

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073118\
 Data File : BG036008.D
 Acq On : 31 Jul 2018 19:26
 Operator : JU/SJ
 Sample : PB111635BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111635BS

Quant Time: Aug 01 01:08:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	39410	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	144140	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	108414	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	284713	20.00	ng	0.00
75) Chrysene-d12	21.66	240	306041	20.00	ng	0.00
86) Perylene-d12	24.85	264	292469	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	335566	141.36	ng	0.00
7) Phenol-d6	7.19	99	493740	139.41	ng	0.00
23) Nitrobenzene-d5	9.19	82	317899	92.13	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	225060	157.50	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	750564	92.75	ng	0.00
78) Terphenyl-d14	20.00	244	1343577	96.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	38632	31.976	ng	# 72
3) Pyridine	3.91	79	107977	34.235	ng	# 73
4) n-Nitrosodimethylamine	3.83	42	49089	36.248	ng	# 71
6) Aniline	7.35	93	86347	18.810	ng	94
8) 2-Chlorophenol	7.59	128	113786	47.131	ng	92
9) Benzaldehyde	7.17	77	68646	31.589	ng	95
10) Phenol	7.22	94	170739	47.718	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	111031	39.623	ng	91
12) 1,3-Dichlorobenzene	7.91	146	125607	43.084	ng	96
13) 1,4-Dichlorobenzene	8.06	146	128016	43.216	ng	96
14) 1,2-Dichlorobenzene	8.38	146	122904	43.189	ng	97
15) Benzyl Alcohol	8.26	79	134131	41.706	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	125284	53.329	ng	79
17) 2-Methylphenol	8.46	107	113447	46.633	ng	# 93
18) Hexachloroethane	9.10	117	48033	42.409	ng	90
19) n-Nitroso-di-n-propylamine	8.83	70	103719	34.778	ng	90
20) 3+4-Methylphenols	8.80	107	157554	46.684	ng	91
22) Acetophenone	8.85	105	192924	43.041	ng	# 93
24) Nitrobenzene	9.23	77	160491	46.250	ng	94
25) Isophorone	9.74	82	307410	47.994	ng	97
26) 2-Nitrophenol	9.94	139	69048	56.027	ng	# 93
27) 2,4-Dimethylphenol	10.00	122	120721	57.869	ng	89
28) bis(2-Chloroethoxy)methane	10.23	93	160965	45.607	ng	92
29) 2,4-Dichlorophenol	10.48	162	133856	56.211	ng	91
30) 1,2,4-Trichlorobenzene	10.69	180	143530	49.154	ng	96
31) Naphthalene	10.87	128	350203	46.642	ng	98
32) Benzoic acid	10.17	122	49832	35.484	ng	# 89
33) 4-Chloroaniline	11.00	127	26147	7.990	ng	98
34) Hexachlorobutadiene	11.15	225	110030	48.323	ng	96
35) Caprolactam	11.77	113	26412	25.846	ng	# 73
36) 4-Chloro-3-methylphenol	12.11	107	168514	52.794	ng	97
37) 2-Methylnaphthalene	12.48	142	284356	50.834	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	190477	46.550	ng	98
40) Hexachlorocyclopentadiene	12.82	237	253311	118.040	ng	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	126794	52.986	ng	97
43) 2,4,5-Trichlorophenol	13.16	196	135921	50.774	ng	99
45) 1,1'-Biphenyl	13.48	154	390216	46.425	ng	98
46) 2-Chloronaphthalene	13.53	162	312210	47.753	ng	99
47) 2-Nitroaniline	13.73	65	108442	46.916	ng	96
48) Acenaphthylene	14.37	152	519483	47.433	ng	98
49) Dimethylphthalate	14.10	163	437957	46.107	ng	99
50) 2,6-Dinitrotoluene	14.23	165	101854	52.657	ng	89
51) Acenaphthene	14.71	154	304290	44.602	ng	99
52) 3-Nitroaniline	14.56	138	23383	11.828	ng #	95
53) 2,4-Dinitrophenol	14.77	184	102844	101.469	ng #	63
54) Dibenzofuran	15.04	168	507260	46.752	ng	93
55) 4-Nitrophenol	14.88	139	132098	93.824	ng #	88
56) 2,4-Dinitrotoluene	15.01	165	145026	52.262	ng #	88
57) Fluorene	15.70	166	424618	46.693	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.27	232	141254	55.033	ng	93
59) Diethylphthalate	15.46	149	438531	44.899	ng	98
60) 4-Chlorophenyl-phenylether	15.68	204	250372	46.843	ng	98
61) 4-Nitroaniline	15.72	138	92944	44.944	ng #	82
62) Azobenzene	15.98	77	440554	45.728	ng	93
64) 4,6-Dinitro-2-methylphenol	15.78	198	84211	53.133	ng	84
65) n-Nitrosodiphenylamine	15.90	169	374095	46.162	ng	99
66) 4-Bromophenyl-phenylether	16.58	248	167590	50.736	ng	94
67) Hexachlorobenzene	16.70	284	170950	50.255	ng	95
68) Atrazine	16.85	200	169677	50.852	ng	94
69) Pentachlorophenol	17.05	266	158212	76.360	ng	99
70) Phenanthrene	17.43	178	684678	48.194	ng	98
71) Anthracene	17.53	178	702564	49.665	ng	98
72) Carbazole	17.80	167	630036	46.898	ng	99
73) Di-n-butylphthalate	18.34	149	727142	45.803	ng #	98
74) Fluoranthene	19.44	202	895328	46.787	ng	98
76) Benzidine	19.62	184	233928	29.074	ng	99
77) Pyrene	19.80	202	899607	46.488	ng	98
79) Butylbenzylphthalate	20.68	149	339531	49.064	ng	98
80) Benzo(a)anthracene	21.63	228	905430	47.475	ng	99
81) 3,3'-Dichlorobenzidine	21.55	252	172638	25.961	ng #	99
82) Chrysene	21.70	228	852797	48.254	ng	98
83) Bis(2-ethylhexyl)phthalate	21.53	149	468830	49.834	ng #	97
84) Di-n-octyl phthalate	22.73	149	804347	51.062	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	981903	50.182	ng #	94
87) Benzo(b)fluoranthene	23.84	252	887713	49.938	ng #	95
88) Benzo(k)fluoranthene	23.91	252	839237	48.291	ng #	98
89) Benzo(a)pyrene	24.70	252	843209	50.987	ng #	97
90) Dibenzo(a,h)anthracene	28.55	278	817177	50.332	ng #	95
91) Benzo(g,h,i)perylene	29.63	276	817020	51.426	ng #	92

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

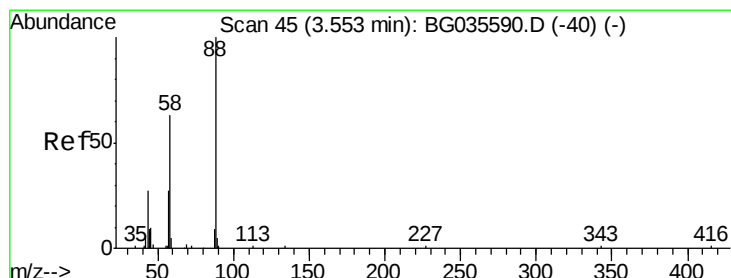
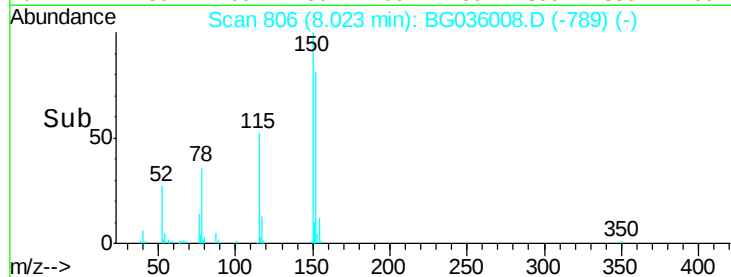
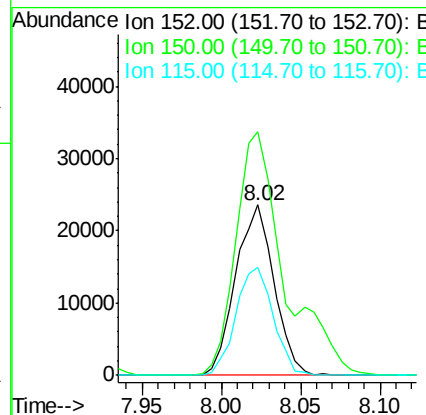
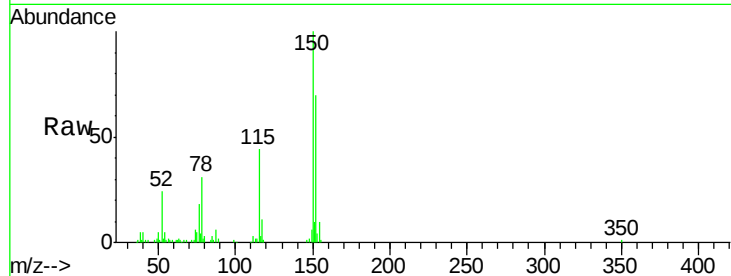


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111635BS

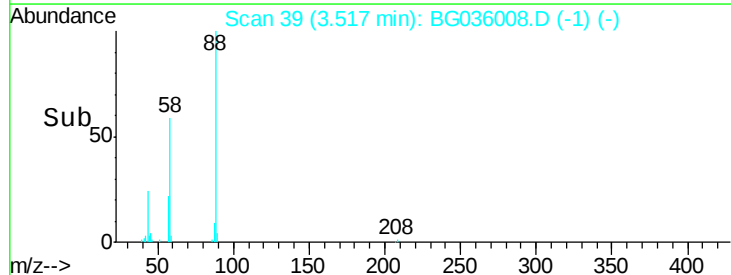
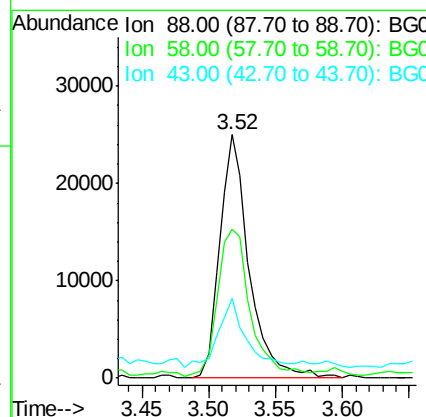
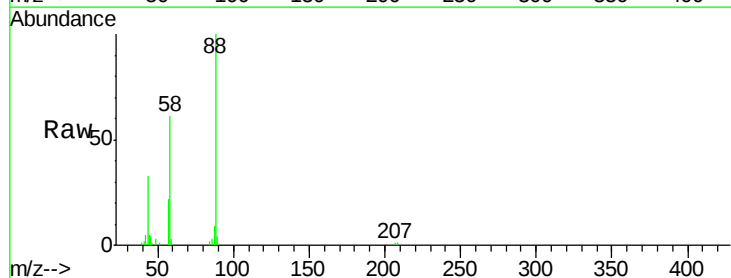
Tgt Ion: 152 Resp: 39410
 Ion Ratio Lower Upper
 152 100
 150 143.1 126.6 189.8
 115 63.6 53.0 79.4



#2

1,4-Dioxane
 Concen: 31.976 ng
 RT: 3.52 min Scan# 39
 Delta R.T. -0.01 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

Tgt Ion: 88 Resp: 38632
 Ion Ratio Lower Upper
 88 100
 58 66.8 79.6 119.4#
 43 25.9 27.4 41.0#





#3

Pyridine

Concen: 34.235 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

Instrument :

BNA_G

ClientSampleId :

PB111635BS

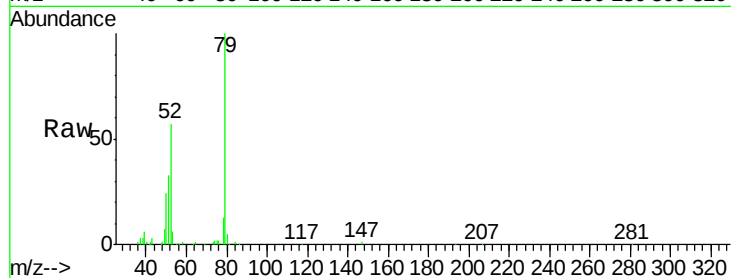
Tgt Ion: 79 Resp: 107977

Ion Ratio Lower Upper

79 100

52 56.8 69.9 104.9#

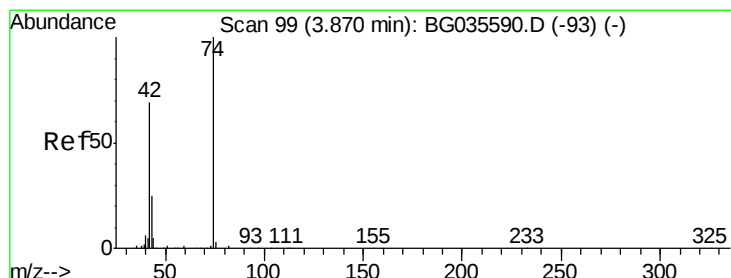
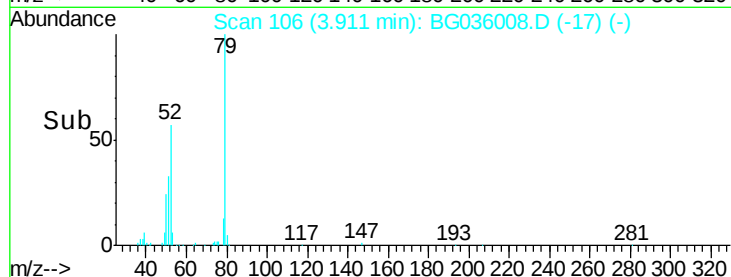
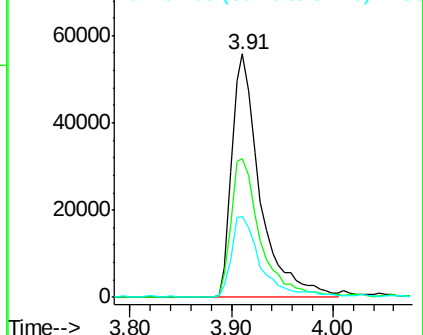
51 33.4 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 36.248 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

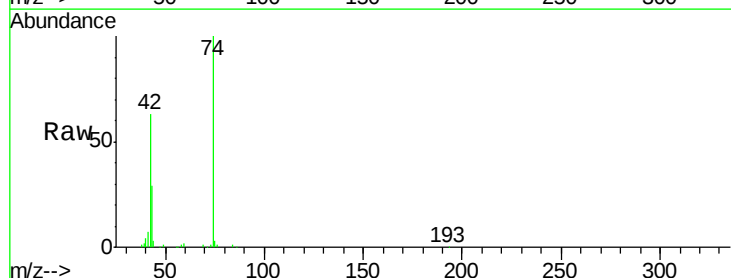
Tgt Ion: 42 Resp: 49089

Ion Ratio Lower Upper

42 100

74 159.5 102.5 153.7#

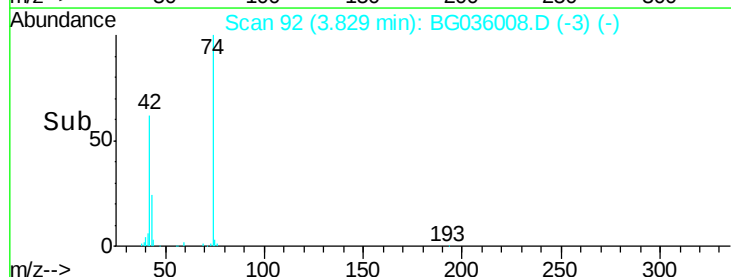
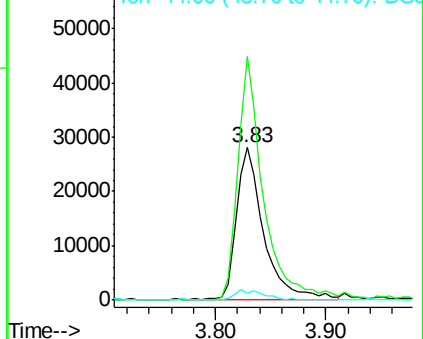
44 4.6 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 141.365 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

Instrument :

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ClientSampleId :

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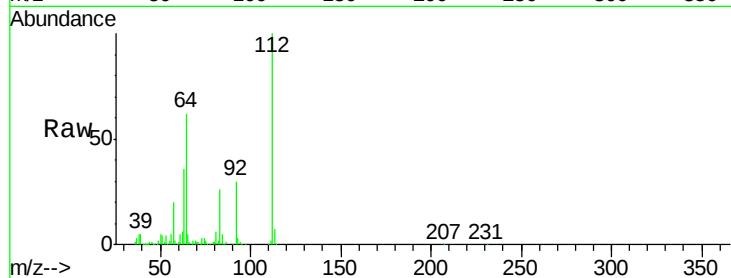
Tgt Ion: 112 Resp: 335566

Ion Ratio Lower Upper

112 100

64 61.7 56.3 84.5

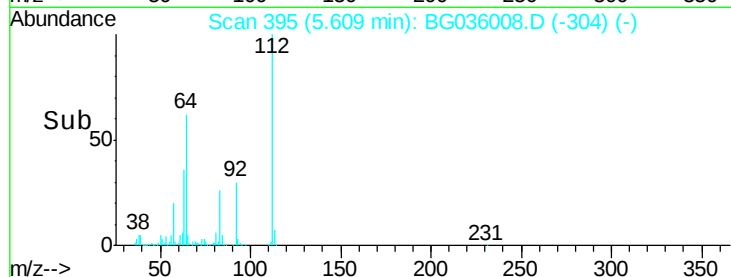
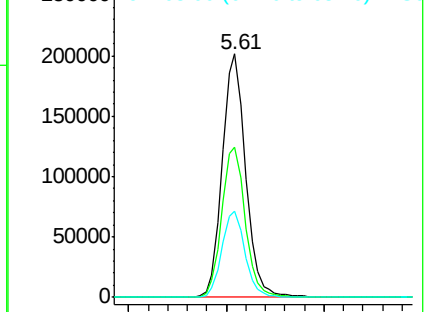
63 35.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 18.810 ng

RT: 7.35 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

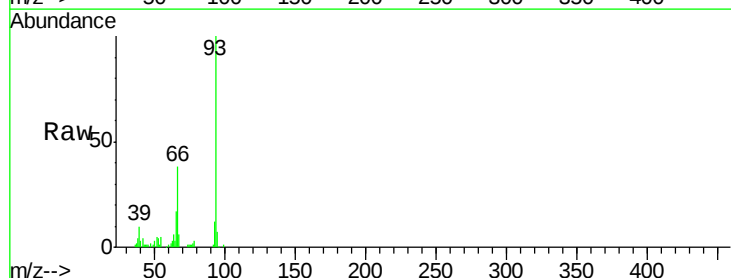
Tgt Ion: 93 Resp: 86347

Ion Ratio Lower Upper

93 100

66 38.4 33.7 50.5

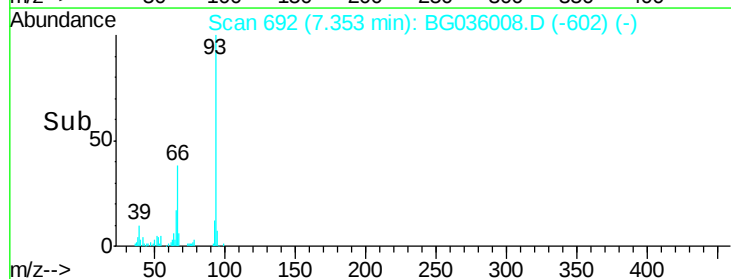
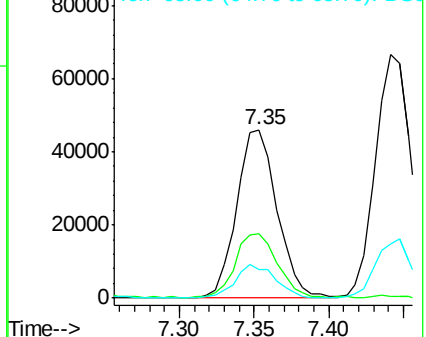
65 16.7 16.1 24.1

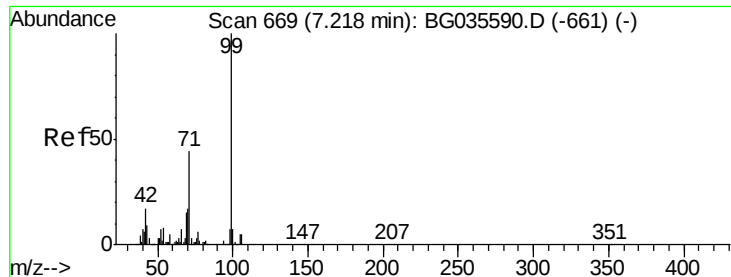


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 139.411 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

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BNA_G

ClientSampleId :

PB111635BS

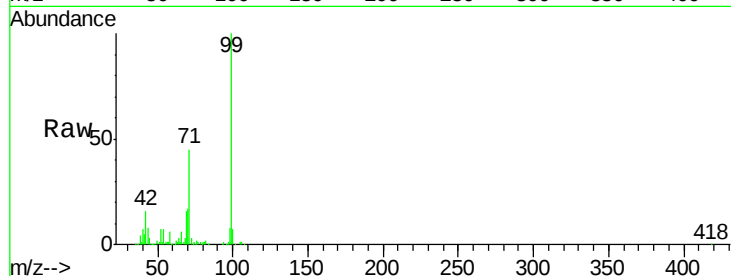
Tgt Ion: 99 Resp: 493740

Ion Ratio Lower Upper

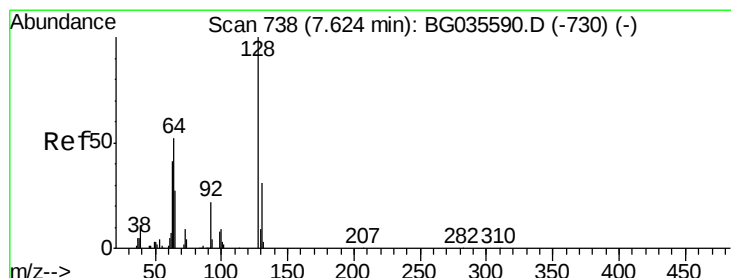
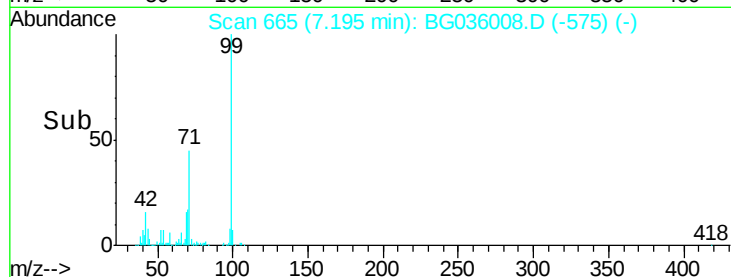
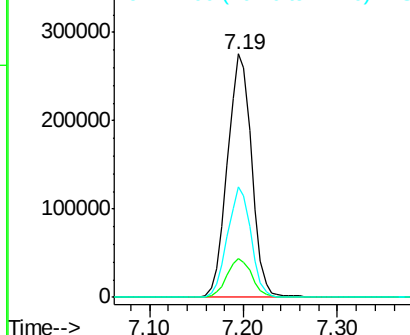
99 100

42 15.8 14.1 21.1

71 45.1 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 47.131 ng

RT: 7.59 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

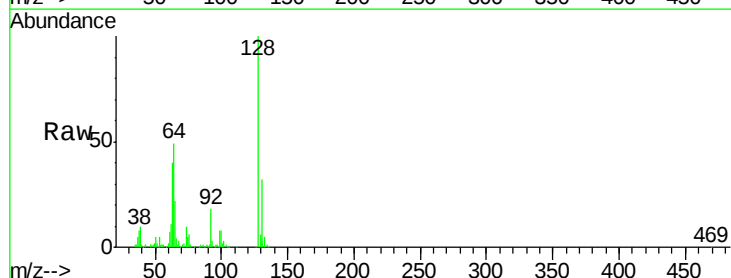
Tgt Ion: 128 Resp: 113786

Ion Ratio Lower Upper

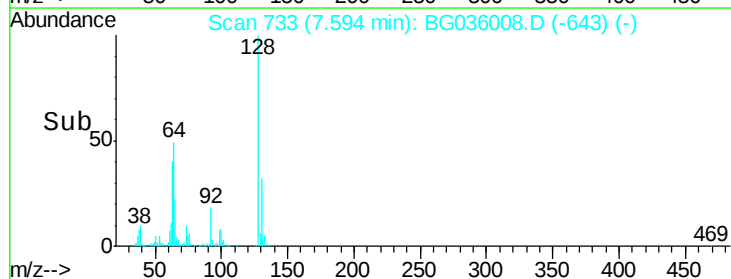
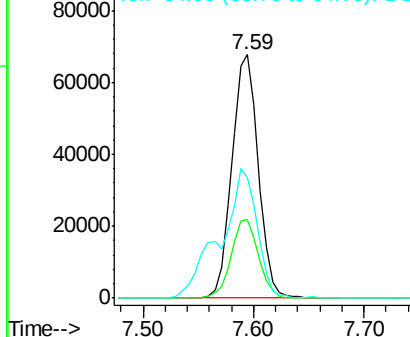
128 100

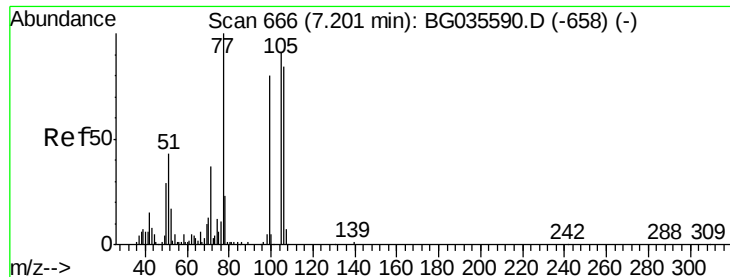
130 32.2 14.0 54.0

64 49.4 37.7 77.7



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





#9

Benzaldehyde

Concen: 31.589 ng

RT: 7.17 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

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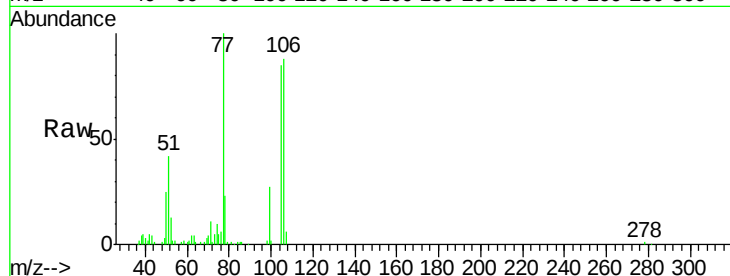
Tgt Ion: 77 Resp: 68646

Ion Ratio Lower Upper

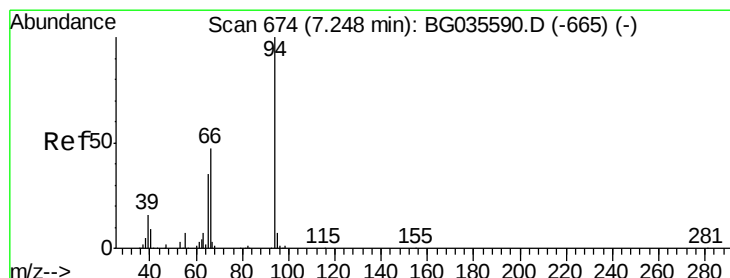
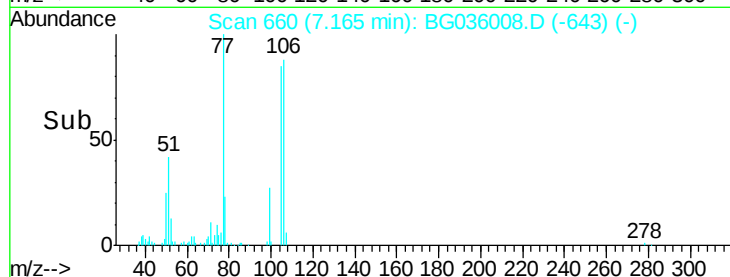
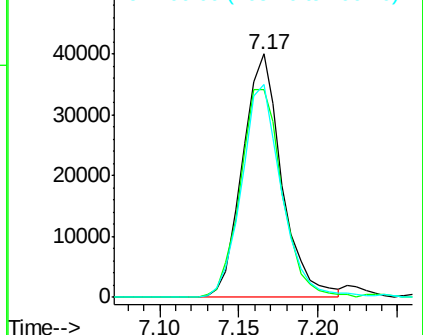
77 100

105 85.4 71.3 111.3

106 87.7 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: 47.718 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

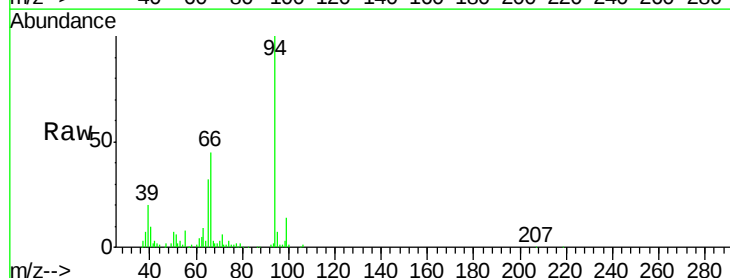
Tgt Ion: 94 Resp: 170739

Ion Ratio Lower Upper

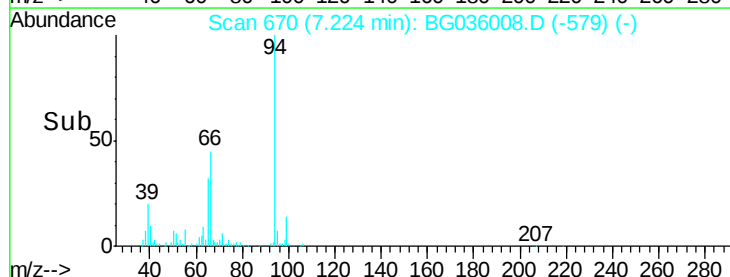
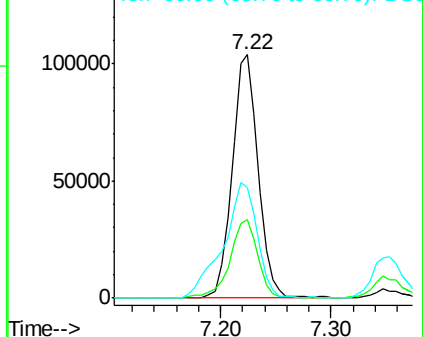
94 100

