

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG036982.D
 Acq On : 26 Sep 2018 15:18
 Operator : JU/SJ
 Sample : PB113205BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113205BS

Quant Time: Sep 26 18:56:41 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	8.05	152	46131	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	197797	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	122172	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	293995	20.00	ng	0.00
75) Chrysene-d12	21.68	240	303026	20.00	ng	0.00
86) Perylene-d12	24.89	264	306721	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	311588	129.54	ng	0.00
7) Phenol-d6	7.21	99	429032	115.28	ng	0.00
23) Nitrobenzene-d5	9.20	82	267287	72.36	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	160357	109.70	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	596621	72.73	ng	0.00
78) Terphenyl-d14	20.02	244	935301	81.16	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	50848	46.197	ng	99
3) Pyridine	3.92	79	131879	41.496	ng	96
4) n-Nitrosodimethylamine	3.84	42	69568	49.250	ng	# 91
6) Aniline	7.37	93	152437	31.567	ng	99
8) 2-Chlorophenol	7.61	128	128241	45.915	ng	96
9) Benzaldehyde	7.18	77	64115	26.072	ng	97
10) Phenol	7.24	94	168260	43.807	ng	94
11) bis(2-Chloroethyl)ether	7.47	93	130793	36.813	ng	99
12) 1,3-Dichlorobenzene	7.93	146	136066	39.737	ng	97
13) 1,4-Dichlorobenzene	8.08	146	136949	39.082	ng	97
14) 1,2-Dichlorobenzene	8.39	146	132779	39.101	ng	96
15) Benzyl Alcohol	8.28	79	116991	38.742	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	267632	39.236	ng	97
17) 2-Methylphenol	8.48	107	111028	41.499	ng	96
18) Hexachloroethane	9.12	117	52577	40.772	ng	97
19) n-Nitroso-di-n-propylamine	8.84	70	109072	35.230	ng	98
20) 3+4-Methylphenols	8.81	107	152929	41.088	ng	97
22) Acetophenone	8.86	105	197841	42.563	ng	95
24) Nitrobenzene	9.25	77	159818	40.517	ng	98
25) Isophorone	9.77	82	299669	44.402	ng	99
26) 2-Nitrophenol	9.96	139	69467	44.184	ng	97
27) 2,4-Dimethylphenol	10.02	122	119787	48.911	ng	95
28) bis(2-Chloroethoxy)methane	10.25	93	172761	41.484	ng	97
29) 2,4-Dichlorophenol	10.49	162	128264	45.179	ng	97
30) 1,2,4-Trichlorobenzene	10.71	180	137491	38.698	ng	95
31) Naphthalene	10.90	128	395146	41.986	ng	98
32) Benzoic acid	10.16	122	50675	29.551	ng	94
33) 4-Chloroaniline	11.01	127	103158	24.108	ng	98
34) Hexachlorobutadiene	11.18	225	96584	39.310	ng	97
35) Caprolactam	11.78	113	43830	37.509	ng	95
36) 4-Chloro-3-methylphenol	12.12	107	139189	41.089	ng	99
37) 2-Methylnaphthalene	12.50	142	300540	41.929	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	172953	40.588	ng	99
40) Hexachlorocyclopentadiene	12.84	237	214846	98.035	ng	98

