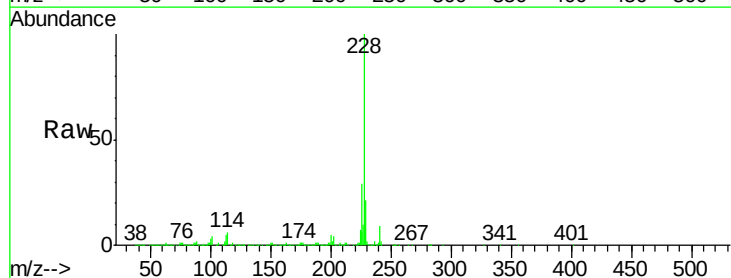
Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

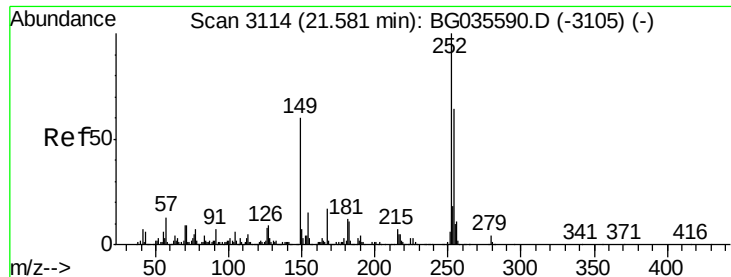
Tgt Ion:149 Resp: 394235
 Ion Ratio Lower Upper
 149 100
 91 77.3 62.2 93.2
 206 28.4 18.6 27.8#



#80
 Benzo(a)anthracene
 Concen: 49.269 ng
 RT: 21.64 min Scan# 3124
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion:228 Resp: 1059637
 Ion Ratio Lower Upper
 228 100
 226 28.5 22.7 34.1
 229 21.0 16.2 24.2

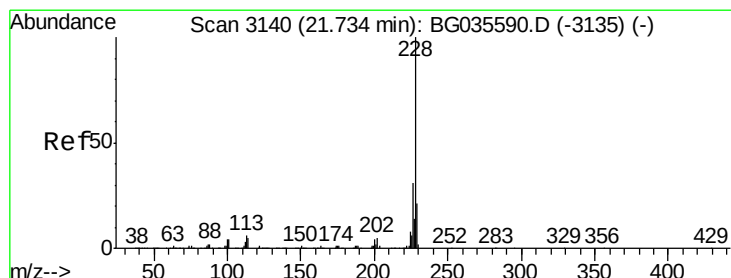
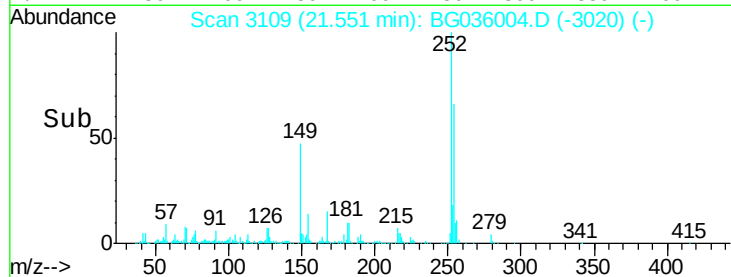
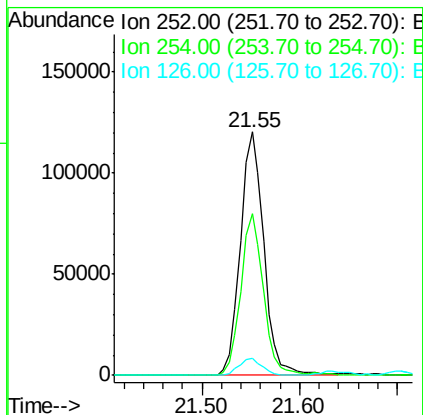
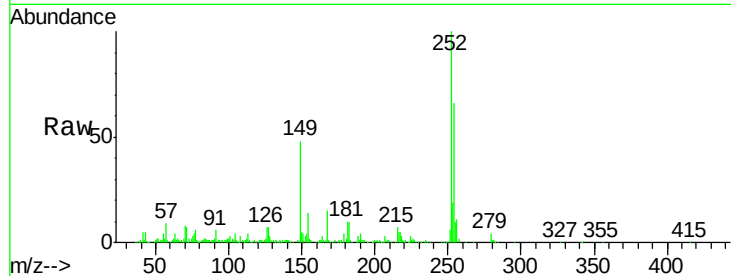