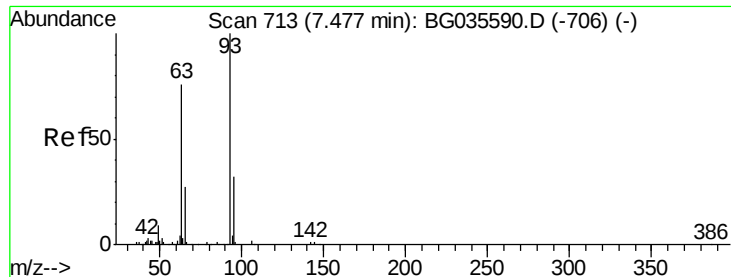
65 32.5 11.9 51.9

66 45.3 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

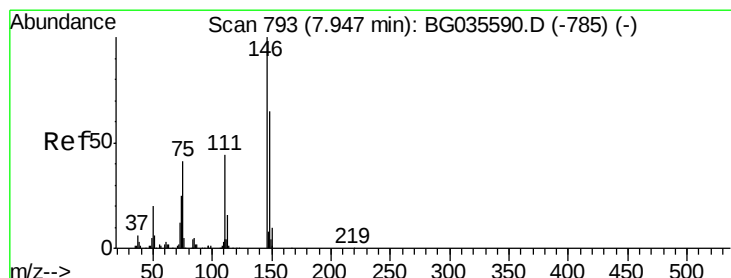
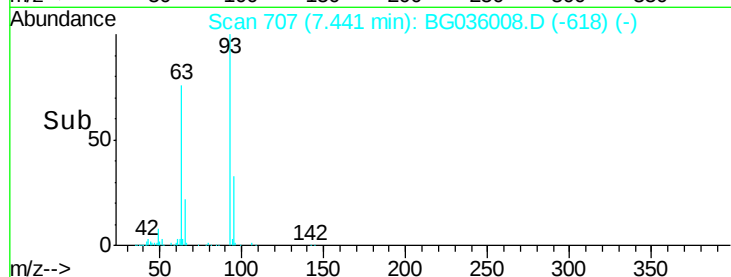
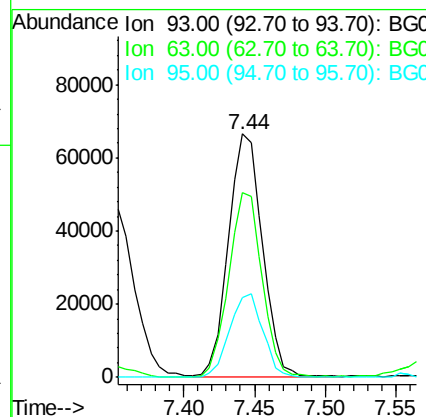
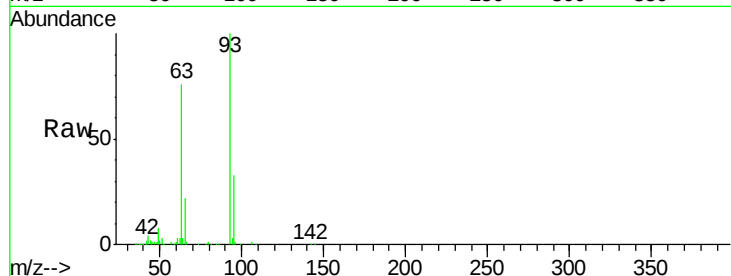




#11
bis(2-Chloroethyl)ether
Concen: 39.623 ng
RT: 7.44 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

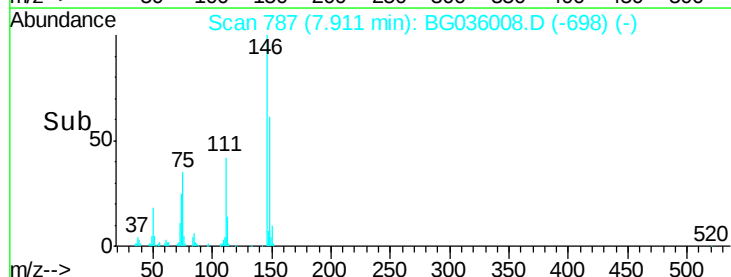
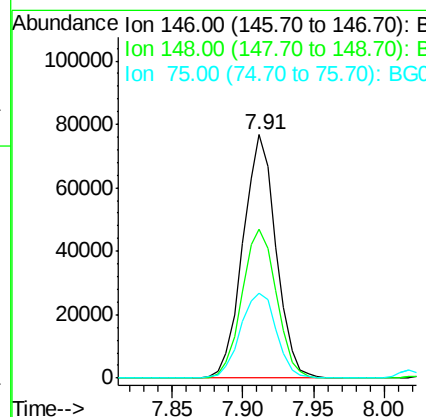
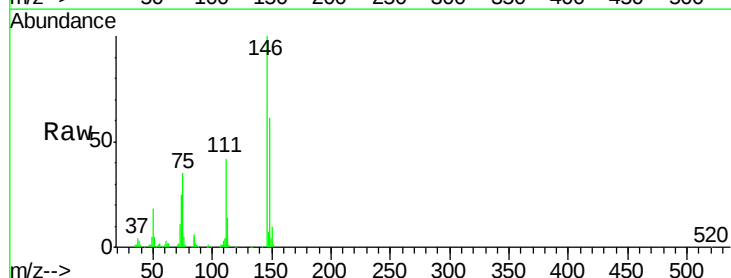
Instrument :
BNA_G
ClientSampleId :
PB111635BS

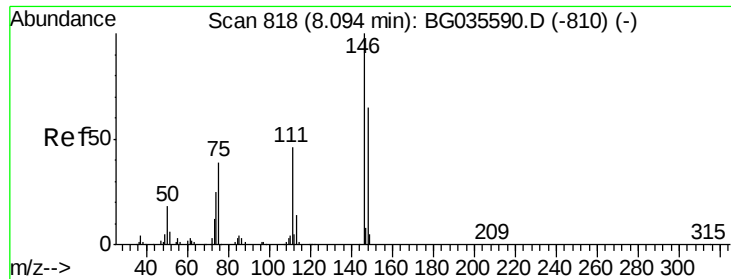
Tgt Ion: 93 Resp: 111031
Ion Ratio Lower Upper
93 100
63 76.0 67.1 107.1
95 32.9 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 43.084 ng
RT: 7.91 min Scan# 787
Delta R.T. -0.01 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

Tgt Ion: 146 Resp: 125607
Ion Ratio Lower Upper
146 100
148 61.2 51.4 77.2
75 34.9 26.6 39.8

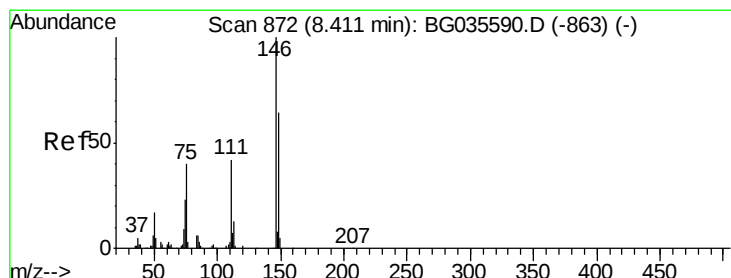
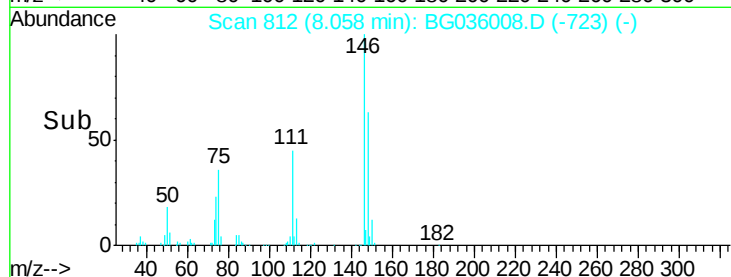
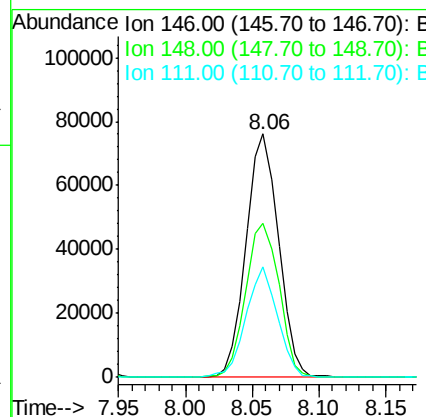
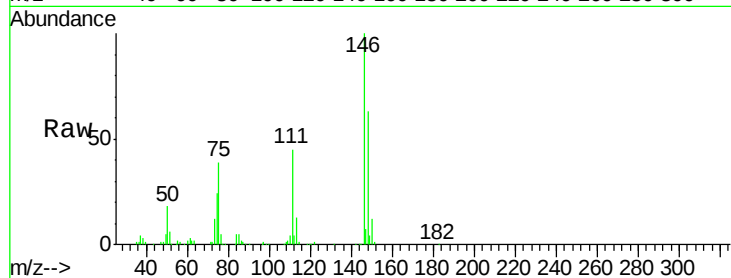




#13
 1,4-Dichlorobenzene
 Concen: 43.216 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

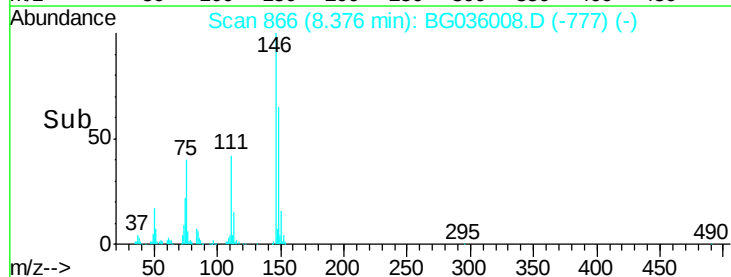
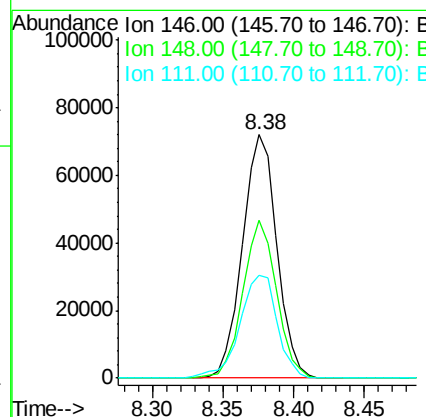
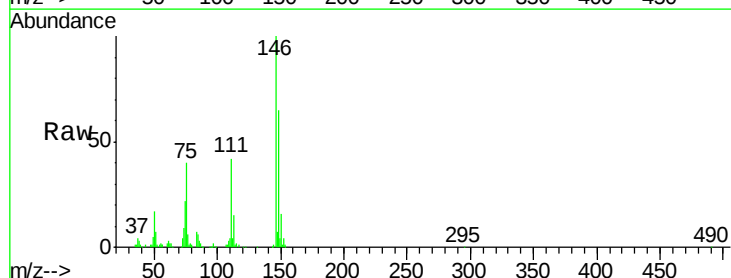
Instrument :
 BNA_G
 ClientSampleId :
 PB111635BS

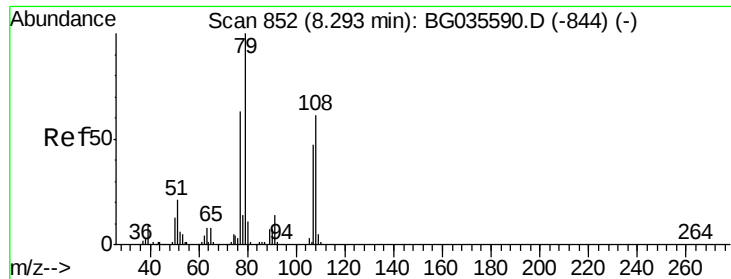
Tgt Ion:146 Resp: 128016
 Ion Ratio Lower Upper
 146 100
 148 63.1 53.7 80.5
 111 45.4 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 43.189 ng
 RT: 8.38 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

Tgt Ion:146 Resp: 122904
 Ion Ratio Lower Upper
 146 100
 148 65.0 49.3 73.9
 111 42.3 34.3 51.5





#15

Benzyl Alcohol

Concen: 41.706 ng

RT: 8.26 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

Instrument :

BNA_G

ClientSampleId :

PB111635BS

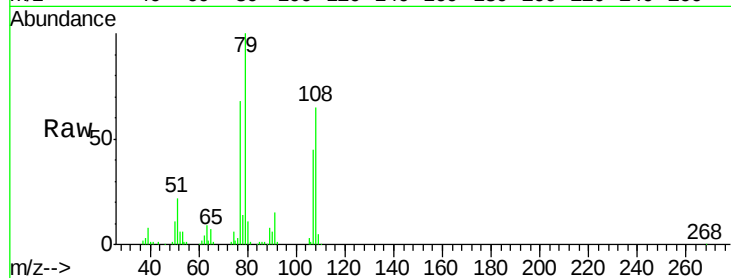
Tgt Ion: 79 Resp: 134131

Ion Ratio Lower Upper

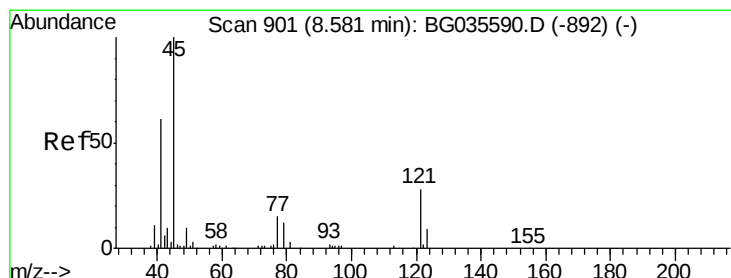
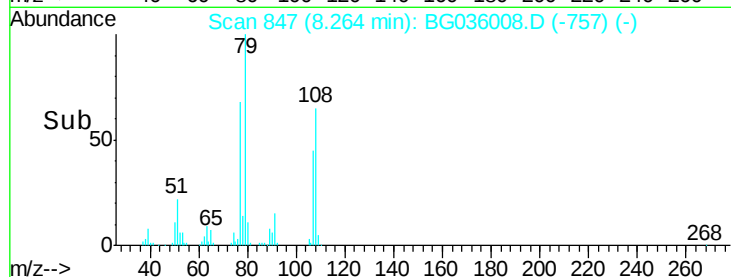
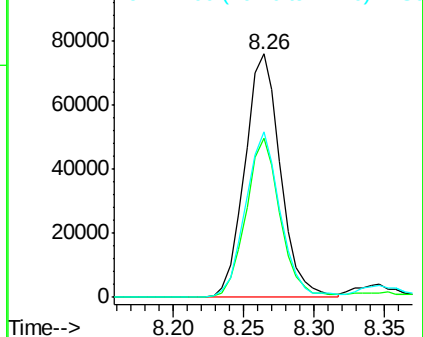
79 100

108 65.3 57.2 85.8

77 68.1 46.1 69.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 53.329 ng

RT: 8.55 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

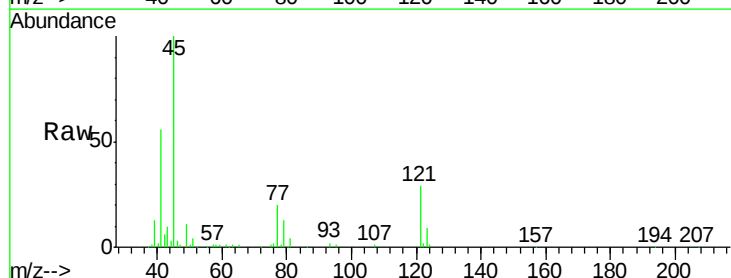
Tgt Ion: 45 Resp: 125284

Ion Ratio Lower Upper

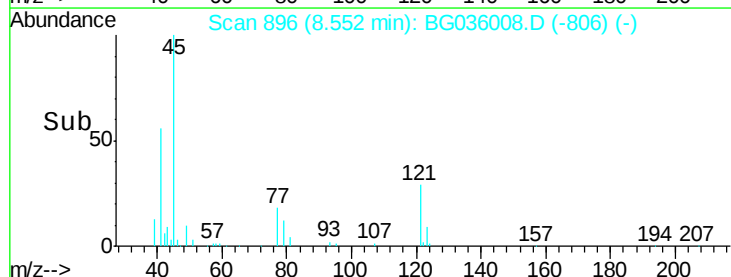
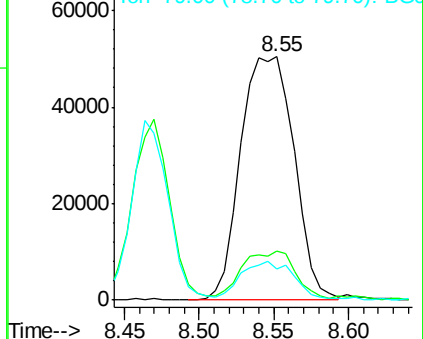
45 100

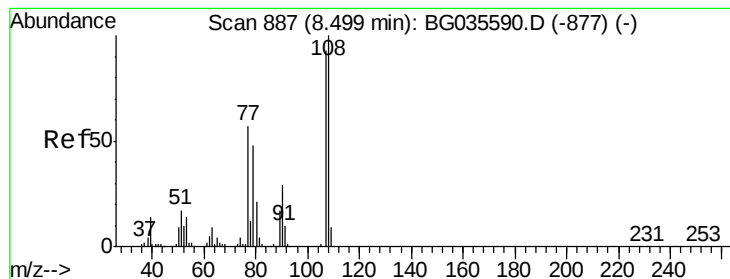
77 20.1 0.0 30.2

79 12.9 0.0 27.9



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





#17

2-Methylphenol

Concen: 46.633 ng

RT: 8.46 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

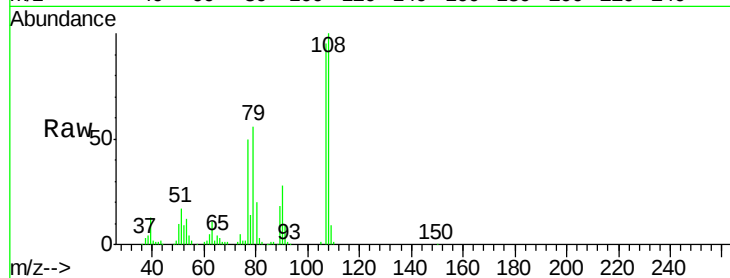
Instrument :

BNA_G

ClientSampleId :

PB111635BS

Tgt Ion:	107	Resp:	113447
Ion	Ratio	Lower	Upper
107	100		
108	105.3	83.9	125.9
77	53.1	37.2	55.8
79	58.5	36.2	54.2



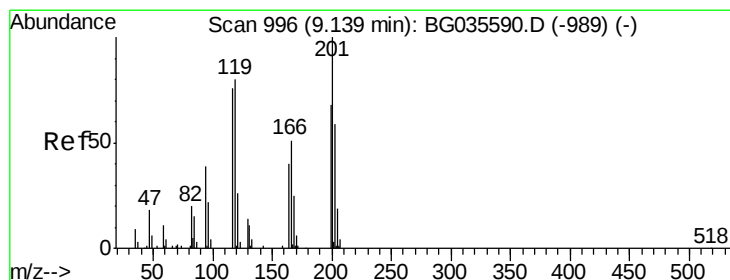
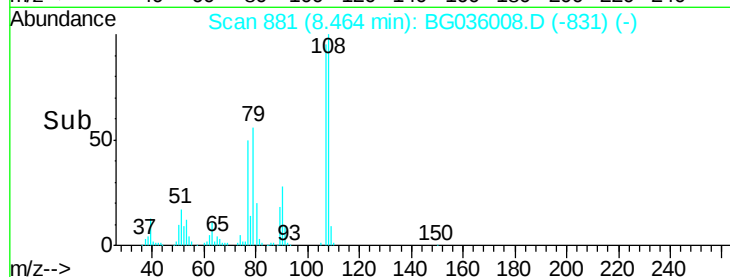
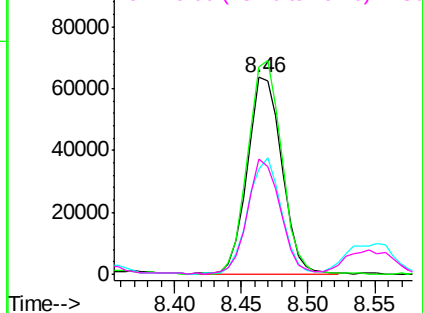
Abundance

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): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 42.409 ng

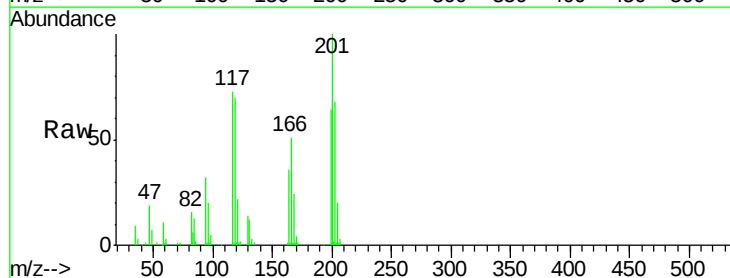
RT: 9.10 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

Tgt Ion:	117	Resp:	48033
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.7	115.1
201	137.9	95.7	143.5

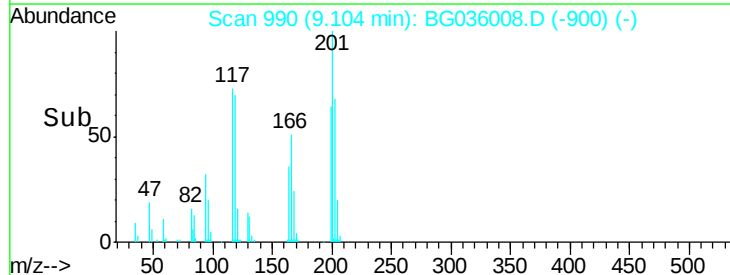
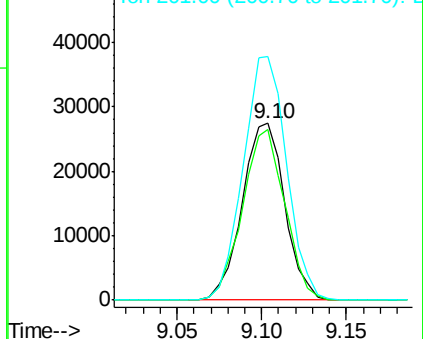


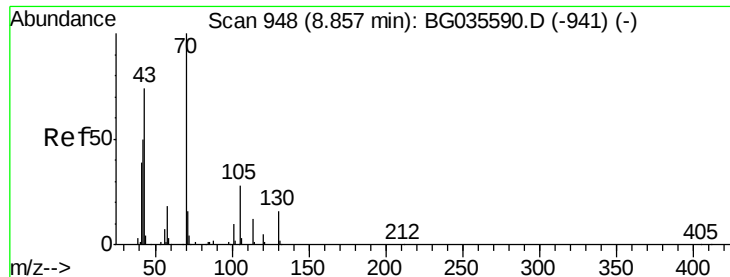
Abundance

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

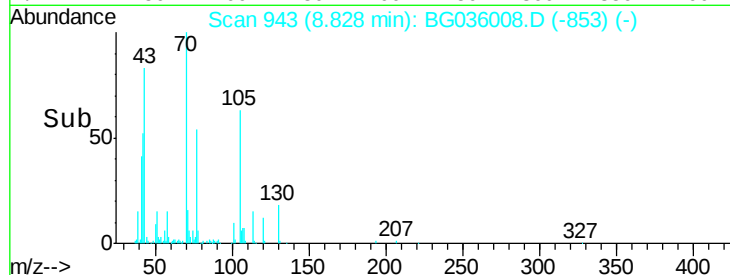
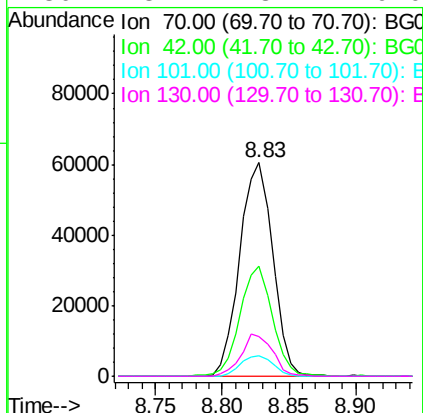
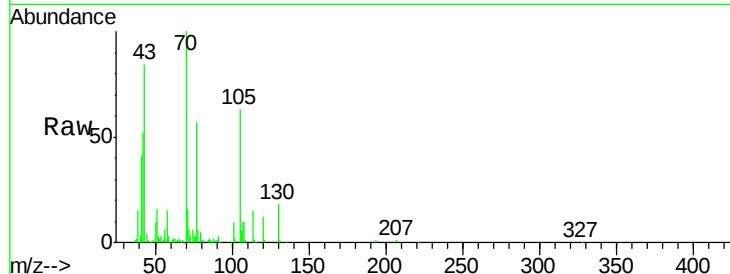




#19
n-Nitroso-di-n-propylamine
Concen: 34.778 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

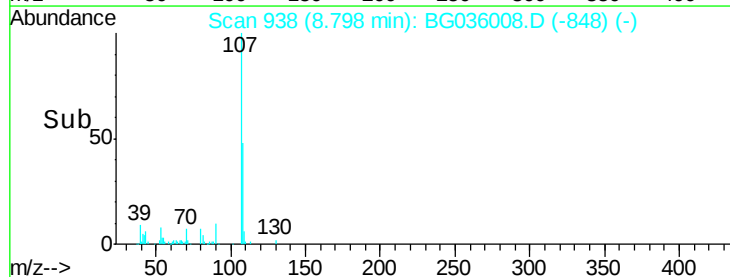
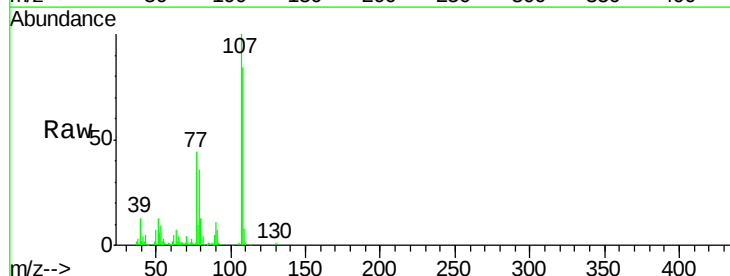
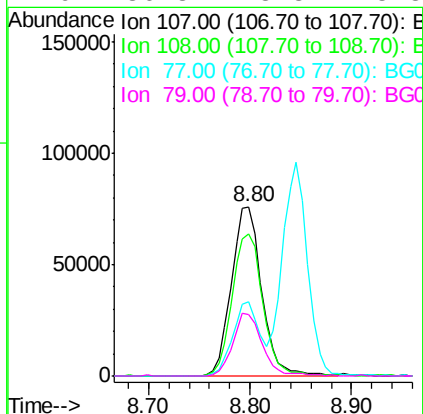
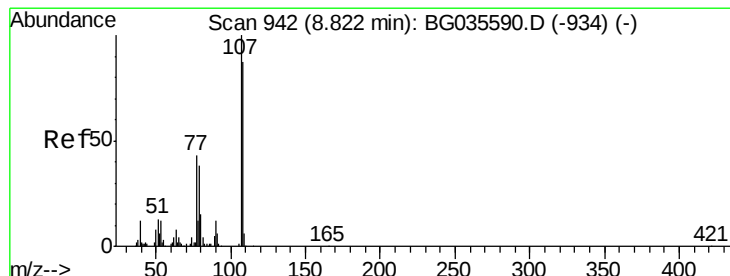
Instrument :
BNA_G
ClientSampleId :
PB111635BS

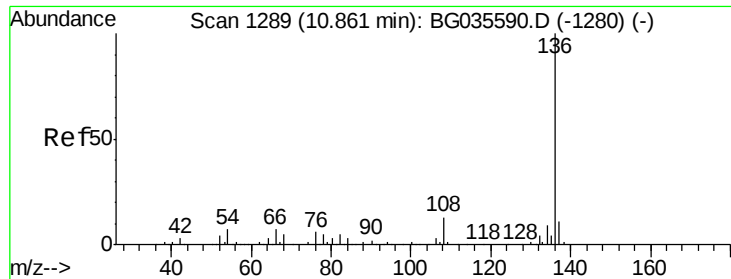
Tgt Ion:	70	Resp:	103719
Ion	Ratio	Lower	Upper
70	100		
42	51.6	49.1	73.7
101	9.7	8.5	12.7
130	18.4	13.4	20.0



#20
3+4-Methylphenols
Concen: 46.684 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

Tgt Ion:	107	Resp:	157554
Ion	Ratio	Lower	Upper
107	100		
108	84.3	61.6	101.6
77	43.9	13.9	53.9
79	36.3	8.8	48.8

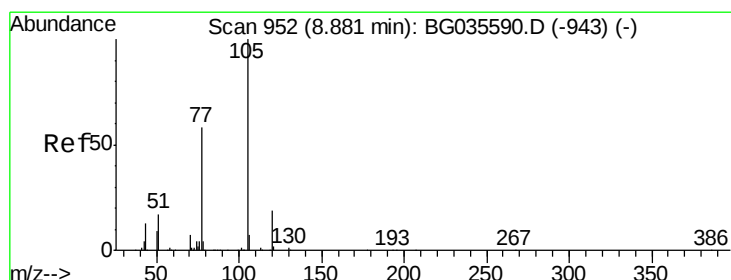
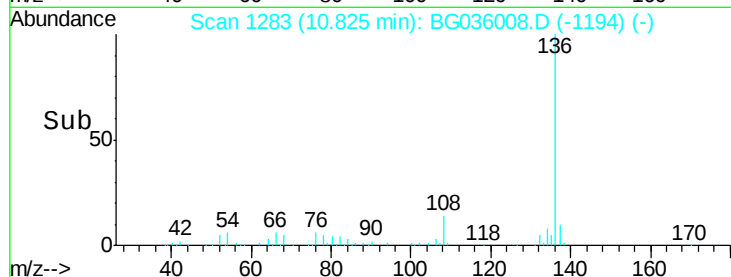
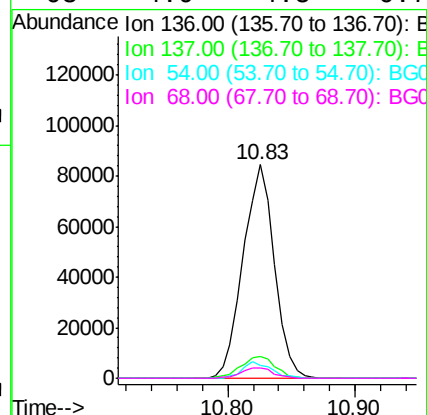
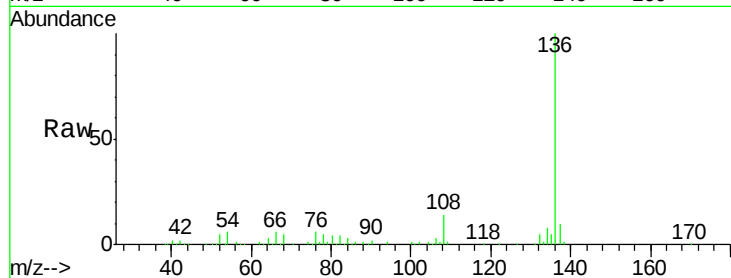




