

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
 Data File : BG035816.D
 Acq On : 21 Jul 2018 12:19
 Operator : JU/SJ
 Sample : PB111321BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111321BS

Quant Time: Jul 23 01:02:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	41693	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	151245	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	109982	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	293960	20.00	ng	0.00
75) Chrysene-d12	21.66	240	309704	20.00	ng	0.00
86) Perylene-d12	24.86	264	302871	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	348288	138.69	ng	0.00
7) Phenol-d6	7.20	99	504323	134.60	ng	0.00
23) Nitrobenzene-d5	9.19	82	325552	89.92	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	217733	150.20	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	750133	91.38	ng	0.00
78) Terphenyl-d14	20.00	244	1324447	94.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	43779	34.252	ng	# 71
3) Pyridine	3.91	79	114627	34.353	ng	# 74
4) n-Nitrosodimethylamine	3.83	42	48377	33.766	ng	# 83
6) Aniline	7.36	93	104192	21.455	ng	96
8) 2-Chlorophenol	7.59	128	113474	44.428	ng	97
9) Benzaldehyde	7.17	77	60630	26.373	ng	98
10) Phenol	7.23	94	172200	45.491	ng	95
11) bis(2-Chloroethyl)ether	7.45	93	112646	37.998	ng	91
12) 1,3-Dichlorobenzene	7.92	146	126167	40.906	ng	95
13) 1,4-Dichlorobenzene	8.06	146	129262	41.248	ng	97
14) 1,2-Dichlorobenzene	8.38	146	124072	41.213	ng	98
15) Benzyl Alcohol	8.26	79	129782	38.144	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.55	45	130588	52.543	ng	81
17) 2-Methylphenol	8.48	107	118712	46.126	ng	94
18) Hexachloroethane	9.10	117	47649	39.767	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	109631	34.747	ng	# 85
20) 3+4-Methylphenols	8.80	107	153464	42.982	ng	95
22) Acetophenone	8.85	105	198150	42.130	ng	# 89
24) Nitrobenzene	9.23	77	159629	43.841	ng	91
25) Isophorone	9.75	82	302378	44.991	ng	99
26) 2-Nitrophenol	9.94	139	67077	51.871	ng	# 88
27) 2,4-Dimethylphenol	10.00	122	121863	55.672	ng	93
28) bis(2-Chloroethoxy)methane	10.23	93	162598	43.905	ng	97
29) 2,4-Dichlorophenol	10.48	162	131952	52.808	ng	93
30) 1,2,4-Trichlorobenzene	10.69	180	144879	47.285	ng	97
31) Naphthalene	10.88	128	353695	44.894	ng	99
32) Benzoic acid	10.17	122	52930	35.920	ng	# 83
33) 4-Chloroaniline	11.00	127	35194	10.249	ng	# 95
34) Hexachlorobutadiene	11.16	225	107926	45.172	ng	94
35) Caprolactam	11.77	113	26247	24.478	ng	# 72
36) 4-Chloro-3-methylphenol	12.11	107	164441	49.098	ng	96
37) 2-Methylnaphthalene	12.48	142	275905	47.006	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	190460	45.882	ng	99
40) Hexachlorocyclopentadiene	12.83	237	248225	114.021	ng	90

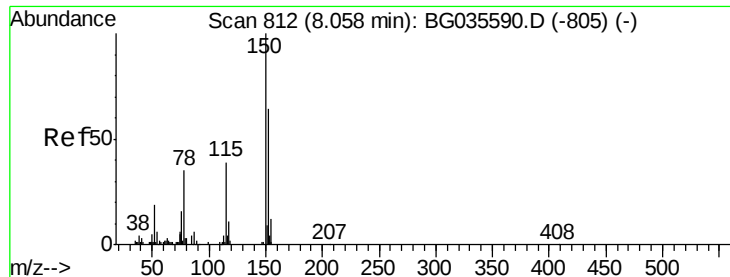
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	127361	52.464	ng	96
43) 2,4,5-Trichlorophenol	13.17	196	135900	50.042	ng	98
45) 1,1'-Biphenyl	13.49	154	386656	45.346	ng	98
46) 2-Chloronaphthalene	13.53	162	305971	46.132	ng	99
47) 2-Nitroaniline	13.73	65	101773	43.403	ng	97
48) Acenaphthylene	14.37	152	508850	45.800	ng	97
49) Dimethylphthalate	14.11	163	417692	43.347	ng	98
50) 2,6-Dinitrotoluene	14.23	165	97152	49.510	ng	94
51) Acenaphthene	14.71	154	296013	42.770	ng	96
52) 3-Nitroaniline	14.56	138	38060	18.977	ng	# 94
53) 2,4-Dinitrophenol	14.77	184	79061	78.486	ng	# 65
54) Dibenzofuran	15.05	168	495679	45.033	ng	93
55) 4-Nitrophenol	14.88	139	131303	91.930	ng	91
56) 2,4-Dinitrotoluene	15.01	165	139815	49.666	ng	91
57) Fluorene	15.70	166	412509	44.714	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	131968	50.682	ng	92
59) Diethylphthalate	15.47	149	414078	41.791	ng	97
60) 4-Chlorophenyl-phenylether	15.69	204	237322	43.768	ng	95
61) 4-Nitroaniline	15.72	138	87610	41.761	ng	90
62) Azobenzene	15.98	77	430426	44.040	ng	95
64) 4,6-Dinitro-2-methylphenol	15.78	198	65732	40.169	ng	85
65) n-Nitrosodiphenylamine	15.91	169	368647	44.059	ng	99
66) 4-Bromophenyl-phenylether	16.58	248	158799	46.563	ng	97
67) Hexachlorobenzene	16.71	284	162749	46.339	ng	95
68) Atrazine	16.85	200	167559	48.638	ng	98
69) Pentachlorophenol	17.05	266	143145	66.915	ng	100
70) Phenanthrene	17.44	178	665256	45.354	ng	98
71) Anthracene	17.53	178	682553	46.733	ng	98
72) Carbazole	17.80	167	619721	44.679	ng	99
73) Di-n-butylphthalate	18.35	149	702240	42.843	ng	# 98
74) Fluoranthene	19.44	202	879216	44.500	ng	97
76) Benzidine	19.63	184	174183	21.393	ng	97
77) Pyrene	19.81	202	876422	44.754	ng	98
79) Butylbenzylphthalate	20.69	149	328535	46.914	ng	96
80) Benzo(a)anthracene	21.64	228	884103	45.809	ng	98
81) 3,3'-Dichlorobenzidine	21.56	252	181764	27.010	ng	97
82) Chrysene	21.70	228	821887	45.955	ng	97
83) Bis(2-ethylhexyl)phthalate	21.54	149	447150	46.967	ng	99
84) Di-n-octyl phthalate	22.74	149	775034	48.619	ng	# 92
85) Indeno(1,2,3-cd)pyrene	28.51	276	950558	48.006	ng	# 90
87) Benzo(b)fluoranthene	23.84	252	853139	46.345	ng	# 97
88) Benzo(k)fluoranthene	23.91	252	799881	44.446	ng	# 97
89) Benzo(a)pyrene	24.71	252	822745	48.041	ng	# 96
90) Dibenzo(a,h)anthracene	28.57	278	788512	46.899	ng	# 96
91) Benzo(g,h,i)perylene	29.65	276	780153	47.419	ng	# 94

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

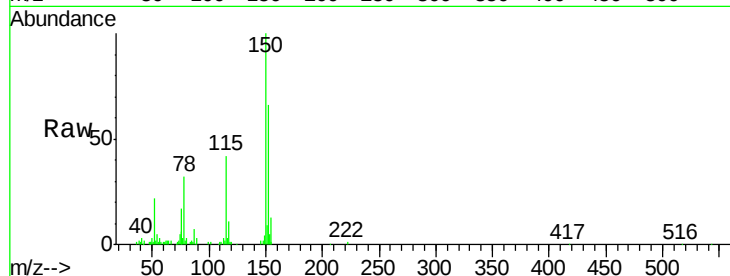


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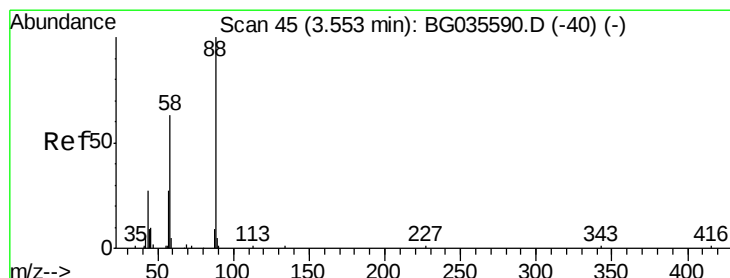
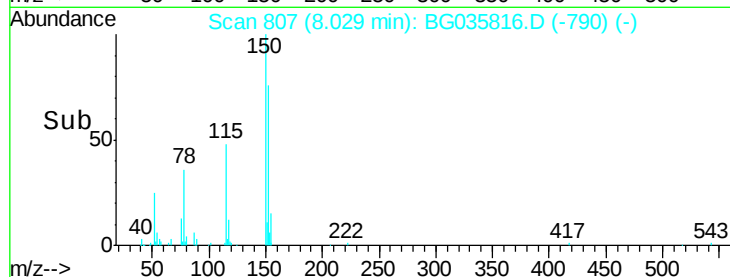
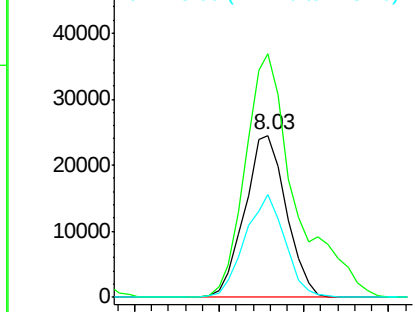
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB111321BS

Tgt Ion:152 Resp: 41693
Ion Ratio Lower Upper
152 100
150 150.5 126.6 189.8
115 63.3 53.0 79.4



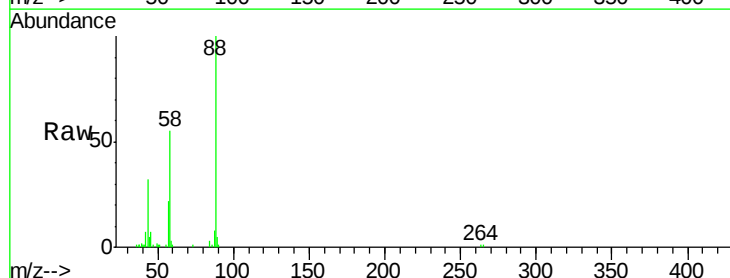
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



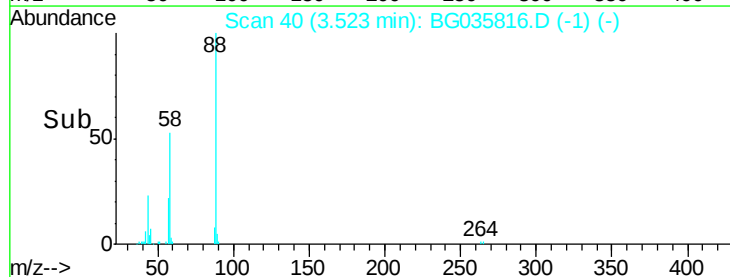
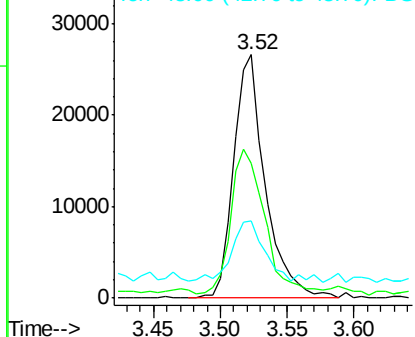
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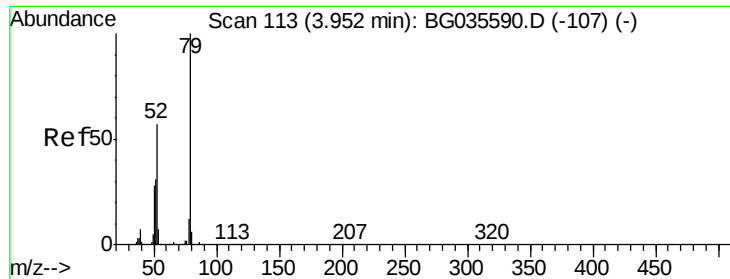
1,4-Dioxane
Concen: 34.252 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

Tgt Ion: 88 Resp: 43779
Ion Ratio Lower Upper
88 100
58 64.8 79.6 119.4#
43 26.2 27.4 41.0#



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





#3

Pyridine

Concen: 34.353 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.02 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

Instrument :

BNA_G

ClientSampleId :

PB111321BS

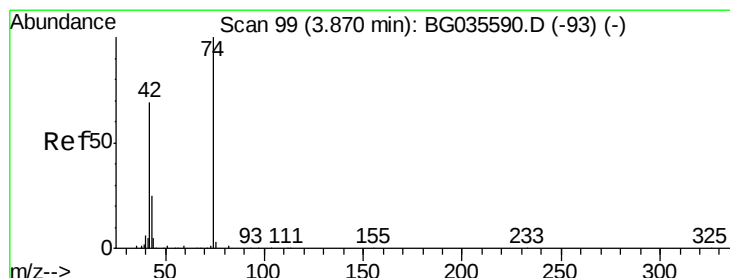
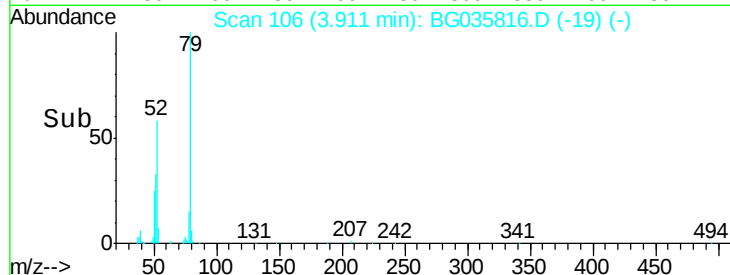
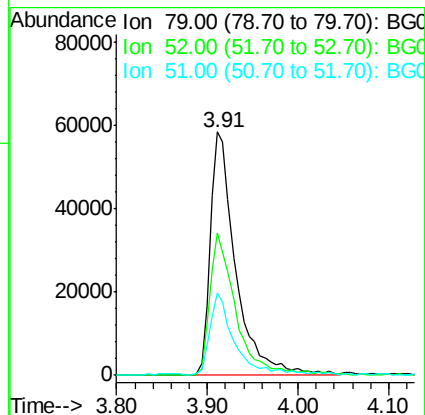
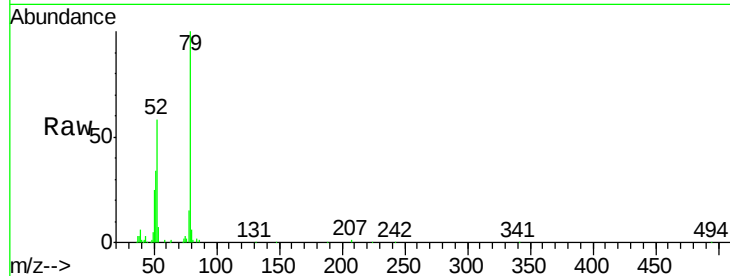
Tgt Ion: 79 Resp: 114627

Ion Ratio Lower Upper

79 100

52 58.5 69.9 104.9#

51 33.6 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 33.766 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

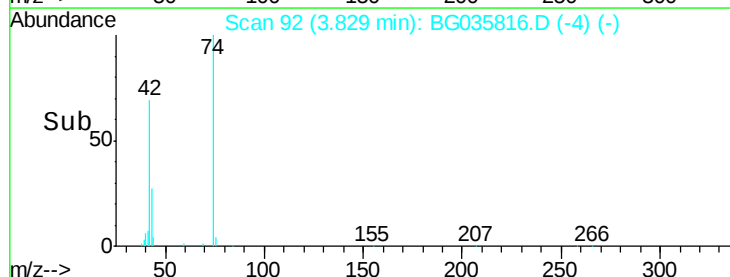
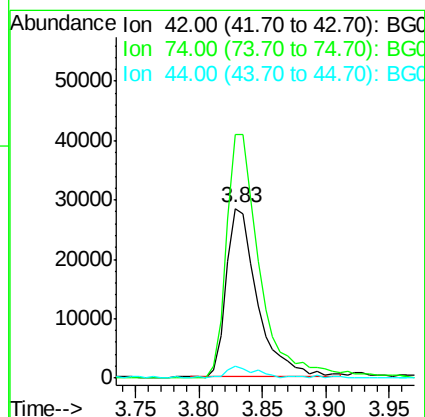
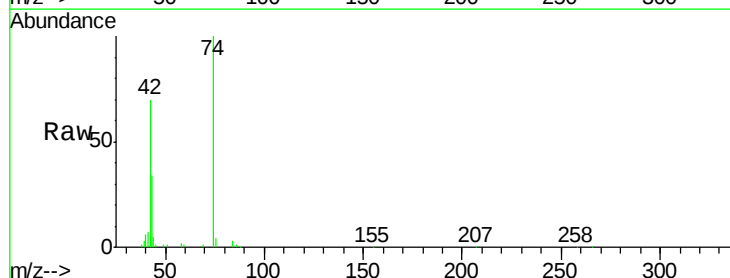
Tgt Ion: 42 Resp: 48377

Ion Ratio Lower Upper

42 100

74 143.6 102.5 153.7

44 6.8 18.9 28.3#





#5

2-Fluorophenol

Concen: 138.690 ng

RT: 5.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

Instrument :

BNA_G

ClientSampleId :

PB111321BS

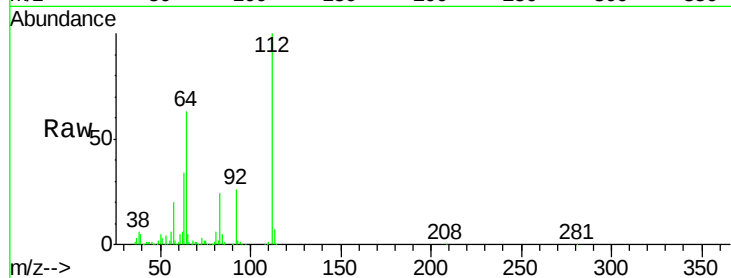
Tgt Ion: 112 Resp: 348288

Ion Ratio Lower Upper

112 100

64 63.1 56.3 84.5

63 34.3 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

250000

200000

150000

100000

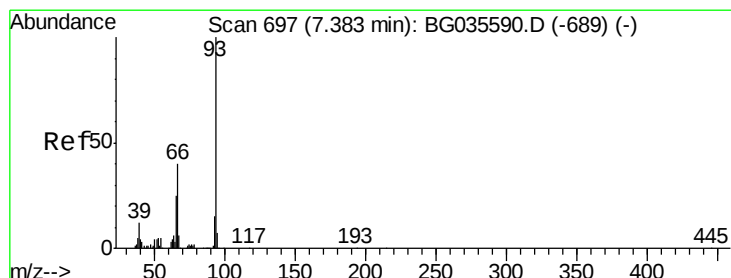
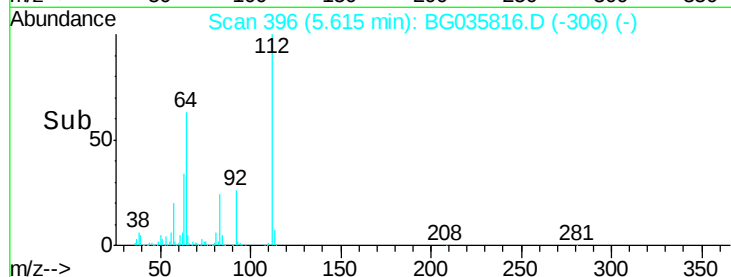
50000

0

5.61

5.50 5.60 5.70

Time-->



#6

Aniline

Concen: 21.455 ng

RT: 7.36 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

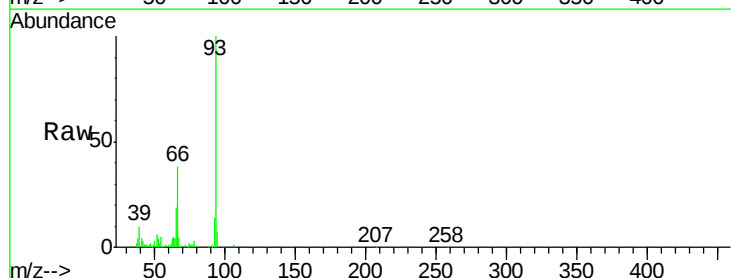
Tgt Ion: 93 Resp: 104192

Ion Ratio Lower Upper

93 100

66 38.4 33.7 50.5

65 19.4 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

100000

80000

60000

40000

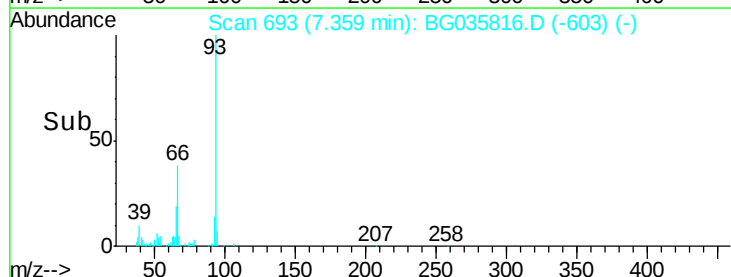
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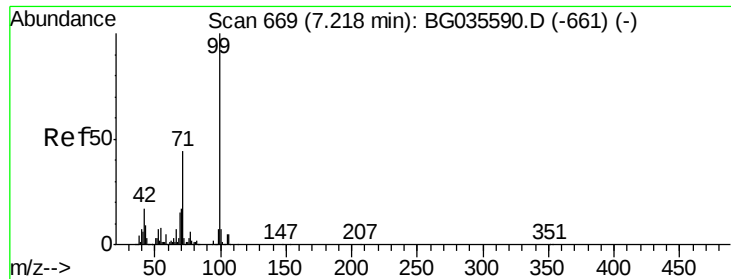
0

7.36

7.30 7.35 7.40

Time-->





#7

Phenol-d6

Concen: 134.601 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

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ClientSampleId :

PB111321BS

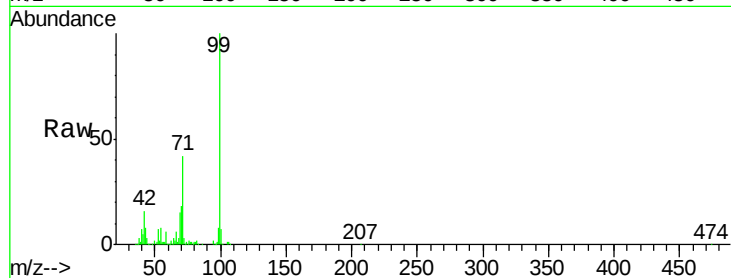
Tgt Ion: 99 Resp: 504323

Ion Ratio Lower Upper

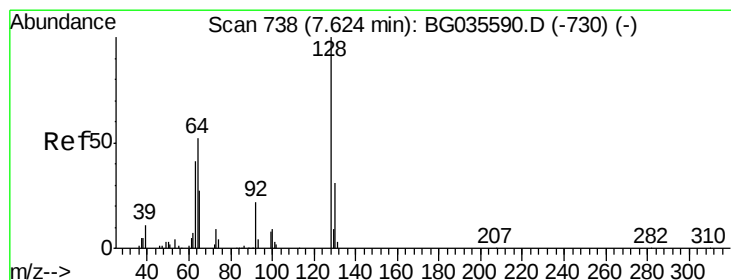
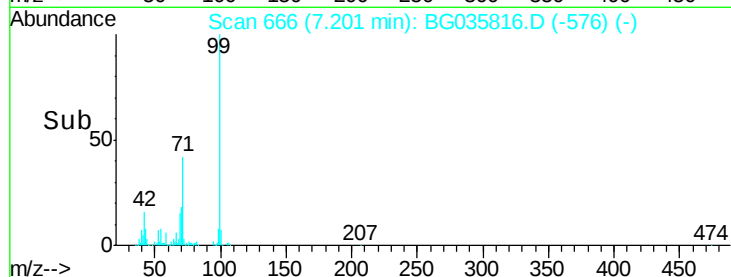
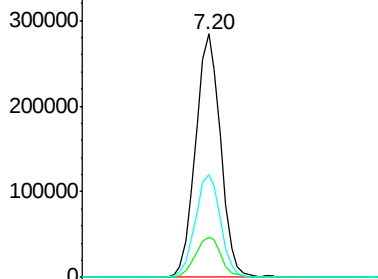
99 100

42 16.4 14.1 21.1

71 42.4 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: 44.428 ng

RT: 7.59 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

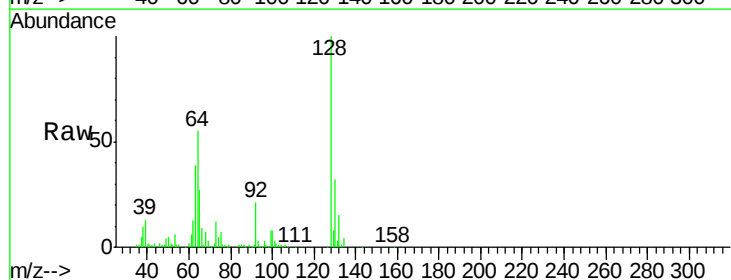
Tgt Ion: 128 Resp: 113474

Ion Ratio Lower Upper

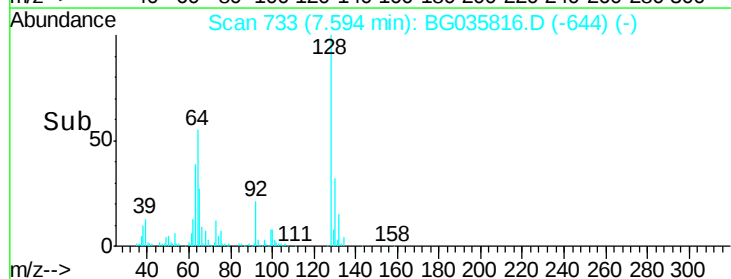
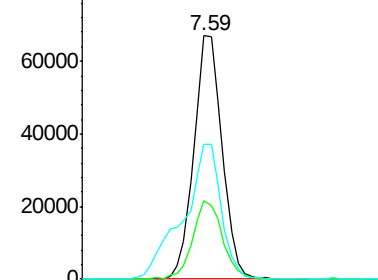
128 100

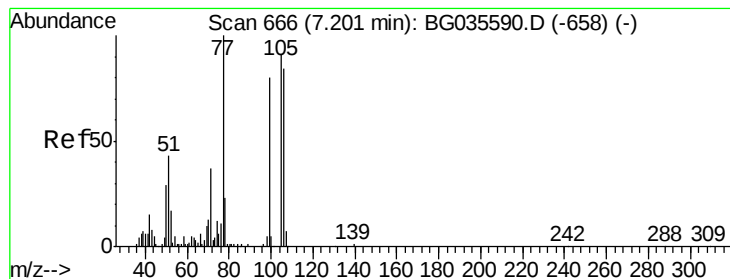
130 32.4 14.0 54.0

64 55.5 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: 26.373 ng

RT: 7.17 min Scan# 661

Delta R.T. 0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

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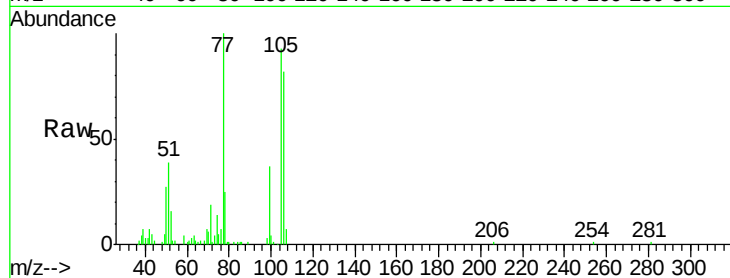
Tgt Ion: 77 Resp: 60630

Ion Ratio Lower Upper

77 100

105 93.4 71.3 111.3

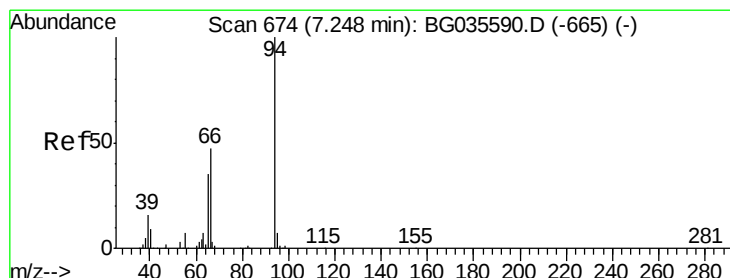
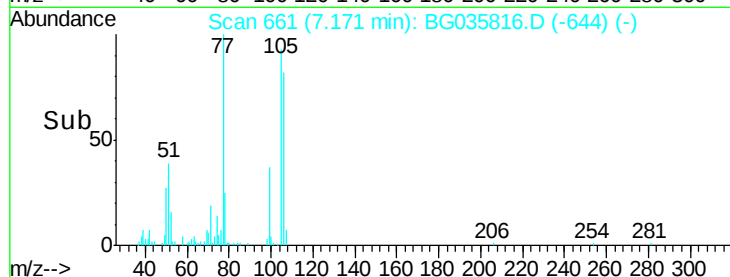
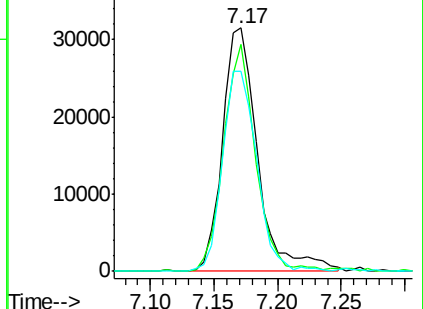
106 82.3 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.491 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

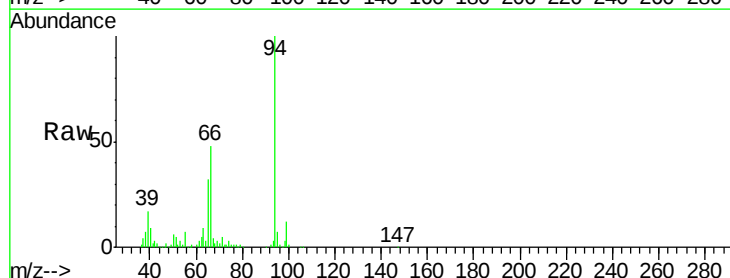
Tgt Ion: 94 Resp: 172200

Ion Ratio Lower Upper

94 100

65 32.0 11.9 51.9

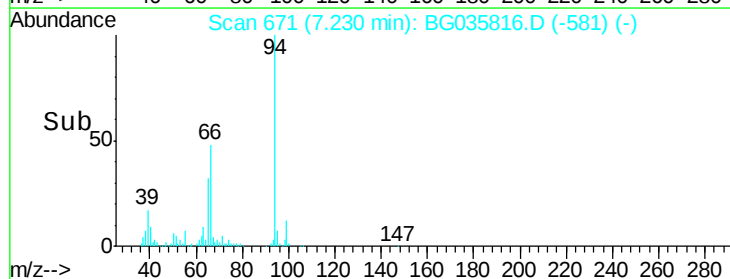
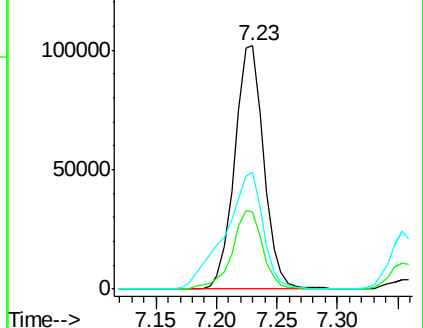
66 47.9 22.2 62.2

