

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100618\
 Data File : BG037216.D
 Acq On : 6 Oct 2018 17:13
 Operator : JU/SJ
 Sample : PB113547BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113547BS

Quant Time: Oct 08 04:48:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	32221	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	142115	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	97421	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	267320	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	279773	20.00	ng	-0.02
86) Perylene-d12	24.86	264	282181	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	121963	72.59	ng	-0.02
7) Phenol-d6	7.20	99	183586	70.63	ng	-0.02
23) Nitrobenzene-d5	9.19	82	173026	65.20	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	83693	71.80	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	412729	63.10	ng	-0.02
78) Terphenyl-d14	20.01	244	808385	75.98	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	24023	31.248	ng	95
3) Pyridine	3.91	79	58925	26.545	ng	98
4) n-Nitrosodimethylamine	3.82	42	31839	32.271	ng	# 92
6) Aniline	7.35	93	59776	17.722	ng	97
8) 2-Chlorophenol	7.59	128	66249	33.960	ng	99
9) Benzaldehyde	7.17	77	39758	23.147	ng	96
10) Phenol	7.22	94	92319	34.412	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	66404	26.759	ng	99
12) 1,3-Dichlorobenzene	7.92	146	65966	27.581	ng	96
13) 1,4-Dichlorobenzene	8.06	146	68919	28.158	ng	99
14) 1,2-Dichlorobenzene	8.38	146	67059	28.273	ng	94
15) Benzyl Alcohol	8.27	79	56864	26.960	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	141514	29.703	ng	97
17) 2-Methylphenol	8.47	107	58326	31.212	ng	97
18) Hexachloroethane	9.11	117	28047	31.139	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	58787	27.186	ng	99
20) 3+4-Methylphenols	8.80	107	84630	32.554	ng	99
22) Acetophenone	8.85	105	100180	29.997	ng	# 97
24) Nitrobenzene	9.23	77	83520	29.470	ng	99
25) Isophorone	9.75	82	166502	34.337	ng	98
26) 2-Nitrophenol	9.95	139	34450	30.497	ng	92
27) 2,4-Dimethylphenol	10.00	122	65918	37.461	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	92869	31.038	ng	100
29) 2,4-Dichlorophenol	10.49	162	71757	35.178	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	72367	28.349	ng	97
31) Naphthalene	10.89	128	217884	32.222	ng	98
32) Benzoic acid	10.14	122	14602	15.337	ng	# 87
33) 4-Chloroaniline	11.01	127	45373	14.758	ng	98
34) Hexachlorobutadiene	11.16	225	47041	26.647	ng	99
35) Caprolactam	11.76	113	19738	23.510	ng	100
36) 4-Chloro-3-methylphenol	12.11	107	89011	36.571	ng	98
37) 2-Methylnaphthalene	12.48	142	172660	33.526	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	93689	27.573	ng	98
40) Hexachlorocyclopentadiene	12.83	237	94510	54.082	ng	98

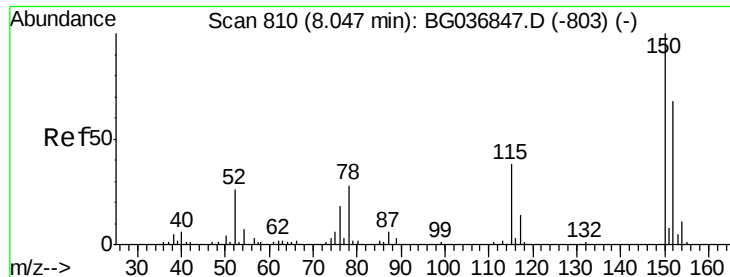
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100618\
 Data File : BG037216.D
 Acq On : 6 Oct 2018 17:13
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	61581	32.637	ng	94
43) 2,4,5-Trichlorophenol	13.16	196	72068	35.820	ng	97
45) 1,1'-Biphenyl	13.49	154	229687	30.785	ng	98
46) 2-Chloronaphthalene	13.54	162	176059	30.006	ng	99
47) 2-Nitroaniline	13.74	65	69401	34.197	ng	98
48) Acenaphthylene	14.38	152	314000	34.151	ng	99
49) Dimethylphthalate	14.10	163	253050	32.270	ng	99
50) 2,6-Dinitrotoluene	14.23	165	56584	33.072	ng	99
51) Acenaphthene	14.72	154	175179	31.525	ng	98
52) 3-Nitroaniline	14.57	138	38387	21.292	ng	92
53) 2,4-Dinitrophenol	14.77	184	26193	37.193	ng	94
54) Dibenzofuran	15.05	168	302969	32.233	ng	99
55) 4-Nitrophenol	14.87	139	80971	70.302	ng	98
56) 2,4-Dinitrotoluene	15.02	165	82452	34.536	ng	99
57) Fluorene	15.70	166	248633	35.391	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	76438	37.451	ng	97
59) Diethylphthalate	15.47	149	264074	33.388	ng	97
60) 4-Chlorophenyl-phenylether	15.69	204	128893	28.970	ng	97
61) 4-Nitroaniline	15.73	138	63023	33.233	ng	96
62) Azobenzene	15.99	77	273224	35.952	ng	97
64) 4,6-Dinitro-2-methylphenol	15.79	198	37947	27.152	ng	98
65) n-Nitrosodiphenylamine	15.91	169	230320	31.209	ng	96
66) 4-Bromophenyl-phenylether	16.59	248	87119	28.652	ng	97
67) Hexachlorobenzene	16.71	284	90672	28.954	ng	98
68) Atrazine	16.85	200	98873	33.088	ng	97
69) Pentachlorophenol	17.05	266	92903	47.119	ng	99
70) Phenanthrene	17.44	178	437963	33.998	ng	97
71) Anthracene	17.54	178	444413	34.889	ng	99
72) Carbazole	17.81	167	395849	31.873	ng	97
73) Di-n-butylphthalate	18.35	149	473329	34.318	ng	98
74) Fluoranthene	19.45	202	538990	34.759	ng	98
76) Benzidine	19.63	184	172522	20.399	ng	97
77) Pyrene	19.81	202	537068	31.990	ng	98
79) Butylbenzylphthalate	20.69	149	223260	33.363	ng	95
80) Benzo(a)anthracene	21.65	228	532527	32.607	ng	97
81) 3,3'-Dichlorobenzidine	21.57	252	113405	18.243	ng	99
82) Chrysene	21.71	228	510943	32.380	ng	99
83) Bis(2-ethylhexyl)phthalate	21.55	149	306525	32.789	ng	99
84) Di-n-octyl phthalate	22.75	149	524588	34.082	ng	99
85) Indeno(1,2,3-cd)pyrene	28.48	276	573567	33.849	ng	# 93
87) Benzo(b)fluoranthene	23.84	252	497195	33.062	ng	98
88) Benzo(k)fluoranthene	23.91	252	520472	34.498	ng	100
89) Benzo(a)pyrene	24.71	252	498071	34.259	ng	99
90) Dibenzo(a,h)anthracene	28.55	278	473204	34.729	ng	100
91) Benzo(g,h,i)perylene	29.62	276	472577	34.558	ng	100

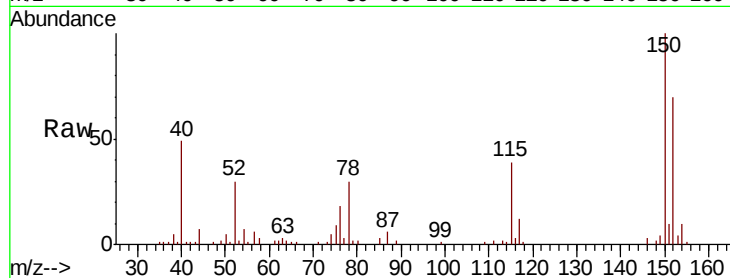
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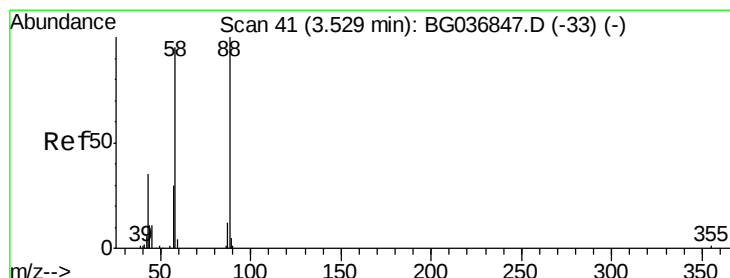
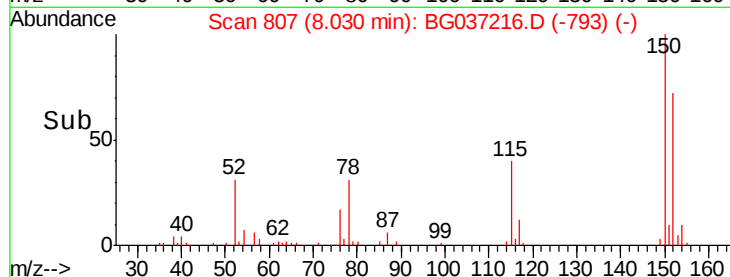
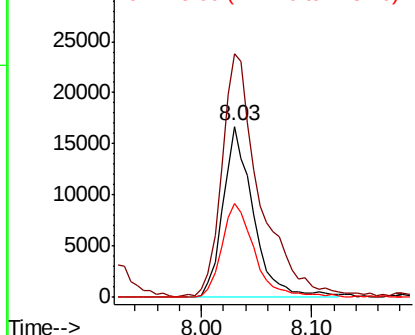
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Instrument :
 BNA_G
 ClientSampleId :
 PB113547BS

Tgt Ion:152 Resp: 32221
 Ion Ratio Lower Upper
 152 100
 150 142.3 119.5 179.3
 115 54.9 44.5 66.7

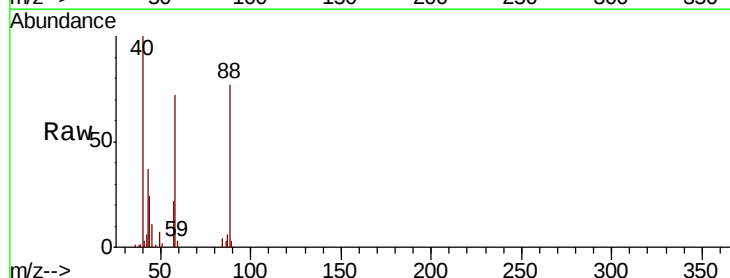


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

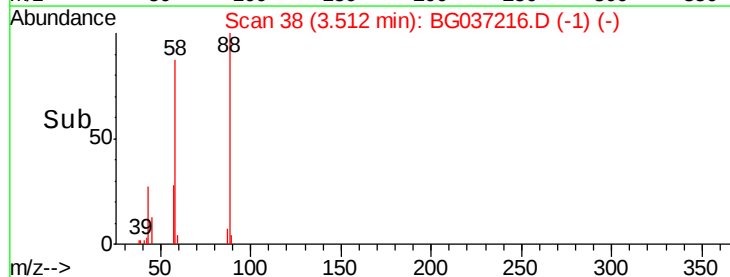
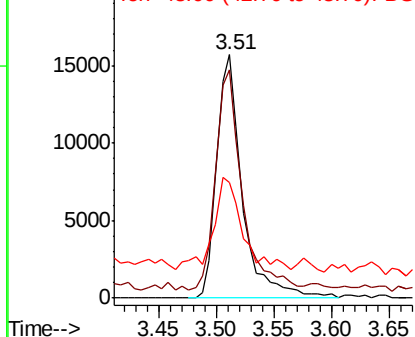


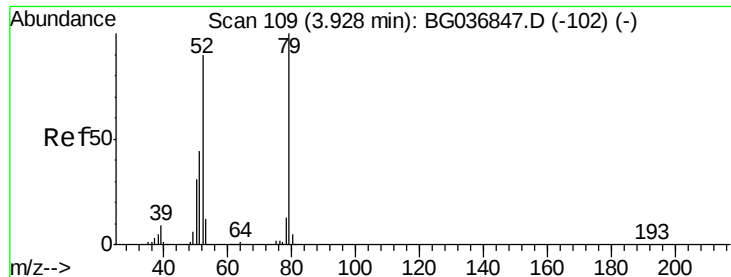
#2
 1,4-Dioxane
 Concen: 31.248 ng
 RT: 3.51 min Scan# 38
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Tgt Ion: 88 Resp: 24023
 Ion Ratio Lower Upper
 88 100
 58 93.5 72.6 109.0
 43 43.1 29.0 43.4



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





#3

Pyridine

Concen: 26.545 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

Instrument :

BNA_G

ClientSampleId :

PB113547BS

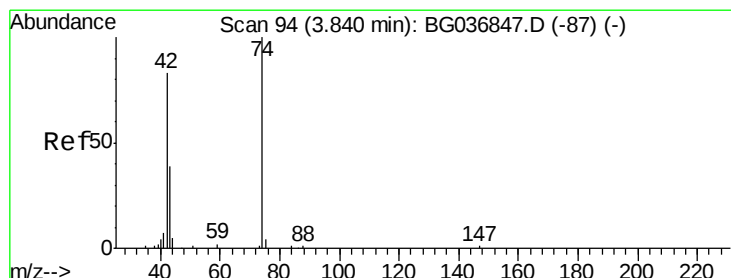
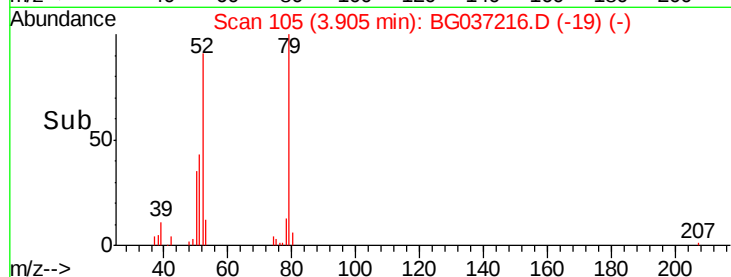
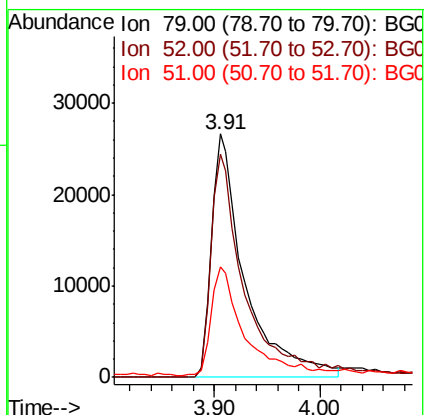
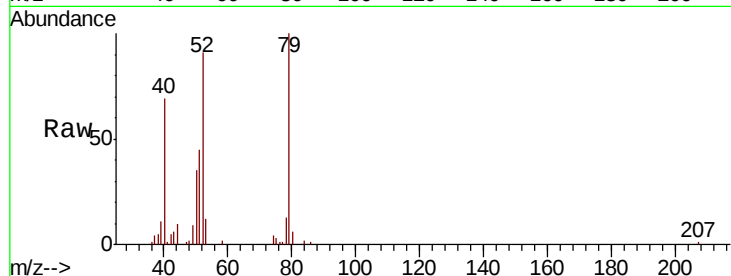
Tgt Ion: 79 Resp: 58925

Ion Ratio Lower Upper

79 100

52 91.4 72.3 108.5

51 45.4 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 32.271 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

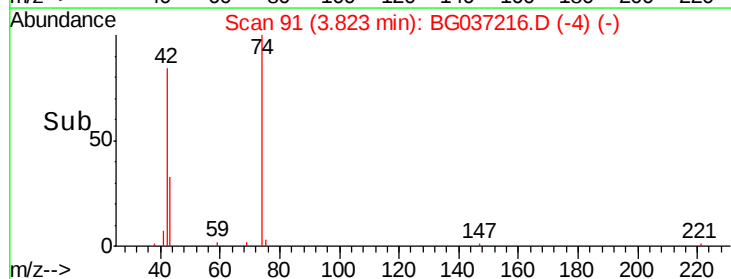
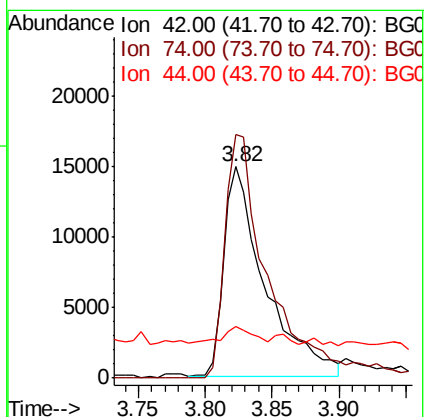
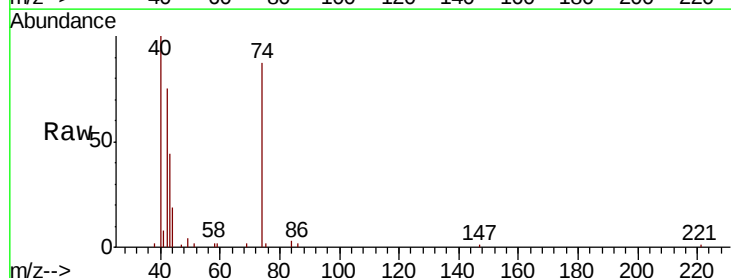
Tgt Ion: 42 Resp: 31839

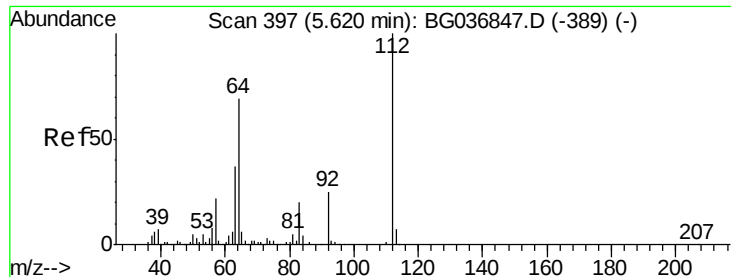
Ion Ratio Lower Upper

42 100

74 115.2 96.6 145.0

44 24.5 7.0 10.4#





#5

2-Fluorophenol

Concen: 72.592 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

Instrument :

BNA_G

ClientSampleId :

PB113547BS

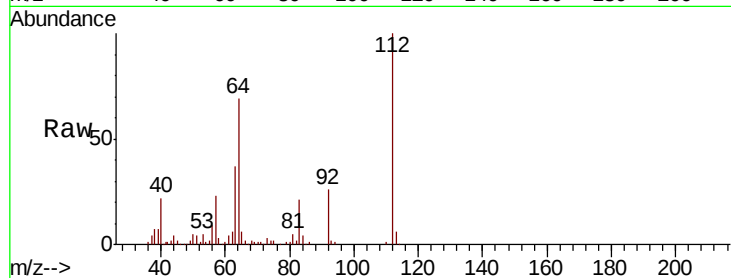
Tgt Ion: 112 Resp: 121963

Ion Ratio Lower Upper

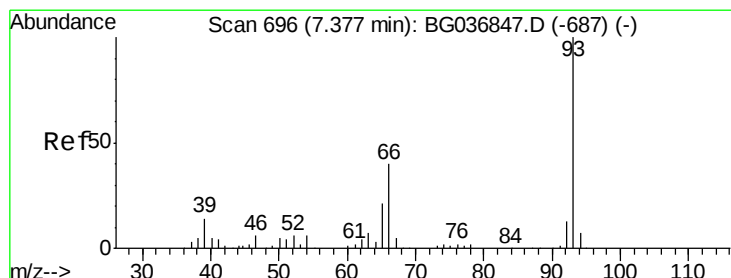
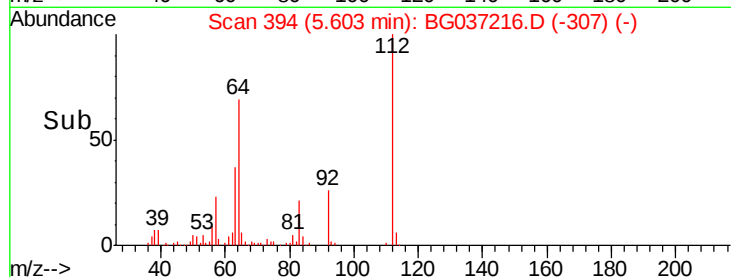
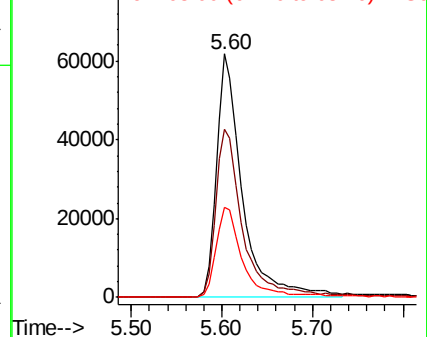
112 100

64 69.2 57.2 85.8

63 36.7 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.722 ng

RT: 7.35 min Scan# 692

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

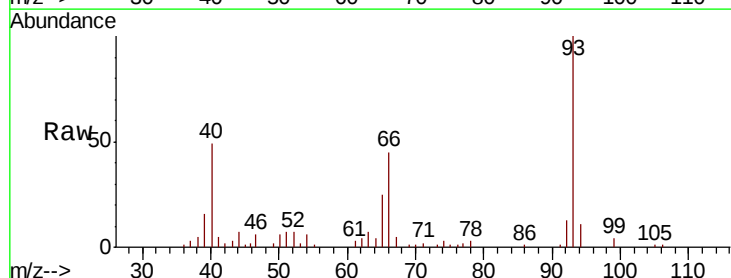
Tgt Ion: 93 Resp: 59776

Ion Ratio Lower Upper

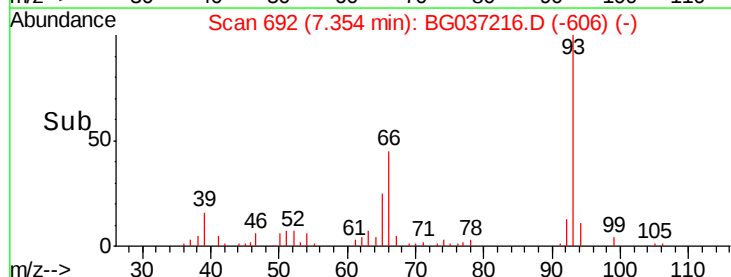
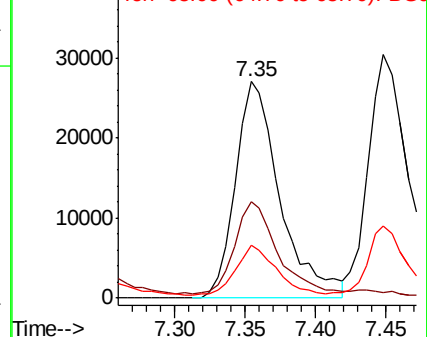
93 100

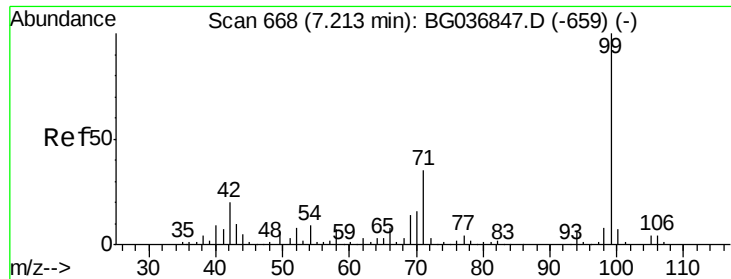
66 44.8 35.0 52.4

65 24.6 17.6 26.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 70.626 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

Instrument :

BNA_G

ClientSampleId :

PB113547BS

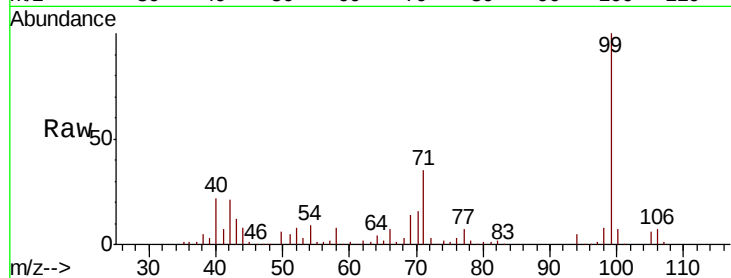
Tgt Ion: 99 Resp: 183586

Ion Ratio Lower Upper

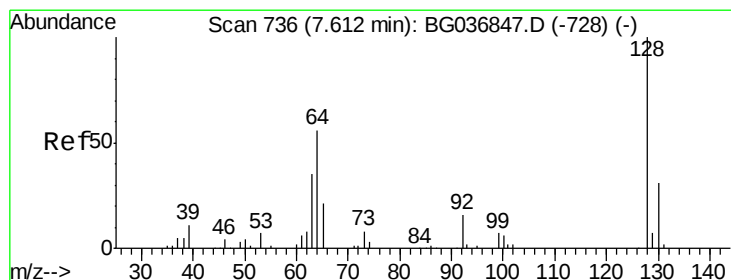
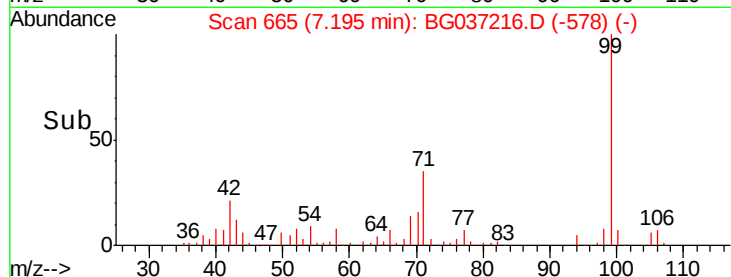
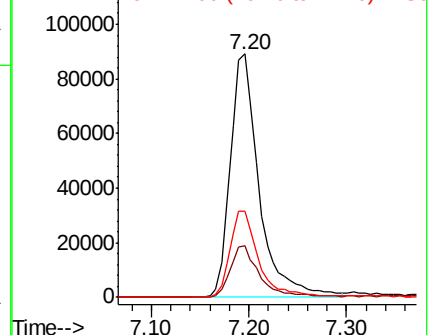
99 100

42 21.3 16.5 24.7

71 35.2 29.4 44.2



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: 33.960 ng

RT: 7.59 min Scan# 733

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

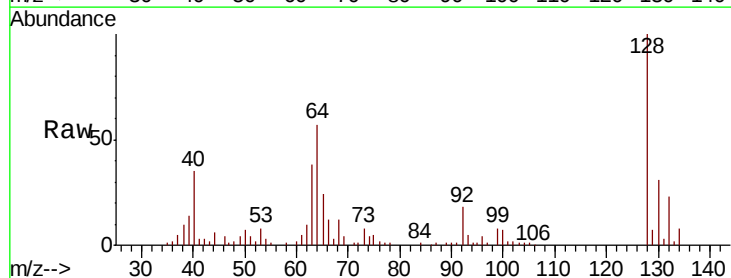
Tgt Ion: 128 Resp: 66249

Ion Ratio Lower Upper

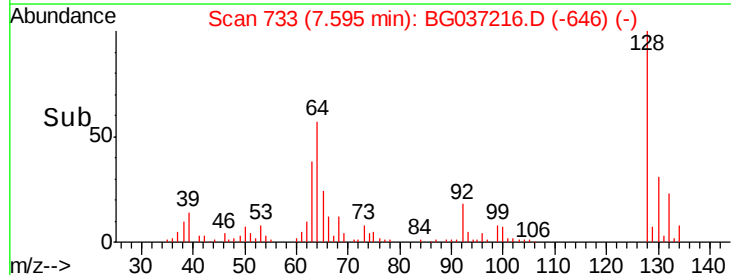
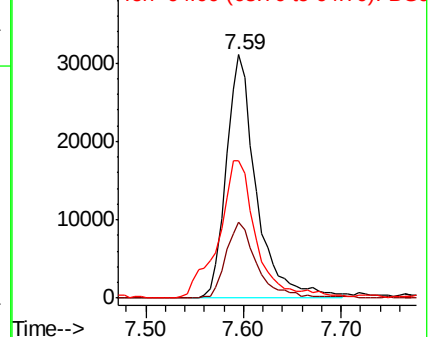
128 100

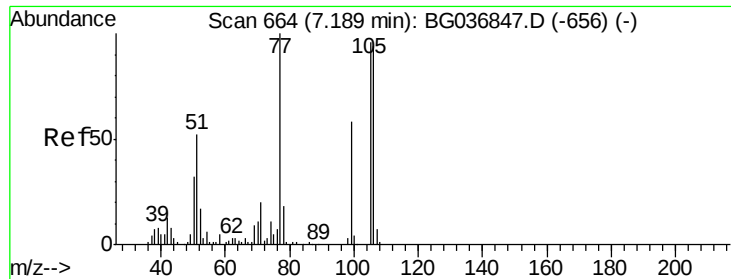
130 31.0 10.0 50.0

64 56.6 36.0 76.0



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





#9

Benzaldehyde

Concen: 23.147 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

Instrument :

BNA_G

ClientSampleId :

PB113547BS

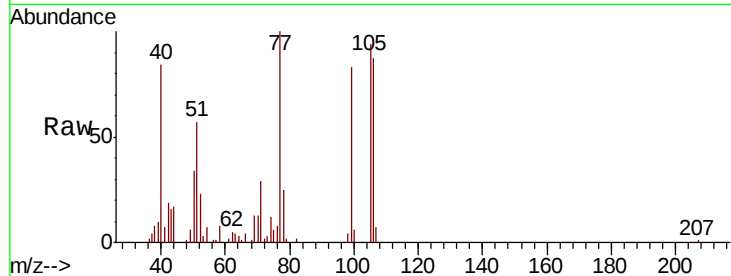
Tgt Ion: 77 Resp: 39758

Ion Ratio Lower Upper

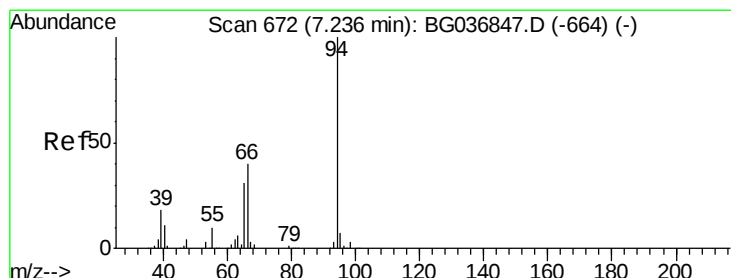
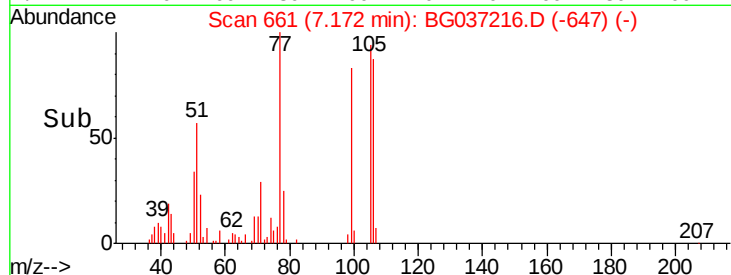
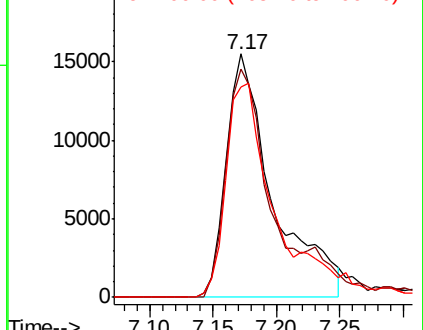
77 100

105 93.9 70.5 110.5

106 86.5 69.8 109.8



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: 34.412 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