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

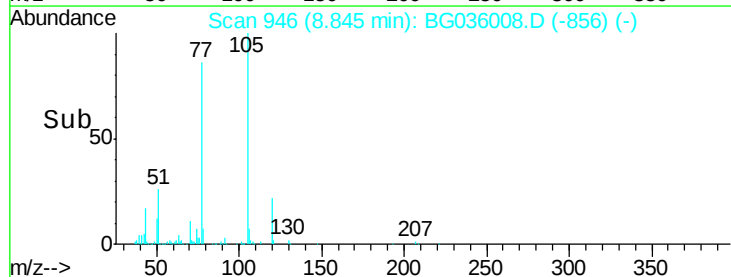
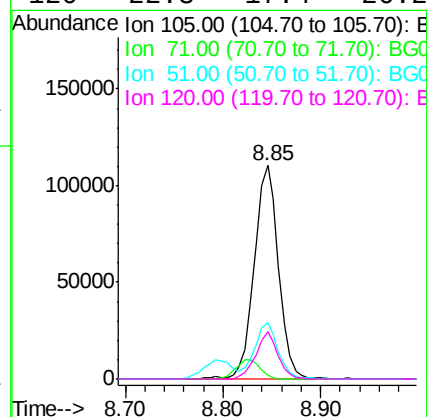
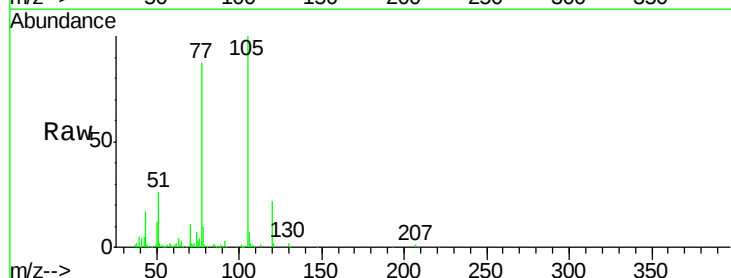
Instrument :
BNA_G
ClientSampleId :
PB111635BS

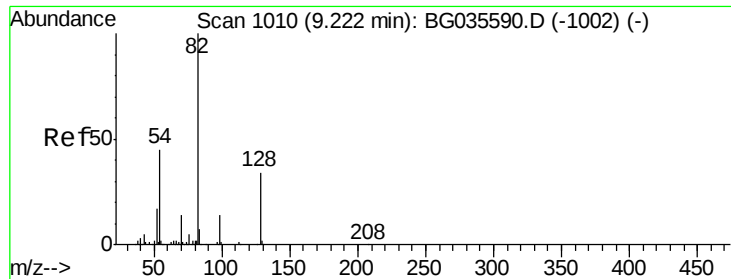
Tgt Ion:	136	Resp:	144140
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	6.0	10.3	15.5#
68	4.9	4.5	6.7



#22
Acetophenone
Concen: 43.041 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

Tgt Ion:	105	Resp:	192924
Ion	Ratio	Lower	Upper
105	100		
71	1.5	3.0	4.4#
51	26.3	26.1	39.1
120	22.3	17.4	26.2

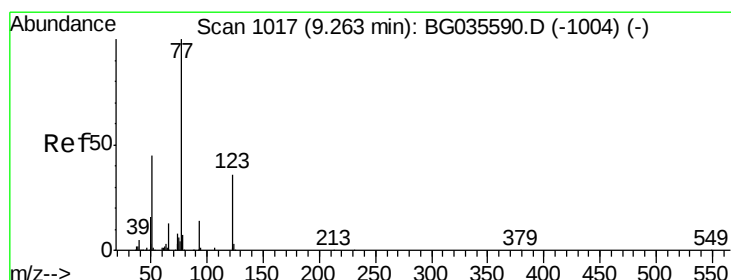
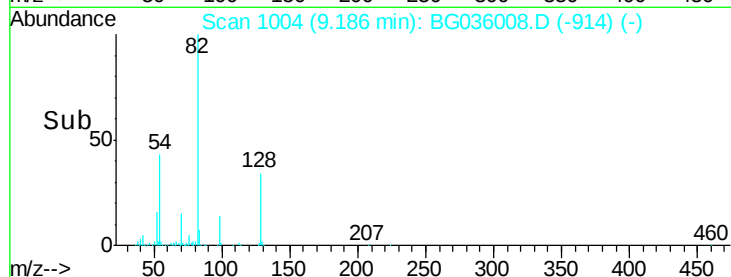
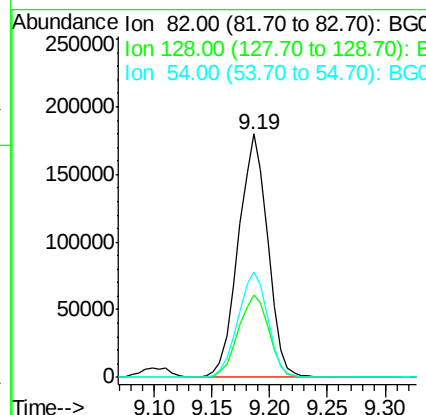
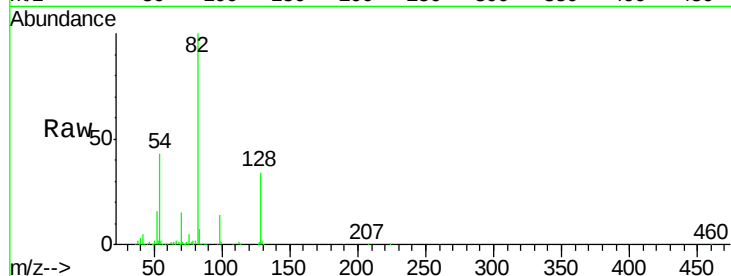




#23
 Nitrobenzene-d5
 Concen: 92.134 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

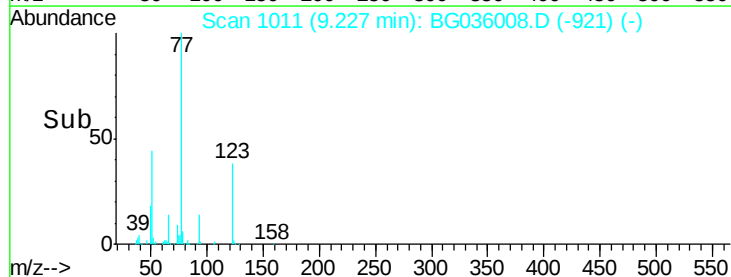
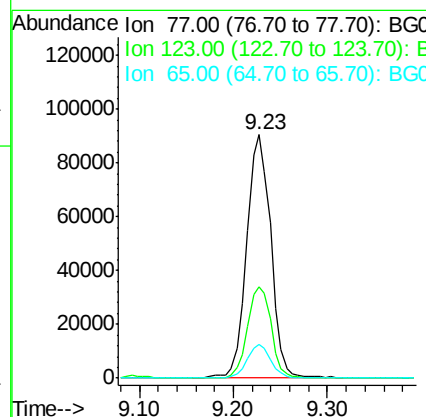
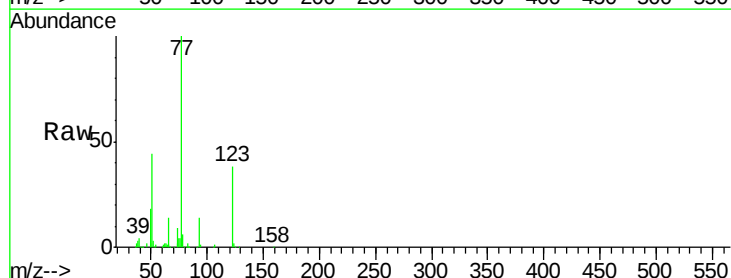
Instrument :
 BNA_G
 ClientSampleId :
 PB111635BS

Tgt Ion: 82 Resp: 317899
 Ion Ratio Lower Upper
 82 100
 128 33.7 29.7 44.5
 54 43.4 43.1 64.7



#24
 Nitrobenzene
 Concen: 46.250 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

Tgt Ion: 77 Resp: 160491
 Ion Ratio Lower Upper
 77 100
 123 37.7 33.0 49.6
 65 14.0 13.0 19.6

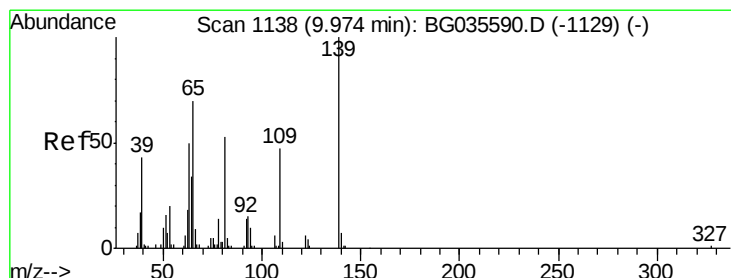
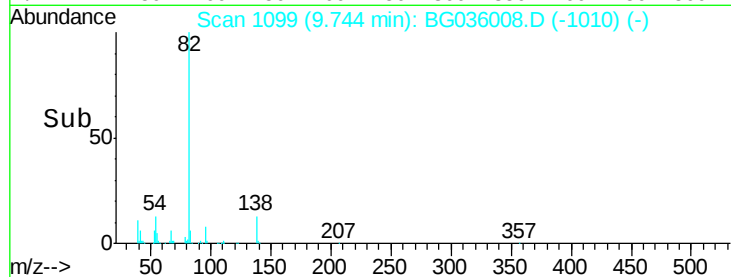
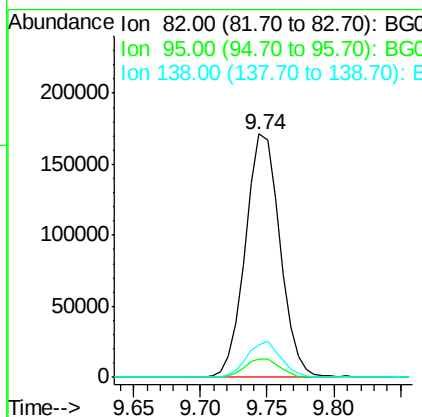
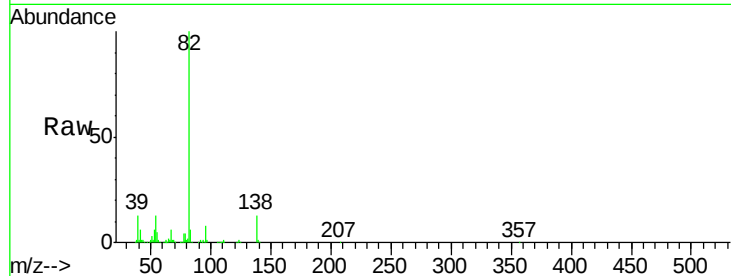




#25
Isophorone
Concen: 47.994 ng
RT: 9.74 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

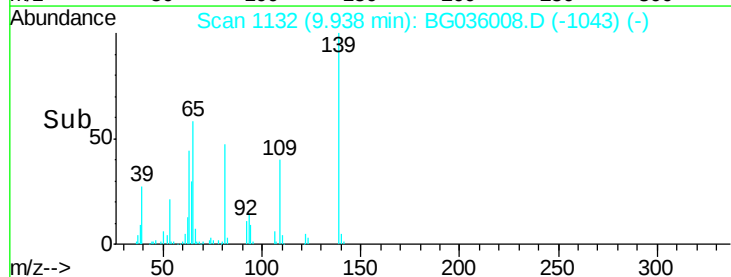
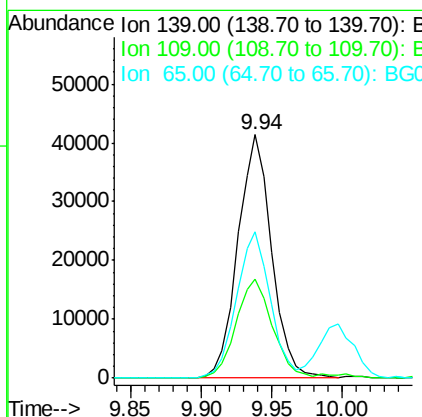
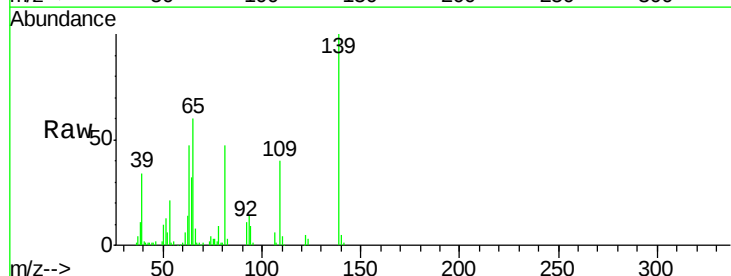
Instrument :
BNA_G
ClientSampleId :
PB111635BS

Tgt Ion: 82 Resp: 307410
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 13.3 12.1 18.1



#26
2-Nitrophenol
Concen: 56.027 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

Tgt Ion: 139 Resp: 69048
Ion Ratio Lower Upper
139 100
109 40.4 24.2 36.2#
65 60.0 47.4 71.0

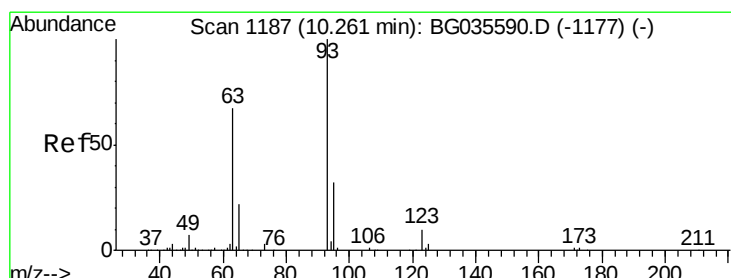
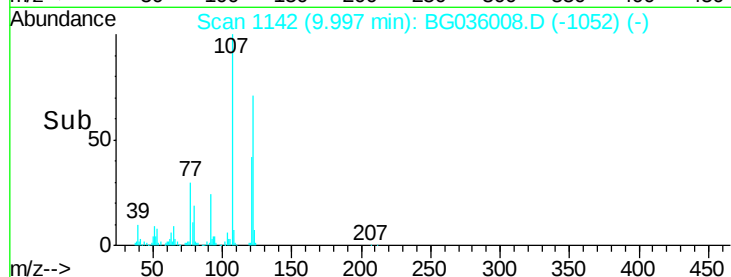
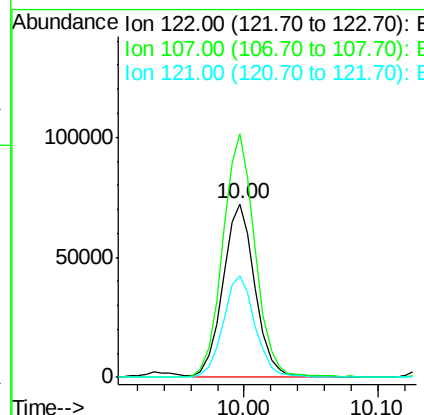
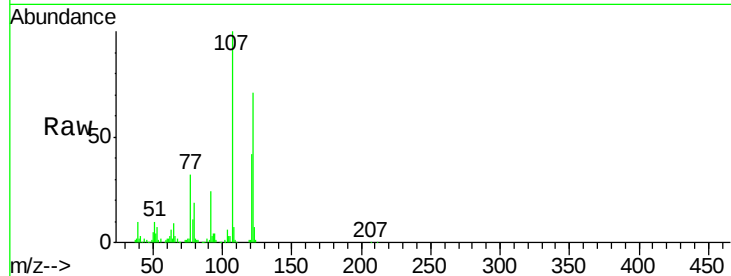




#27
2,4-Dimethylphenol
Concen: 57.869 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

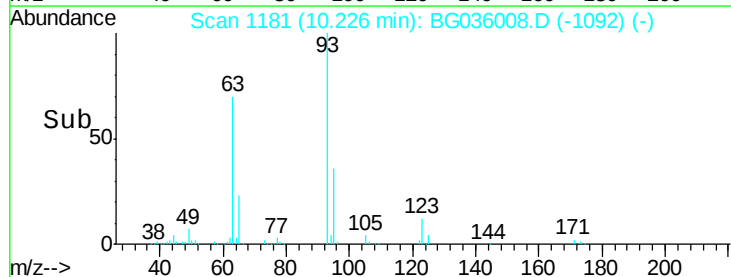
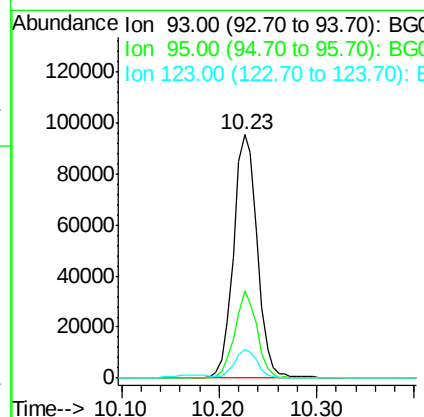
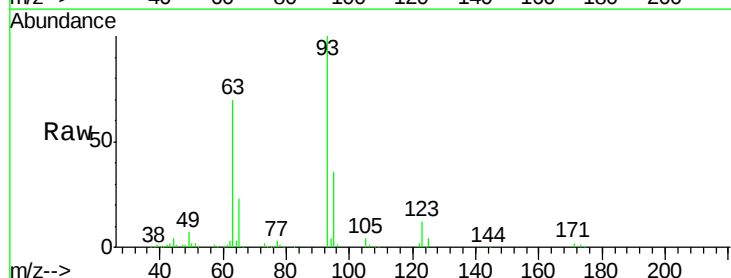
Instrument :
BNA_G
ClientSampleId :
PB111635BS

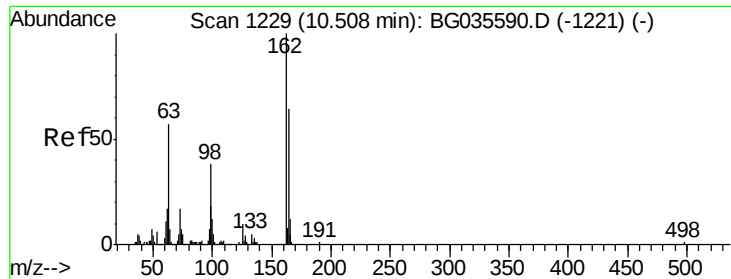
Tgt Ion	Ratio	Lower	Upper
122	100		
107	140.6	100.2	150.2
121	58.9	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.607 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.0	24.3	36.5
123	11.6	8.4	12.6

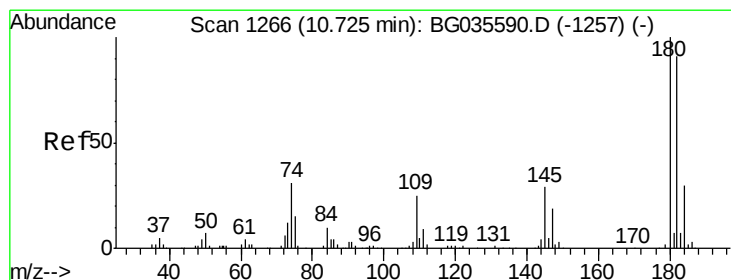
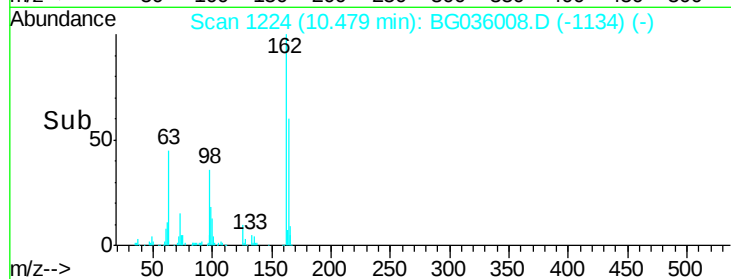
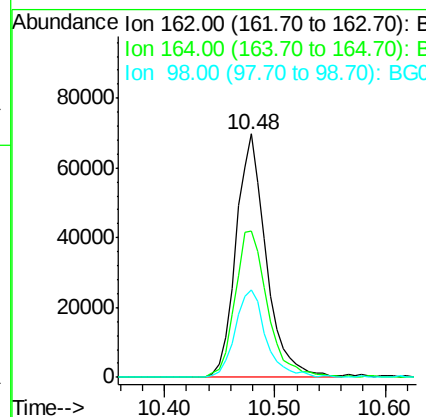
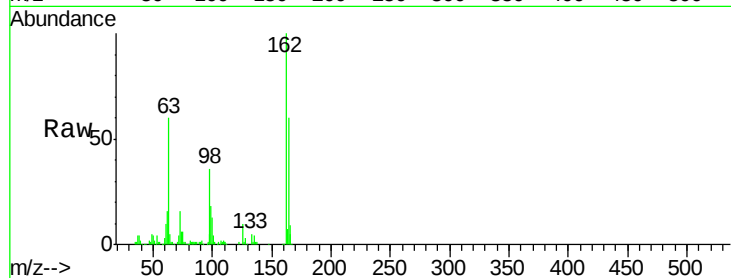




#29
 2,4-Dichlorophenol
 Concen: 56.211 ng
 RT: 10.48 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

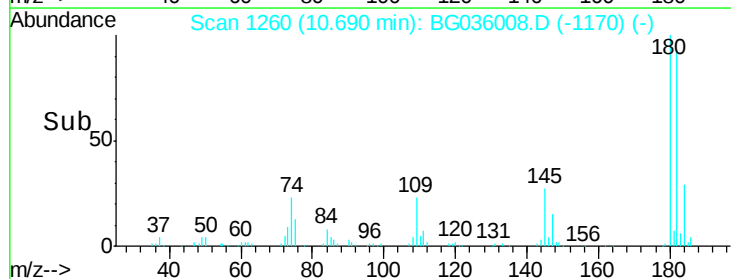
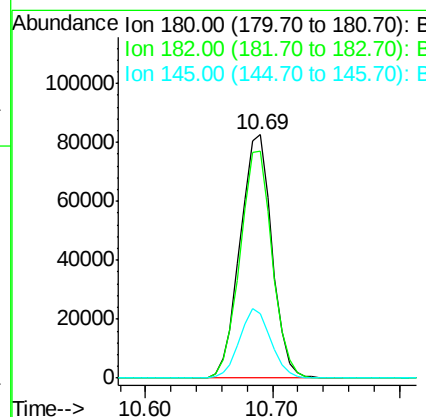
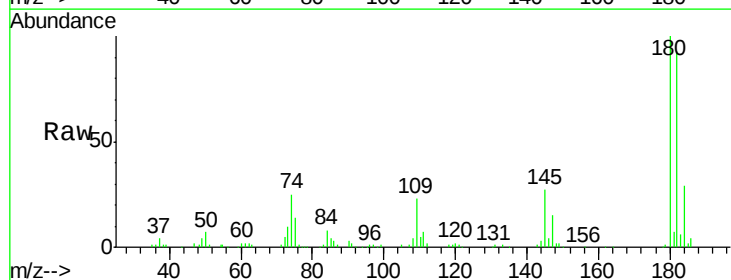
Instrument :
 BNA_G
 ClientSampleId :
 PB111635BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.0	48.0	88.0
98	36.1	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 49.154 ng
 RT: 10.69 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.5	116.3
145	26.5	23.4	35.2

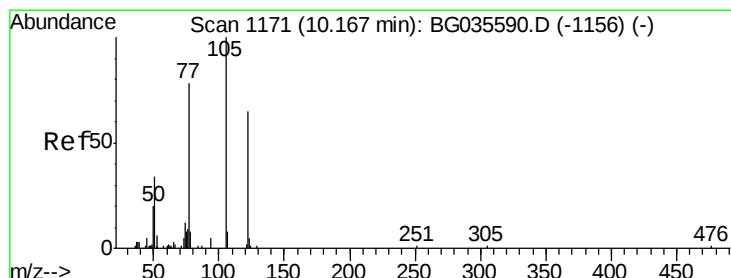
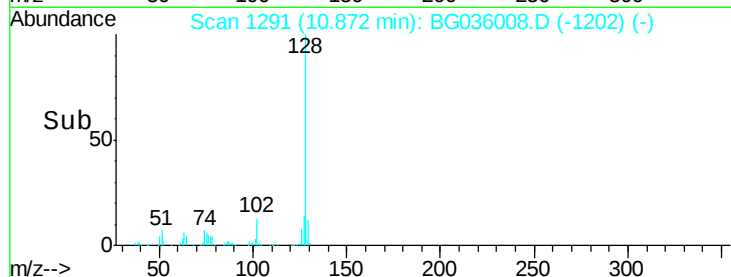
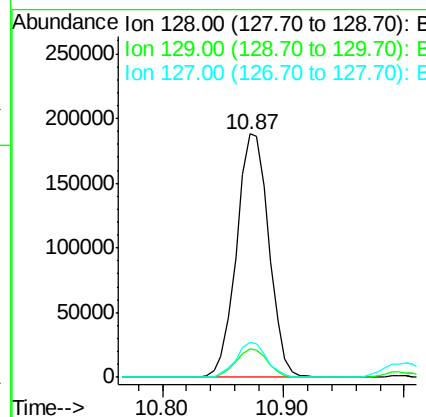
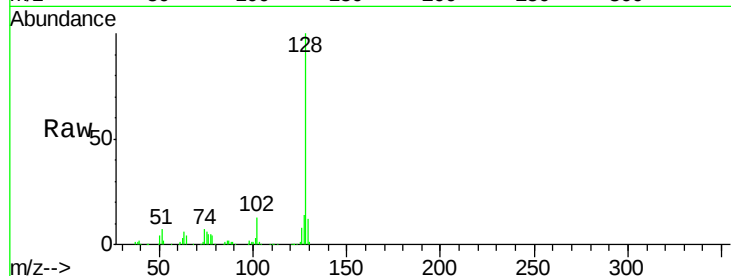




#31
Naphthalene
Concen: 46.642 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

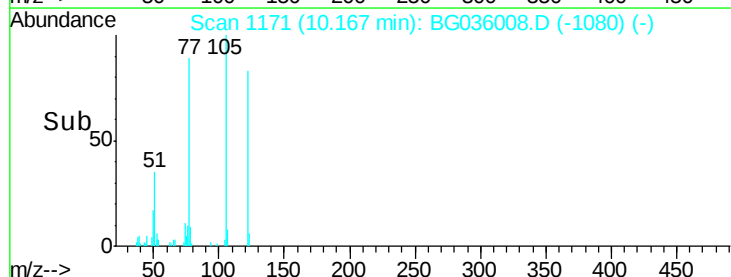
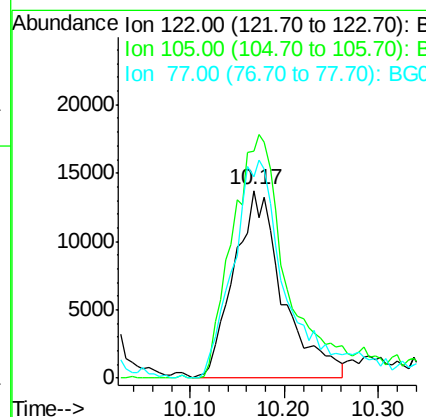
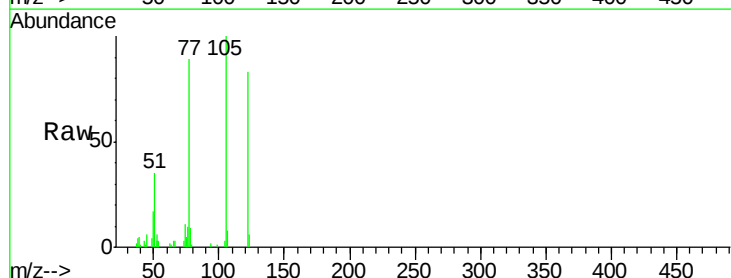
Instrument :
BNA_G
ClientSampleId :
PB111635BS

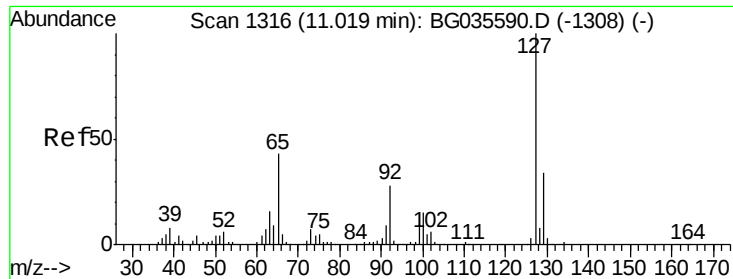
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	12.8
127	14.3	11.6	17.4



#32
Benzoic acid
Concen: 35.484 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.0	123.5	163.5#
77	107.4	85.7	125.7

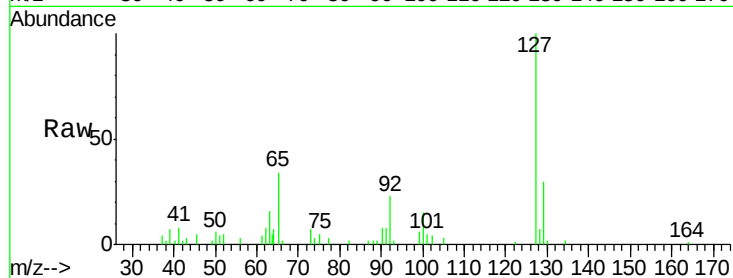




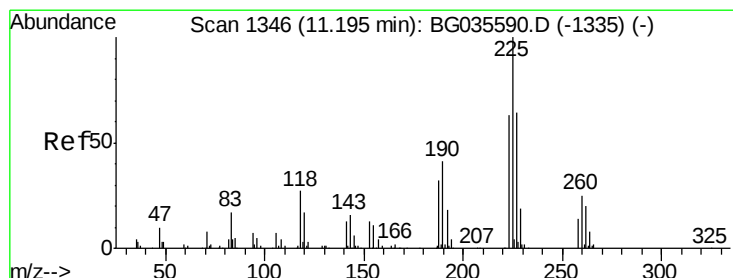
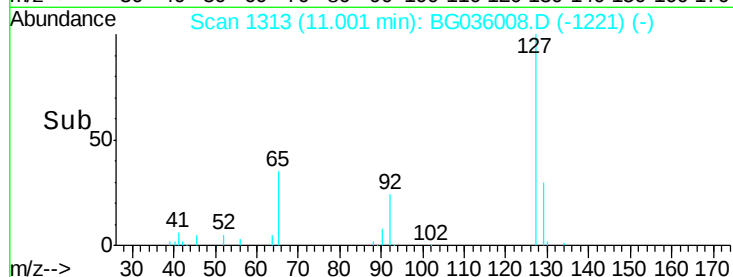
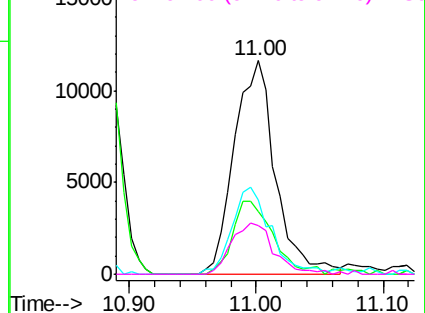
#33
4-Chloroaniline
Concen: 7.990 ng
RT: 11.00 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