#81
 3,3'-Dichlorobenzidine
 Concen: 26.926 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

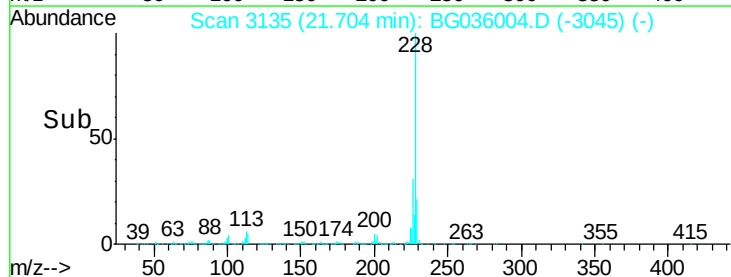
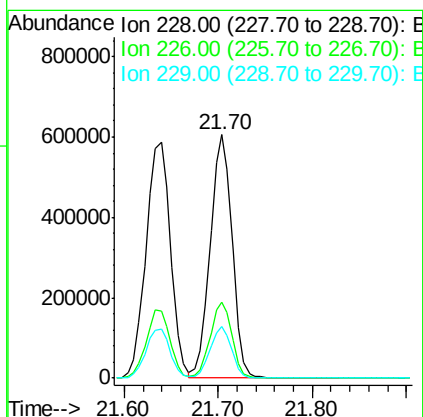
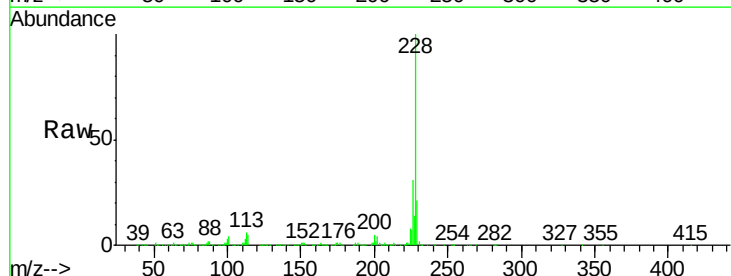
Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

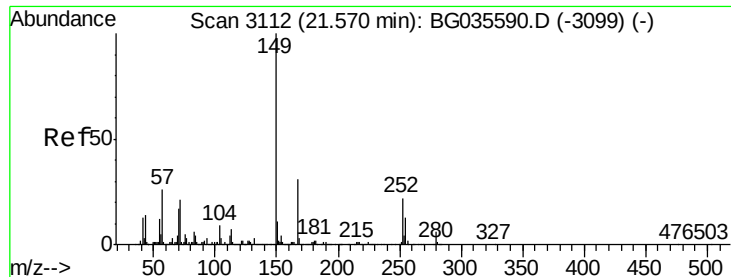
Tgt Ion: 252 Resp: 201925
 Ion Ratio Lower Upper
 252 100
 254 66.2 50.8 76.2
 126 6.8 7.4 11.2#



#82
 Chrysene
 Concen: 49.662 ng
 RT: 21.70 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion: 228 Resp: 989767
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.9 37.3
 229 21.1 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.751 ng