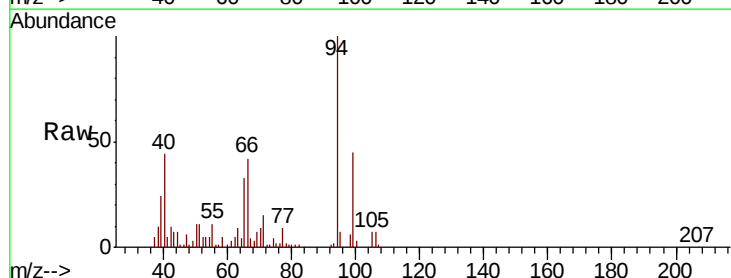
Tgt Ion: 94 Resp: 92319

Ion Ratio Lower Upper

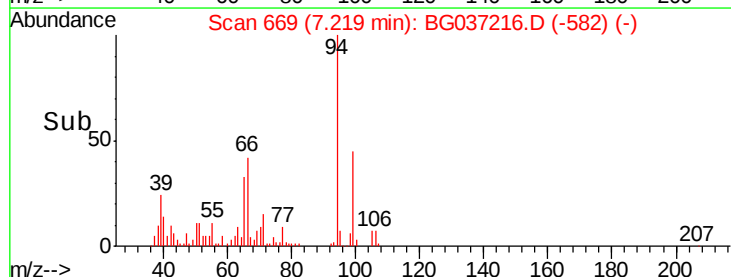
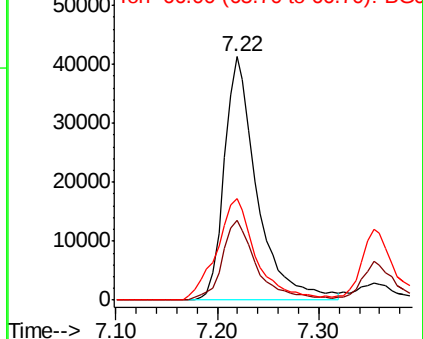
94 100

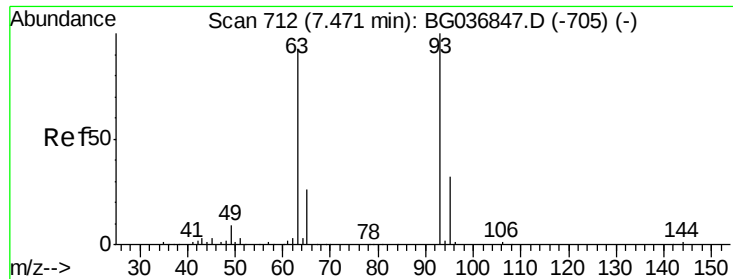
65 32.8 11.5 51.5

66 41.7 19.5 59.5



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

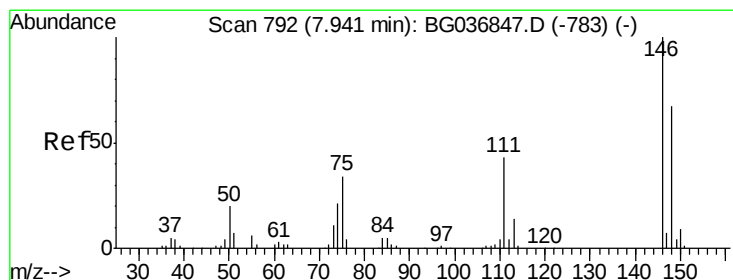
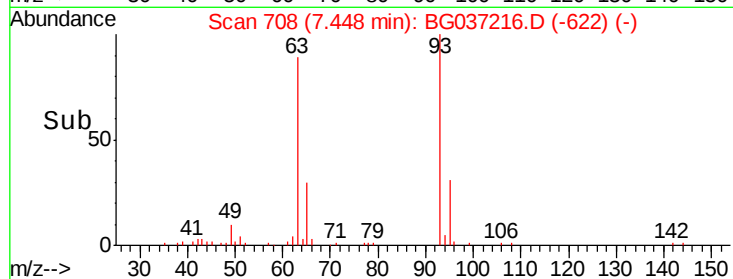
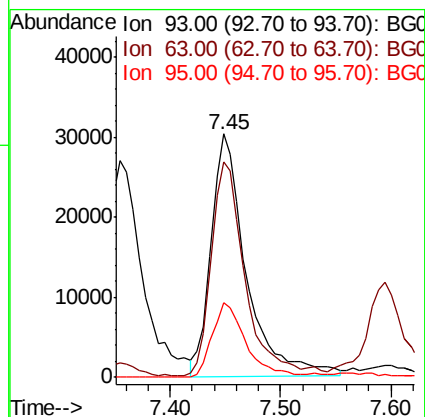
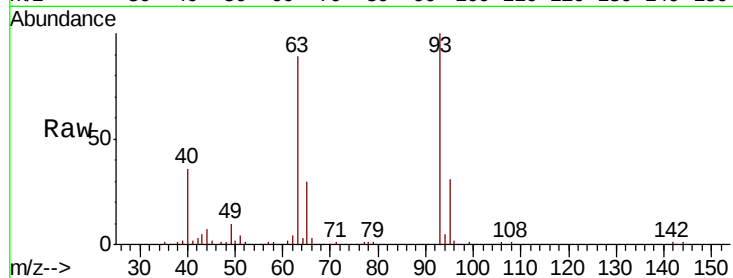




#11
 bis(2-Chloroethyl)ether
 Concen: 26.759 ng
 RT: 7.45 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

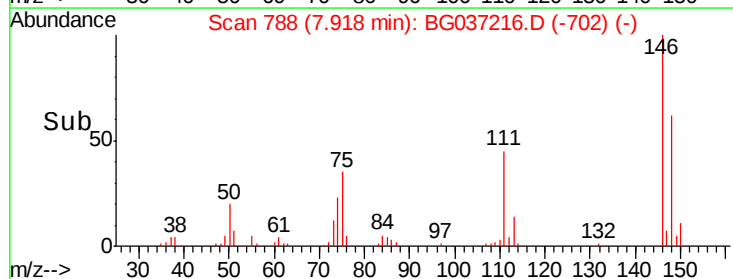
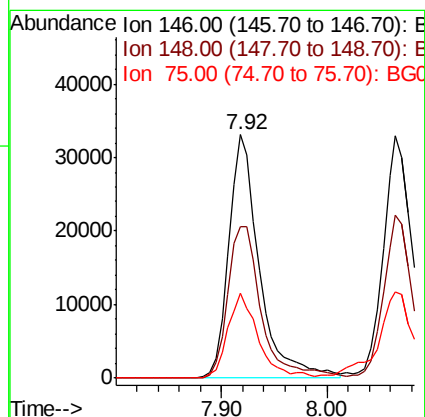
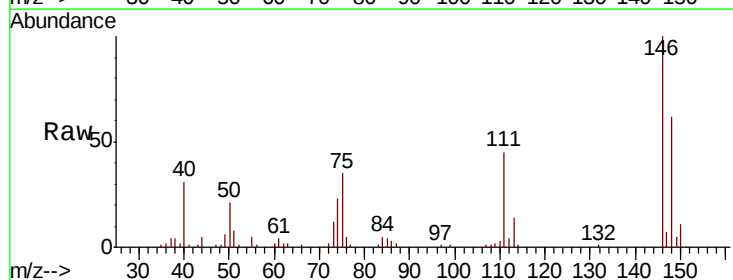
Instrument :
 BNA_G
 ClientSampleId :
 PB113547BS

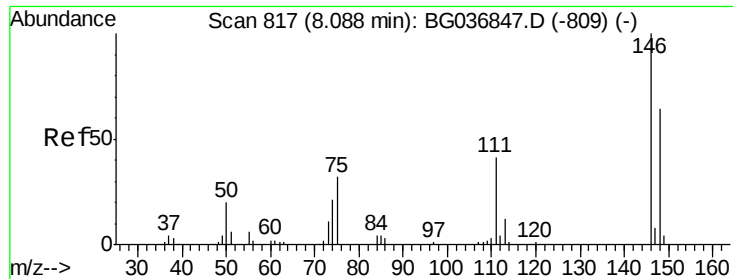
Tgt Ion: 93 Resp: 66404
 Ion Ratio Lower Upper
 93 100
 63 88.8 69.9 109.9
 95 30.7 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 27.581 ng
 RT: 7.92 min Scan# 788
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Tgt Ion: 146 Resp: 65966
 Ion Ratio Lower Upper
 146 100
 148 62.4 53.8 80.6
 75 34.6 27.2 40.8

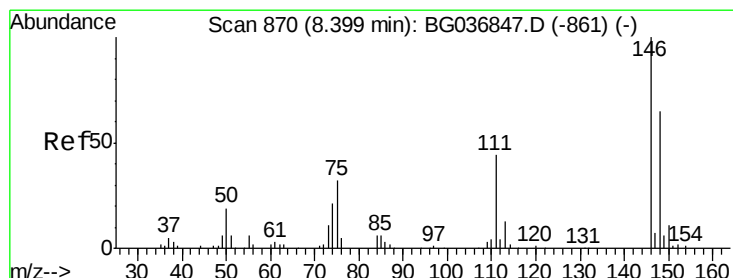
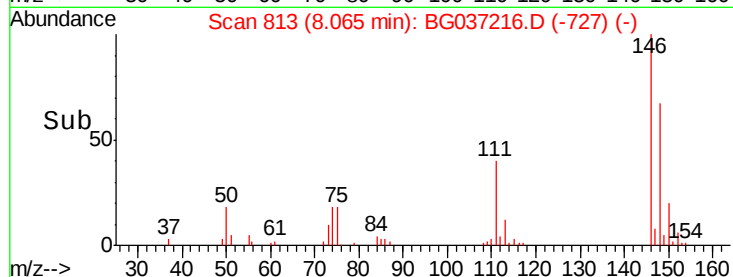
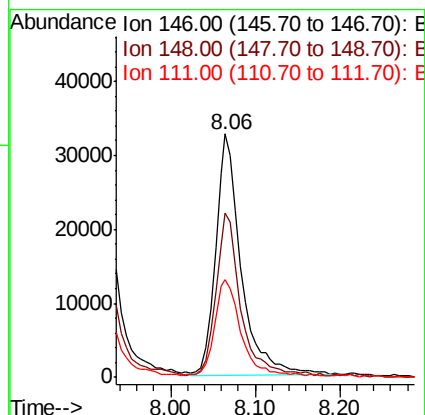
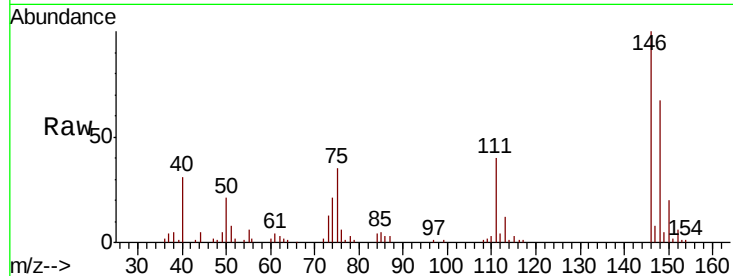




#13
 1,4-Dichlorobenzene
 Concen: 28.158 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

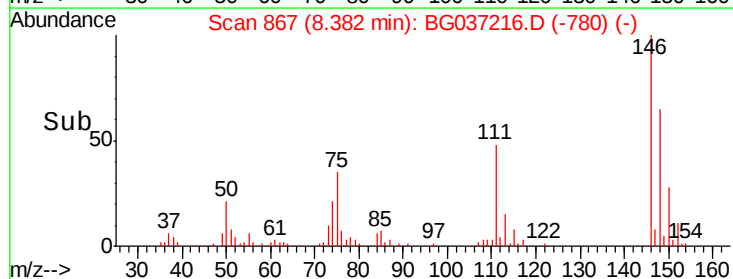
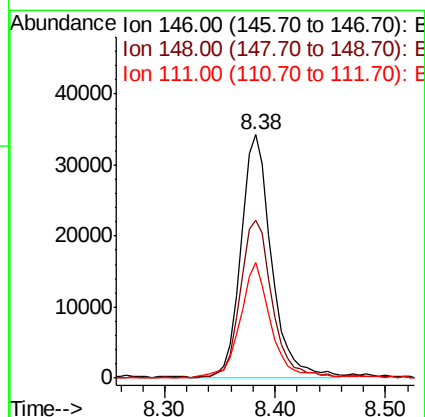
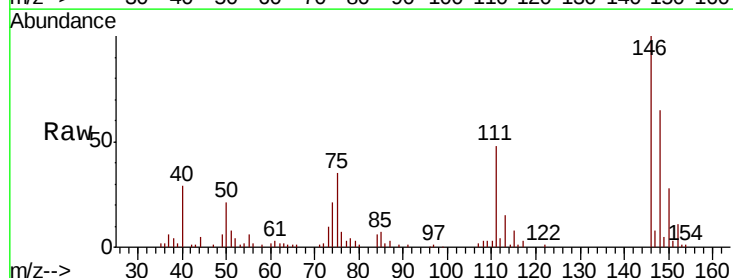
Instrument :
 BNA_G
 ClientSampleId :
 PB113547BS

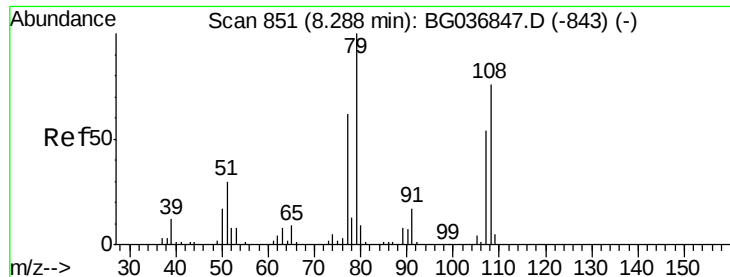
Tgt Ion:146 Resp: 68919
 Ion Ratio Lower Upper
 146 100
 148 67.3 53.9 80.9
 111 40.0 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 28.273 ng
 RT: 8.38 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Tgt Ion:146 Resp: 67059
 Ion Ratio Lower Upper
 146 100
 148 64.6 55.0 82.6
 111 47.5 34.6 51.8





#15

Benzyl Alcohol

Concen: 26.960 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

Instrument :

BNA_G

ClientSampleId :

PB113547BS

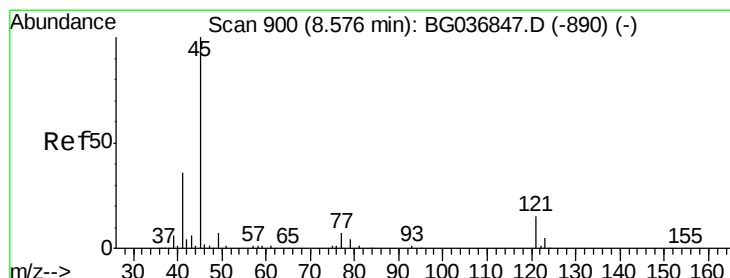
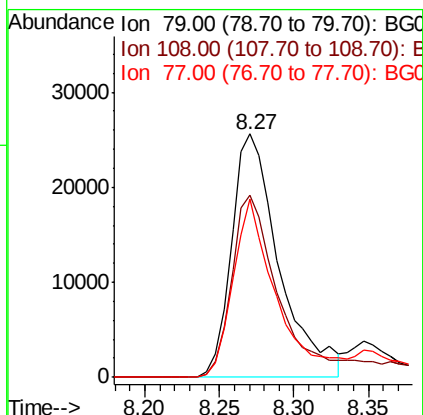
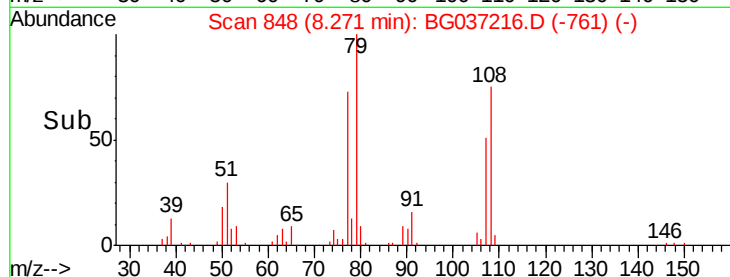
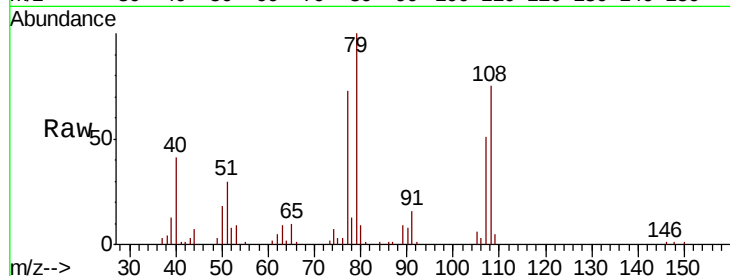
Tgt Ion: 79 Resp: 56864

Ion Ratio Lower Upper

79 100

108 74.9 55.9 83.9

77 73.5 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.703 ng

RT: 8.55 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

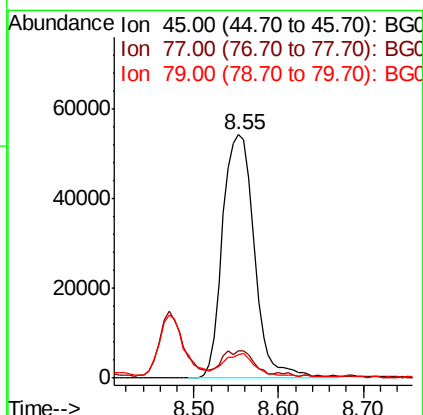
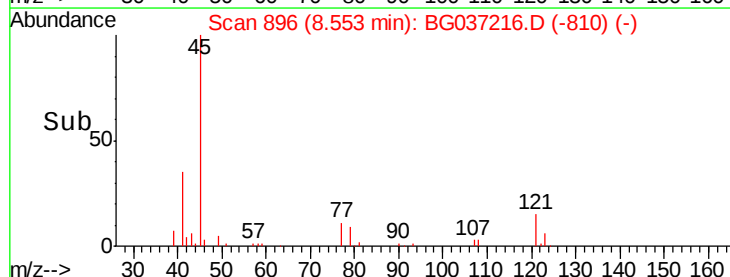
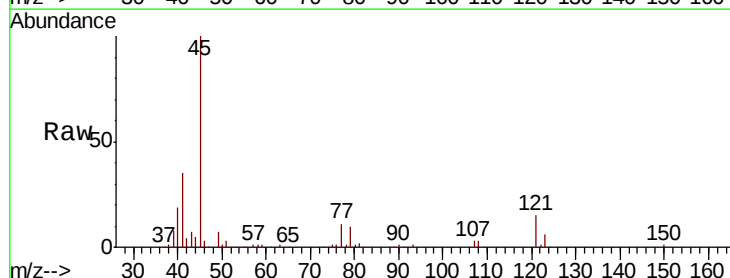
Tgt Ion: 45 Resp: 141514

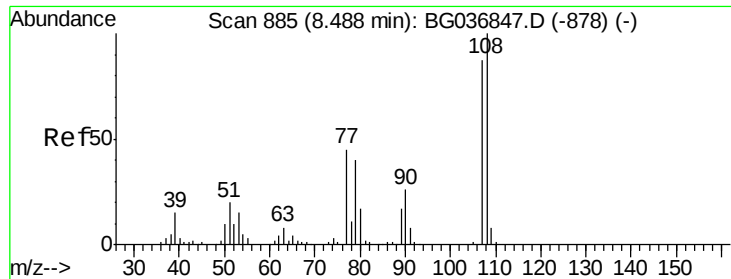
Ion Ratio Lower Upper

45 100

77 11.2 0.0 30.5

79 9.8 0.0 27.9

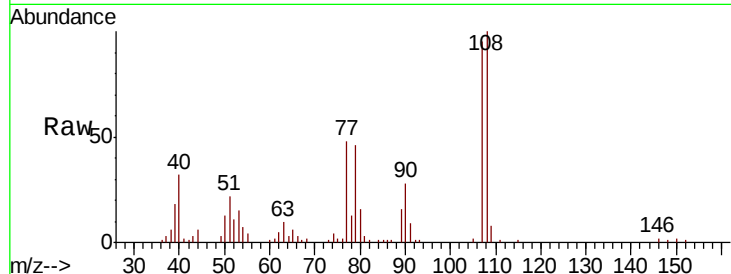




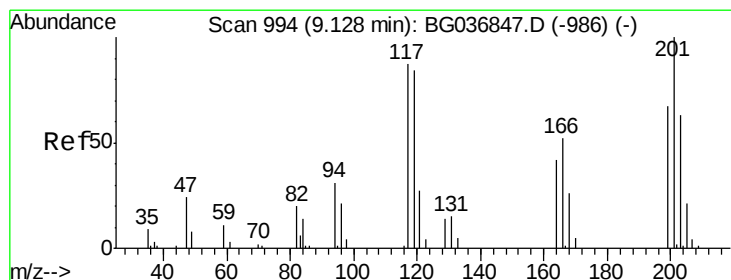
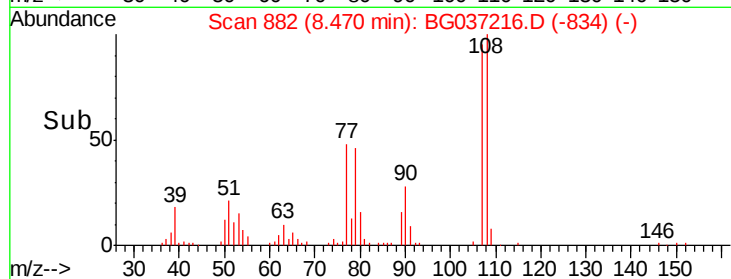
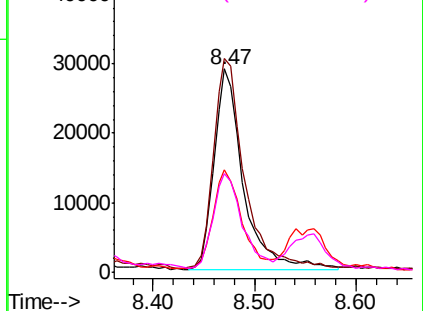
#17
2-Methylphenol
Concen: 31.212 ng
RT: 8.47 min Scan# 882
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

Instrument :
BNA_G
ClientSampleId :
PB113547BS

Tgt Ion:	107	Resp:	58326
Ion	Ratio	Lower	Upper
107	100		
108	105.1	86.7	130.1
77	50.7	39.0	58.4
79	48.6	36.6	54.8

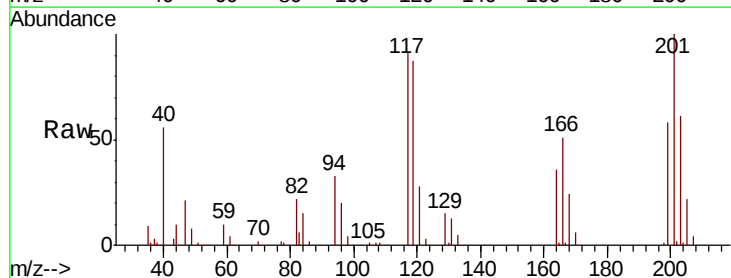


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

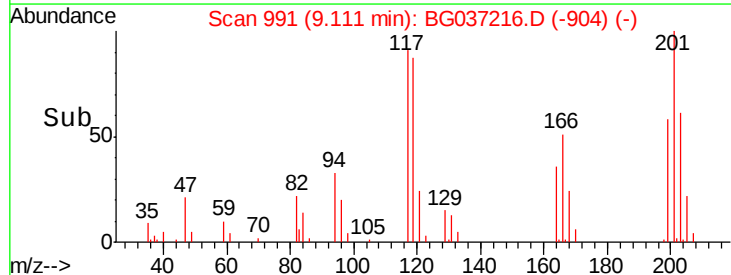
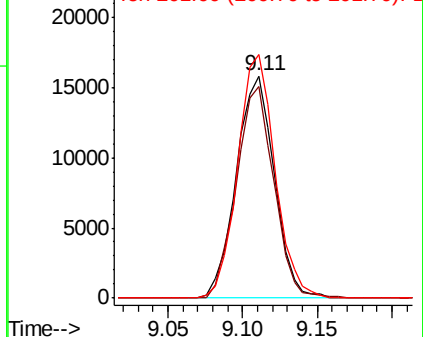


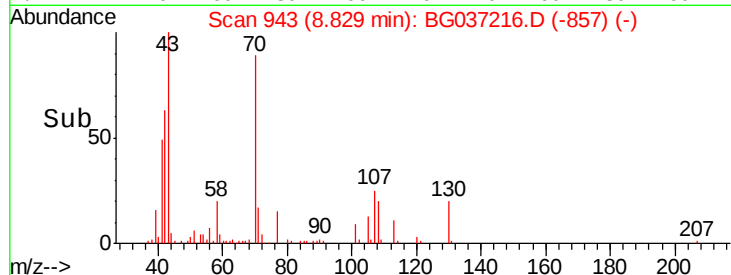
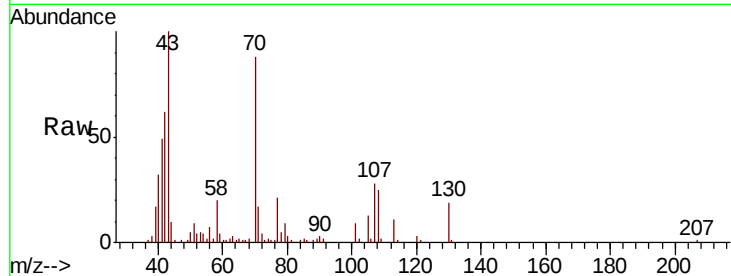
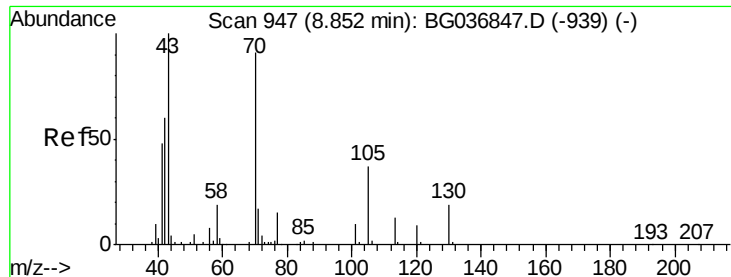
#18
Hexachloroethane
Concen: 31.139 ng
RT: 9.11 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

Tgt Ion:	117	Resp:	28047
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.8	115.2
201	109.5	85.7	128.5



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

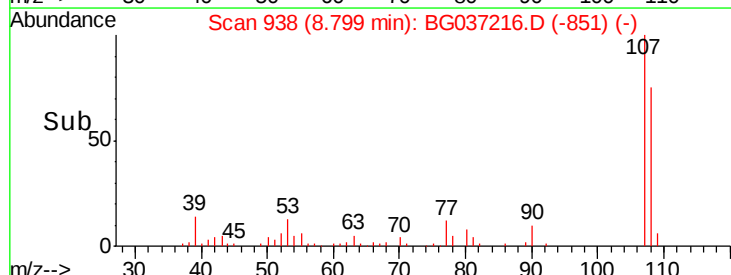
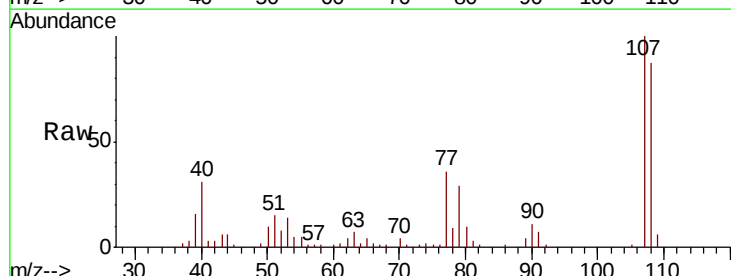
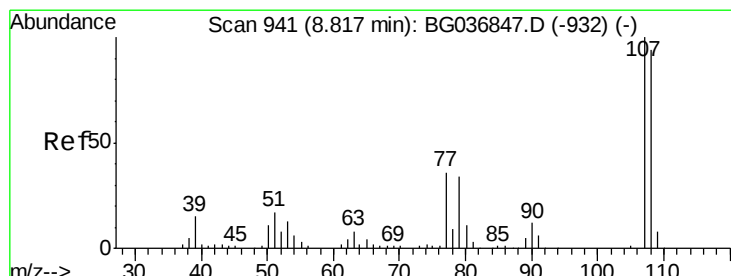
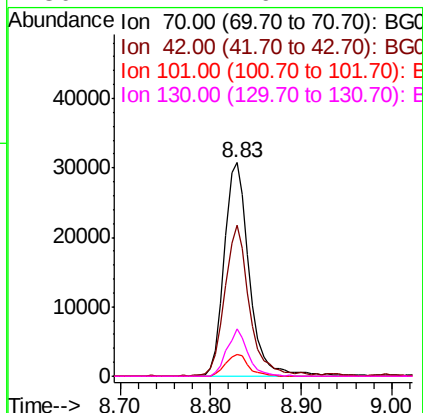




#19
n-Nitroso-di-n-propylamine
Concen: 27.186 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

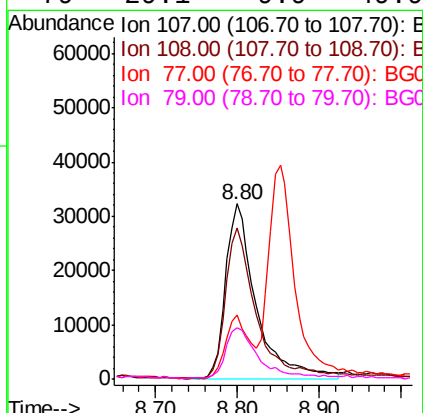
Instrument :
BNA_G
ClientSampleId :
PB113547BS

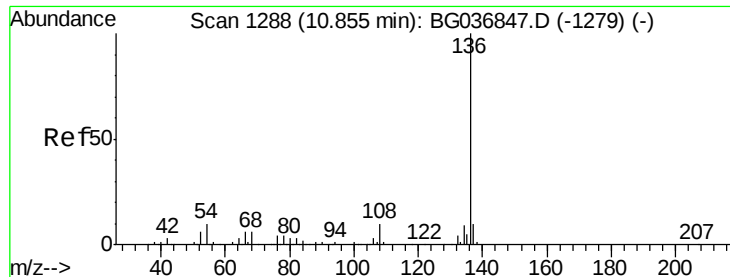
Tgt Ion: 70 Resp: 58787
Ion Ratio Lower Upper
70 100
42 70.6 56.2 84.4
101 10.2 7.8 11.6
130 22.1 16.2 24.2



#20
3+4-Methylphenols
Concen: 32.554 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

Tgt Ion: 107 Resp: 84630
Ion Ratio Lower Upper
107 100
108 86.7 68.0 108.0
77 36.4 15.6 55.6
79 29.1 9.9 49.9

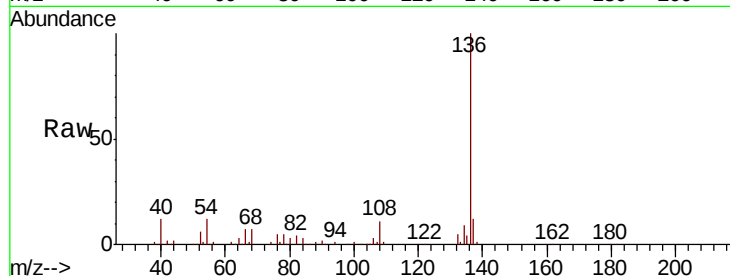




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

Instrument :
BNA_G
ClientSampleId :
PB113547BS

Tgt Ion:	136	Resp:	142115
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	11.7	9.2	13.8
68	6.9	5.8	8.6