Instrument :
BNA_G
ClientSampleId :
PB111635BS

Tgt Ion:	127	Resp:	26147
Ion	Ratio	Lower	Upper
127	100		
129	29.5	24.0	36.0
65	34.5	27.0	40.4
92	22.8	16.6	25.0

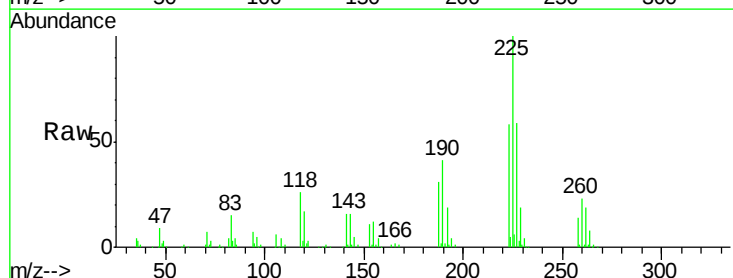


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

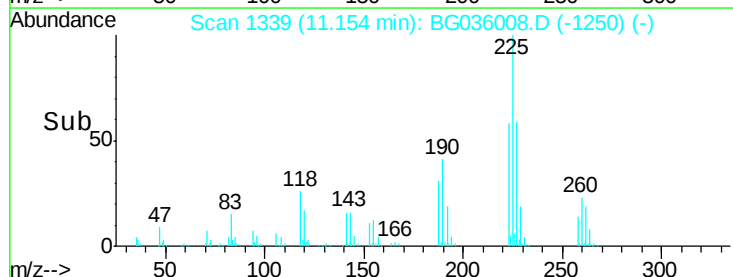
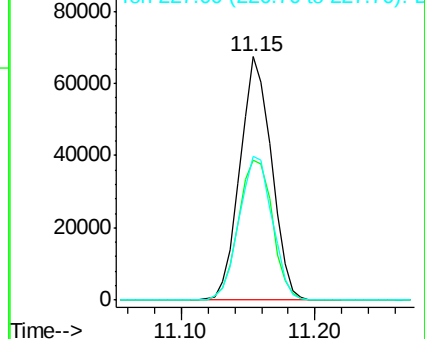


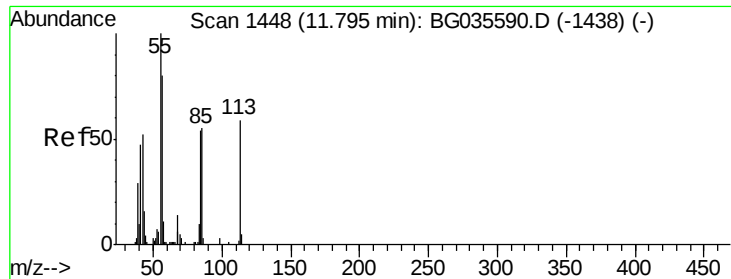
#34
Hexachlorobutadiene
Concen: 48.323 ng
RT: 11.15 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

Tgt Ion:	225	Resp:	110030
Ion	Ratio	Lower	Upper
225	100		
223	57.7	49.7	74.5
227	58.8	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

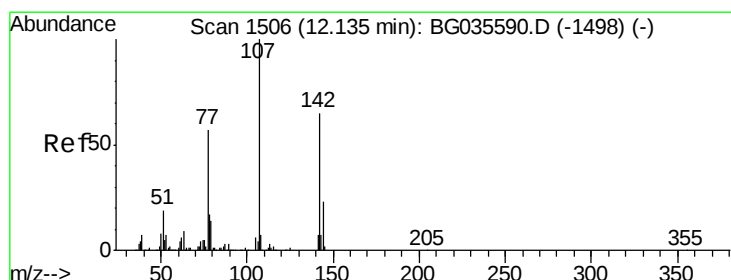
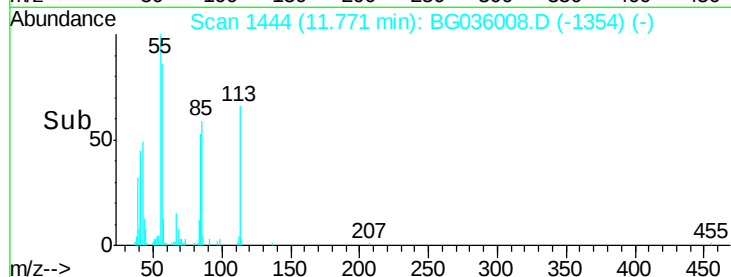
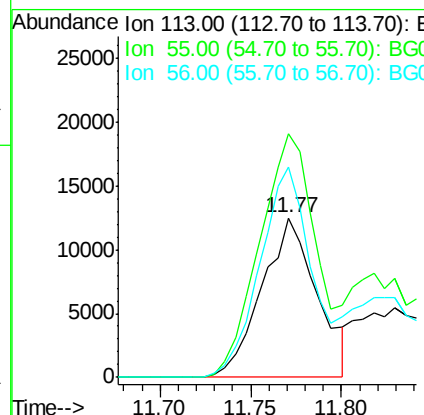
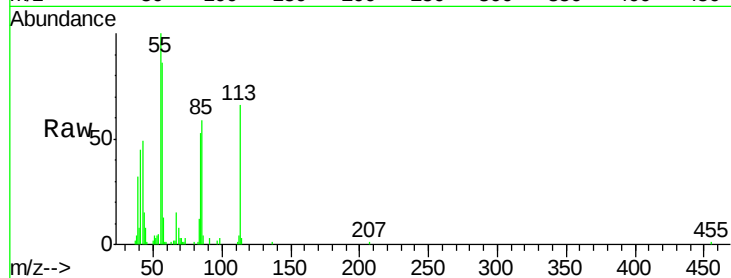




#35
 Caprolactam
 Concen: 25.846 ng
 RT: 11.77 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

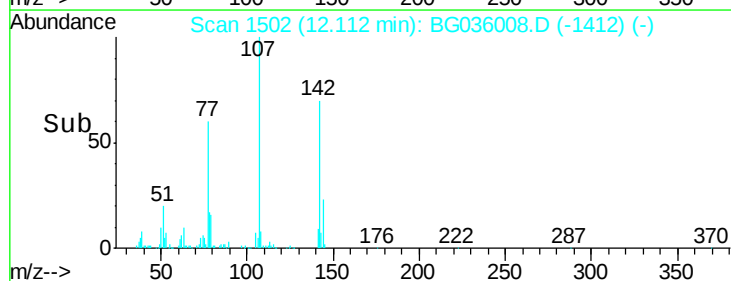
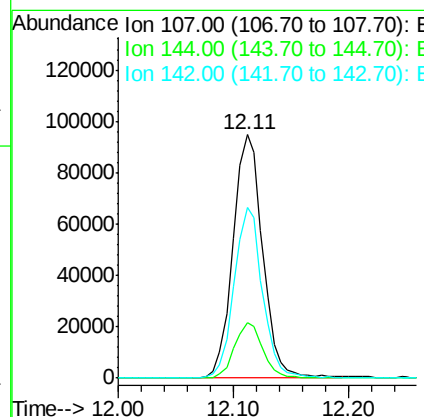
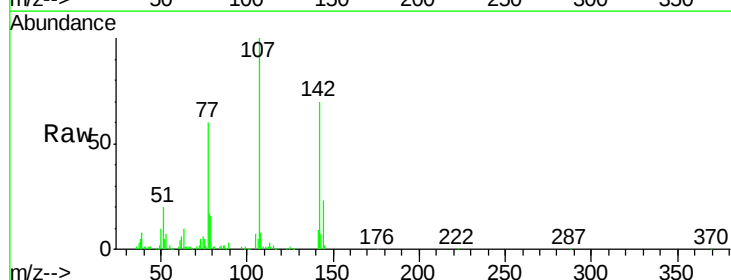
Instrument :
 BNA_G
 ClientSampleId :
 PB111635BS

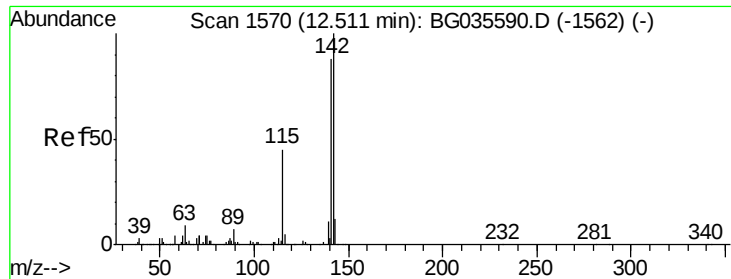
Tgt Ion:113 Resp: 26412
 Ion Ratio Lower Upper
 113 100
 55 152.5 186.9 226.9#
 56 131.3 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 52.794 ng
 RT: 12.11 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

Tgt Ion:107 Resp: 168514
 Ion Ratio Lower Upper
 107 100
 144 22.5 18.2 27.4
 142 70.1 59.0 88.4

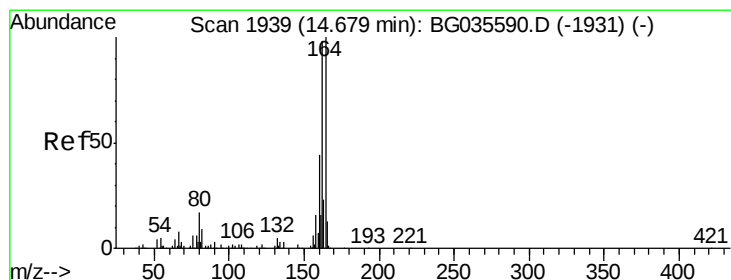
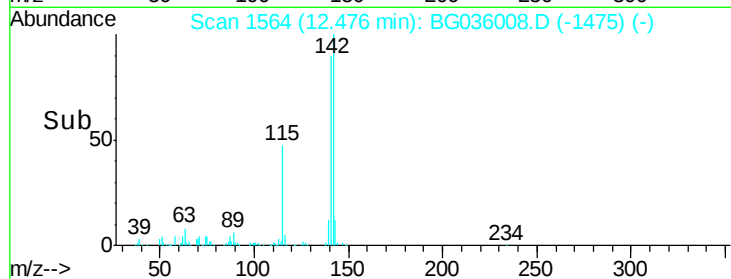
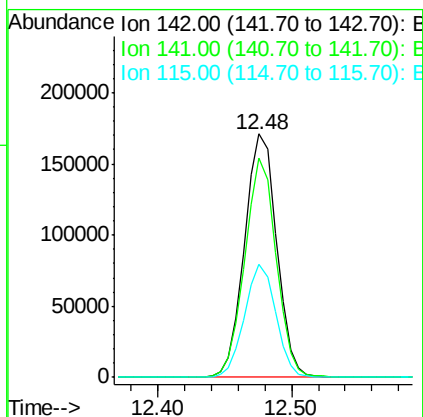
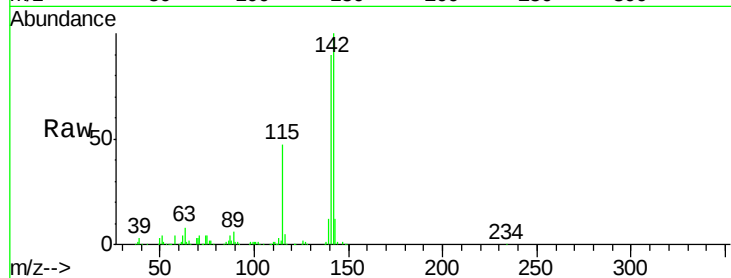




#37
 2-Methylnaphthalene
 Concen: 50.834 ng
 RT: 12.48 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

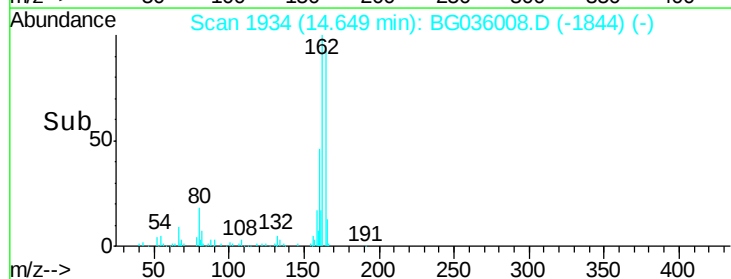
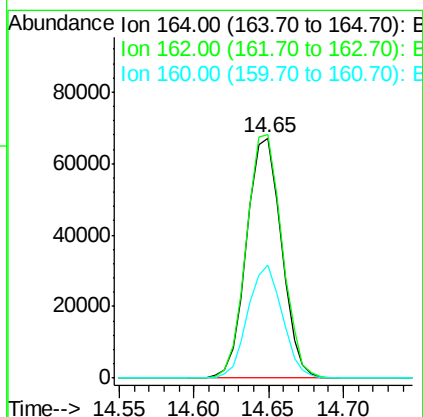
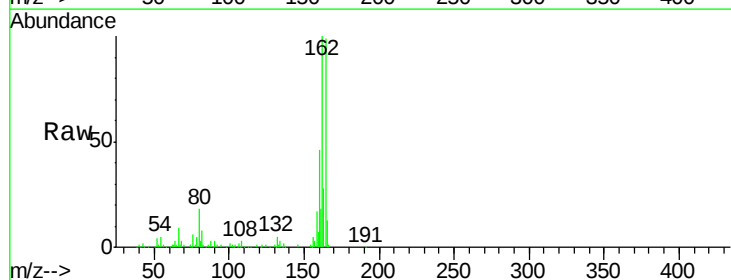
Instrument :
 BNA_G
 ClientSampleId :
 PB111635BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	67.1	100.7
115	46.6	30.7	46.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	78.8	118.2
160	46.8	35.4	53.0

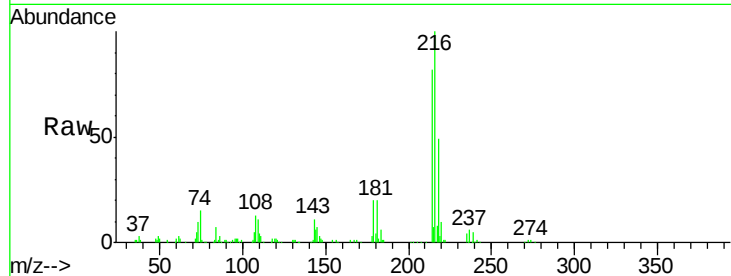




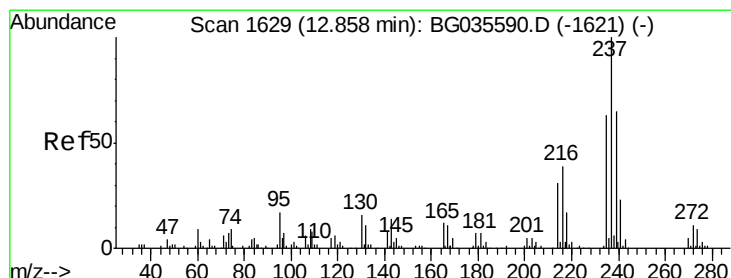
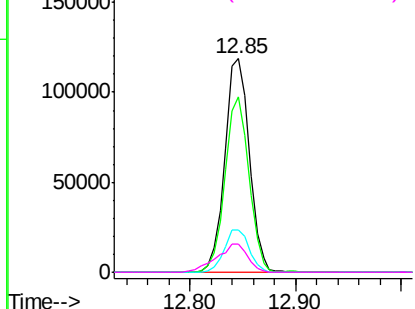
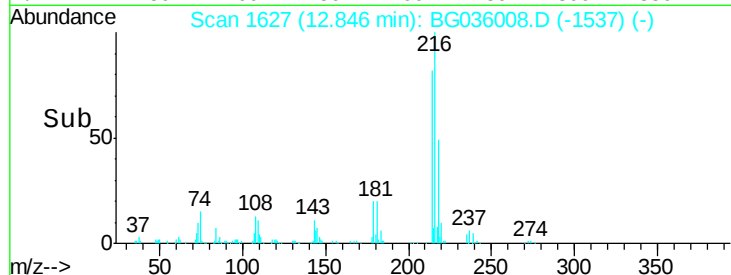
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.550 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111635BS

Tgt Ion:	216	Resp:	190477
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.0	94.4
179	19.8	17.0	25.6
108	16.8	12.8	19.2

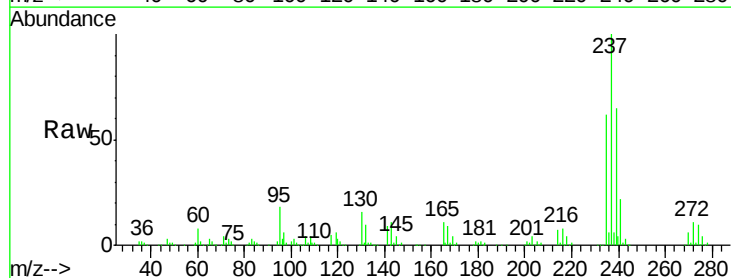


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

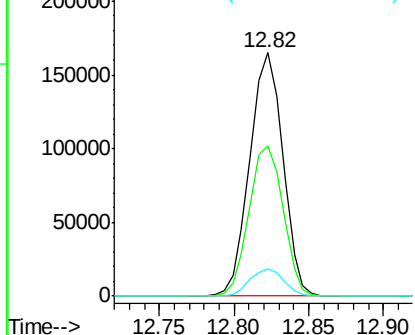
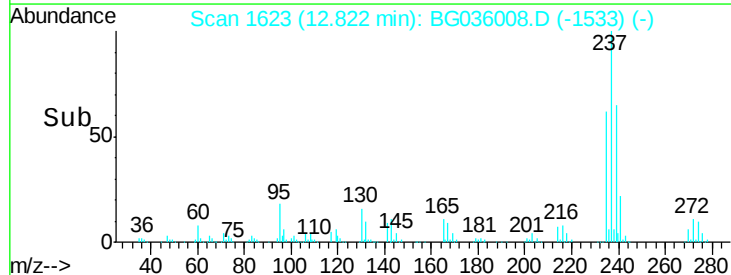


#40
 Hexachlorocyclopentadiene
 Concen: 118.040 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

Tgt Ion:	237	Resp:	253311
Ion	Ratio	Lower	Upper
237	100		
235	61.7	50.4	90.4
272	11.4	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

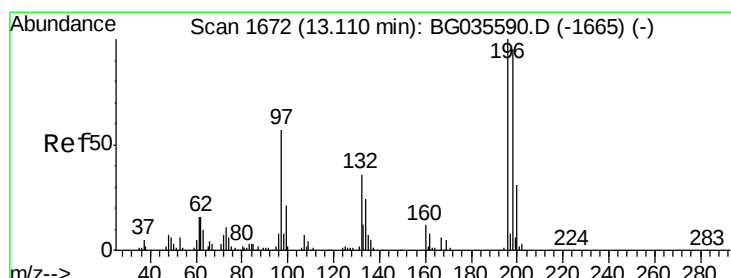
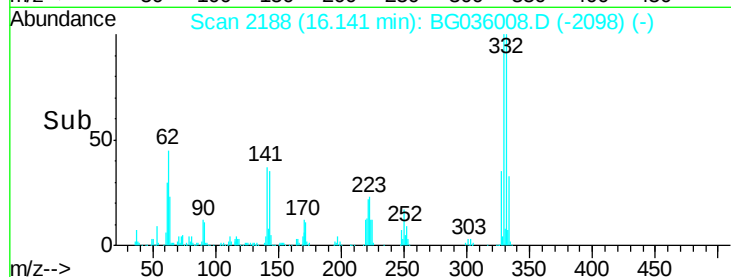
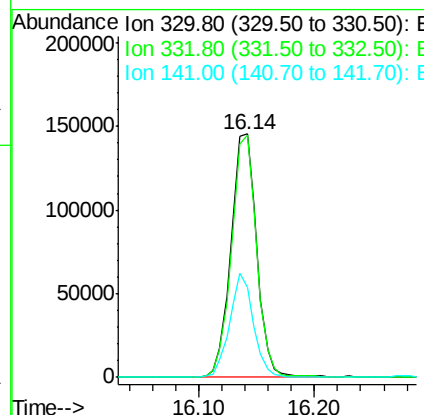
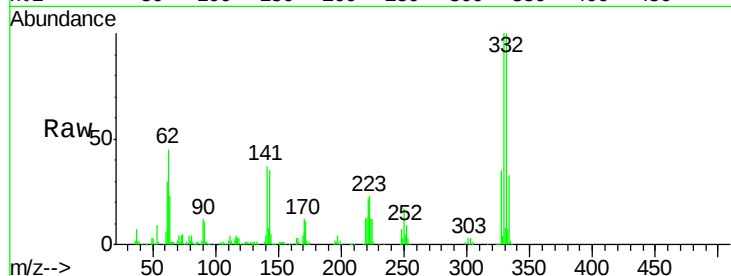




#41
 2,4,6-Tribromophenol
 Concen: 157.498 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

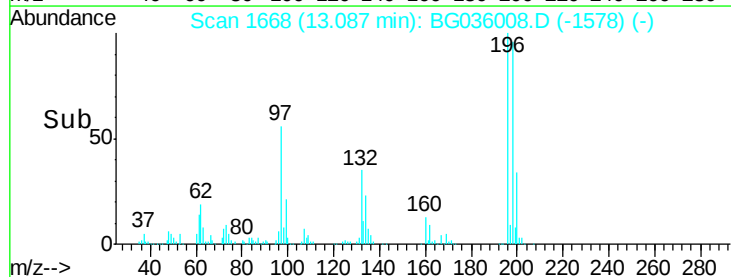
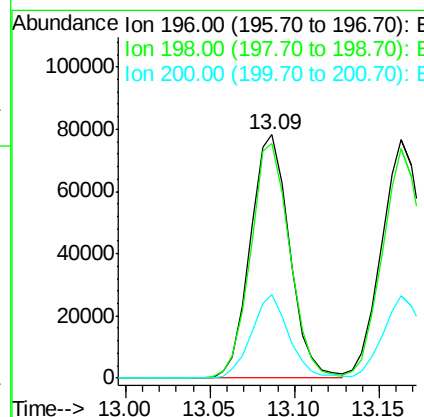
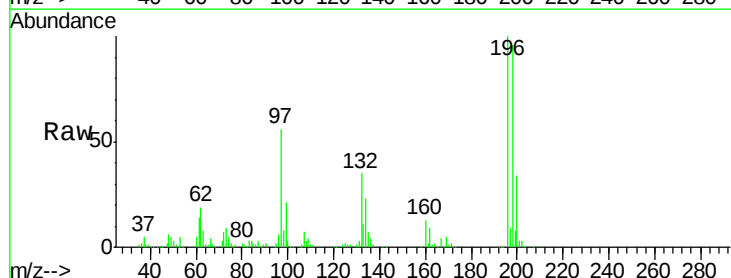
Instrument :
 BNA_G
 ClientSampleId :
 PB111635BS

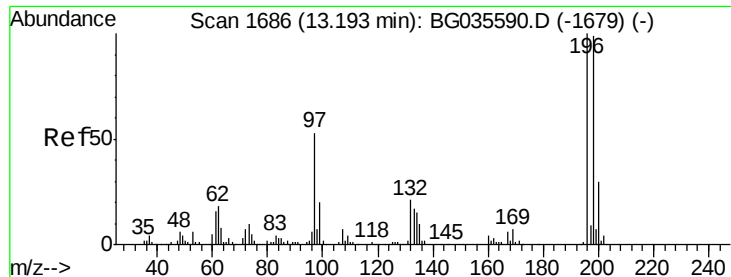
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	39.3	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 52.986 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	78.2	117.2
200	34.3	24.6	36.8

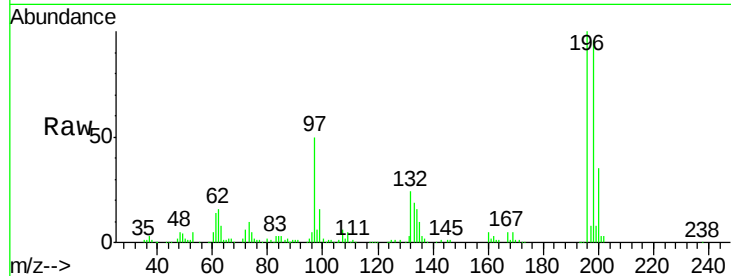




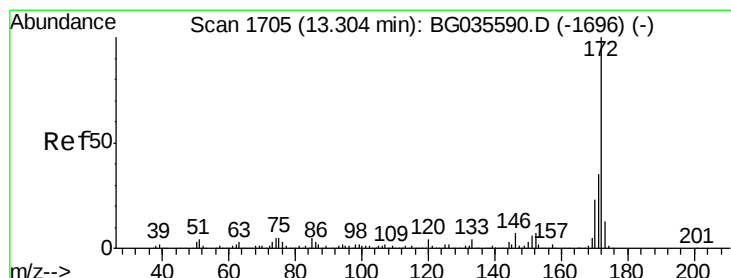
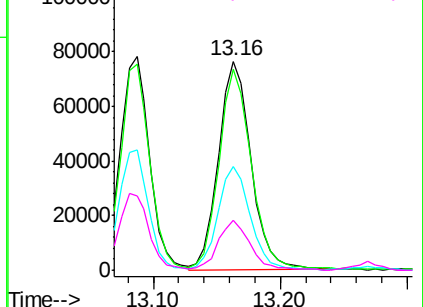
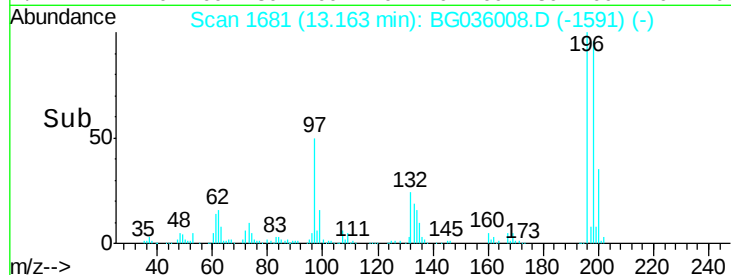
#43
 2,4,5-Trichlorophenol
 Concen: 50.774 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111635BS

Tgt Ion:196 Resp: 135921
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.2 114.4
 97 49.8 38.7 58.1
 132 24.1 20.2 30.2

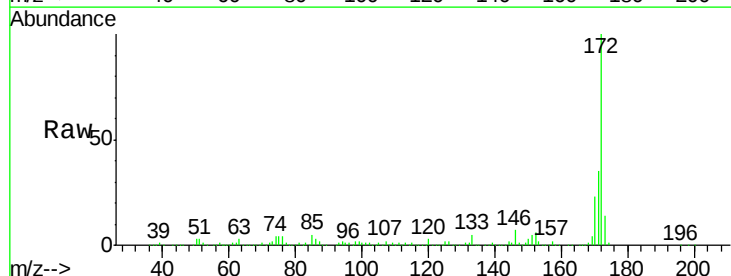


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

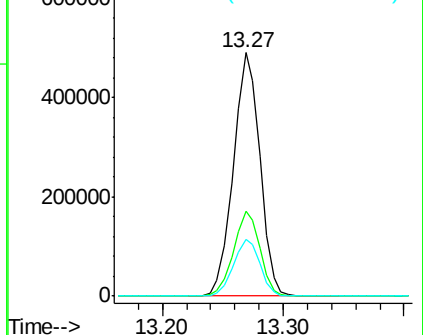
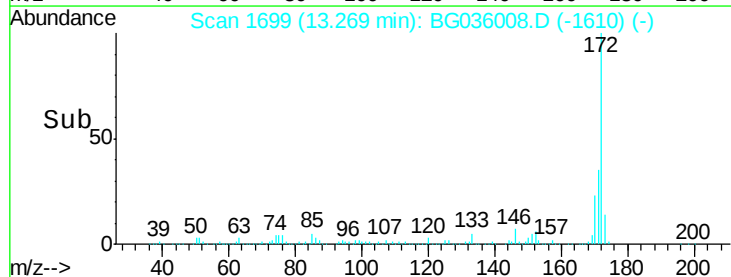


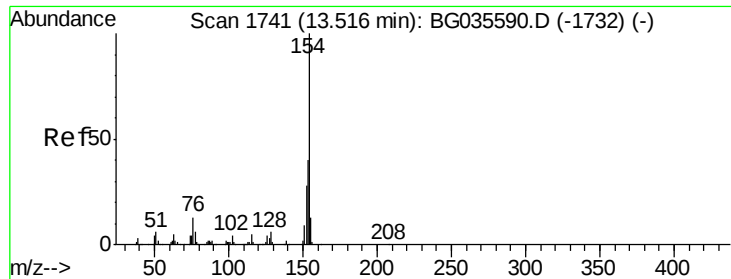
#44
 2-Fluorobiphenyl
 Concen: 92.752 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

Tgt Ion:172 Resp: 750564
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.0 45.0
 170 23.1 19.5 29.3