RT: 21.53 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

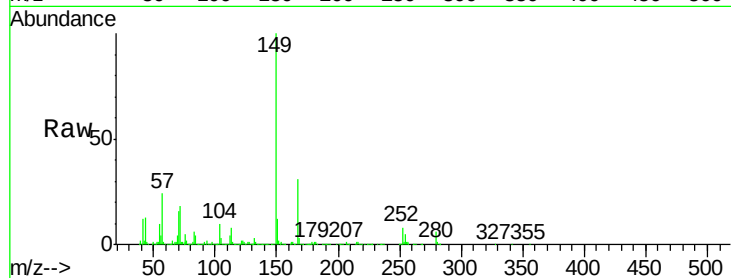
Tgt Ion:149 Resp: 549051

Ion Ratio Lower Upper

149 100

167 31.3 24.3 36.5

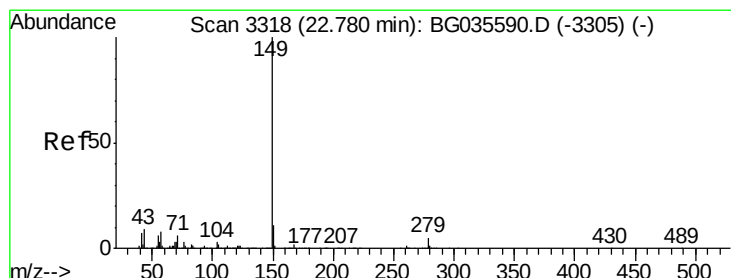
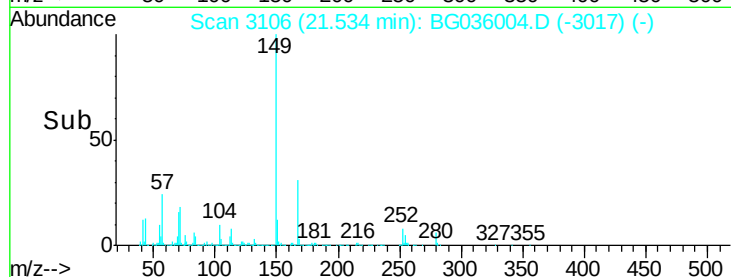
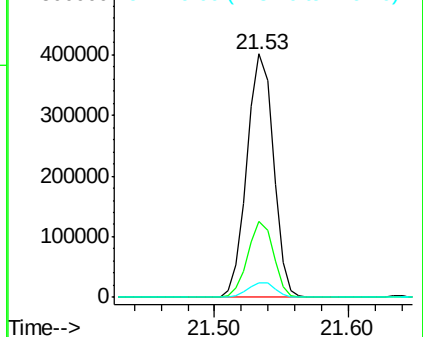
279 5.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.793 ng

RT: 22.73 min Scan# 3310

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

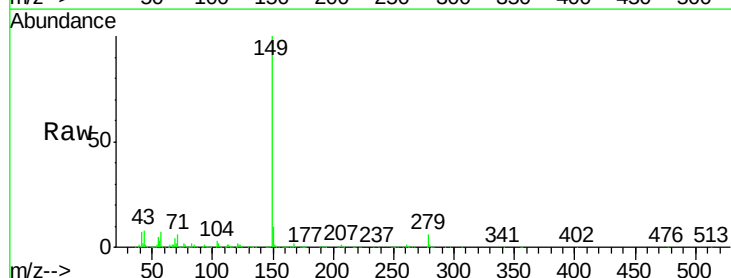
Tgt Ion:149 Resp: 920047

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

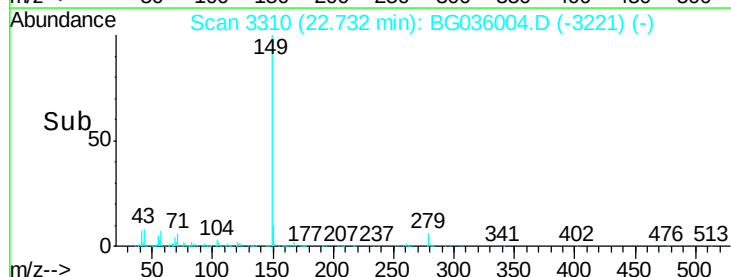
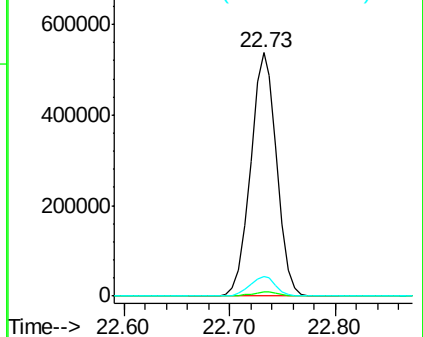
43 8.1 8.9 13.3#