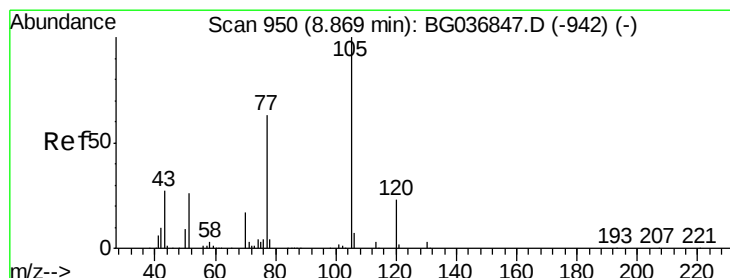
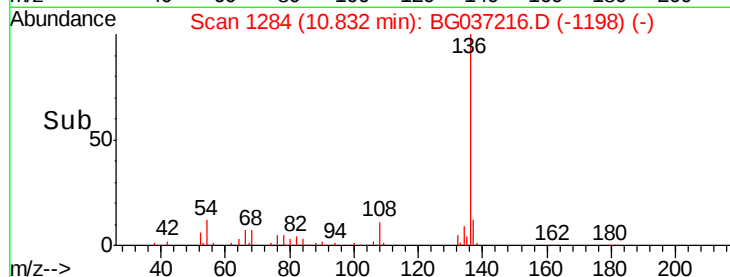
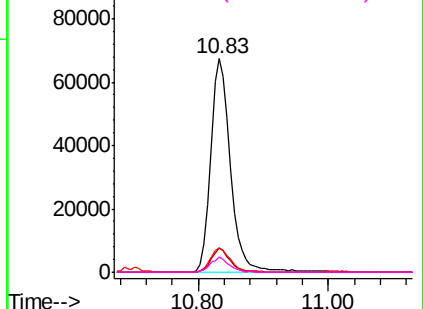
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

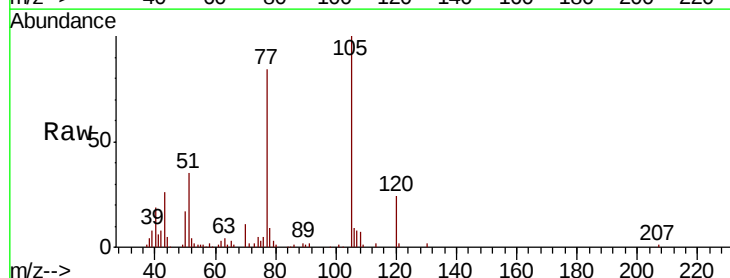
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 29.997 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

Tgt Ion:	105	Resp:	100180
Ion	Ratio	Lower	Upper
105	100		
71	1.8	2.4	3.6#
51	35.3	25.9	38.9
120	24.2	19.4	29.0



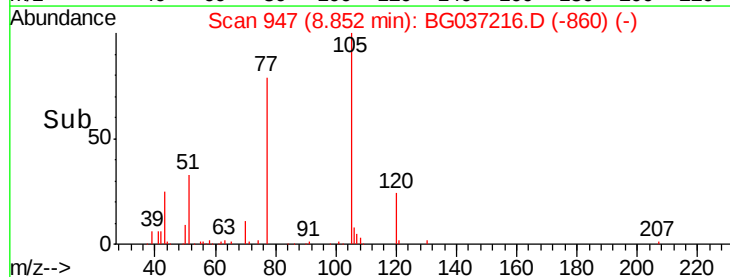
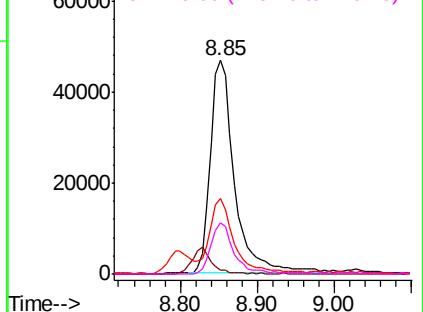
Abundance

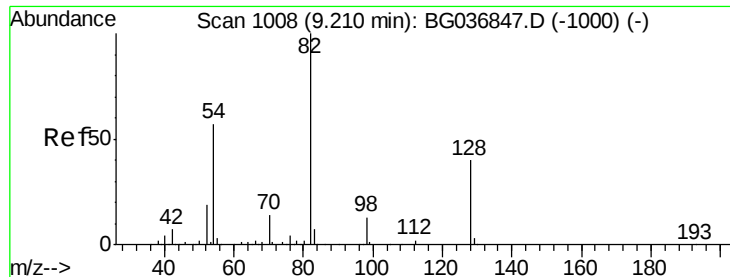
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

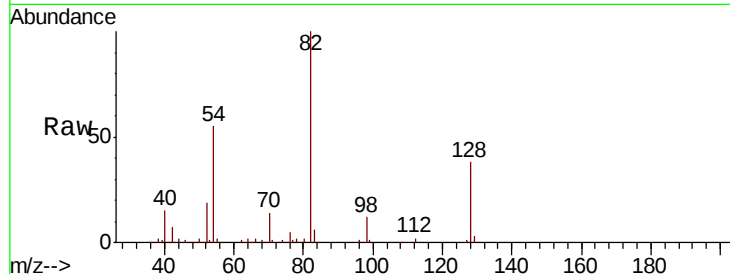




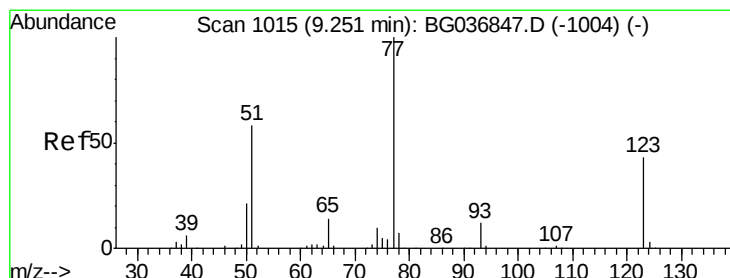
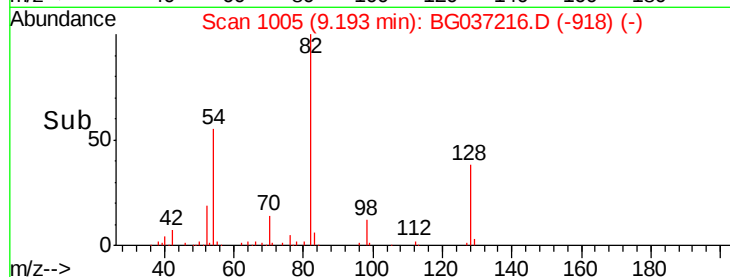
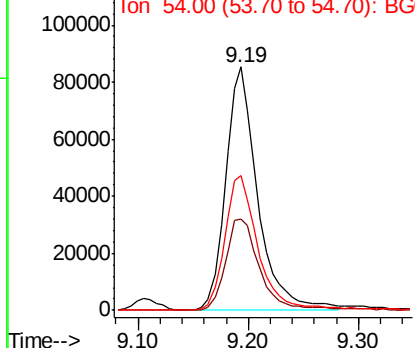
#23
 Nitrobenzene-d5
 Concen: 65.199 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Instrument :
 BNA_G
 ClientSampleId :
 PB113547BS

Tgt Ion: 82 Resp: 173026
 Ion Ratio Lower Upper
 82 100
 128 37.7 33.3 49.9
 54 55.3 45.1 67.7

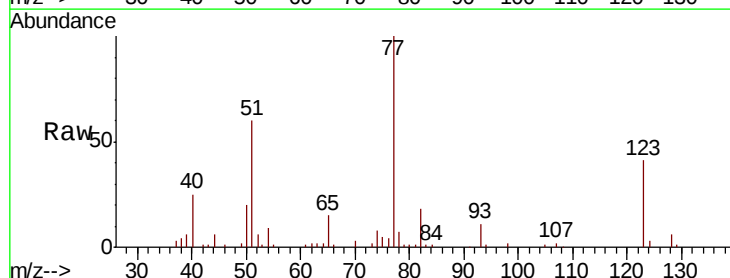


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

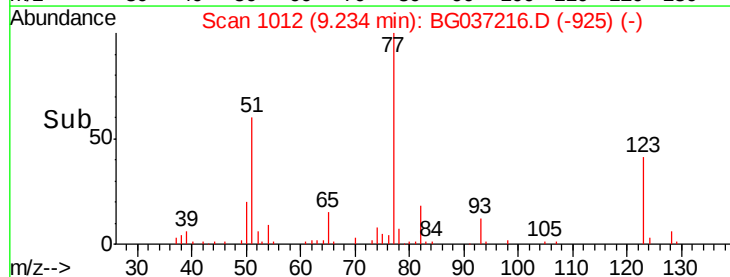
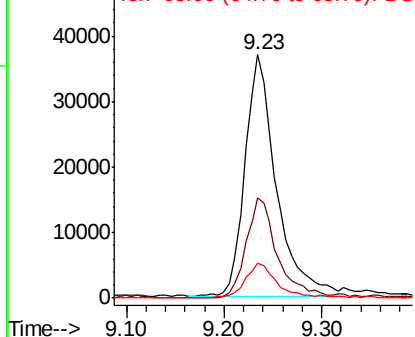


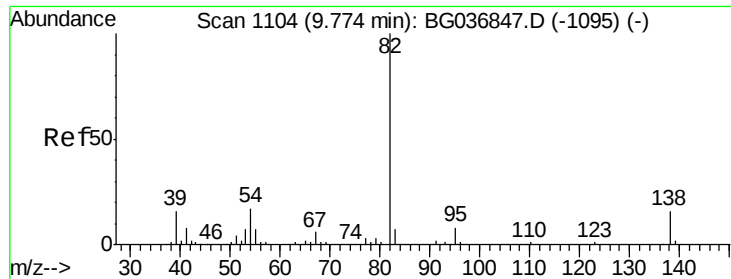
#24
 Nitrobenzene
 Concen: 29.470 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Tgt Ion: 77 Resp: 83520
 Ion Ratio Lower Upper
 77 100
 123 41.3 32.4 48.6
 65 14.6 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

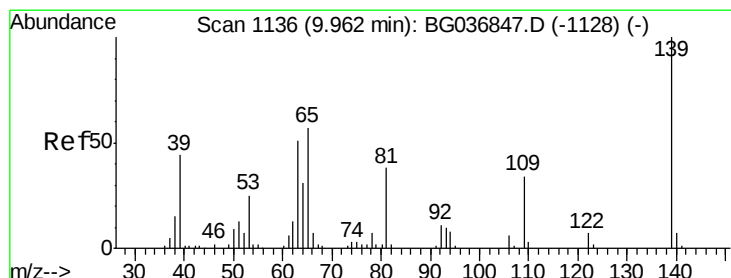
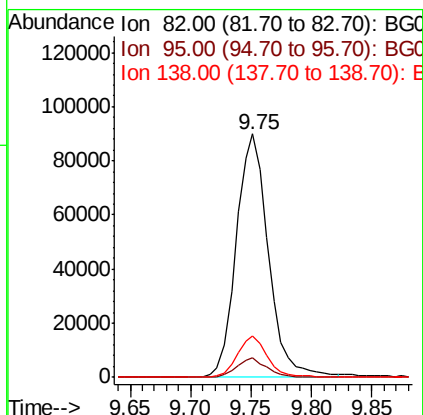
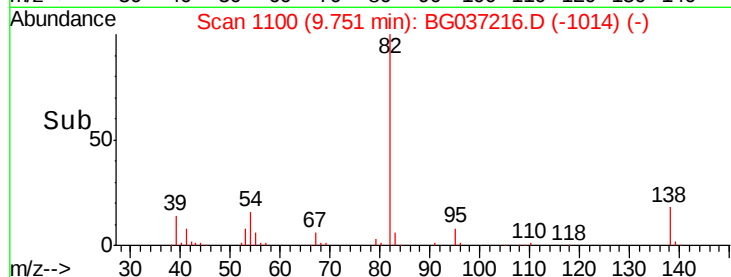
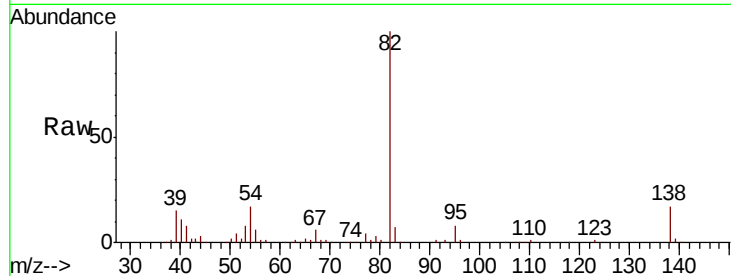




#25
Isophorone
Concen: 34.337 ng
RT: 9.75 min Scan# 1100
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

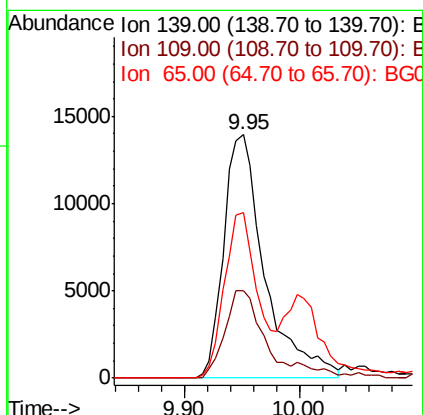
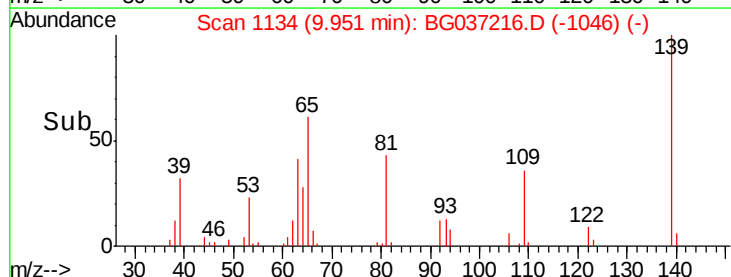
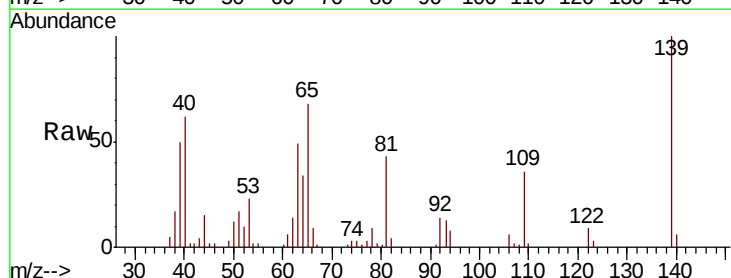
Instrument :
BNA_G
ClientSampleId :
PB113547BS

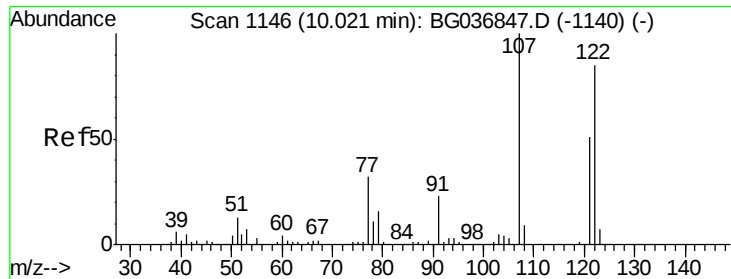
Tgt Ion: 82 Resp: 166502
Ion Ratio Lower Upper
82 100
95 8.0 5.8 8.8
138 17.2 12.9 19.3



#26
2-Nitrophenol
Concen: 30.497 ng
RT: 9.95 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

Tgt Ion: 139 Resp: 34450
Ion Ratio Lower Upper
139 100
109 35.7 27.4 41.0
65 67.8 47.8 71.6

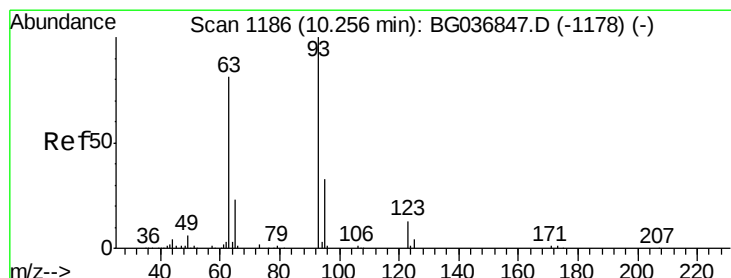
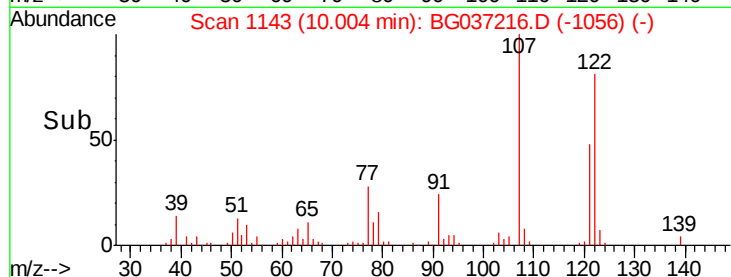
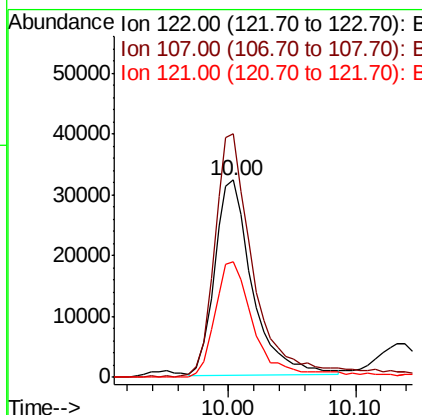
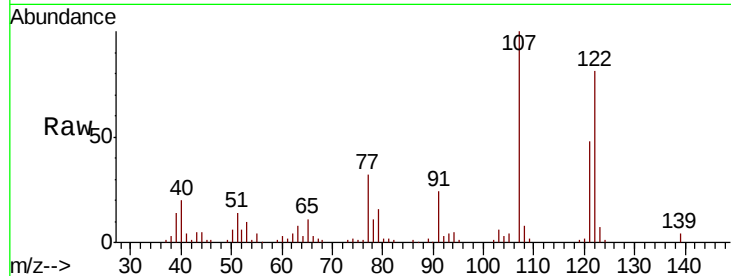




#27
2,4-Dimethylphenol
Concen: 37.461 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

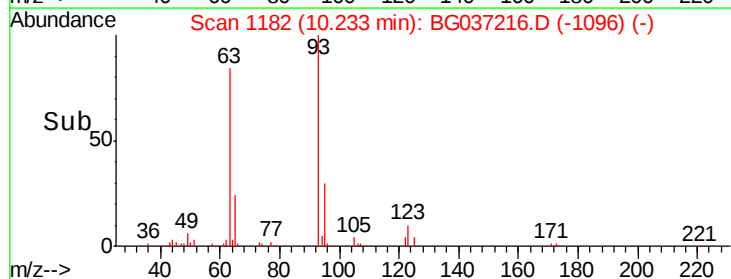
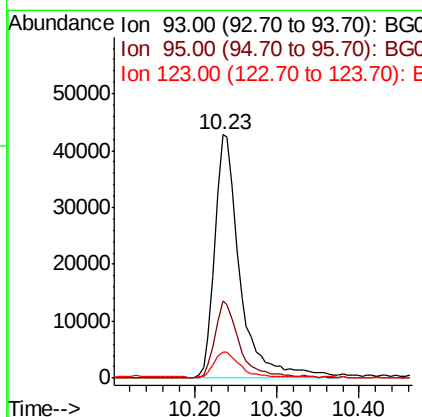
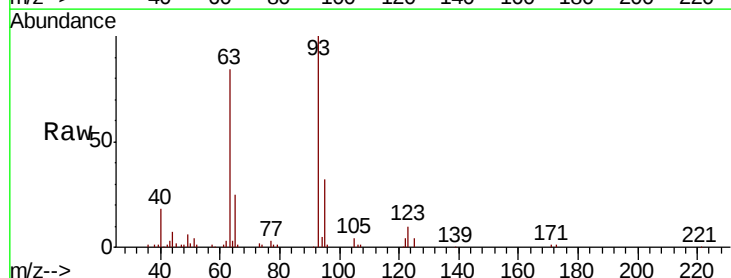
Instrument :
BNA_G
ClientSampleId :
PB113547BS

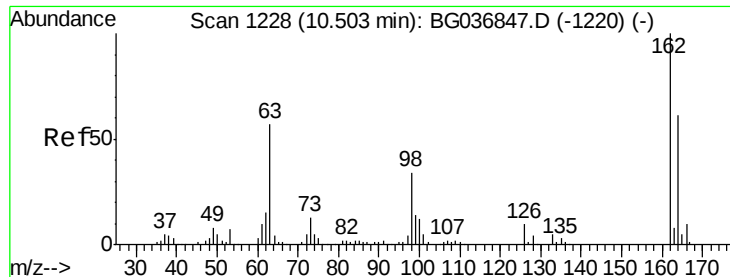
Tgt Ion:122 Resp: 65918
Ion Ratio Lower Upper
122 100
107 123.6 96.0 144.0
121 58.9 48.2 72.4



#28
bis(2-Chloroethoxy)methane
Concen: 31.038 ng
RT: 10.23 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

Tgt Ion: 93 Resp: 92869
Ion Ratio Lower Upper
93 100
95 31.6 25.2 37.8
123 10.5 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 35.178 ng

RT: 10.49 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

Instrument :

BNA_G

ClientSampleId :

PB113547BS

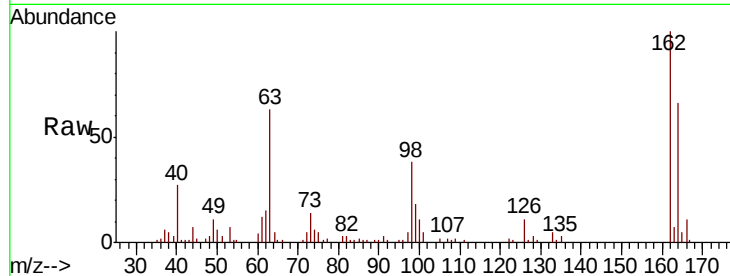
Tgt Ion:162 Resp: 71757

Ion Ratio Lower Upper

162 100

164 66.3 47.6 87.6

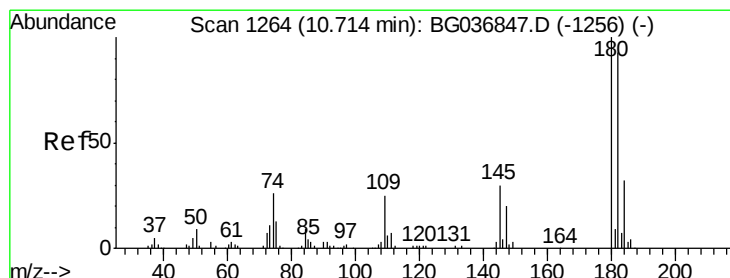
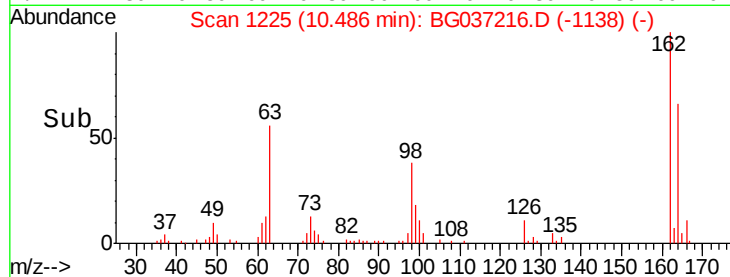
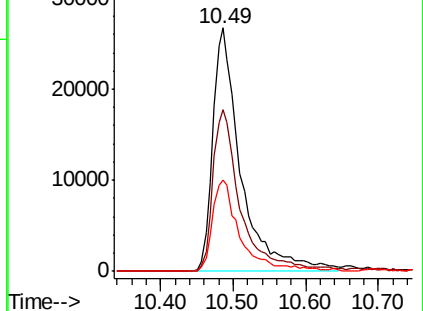
98 37.5 19.2 59.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 28.349 ng

RT: 10.70 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

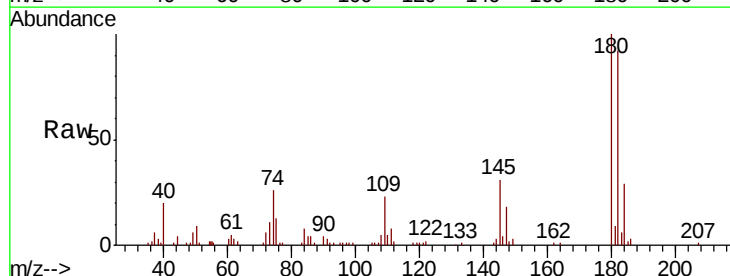
Tgt Ion:180 Resp: 72367

Ion Ratio Lower Upper

180 100

182 92.3 76.0 114.0

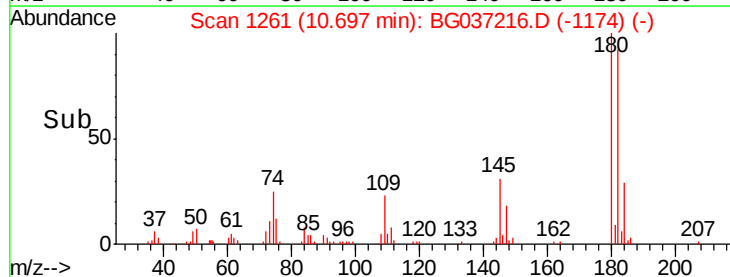
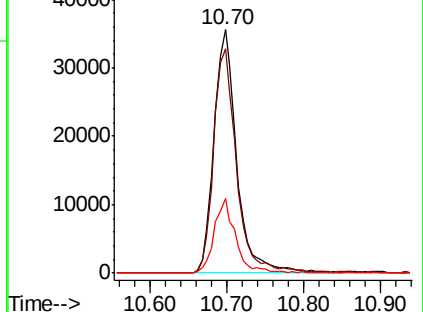
145 30.5 22.9 34.3

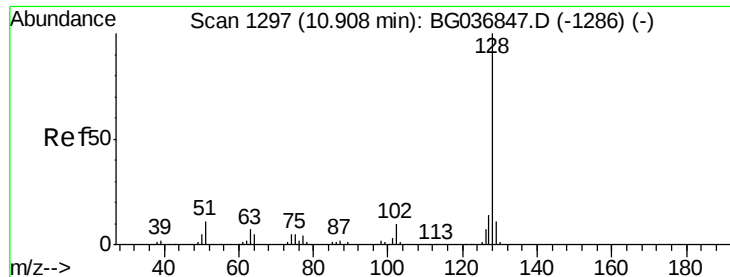


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

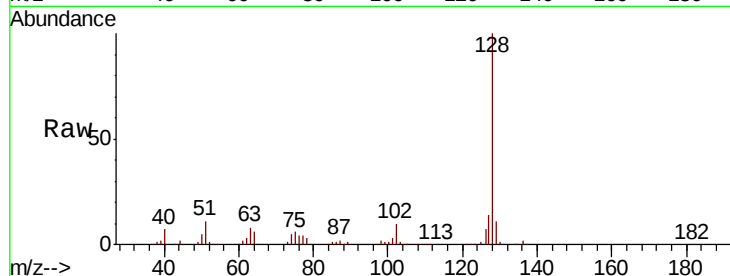




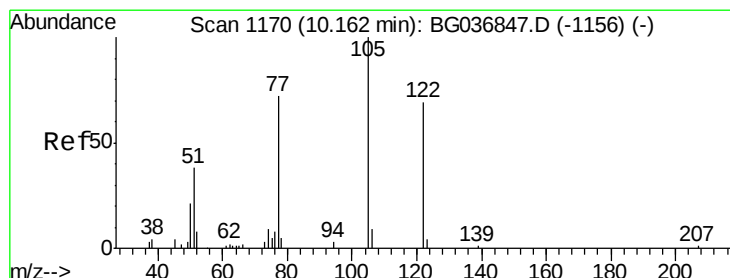
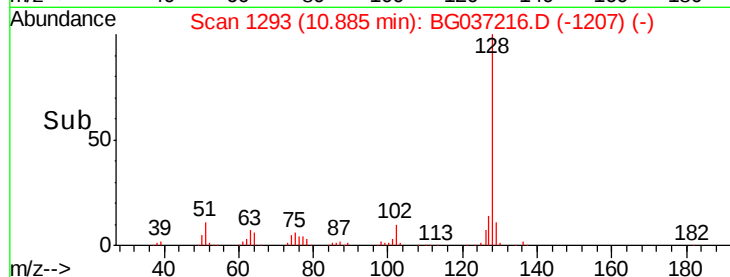
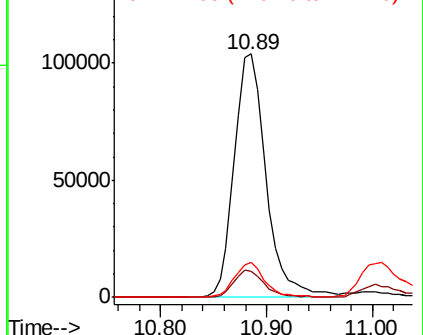
#31
Naphthalene
Concen: 32.222 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

Instrument :
BNA_G
ClientSampleId :
PB113547BS

Tgt Ion:128 Resp: 217884
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 14.2 11.0 16.4

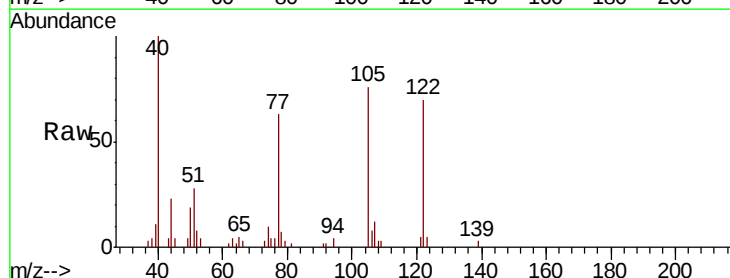


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

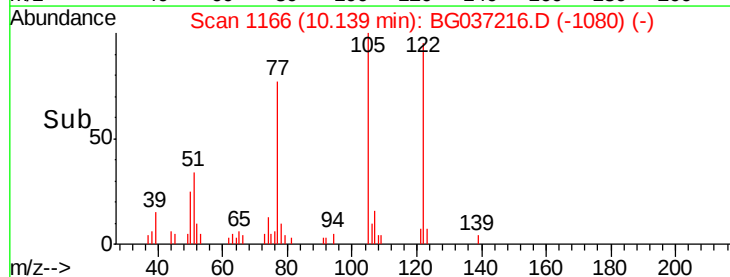
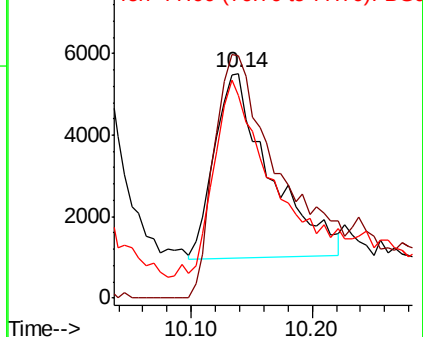


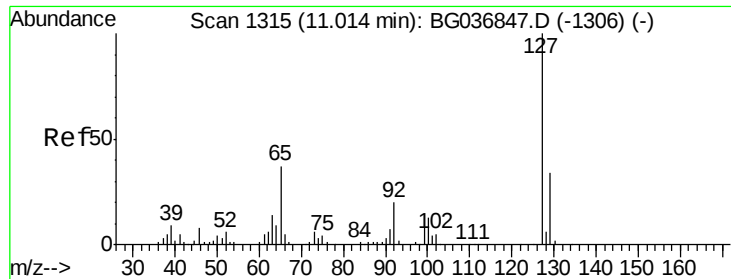
#32
Benzoic acid
Concen: 15.337 ng
RT: 10.14 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

Tgt Ion:122 Resp: 14602
Ion Ratio Lower Upper
122 100
105 107.9 108.1 148.1#
77 90.1 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