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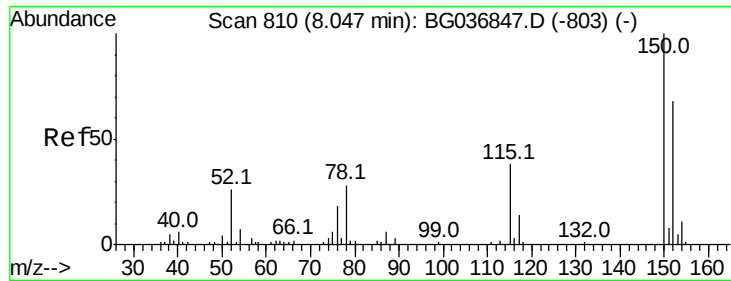
Instrument :
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 ClientSampleId :
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Quant Time: Sep 26 18:56:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.10	196	104882	44.325	ng	95
43) 2,4,5-Trichlorophenol	13.18	196	116024	45.984	ng	98
45) 1,1'-Biphenyl	13.51	154	384121	41.053	ng	96
46) 2-Chloronaphthalene	13.55	162	294453	40.017	ng	98
47) 2-Nitroaniline	13.75	65	107829	42.368	ng	97
48) Acenaphthylene	14.39	152	492021	42.672	ng	99
49) Dimethylphthalate	14.12	163	386902	39.343	ng	99
50) 2,6-Dinitrotoluene	14.24	165	85012	39.621	ng	99
51) Acenaphthene	14.73	154	280612	40.268	ng	99
52) 3-Nitroaniline	14.57	138	65021	28.758	ng	# 98
53) 2,4-Dinitrophenol	14.78	184	60624	62.174	ng	# 91
54) Dibenzofuran	15.07	168	465651	39.504	ng	100
55) 4-Nitrophenol	14.89	139	123697	85.640	ng	94
56) 2,4-Dinitrotoluene	15.03	165	120225	40.156	ng	96
57) Fluorene	15.71	166	367295	41.690	ng	94
58) 2,3,4,6-Tetrachlorophenol	15.29	232	115918	45.288	ng	97
59) Diethylphthalate	15.48	149	380777	38.390	ng	98
60) 4-Chlorophenyl-phenylether	15.71	204	207877	37.257	ng	99
61) 4-Nitroaniline	15.74	138	88704	37.299	ng	94
62) Azobenzene	16.00	77	388440	40.758	ng	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	60046	39.066	ng	97
65) n-Nitrosodiphenylamine	15.92	169	336290	41.434	ng	97
66) 4-Bromophenyl-phenylether	16.60	248	135453	40.506	ng	98
67) Hexachlorobenzene	16.72	284	132944	38.600	ng	97
68) Atrazine	16.87	200	132266	40.247	ng	98
69) Pentachlorophenol	17.07	266	148325	68.402	ng	97
70) Phenanthrene	17.46	178	602360	42.517	ng	99
71) Anthracene	17.55	178	619126	44.195	ng	99
72) Carbazole	17.82	167	545430	39.933	ng	97
73) Di-n-butylphthalate	18.37	149	628480	41.433	ng	99
74) Fluoranthene	19.46	202	741006	43.451	ng	100
76) Benzidine	19.65	184	328862	35.900	ng	99
77) Pyrene	19.82	202	734801	40.409	ng	99
79) Butylbenzylphthalate	20.71	149	297334	41.023	ng	97
80) Benzo(a)anthracene	21.66	228	740954	41.888	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	196708	29.215	ng	99
82) Chrysene	21.73	228	696704	40.764	ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	415021	40.988	ng	99
84) Di-n-octyl phthalate	22.77	149	699831	41.979	ng	100
85) Indeno(1,2,3-cd)pyrene	28.53	276	811891	44.237	ng	# 94
87) Benzo(b)fluoranthene	23.87	252	721570	44.144	ng	97
88) Benzo(k)fluoranthene	23.94	252	701734	42.791	ng	100
89) Benzo(a)pyrene	24.74	252	695743	44.026	ng	99
90) Dibenzo(a,h)anthracene	28.59	278	659617	44.537	ng	99
91) Benzo(g,h,i)perylene	29.67	276	673463	45.308	ng	99