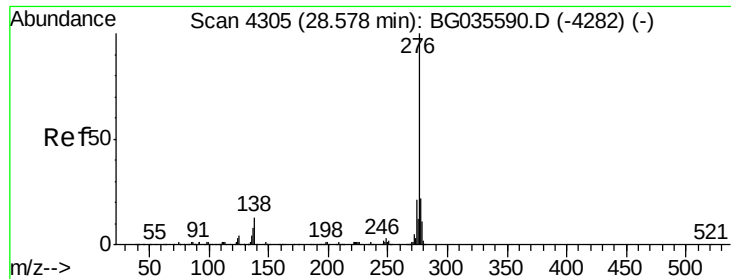


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.060 ng

RT: 28.49 min Scan# 4291

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

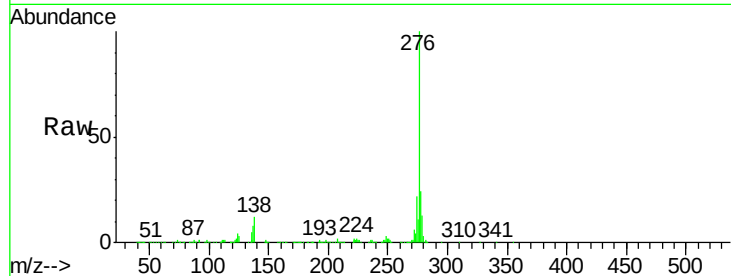
Tgt Ion:276 Resp: 1126658

Ion Ratio Lower Upper

276 100

138 6.3 16.0 24.0#

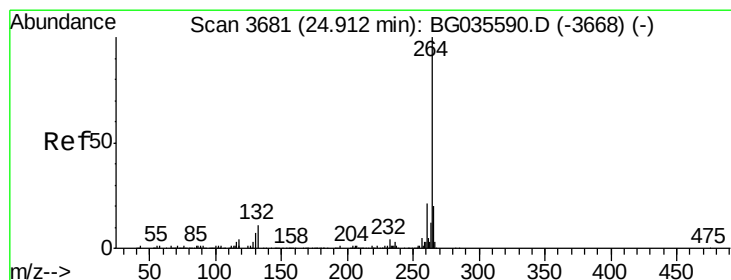
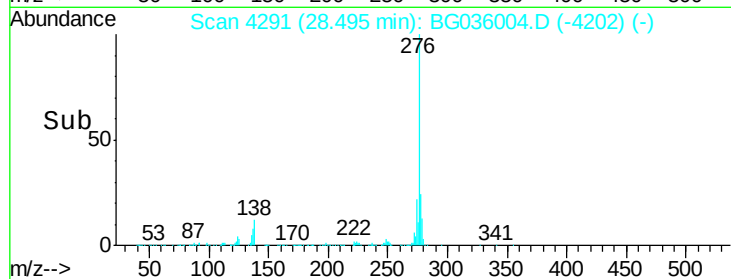
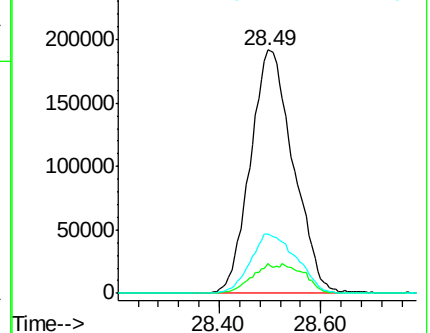
277 26.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

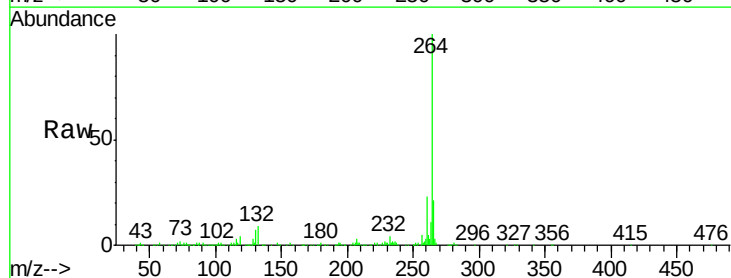
Tgt Ion:264 Resp: 332505

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

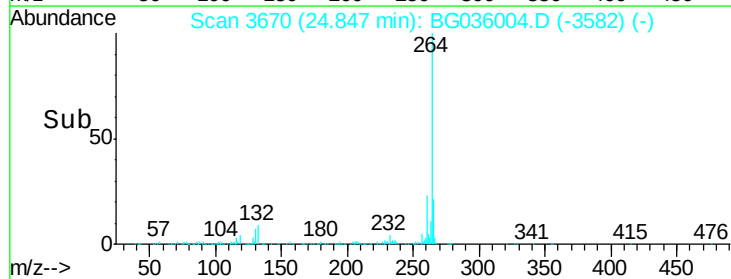
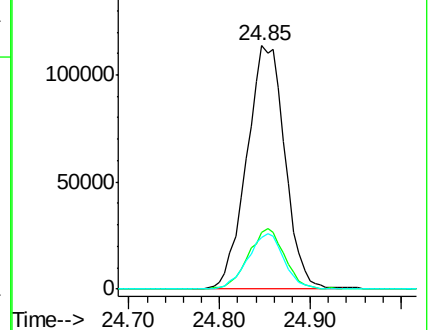
265 21.4 17.7 26.5