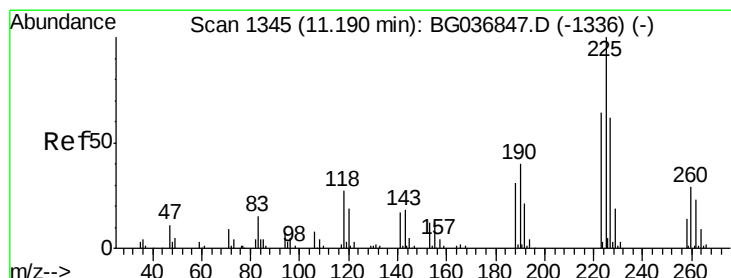
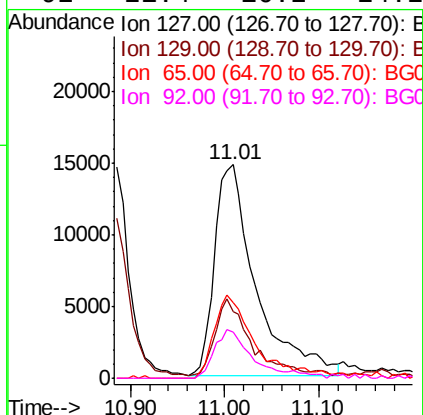
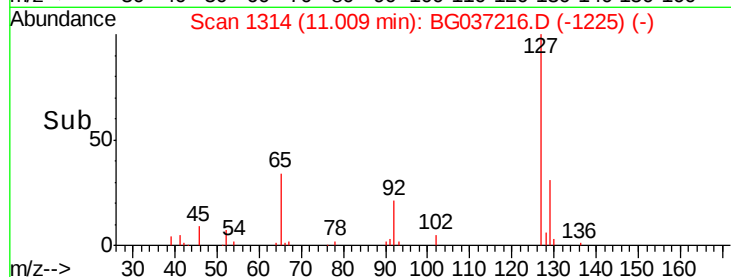
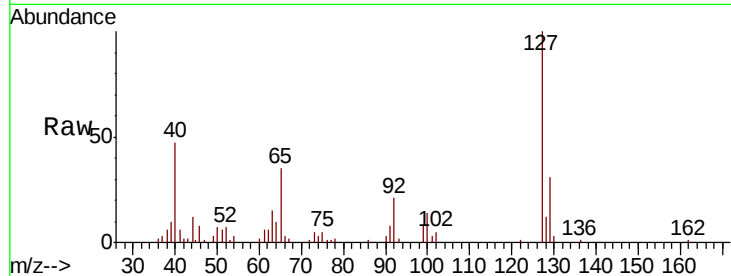




#33
4-Chloroaniline
Concen: 14.758 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

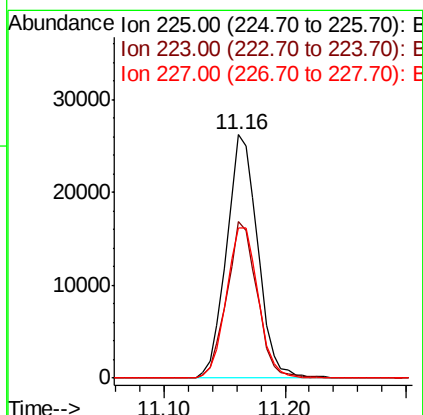
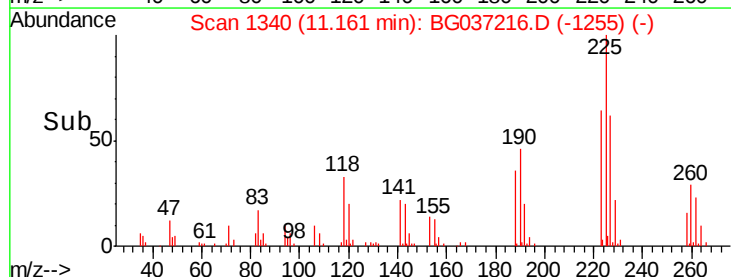
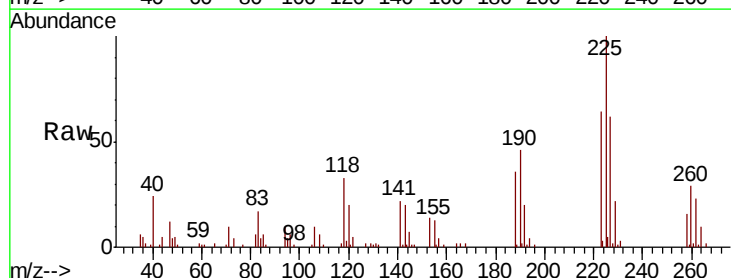
Instrument :
BNA_G
ClientSampleId :
PB113547BS

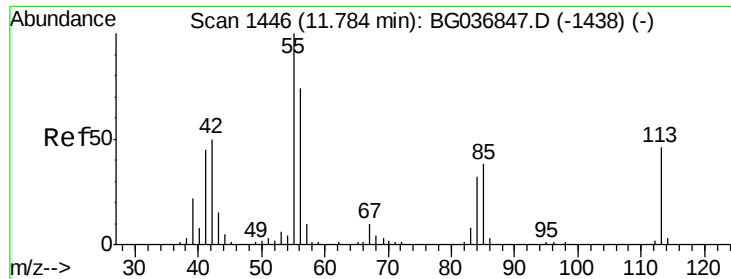
Tgt Ion:	127	Resp:	45373
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.9	38.9
65	35.4	27.5	41.3
92	21.4	16.2	24.2



#34
Hexachlorobutadiene
Concen: 26.647 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

Tgt Ion:	225	Resp:	47041
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.8	77.8
227	61.6	49.8	74.6





#35

Caprolactam

Concen: 23.510 ng

RT: 11.76 min Scan# 1442

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

Instrument :

BNA_G

ClientSampleId :

PB113547BS

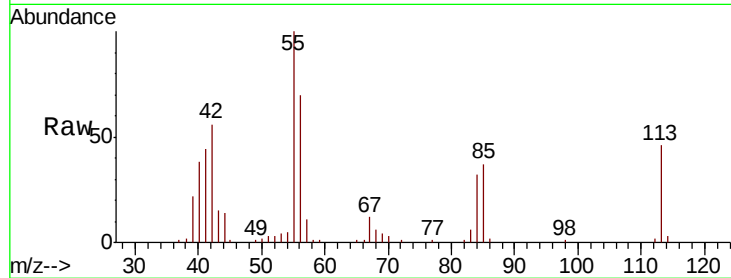
Tgt Ion:113 Resp: 19738

Ion Ratio Lower Upper

113 100

55 217.6 197.7 237.7

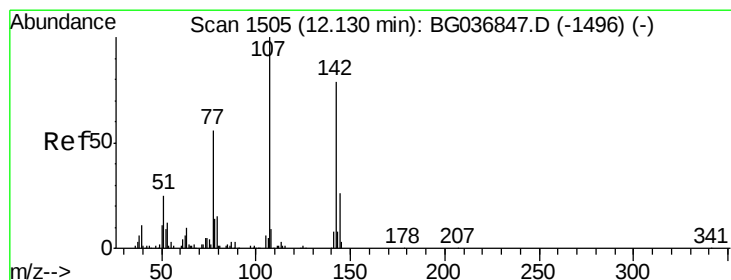
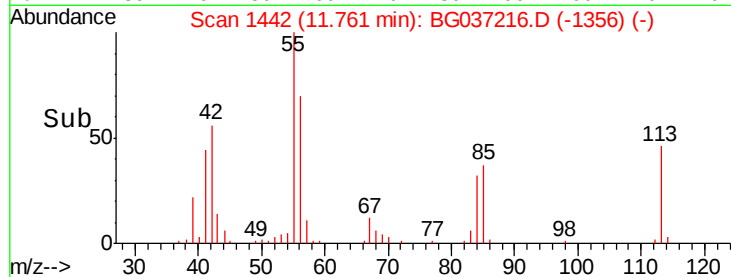
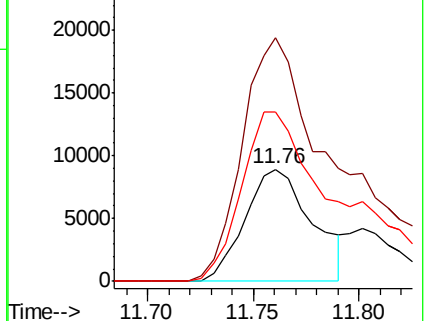
56 151.5 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037216.D (-1356) (-)

Ion 56.00 (55.70 to 56.70): BG037216.D (-1356) (-)



#36

4-Chloro-3-methylphenol

Concen: 36.571 ng

RT: 12.11 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

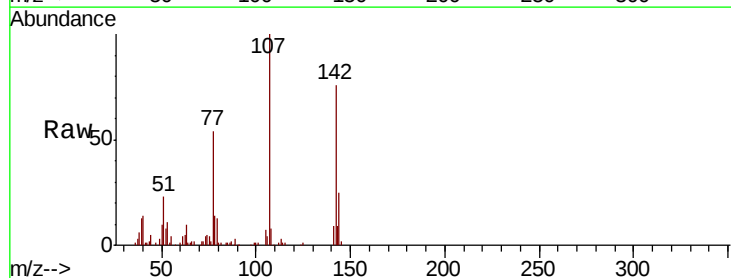
Tgt Ion:107 Resp: 89011

Ion Ratio Lower Upper

107 100

144 24.8 19.5 29.3

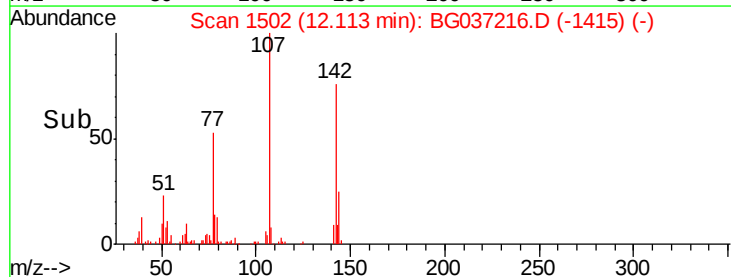
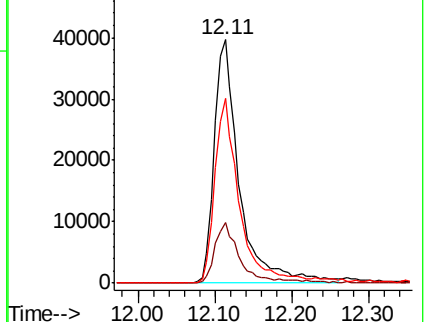
142 75.7 62.4 93.6

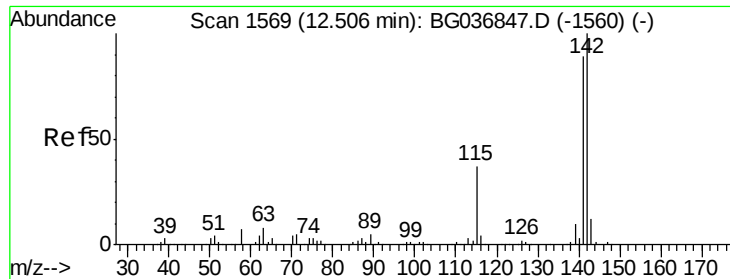


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

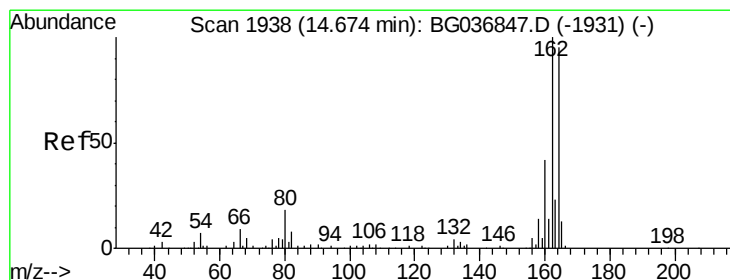
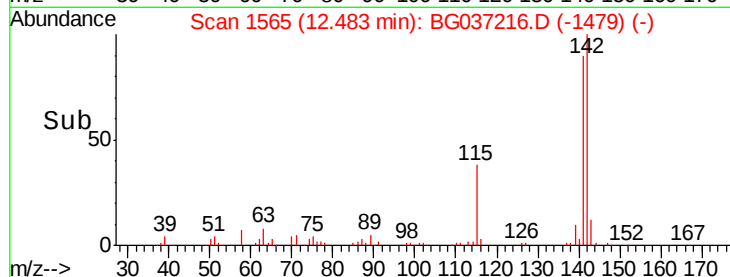
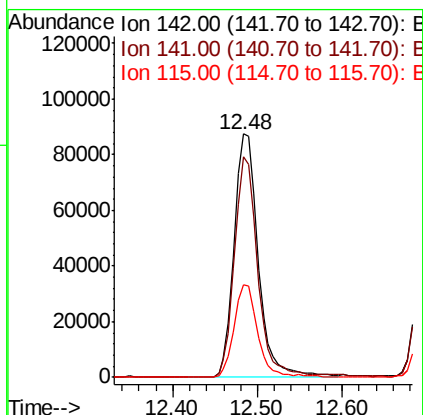
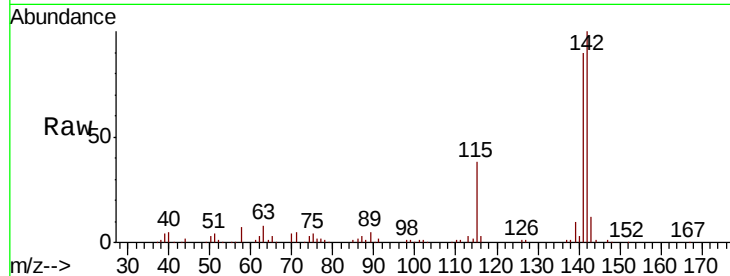




#37
 2-Methylnaphthalene
 Concen: 33.526 ng
 RT: 12.48 min Scan# 1565
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

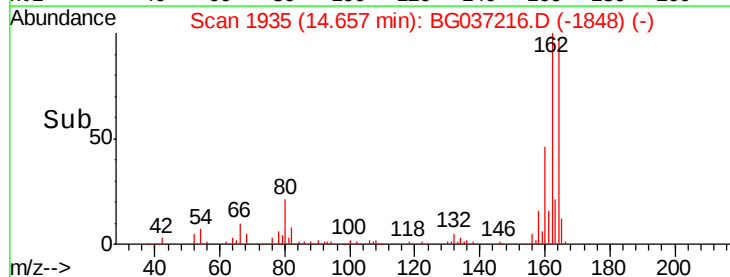
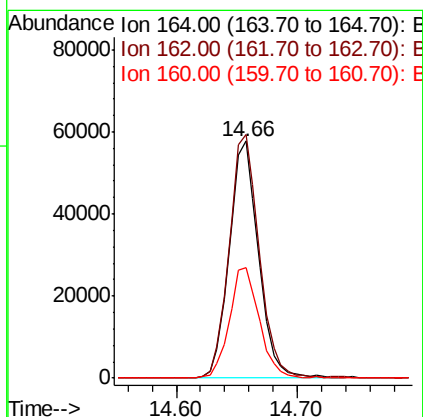
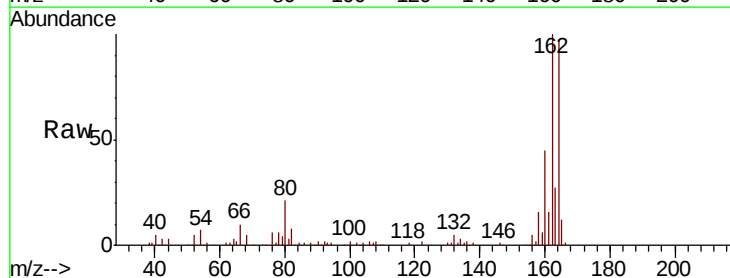
Instrument :
 BNA_G
 ClientSampleId :
 PB113547BS

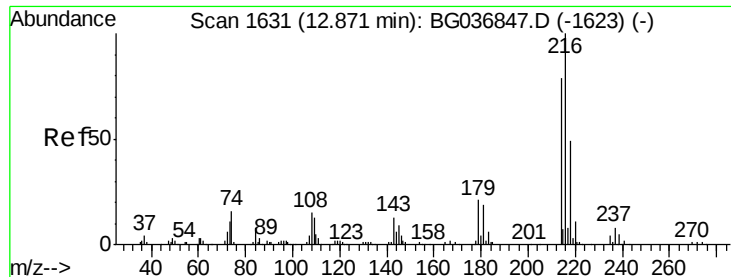
Tgt Ion:142 Resp: 172660
 Ion Ratio Lower Upper
 142 100
 141 90.5 68.5 102.7
 115 38.0 29.8 44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Tgt Ion:164 Resp: 97421
 Ion Ratio Lower Upper
 164 100
 162 102.8 80.7 121.1
 160 46.7 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.573 ng

RT: 12.85 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

Instrument :

BNA_G

ClientSampleId :

PB113547BS

Tgt Ion:216 Resp: 93689

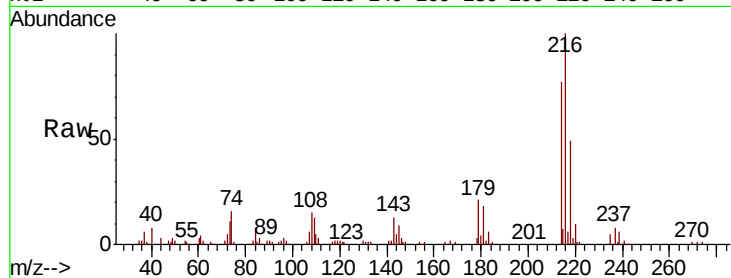
Ion Ratio Lower Upper

216 100

214 78.1 61.0 91.6

179 20.2 15.7 23.5

108 18.8 13.1 19.7

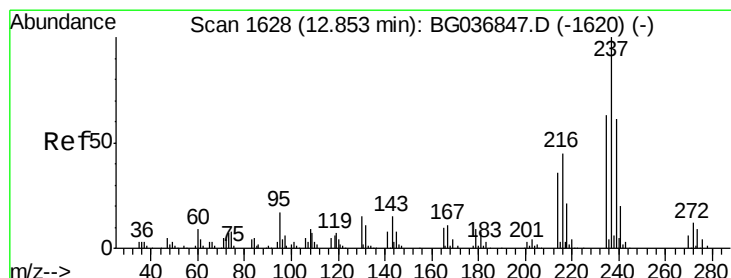
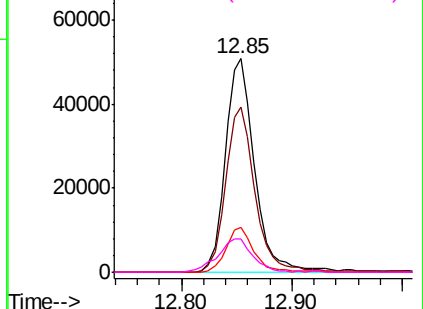
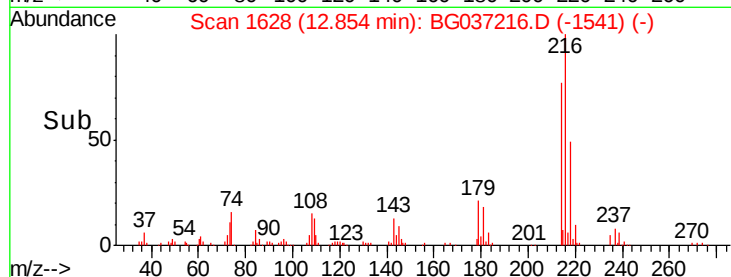


Abundance Ion 216.00 (215.70 to 216.70): E

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: 54.082 ng

RT: 12.83 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

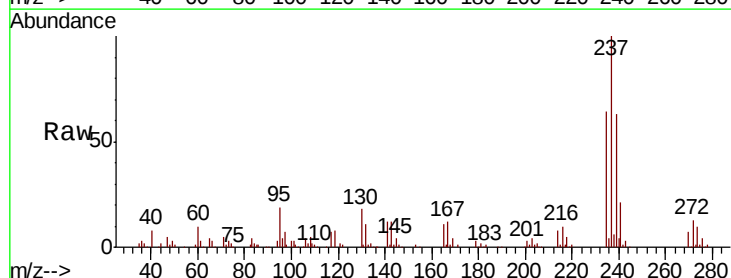
Tgt Ion:237 Resp: 94510

Ion Ratio Lower Upper

237 100

235 64.1 42.2 82.2

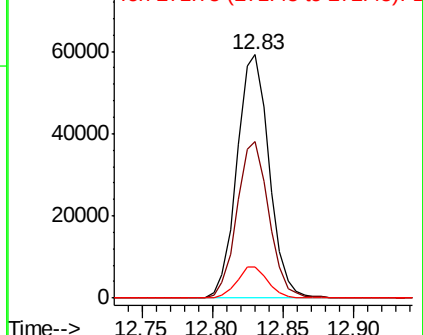
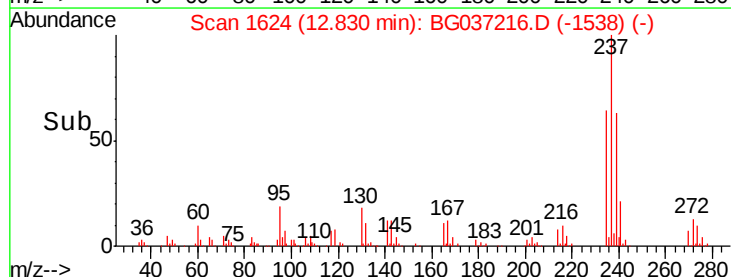
272 12.8 0.0 32.1

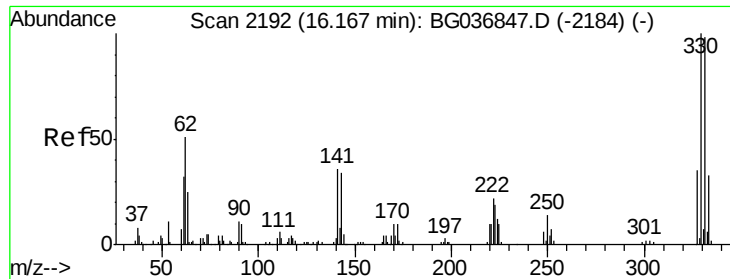


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

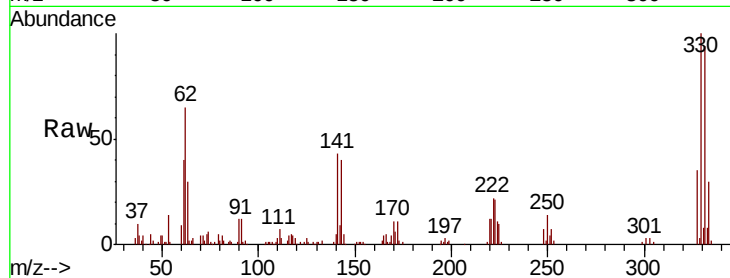




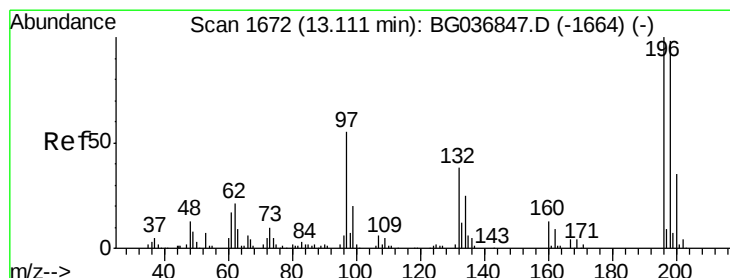
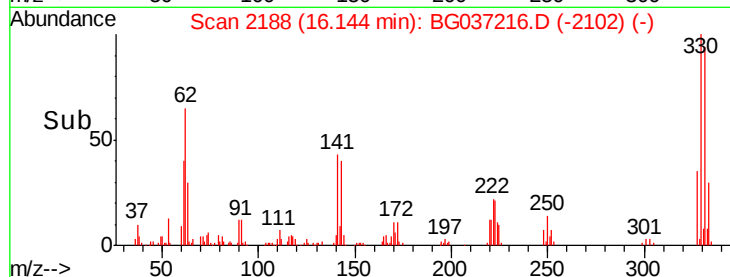
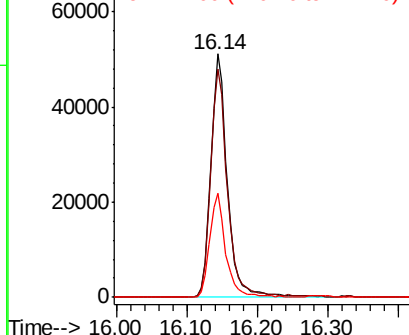
#41
 2,4,6-Tribromophenol
 Concen: 71.804 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Instrument :
 BNA_G
 ClientSampleId :
 PB113547BS

Tgt Ion:330 Resp: 83693
 Ion Ratio Lower Upper
 330 100
 332 94.4 75.4 113.2
 141 41.3 30.7 46.1

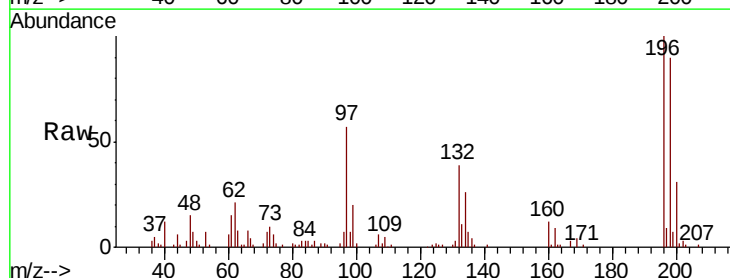


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

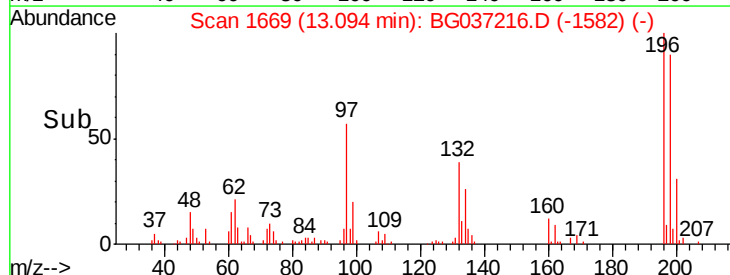
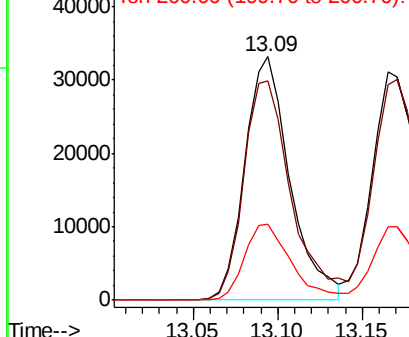


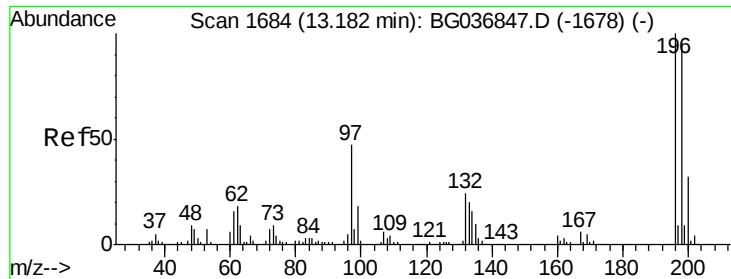
#42
 2,4,6-Trichlorophenol
 Concen: 32.637 ng
 RT: 13.09 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Tgt Ion:196 Resp: 61581
 Ion Ratio Lower Upper
 196 100
 198 90.3 77.2 115.8
 200 31.1 26.3 39.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

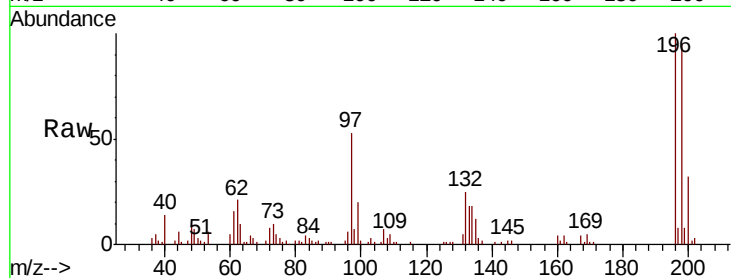




#43
 2,4,5-Trichlorophenol
 Concen: 35.820 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Instrument :
 BNA_G
 ClientSampleId :
 PB113547BS

Tgt Ion:	196	Resp:	72068
Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.6	113.4
97	52.6	37.2	55.8
132	24.8	19.4	29.2



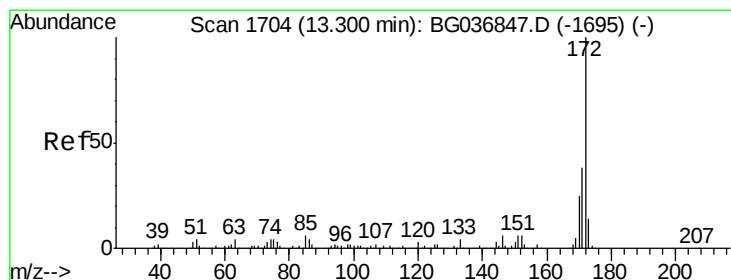
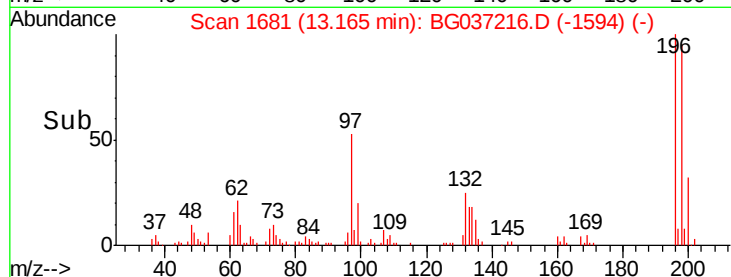
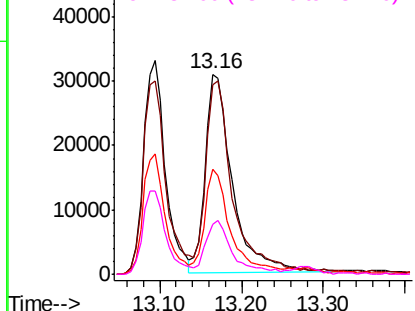
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

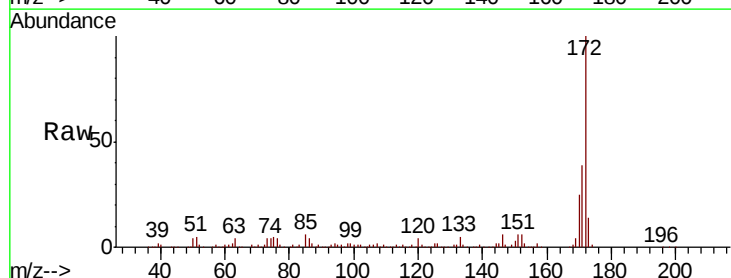
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.099 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Tgt Ion:	172	Resp:	412729
Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.3	46.9
170	24.8	21.0	31.6

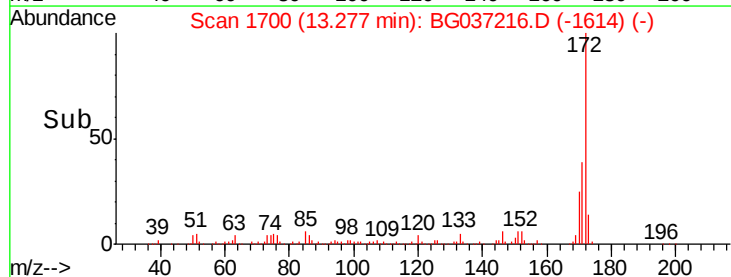
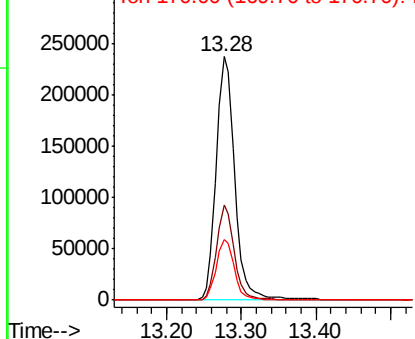