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

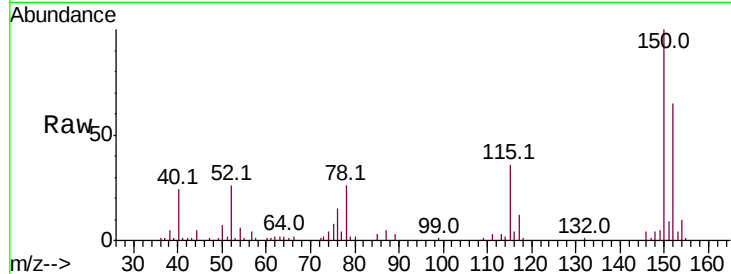


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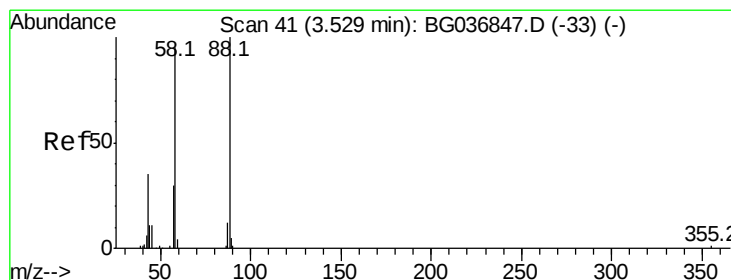
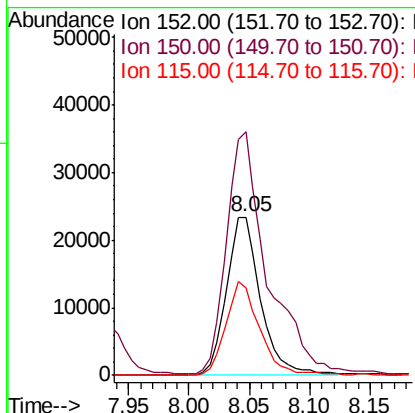
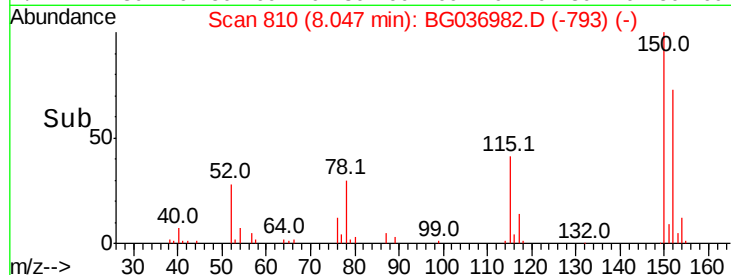
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB113205BS

Tot Ion:152 Resp: 46131
Ion Ratio Lower Upper
152 100
150 153.9 119.5 179.3
115 55.6 44.5 66.7



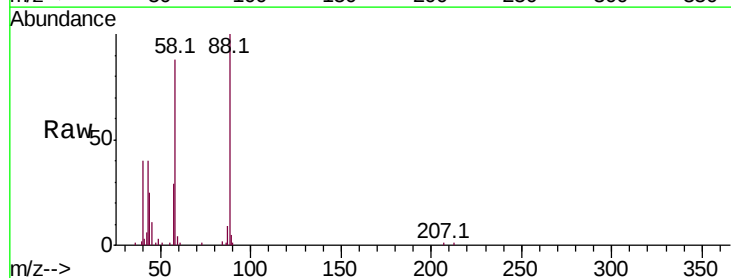
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



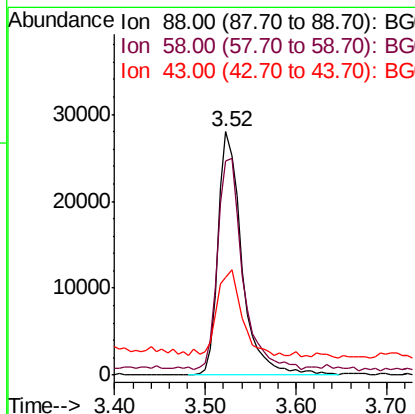
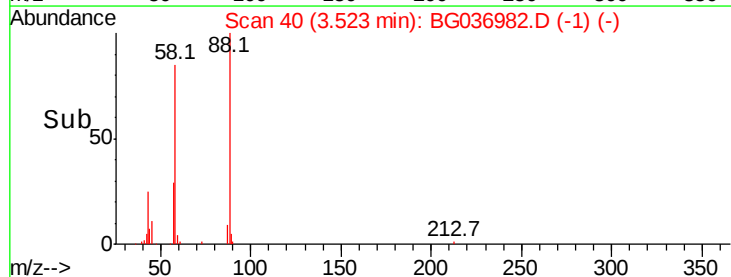
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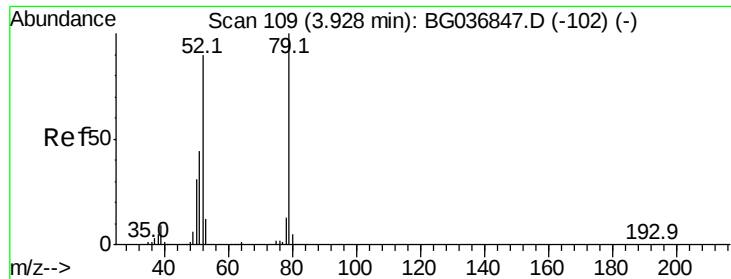
1,4-Dioxane
Concen: 46.197 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Tgt Ion: 88 Resp: 50848
Ion Ratio Lower Upper
88 100
58 91.2 72.6 109.0
43 37.6 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