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

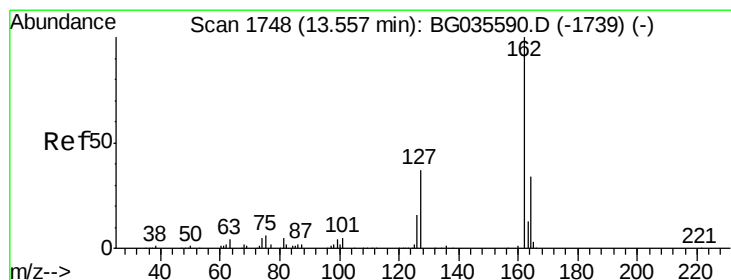
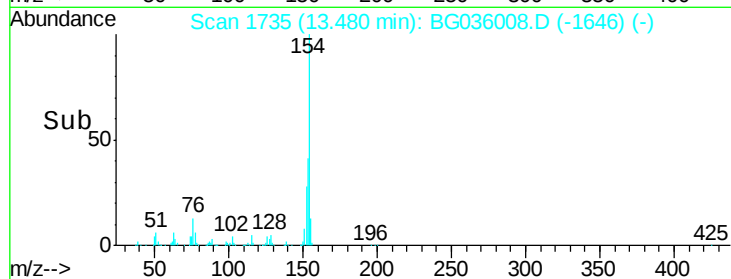
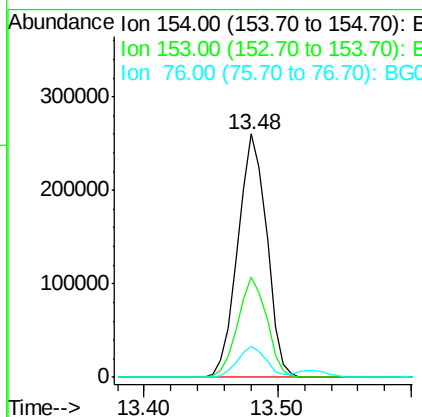
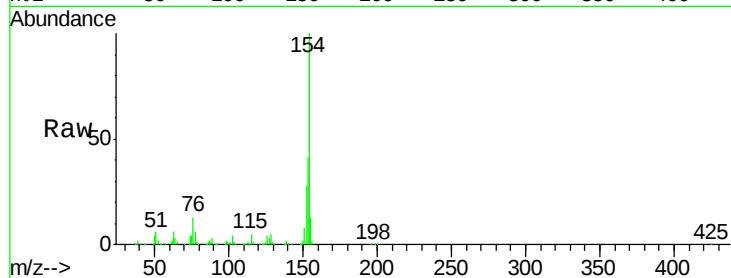




#45
 1,1'-Biphenyl
 Concen: 46.425 ng
 RT: 13.48 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

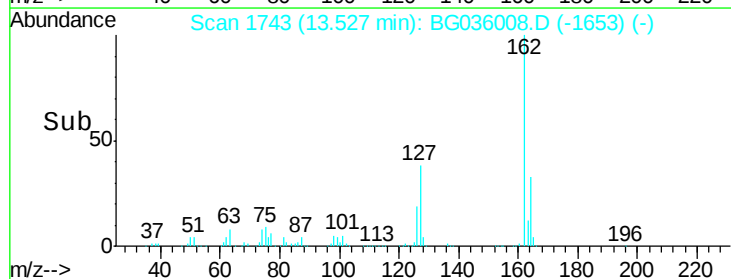
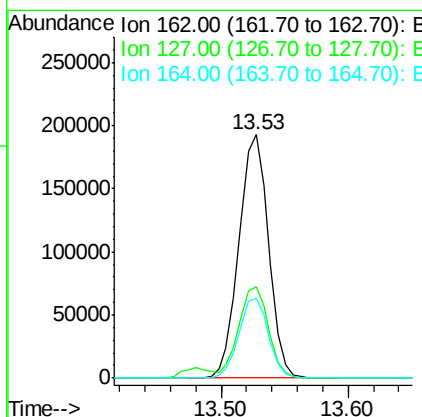
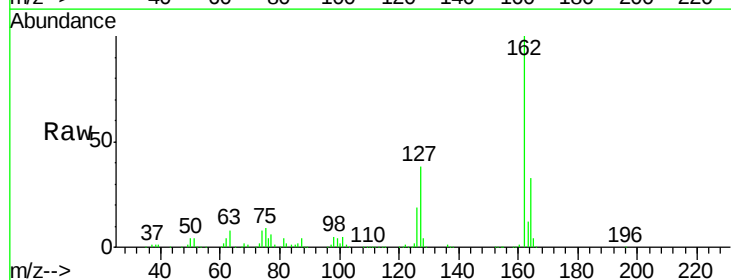
Instrument :
 BNA_G
 ClientSampleId :
 PB111635BS

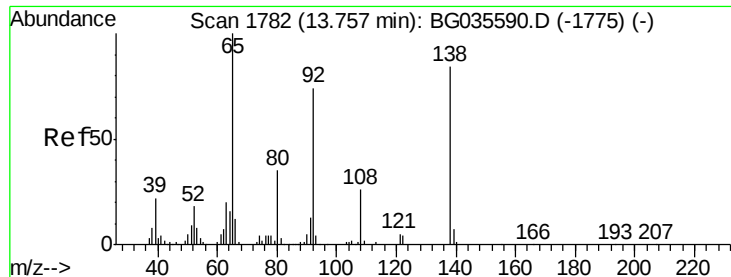
Tgt Ion:154 Resp: 390216
 Ion Ratio Lower Upper
 154 100
 153 41.3 19.8 59.8
 76 12.8 0.0 31.9



#46
 2-Chloronaphthalene
 Concen: 47.753 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

Tgt Ion:162 Resp: 312210
 Ion Ratio Lower Upper
 162 100
 127 37.6 30.7 46.1
 164 32.6 26.0 39.0

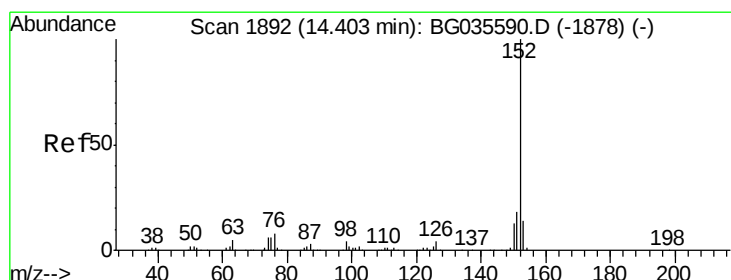
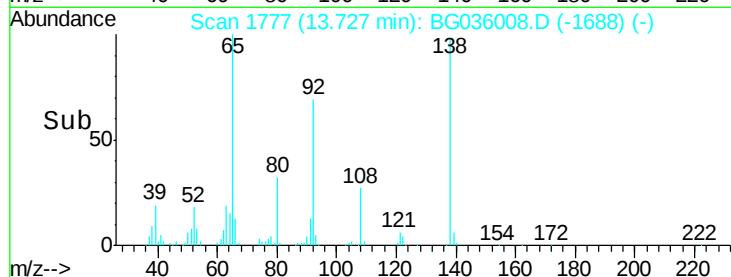
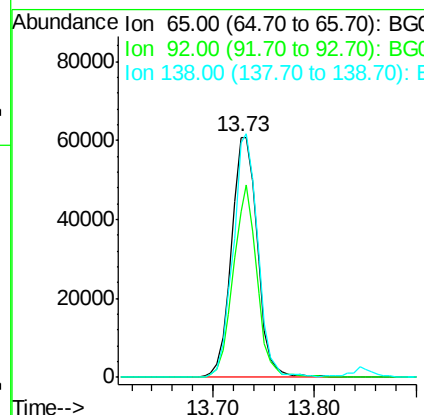
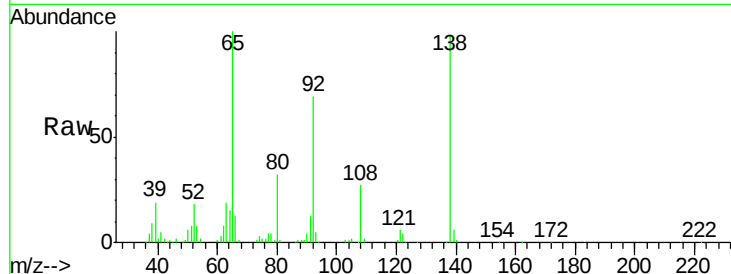




#47
2-Nitroaniline
Concen: 46.916 ng
RT: 13.73 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

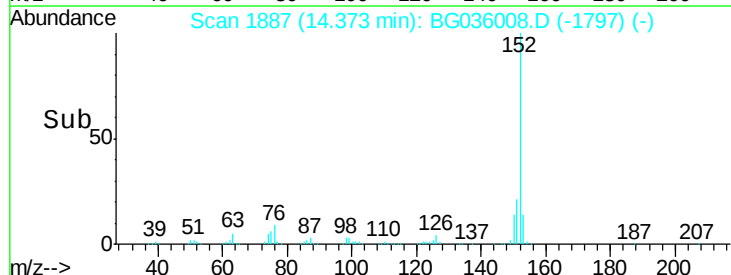
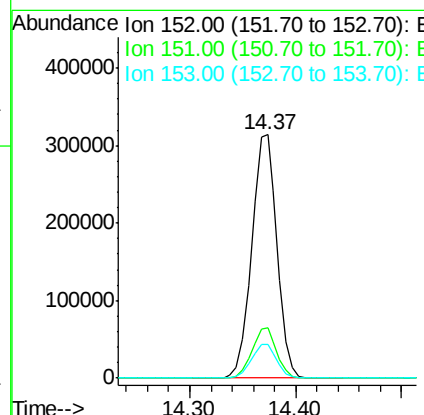
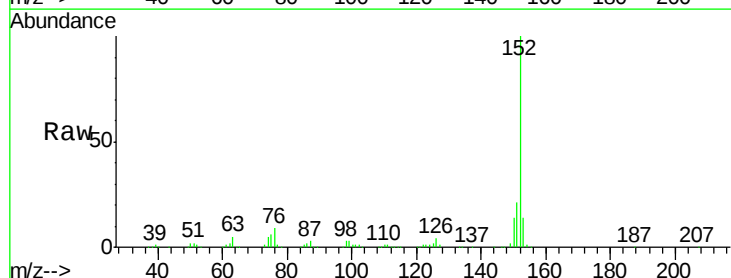
Instrument :
BNA_G
ClientSampleId :
PB111635BS

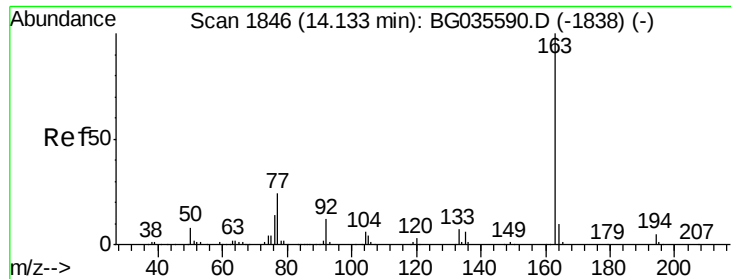
Tgt Ion: 65 Resp: 108442
Ion Ratio Lower Upper
65 100
92 68.9 54.6 82.0
138 97.7 72.9 109.3



#48
Acenaphthylene
Concen: 47.433 ng
RT: 14.37 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

Tgt Ion: 152 Resp: 519483
Ion Ratio Lower Upper
152 100
151 20.9 17.2 25.8
153 13.7 10.2 15.4





#49

Dimethylphthalate

Concen: 46.107 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

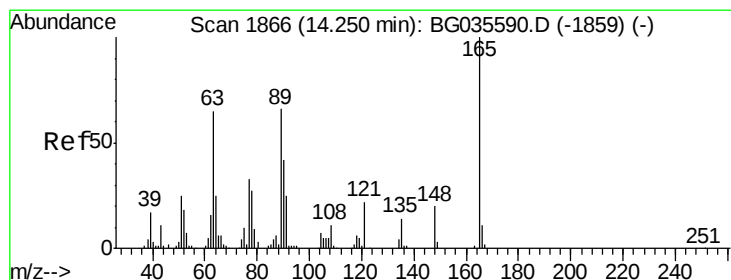
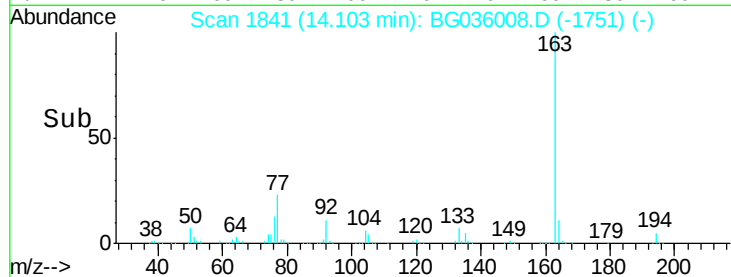
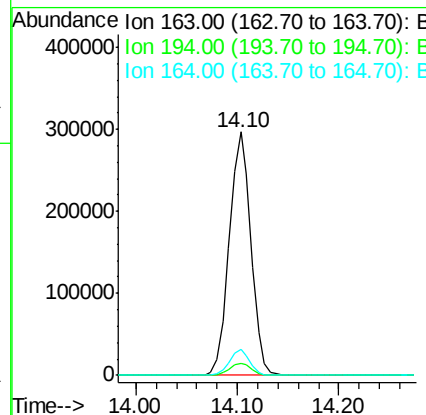
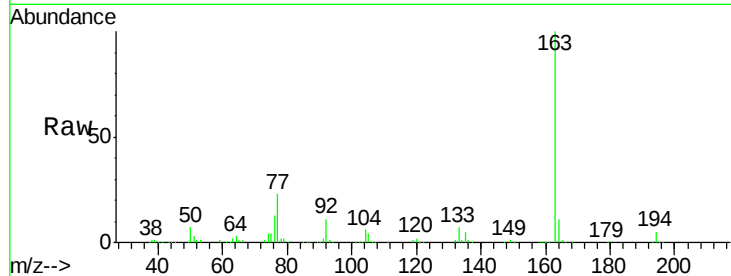
Instrument :

BNA_G

ClientSampleId :

PB111635BS

Tgt Ion:	163	Resp:	437957
Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.2
164	10.5	8.2	12.4



#50

2,6-Dinitrotoluene

Concen: 52.657 ng

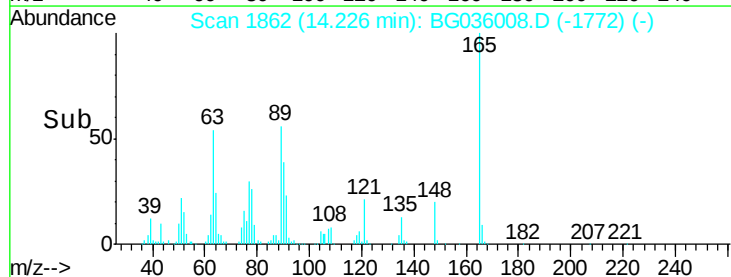
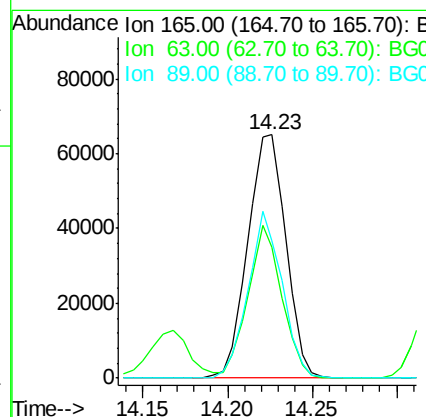
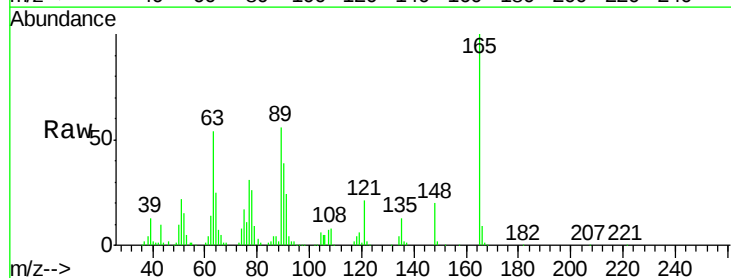
RT: 14.23 min Scan# 1862

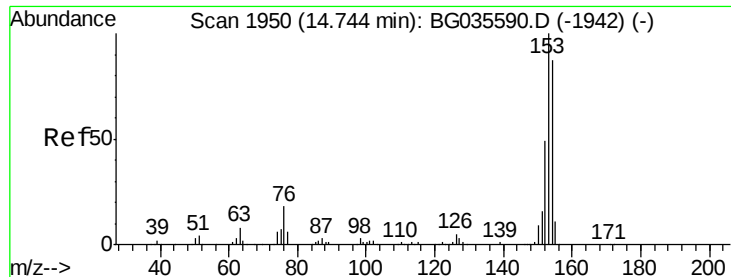
Delta R.T. -0.00 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

Tgt Ion:	165	Resp:	101854
Ion	Ratio	Lower	Upper
165	100		
63	54.0	52.7	79.1
89	56.5	49.2	73.8





#51

Acenaphthene

Concen: 44.602 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

Instrument :

BNA_G

ClientSampleId :

PB111635BS

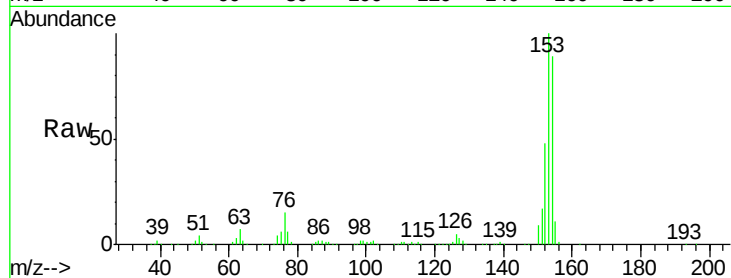
Tgt Ion:154 Resp: 304290

Ion Ratio Lower Upper

154 100

153 112.4 90.4 135.6

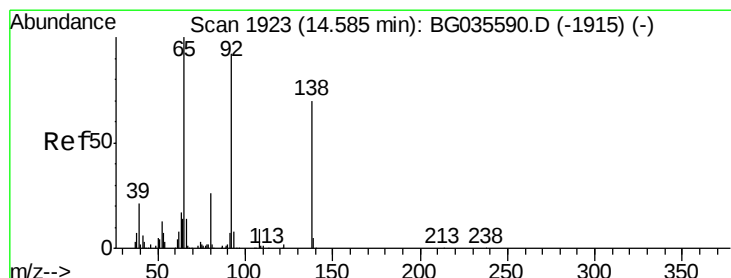
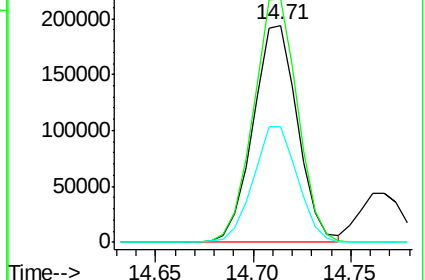
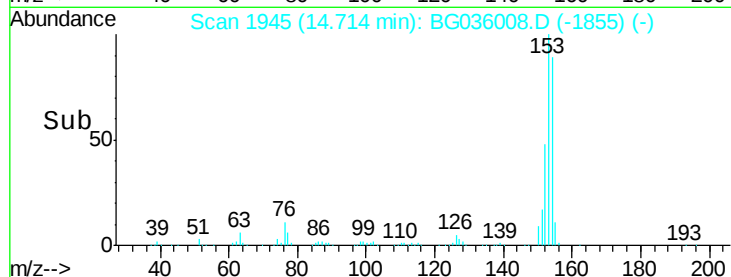
152 53.6 41.6 62.4



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: 11.828 ng

RT: 14.56 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

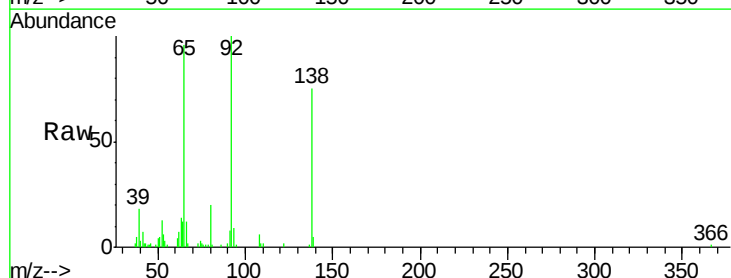
Tgt Ion:138 Resp: 23383

Ion Ratio Lower Upper

138 100

108 8.6 17.5 26.3#

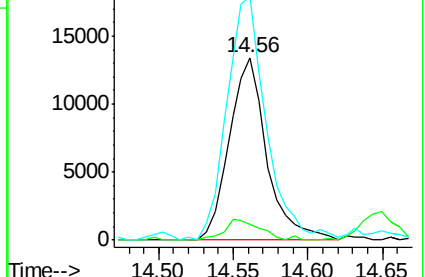
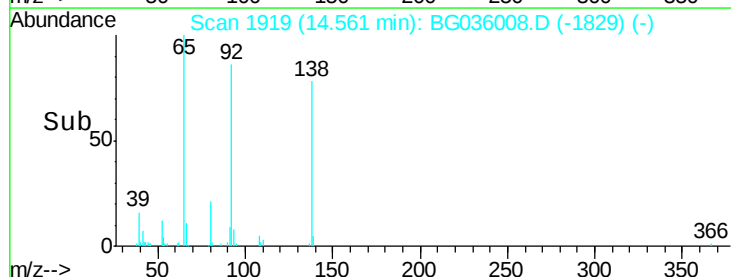
92 133.4 105.8 158.8

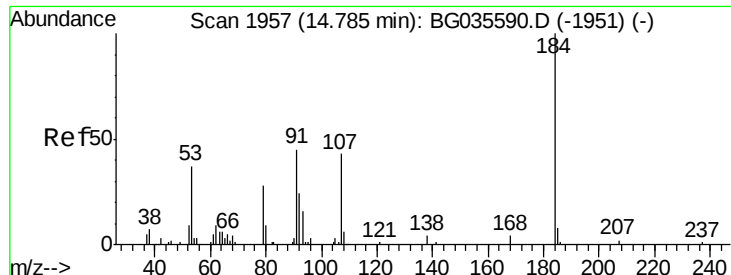


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

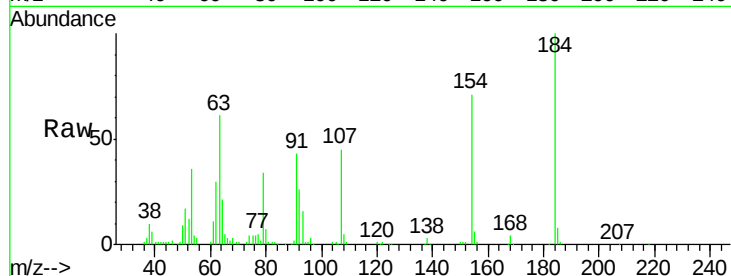




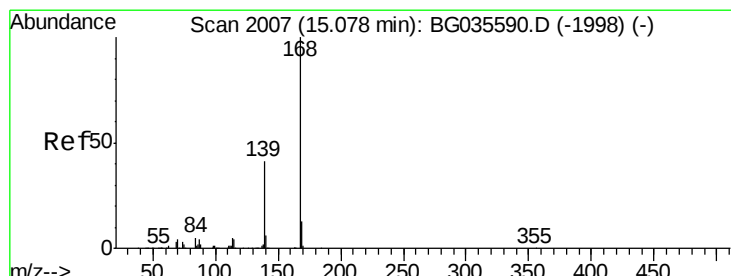
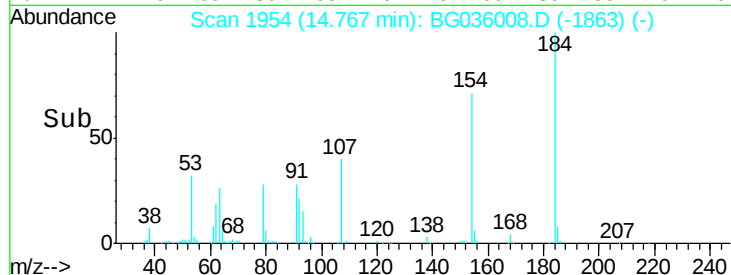
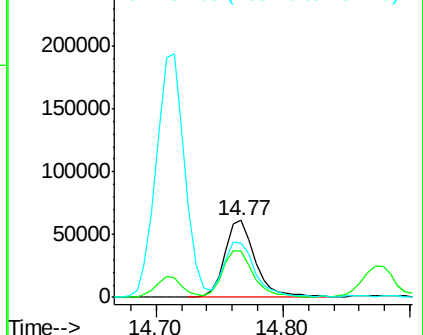
#53
2,4-Dinitrophenol
Concen: 101.469 ng
RT: 14.77 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

Instrument :
BNA_G
ClientSampleId :
PB111635BS

Tgt Ion:184 Resp: 102844
Ion Ratio Lower Upper
184 100
63 61.1 59.8 89.8
154 71.2 101.8 152.8#

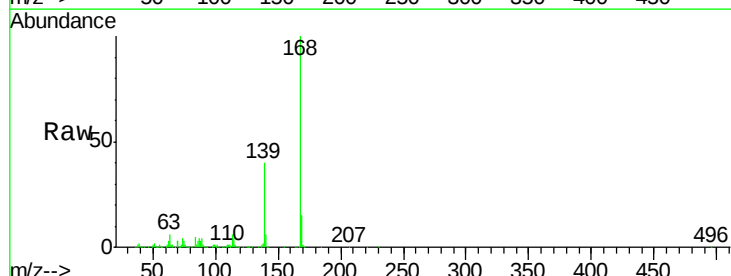


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

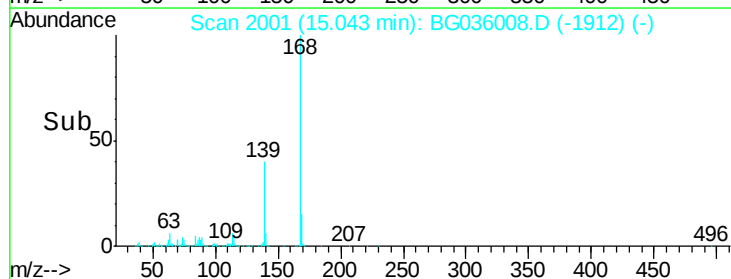
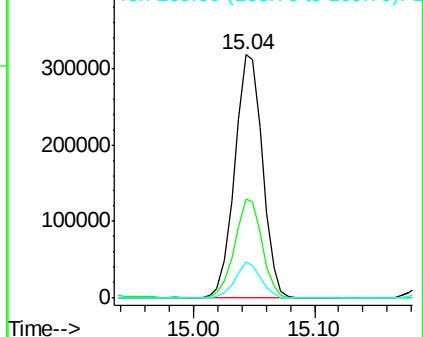


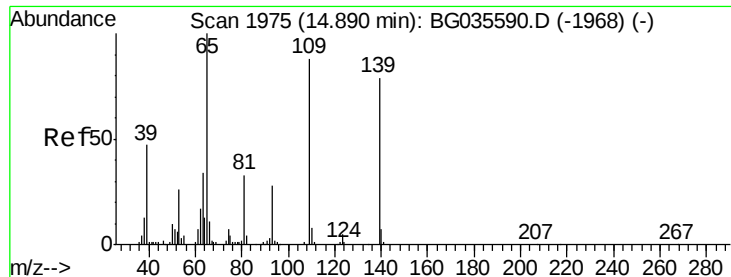
#54
Dibenzofuran
Concen: 46.752 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

Tgt Ion:168 Resp: 507260
Ion Ratio Lower Upper
168 100
139 40.5 28.6 43.0
169 15.1 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

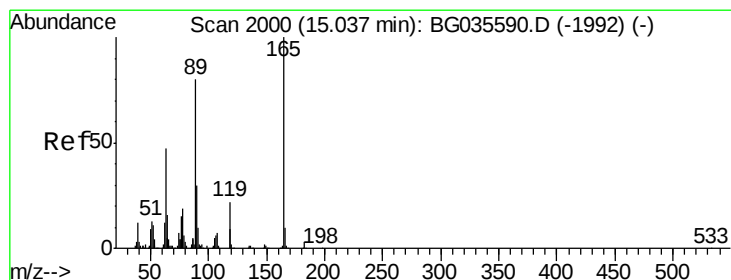
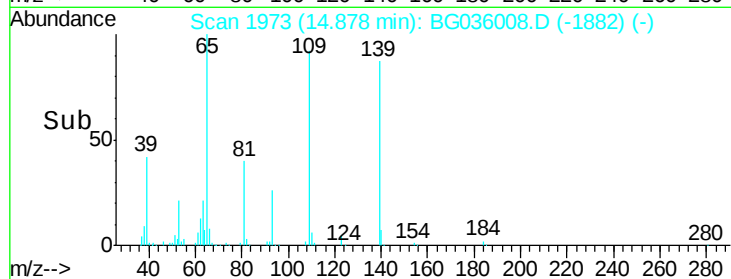
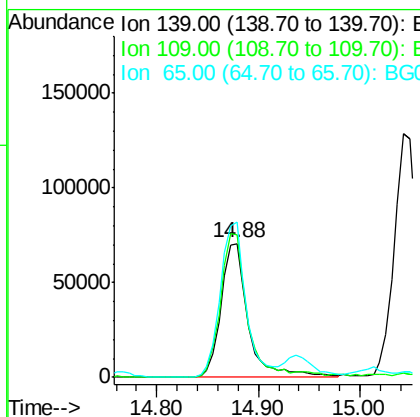
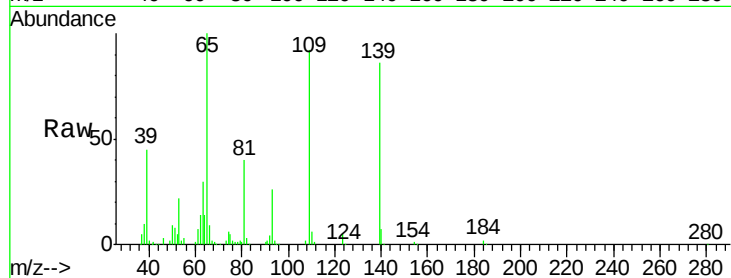




#55
4-Nitrophenol
Concen: 93.824 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

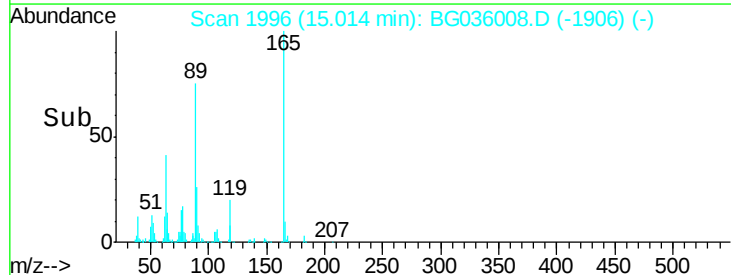
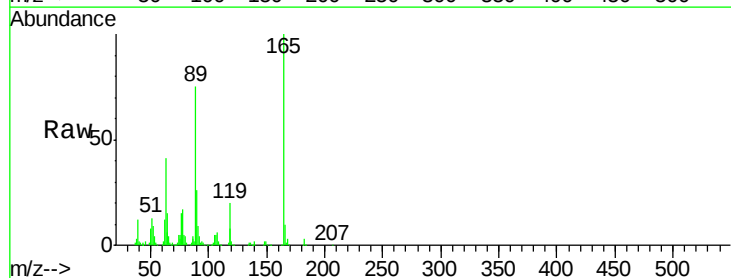
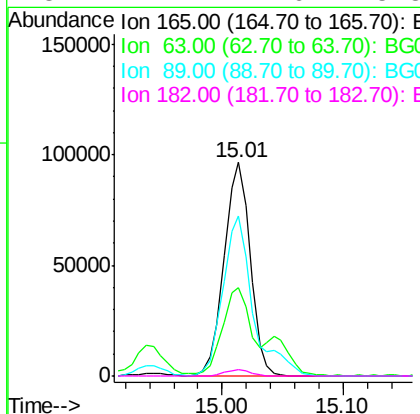
Instrument :
BNA_G
ClientSampleId :
PB111635BS