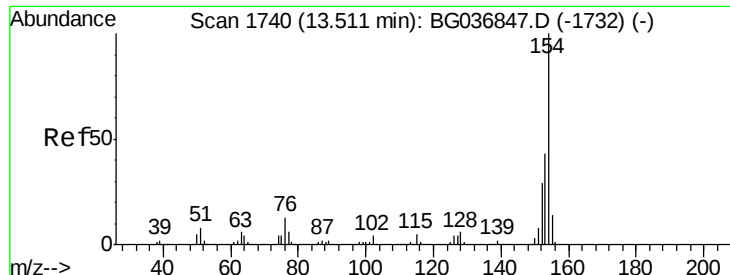
Abundance

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

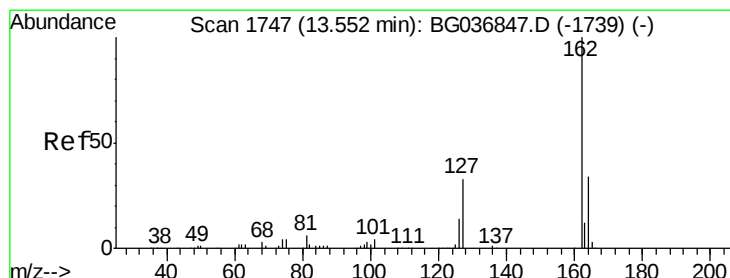
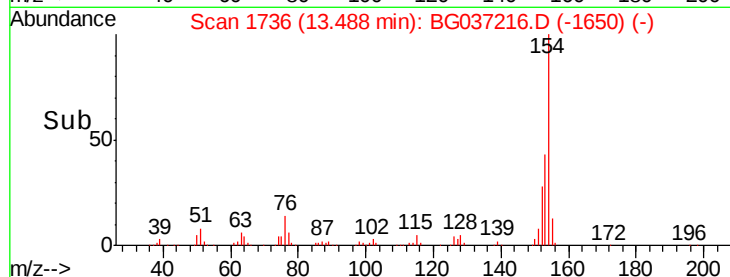
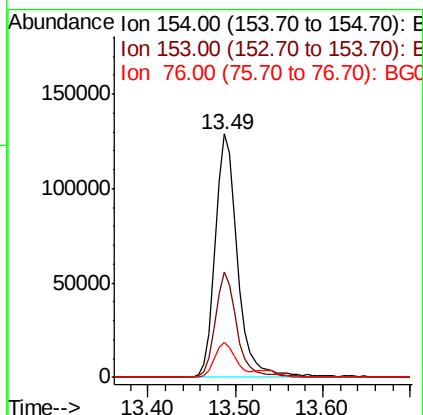
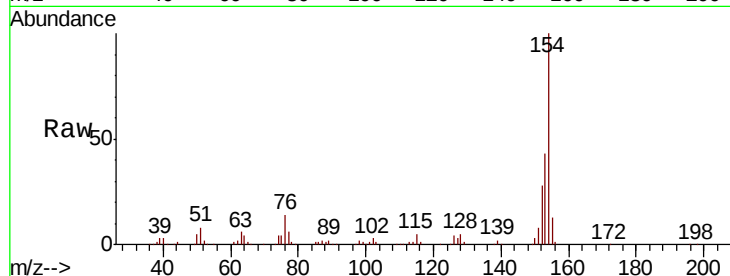




#45
 1,1'-Biphenyl
 Concen: 30.785 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

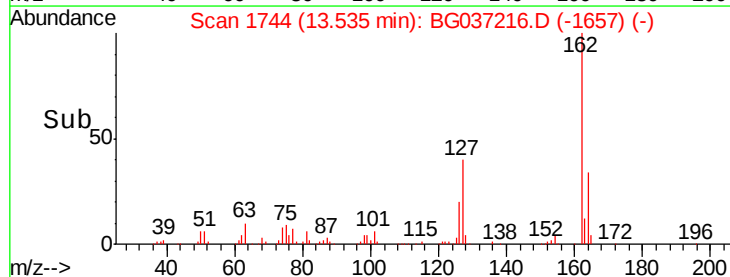
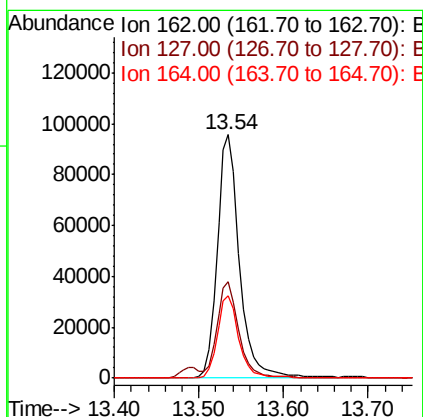
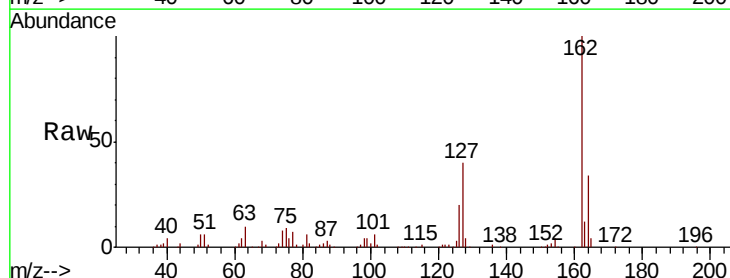
Instrument :
 BNA_G
 ClientSampleId :
 PB113547BS

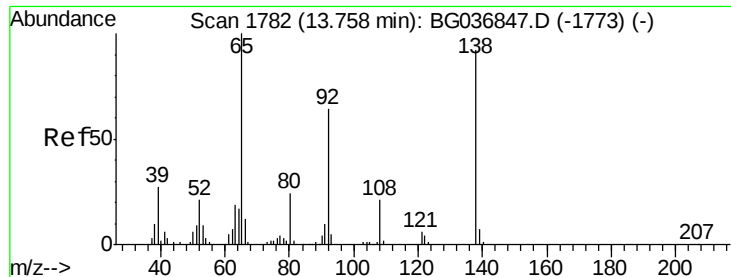
Tgt Ion:154 Resp: 229687
 Ion Ratio Lower Upper
 154 100
 153 43.4 24.0 64.0
 76 14.4 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 30.006 ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Tgt Ion:162 Resp: 176059
 Ion Ratio Lower Upper
 162 100
 127 39.5 30.7 46.1
 164 34.0 26.7 40.1





#47

2-Nitroaniline

Concen: 34.197 ng

RT: 13.74 min Scan# 1779

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

Instrument :

BNA_G

ClientSampleId :

PB113547BS

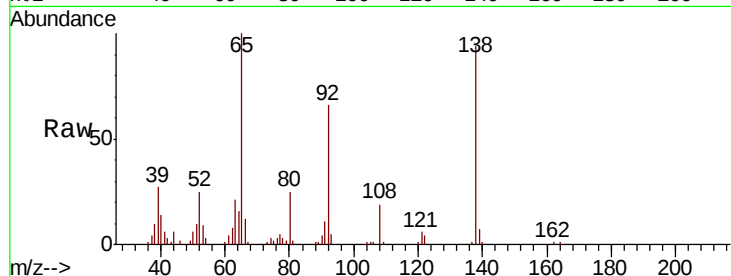
Tgt Ion: 65 Resp: 69401

Ion Ratio Lower Upper

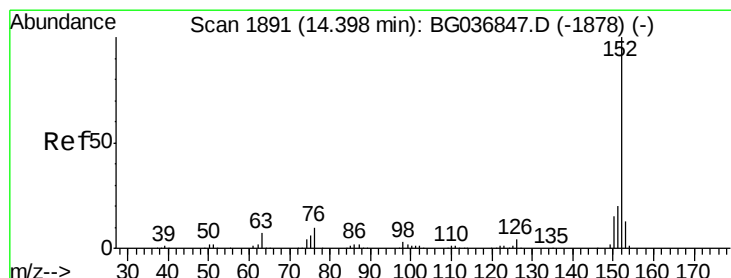
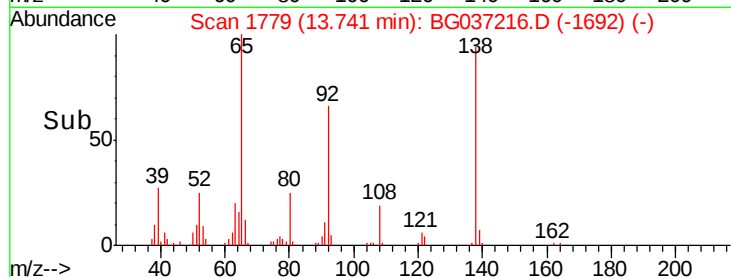
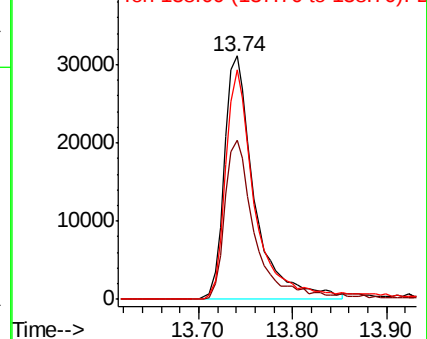
65 100

92 65.6 49.9 74.9

138 94.0 76.2 114.4



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



#48

Acenaphthylene

Concen: 34.151 ng

RT: 14.38 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

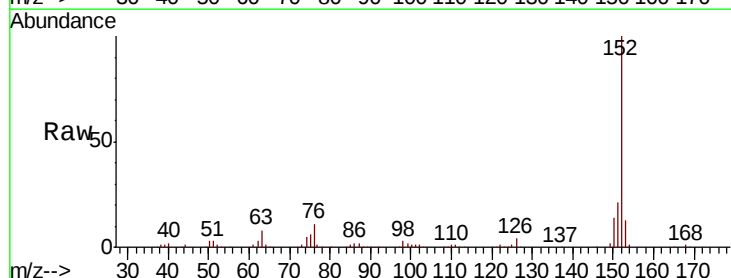
Tgt Ion: 152 Resp: 314000

Ion Ratio Lower Upper

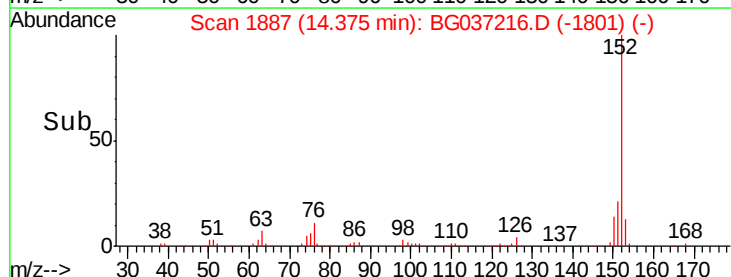
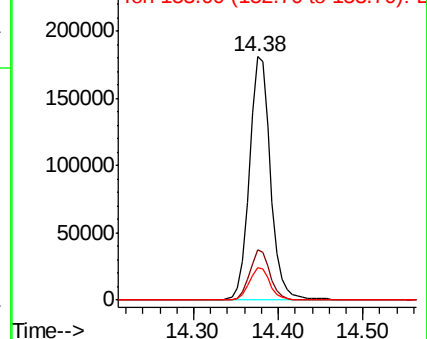
152 100

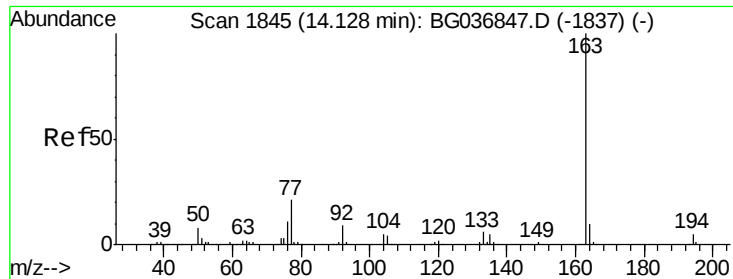
151 20.8 16.9 25.3

153 13.2 11.2 16.8



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





#49

Dimethylphthalate

Concen: 32.270 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

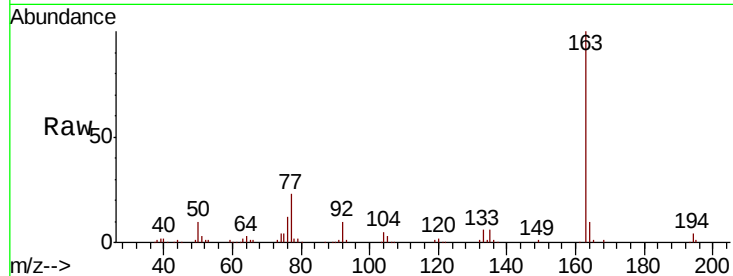
Instrument :

BNA_G

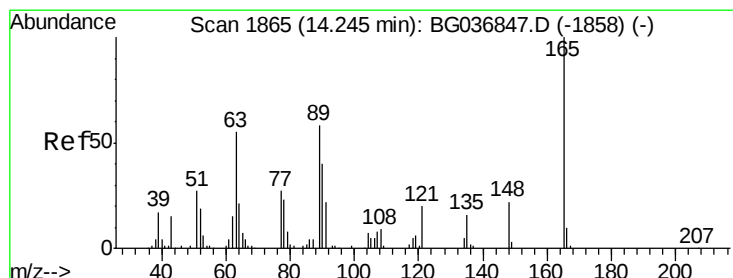
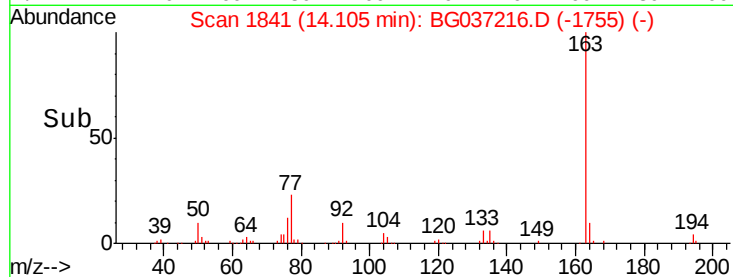
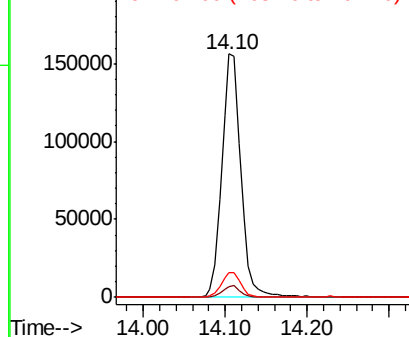
ClientSampleId :

PB113547BS

Tgt Ion:	163	Resp:	253050
Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.0	6.0
164	10.1	8.1	12.1



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



#50

2,6-Dinitrotoluene

Concen: 33.072 ng

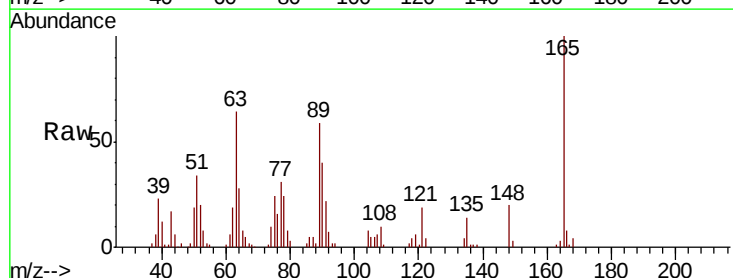
RT: 14.23 min Scan# 1862

Delta R.T. -0.02 min

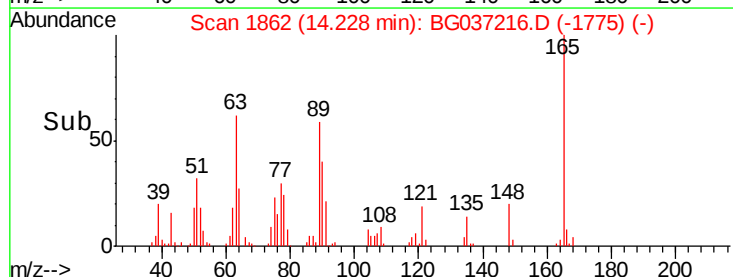
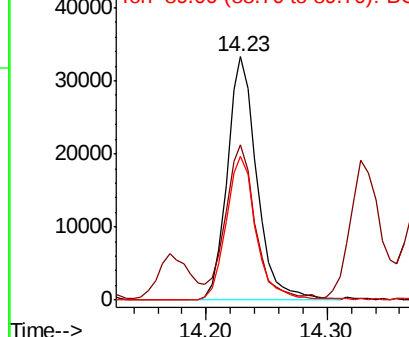
Lab File: BG037216.D

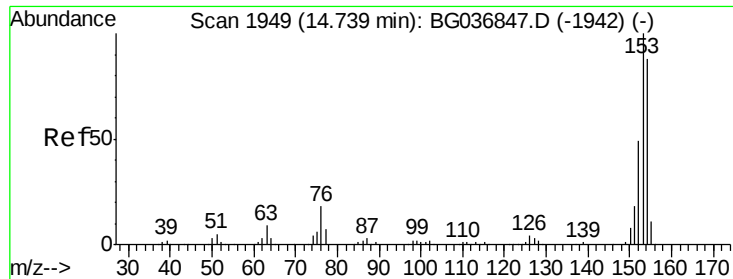
Acq: 6 Oct 2018 17:13

Tgt Ion:	165	Resp:	56584
Ion	Ratio	Lower	Upper
165	100		
63	63.5	50.1	75.1
89	59.0	47.8	71.6



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





#51

Acenaphthene

Concen: 31.525 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

Instrument :

BNA_G

ClientSampleId :

PB113547BS

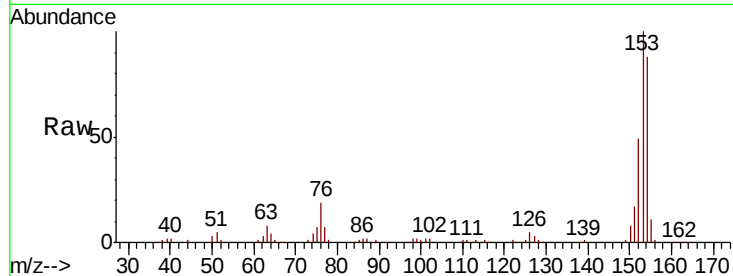
Tgt Ion:154 Resp: 175179

Ion Ratio Lower Upper

154 100

153 113.1 91.8 137.6

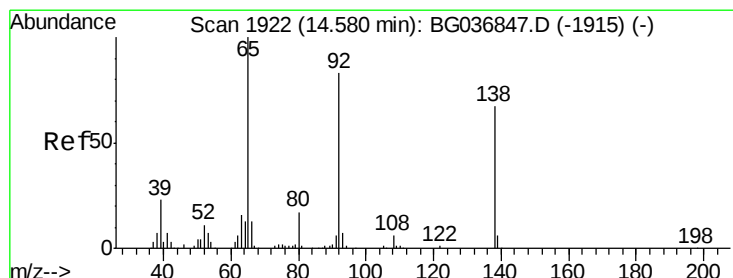
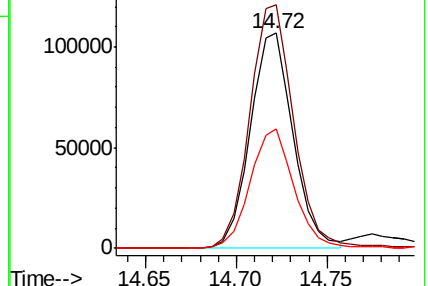
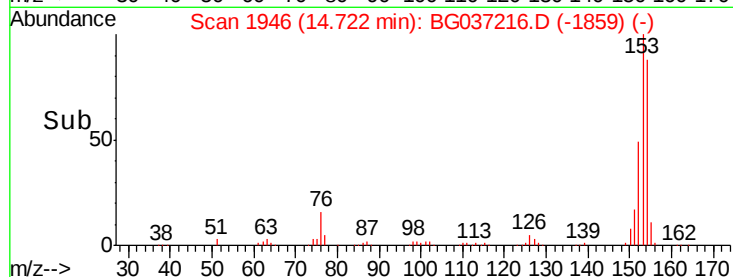
152 55.6 43.5 65.3



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: 21.292 ng

RT: 14.57 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

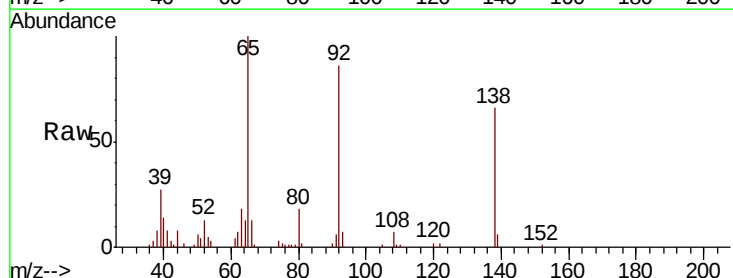
Tgt Ion:138 Resp: 38387

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.2

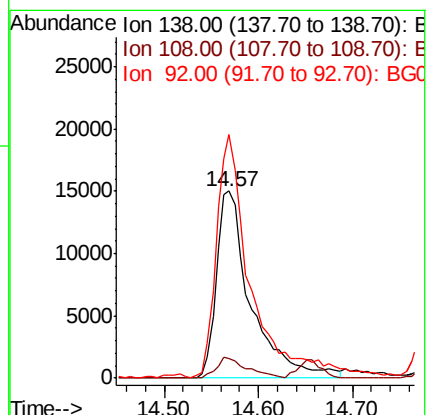
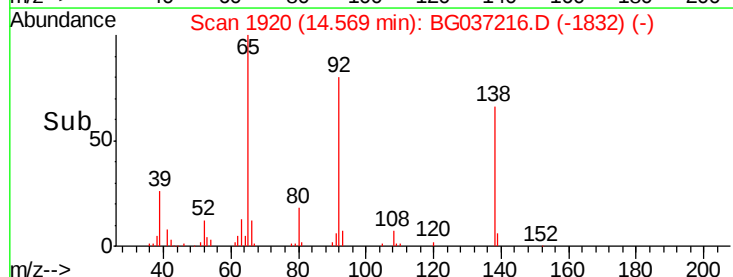
92 130.2 96.8 145.2

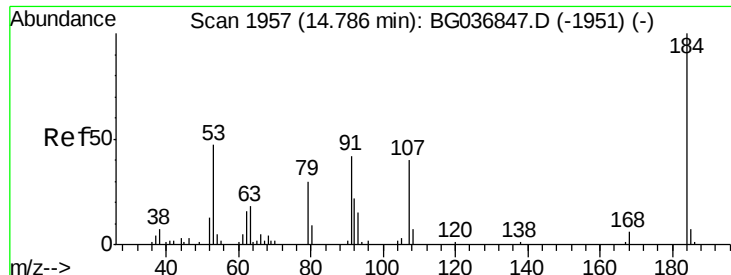


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

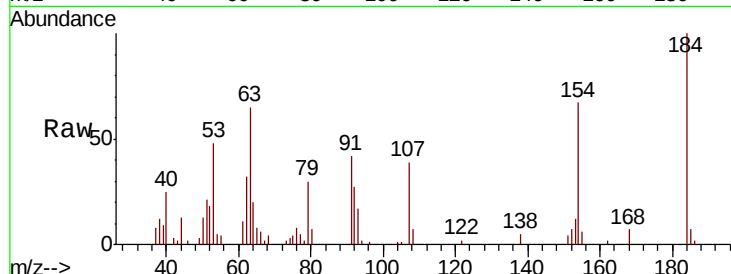




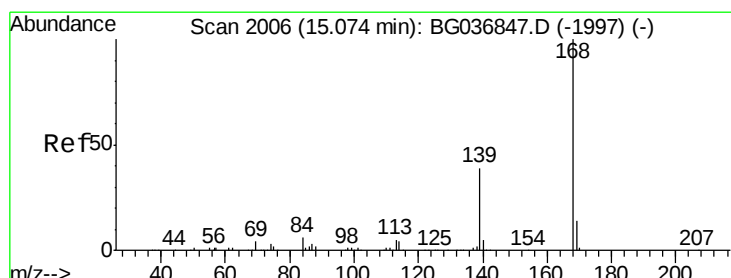
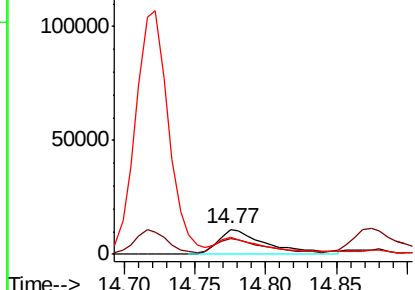
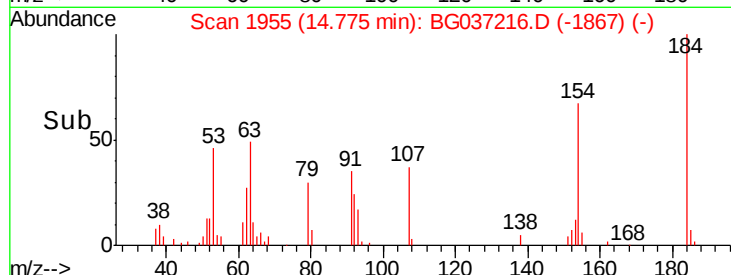
#53
 2,4-Dinitrophenol
 Concen: 37.193 ng
 RT: 14.77 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Instrument :
 BNA_G
 ClientSampleId :
 PB113547BS

Tgt Ion:184 Resp: 26193
 Ion Ratio Lower Upper
 184 100
 63 65.4 47.3 70.9
 154 66.8 51.1 76.7

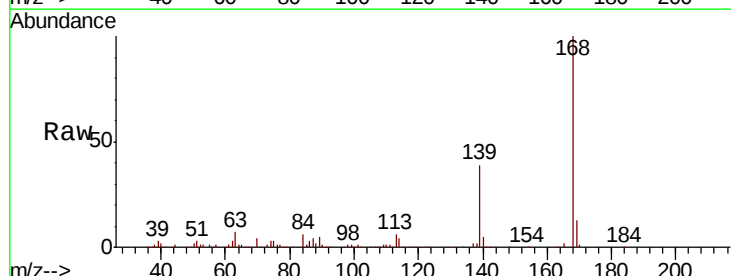


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

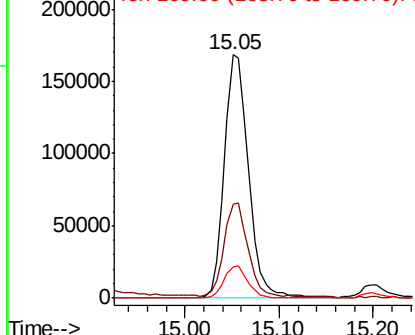
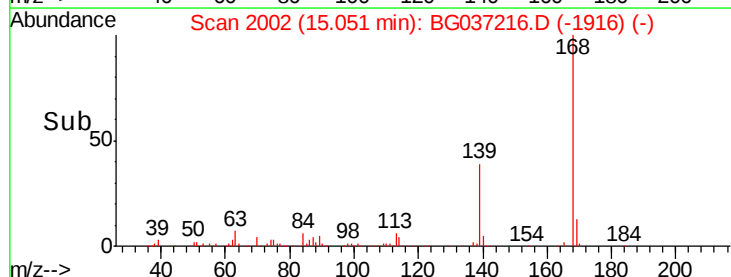


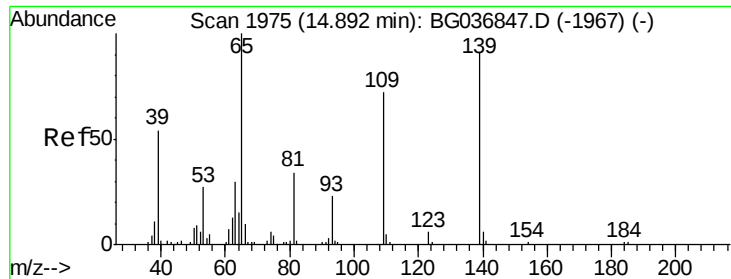
#54
 Dibenzofuran
 Concen: 32.233 ng
 RT: 15.05 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Tgt Ion:168 Resp: 302969
 Ion Ratio Lower Upper
 168 100
 139 38.7 31.0 46.6
 169 12.6 11.1 16.7



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

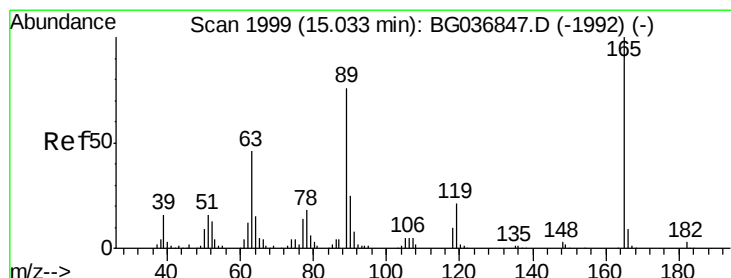
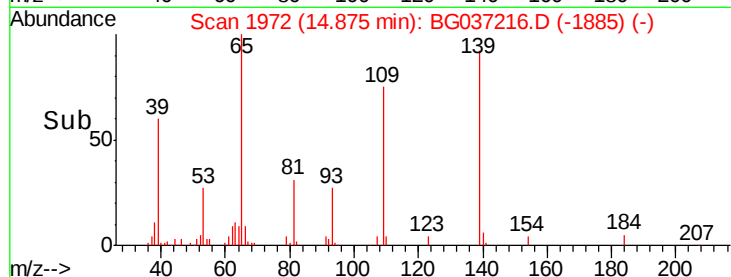
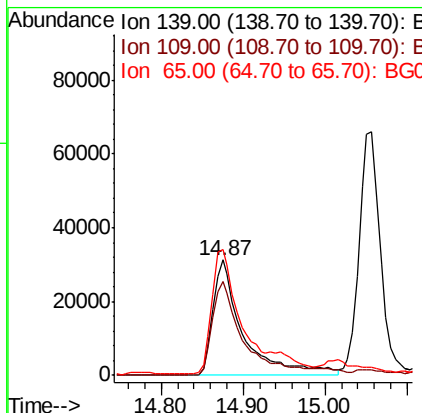
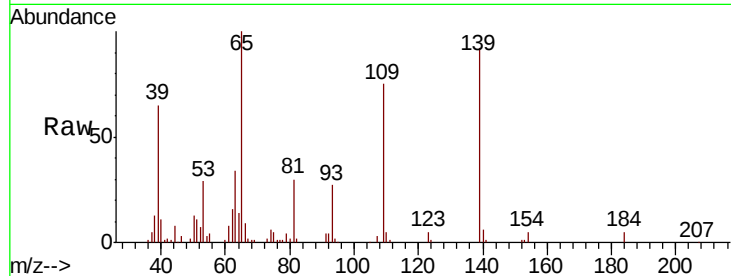




#55
4-Nitrophenol
Concen: 70.302 ng
RT: 14.87 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

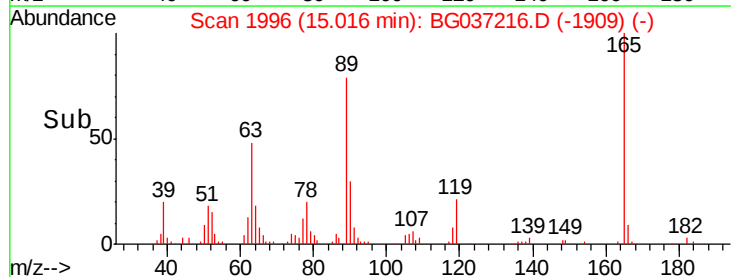
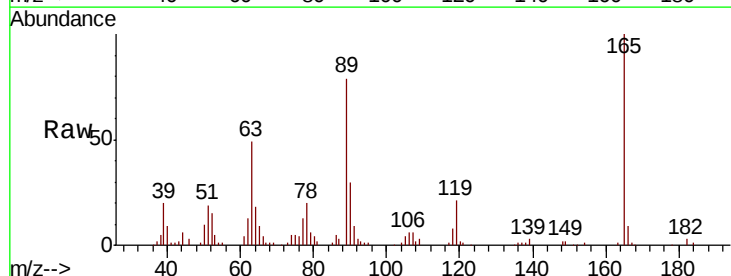
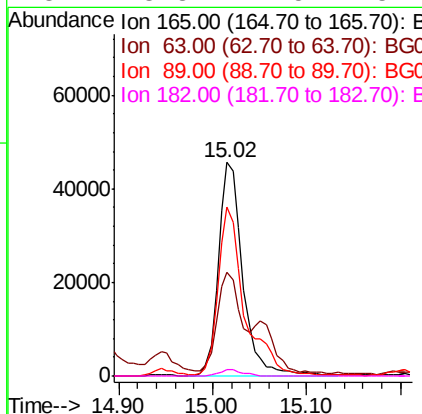
Instrument :
BNA_G
ClientSampleId :
PB113547BS