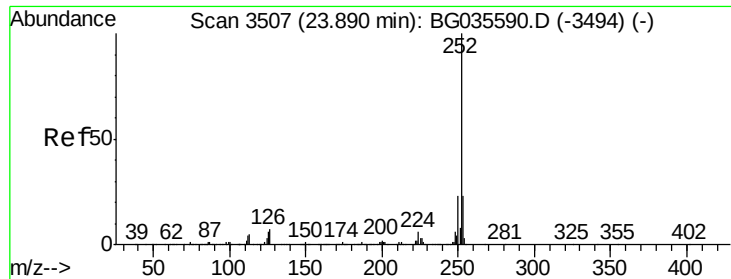


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 50.202 ng

RT: 23.84 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

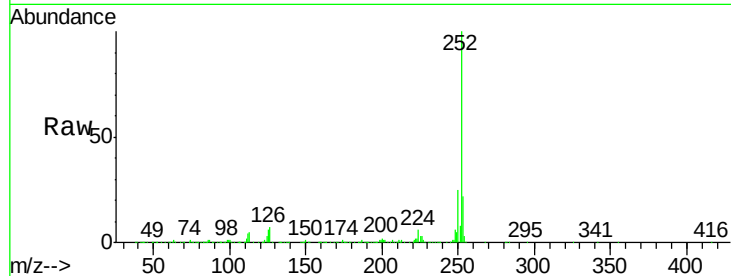
Tgt Ion:252 Resp: 1014563

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

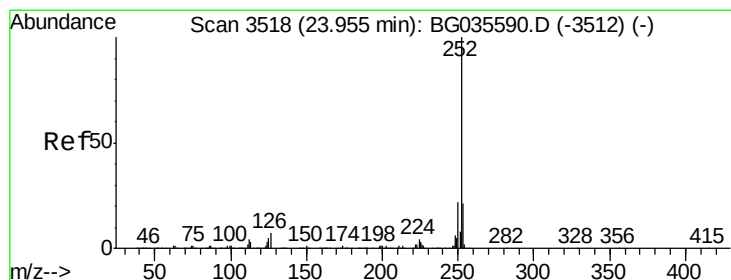
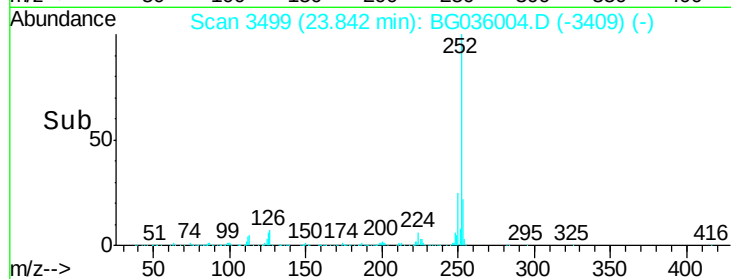
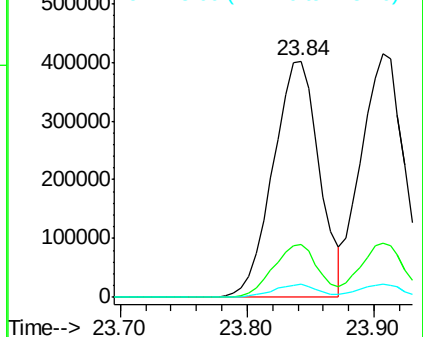
125 5.6 7.2 10.8#