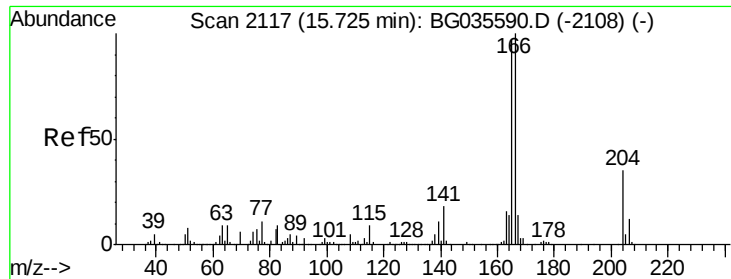
Tgt Ion:139 Resp: 132098
Ion Ratio Lower Upper
139 100
109 106.6 62.2 102.2#
65 115.7 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 52.262 ng
RT: 15.01 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

Tgt Ion:165 Resp: 145026
Ion Ratio Lower Upper
165 100
63 41.3 42.0 63.0#
89 74.7 66.9 100.3
182 2.7 2.6 3.8





#57

Fluorene

Concen: 46.693 ng

RT: 15.70 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

Instrument :

BNA_G

ClientSampleId :

PB111635BS

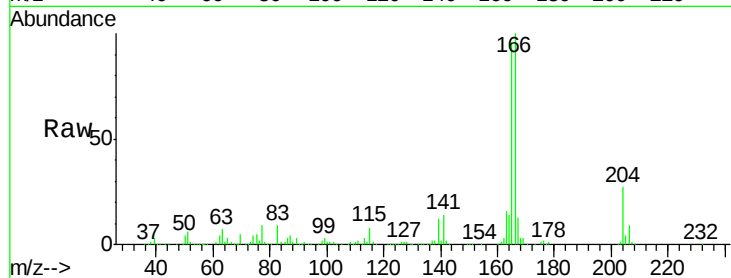
Tgt Ion:166 Resp: 424618

Ion Ratio Lower Upper

166 100

165 96.2 80.6 121.0

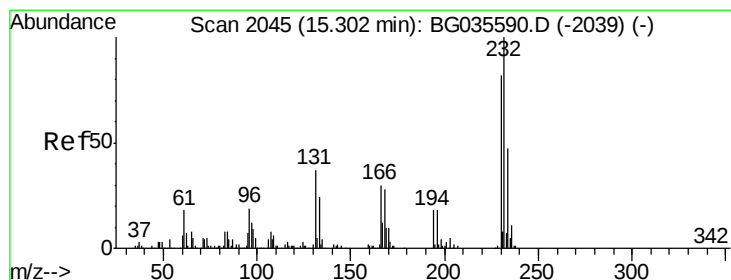
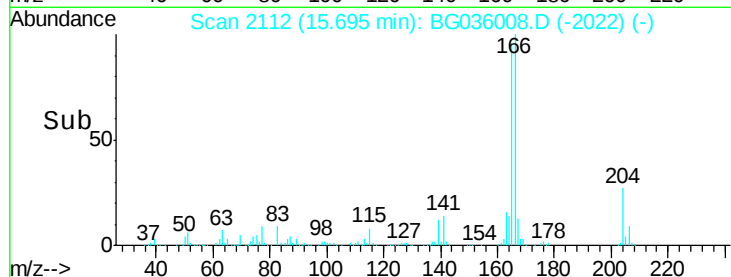
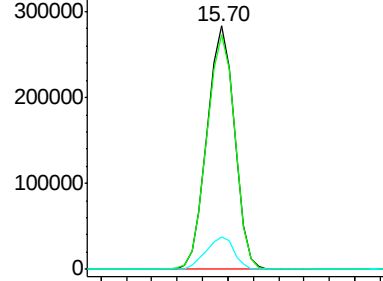
167 13.5 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.033 ng

RT: 15.27 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

Tgt Ion:232 Resp: 141254

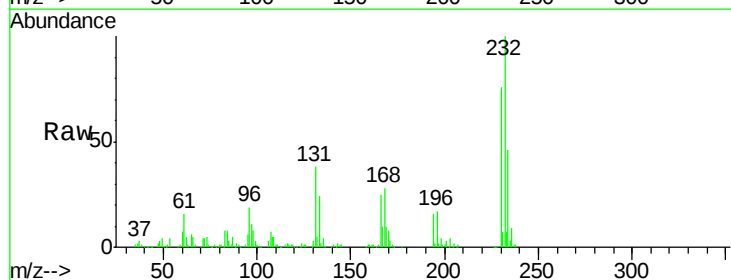
Ion Ratio Lower Upper

232 100

131 36.5 33.5 50.3

130 2.5 2.2 3.2

166 27.6 24.8 37.2

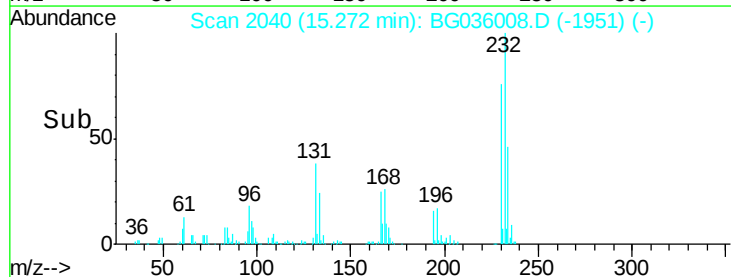
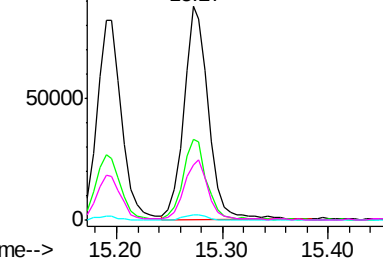


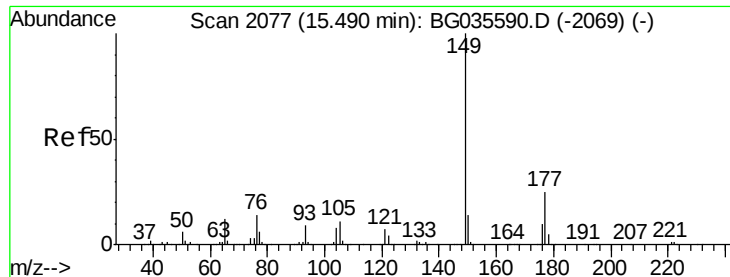
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

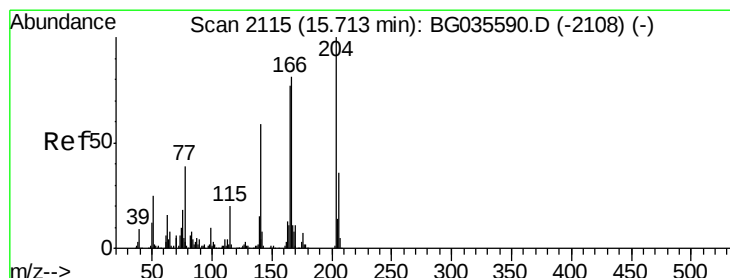
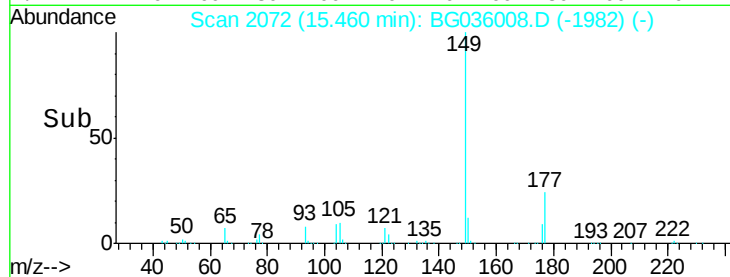
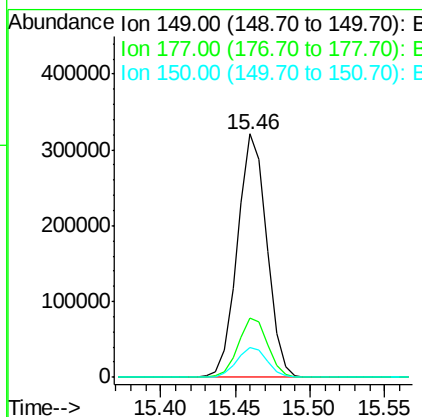
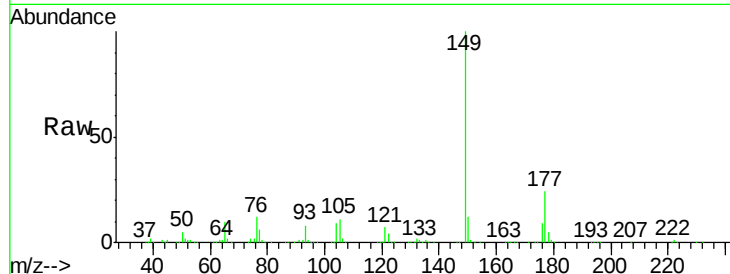




#59
Diethylphthalate
Concen: 44.899 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

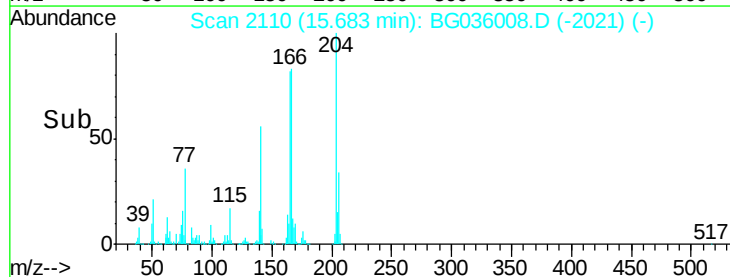
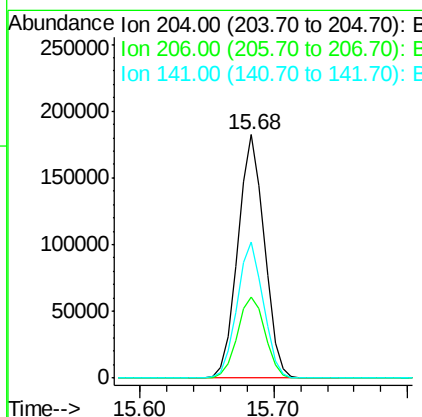
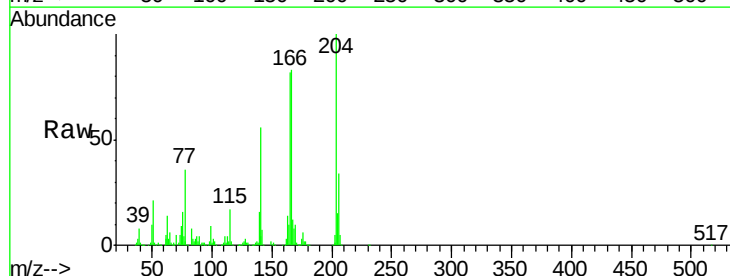
Instrument :
BNA_G
ClientSampleId :
PB111635BS

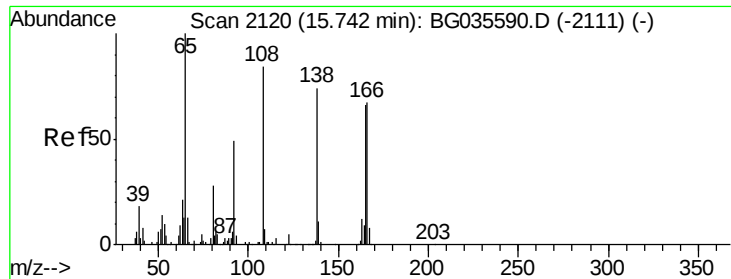
Tgt Ion:149 Resp: 438531
Ion Ratio Lower Upper
149 100
177 24.1 18.5 27.7
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 46.843 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

Tgt Ion:204 Resp: 250372
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 55.9 45.8 68.6

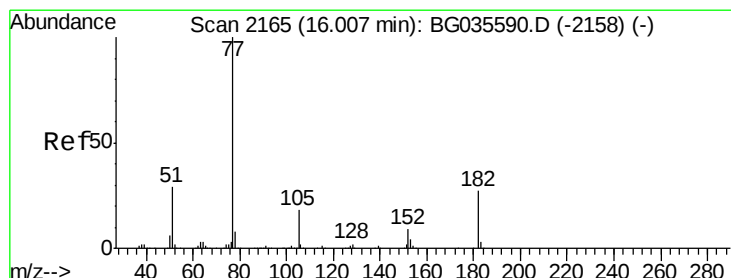
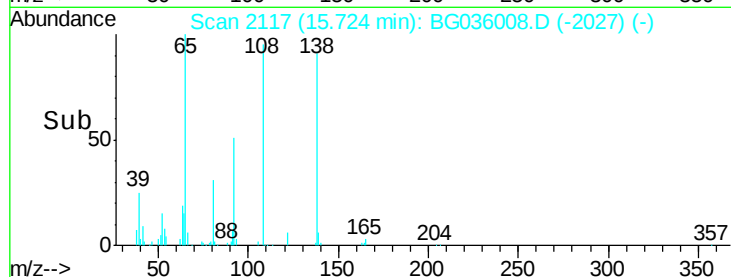
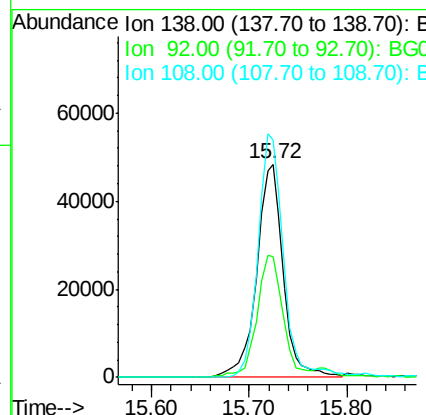
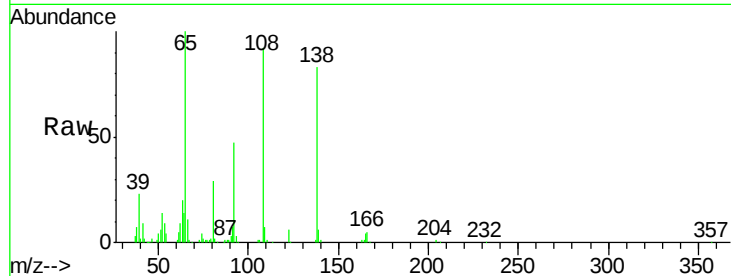




#61
4-Nitroaniline
Concen: 44.944 ng
RT: 15.72 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

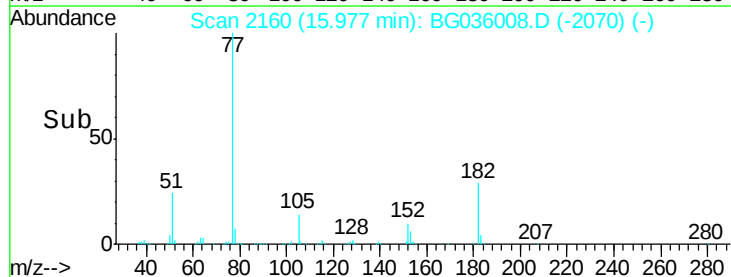
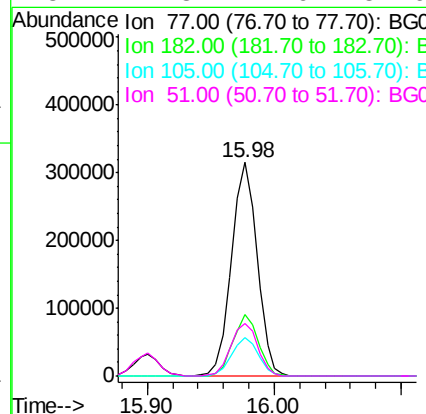
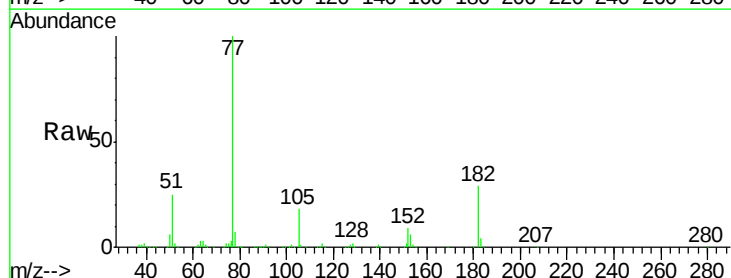
Instrument :
BNA_G
ClientSampleId :
PB111635BS

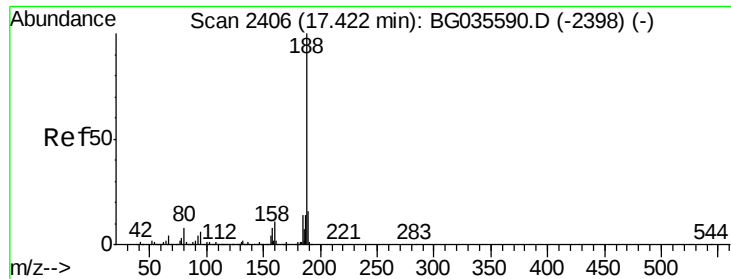
Tgt Ion:138 Resp: 92944
Ion Ratio Lower Upper
138 100
92 56.7 40.1 80.1
108 111.2 65.4 105.4#



#62
Azobenzene
Concen: 45.728 ng
RT: 15.98 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

Tgt Ion: 77 Resp: 440554
Ion Ratio Lower Upper
77 100
182 28.6 7.4 47.4
105 18.0 0.3 40.3
51 24.8 11.6 51.6

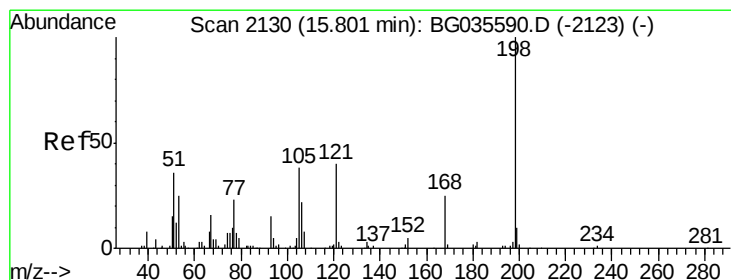
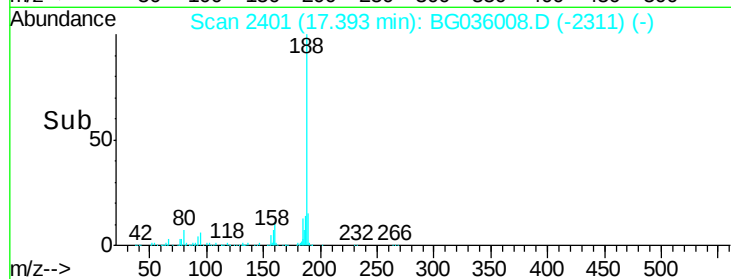
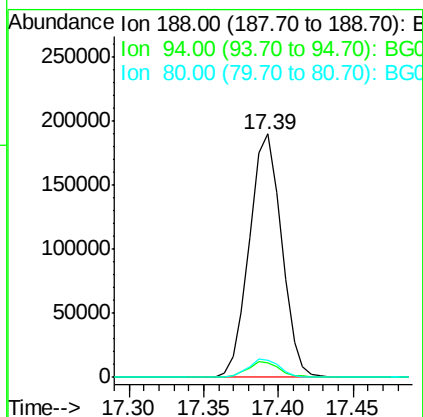
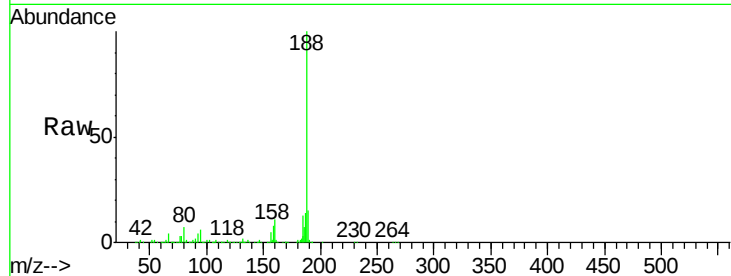




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

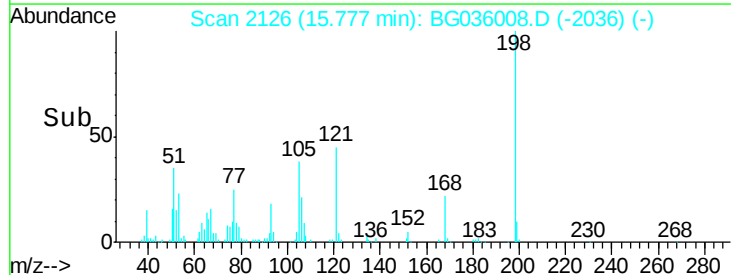
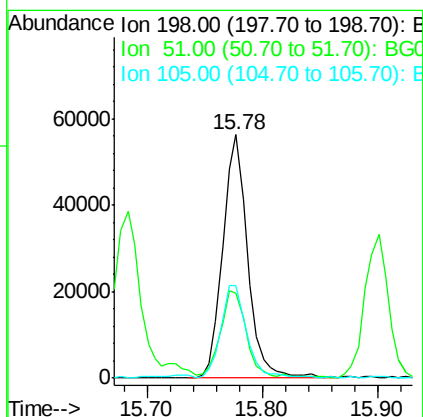
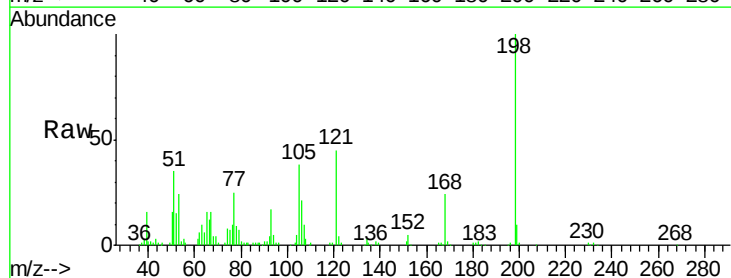
Instrument :
BNA_G
ClientSampleId :
PB111635BS

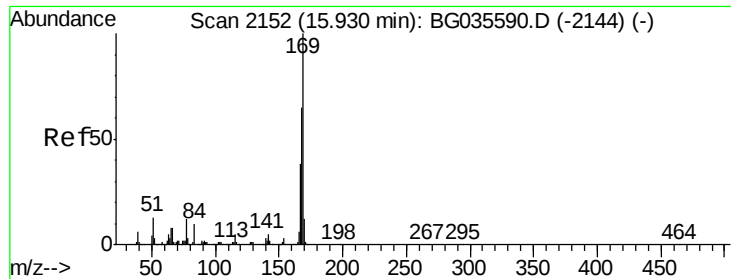
Tgt Ion:188 Resp: 284713
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 7.0 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 53.133 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

Tgt Ion:198 Resp: 84211
Ion Ratio Lower Upper
198 100
51 34.9 30.6 70.6
105 38.1 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 46.162 ng

RT: 15.90 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

Instrument :

BNA_G

ClientSampleId :

PB111635BS

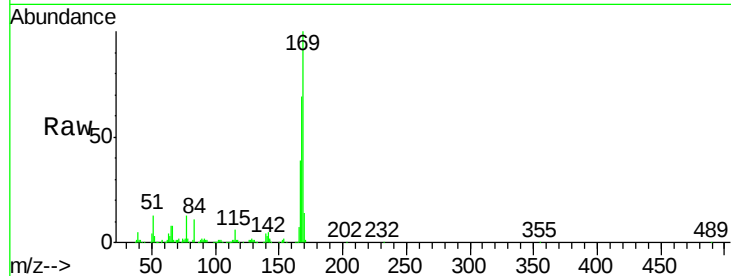
Tgt Ion:169 Resp: 374095

Ion Ratio Lower Upper

169 100

168 68.6 55.7 83.5

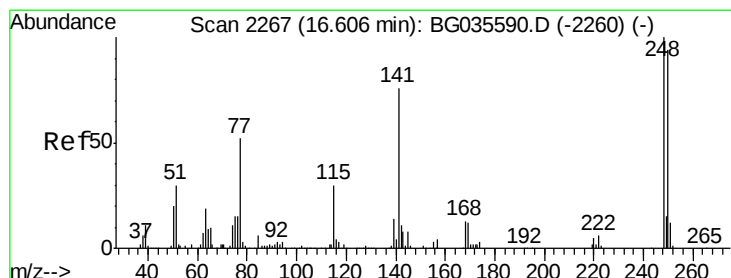
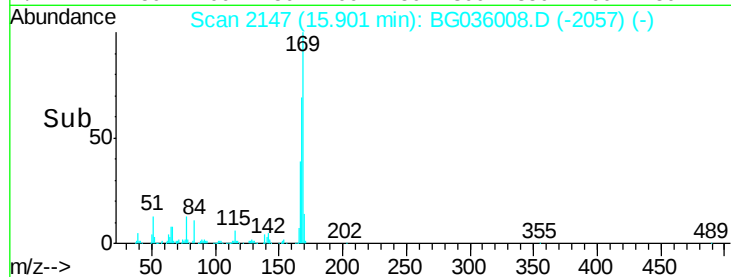
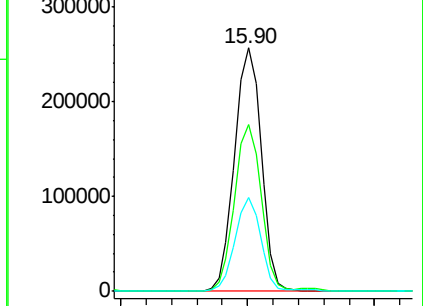
167 38.6 30.1 45.1



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: 50.736 ng

RT: 16.58 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

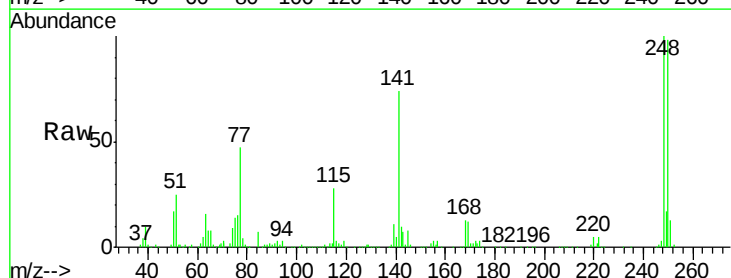
Tgt Ion:248 Resp: 167590

Ion Ratio Lower Upper

248 100

250 97.9 77.1 115.7

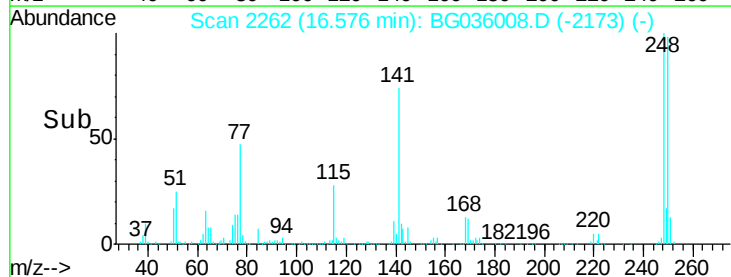
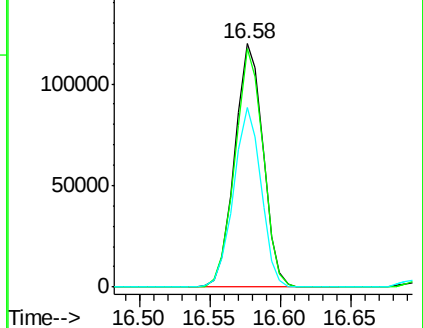
141 74.0 50.8 76.2

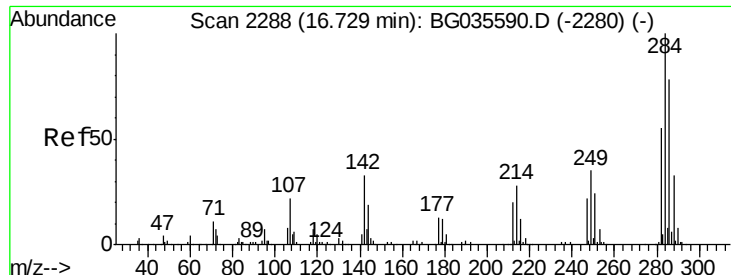


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

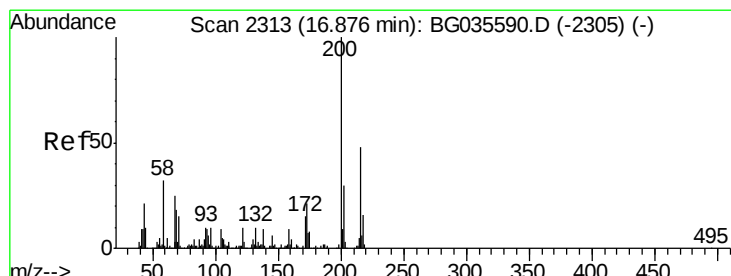
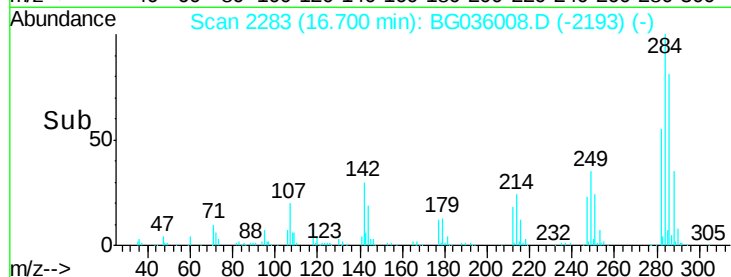
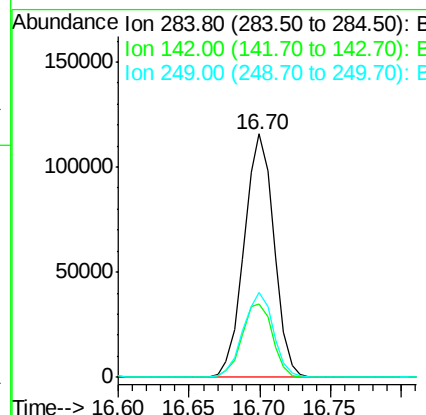
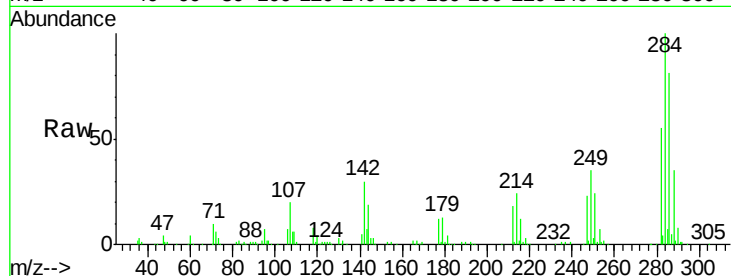