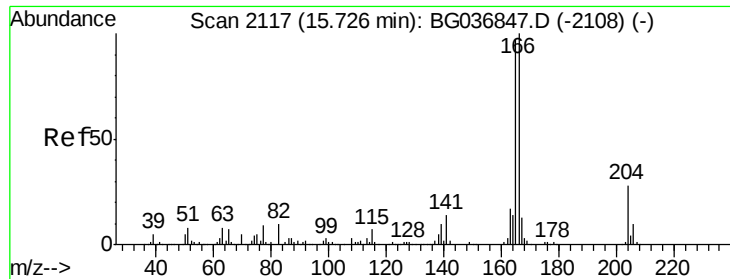
Tgt Ion:139 Resp: 80971
Ion Ratio Lower Upper
139 100
109 81.6 63.9 103.9
65 109.2 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 34.536 ng
RT: 15.02 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

Tgt Ion:165 Resp: 82452
Ion Ratio Lower Upper
165 100
63 48.7 40.1 60.1
89 79.3 63.7 95.5
182 3.3 2.5 3.7

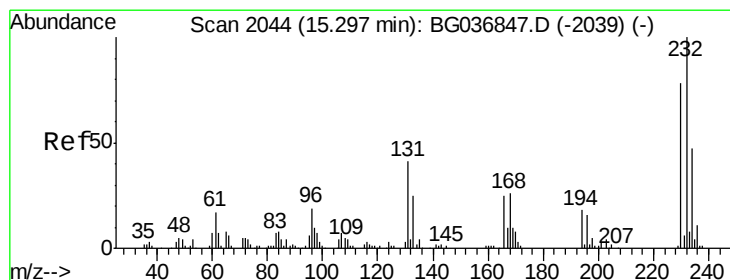
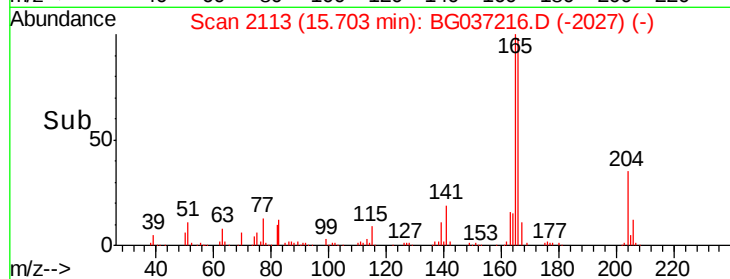
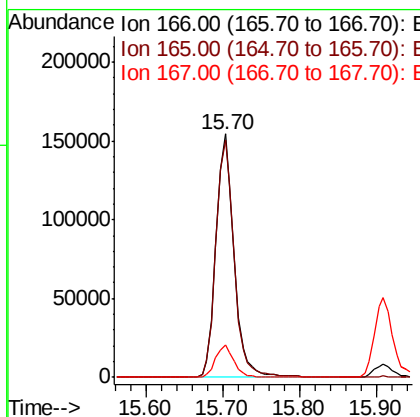
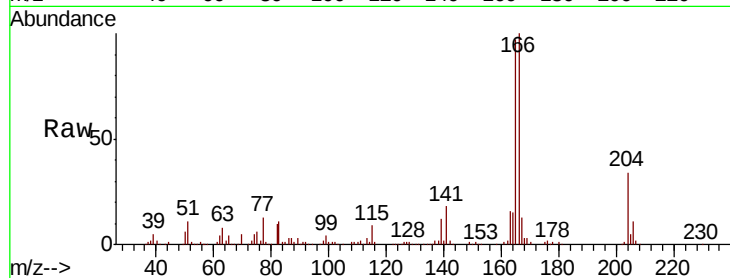




#57
 Fluorene
 Concen: 35.391 ng
 RT: 15.70 min Scan# 2113
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

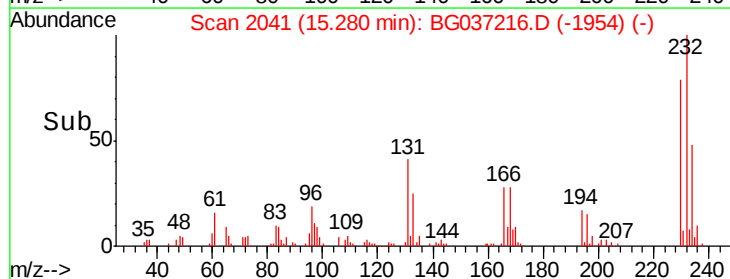
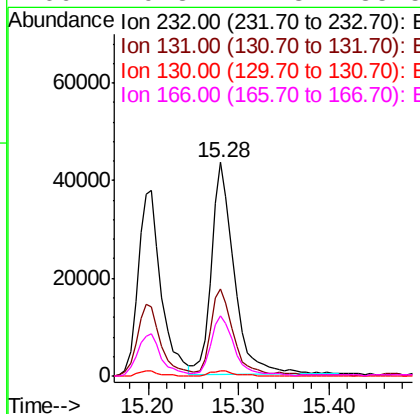
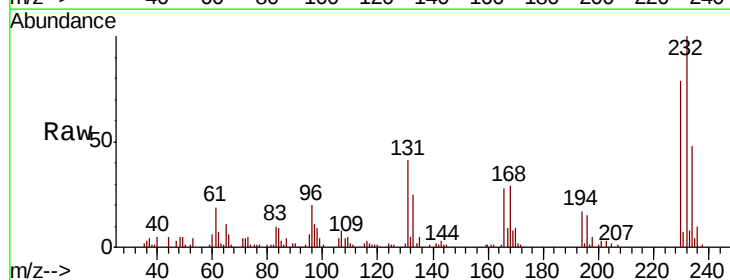
Instrument :
 BNA_G
 ClientSampleId :
 PB113547BS

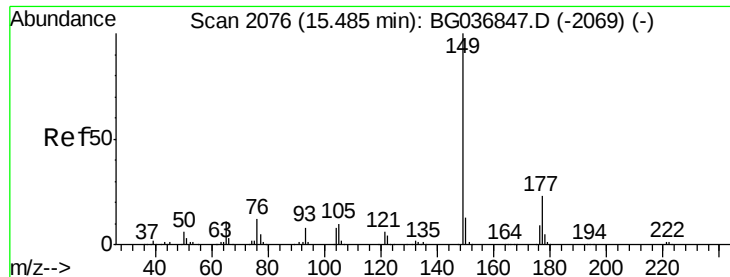
Tgt Ion:166 Resp: 248633
 Ion Ratio Lower Upper
 166 100
 165 97.3 77.0 115.4
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.451 ng
 RT: 15.28 min Scan# 2041
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Tgt Ion:232 Resp: 76438
 Ion Ratio Lower Upper
 232 100
 131 40.3 33.8 50.8
 130 2.5 2.1 3.1
 166 29.3 22.3 33.5





#59

Diethylphthalate

Concen: 33.388 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

Instrument :

BNA_G

ClientSampleId :

PB113547BS

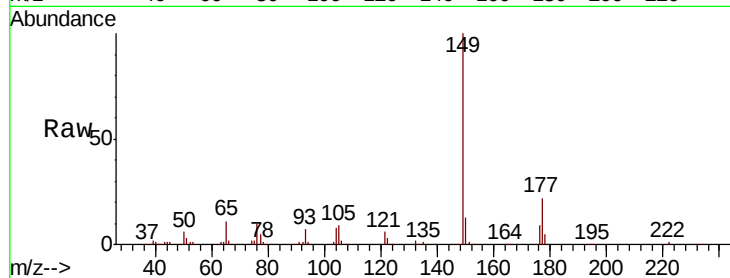
Tgt Ion:149 Resp: 264074

Ion Ratio Lower Upper

149 100

177 22.3 19.1 28.7

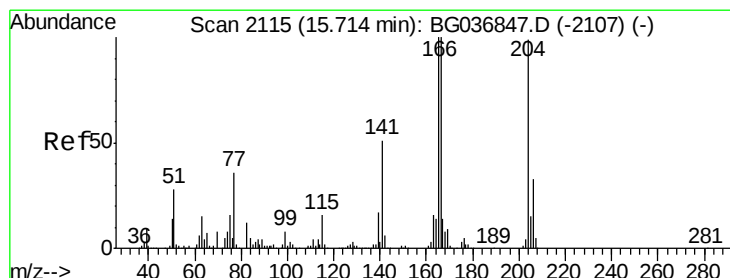
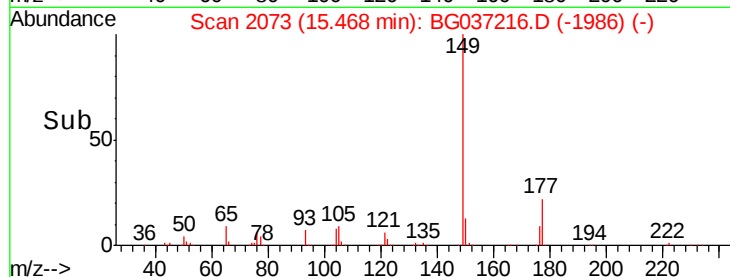
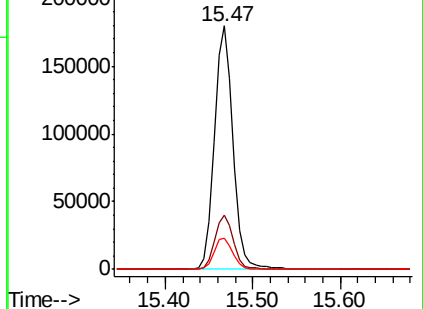
150 12.6 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 28.970 ng

RT: 15.69 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

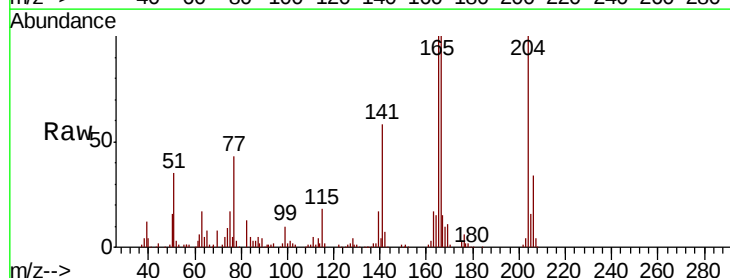
Tgt Ion:204 Resp: 128893

Ion Ratio Lower Upper

204 100

206 34.5 27.0 40.4

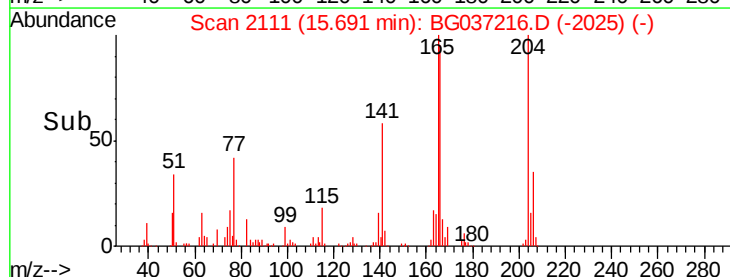
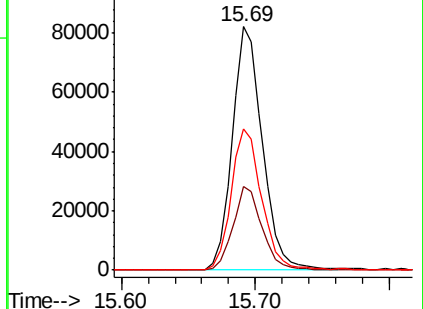
141 57.9 43.8 65.6

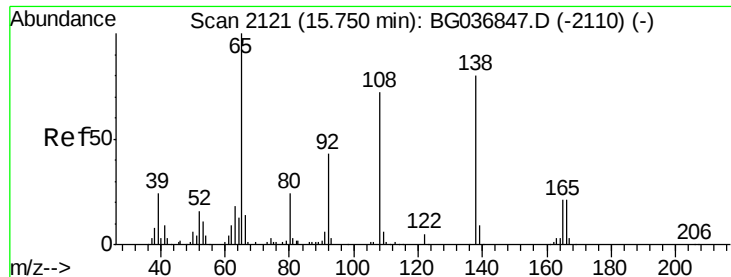


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

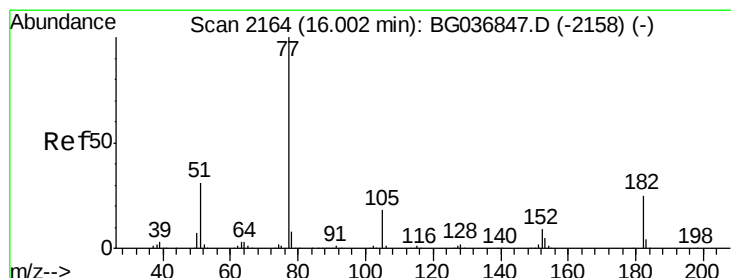
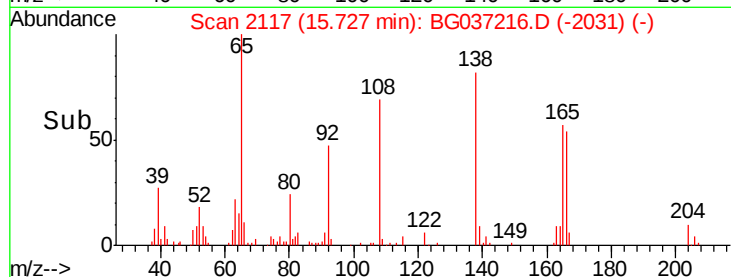
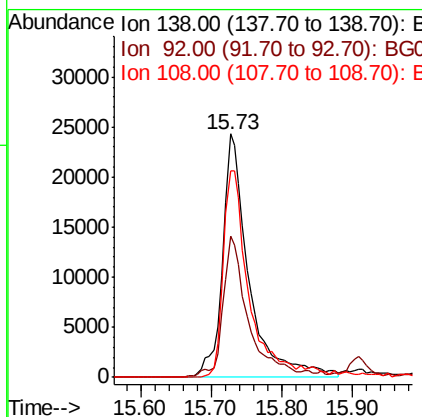
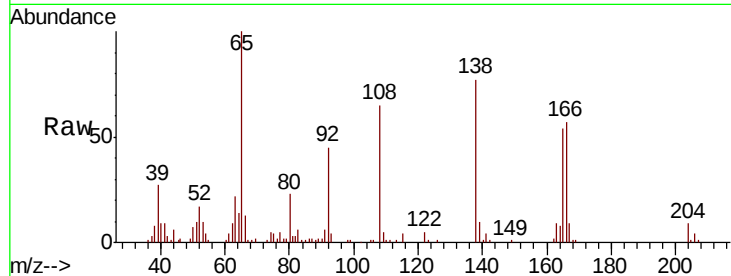




#61
4-Nitroaniline
Concen: 33.233 ng
RT: 15.73 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

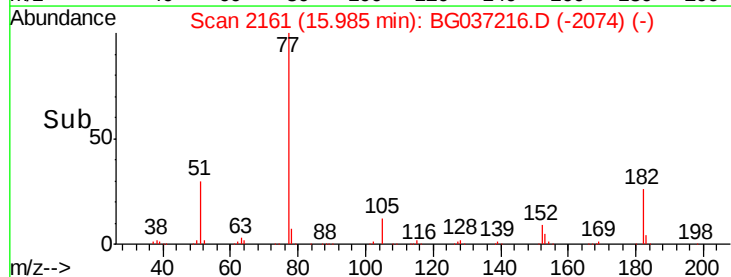
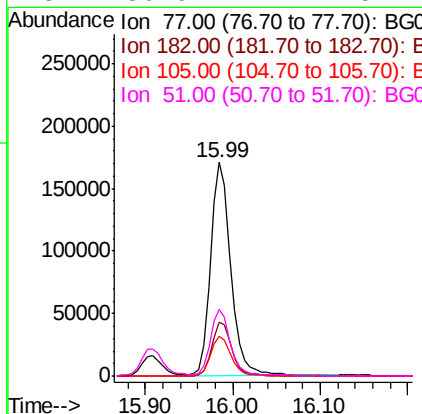
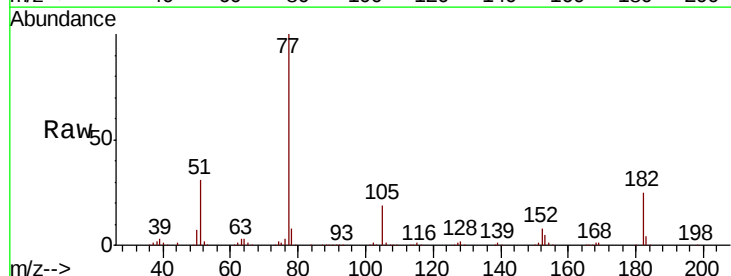
Instrument :
BNA_G
ClientSampleId :
PB113547BS

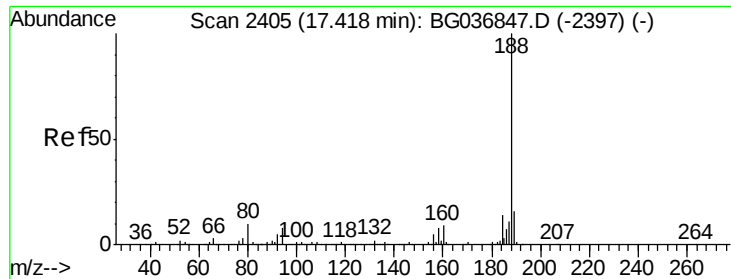
Tgt Ion:138 Resp: 63023
Ion Ratio Lower Upper
138 100
92 57.9 38.5 78.5
108 84.8 70.3 110.3



#62
Azobenzene
Concen: 35.952 ng
RT: 15.99 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

Tgt Ion: 77 Resp: 273224
Ion Ratio Lower Upper
77 100
182 25.4 6.7 46.7
105 18.8 0.0 39.8
51 30.9 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2402

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

Instrument :

BNA_G

ClientSampleId :

PB113547BS

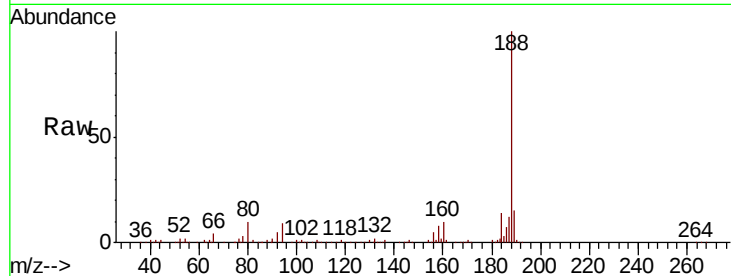
Tgt Ion:188 Resp: 267320

Ion Ratio Lower Upper

188 100

94 8.6 6.7 10.1

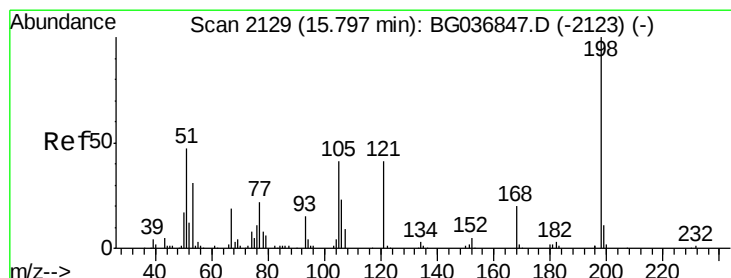
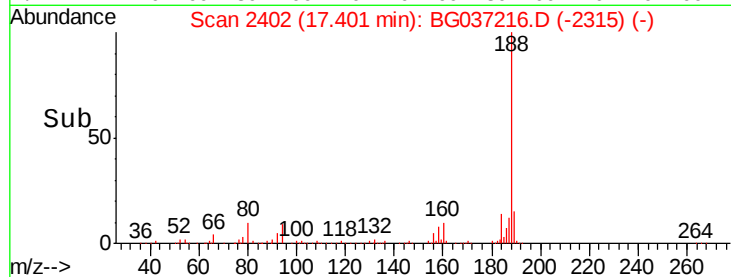
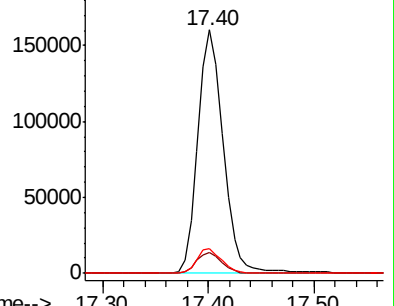
80 10.0 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 27.152 ng

RT: 15.79 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

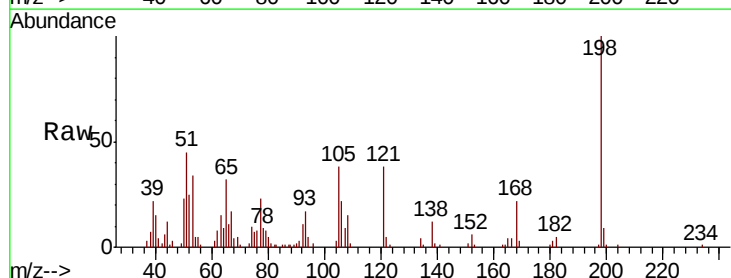
Tgt Ion:198 Resp: 37947

Ion Ratio Lower Upper

198 100

51 45.3 26.5 66.5

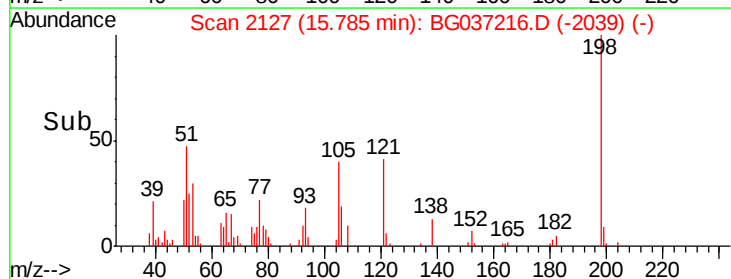
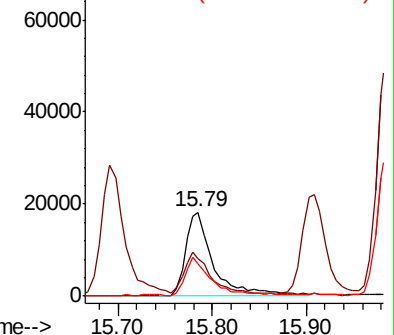
105 38.2 20.2 60.2

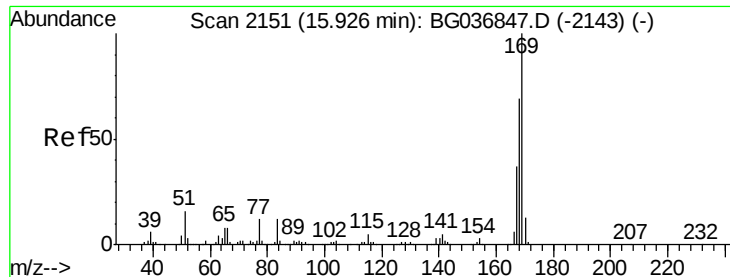


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

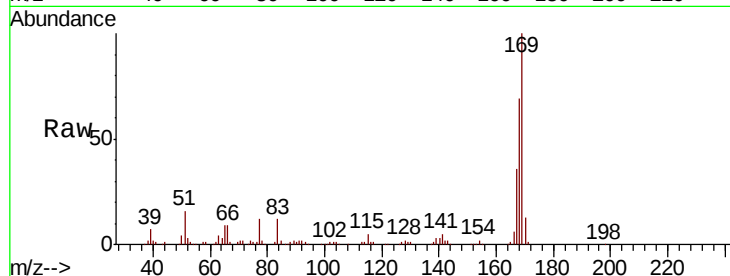




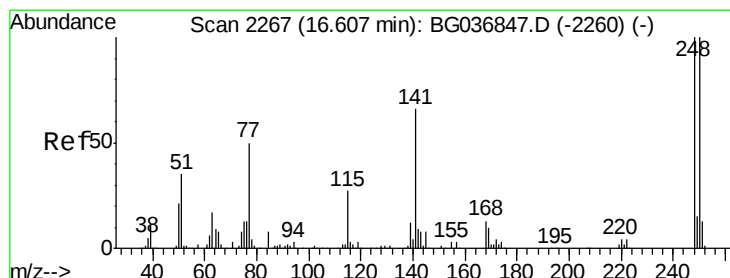
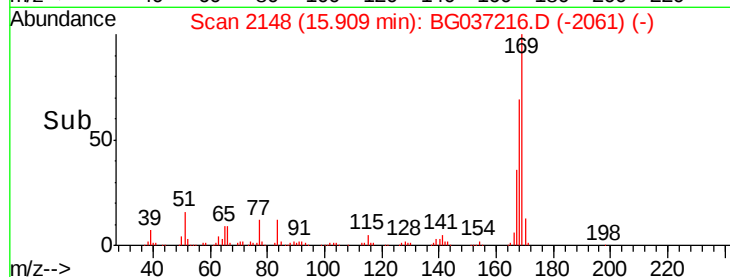
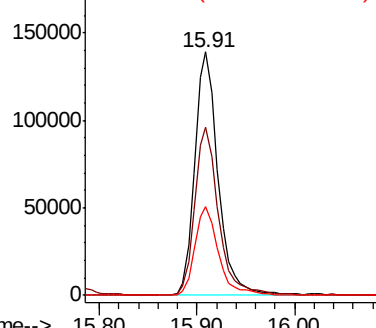
#65
 n-Nitrosodiphenylamine
 Concen: 31.209 ng
 RT: 15.91 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Instrument :
 BNA_G
 ClientSampleId :
 PB113547BS

Tgt Ion:169 Resp: 230320
 Ion Ratio Lower Upper
 169 100
 168 68.9 57.6 86.4
 167 36.2 31.0 46.4

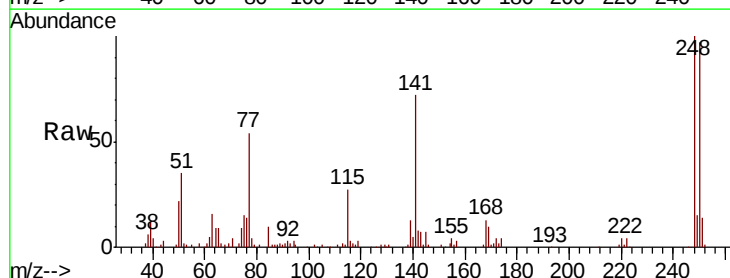


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

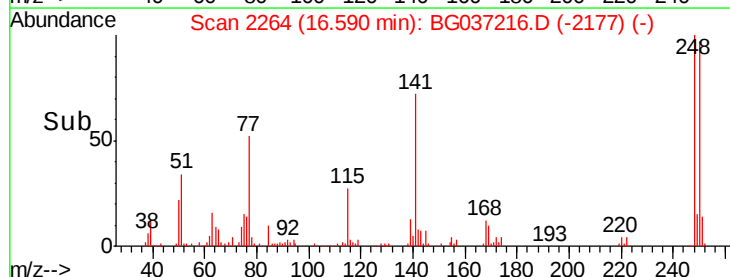
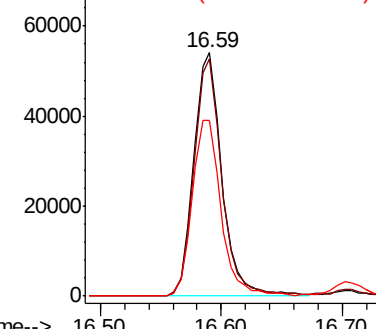


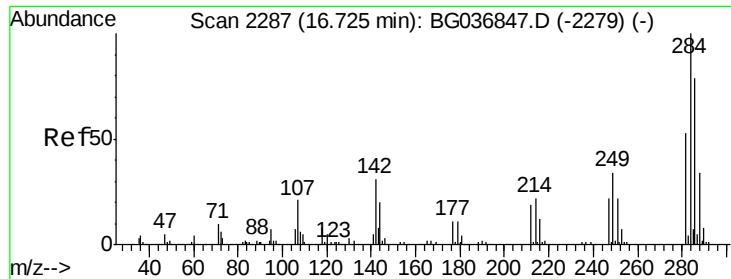
#66
 4-Bromophenyl-phenylether
 Concen: 28.652 ng
 RT: 16.59 min Scan# 2264
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Tgt Ion:248 Resp: 87119
 Ion Ratio Lower Upper
 248 100
 250 97.3 78.1 117.1
 141 72.3 53.7 80.5



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

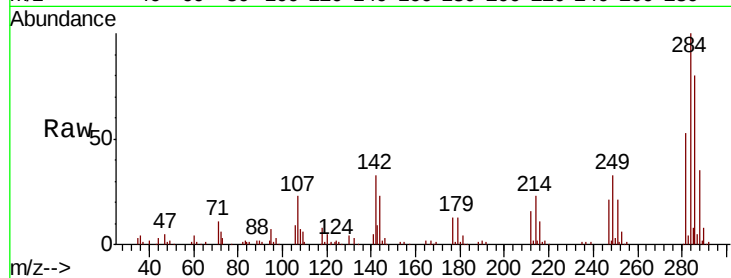




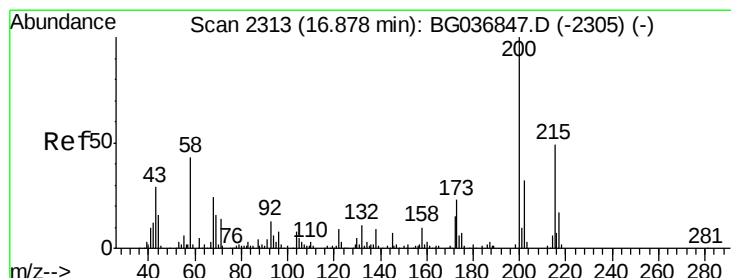
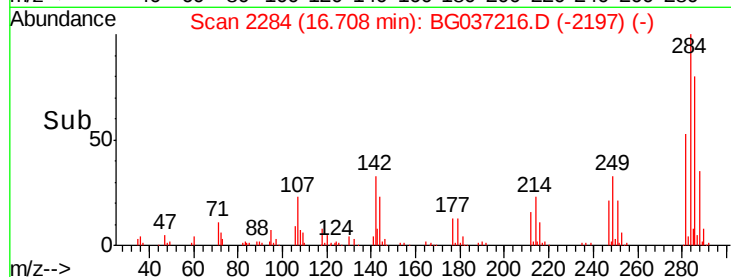
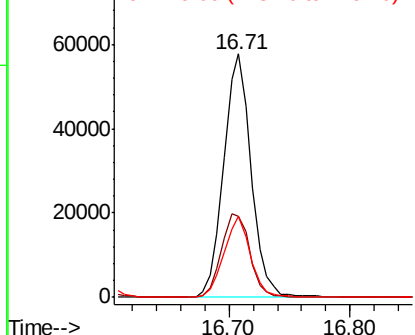
#67
Hexachlorobenzene
Concen: 28.954 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

Instrument :
BNA_G
ClientSampleId :
PB113547BS

Tgt Ion:284 Resp: 90672
Ion Ratio Lower Upper
284 100
142 33.3 27.8 41.6
249 33.1 27.4 41.2