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: 49.013 ng

RT: 23.91 min Scan# 3510

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

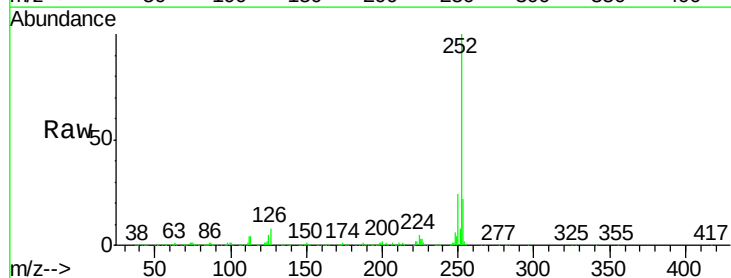
Tgt Ion:252 Resp: 968390

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

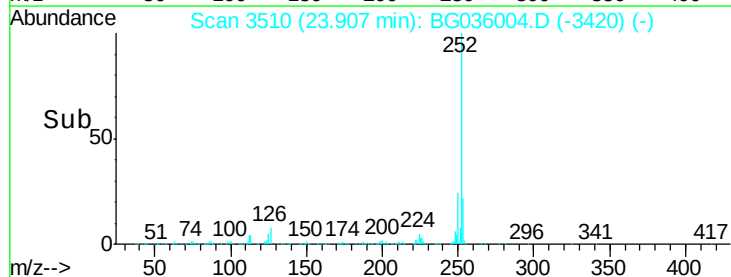
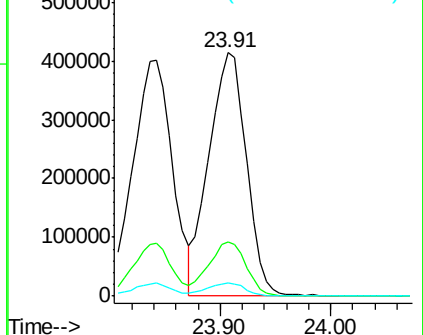
125 5.5 6.6 9.8#

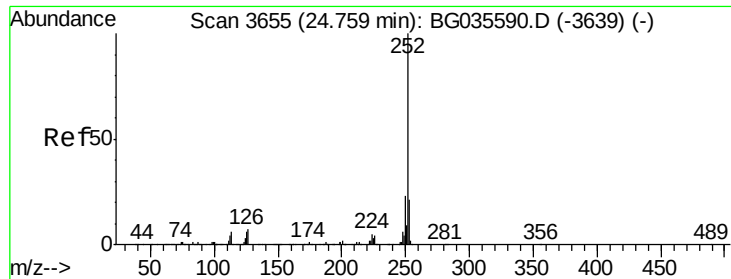


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 51.764 ng

RT: 24.71 min Scan# 3646

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

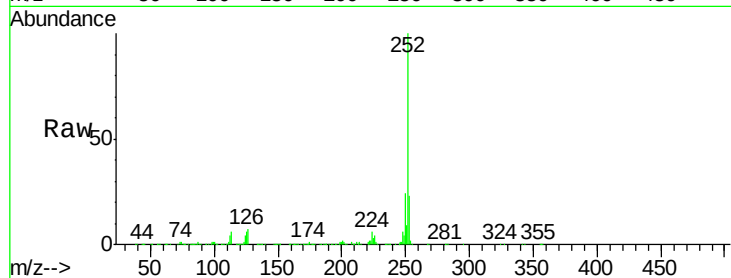
Tgt Ion:252 Resp: 973227

Ion Ratio Lower Upper

252 100

253 22.8 18.3 27.5

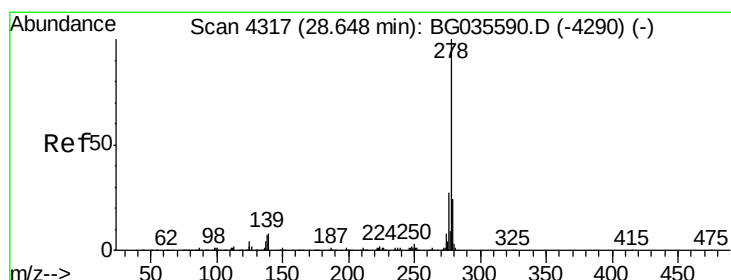
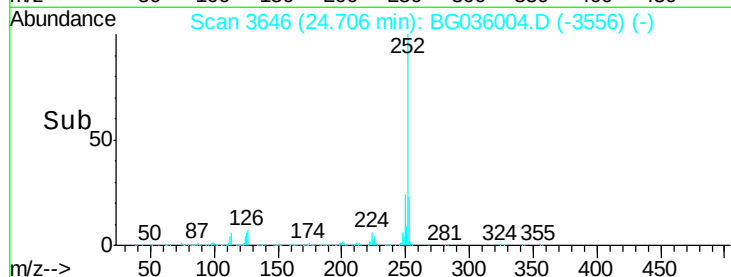
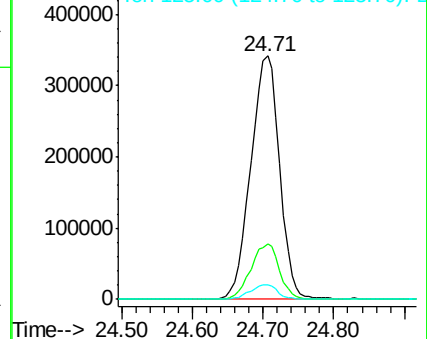
125 5.8 7.3 10.9#