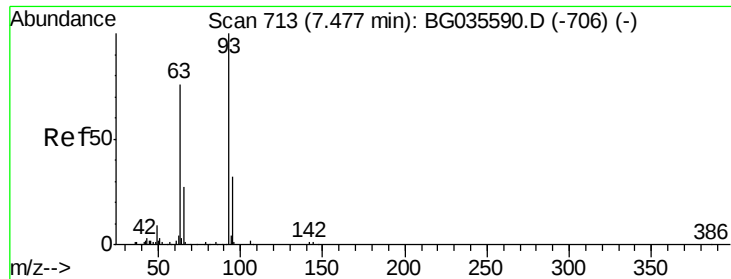


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

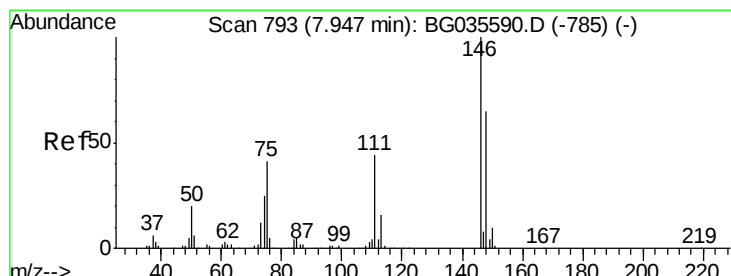
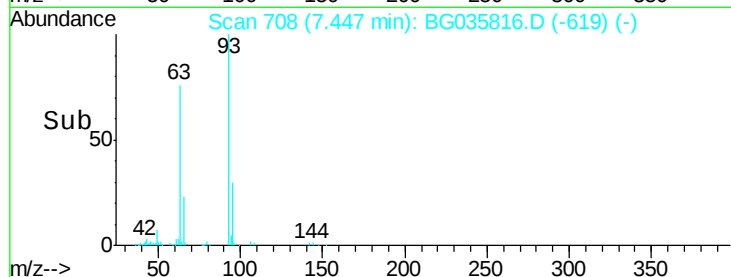
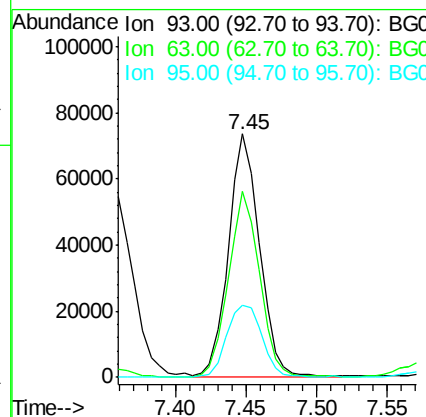
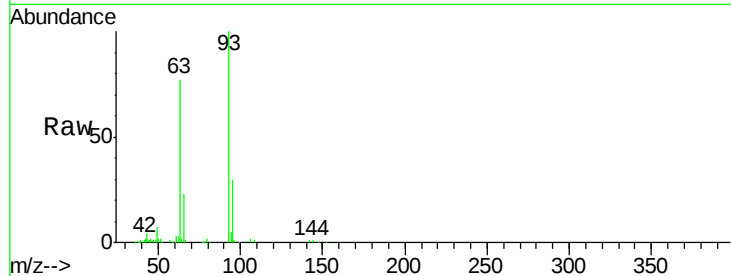




#11
bis(2-Chloroethyl)ether
Concen: 37.998 ng
RT: 7.45 min Scan# 708
Delta R.T. -0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

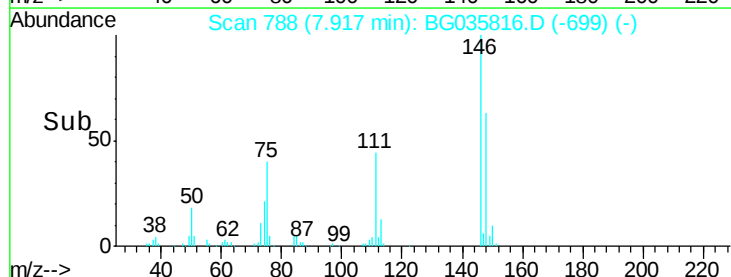
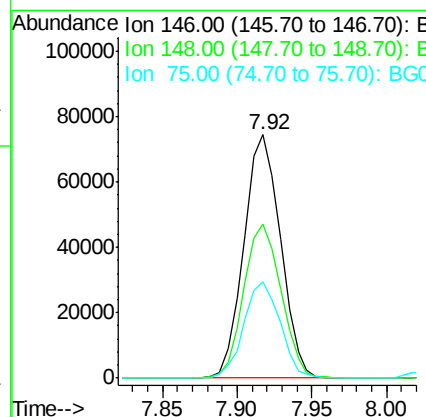
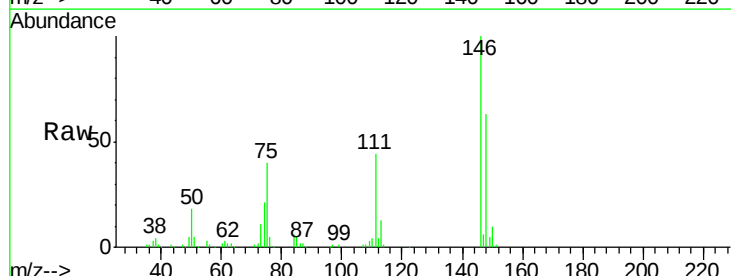
Instrument :
BNA_G
ClientSampleId :
PB111321BS

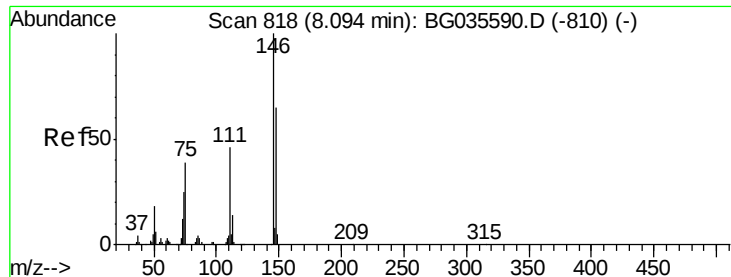
Tgt Ion: 93 Resp: 112646
Ion Ratio Lower Upper
93 100
63 76.5 67.1 107.1
95 29.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.906 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

Tgt Ion: 146 Resp: 126167
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
75 39.7 26.6 39.8

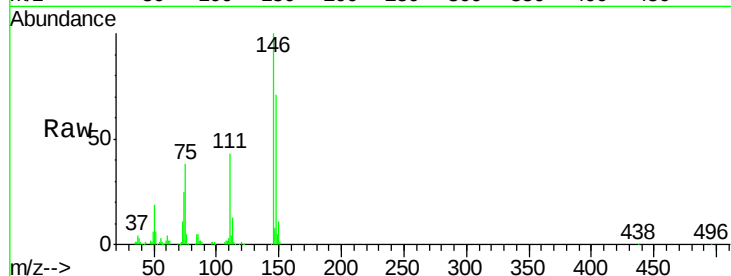




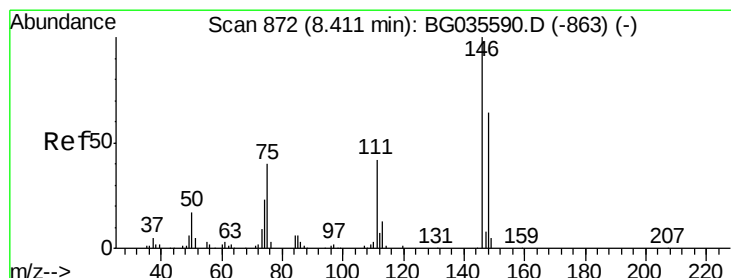
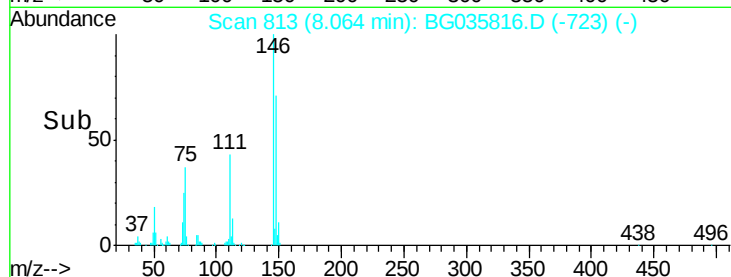
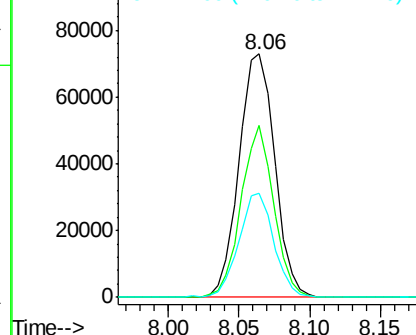
#13
 1,4-Dichlorobenzene
 Concen: 41.248 ng
 RT: 8.06 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

Instrument :
 BNA_G
 ClientSampleId :
 PB111321BS

Tgt Ion:146 Resp: 129262
 Ion Ratio Lower Upper
 146 100
 148 70.6 53.7 80.5
 111 42.8 35.2 52.8

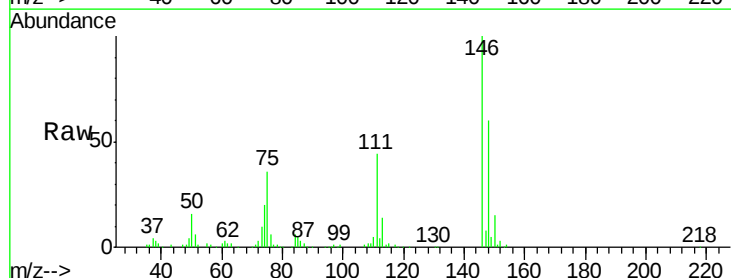


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

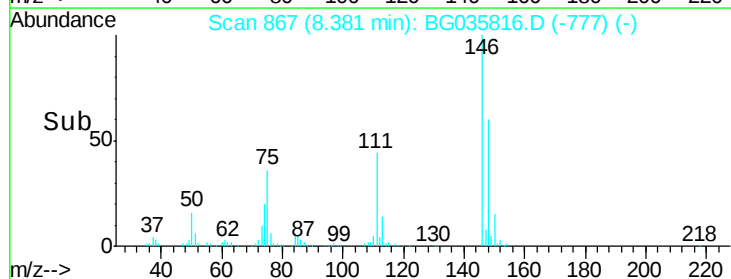
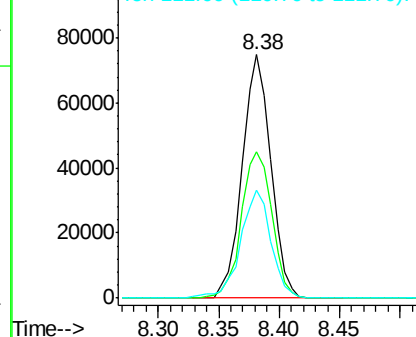


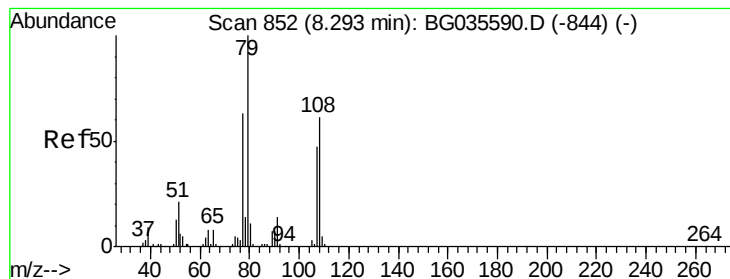
#14
 1,2-Dichlorobenzene
 Concen: 41.213 ng
 RT: 8.38 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

Tgt Ion:146 Resp: 124072
 Ion Ratio Lower Upper
 146 100
 148 60.2 49.3 73.9
 111 44.1 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: 38.144 ng

RT: 8.26 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

Instrument :

BNA_G

ClientSampleId :

PB111321BS

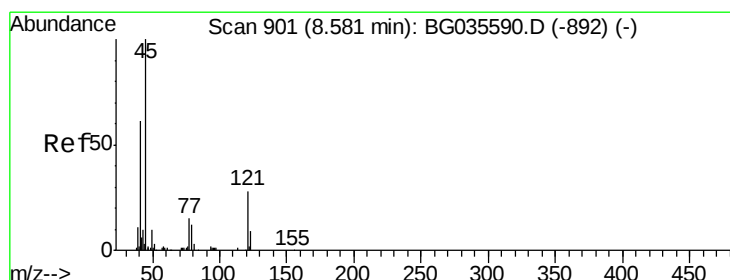
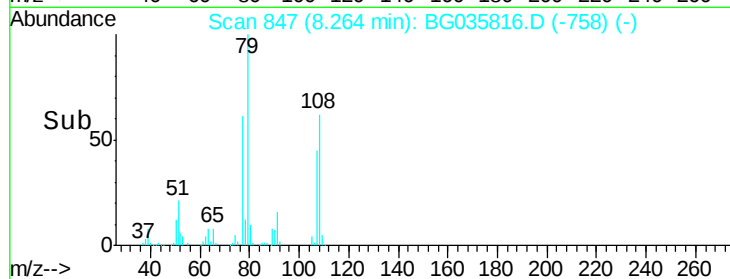
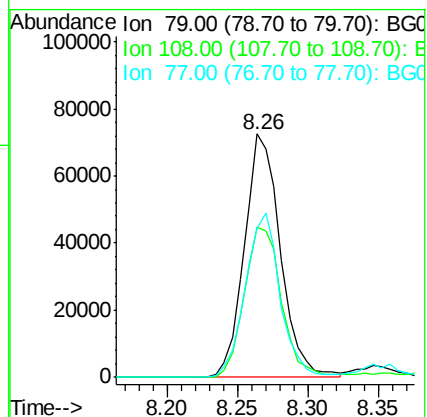
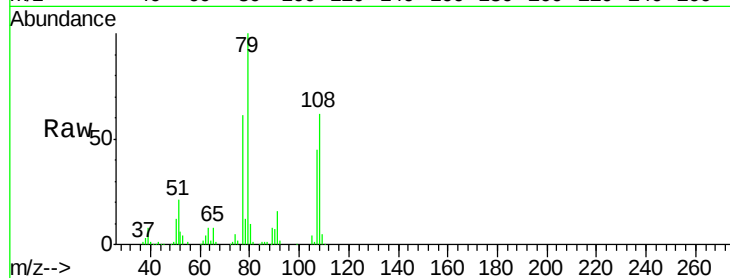
Tgt Ion: 79 Resp: 129782

Ion Ratio Lower Upper

79 100

108 61.8 57.2 85.8

77 61.3 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 52.543 ng

RT: 8.55 min Scan# 896

Delta R.T. 0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

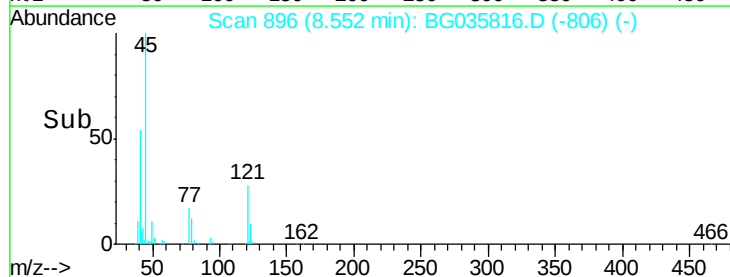
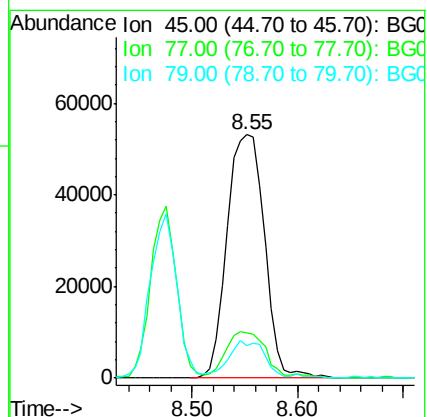
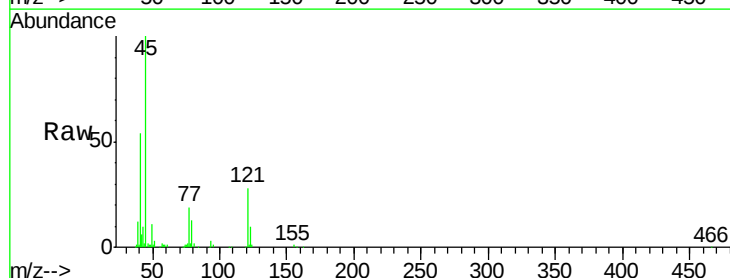
Tgt Ion: 45 Resp: 130588

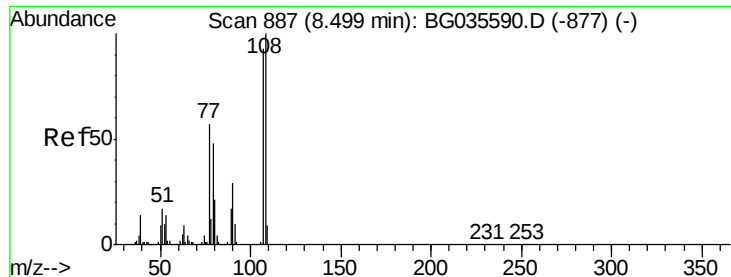
Ion Ratio Lower Upper

45 100

77 18.5 0.0 30.2

79 13.2 0.0 27.9

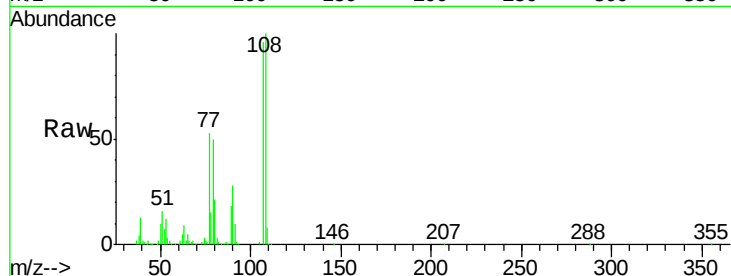




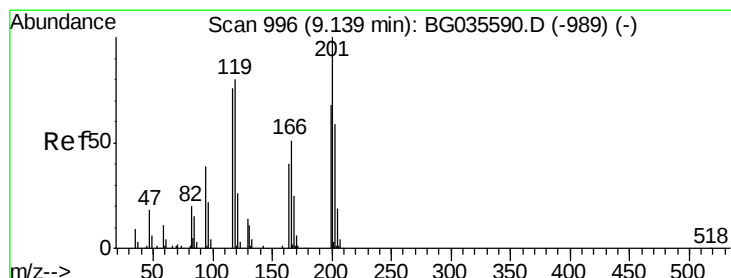
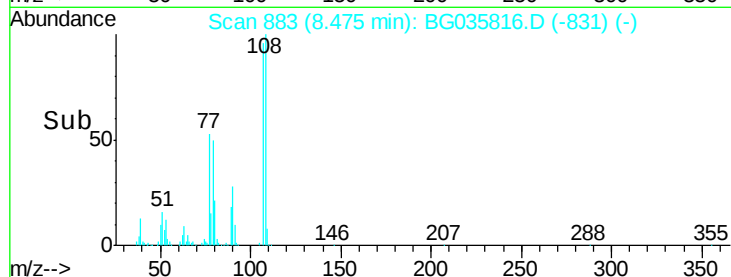
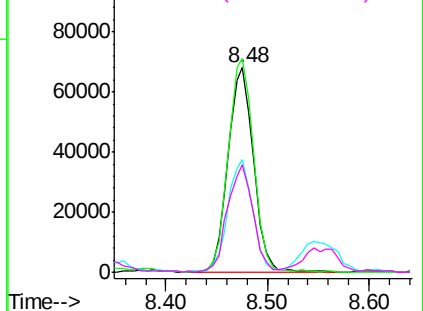
#17
2-Methylphenol
Concen: 46.126 ng
RT: 8.48 min Scan# 883
Delta R.T. 0.01 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB111321BS

Tgt Ion:107 Resp: 118712
Ion Ratio Lower Upper
107 100
108 104.5 83.9 125.9
77 55.3 37.2 55.8
79 52.6 36.2 54.2

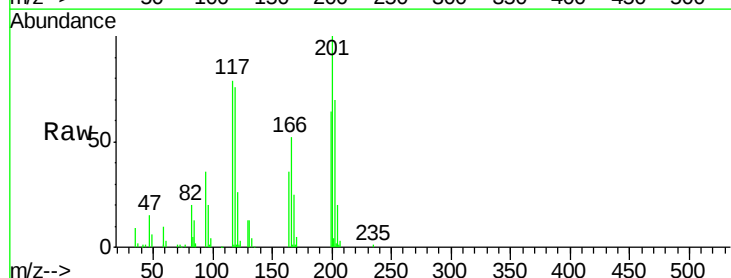


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

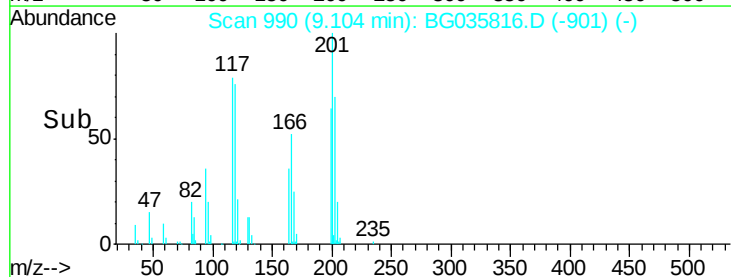
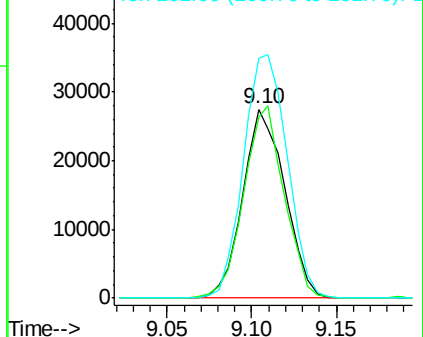


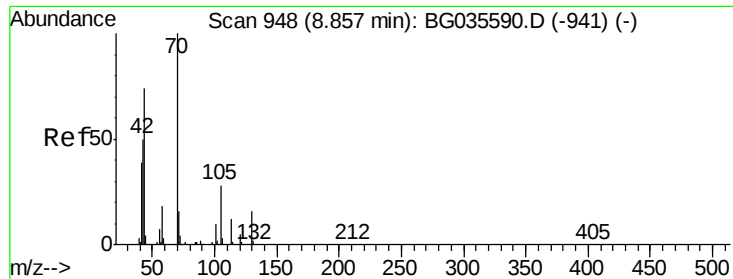
#18
Hexachloroethane
Concen: 39.767 ng
RT: 9.10 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

Tgt Ion:117 Resp: 47649
Ion Ratio Lower Upper
117 100
119 96.1 76.7 115.1
201 126.9 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

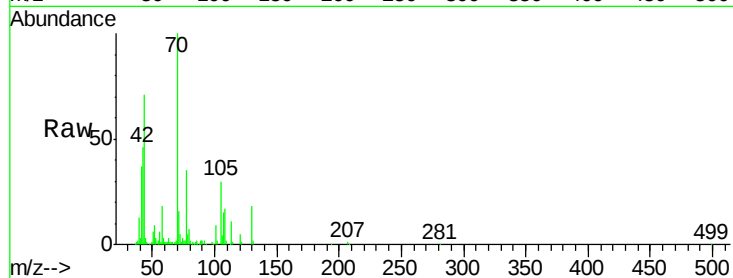




#19
n-Nitroso-di-n-propylamine
Concen: 34.747 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB111321BS

Tgt Ion:	70	Resp:	109631
Ion	Ratio	Lower	Upper
70	100		
42	46.1	49.1	73.7#
101	9.4	8.5	12.7
130	18.1	13.4	20.0



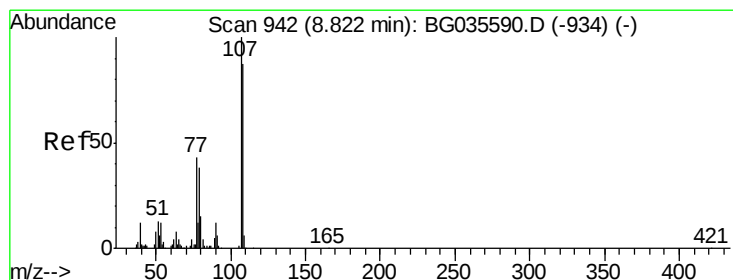
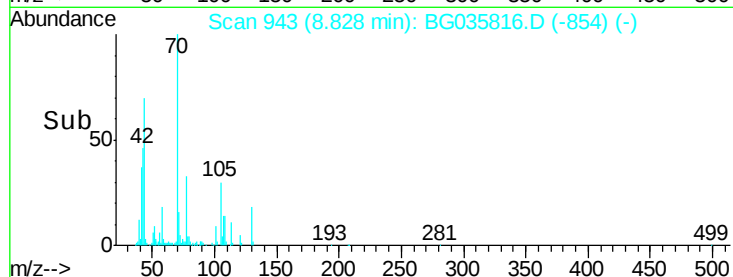
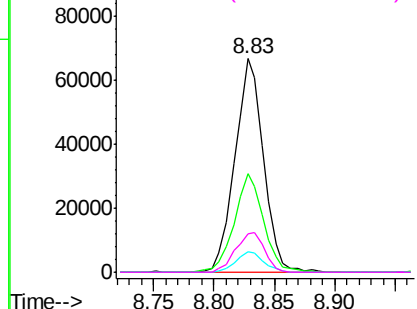
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

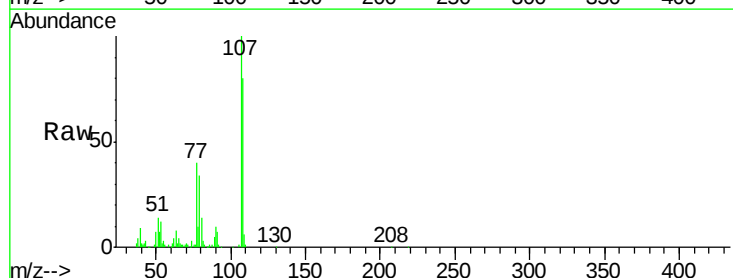
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 42.982 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

Tgt Ion:	107	Resp:	153464
Ion	Ratio	Lower	Upper
107	100		
108	80.5	61.6	101.6
77	40.2	13.9	53.9
79	33.9	8.8	48.8



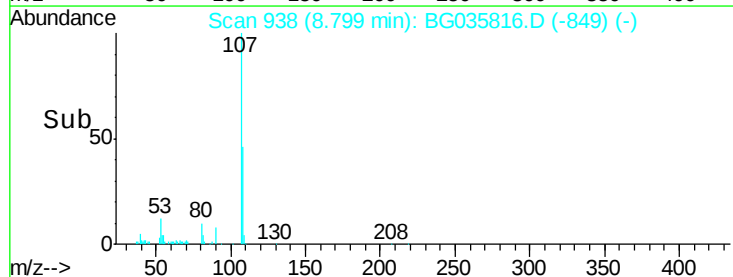
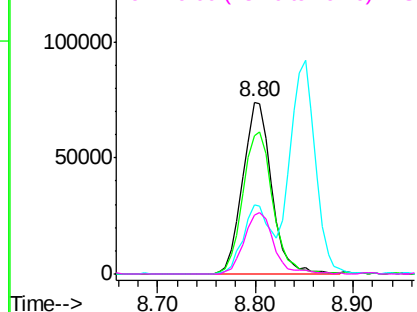
Abundance

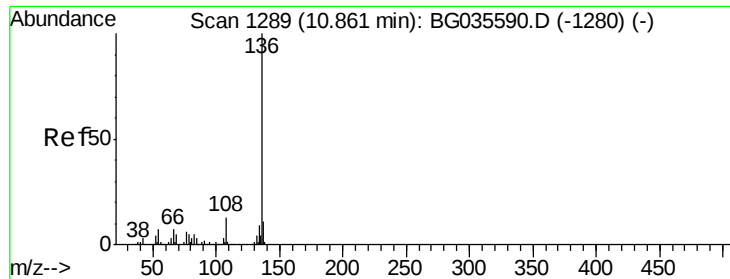
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

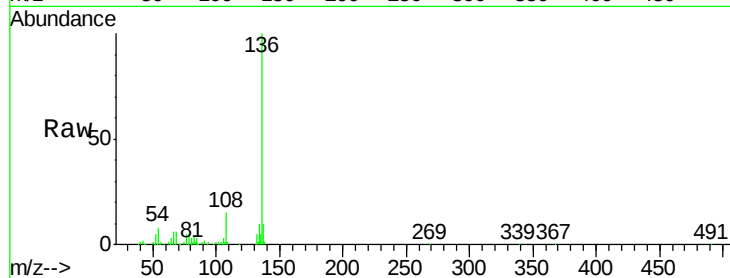




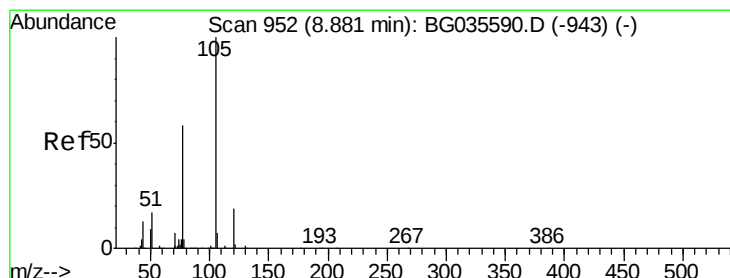
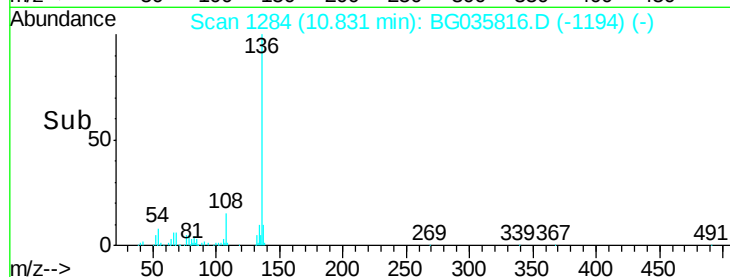
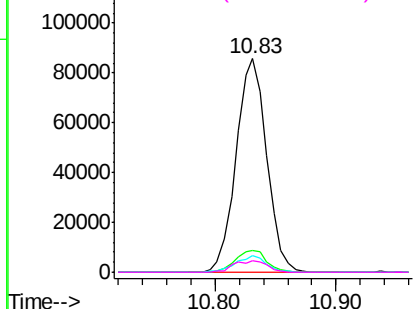
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB111321BS