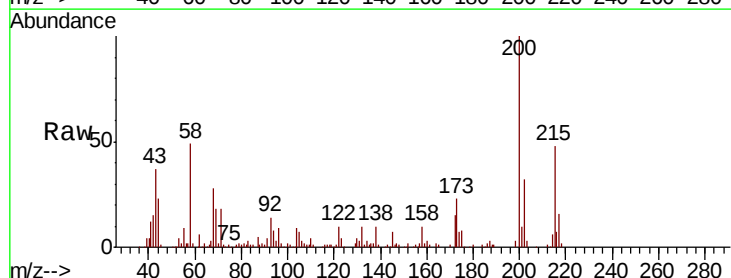


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

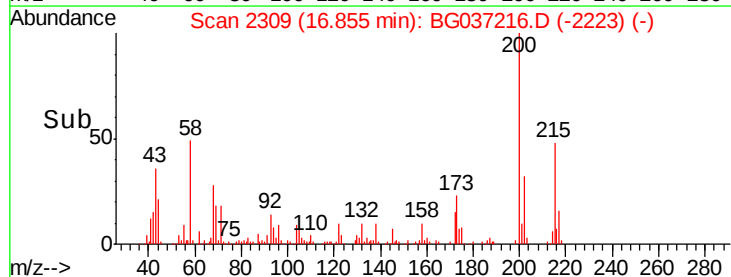
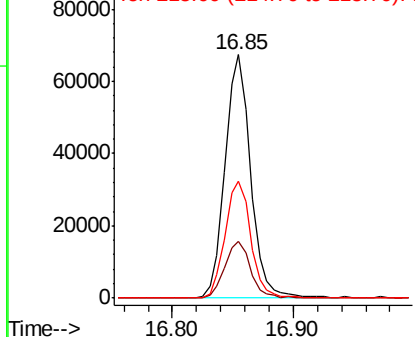


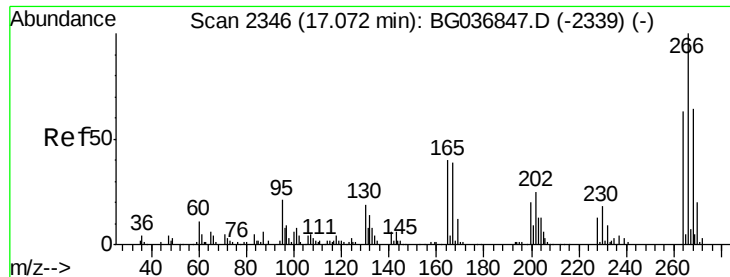
#68
Atrazine
Concen: 33.088 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

Tgt Ion:200 Resp: 98873
Ion Ratio Lower Upper
200 100
173 23.4 3.9 43.9
215 48.0 30.4 70.4



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

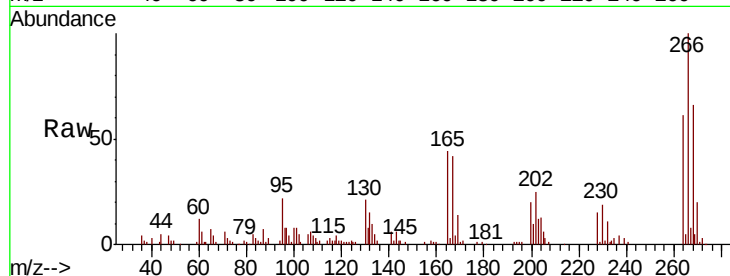




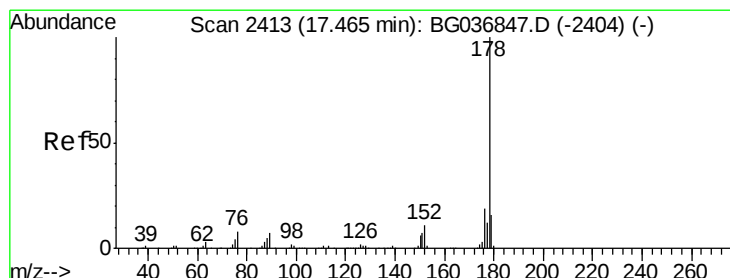
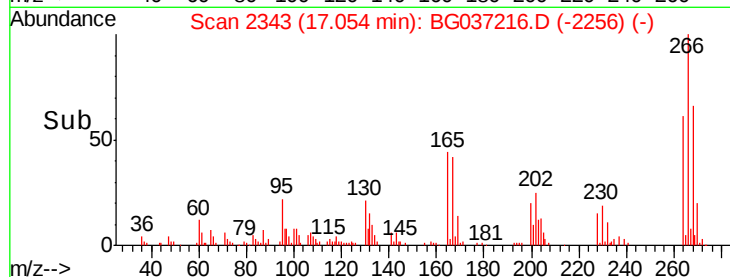
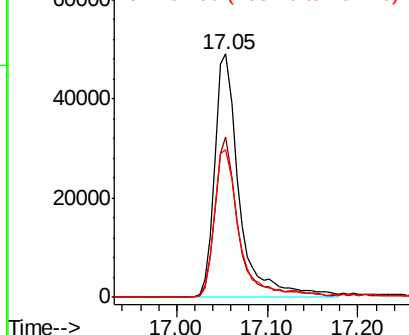
#69
 Pentachlorophenol
 Concen: 47.119 ng
 RT: 17.05 min Scan# 2343
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Instrument :
 BNA_G
 ClientSampleId :
 PB113547BS

Tgt Ion:266 Resp: 92903
 Ion Ratio Lower Upper
 266 100
 268 65.8 51.4 77.2
 264 60.8 48.9 73.3

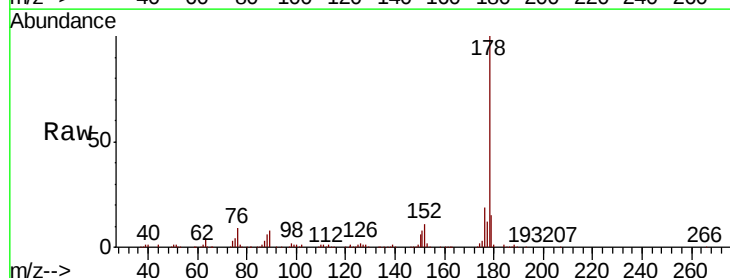


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

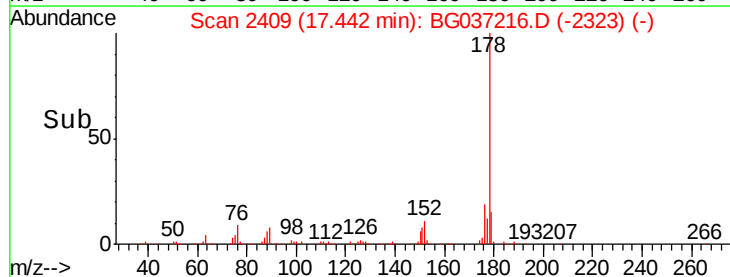
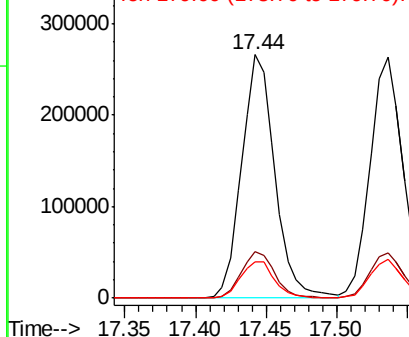


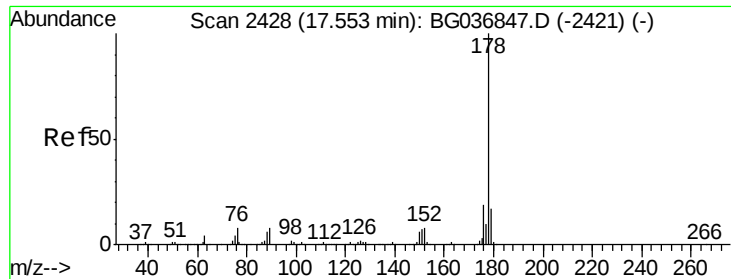
#70
 Phenanthrene
 Concen: 33.998 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Tgt Ion:178 Resp: 437963
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 14.9 13.4 20.2



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

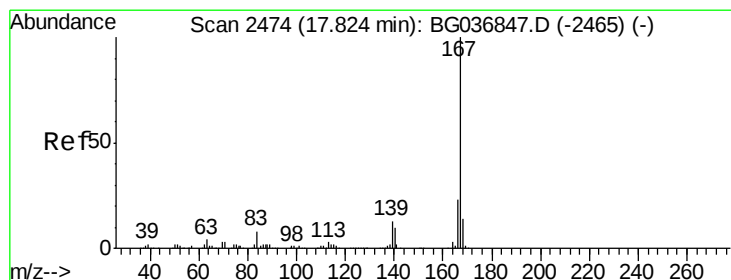
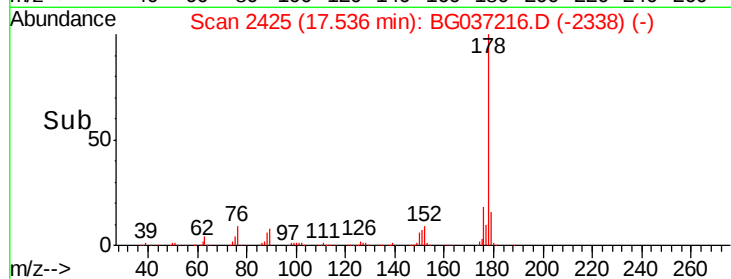
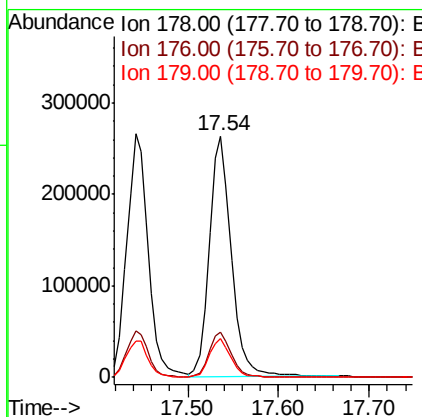
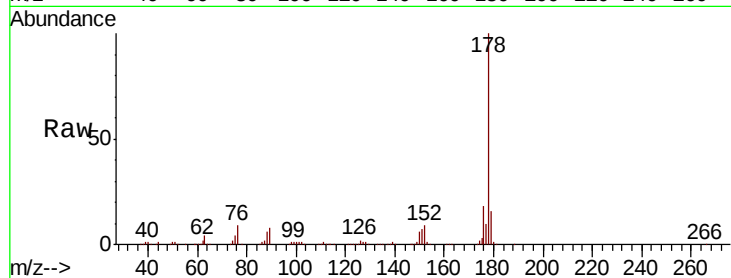




#71
 Anthracene
 Concen: 34.889 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

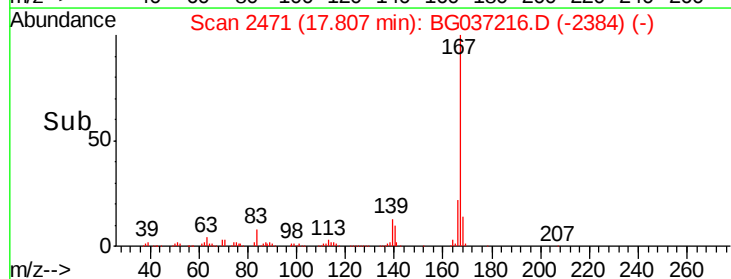
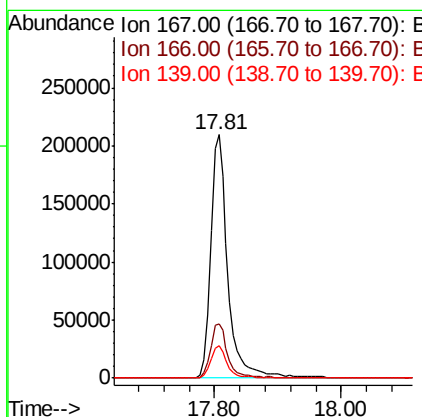
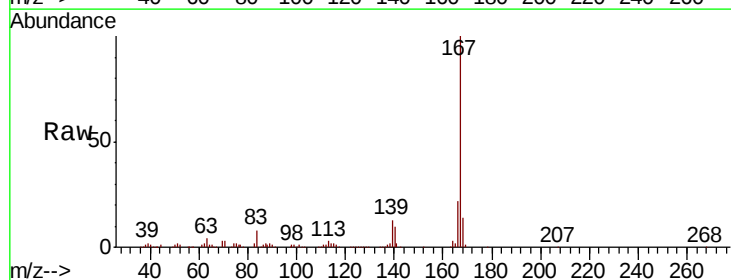
Instrument :
 BNA_G
 ClientSampleId :
 PB113547BS

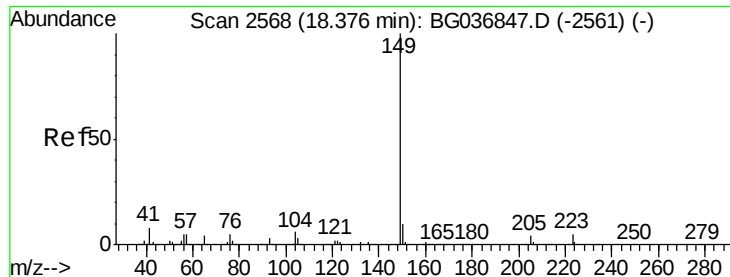
Tgt Ion:178 Resp: 444413
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 16.1 13.0 19.4



#72
 Carbazole
 Concen: 31.873 ng
 RT: 17.81 min Scan# 2471
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Tgt Ion:167 Resp: 395849
 Ion Ratio Lower Upper
 167 100
 166 22.2 19.5 29.3
 139 13.1 10.7 16.1

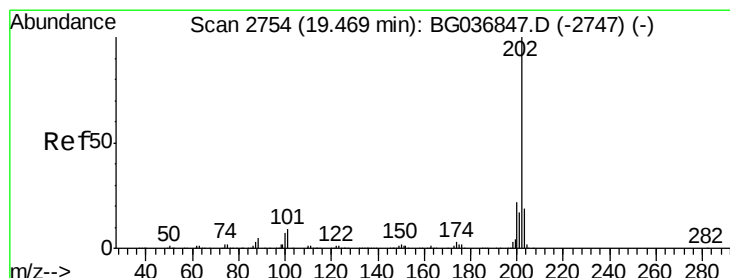
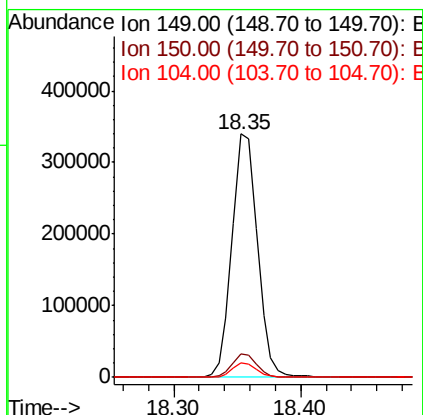
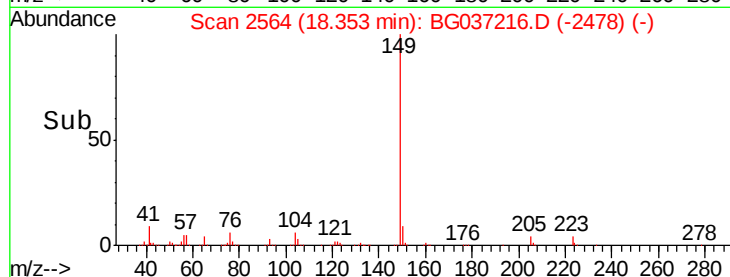
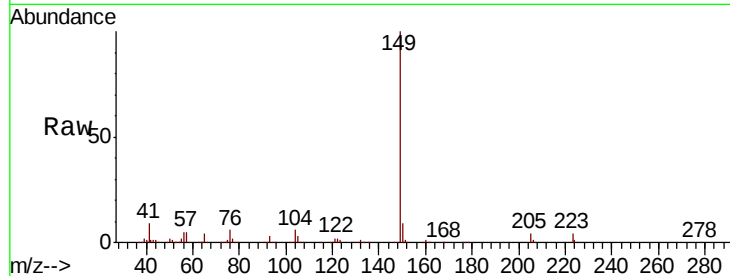




#73
Di-n-butylphthalate
Concen: 34.318 ng
RT: 18.35 min Scan# 2564
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

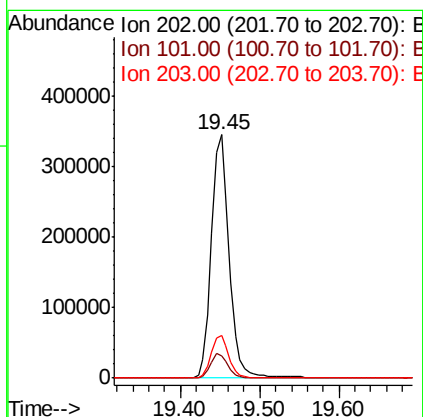
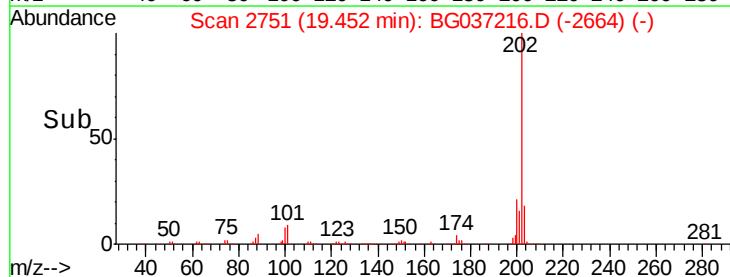
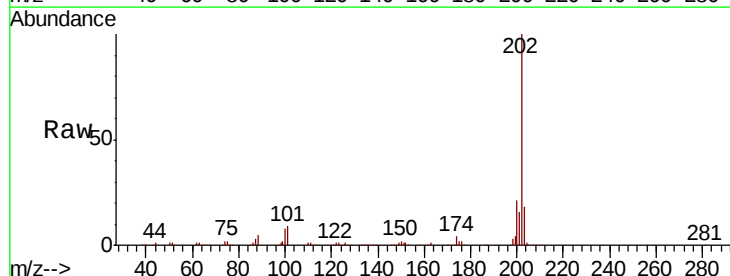
Instrument :
BNA_G
ClientSampleId :
PB113547BS

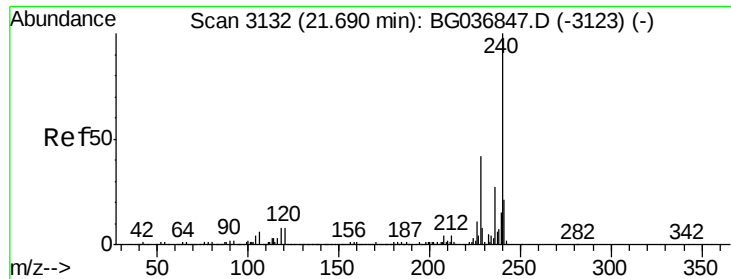
Tgt Ion:149 Resp: 473329
Ion Ratio Lower Upper
149 100
150 9.4 8.1 12.1
104 6.0 4.6 6.8



#74
Fluoranthene
Concen: 34.759 ng
RT: 19.45 min Scan# 2751
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

Tgt Ion:202 Resp: 538990
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.4
203 17.7 0.0 38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

Instrument :

BNA_G

ClientSampleId :

PB113547BS

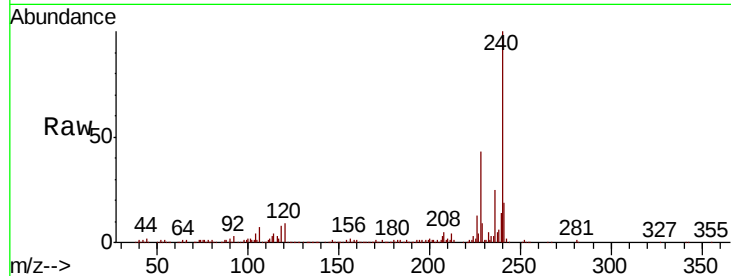
Tgt Ion:240 Resp: 279773

Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

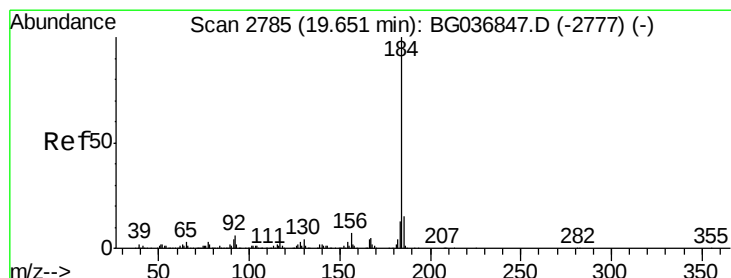
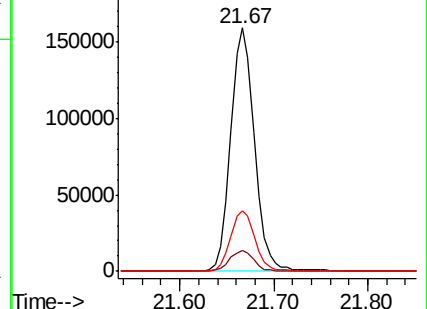
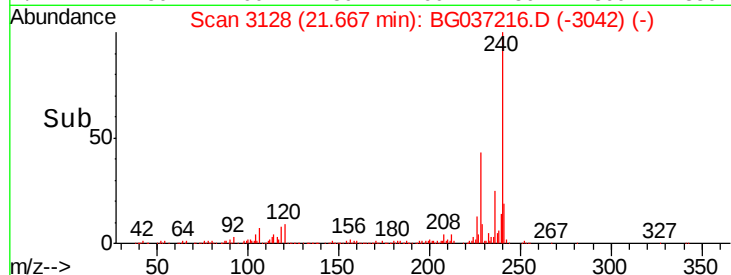
236 24.9 21.2 31.8



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: 20.399 ng

RT: 19.63 min Scan# 2782

Delta R.T. -0.02 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

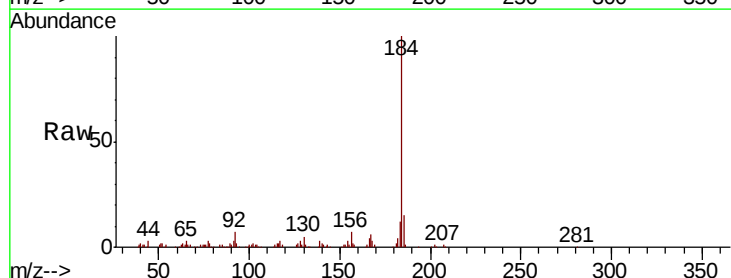
Tgt Ion:184 Resp: 172522

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

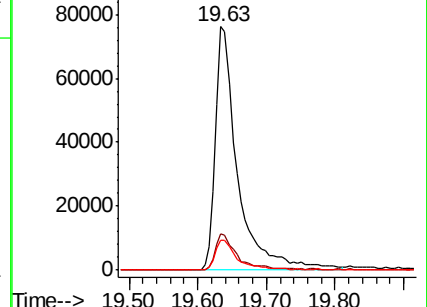
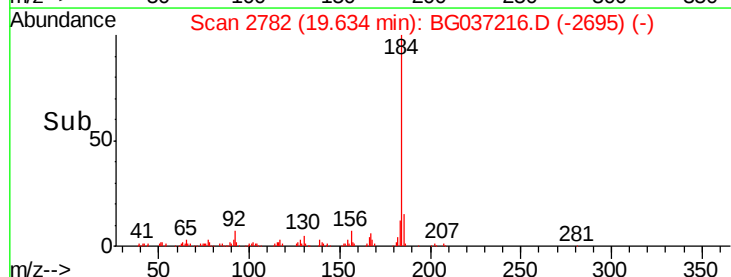
183 12.1 10.9 16.3

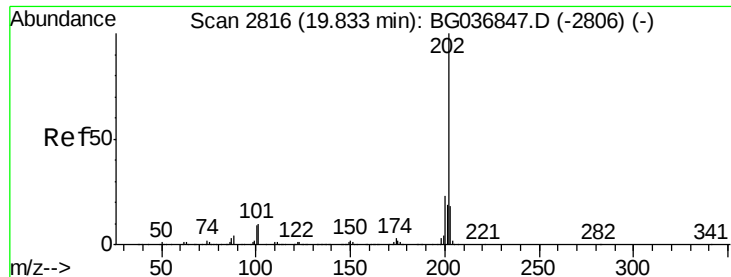


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

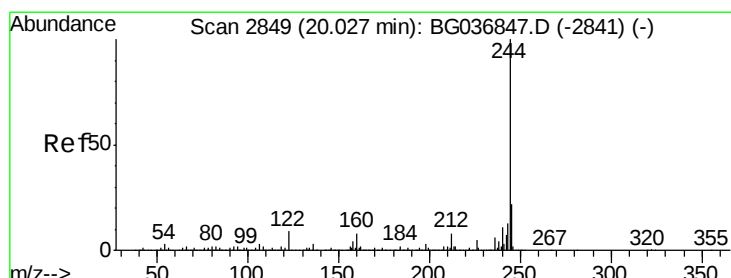
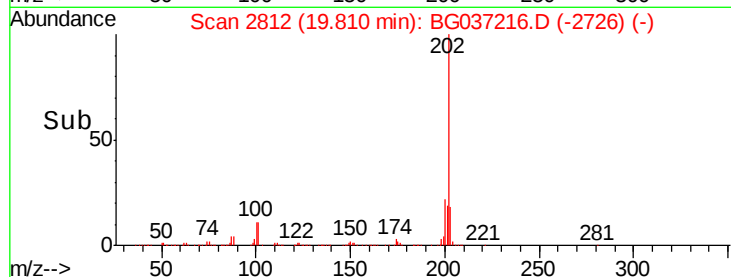
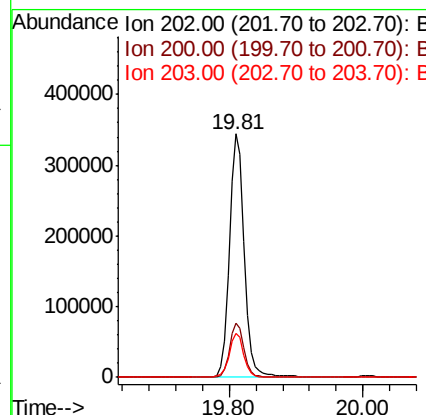
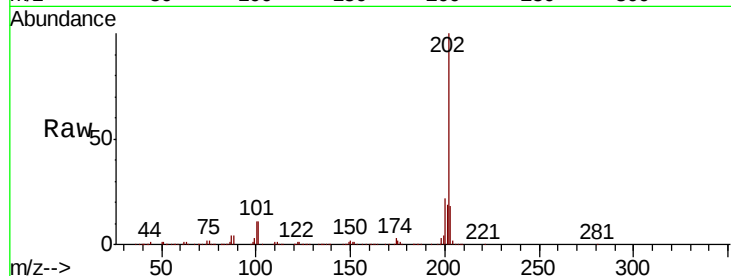




#77
 Pyrene
 Concen: 31.990 ng
 RT: 19.81 min Scan# 2812
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

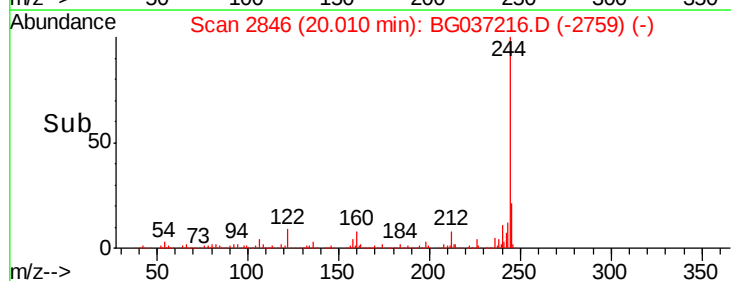
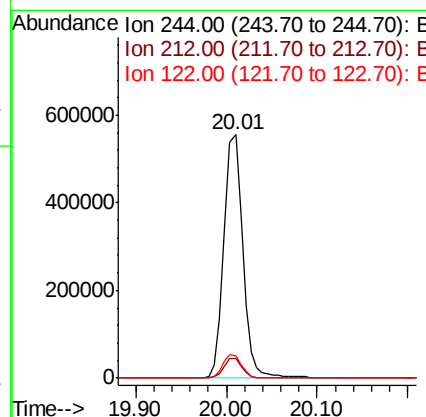
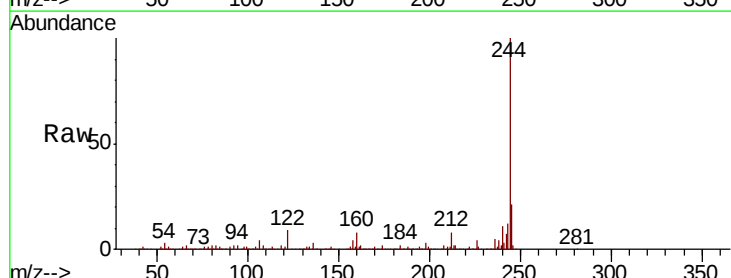
Instrument :
 BNA_G
 ClientSampleId :
 PB113547BS

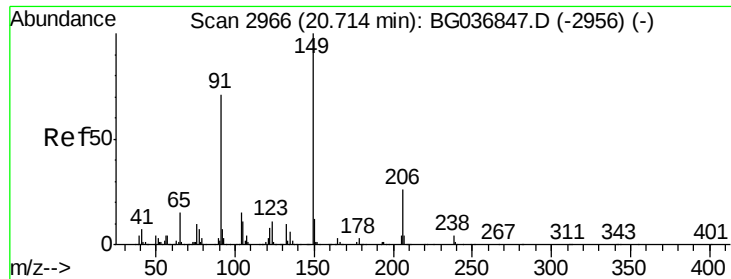
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.3	27.5
203	18.2	15.1	22.7



#78
 Terphenyl-d14
 Concen: 75.977 ng
 RT: 20.01 min Scan# 2846
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.0	10.6
122	9.2	7.1	10.7

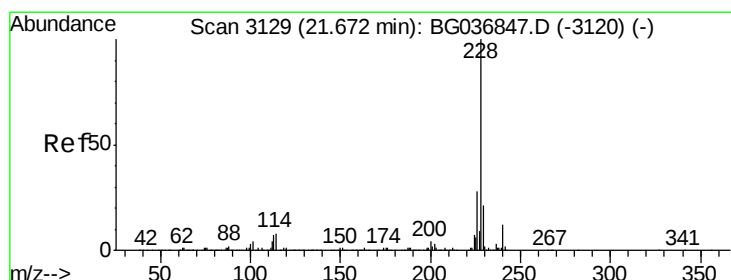
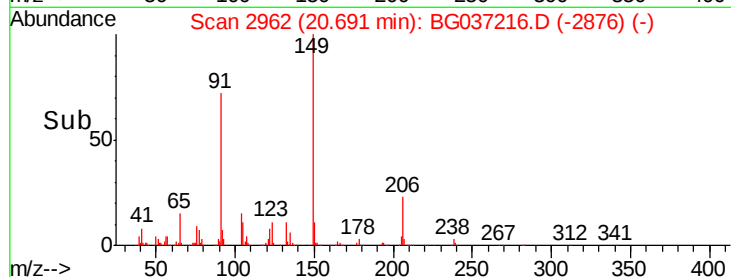
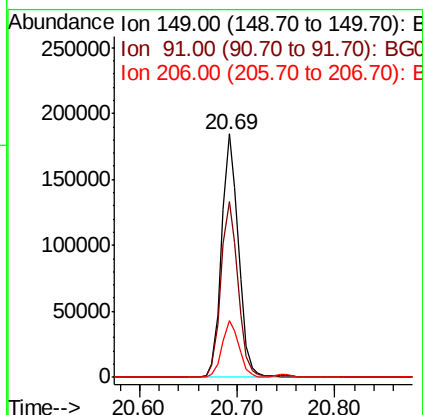
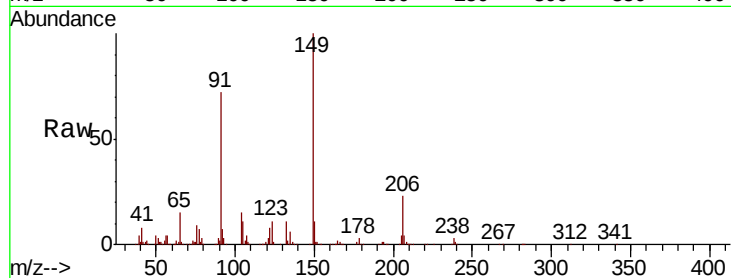