#67
Hexachlorobenzene
Concen: 50.255 ng
RT: 16.70 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

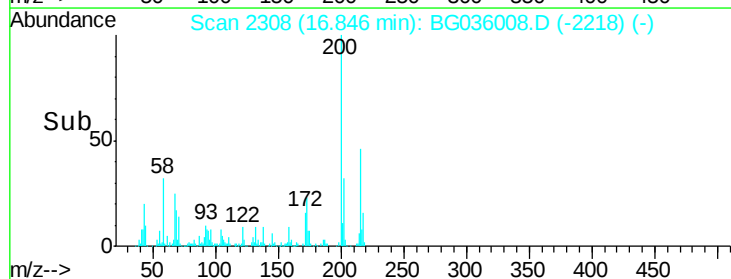
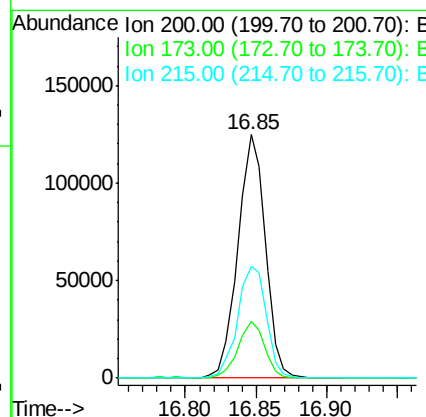
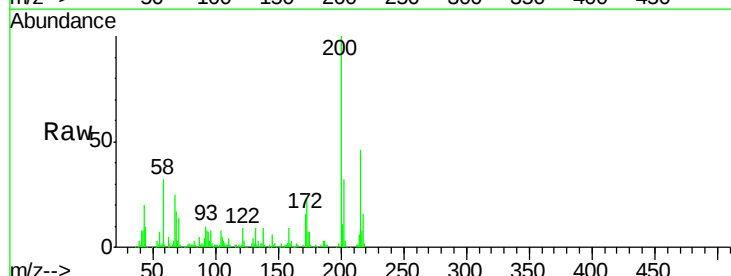
Instrument :
BNA_G
ClientSampleId :
PB111635BS

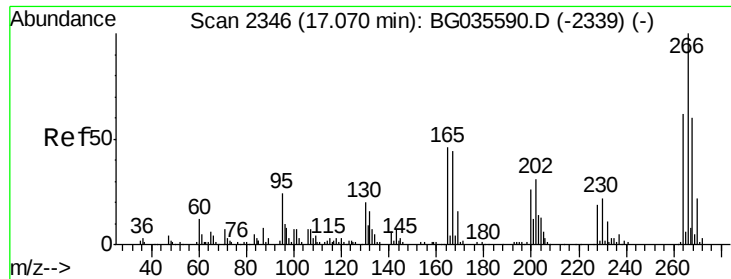
Tgt Ion:284 Resp: 170950
Ion Ratio Lower Upper
284 100
142 30.2 26.8 40.2
249 34.9 26.3 39.5



#68
Atrazine
Concen: 50.852 ng
RT: 16.85 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

Tgt Ion:200 Resp: 169677
Ion Ratio Lower Upper
200 100
173 23.5 5.2 45.2
215 45.6 30.4 70.4

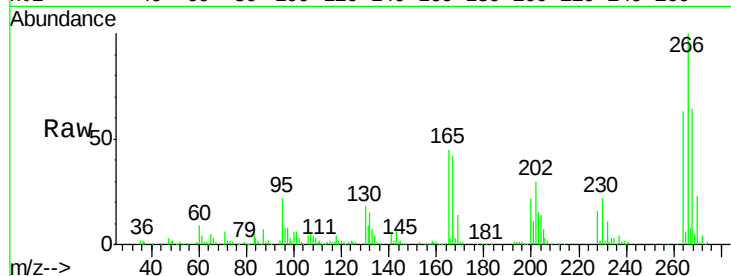




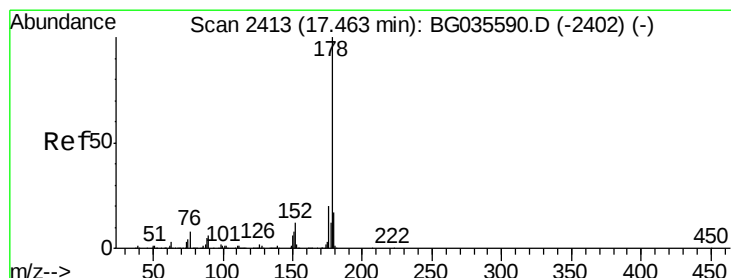
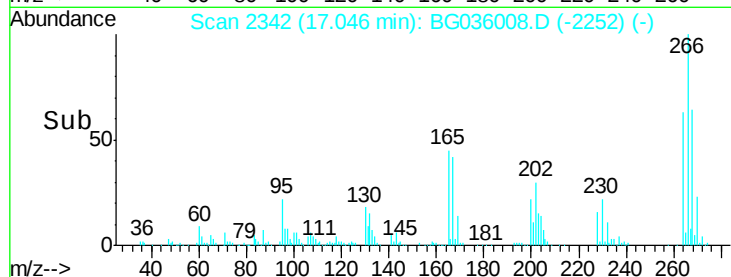
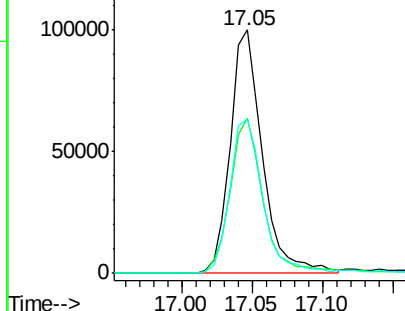
#69
 Pentachlorophenol
 Concen: 76.360 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111635BS

Tgt Ion:266 Resp: 158212
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.1 76.7
 264 63.2 49.6 74.4

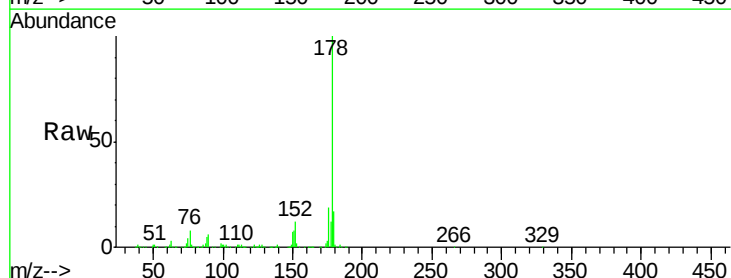


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

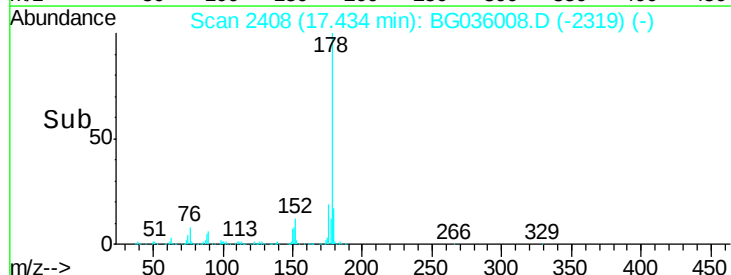
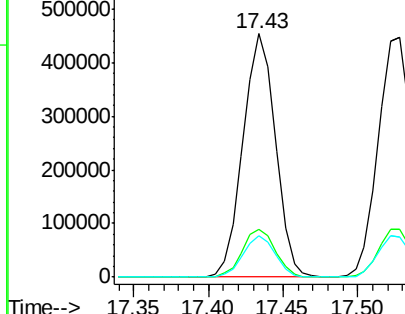


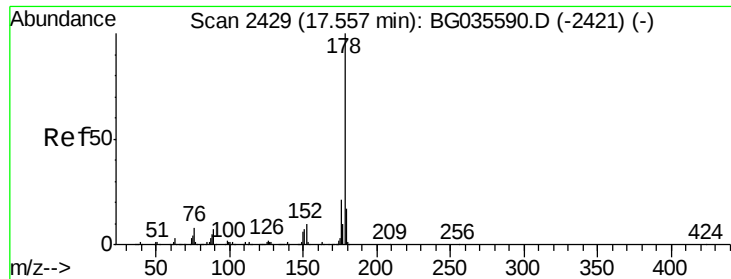
#70
 Phenanthrene
 Concen: 48.194 ng
 RT: 17.43 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

Tgt Ion:178 Resp: 684678
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.7 23.5
 179 17.0 12.5 18.7



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

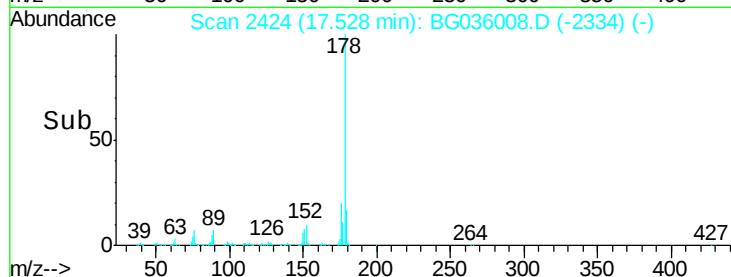
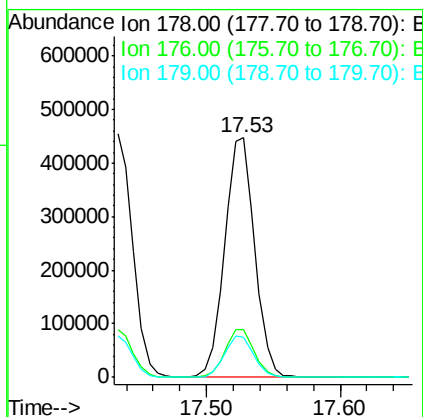
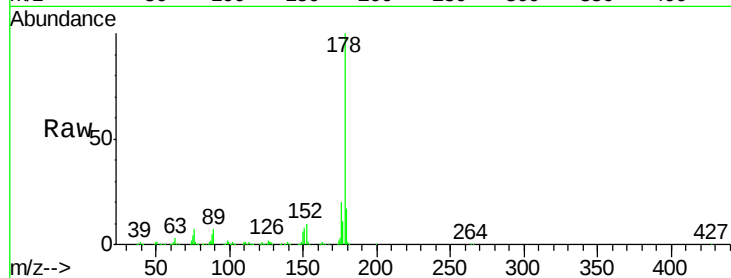




#71
 Anthracene
 Concen: 49.665 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

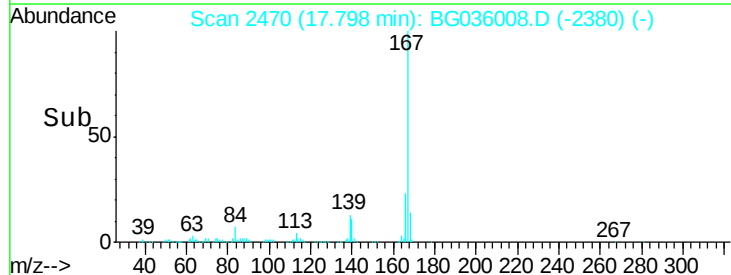
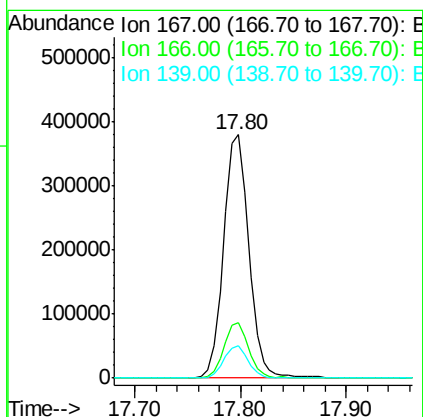
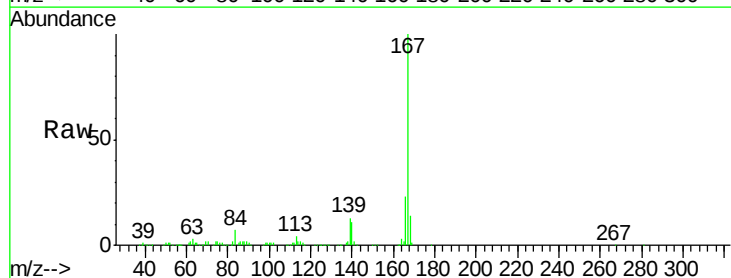
Instrument :
 BNA_G
 ClientSampleId :
 PB111635BS

Tgt Ion:178 Resp: 702564
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 16.8 12.5 18.7



#72
 Carbazole
 Concen: 46.898 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

Tgt Ion:167 Resp: 630036
 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: 45.803 ng

RT: 18.34 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

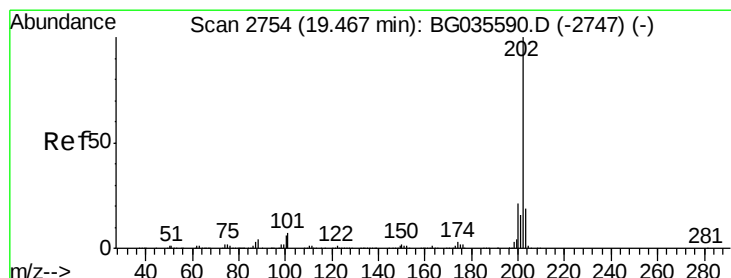
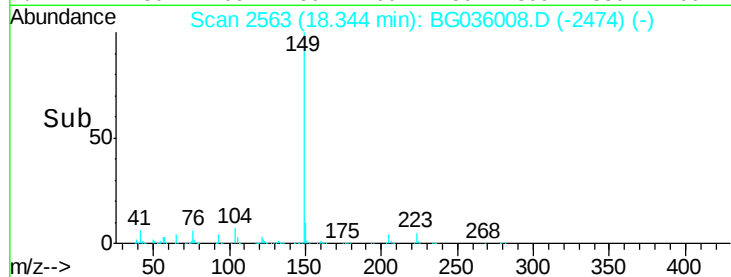
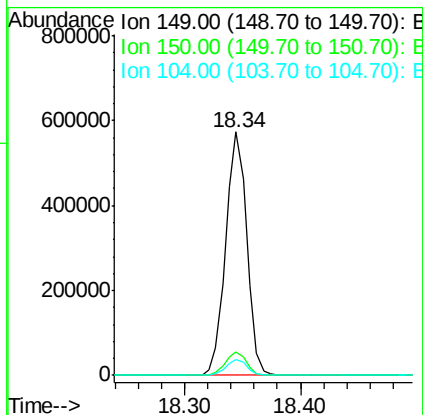
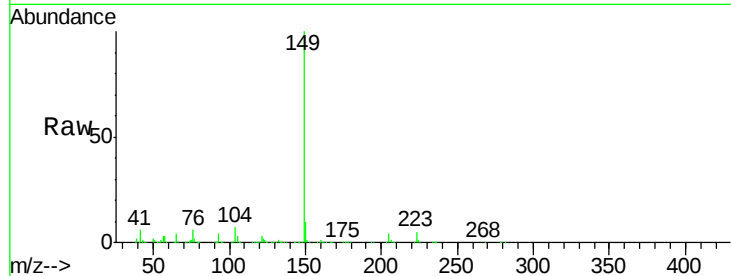
Instrument :

BNA_G

ClientSampleId :

PB111635BS

Tgt Ion:	149	Resp:	727142
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	6.5	3.9	5.9#



#74

Fluoranthene

Concen: 46.787 ng

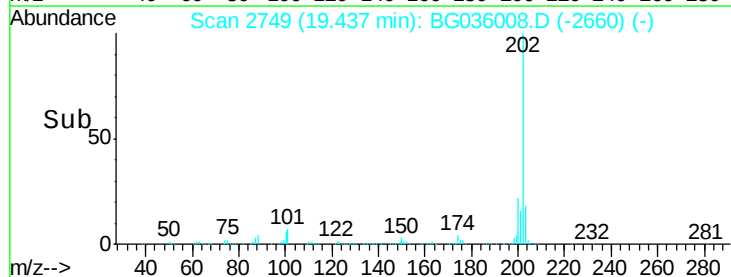
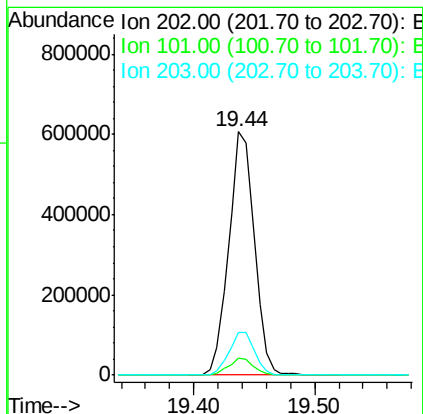
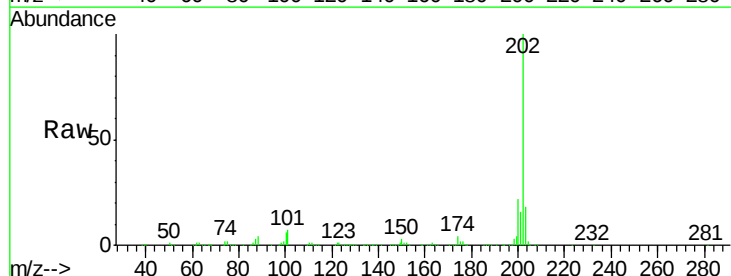
RT: 19.44 min Scan# 2749

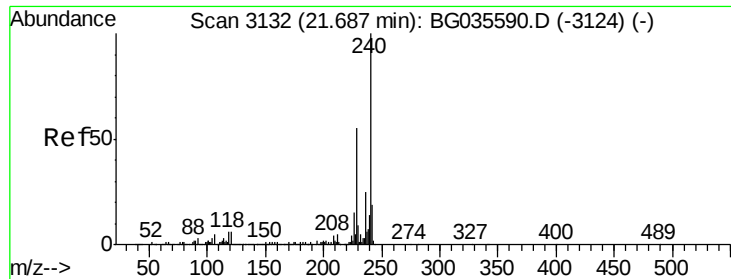
Delta R.T. -0.01 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

Tgt Ion:	202	Resp:	895328
Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	28.9
203	17.8	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

Instrument :

BNA_G

ClientSampleId :

PB111635BS

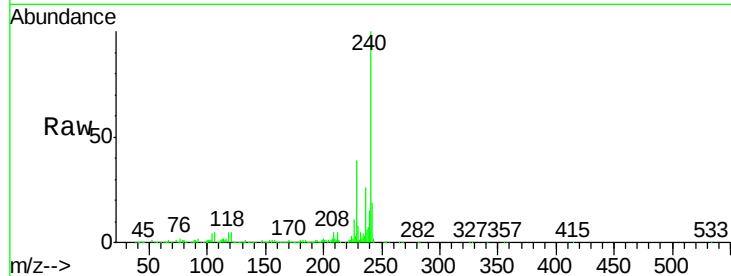
Tgt Ion:240 Resp: 306041

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

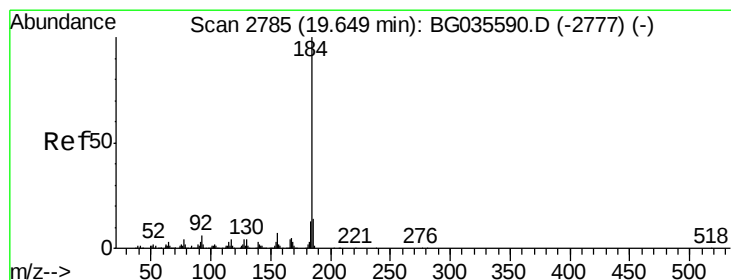
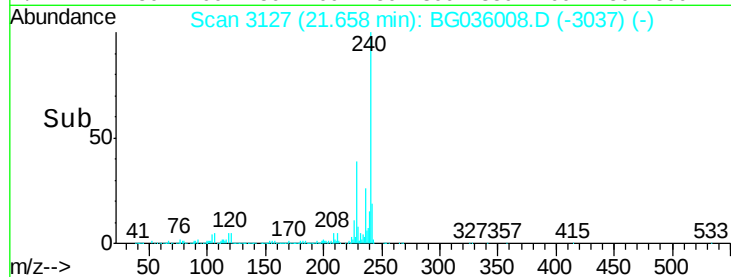
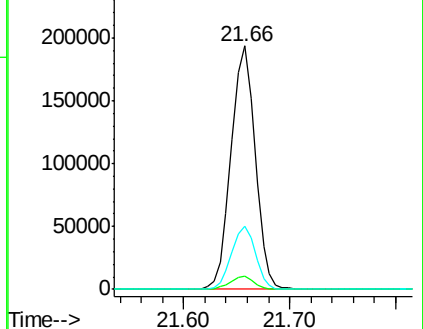
236 26.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.074 ng

RT: 19.62 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

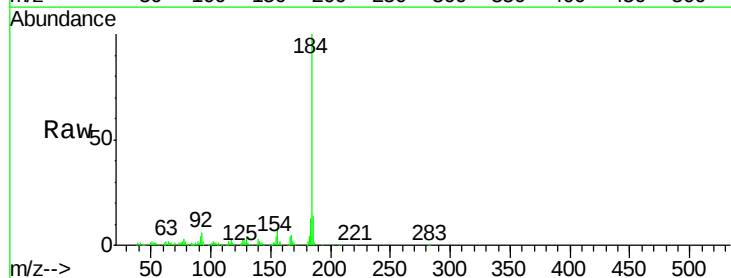
Tgt Ion:184 Resp: 233928

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

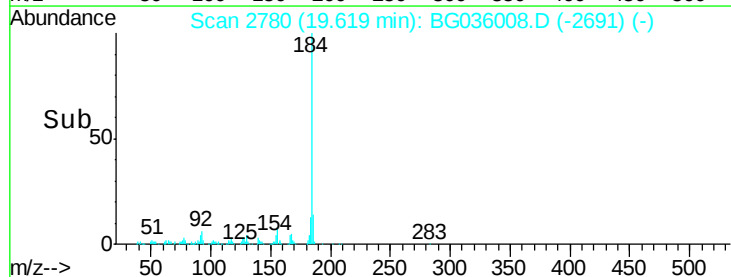
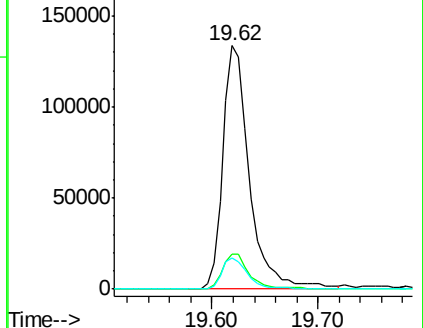
183 12.7 10.6 16.0

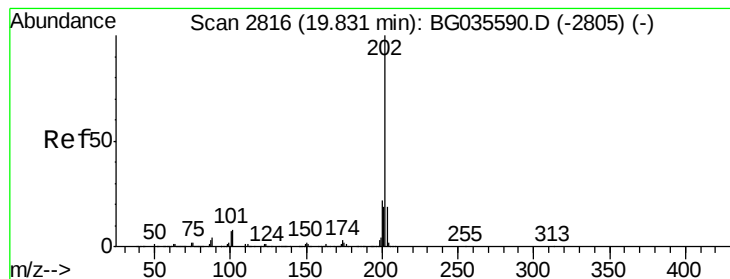


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 46.488 ng

RT: 19.80 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

Instrument :

BNA_G

ClientSampleId :

PB111635BS

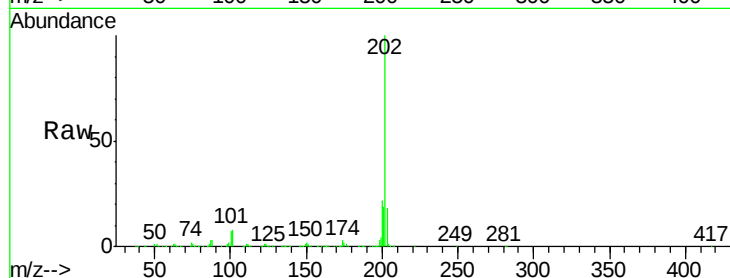
Tgt Ion:202 Resp: 899607

Ion Ratio Lower Upper

202 100

200 22.2 16.9 25.3

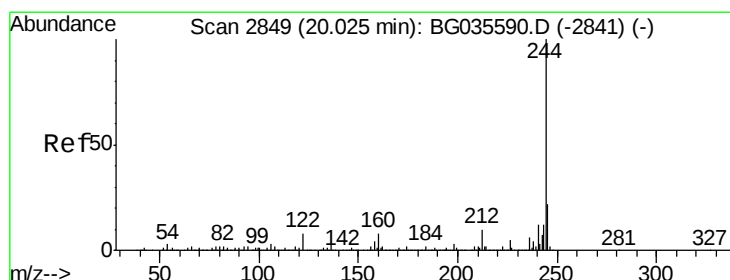
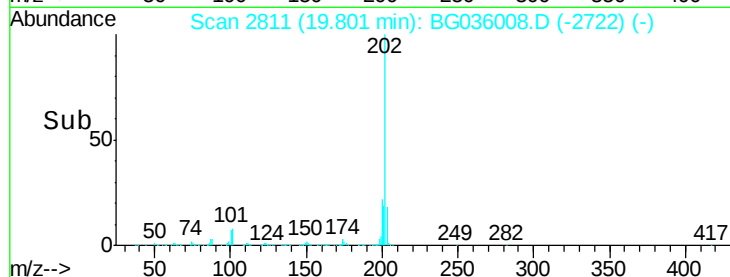
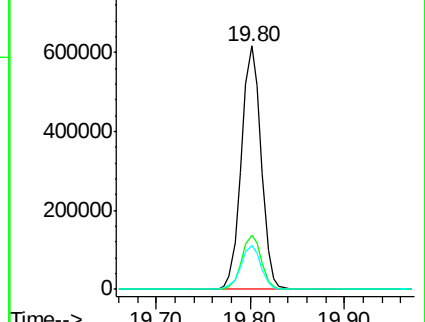
203 17.9 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 96.773 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

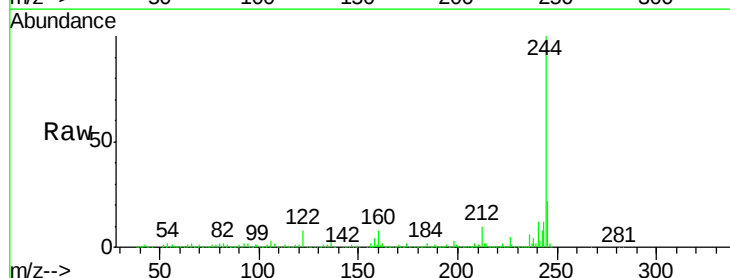
Tgt Ion:244 Resp: 1343577

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

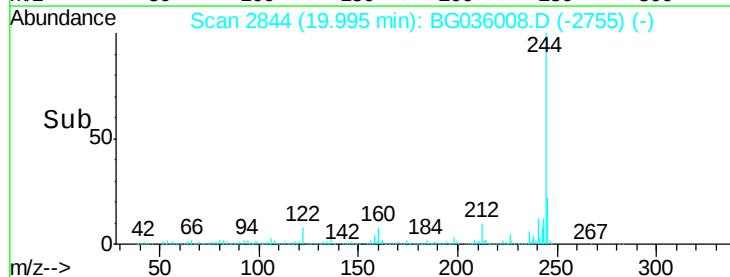
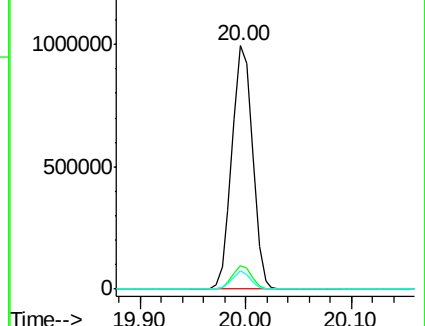
122 7.6 7.0 10.4

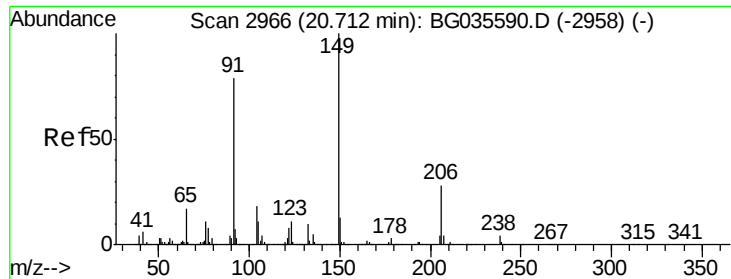


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

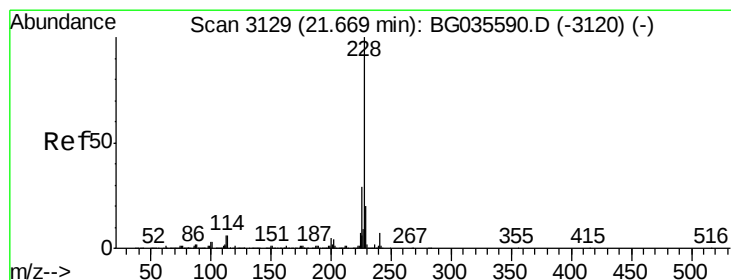
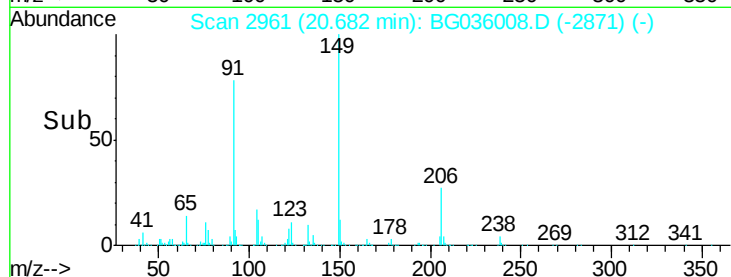
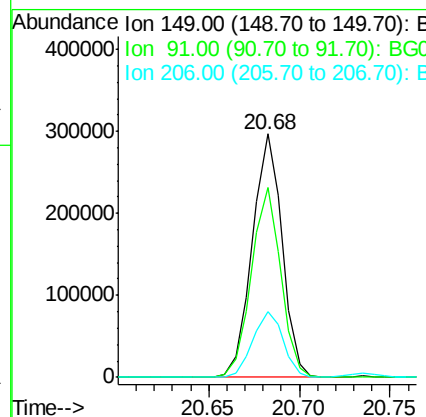
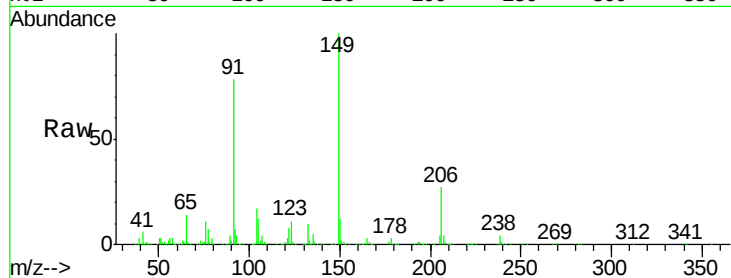