Tgt Ion:	136	Resp:	151245
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	7.6	10.3	15.5#
68	5.6	4.5	6.7

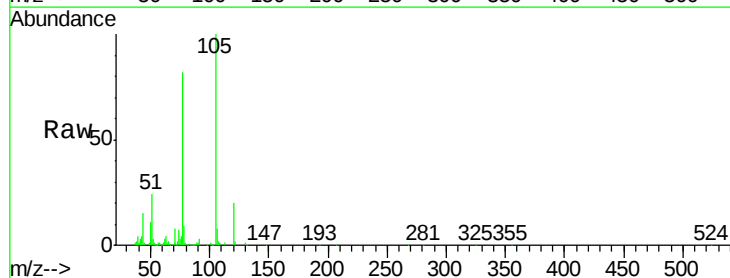


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

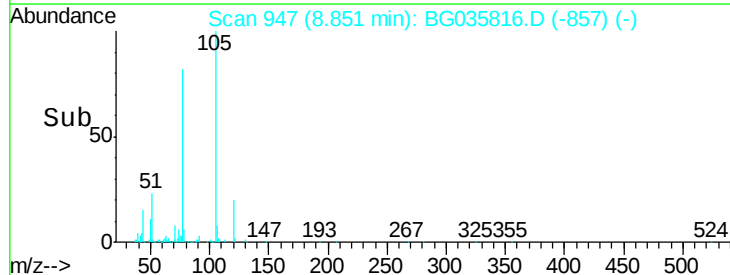
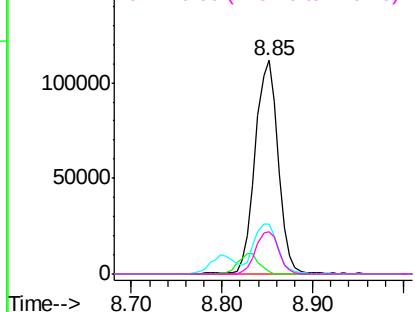


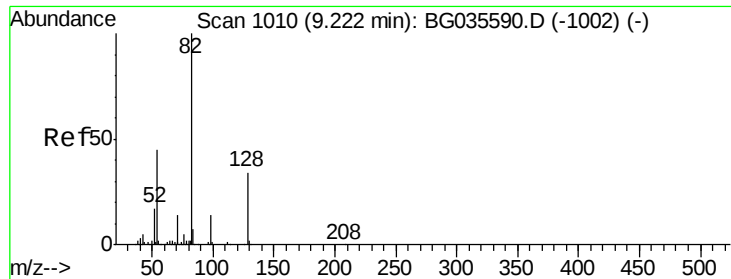
#22
Acetophenone
Concen: 42.130 ng
RT: 8.85 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

Tgt Ion:	105	Resp:	198150
Ion	Ratio	Lower	Upper
105	100		
71	1.0	3.0	4.4#
51	23.5	26.1	39.1#
120	19.8	17.4	26.2



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

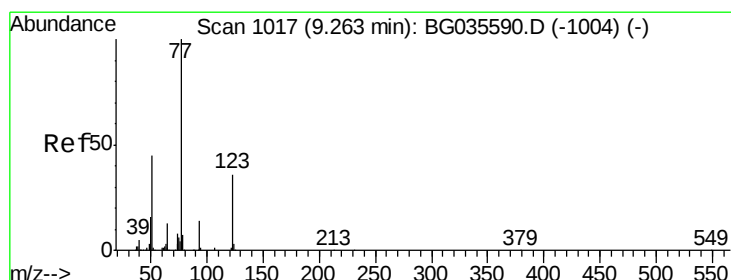
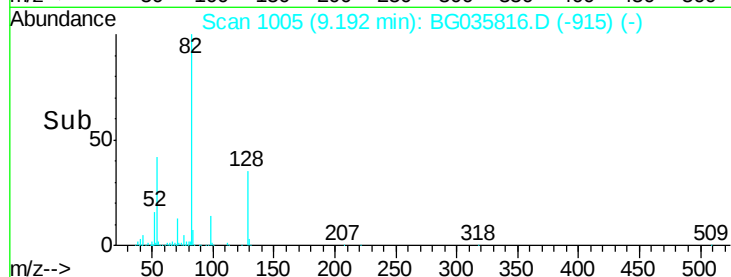
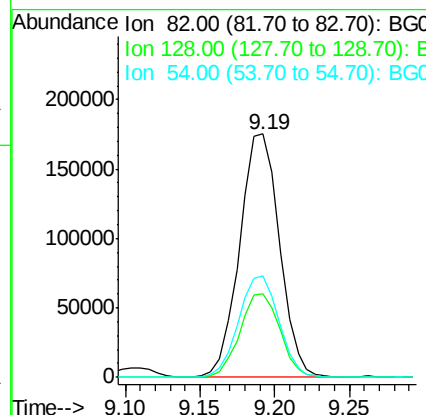
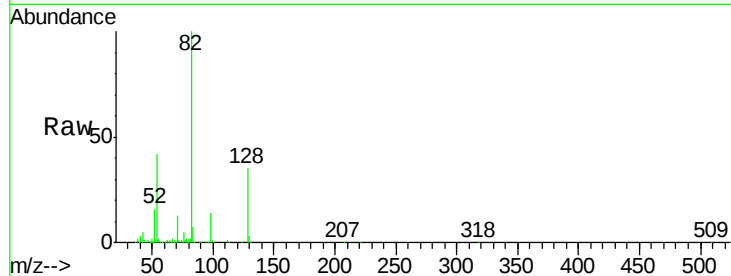




#23
 Nitrobenzene-d5
 Concen: 89.919 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

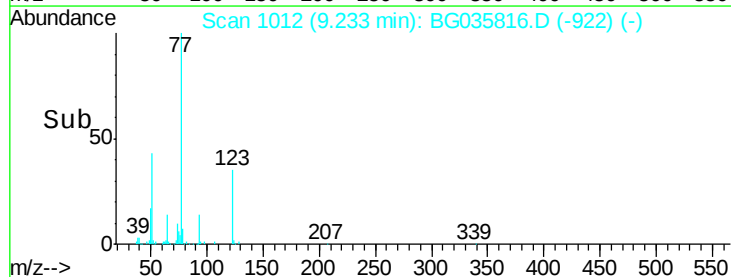
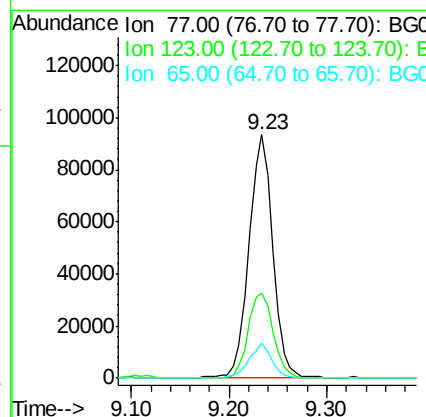
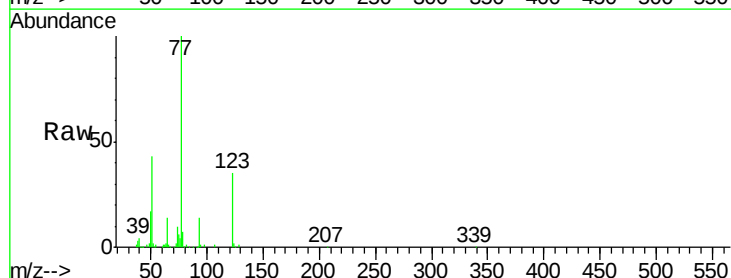
Instrument :
 BNA_G
 ClientSampleId :
 PB111321BS

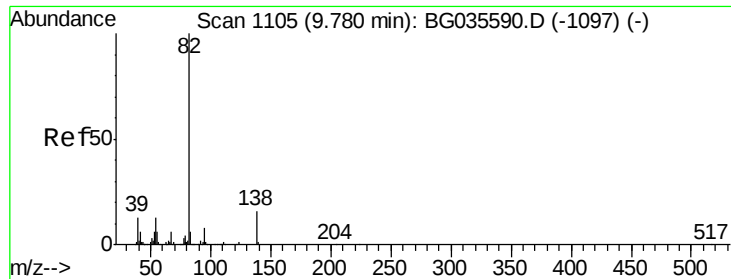
Tgt Ion: 82 Resp: 325552
 Ion Ratio Lower Upper
 82 100
 128 34.6 29.7 44.5
 54 41.9 43.1 64.7#



#24
 Nitrobenzene
 Concen: 43.841 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

Tgt Ion: 77 Resp: 159629
 Ion Ratio Lower Upper
 77 100
 123 34.9 33.0 49.6
 65 14.3 13.0 19.6





#25

Isophorone

Concen: 44.991 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

Instrument :

BNA_G

ClientSampleId :

PB111321BS

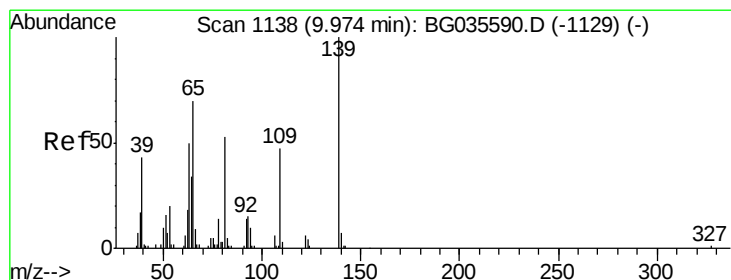
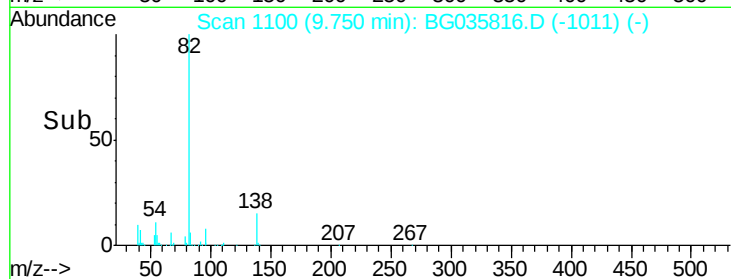
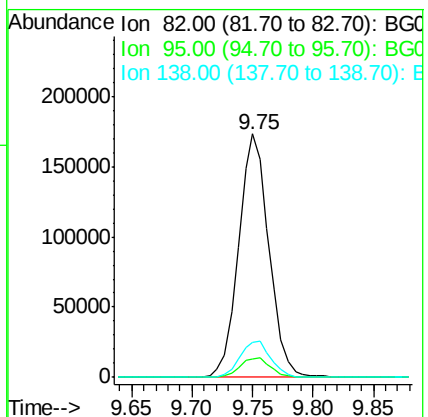
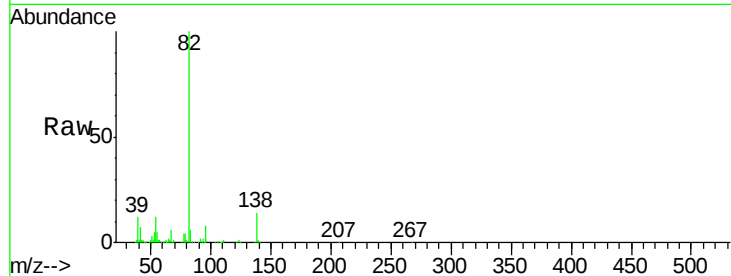
Tgt Ion: 82 Resp: 302378

Ion Ratio Lower Upper

82 100

95 7.6 6.2 9.2

138 14.5 12.1 18.1



#26

2-Nitrophenol

Concen: 51.871 ng

RT: 9.94 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

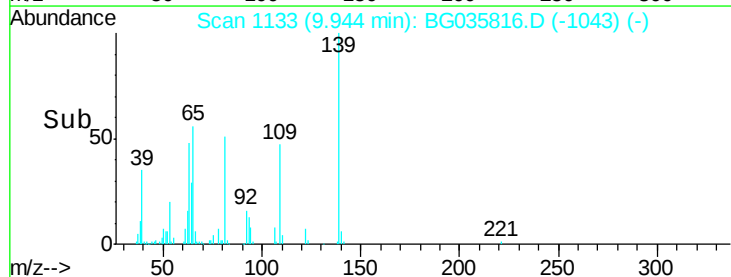
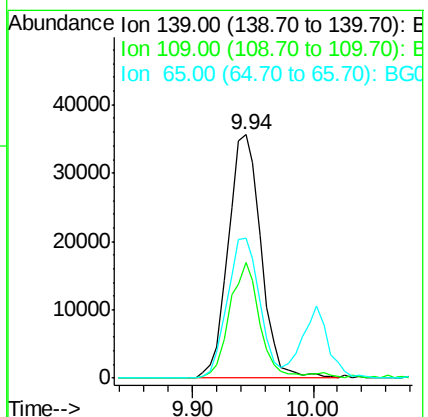
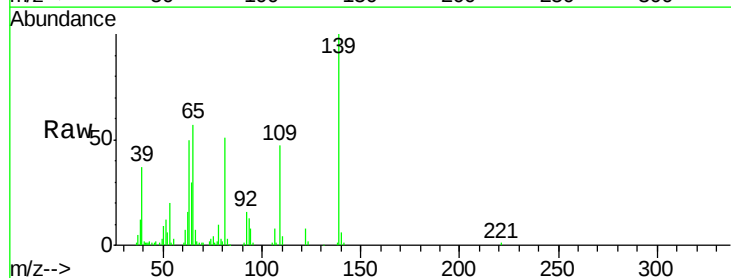
Tgt Ion: 139 Resp: 67077

Ion Ratio Lower Upper

139 100

109 47.3 24.2 36.2#

65 57.3 47.4 71.0

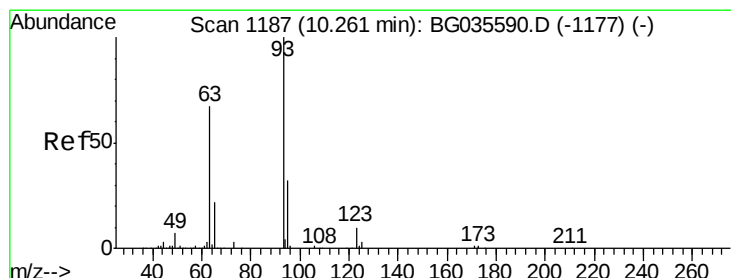
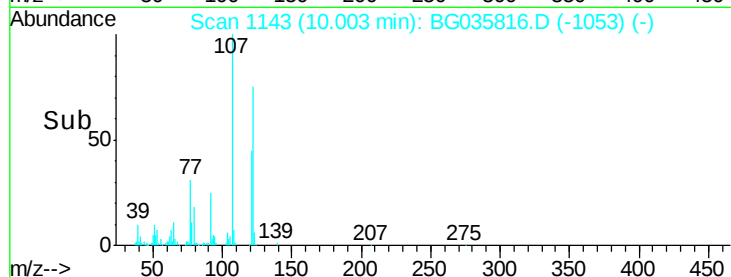
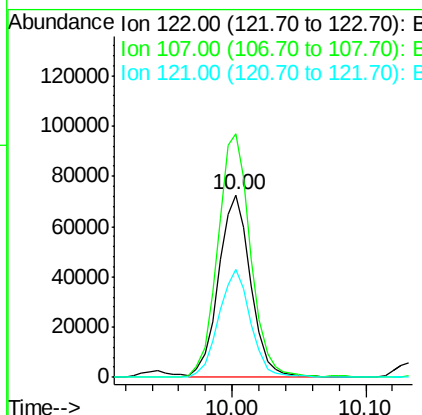
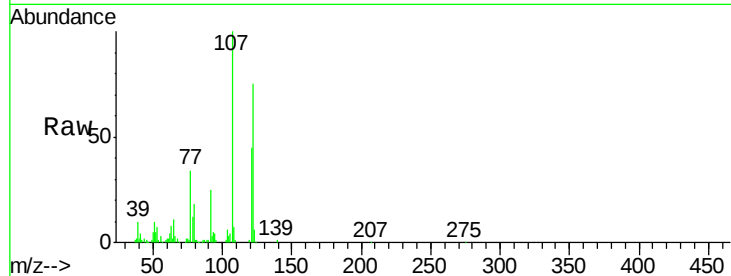




#27
2,4-Dimethylphenol
Concen: 55.672 ng
RT: 10.00 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

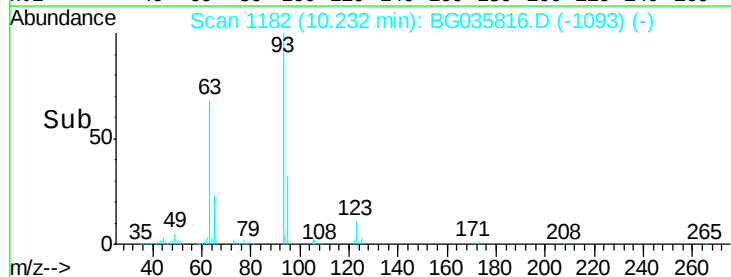
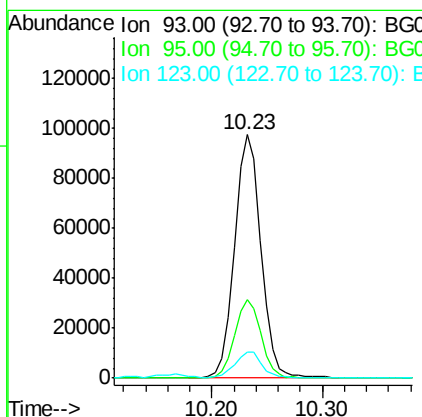
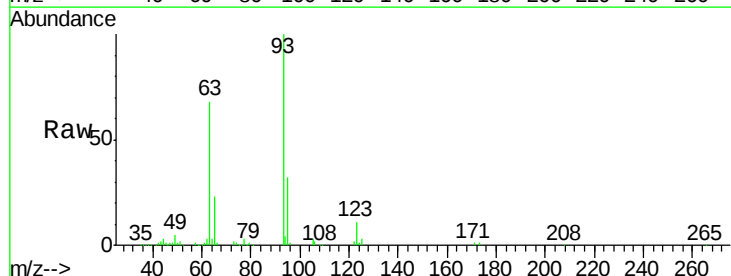
Instrument :
BNA_G
ClientSampleId :
PB111321BS

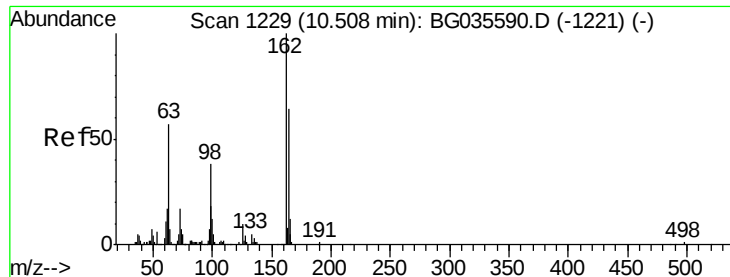
Tgt Ion:122 Resp: 121863
Ion Ratio Lower Upper
122 100
107 133.5 100.2 150.2
121 59.5 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.905 ng
RT: 10.23 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

Tgt Ion: 93 Resp: 162598
Ion Ratio Lower Upper
93 100
95 32.3 24.3 36.5
123 10.6 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 52.808 ng

RT: 10.48 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

Instrument :

BNA_G

ClientSampleId :

PB111321BS

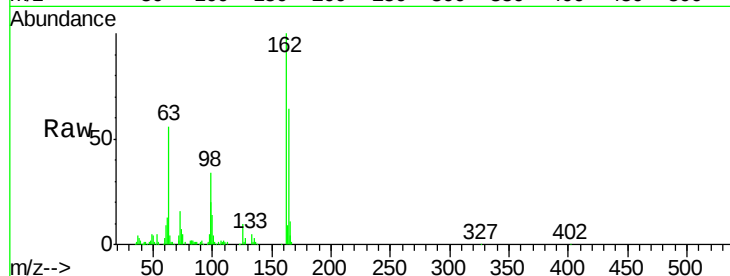
Tgt Ion:162 Resp: 131952

Ion Ratio Lower Upper

162 100

164 63.9 48.0 88.0

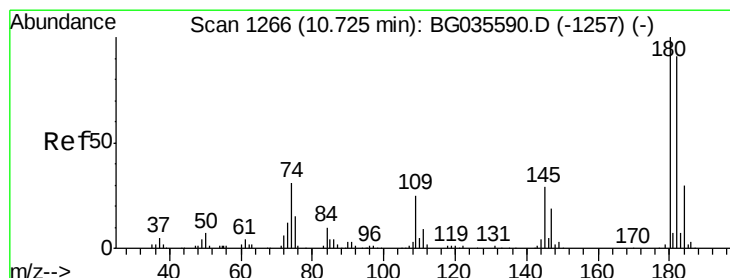
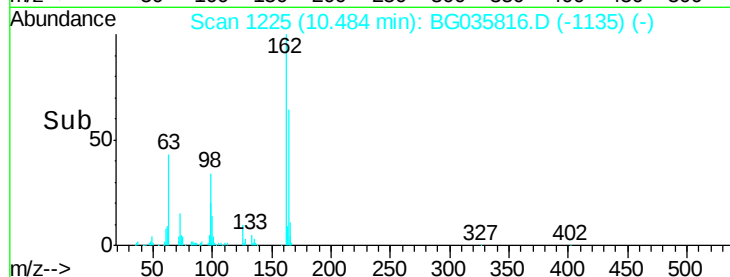
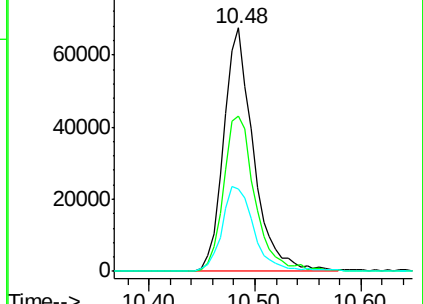
98 34.0 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 47.285 ng

RT: 10.69 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

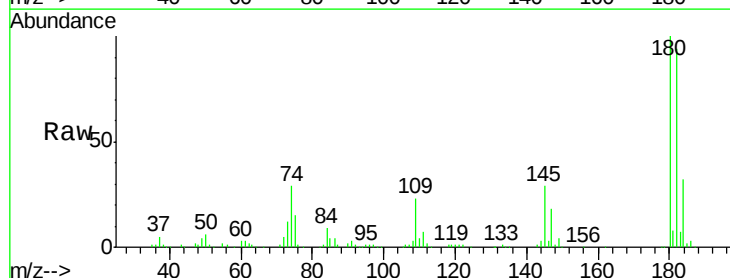
Tgt Ion:180 Resp: 144879

Ion Ratio Lower Upper

180 100

182 93.9 77.5 116.3

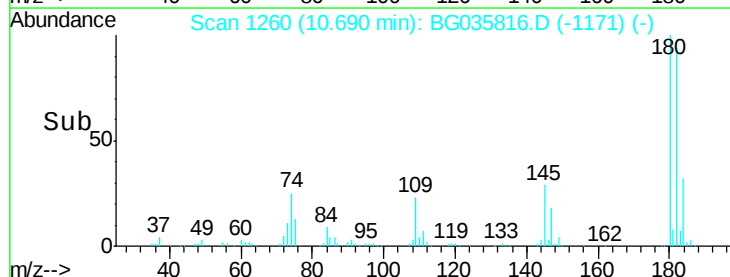
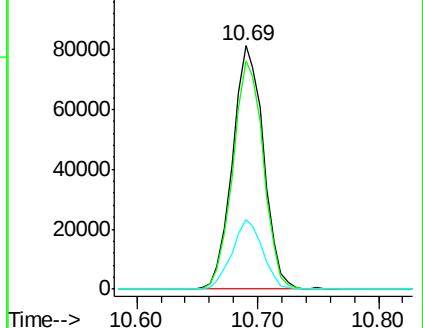
145 28.6 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

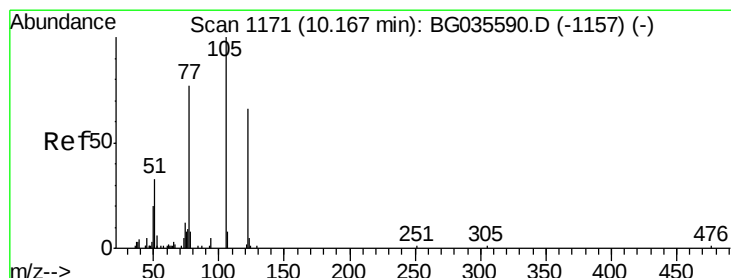
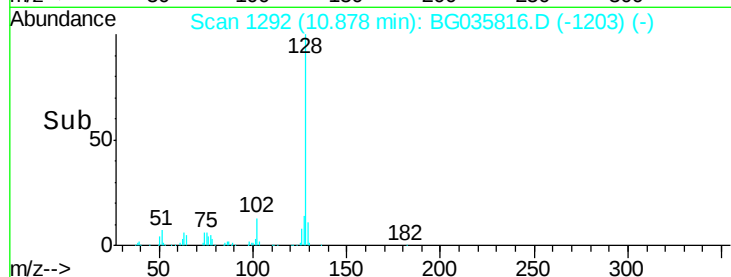
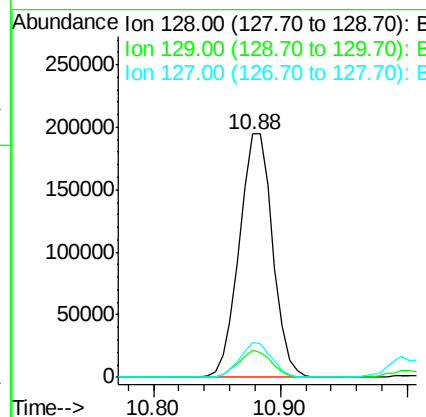
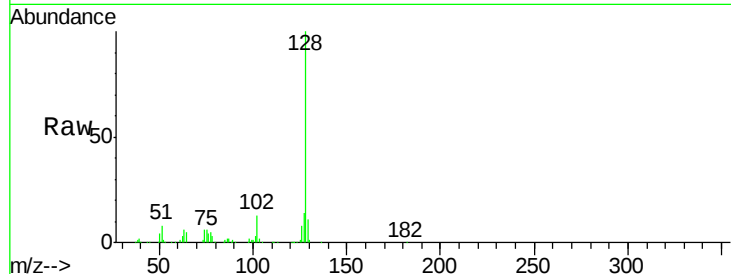




#31
Naphthalene
Concen: 44.894 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

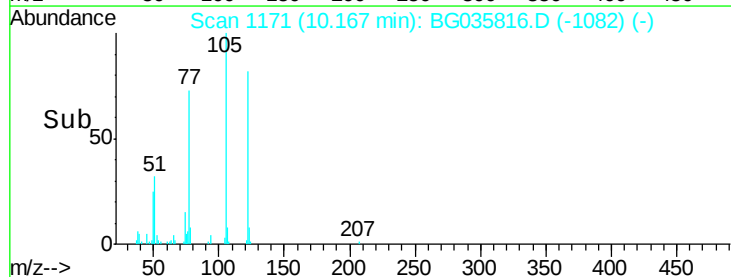
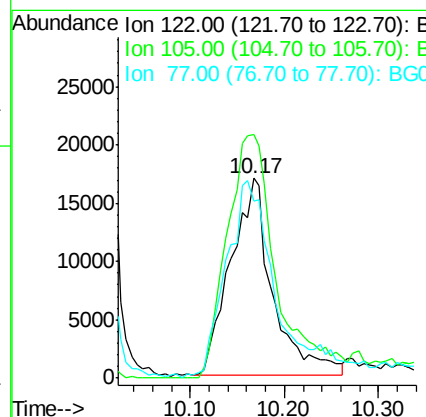
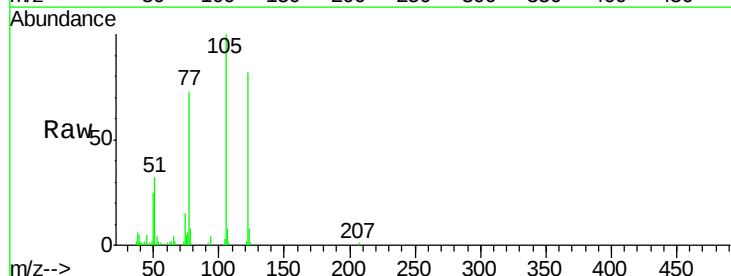
Instrument :
BNA_G
ClientSampleId :
PB111321BS

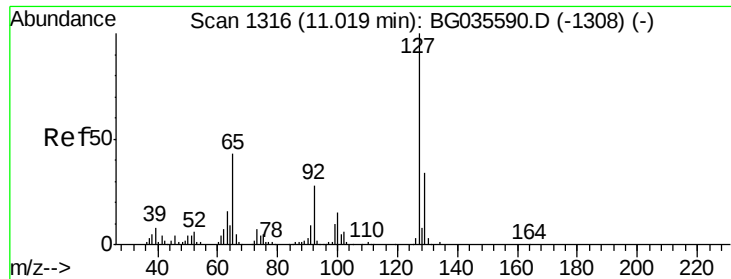
Tgt Ion:	128	Resp:	353695
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	14.1	11.6	17.4



#32
Benzoic acid
Concen: 35.920 ng
RT: 10.17 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

Tgt Ion:	122	Resp:	52930
Ion	Ratio	Lower	Upper
122	100		
105	122.0	123.5	163.5#
77	88.8	85.7	125.7

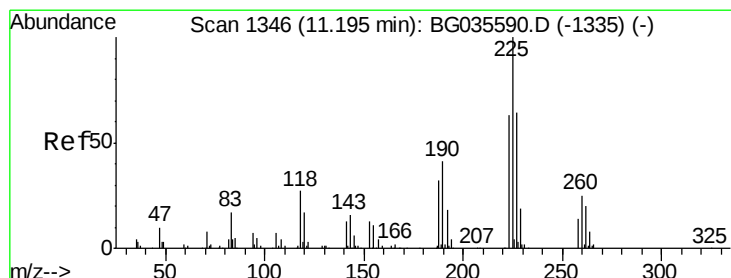
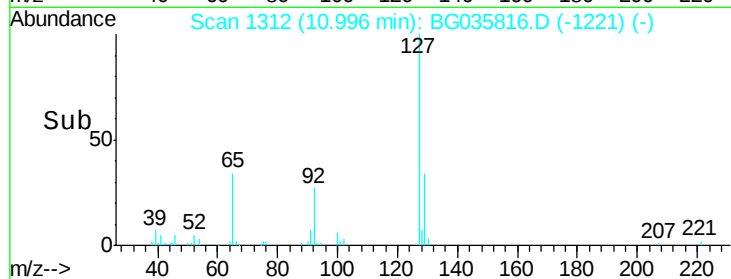
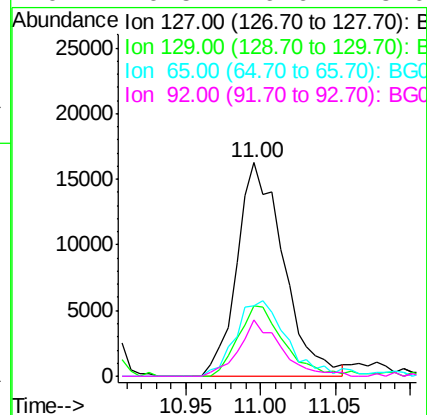
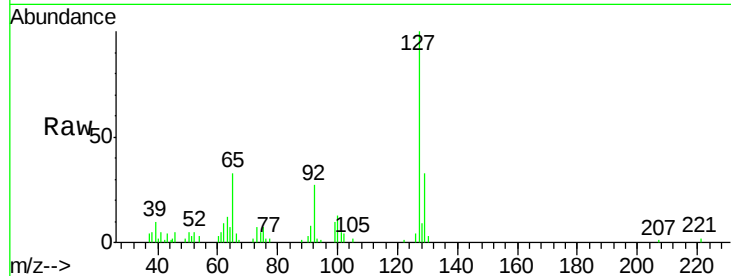