#79
Butylbenzylphthalate
Concen: 33.363 ng
RT: 20.69 min Scan# 2962
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

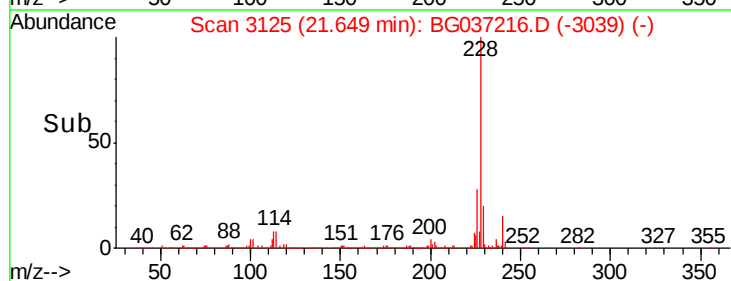
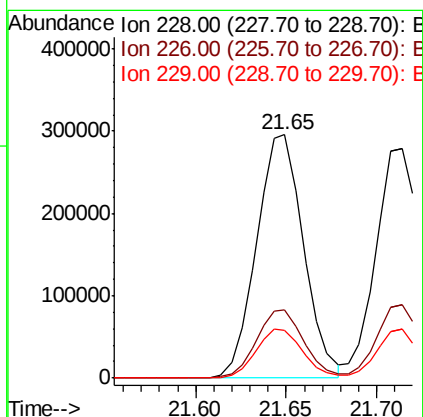
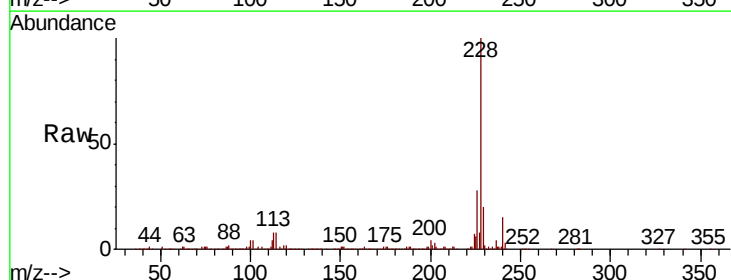
Instrument :
BNA_G
ClientSampleId :
PB113547BS

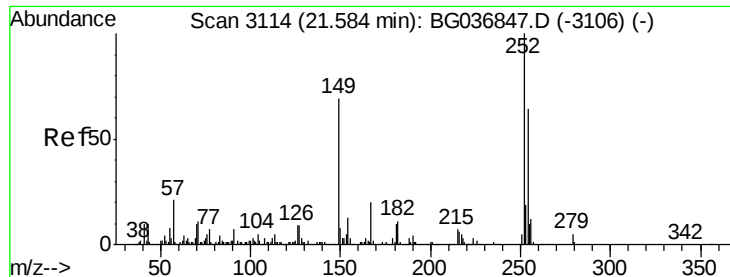
Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.2	62.0	93.0
206	23.4	19.6	29.4



#80
Benzo(a)anthracene
Concen: 32.607 ng
RT: 21.65 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BG037216.D
Acq: 6 Oct 2018 17:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.2
229	19.8	17.1	25.7

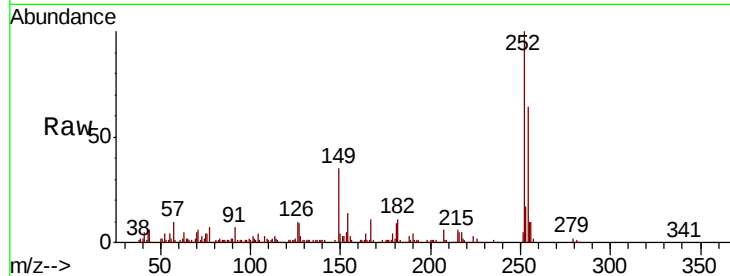




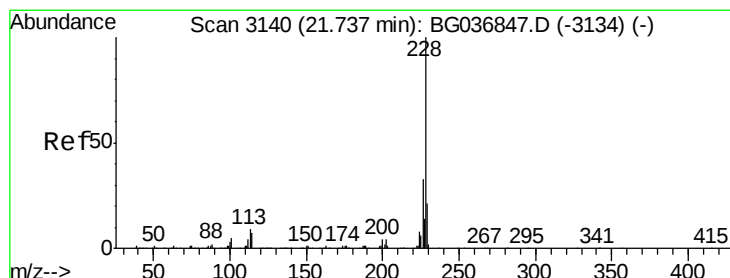
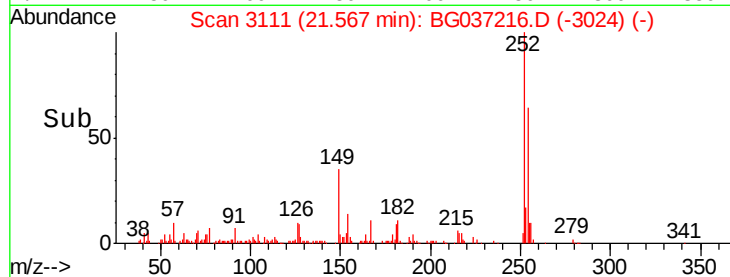
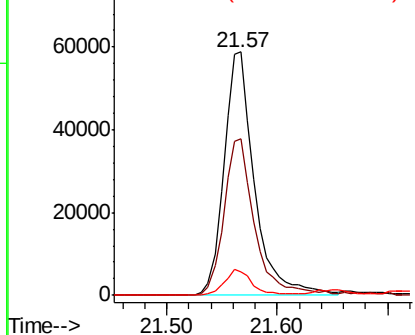
#81
 3,3'-Dichlorobenzidine
 Concen: 18.243 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Instrument :
 BNA_G
 ClientSampleId :
 PB113547BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.0	76.4
126	9.8	7.4	11.0

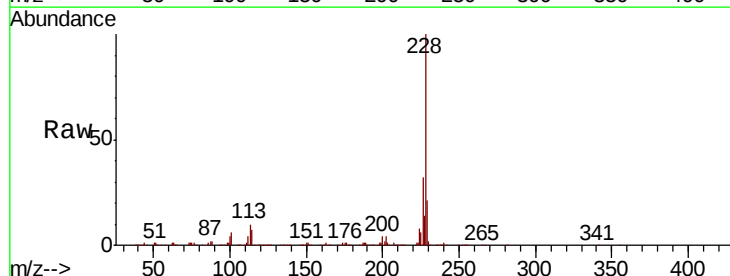


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

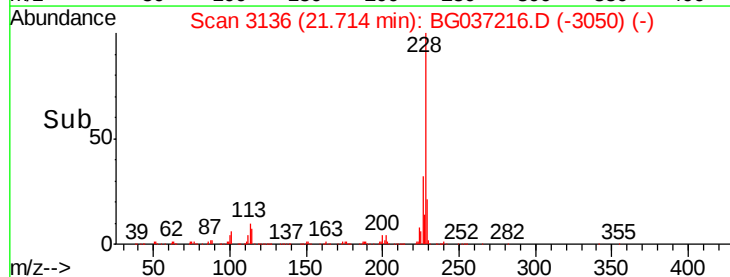
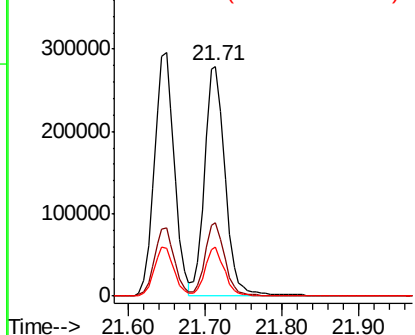


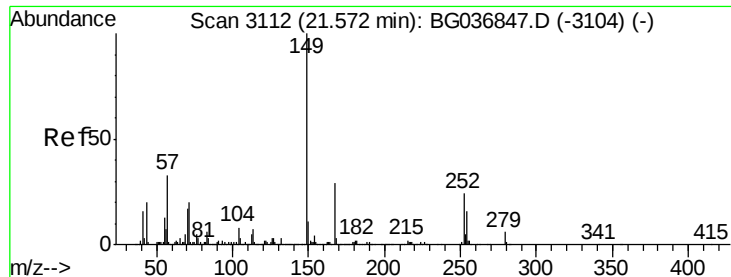
#82
 Chrysene
 Concen: 32.380 ng
 RT: 21.71 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.5	38.3
229	21.5	16.9	25.3



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

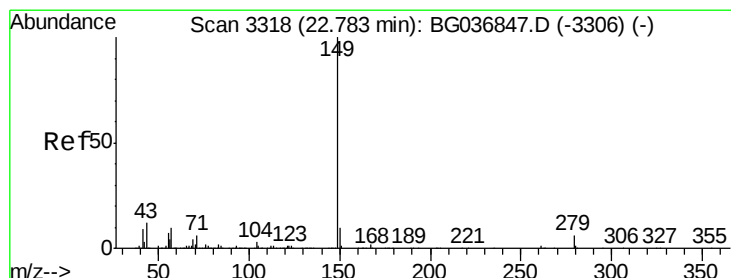
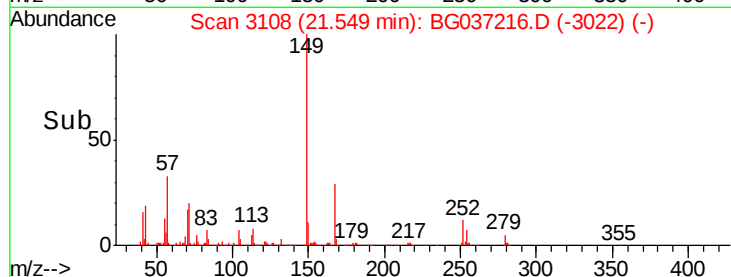
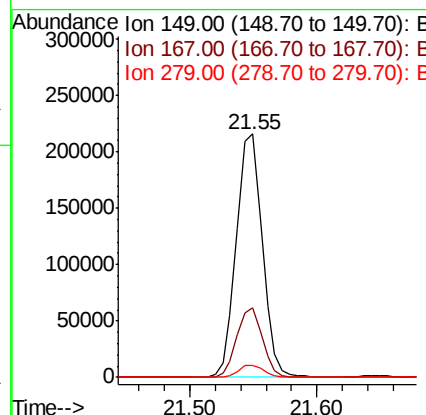
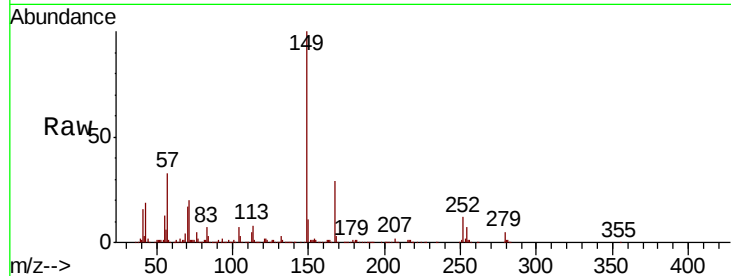




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.789 ng
 RT: 21.55 min Scan# 3108
 Delta R.T. -0.02 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

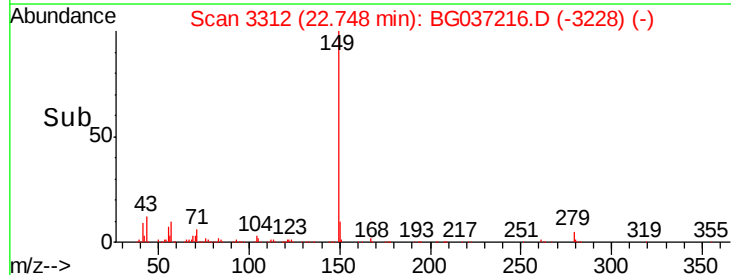
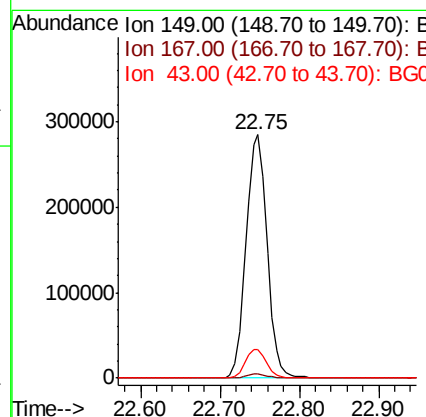
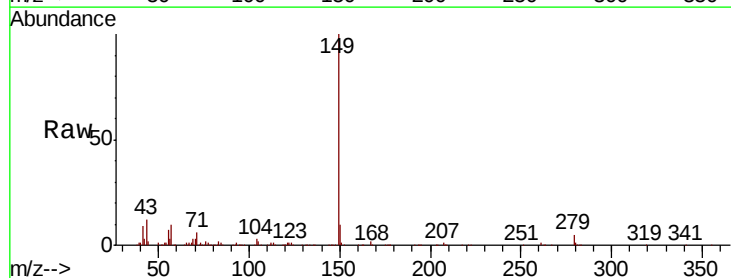
Instrument :
 BNA_G
 ClientSampleId :
 PB113547BS

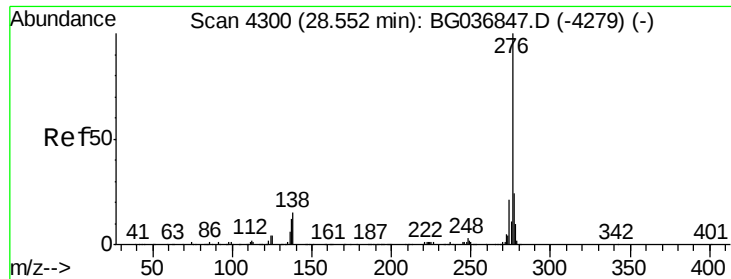
Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.4	35.0
279	5.1	4.6	7.0



#84
 Di-n-octyl phthalate
 Concen: 34.082 ng
 RT: 22.75 min Scan# 3312
 Delta R.T. -0.03 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.9	10.0	15.0





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.849 ng

RT: 28.48 min Scan# 4288

Delta R.T. -0.07 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

Instrument :

BNA_G

ClientSampleId :

PB113547BS

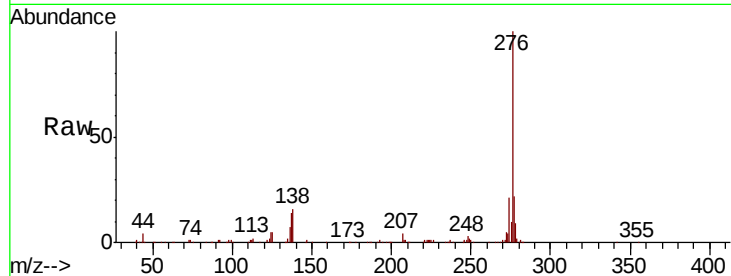
Tgt Ion:276 Resp: 573567

Ion Ratio Lower Upper

276 100

138 21.4 10.6 15.8#

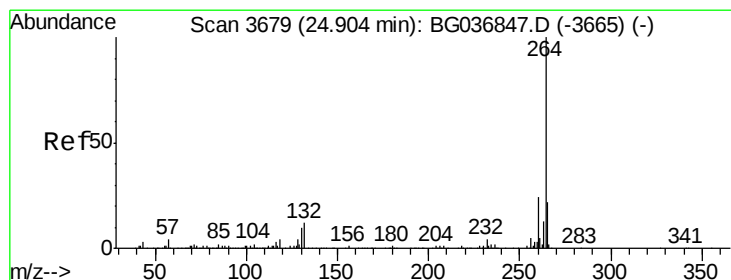
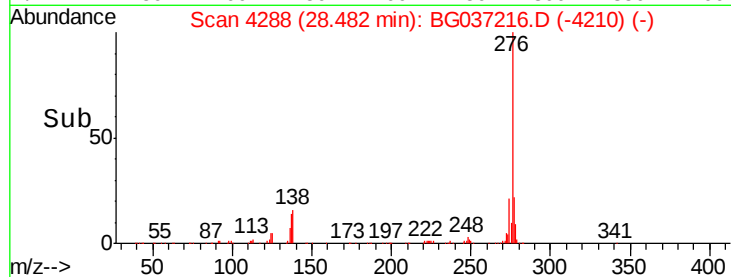
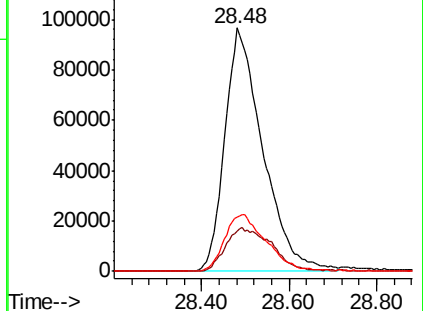
277 25.5 20.6 30.8



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: 24.86 min Scan# 3671

Delta R.T. -0.05 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

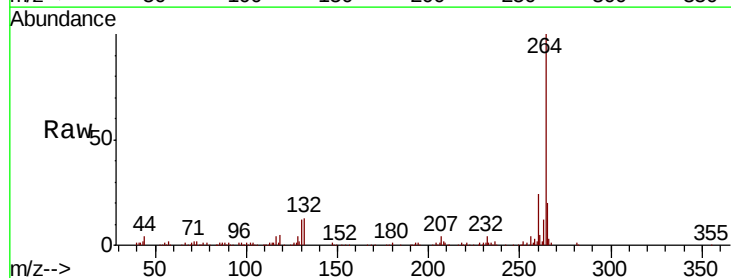
Tgt Ion:264 Resp: 282181

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

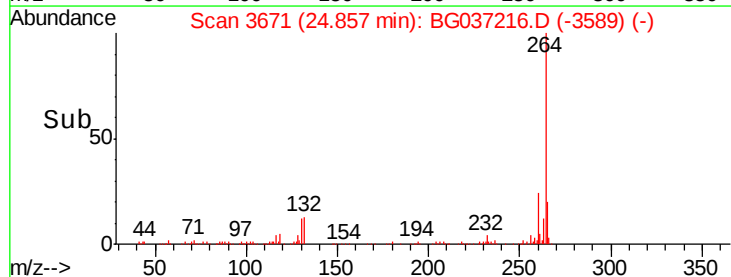
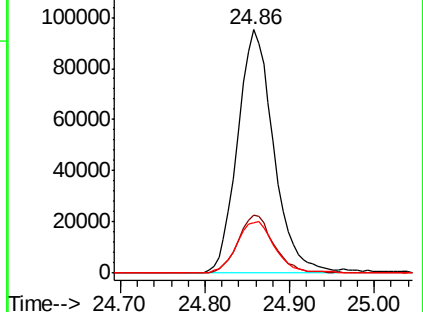
265 20.5 17.4 26.0

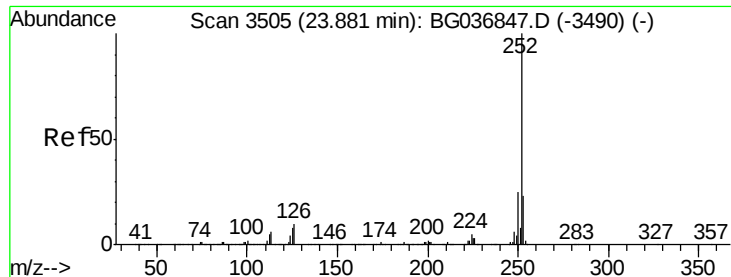


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

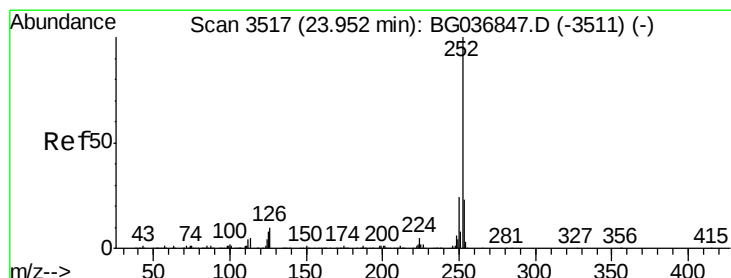
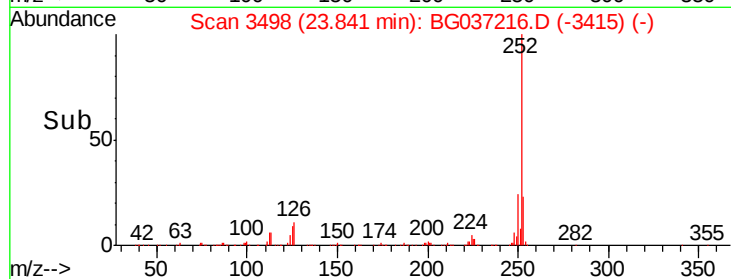
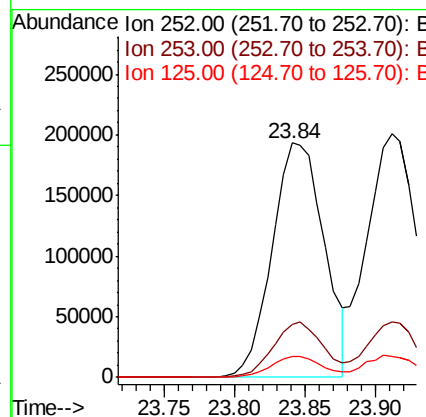
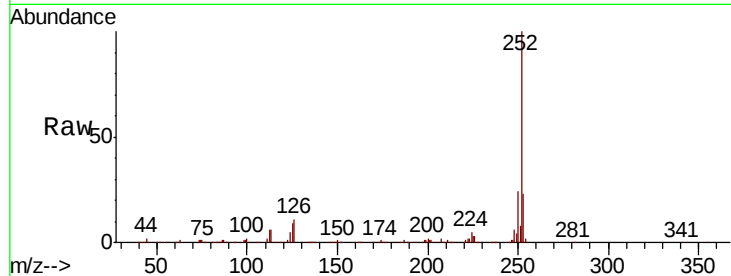




#87
 Benzo(b)fluoranthene
 Concen: 33.062 ng
 RT: 23.84 min Scan# 3498
 Delta R.T. -0.04 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

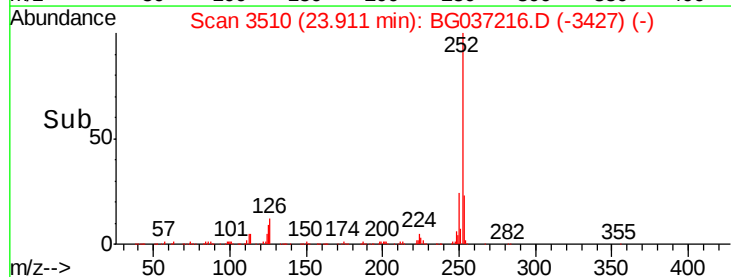
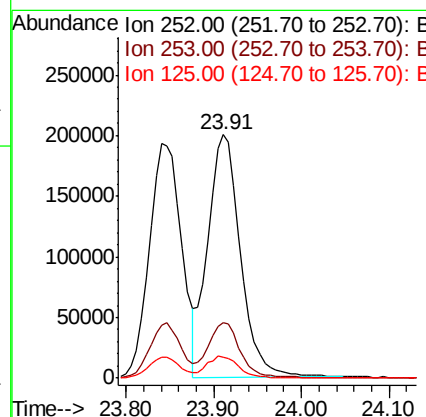
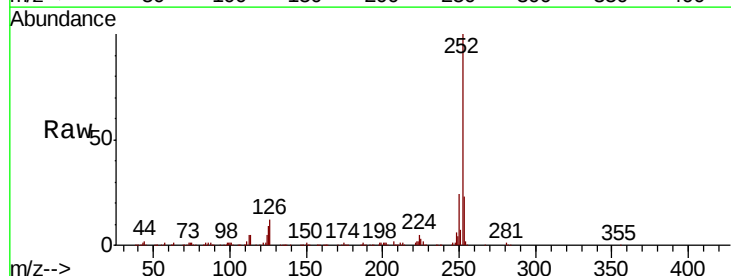
Instrument :
 BNA_G
 ClientSampleId :
 PB113547BS

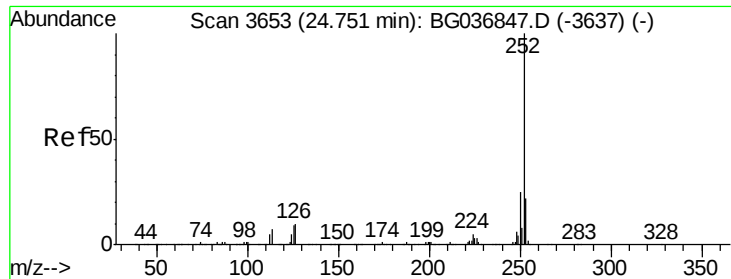
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	9.0	6.6	10.0



#88
 Benzo(k)fluoranthene
 Concen: 34.498 ng
 RT: 23.91 min Scan# 3510
 Delta R.T. -0.04 min
 Lab File: BG037216.D
 Acq: 6 Oct 2018 17:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	8.8	7.0	10.6





#89

Benzo(a)pyrene

Concen: 34.259 ng

RT: 24.71 min Scan# 3646

Delta R.T. -0.04 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

Instrument :

BNA_G

ClientSampleId :

PB113547BS

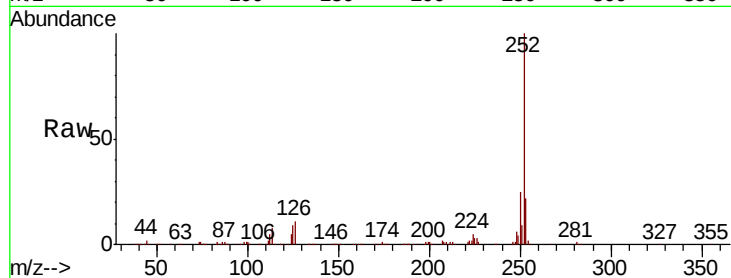
Tgt Ion:252 Resp: 498071

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

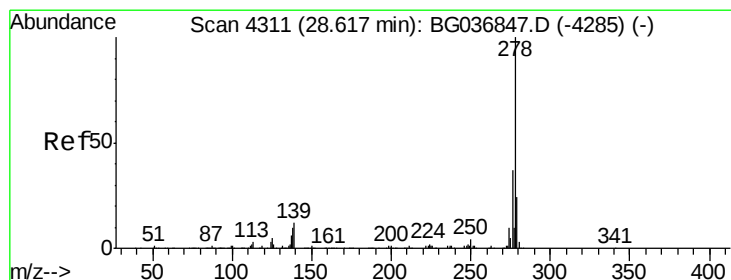
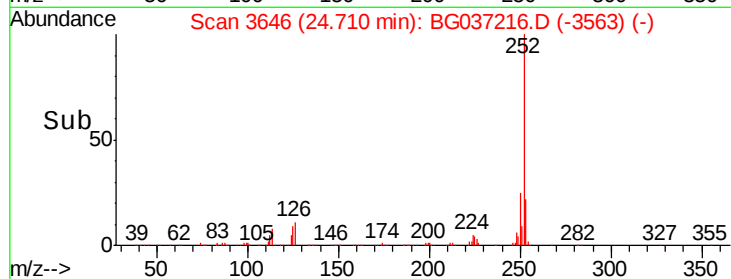
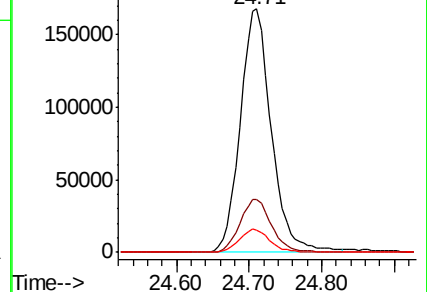
125 9.3 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.729 ng

RT: 28.55 min Scan# 4299

Delta R.T. -0.07 min

Lab File: BG037216.D

Acq: 6 Oct 2018 17:13

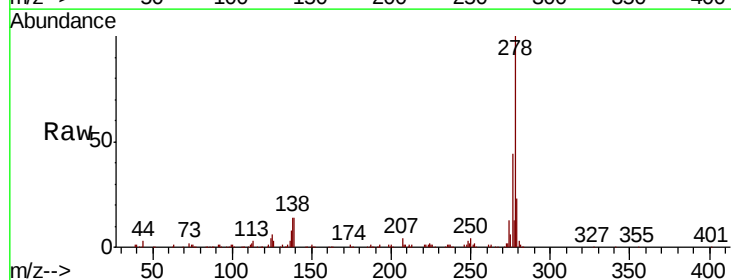
Tgt Ion:278 Resp: 473204

Ion Ratio Lower Upper

278 100

139 13.6 11.0 16.4

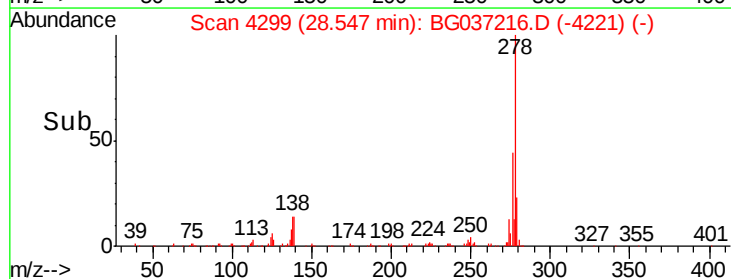
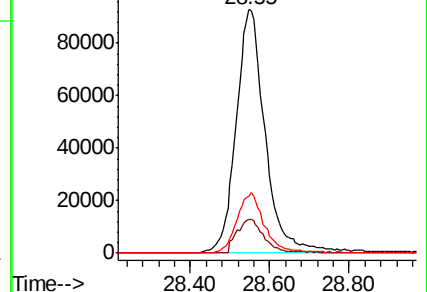
279 23.1 18.7 28.1

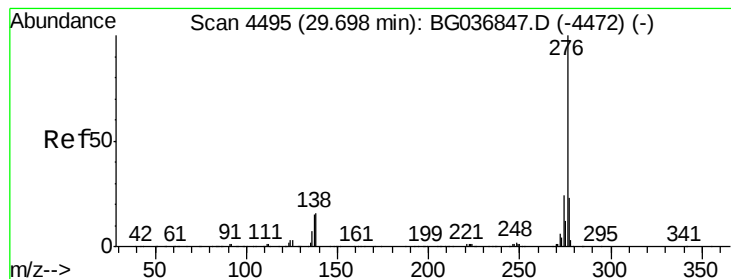


Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.558 ng

RT: 29.62 min Scan# 4481

Delta R.T. -0.08 min

Lab File: BG037216.D

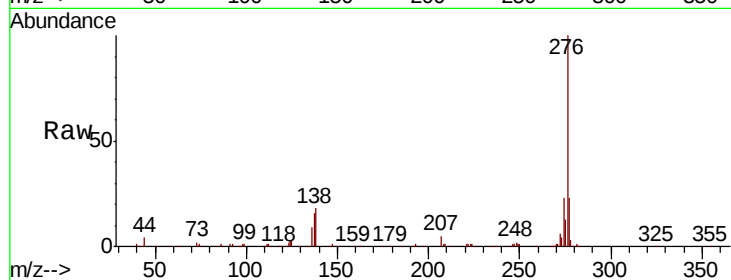
Acq: 6 Oct 2018 17:13

Instrument :

BNA_G

ClientSampleId :

PB113547BS



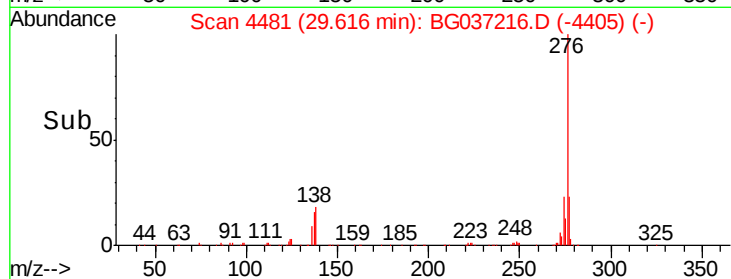
Tgt Ion: 276 Resp: 472577

Ion Ratio Lower Upper

276 100

277 23.2 18.4 27.6

138 18.1 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