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: 50.698 ng

RT: 28.56 min Scan# 4302

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

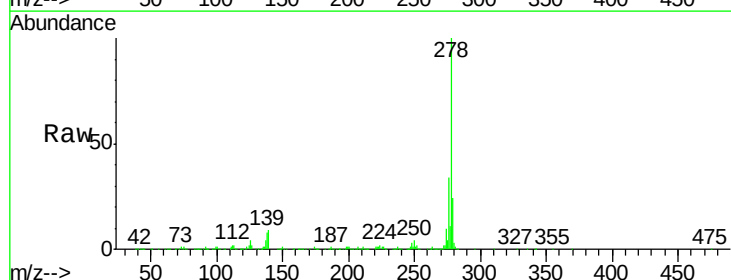
Tgt Ion:278 Resp: 935786

Ion Ratio Lower Upper

278 100

139 9.2 9.8 14.6#

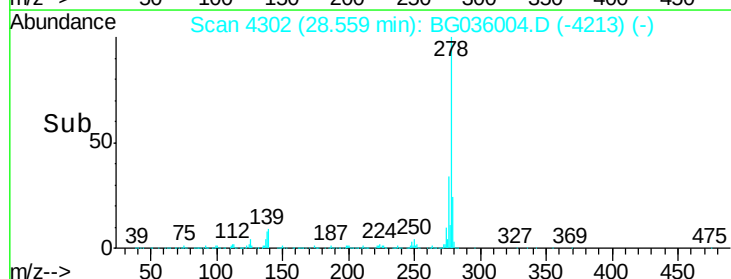
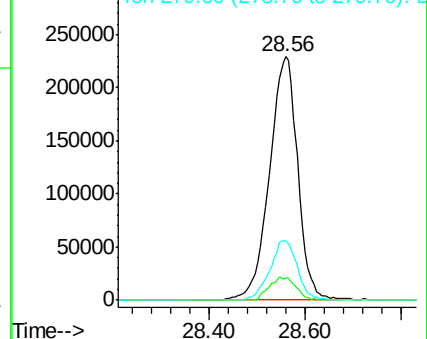
279 24.3 18.4 27.6

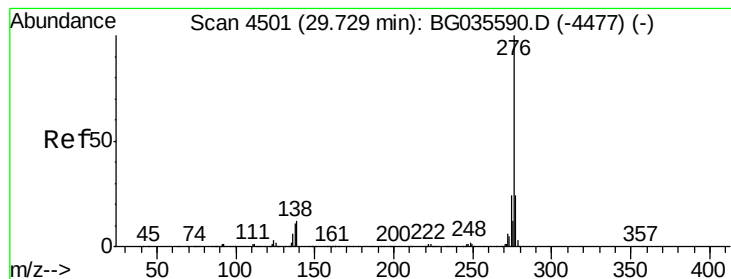


Abundance Ion 278.00 (277.70 to 278.70): E

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: 52.182 ng

RT: 29.64 min Scan# 4486

Delta R.T. 0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

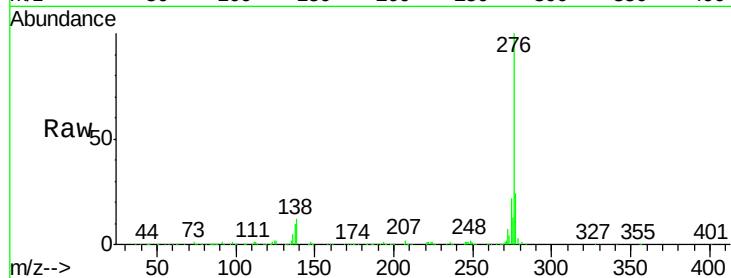
Tgt Ion: 276 Resp: 942514

Ion Ratio Lower Upper

276 100

277 23.5 18.3 27.5

138 12.0 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