#33
4-Chloroaniline
Concen: 10.249 ng
RT: 11.00 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

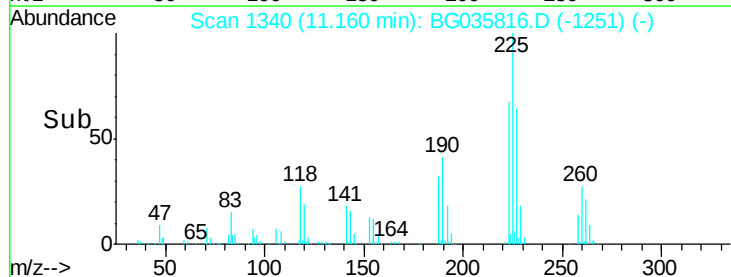
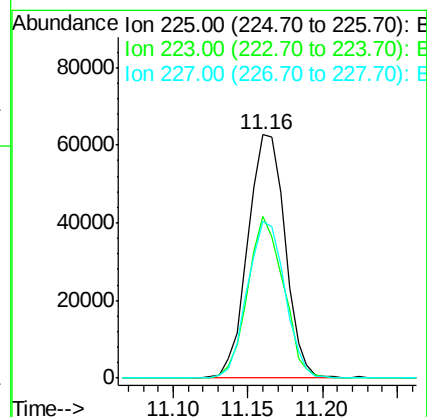
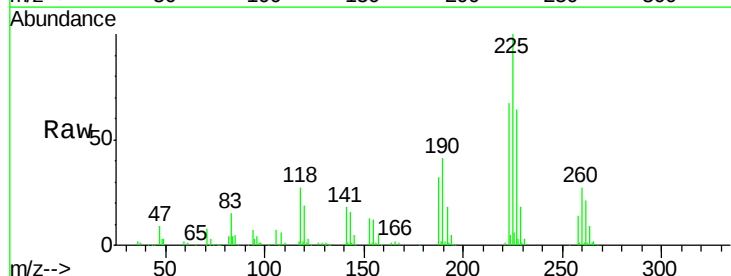
Instrument :
BNA_G
ClientSampleId :
PB111321BS

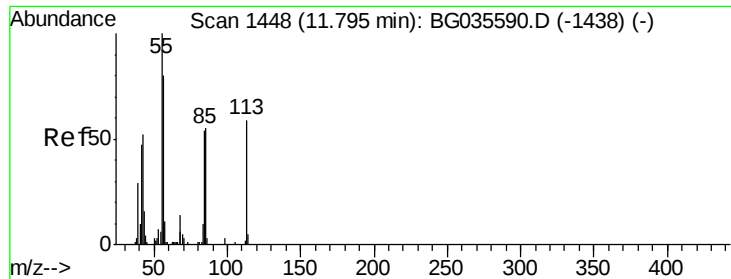
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.9	24.0	36.0
65	33.2	27.0	40.4
92	26.5	16.6	25.0



#34
Hexachlorobutadiene
Concen: 45.172 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.6	49.7	74.5
227	64.5	48.1	72.1





#35

Caprolactam

Concen: 24.478 ng

RT: 11.77 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

Instrument :

BNA_G

ClientSampleId :

PB111321BS

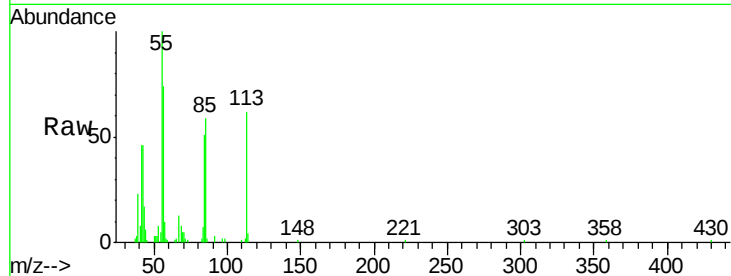
Tgt Ion:113 Resp: 26247

Ion Ratio Lower Upper

113 100

55 160.4 186.9 226.9#

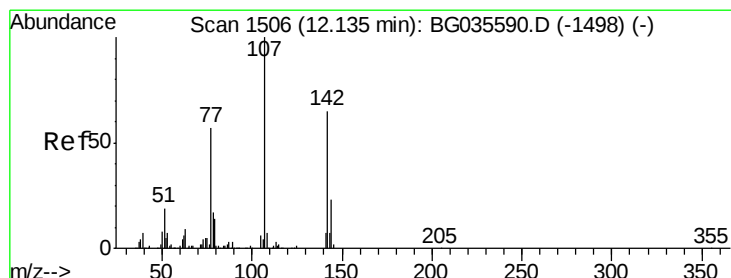
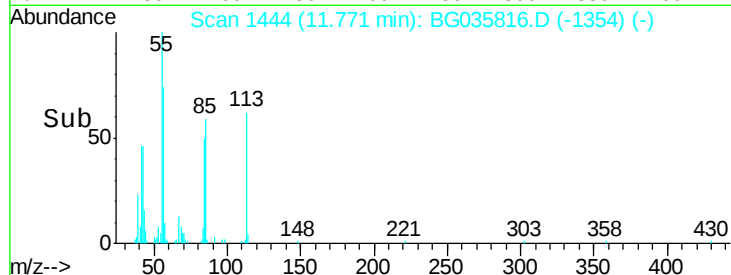
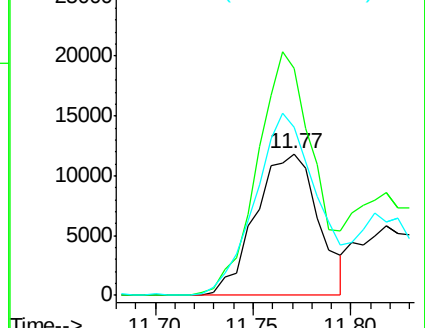
56 118.9 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG035590.D (-1438) (-)

Ion 56.00 (55.70 to 56.70): BG035590.D (-1438) (-)



#36

4-Chloro-3-methylphenol

Concen: 49.098 ng

RT: 12.11 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

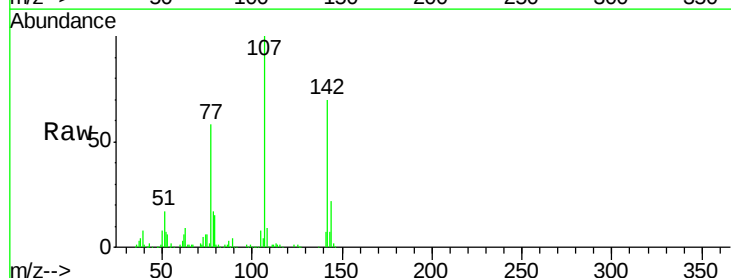
Tgt Ion:107 Resp: 164441

Ion Ratio Lower Upper

107 100

144 22.2 18.2 27.4

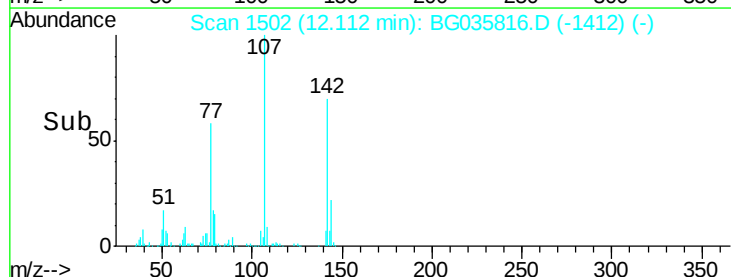
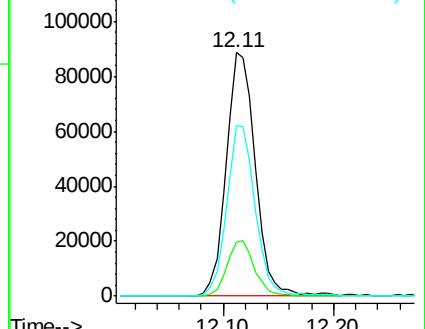
142 70.2 59.0 88.4

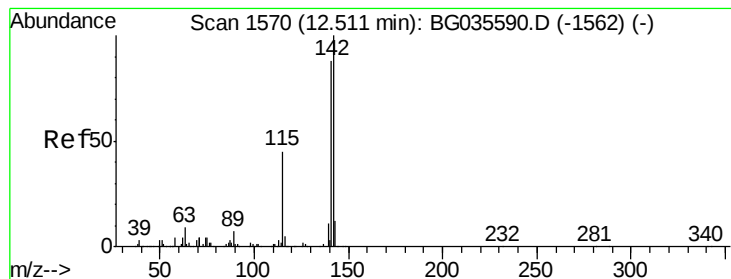


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.006 ng

RT: 12.48 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

Instrument :

BNA_G

ClientSampleId :

PB111321BS

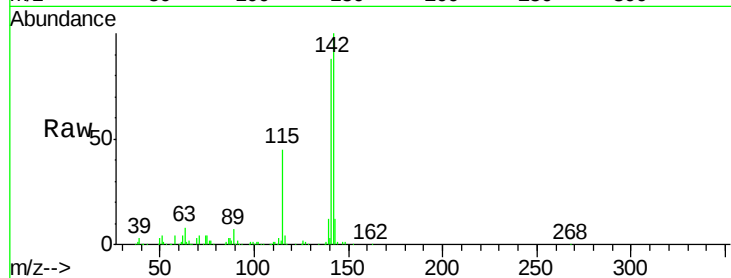
Tgt Ion:142 Resp: 275905

Ion Ratio Lower Upper

142 100

141 88.3 67.1 100.7

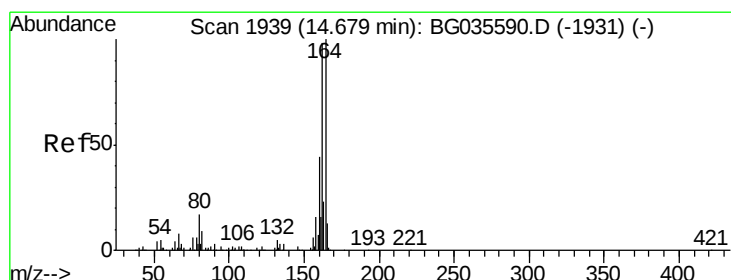
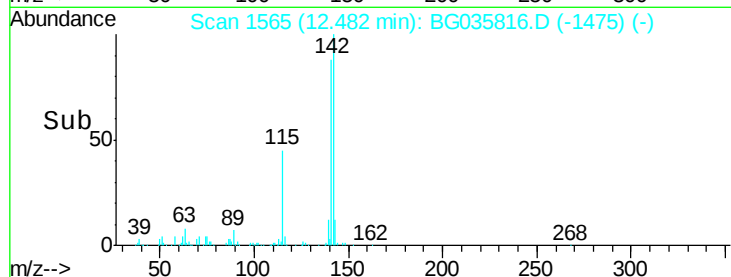
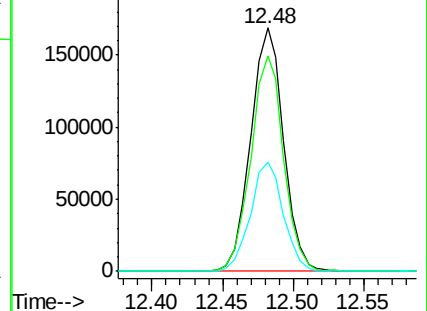
115 44.7 30.7 46.1



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: BG035816.D

Acq: 21 Jul 2018 12:19

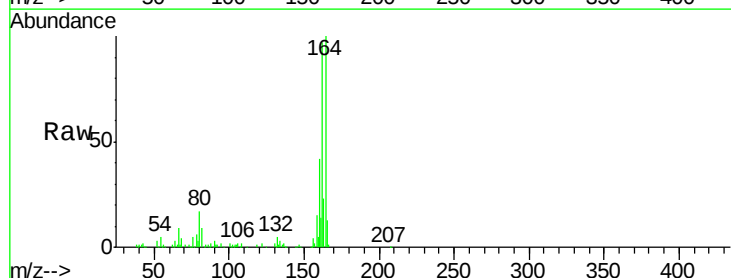
Tgt Ion:164 Resp: 109982

Ion Ratio Lower Upper

164 100

162 97.3 78.8 118.2

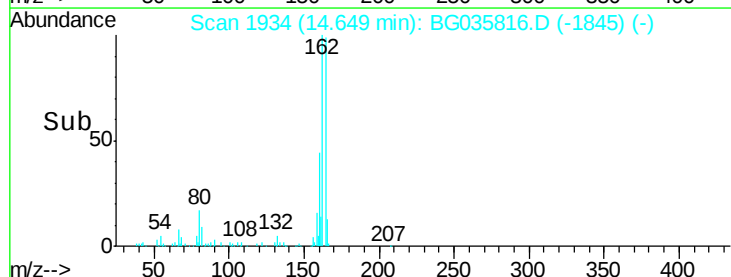
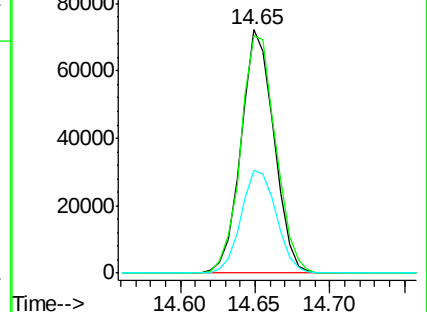
160 42.4 35.4 53.0

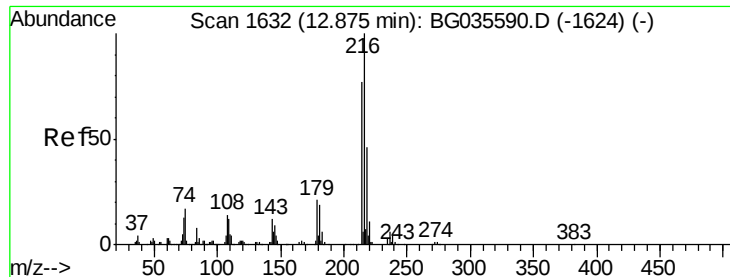


Abundance Ion 164.00 (163.70 to 164.70): E

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: 45.882 ng

RT: 12.85 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

Instrument :

BNA_G

ClientSampleId :

PB111321BS

Tgt Ion:216 Resp: 190460

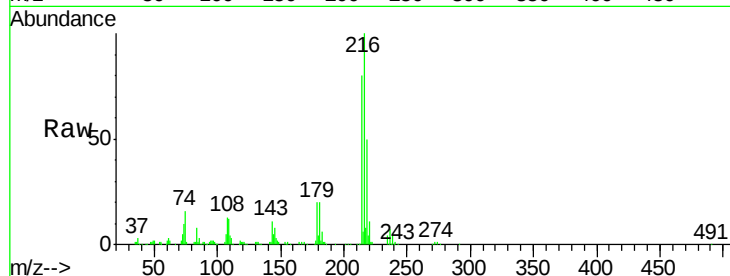
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 19.8 17.0 25.6

108 16.6 12.8 19.2

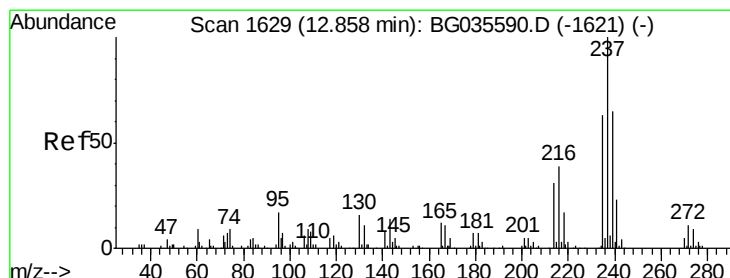
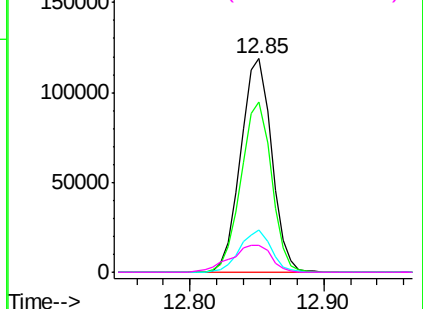
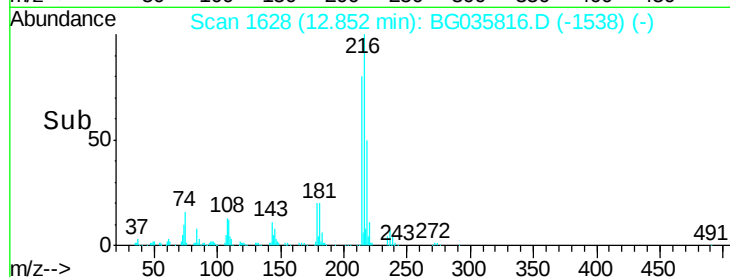


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 114.021 ng

RT: 12.83 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

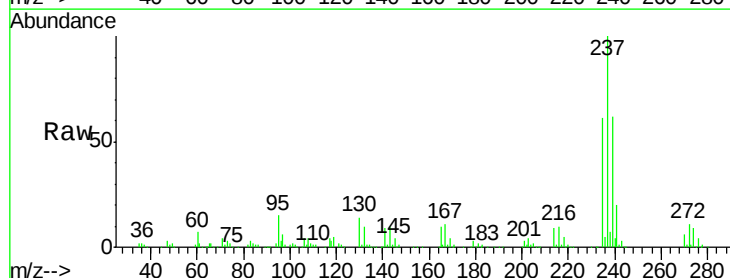
Tgt Ion:237 Resp: 248225

Ion Ratio Lower Upper

237 100

235 60.8 50.4 90.4

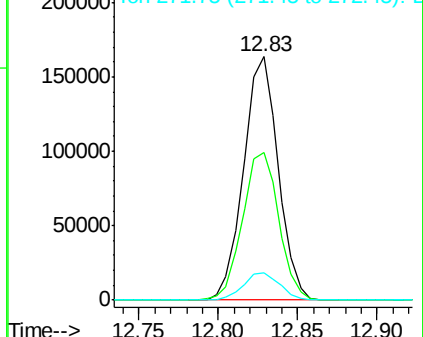
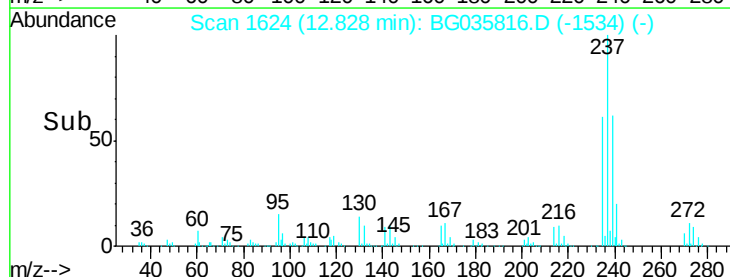
272 11.3 0.0 31.8



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

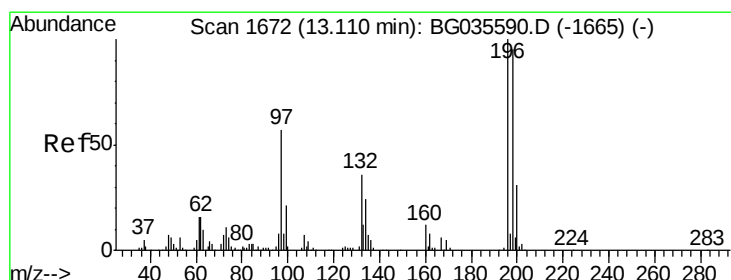
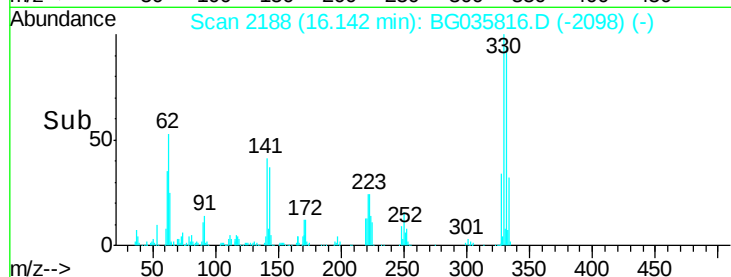
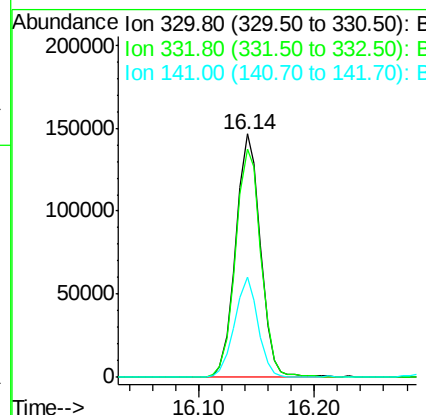
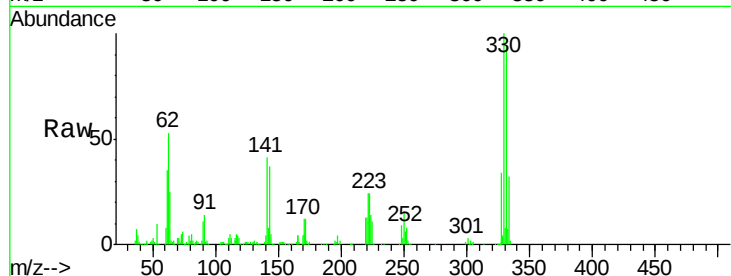




#41
 2,4,6-Tribromophenol
 Concen: 150.199 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

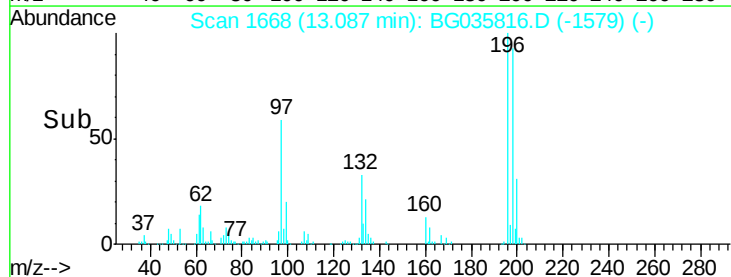
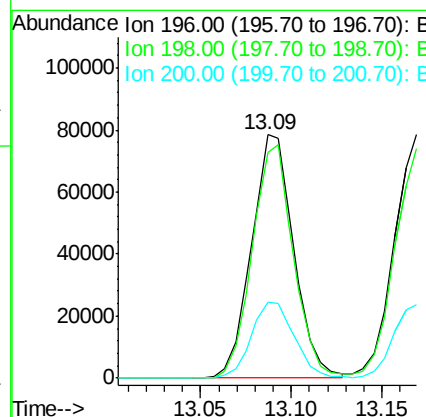
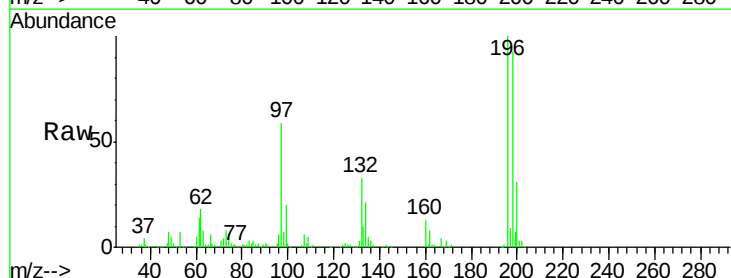
Instrument :
 BNA_G
 ClientSampleId :
 PB111321BS

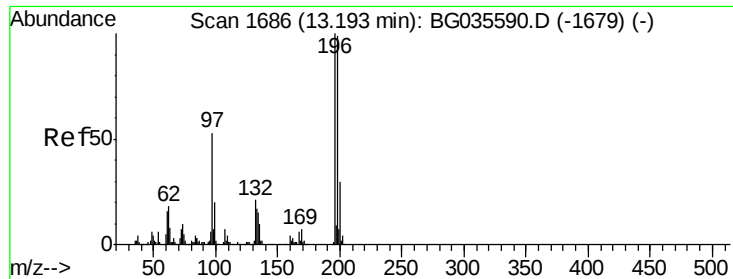
Tgt Ion:330 Resp: 217733
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 39.0 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 52.464 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

Tgt Ion:196 Resp: 127361
 Ion Ratio Lower Upper
 196 100
 198 92.8 78.2 117.2
 200 31.0 24.6 36.8

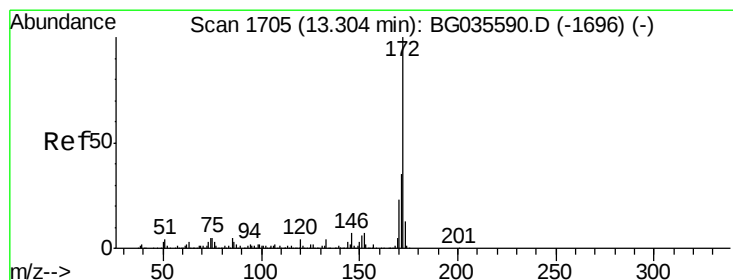
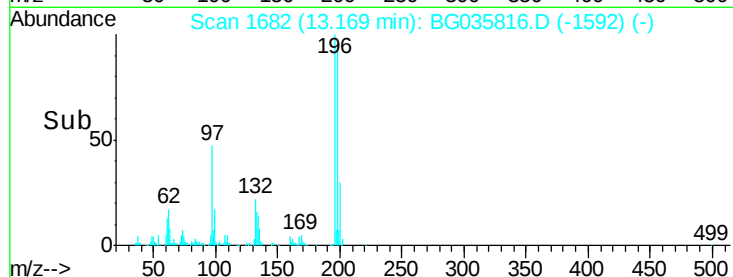
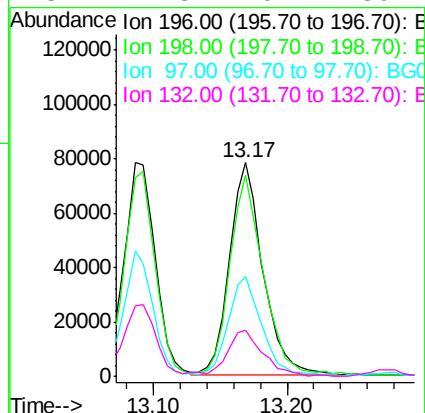
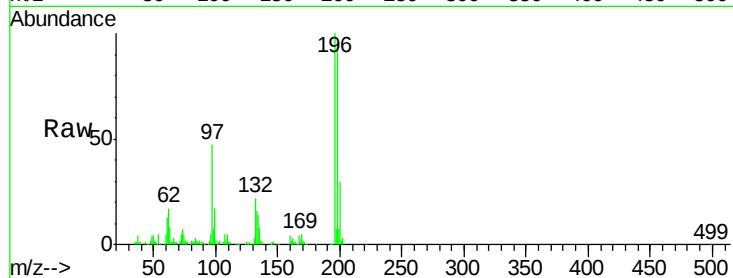




#43
 2,4,5-Trichlorophenol
 Concen: 50.042 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

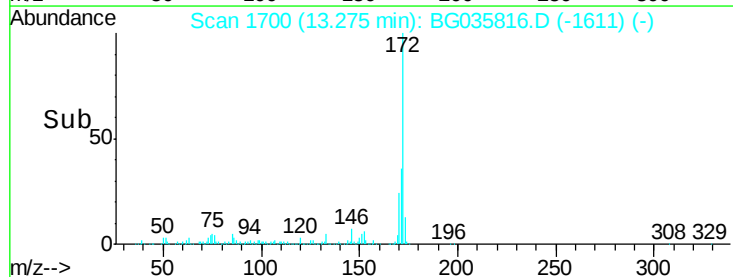
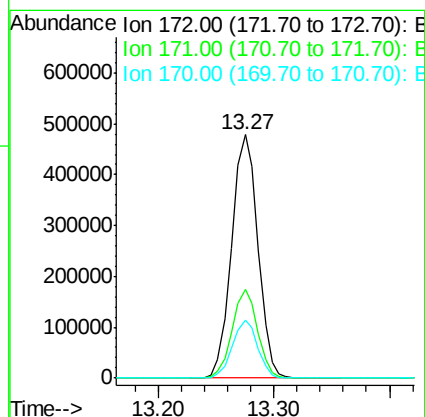
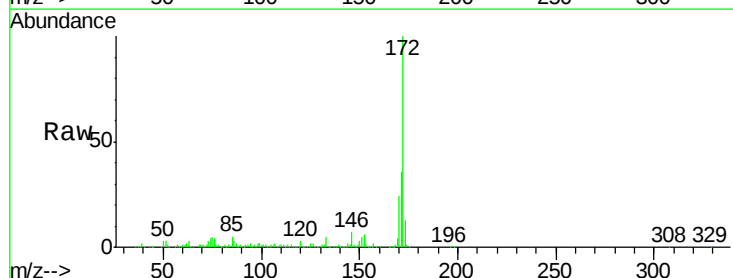
Instrument :
 BNA_G
 ClientSampleId :
 PB111321BS

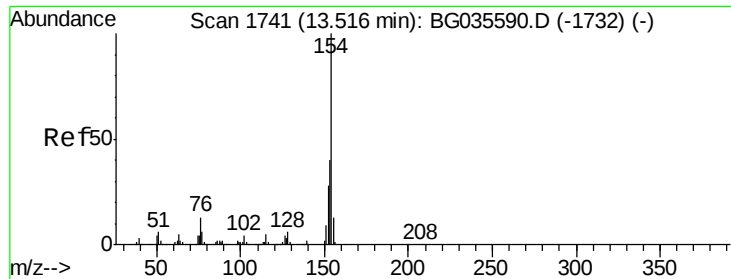
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	76.2	114.4
97	47.0	38.7	58.1
132	21.8	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 91.377 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	23.8	19.5	29.3