#79
Butylbenzylphthalate
Concen: 49.064 ng
RT: 20.68 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

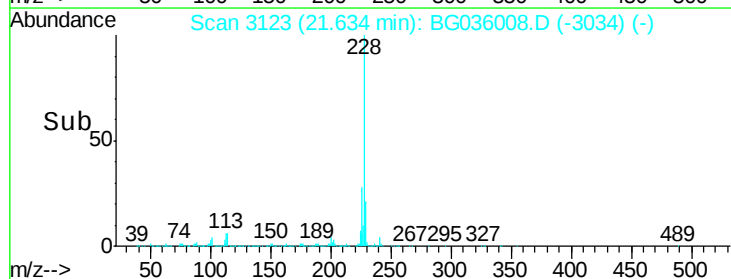
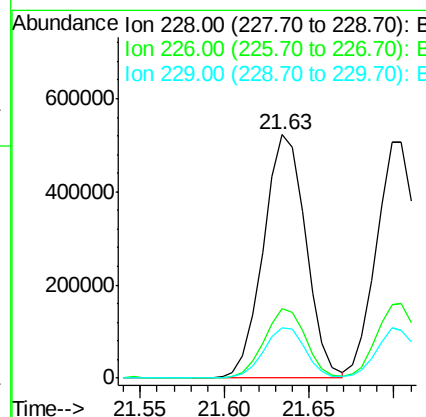
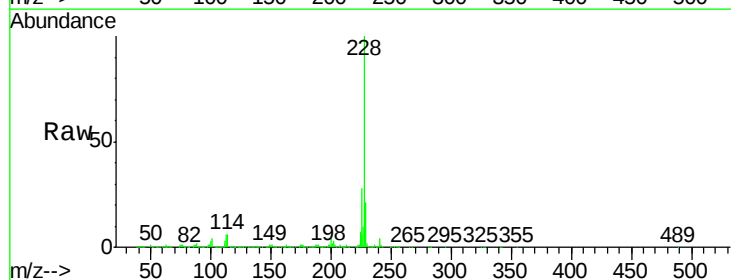
Instrument :
BNA_G
ClientSampleId :
PB111635BS

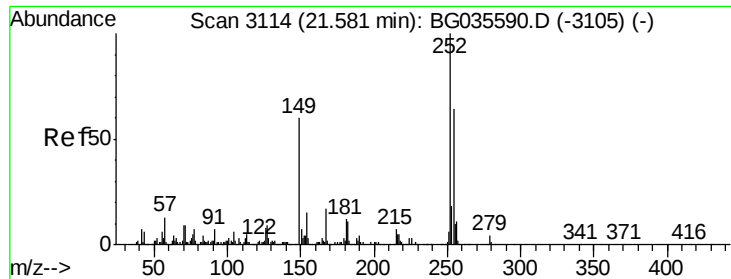
Tgt Ion:149 Resp: 339531
Ion Ratio Lower Upper
149 100
91 77.8 62.2 93.2
206 26.8 18.6 27.8



#80
Benzo(a)anthracene
Concen: 47.475 ng
RT: 21.63 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BG036008.D
Acq: 31 Jul 2018 19:26

Tgt Ion:228 Resp: 905430
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 20.7 16.2 24.2

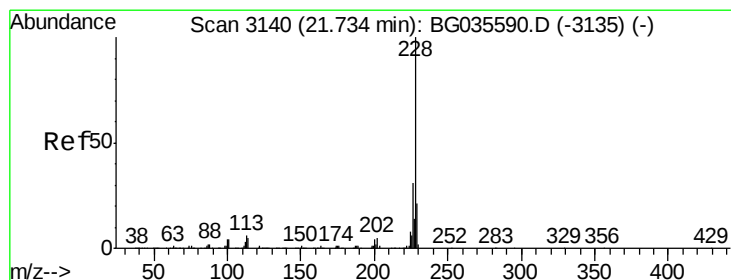
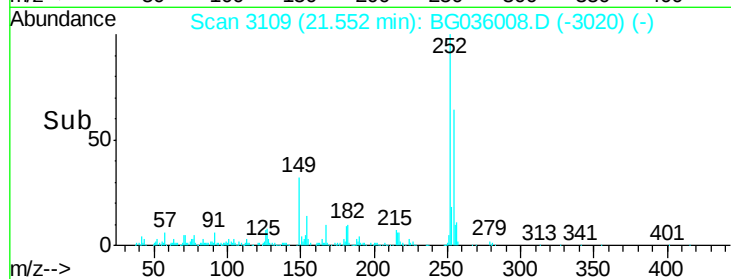
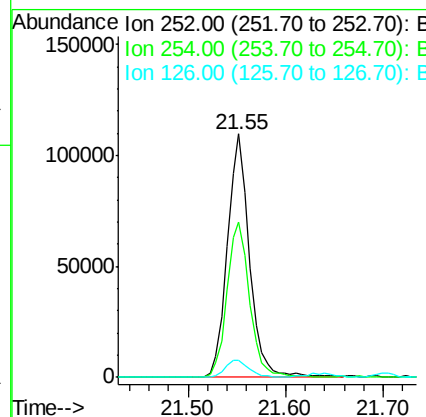
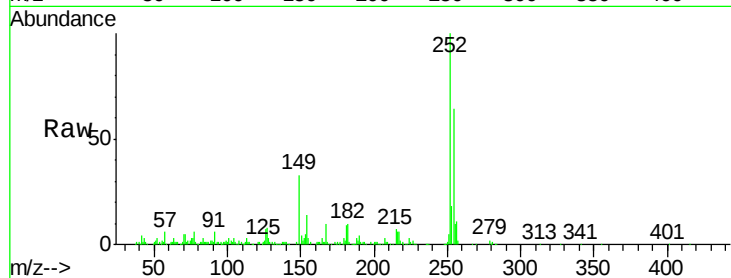




#81
 3,3'-Dichlorobenzidine
 Concen: 25.961 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

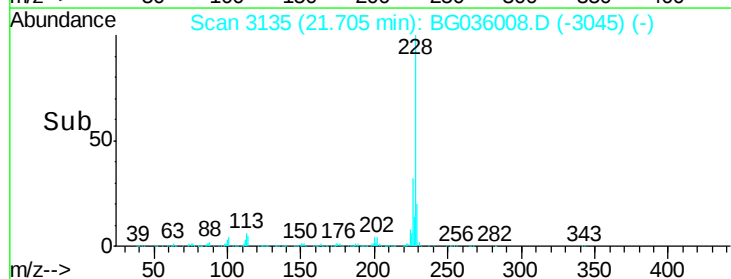
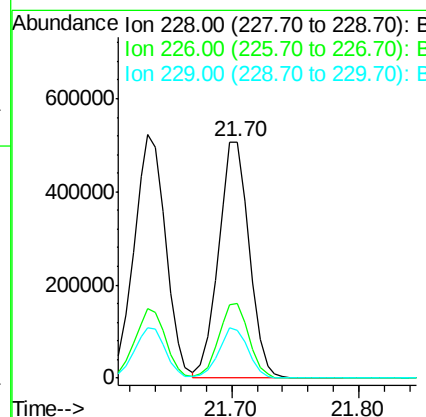
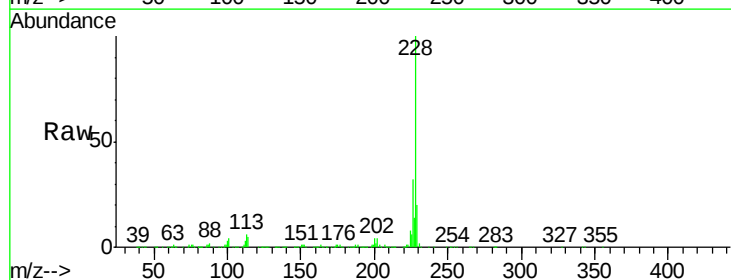
Instrument :
 BNA_G
 ClientSampled :
 PB111635BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.8	76.2
126	7.1	7.4	11.2#



#82
 Chrysene
 Concen: 48.254 ng
 RT: 21.70 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.1	15.0	22.4

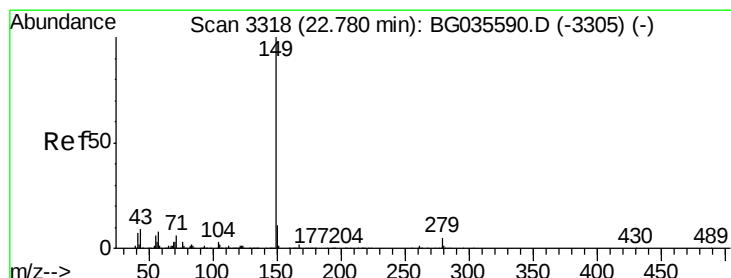
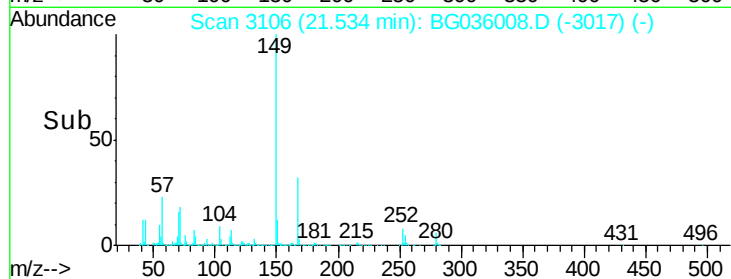
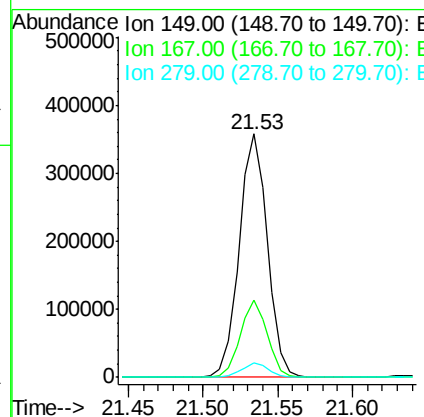
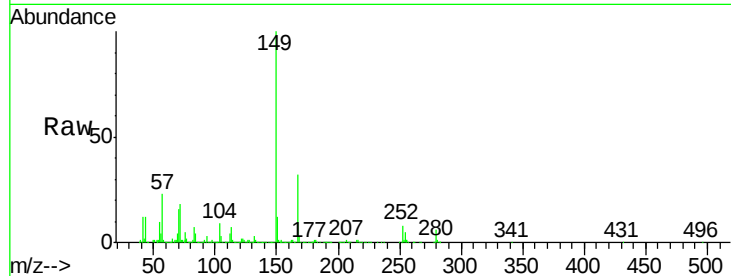




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.834 ng
 RT: 21.53 min Scan# 3106
 Delta R.T. -0.01 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

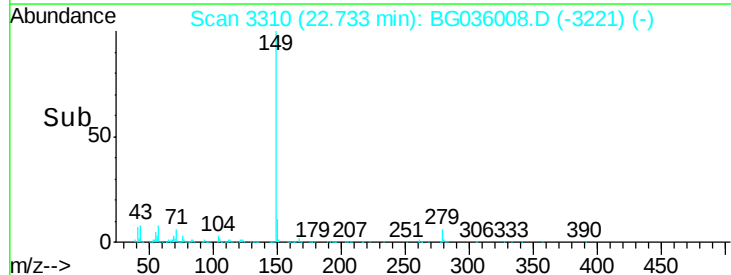
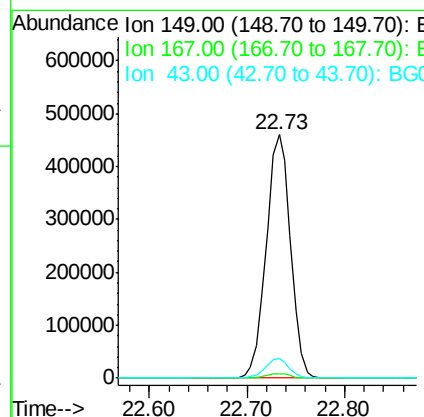
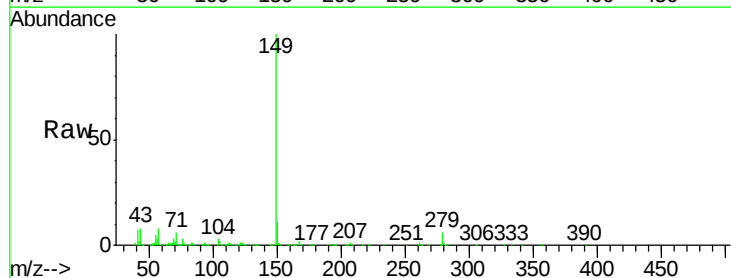
Instrument :
 BNA_G
 ClientSampleId :
 PB111635BS

Tgt Ion:149 Resp: 468830
 Ion Ratio Lower Upper
 149 100
 167 31.8 24.3 36.5
 279 6.1 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 51.062 ng
 RT: 22.73 min Scan# 3310
 Delta R.T. -0.01 min
 Lab File: BG036008.D
 Acq: 31 Jul 2018 19:26

Tgt Ion:149 Resp: 804347
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 8.0 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.182 ng

RT: 28.50 min Scan# 4292

Delta R.T. -0.00 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

Instrument :

BNA_G

ClientSampleId :

PB111635BS

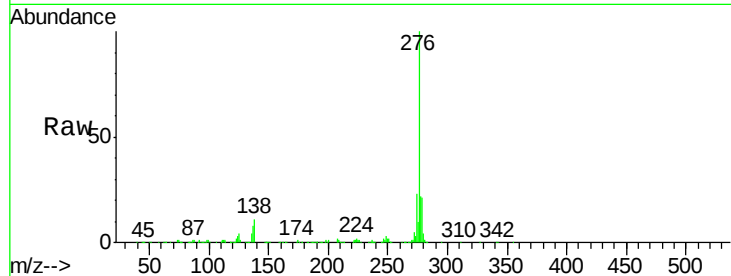
Tgt Ion:276 Resp: 981903

Ion Ratio Lower Upper

276 100

138 14.3 16.0 24.0#

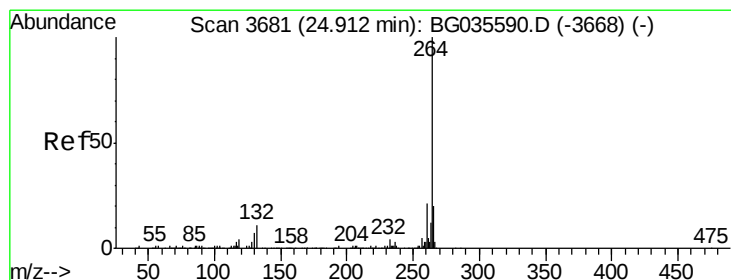
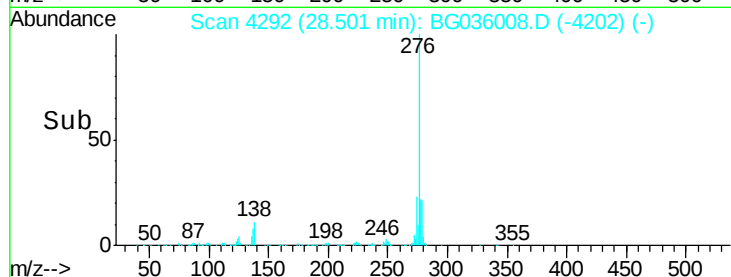
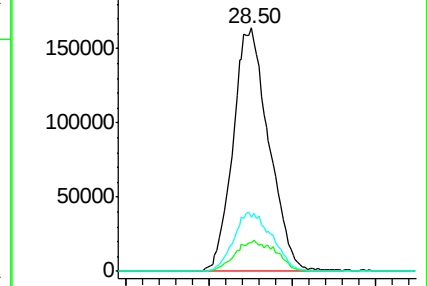
277 25.9 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

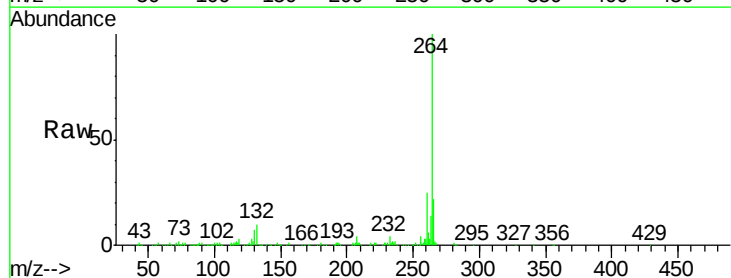
Tgt Ion:264 Resp: 292469

Ion Ratio Lower Upper

264 100

260 25.0 17.4 26.0

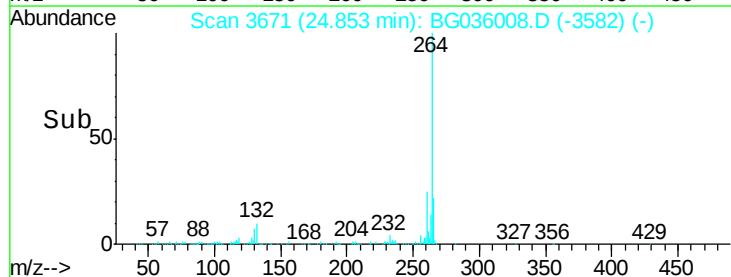
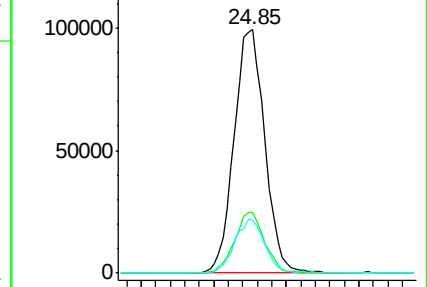
265 21.7 17.7 26.5

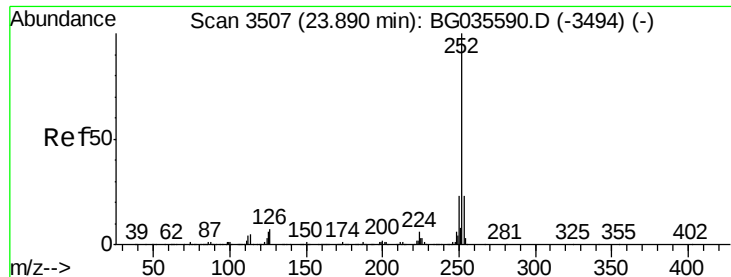


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.938 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

Instrument :

BNA_G

ClientSampleId :

PB111635BS

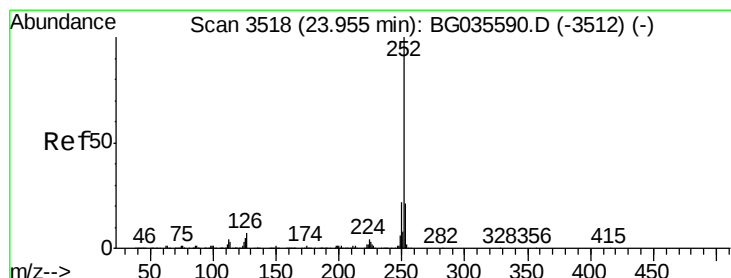
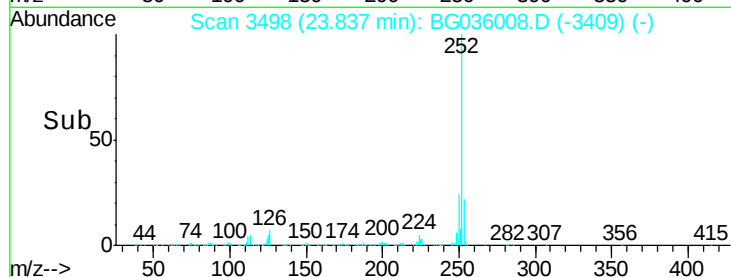
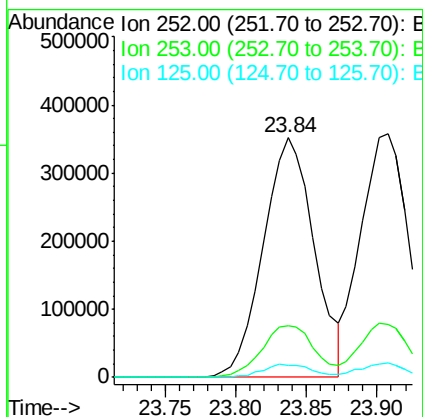
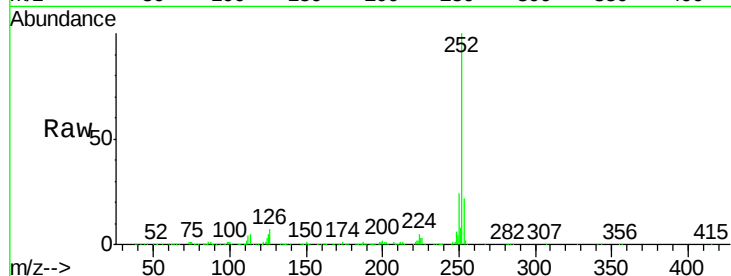
Tgt Ion:252 Resp: 887713

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

125 5.1 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 48.291 ng

RT: 23.91 min Scan# 3510

Delta R.T. -0.00 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

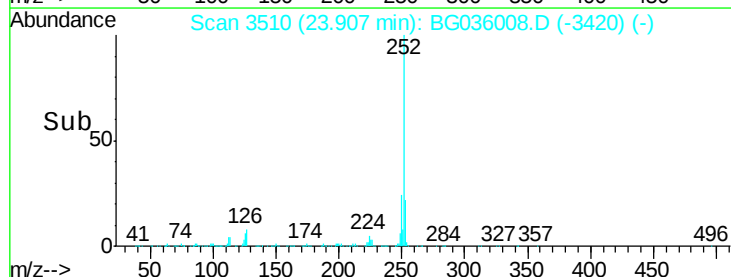
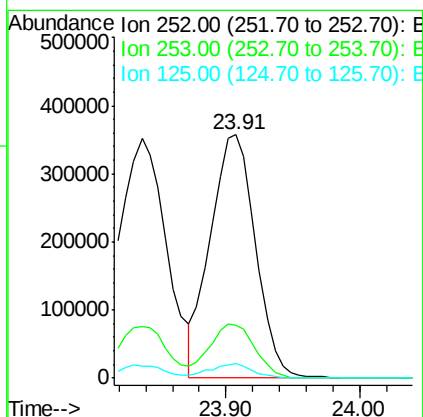
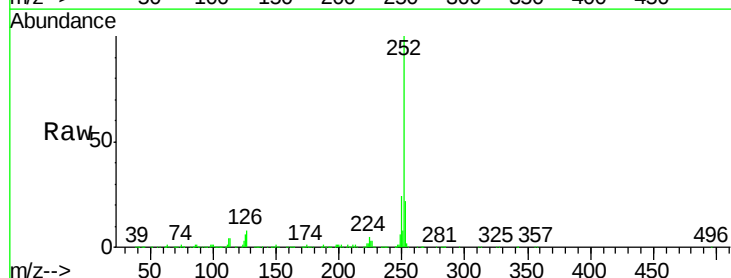
Tgt Ion:252 Resp: 839237

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 5.9 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 50.987 ng

RT: 24.70 min Scan# 3645

Delta R.T. -0.01 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

Instrument :

BNA_G

ClientSampleId :

PB111635BS

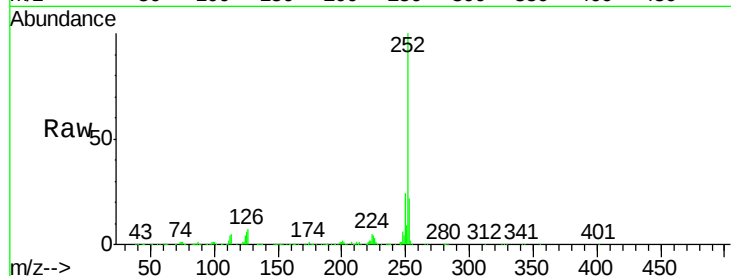
Tgt Ion:252 Resp: 843209

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

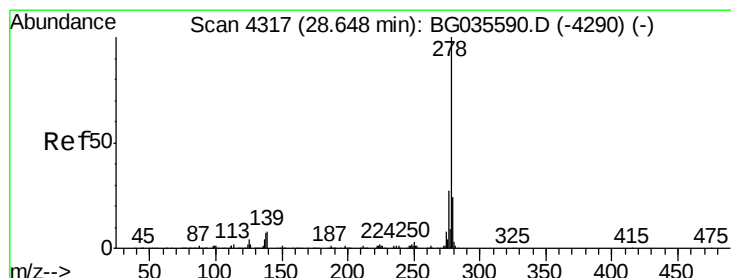
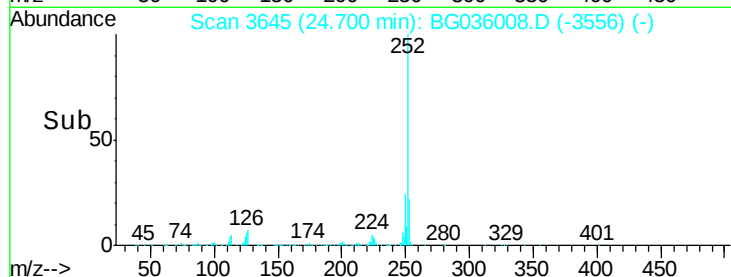
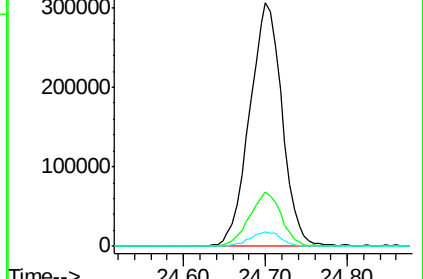
125 6.0 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.332 ng

RT: 28.55 min Scan# 4301

Delta R.T. -0.01 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

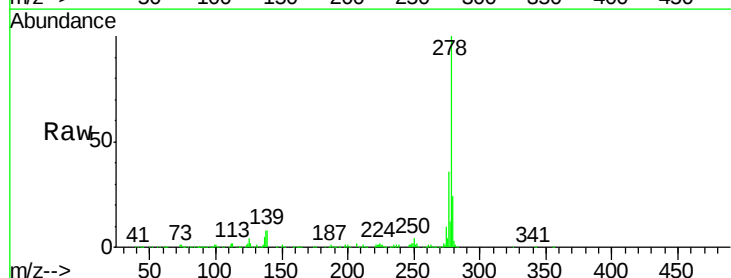
Tgt Ion:278 Resp: 817177

Ion Ratio Lower Upper

278 100

139 8.5 9.8 14.6#

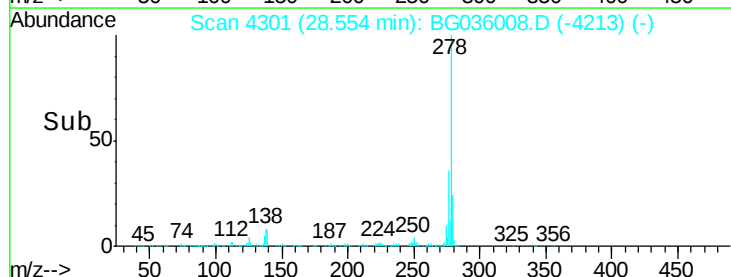
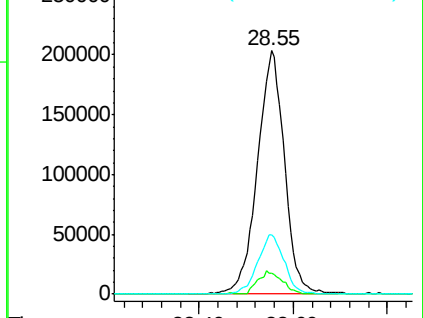
279 24.2 18.4 27.6

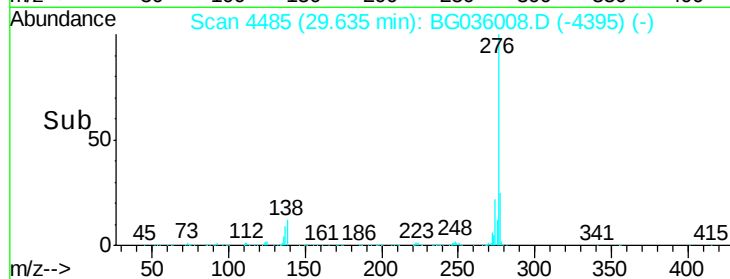
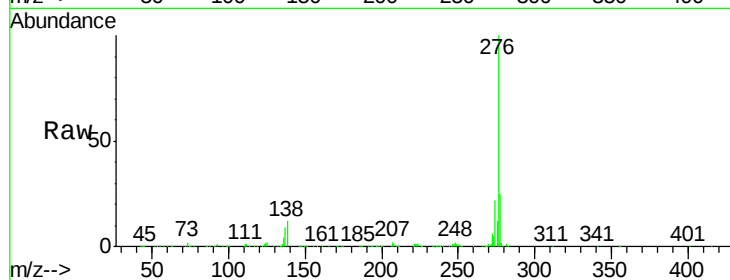
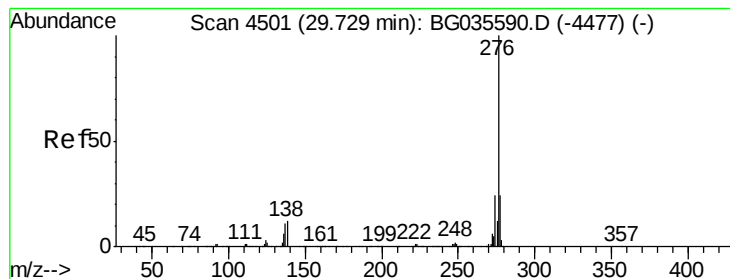


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 51.426 ng

RT: 29.63 min Scan# 4485

Delta R.T. -0.00 min

Lab File: BG036008.D

Acq: 31 Jul 2018 19:26

Instrument :

BNA_G

ClientSampleId :

PB111635BS

Tgt Ion:276 Resp: 817020

Ion Ratio Lower Upper

276 100

277 24.9 18.3 27.5

138 11.6 13.9 20.9#