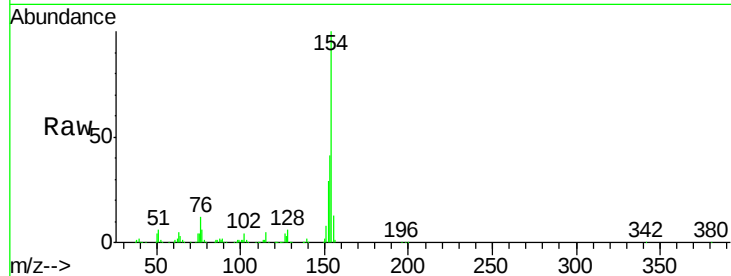




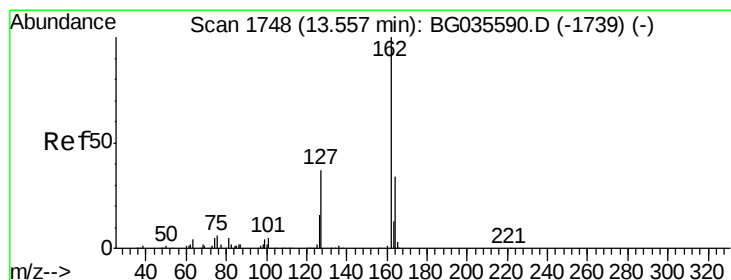
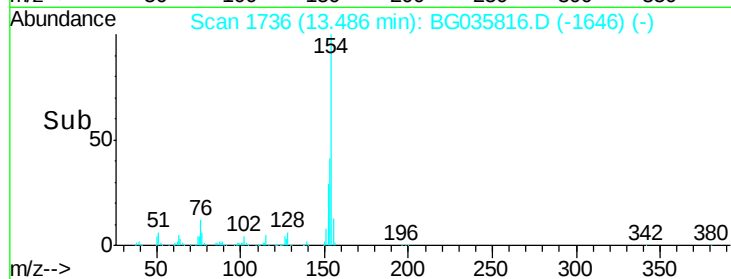
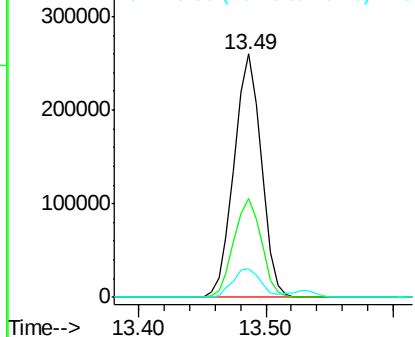
#45
 1,1'-Biphenyl
 Concen: 45.346 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

Instrument :
 BNA_G
 ClientSampleId :
 PB111321BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	19.8	59.8
76	11.6	0.0	31.9

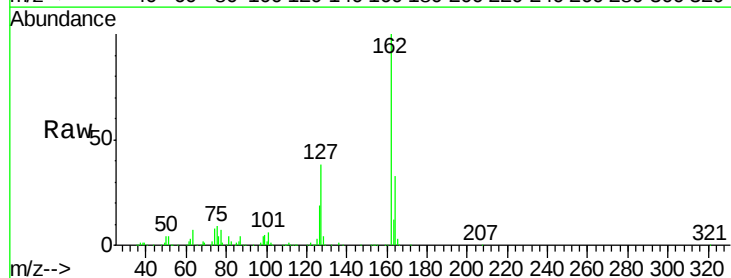


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

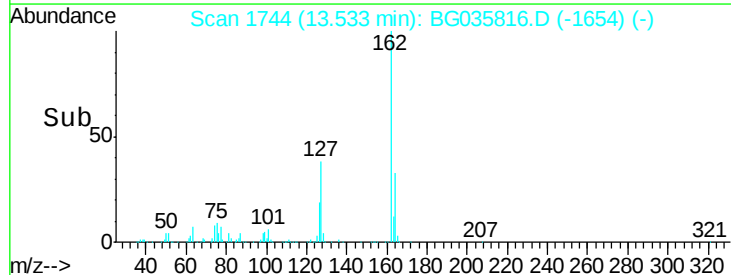
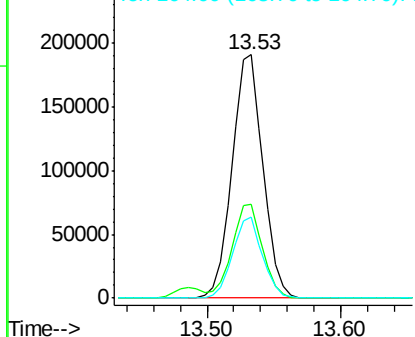


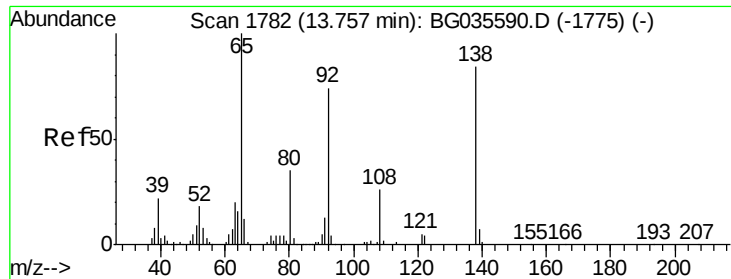
#46
 2-Chloronaphthalene
 Concen: 46.132 ng
 RT: 13.53 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.5	30.7	46.1
164	33.1	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.403 ng

RT: 13.73 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

Instrument :

BNA_G

ClientSampleId :

PB111321BS

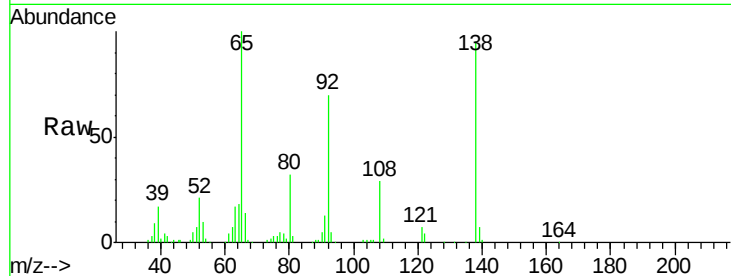
Tgt Ion: 65 Resp: 101773

Ion Ratio Lower Upper

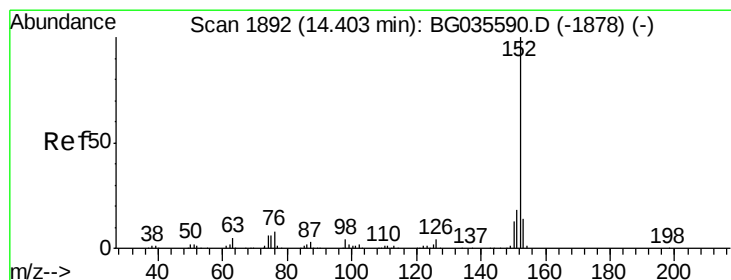
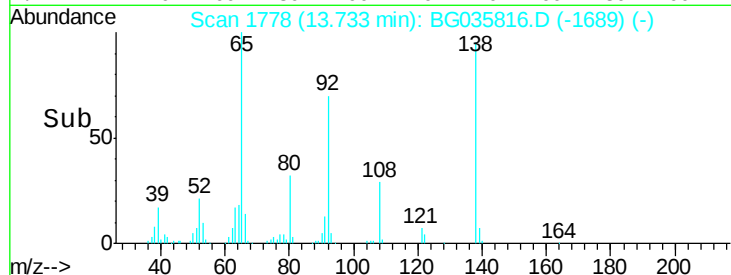
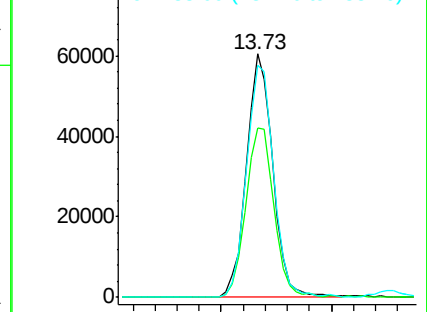
65 100

92 69.6 54.6 82.0

138 95.4 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 45.800 ng

RT: 14.37 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

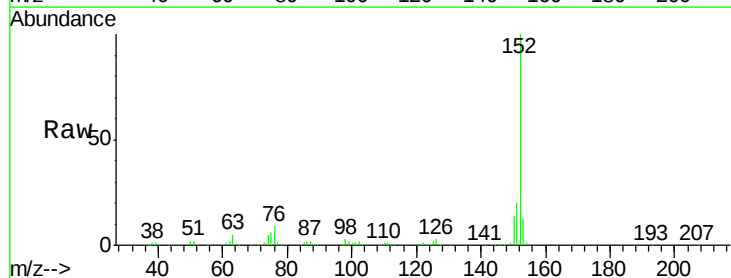
Tgt Ion: 152 Resp: 508850

Ion Ratio Lower Upper

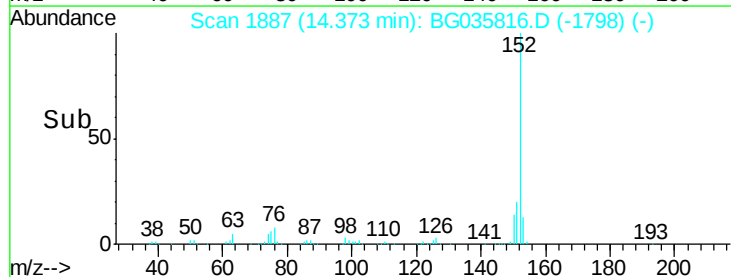
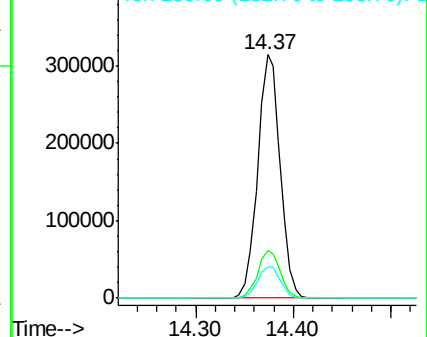
152 100

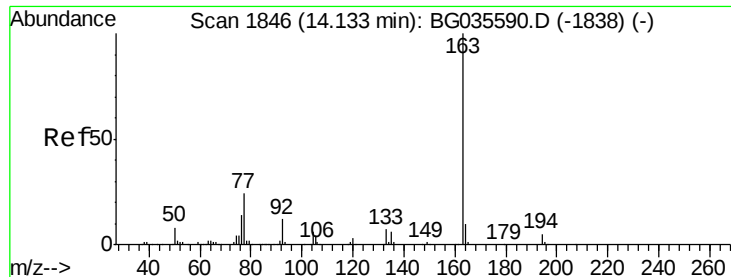
151 19.7 17.2 25.8

153 12.6 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 43.347 ng

RT: 14.11 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

Instrument :

BNA_G

ClientSampleId :

PB111321BS

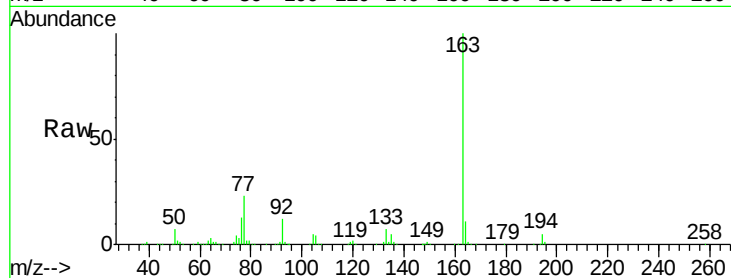
Tgt Ion:163 Resp: 417692

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

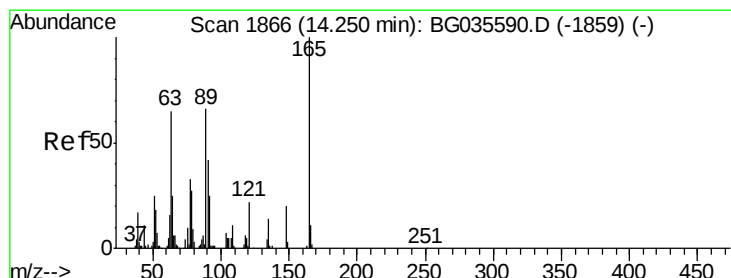
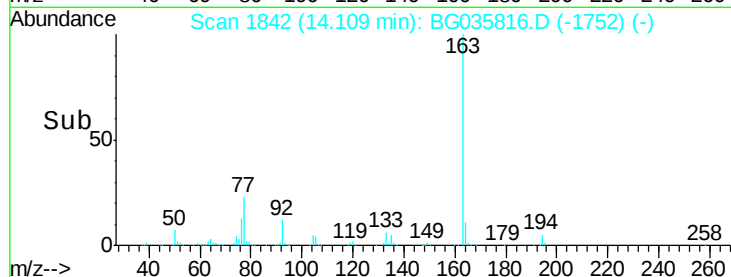
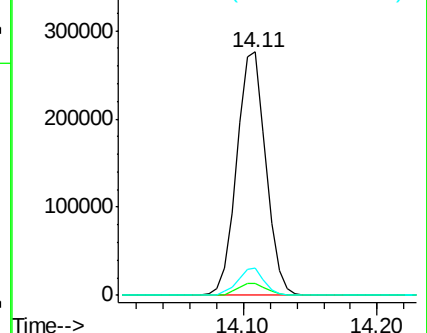
164 11.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.510 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

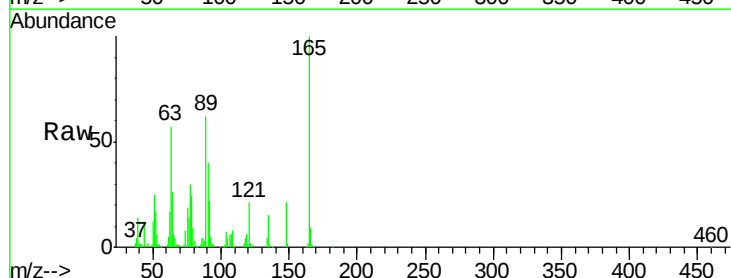
Tgt Ion:165 Resp: 97152

Ion Ratio Lower Upper

165 100

63 57.4 52.7 79.1

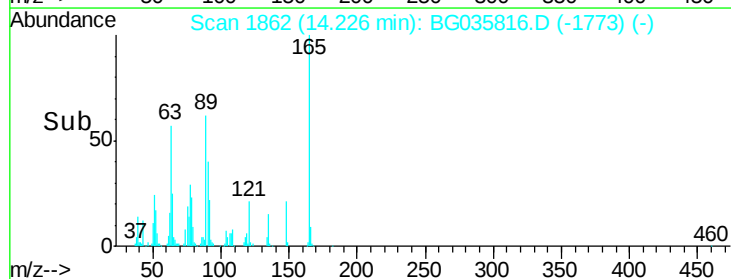
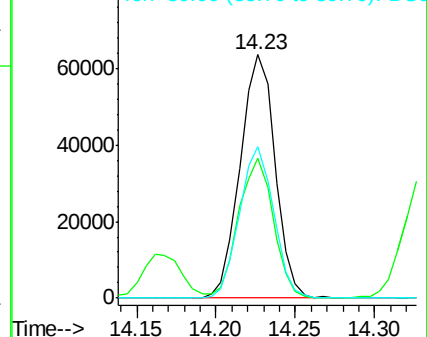
89 62.5 49.2 73.8

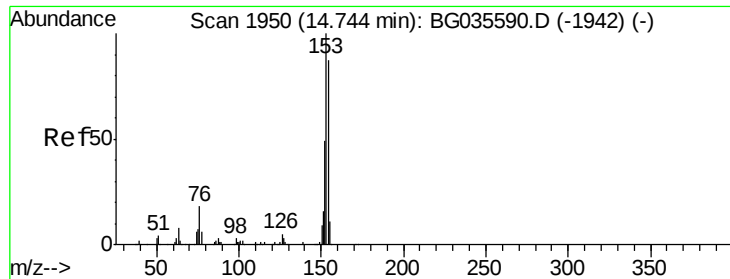


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 42.770 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

Instrument :

BNA_G

ClientSampleId :

PB111321BS

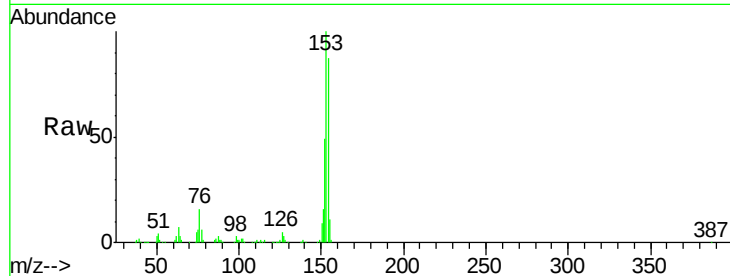
Tgt Ion:154 Resp: 296013

Ion Ratio Lower Upper

154 100

153 115.5 90.4 135.6

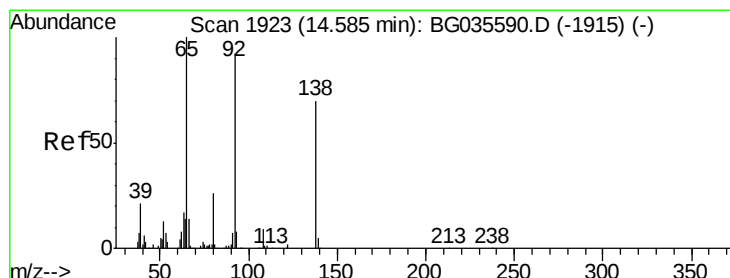
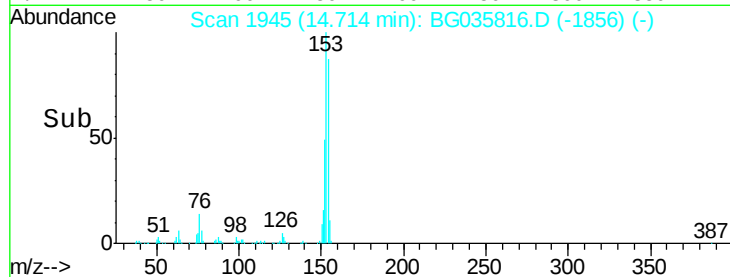
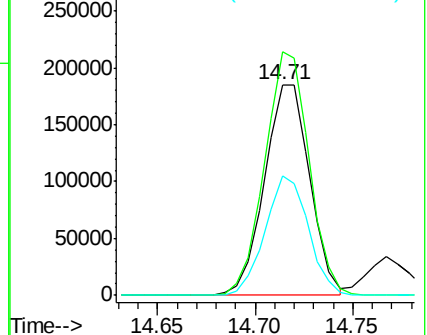
152 56.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.977 ng

RT: 14.56 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

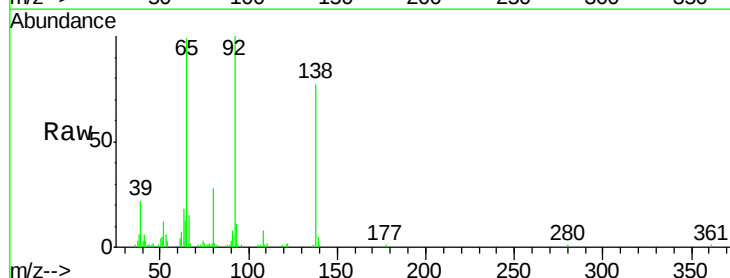
Tgt Ion:138 Resp: 38060

Ion Ratio Lower Upper

138 100

108 9.9 17.5 26.3#

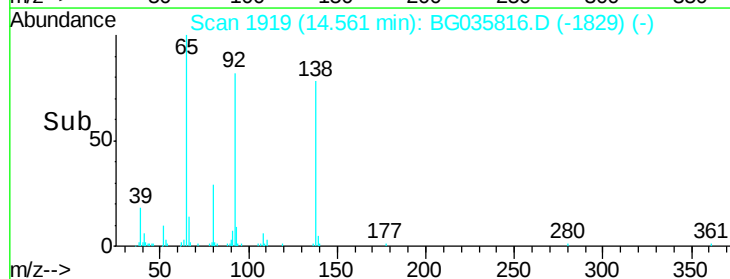
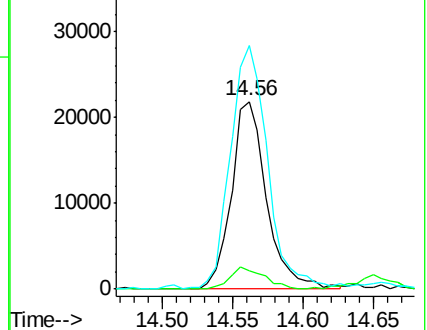
92 129.6 105.8 158.8

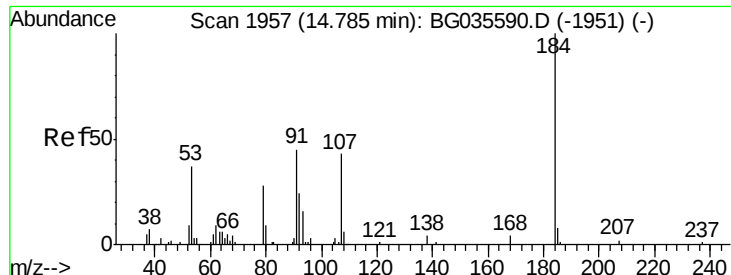


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

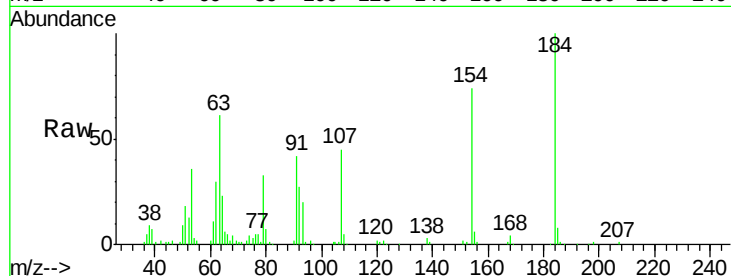




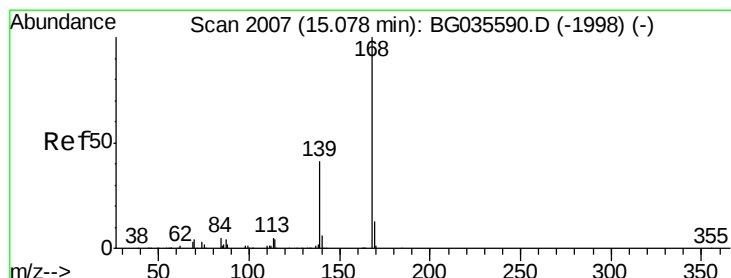
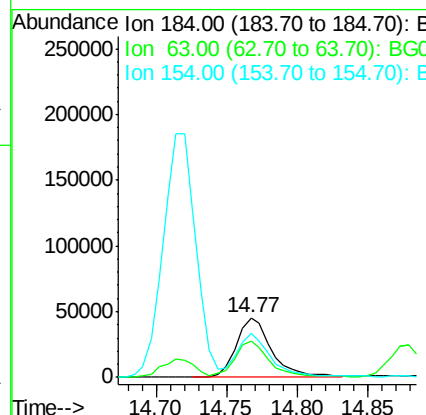
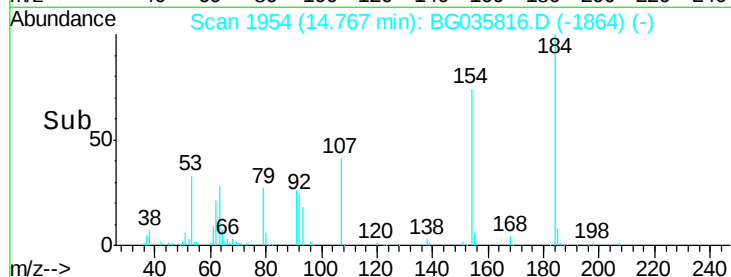
#53
 2,4-Dinitrophenol
 Concen: 78.486 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

Instrument :
 BNA_G
 ClientSampleId :
 PB111321BS

Tgt Ion:184 Resp: 79061
 Ion Ratio Lower Upper
 184 100
 63 61.1 59.8 89.8
 154 73.9 101.8 152.8#

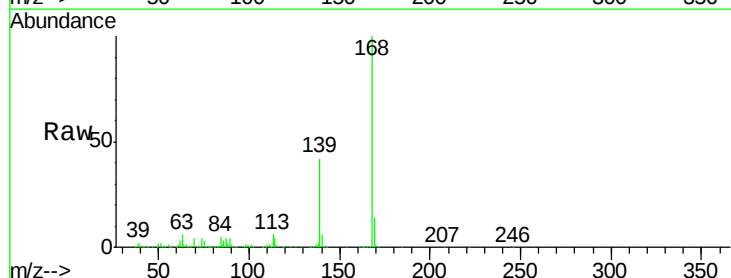


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

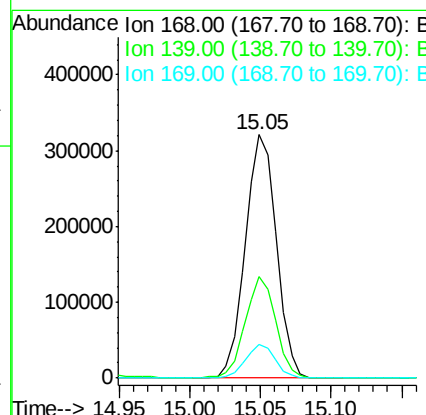
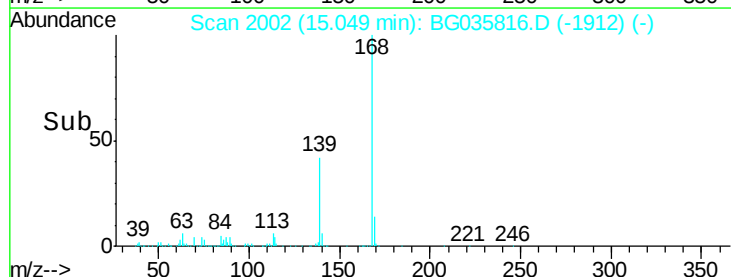


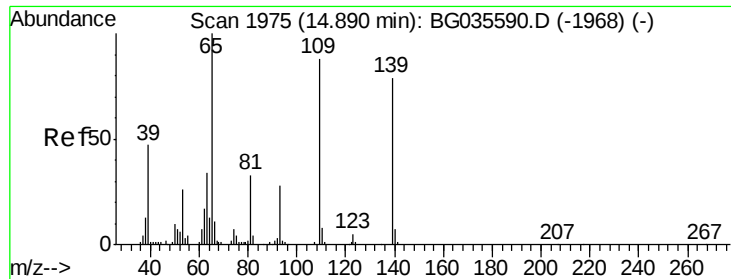
#54
 Dibenzofuran
 Concen: 45.033 ng
 RT: 15.05 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

Tgt Ion:168 Resp: 495679
 Ion Ratio Lower Upper
 168 100
 139 41.5 28.6 43.0
 169 14.1 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

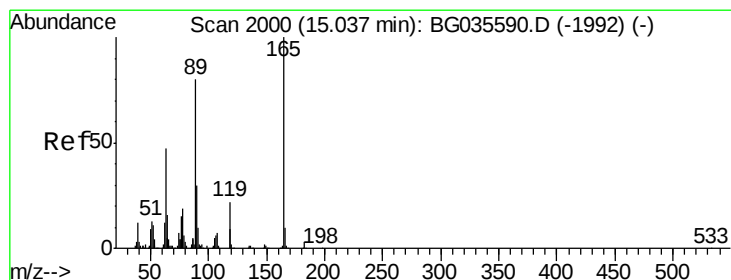
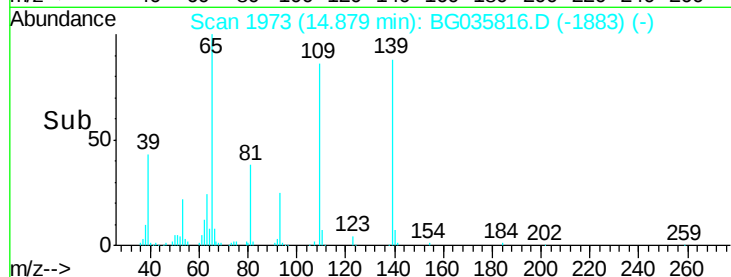
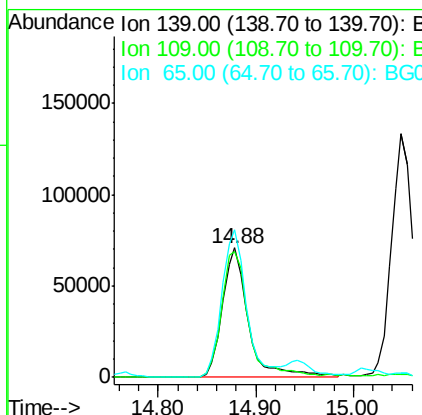
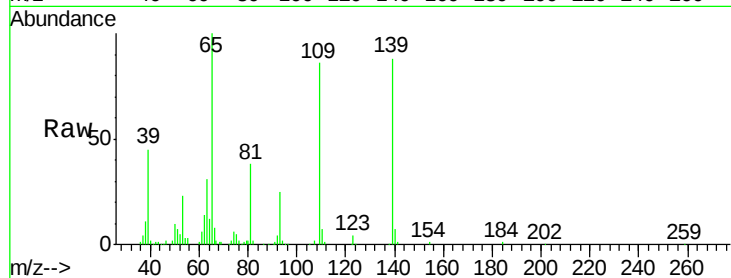




#55
4-Nitrophenol
Concen: 91.930 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

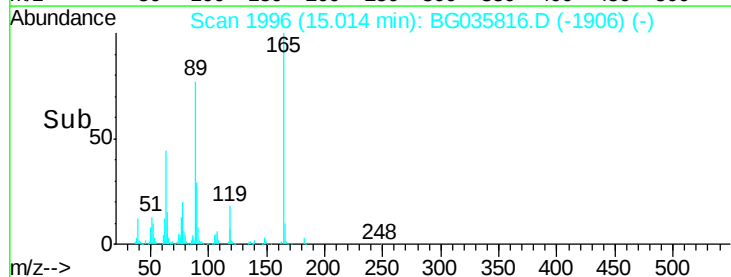
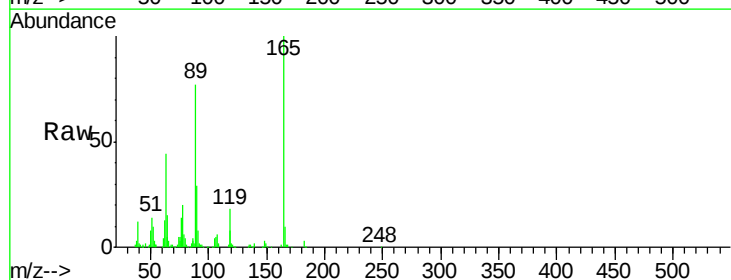
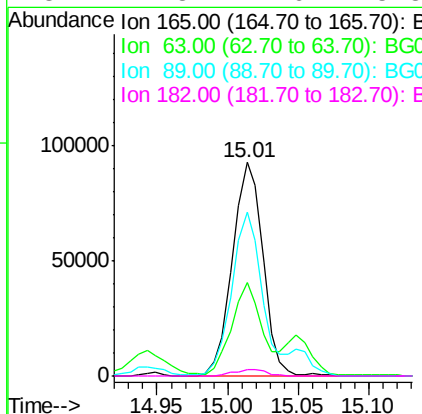
Instrument :
BNA_G
ClientSampleId :
PB111321BS

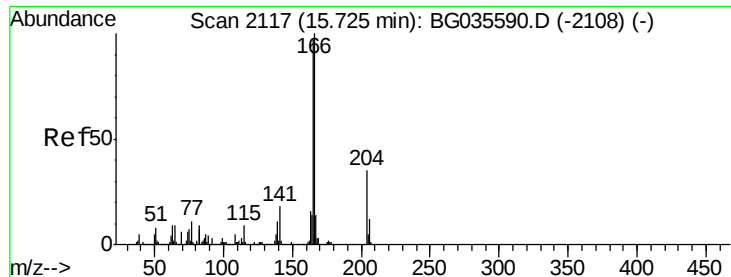
Tgt Ion:139 Resp: 131303
Ion Ratio Lower Upper
139 100
109 97.9 62.2 102.2
65 114.1 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 49.666 ng
RT: 15.01 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

Tgt Ion:165 Resp: 139815
Ion Ratio Lower Upper
165 100
63 44.0 42.0 63.0
89 76.7 66.9 100.3
182 2.8 2.6 3.8

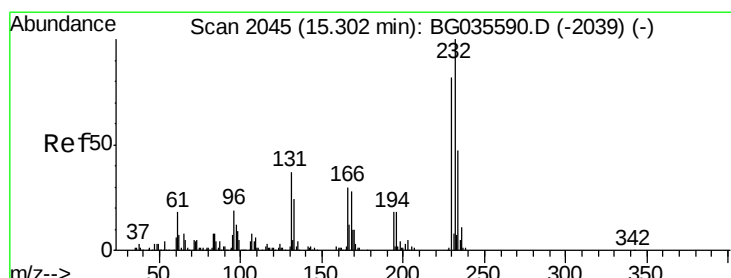
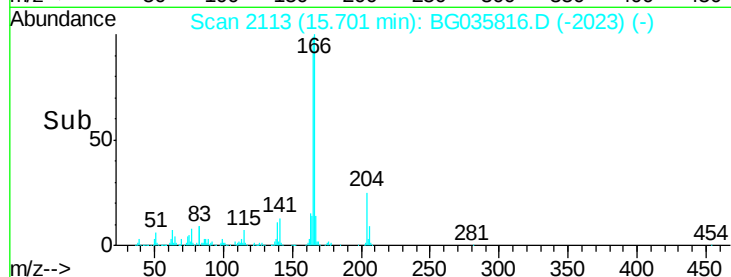
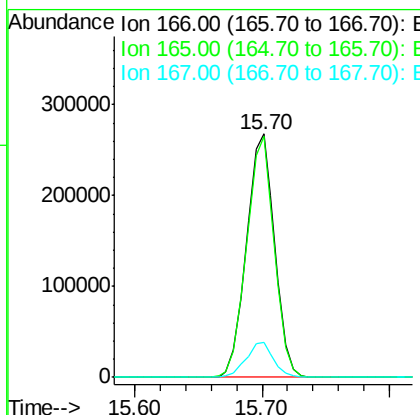
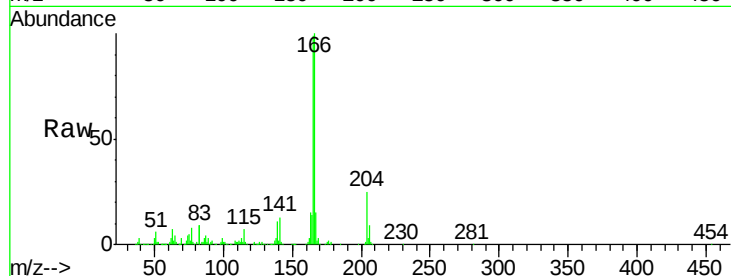




#57
Fluorene
 Concen: 44.714 ng
 RT: 15.70 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

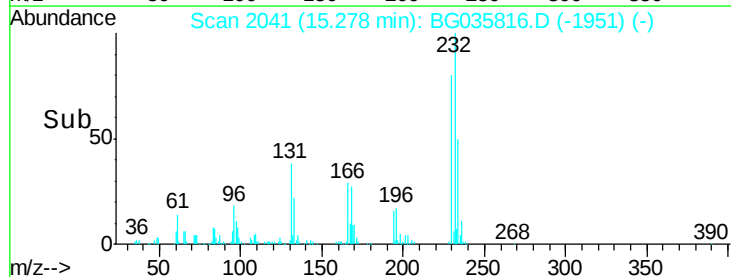
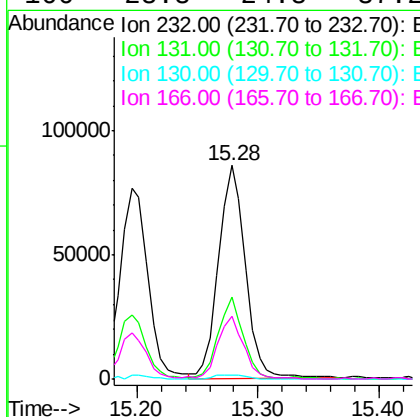
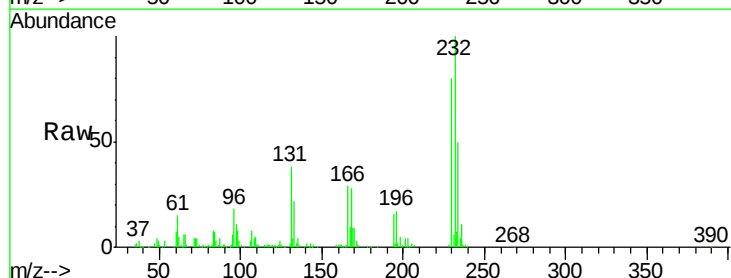
Instrument :
 BNA_G
 ClientSampleId :
 PB111321BS

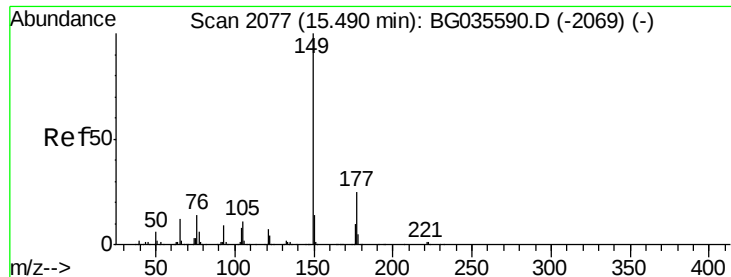
Tgt Ion:166 Resp: 412509
 Ion Ratio Lower Upper
 166 100
 165 99.1 80.6 121.0
 167 14.5 10.4 15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.682 ng
 RT: 15.28 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

Tgt Ion:232 Resp: 131968
 Ion Ratio Lower Upper
 232 100
 131 34.4 33.5 50.3
 130 2.3 2.2 3.2
 166 28.8 24.8 37.2

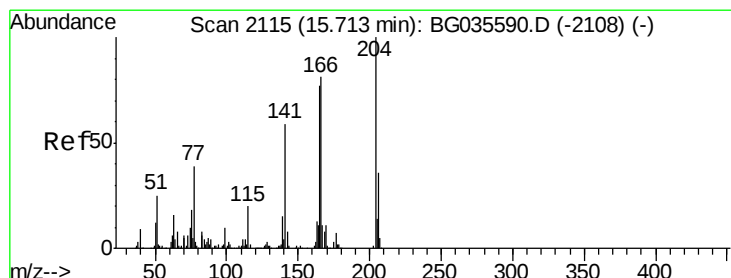
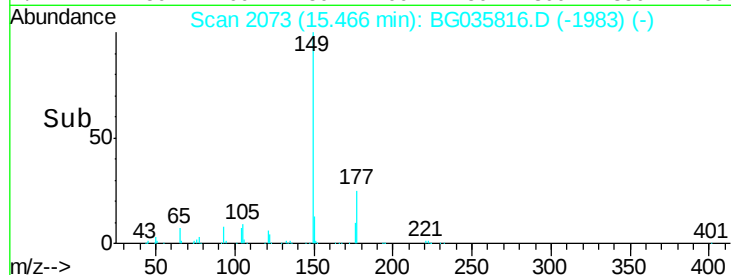
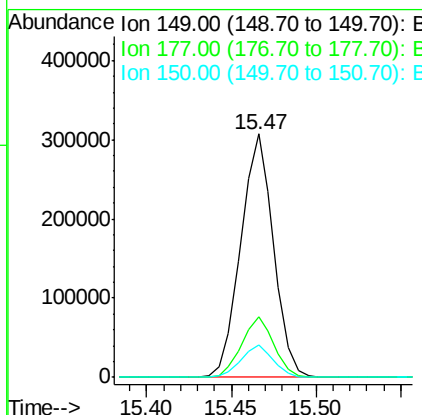
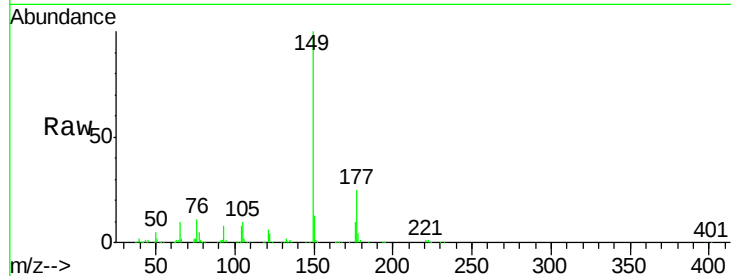




#59
Diethylphthalate
Concen: 41.791 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

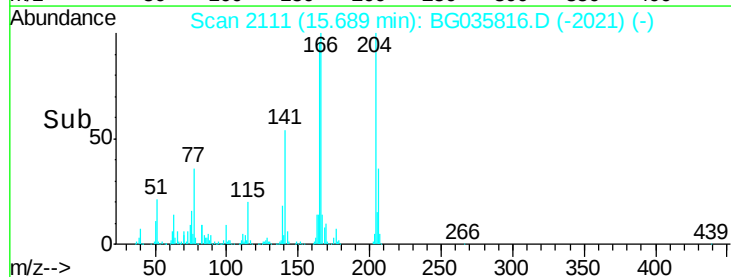
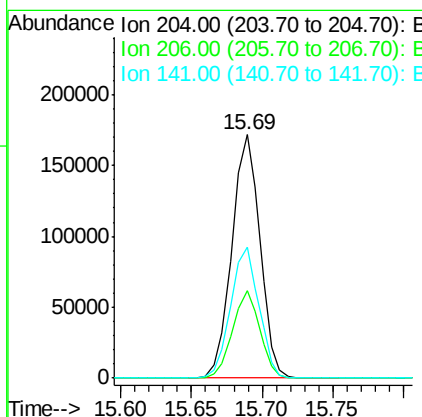
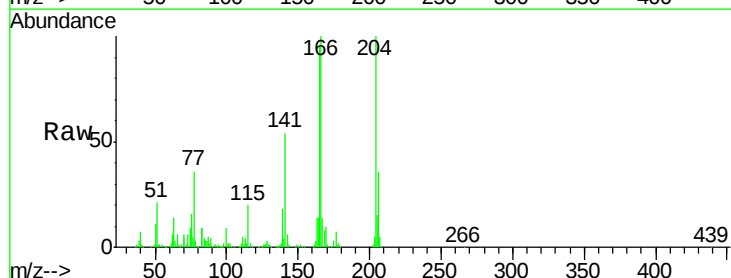
Instrument :
BNA_G
ClientSampleId :
PB111321BS

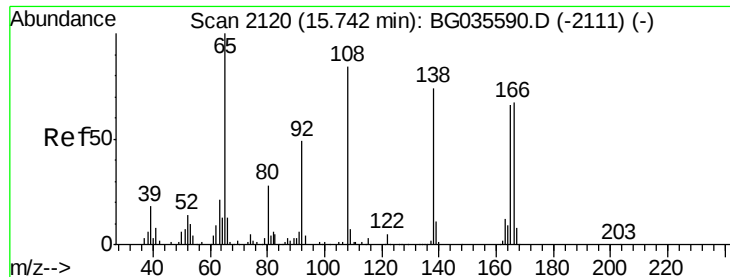
Tgt Ion:149 Resp: 414078
Ion Ratio Lower Upper
149 100
177 24.8 18.5 27.7
150 13.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.768 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

Tgt Ion:204 Resp: 237322
Ion Ratio Lower Upper
204 100
206 35.9 26.2 39.2
141 54.0 45.8 68.6

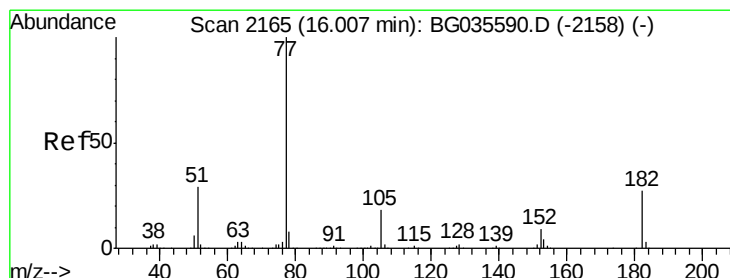
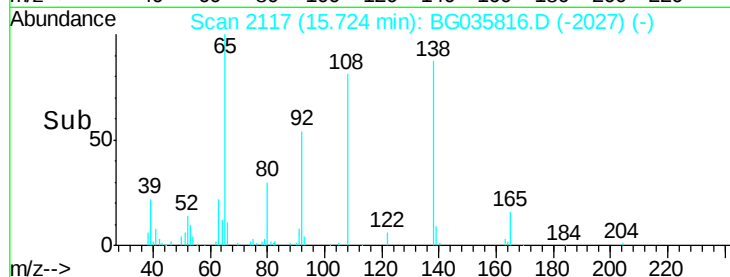
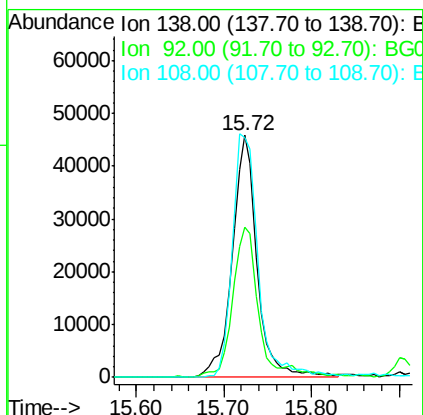
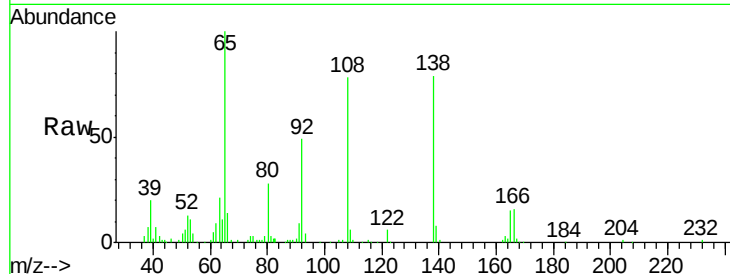




#61
4-Nitroaniline
Concen: 41.761 ng
RT: 15.72 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

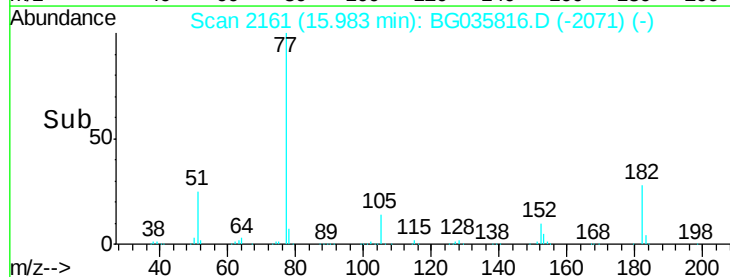
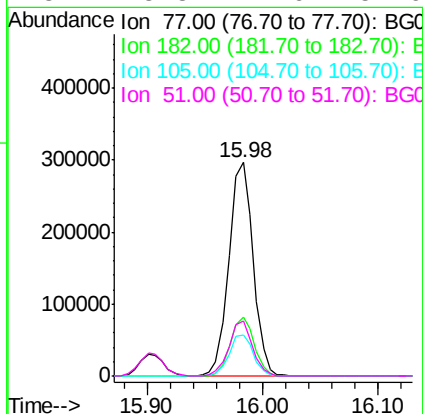
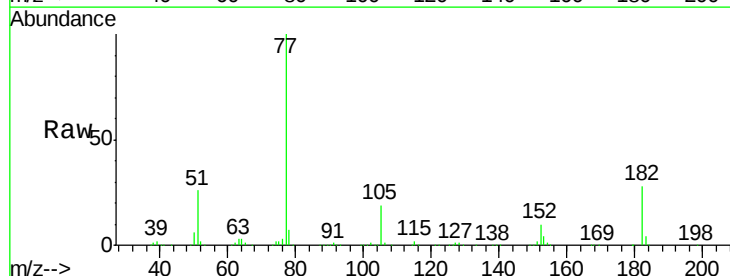
Instrument :
BNA_G
ClientSampleId :
PB111321BS

Tgt Ion: 138 Resp: 87610
Ion Ratio Lower Upper
138 100
92 62.2 40.1 80.1
108 99.1 65.4 105.4



#62
Azobenzene
Concen: 44.040 ng
RT: 15.98 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

Tgt Ion: 77 Resp: 430426
Ion Ratio Lower Upper
77 100
182 27.6 7.4 47.4
105 19.4 0.3 40.3
51 25.8 11.6 51.6

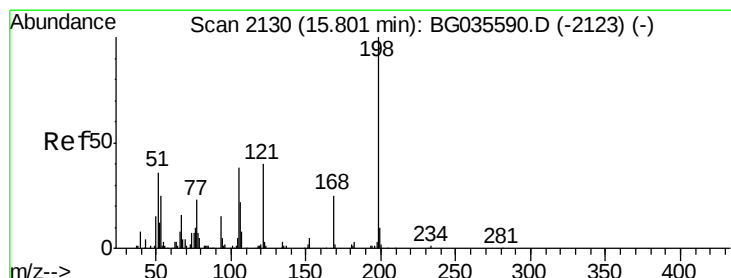
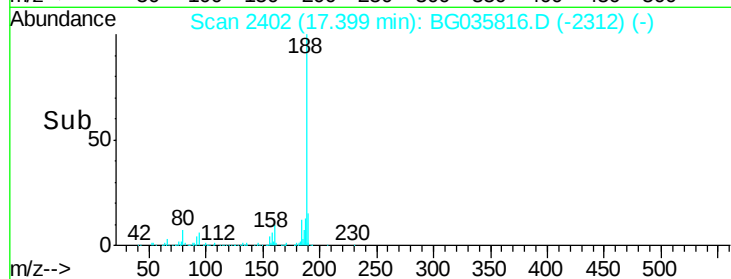
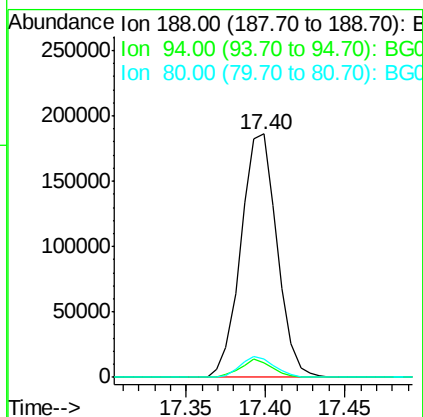
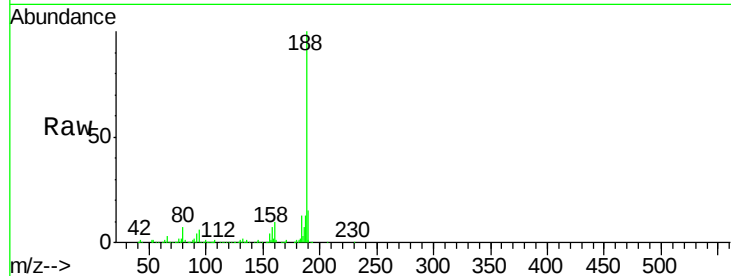




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. 0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

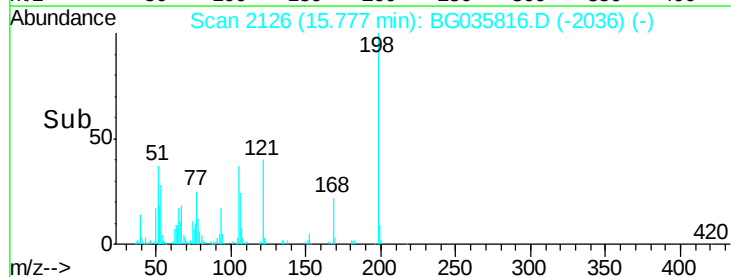
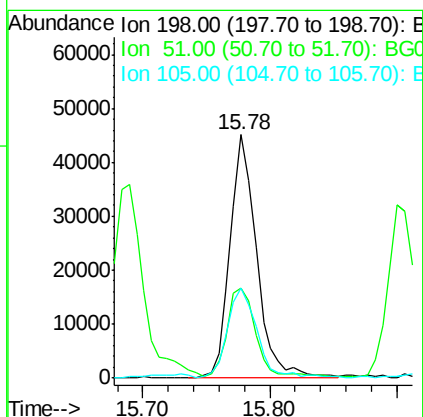
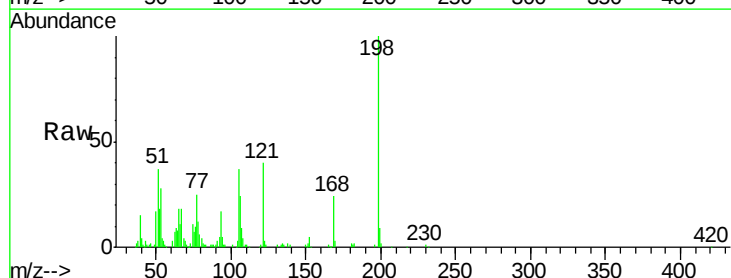
Instrument :
 BNA_G
 ClientSampleId :
 PB111321BS

Tgt Ion:188 Resp: 293960
 Ion Ratio Lower Upper
 188 100
 94 6.1 6.9 10.3#
 80 7.4 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.169 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. 0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

Tgt Ion:198 Resp: 65732
 Ion Ratio Lower Upper
 198 100
 51 37.2 30.6 70.6
 105 36.9 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 44.059 ng

RT: 15.91 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

Instrument :

BNA_G

ClientSampleId :

PB111321BS

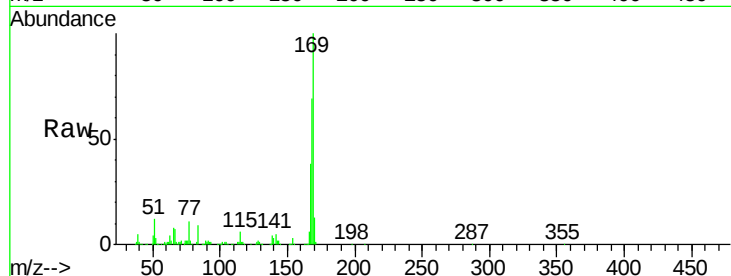
Tgt Ion:169 Resp: 368647

Ion Ratio Lower Upper

169 100

168 69.0 55.7 83.5

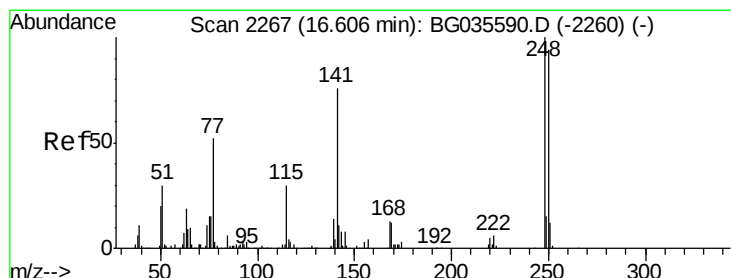
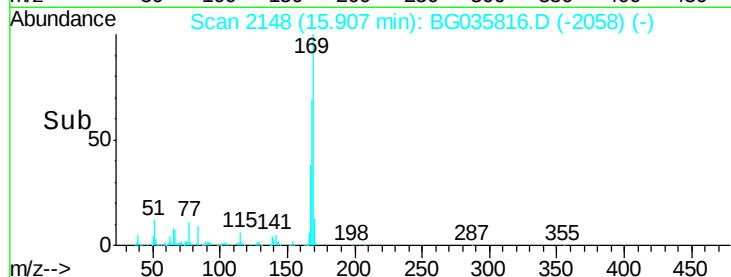
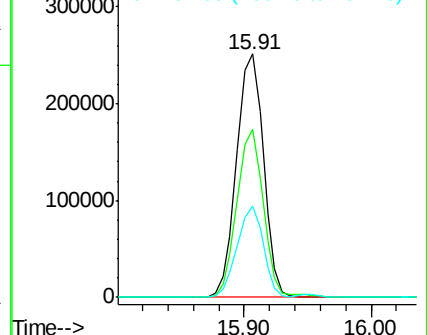
167 37.7 30.1 45.1



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: 46.563 ng

RT: 16.58 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

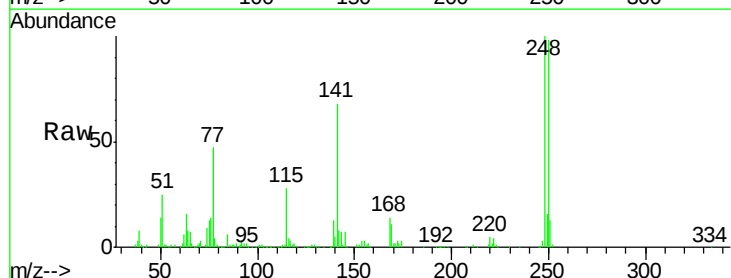
Tgt Ion:248 Resp: 158799

Ion Ratio Lower Upper

248 100

250 97.7 77.1 115.7

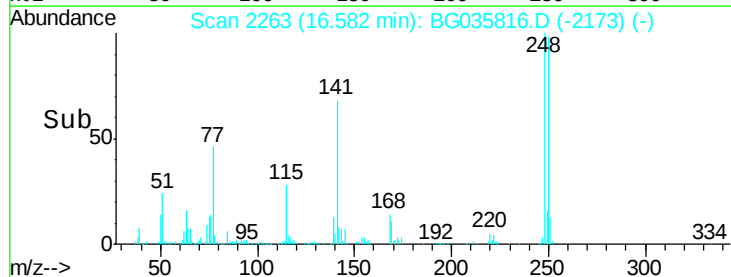
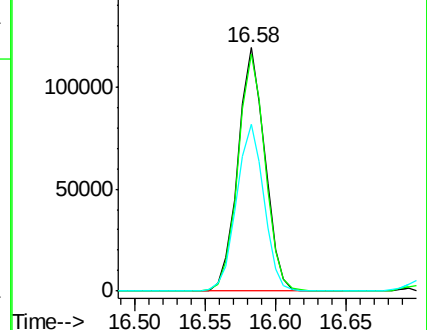
141 68.4 50.8 76.2

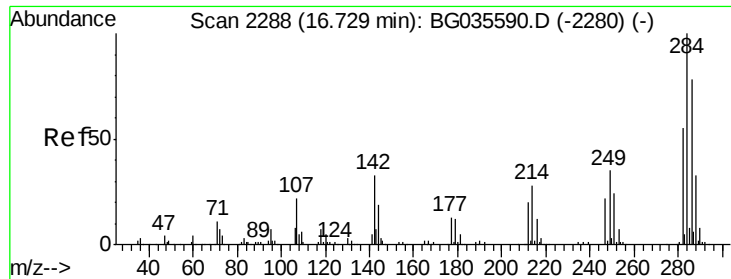


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

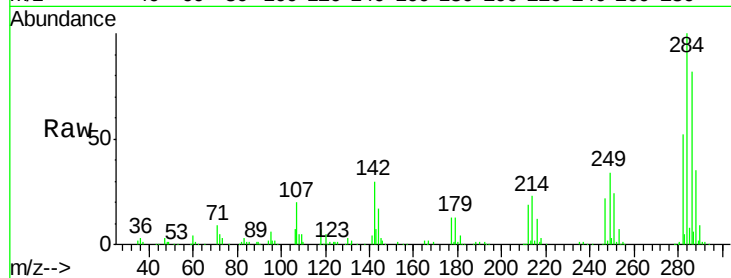




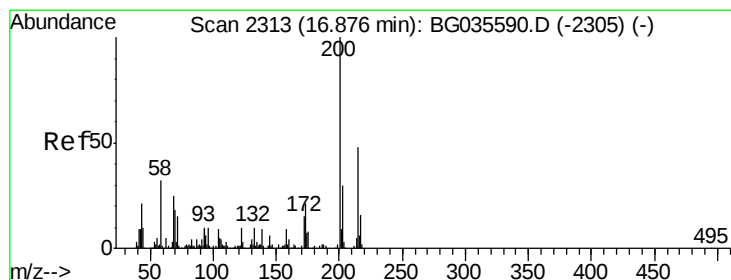
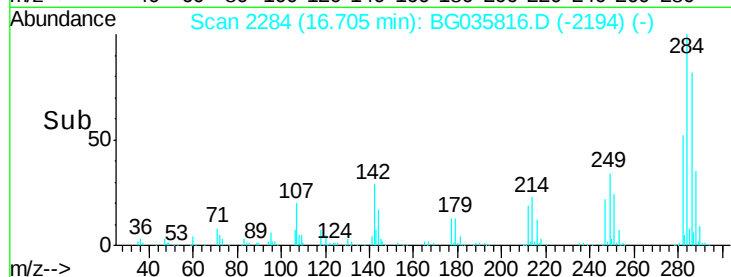
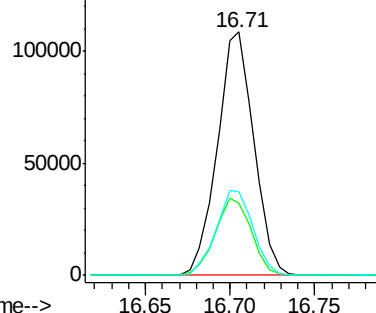
#67
Hexachlorobenzene
Concen: 46.339 ng
RT: 16.71 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB111321BS

Tgt Ion:284 Resp: 162749
Ion Ratio Lower Upper
284 100
142 29.7 26.8 40.2
249 34.2 26.3 39.5

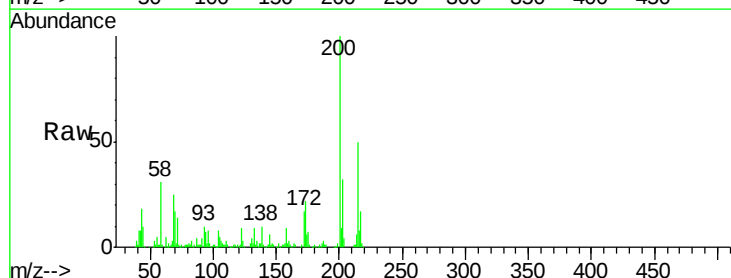


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

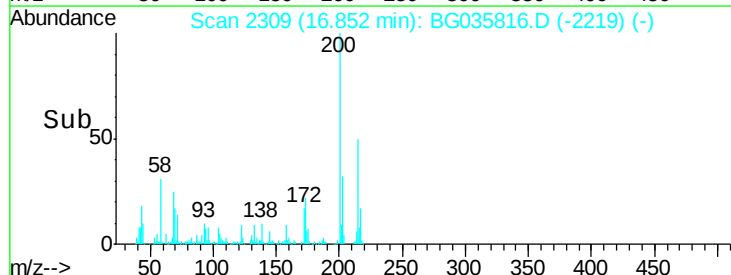
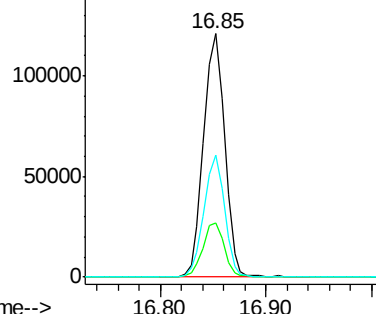


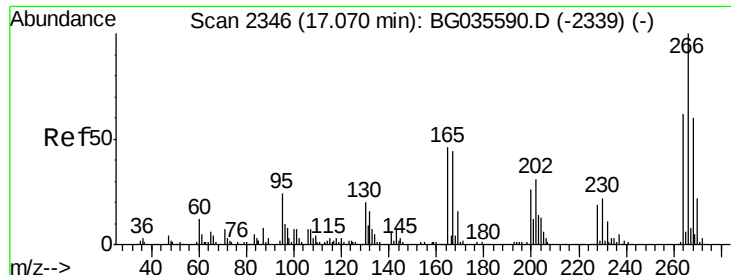
#68
Atrazine
Concen: 48.638 ng
RT: 16.85 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

Tgt Ion:200 Resp: 167559
Ion Ratio Lower Upper
200 100
173 22.3 5.2 45.2
215 49.9 30.4 70.4



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

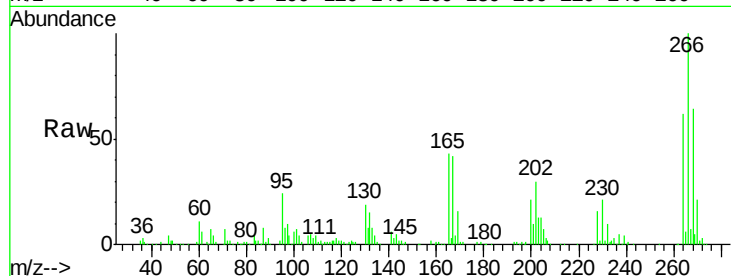




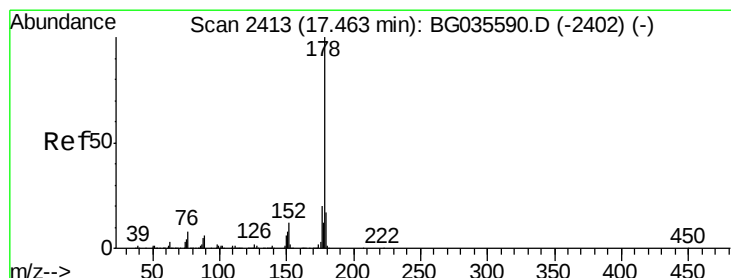
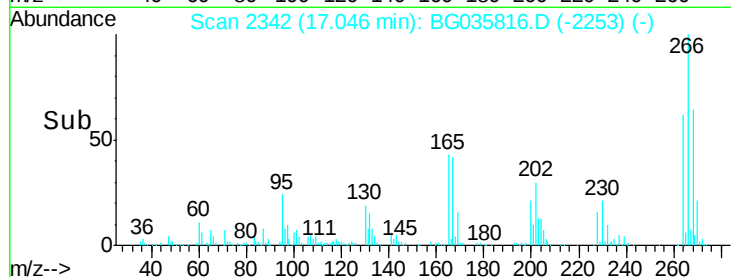
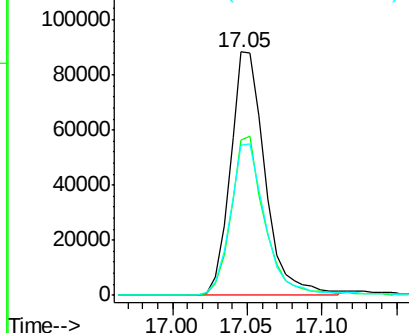
#69
 Pentachlorophenol
 Concen: 66.915 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

Instrument :
 BNA_G
 ClientSampleId :
 PB111321BS

Tgt Ion:266 Resp: 143145
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.1 76.7
 264 61.6 49.6 74.4

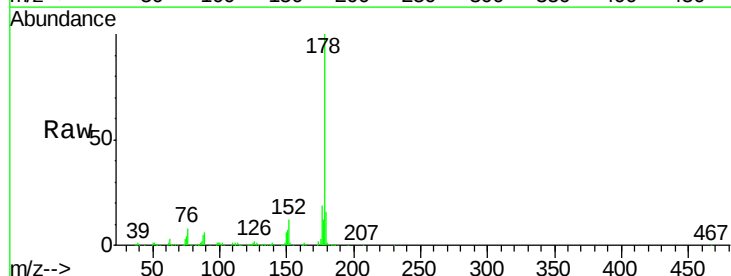


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

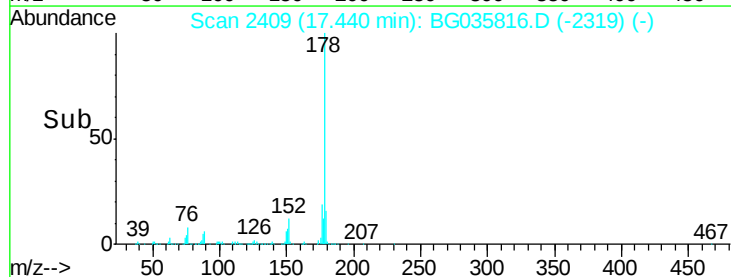
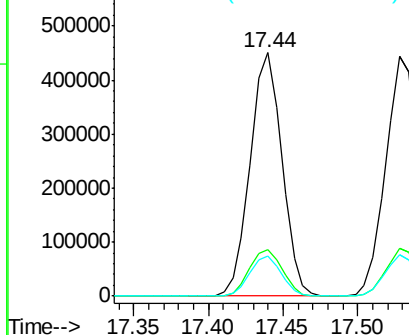


#70
 Phenanthrene
 Concen: 45.354 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. 0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

Tgt Ion:178 Resp: 665256
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.7 23.5
 179 16.5 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

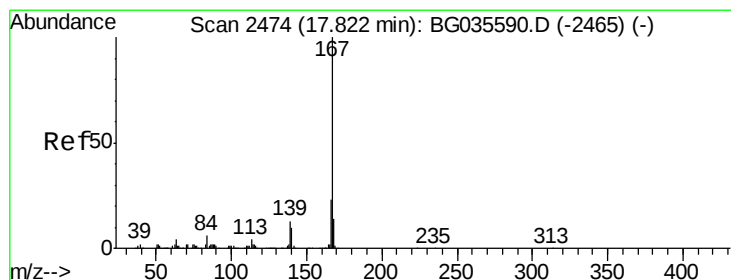
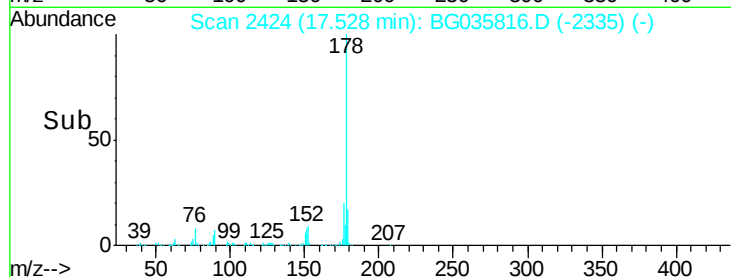
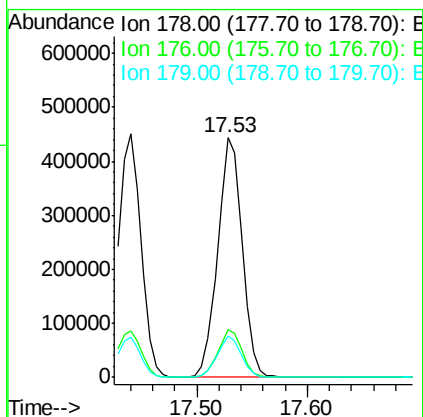
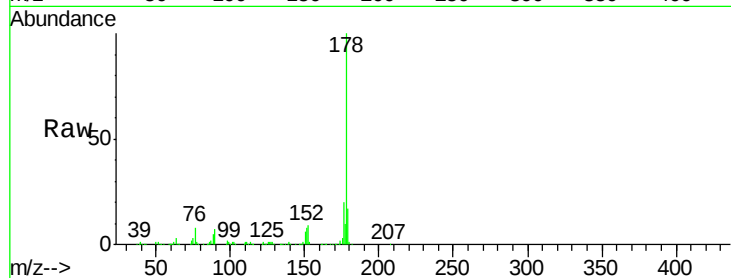




#71
 Anthracene
 Concen: 46.733 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

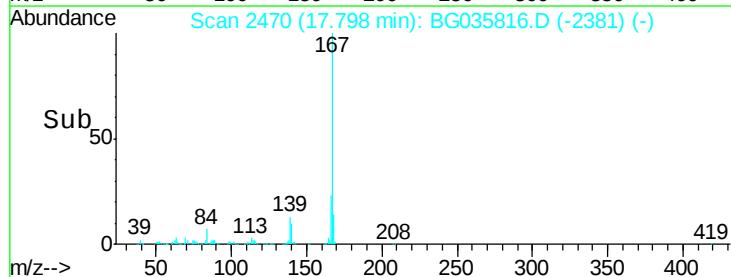
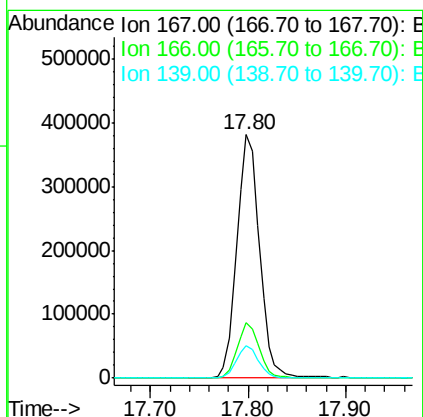
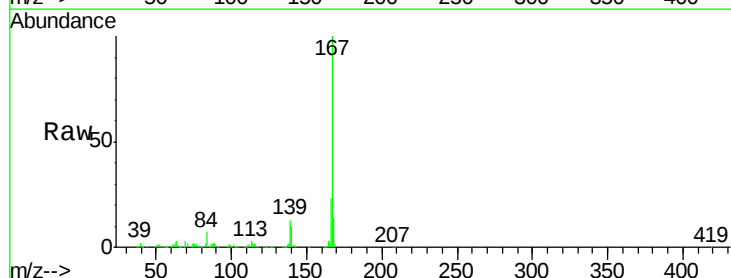
Instrument :
 BNA_G
 ClientSampleId :
 PB111321BS

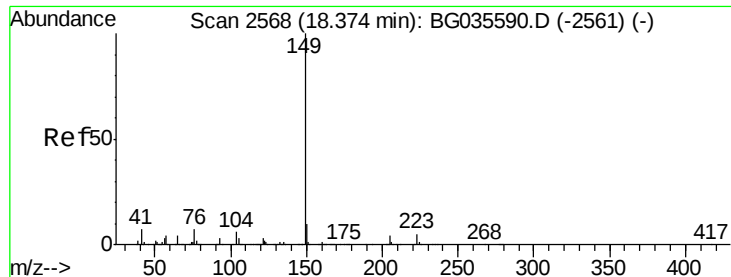
Tgt Ion:178 Resp: 682553
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 17.1 12.5 18.7



#72
 Carbazole
 Concen: 44.679 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

Tgt Ion:167 Resp: 619721
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.4
 139 13.2 9.4 14.2





#73

Di-n-butylphthalate

Concen: 42.843 ng

RT: 18.35 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

Instrument :

BNA_G

ClientSampleId :

PB111321BS

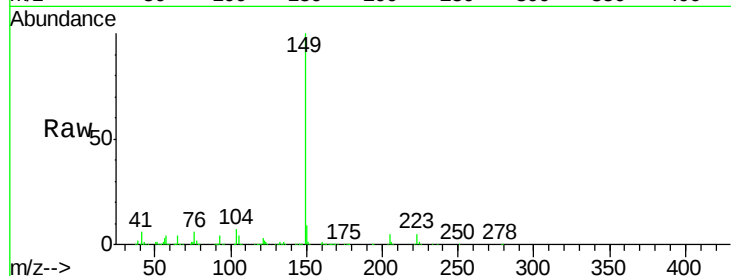
Tgt Ion:149 Resp: 702240

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

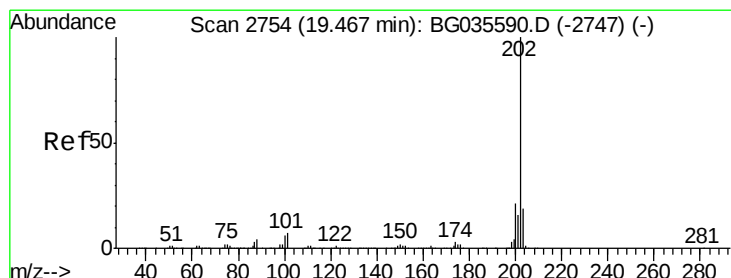
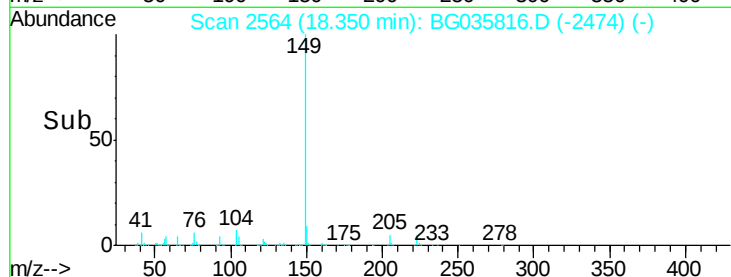
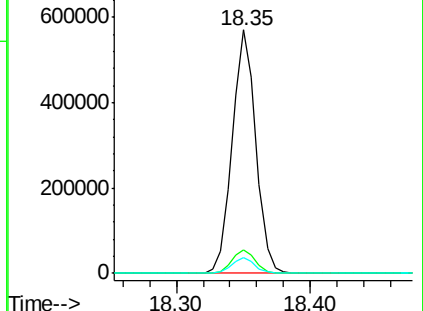
104 6.6 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.500 ng

RT: 19.44 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

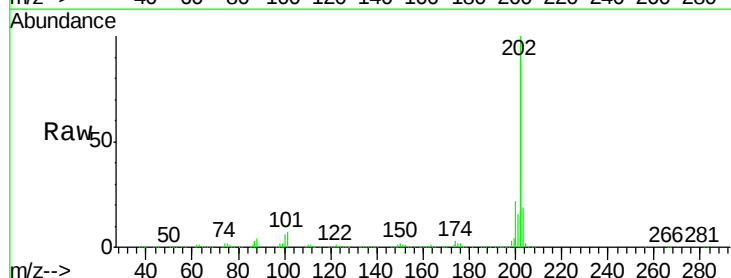
Tgt Ion:202 Resp: 879216

Ion Ratio Lower Upper

202 100

101 7.1 0.0 28.9

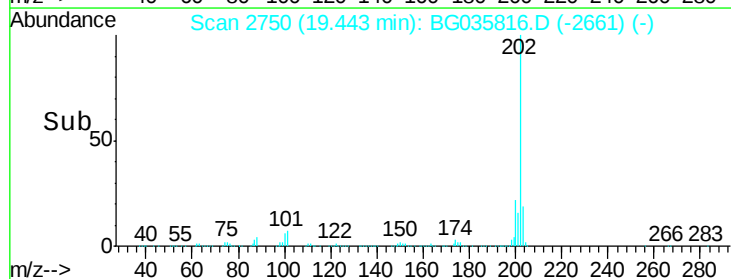
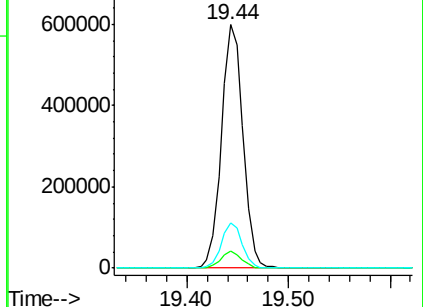
203 18.5 0.0 37.5

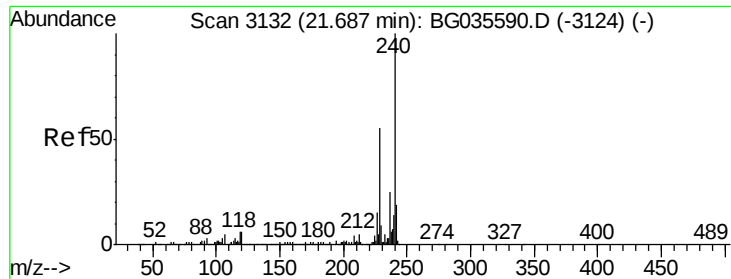


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

Instrument :

BNA_G

ClientSampleId :

PB111321BS

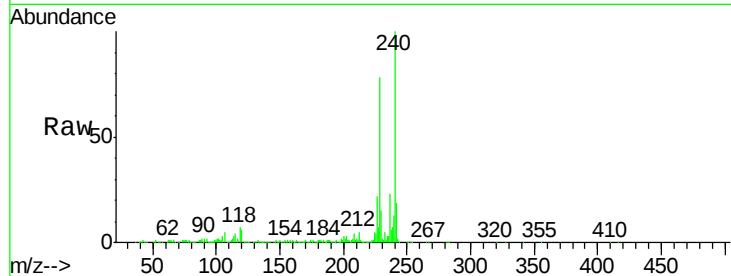
Tgt Ion:240 Resp: 309704

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

236 23.2 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

250000

200000

150000

100000

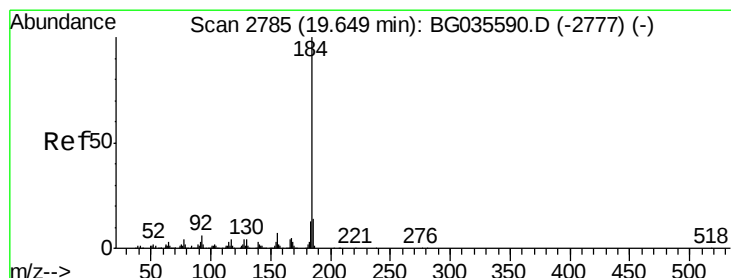
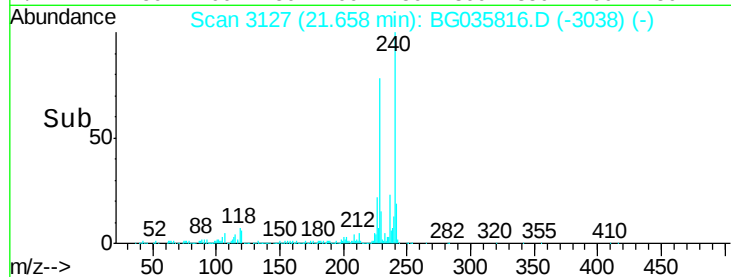
50000

0

21.60

21.70

Time-->



#76

Benzidine

Concen: 21.393 ng

RT: 19.63 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

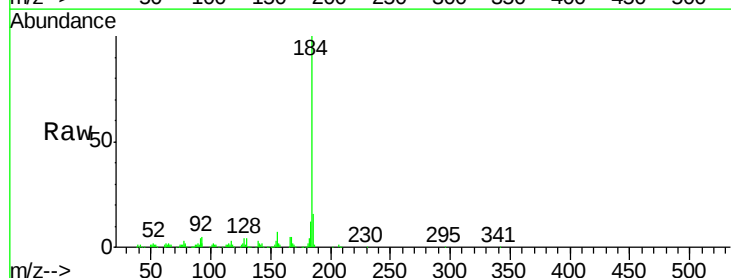
Tgt Ion:184 Resp: 174183

Ion Ratio Lower Upper

184 100

185 15.8 11.1 16.7

183 12.5 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

120000

100000

80000

60000

40000

20000

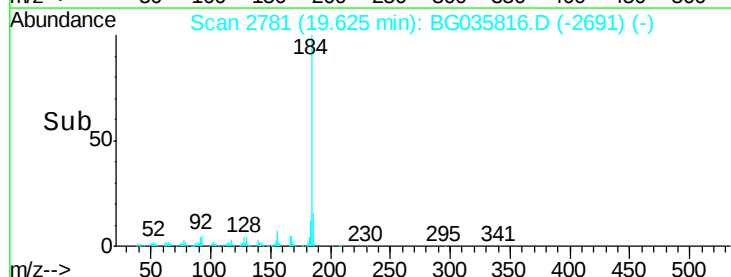
0

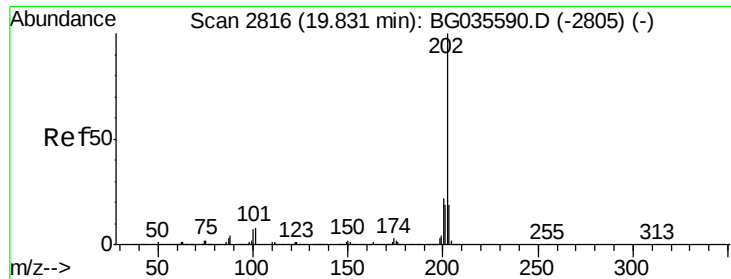
19.60

19.70

19.80

Time-->

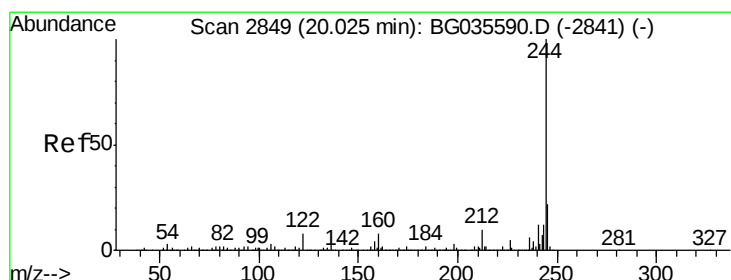
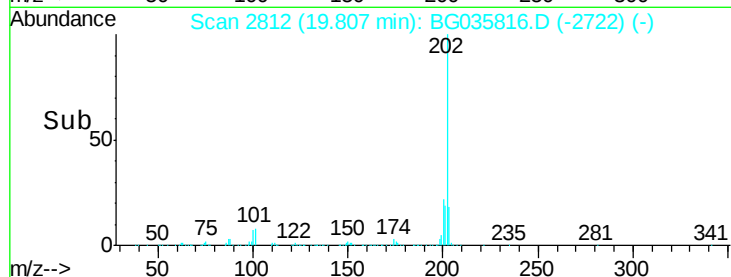
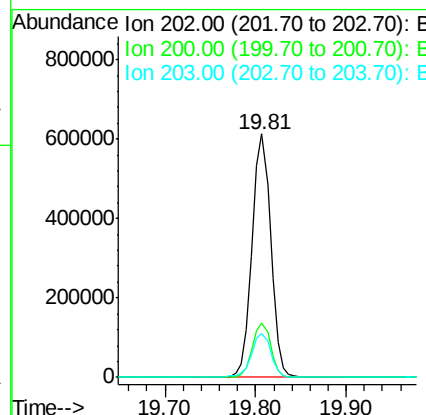
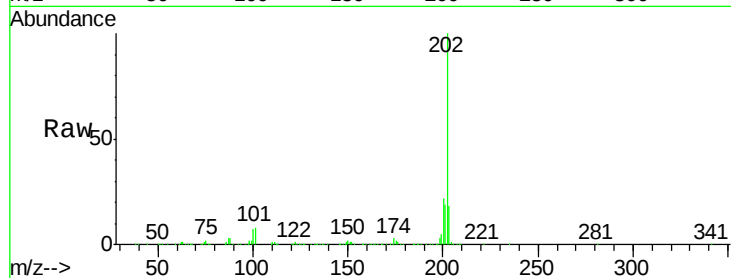




#77
 Pyrene
 Concen: 44.754 ng
 RT: 19.81 min Scan# 2812
 Delta R.T. 0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

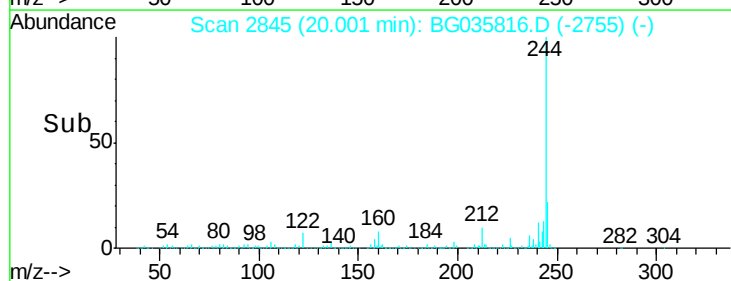
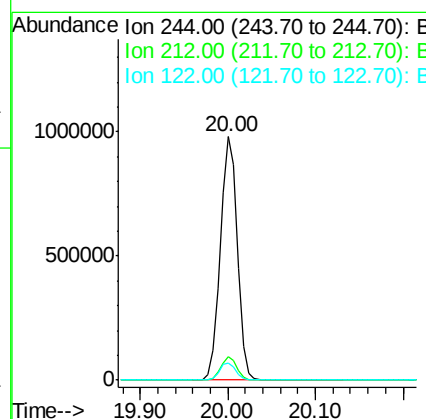
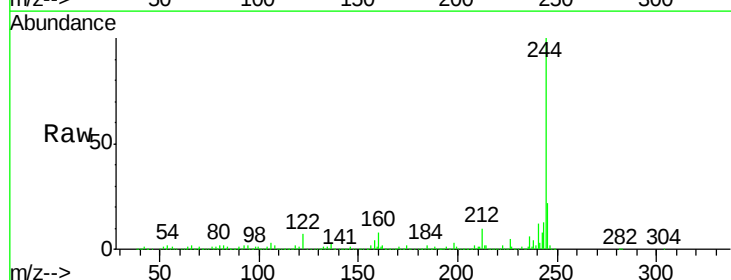
Instrument :
 BNA_G
 ClientSampleId :
 PB111321BS

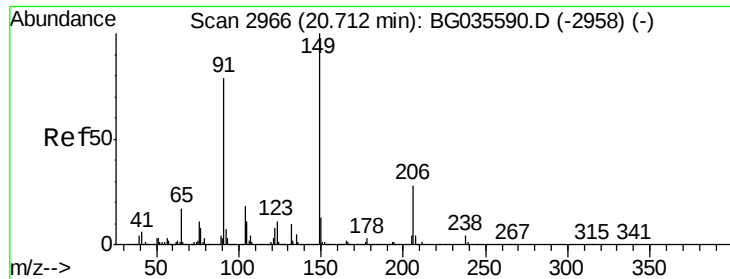
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	18.2	13.9	20.9



#78
 Terphenyl-d14
 Concen: 94.267 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. 0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

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

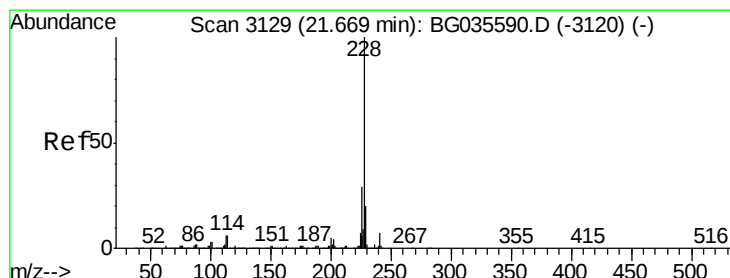
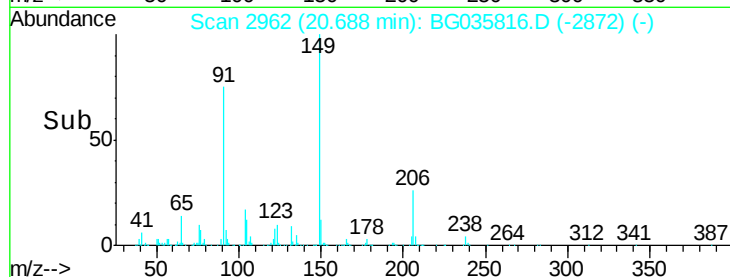
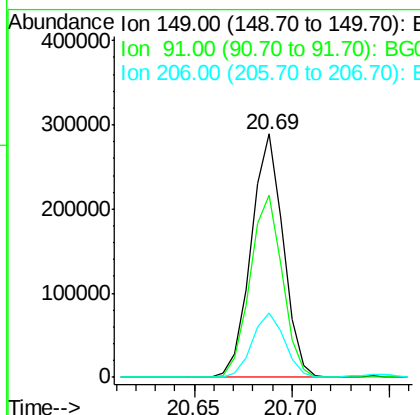
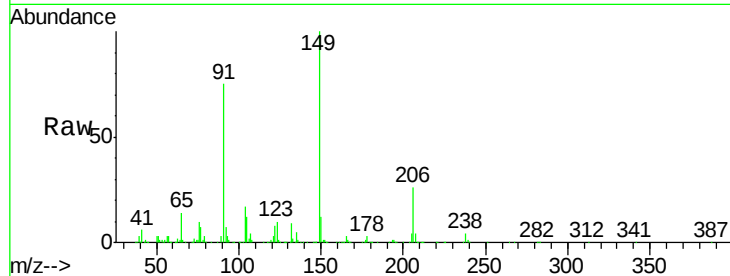




#79
Butylbenzylphthalate
Concen: 46.914 ng
RT: 20.69 min Scan# 2962
Delta R.T. 0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

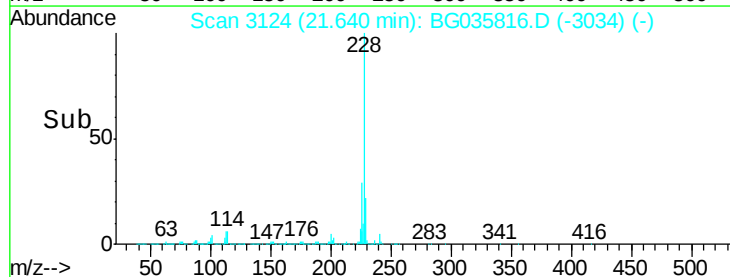
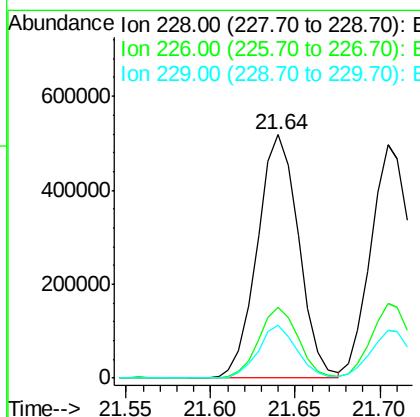
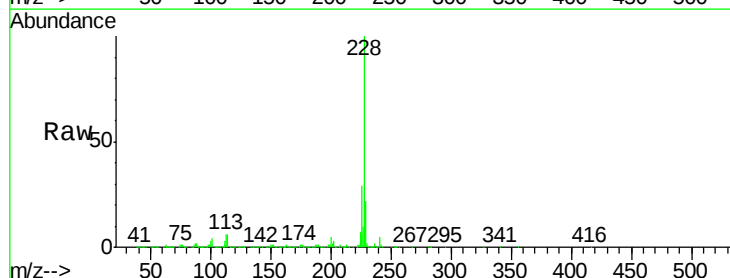
Instrument :
BNA_G
ClientSampleId :
PB111321BS

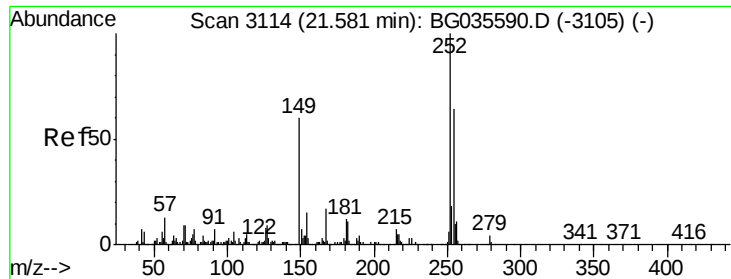
Tgt Ion:149 Resp: 328535
Ion Ratio Lower Upper
149 100
91 74.6 62.2 93.2
206 26.4 18.6 27.8



#80
Benzo(a)anthracene
Concen: 45.809 ng
RT: 21.64 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

Tgt Ion:228 Resp: 884103
Ion Ratio Lower Upper
228 100
226 29.2 22.7 34.1
229 21.5 16.2 24.2

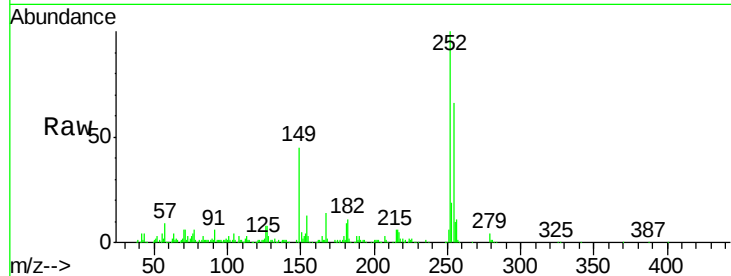




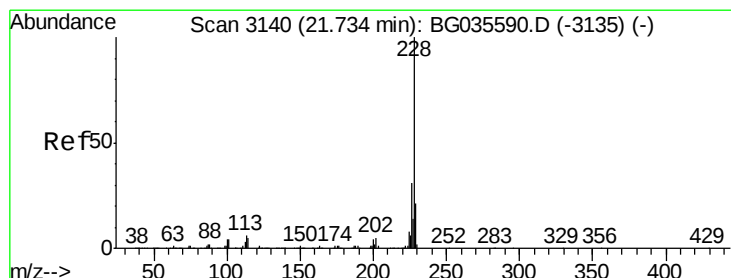
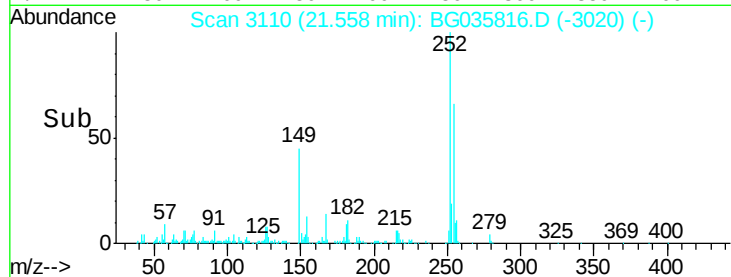
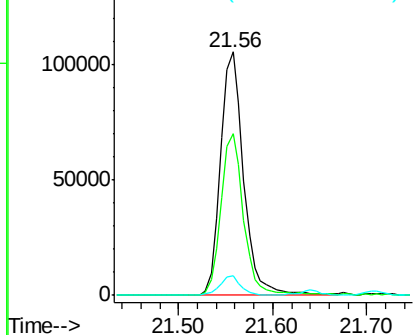
#81
 3,3'-Dichlorobenzidine
 Concen: 27.010 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. 0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

Instrument :
 BNA_G
 ClientSampleId :
 PB111321BS

Tgt Ion: 252 Resp: 181764
 Ion Ratio Lower Upper
 252 100
 254 66.2 50.8 76.2
 126 8.1 7.4 11.2

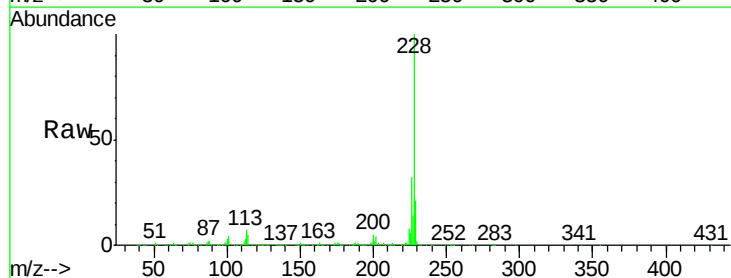


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

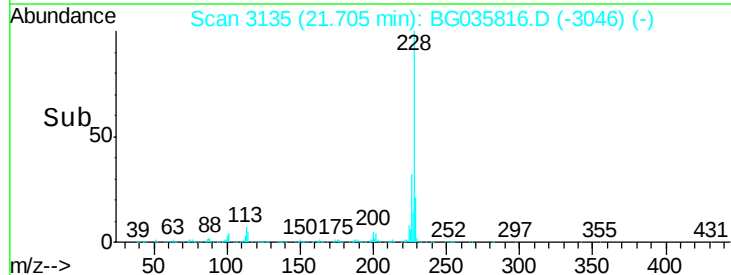
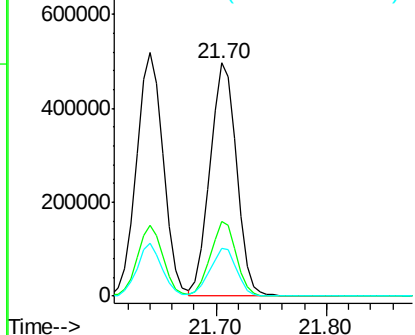


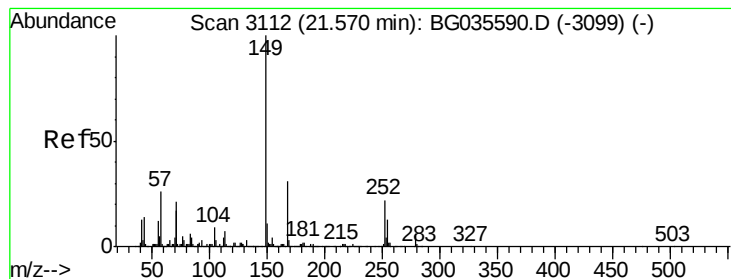
#82
 Chrysene
 Concen: 45.955 ng
 RT: 21.70 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

Tgt Ion: 228 Resp: 821887
 Ion Ratio Lower Upper
 228 100
 226 32.2 24.9 37.3
 229 20.6 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.967 ng

RT: 21.54 min Scan# 3107

Delta R.T. 0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

Instrument :

BNA_G

ClientSampleId :

PB111321BS

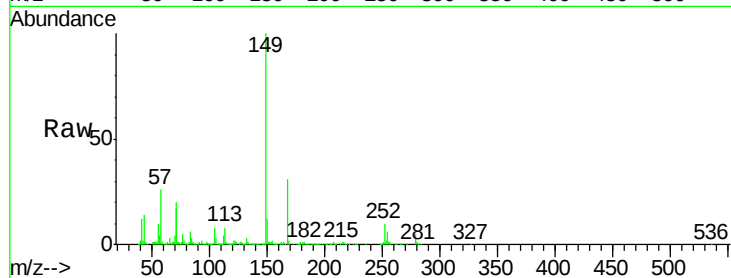
Tgt Ion:149 Resp: 447150

Ion Ratio Lower Upper

149 100

167 31.1 24.3 36.5

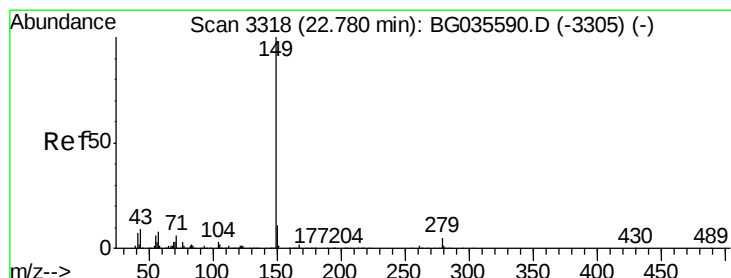
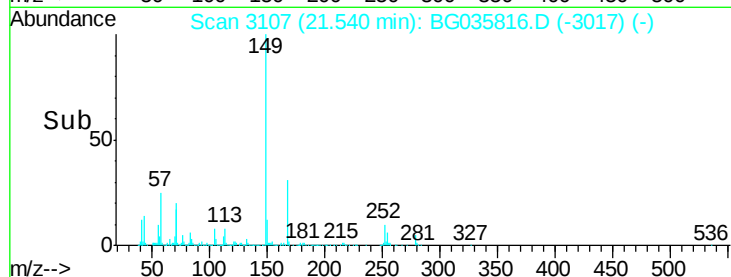
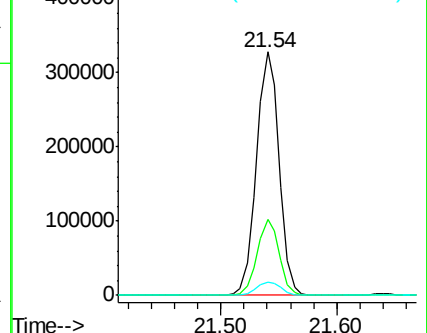
279 5.3 4.0 6.0



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: 48.619 ng

RT: 22.74 min Scan# 3311

Delta R.T. -0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

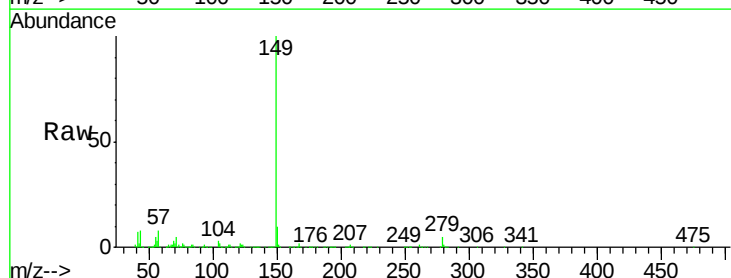
Tgt Ion:149 Resp: 775034

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

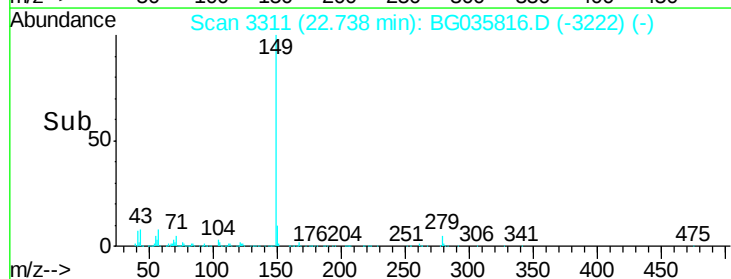
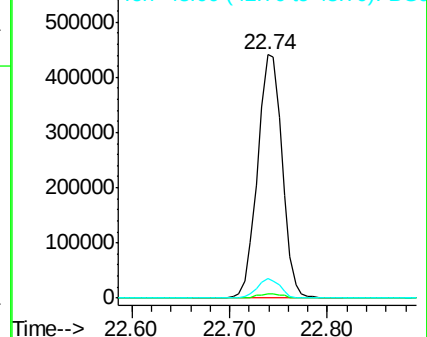
43 7.4 8.9 13.3#

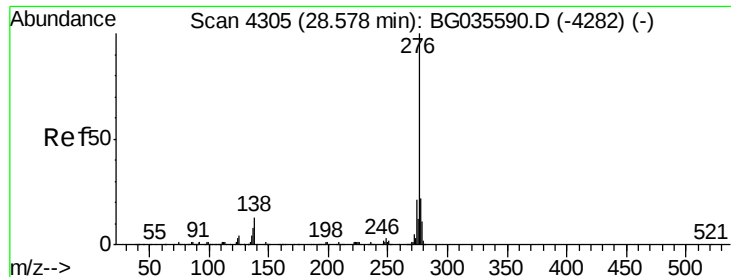


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

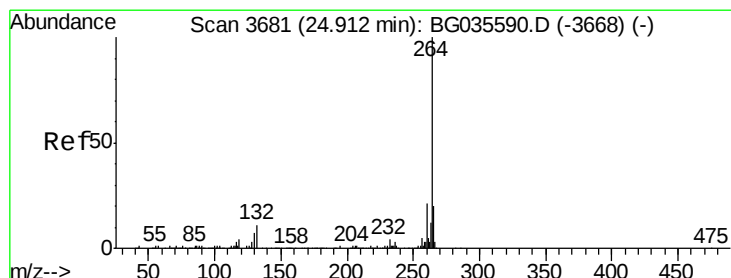
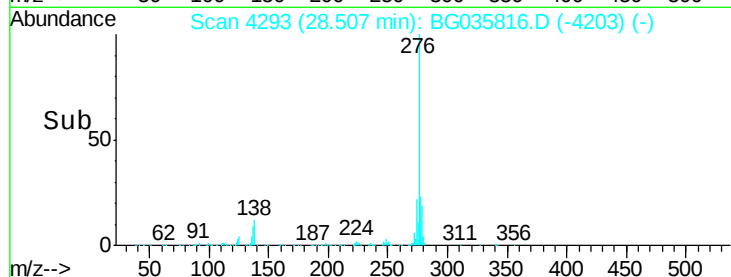
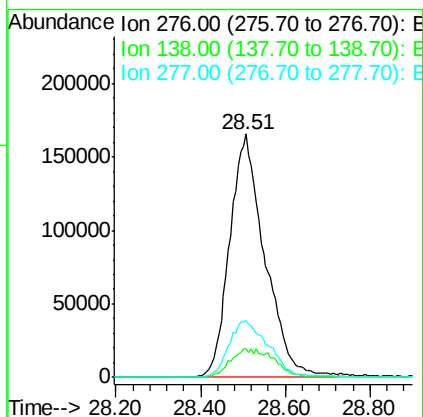
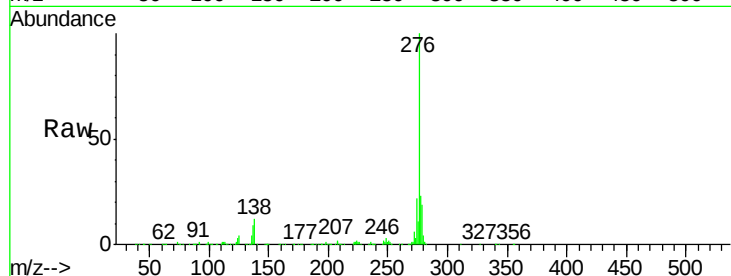




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.006 ng
 RT: 28.51 min Scan# 4293
 Delta R.T. 0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

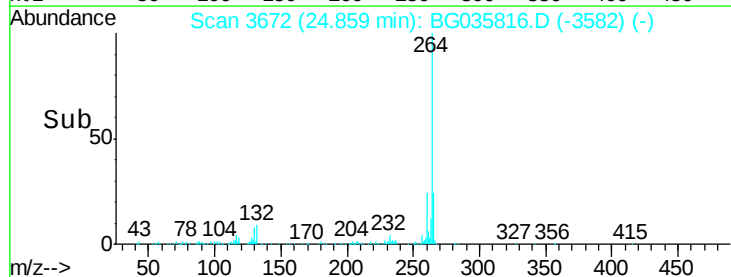
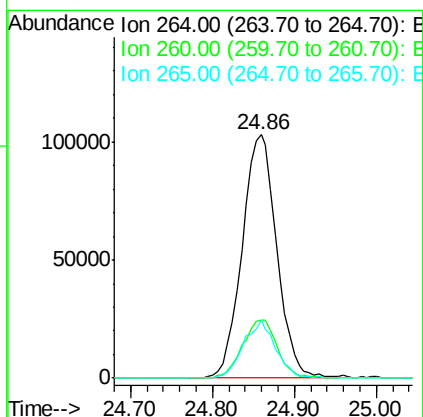
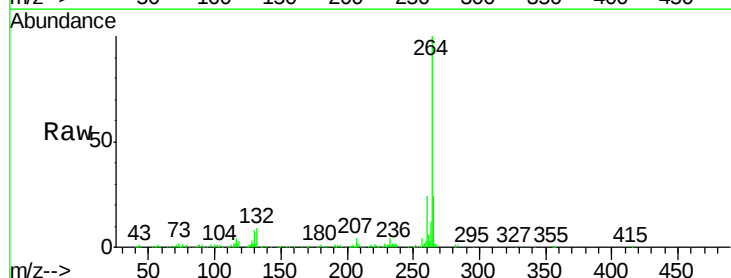
Instrument :
 BNA_G
 ClientSampleId :
 PB111321BS

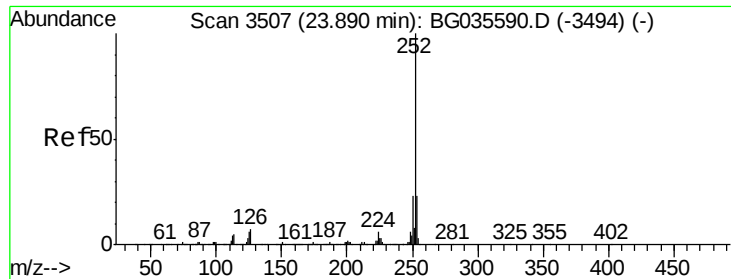
Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.9	16.0	24.0#
277	25.6	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3672
 Delta R.T. 0.00 min
 Lab File: BG035816.D
 Acq: 21 Jul 2018 12:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	23.8	17.7	26.5

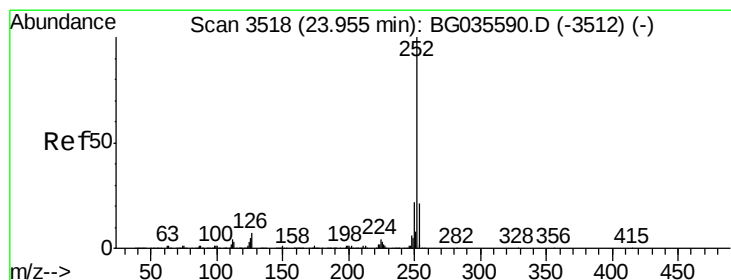
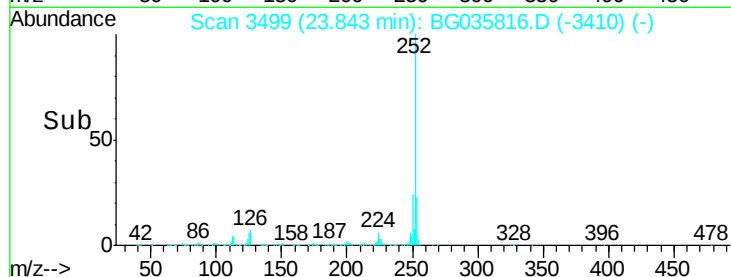
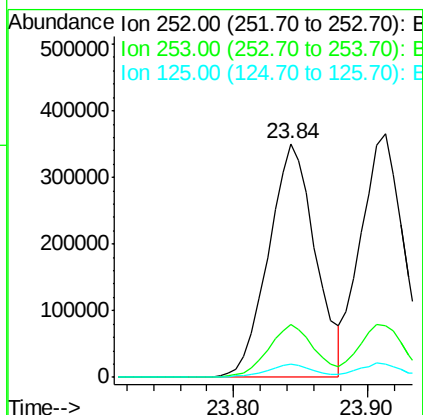
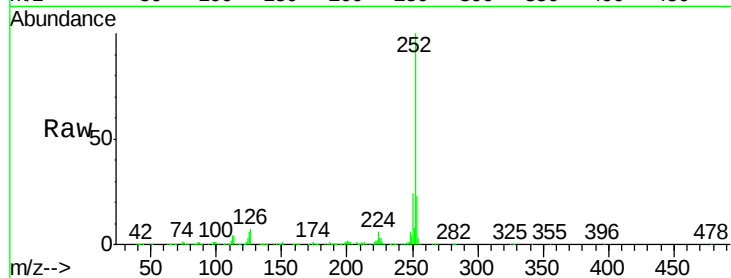




#87
Benzo(b)fluoranthene
Concen: 46.345 ng
RT: 23.84 min Scan# 3499
Delta R.T. -0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

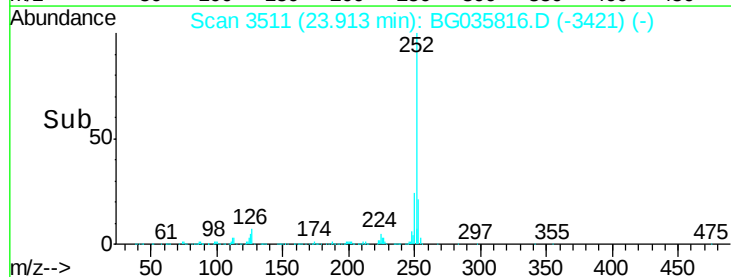
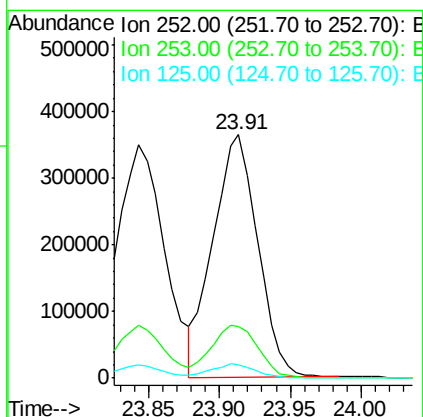
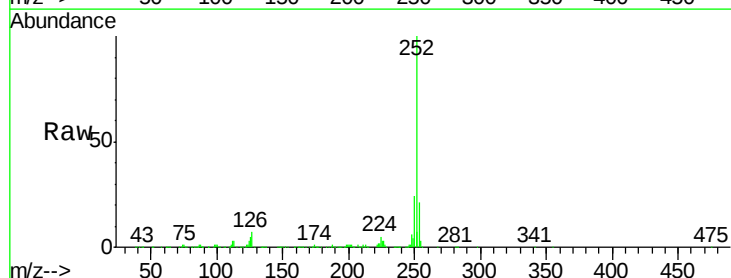
Instrument :
BNA_G
ClientSampleId :
PB111321BS

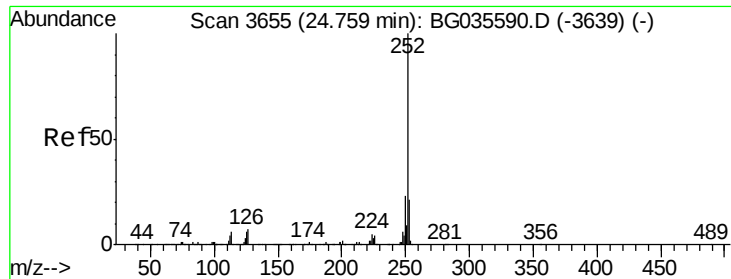
Tgt Ion:252 Resp: 853139
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 5.6 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 44.446 ng
RT: 23.91 min Scan# 3511
Delta R.T. 0.00 min
Lab File: BG035816.D
Acq: 21 Jul 2018 12:19

Tgt Ion:252 Resp: 799881
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 5.4 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 48.041 ng

RT: 24.71 min Scan# 3646

Delta R.T. -0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

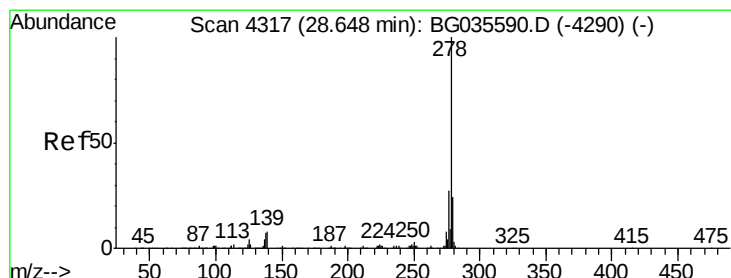
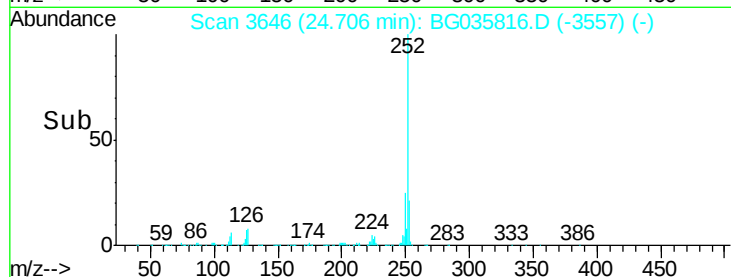
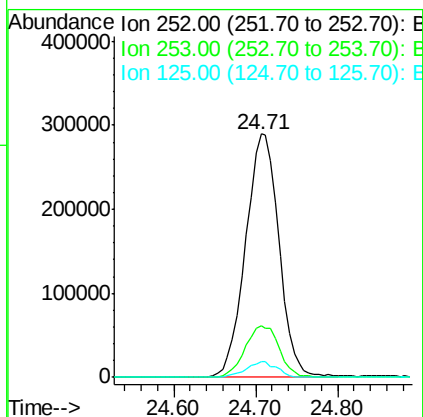
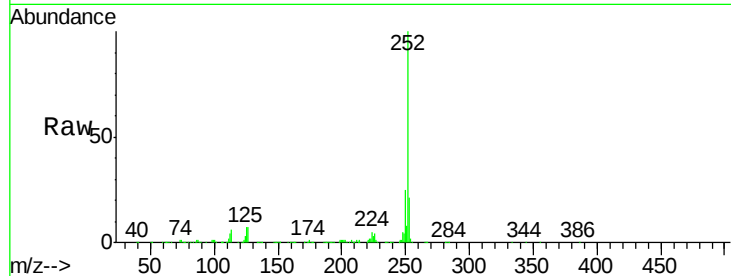
Instrument :

BNA_G

ClientSampleId :

PB111321BS

Tgt Ion:	252	Resp:	822745
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.3	27.5
125	6.7	7.3	10.9#



#90

Dibenzo(a,h)anthracene

Concen: 46.899 ng

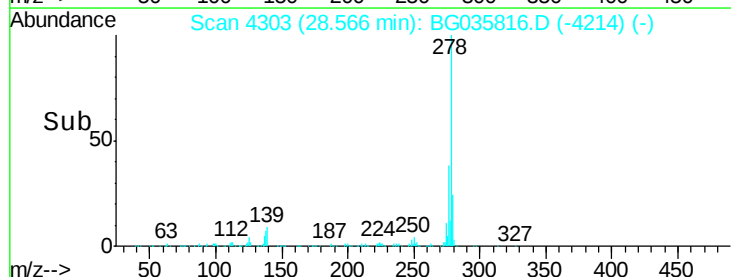
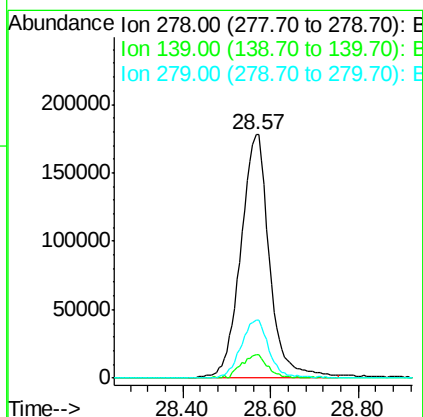
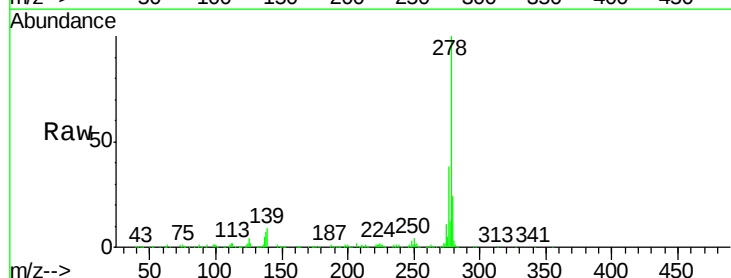
RT: 28.57 min Scan# 4303

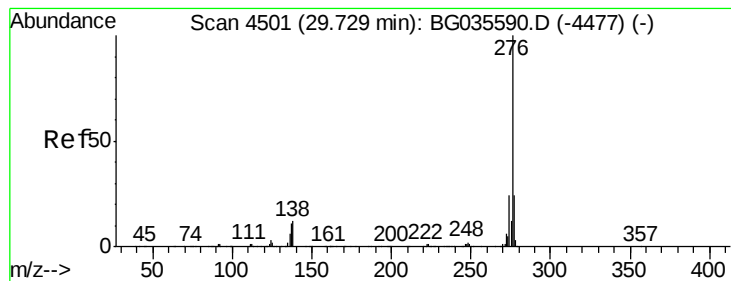
Delta R.T. -0.00 min

Lab File: BG035816.D

Acq: 21 Jul 2018 12:19

Tgt Ion:	278	Resp:	788512
Ion Ratio	Lower	Upper	
278	100		
139	9.5	9.8	14.6#
279	24.1	18.4	27.6





#91

Benzo(g,h,i)perylene

Concen: 47.419 ng

RT: 29.65 min Scan# 4488

Delta R.T. 0.00 min

Lab File: BG035816.D

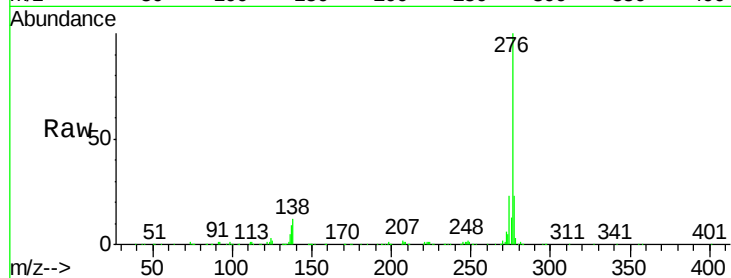
Acq: 21 Jul 2018 12:19

Instrument :

BNA_G

ClientSampleId :

PB111321BS



Tgt Ion:	276	Resp:	780153
Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.3	27.5
138	11.6	13.9	20.9#