Pvridine

Concen: 41.496 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Instrument :

BNA_G

ClientSampleId :

PB113205BS

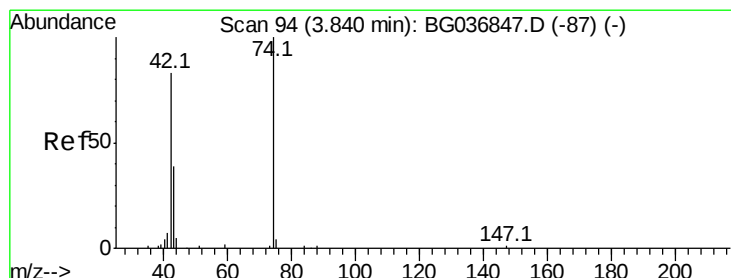
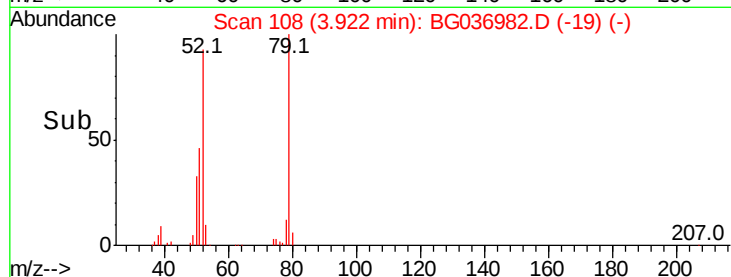
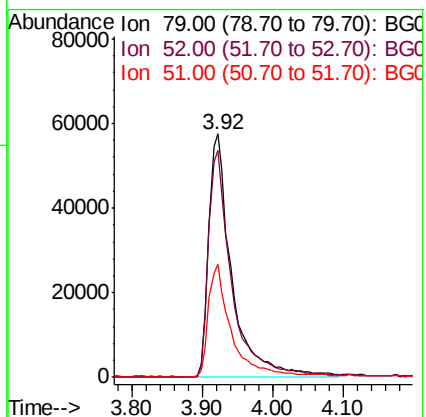
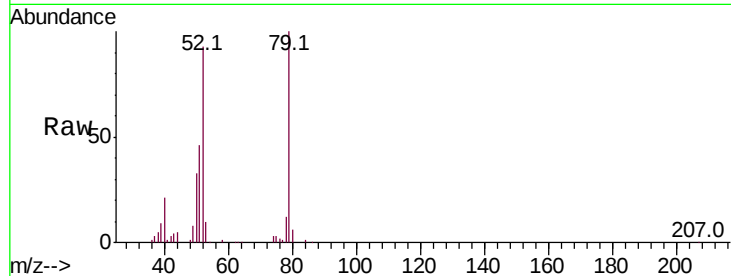
Tot Ion: 79 Resp: 131879

Ion Ratio Lower Upper

79 100

52 93.4 72.3 108.5

51 46.3 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 49.250 ng

RT: 3.84 min Scan# 94

Delta R.T. 0.00 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

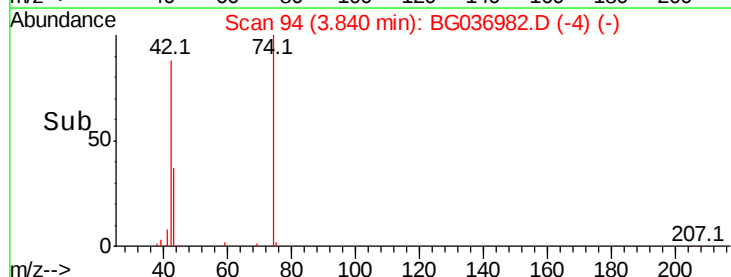
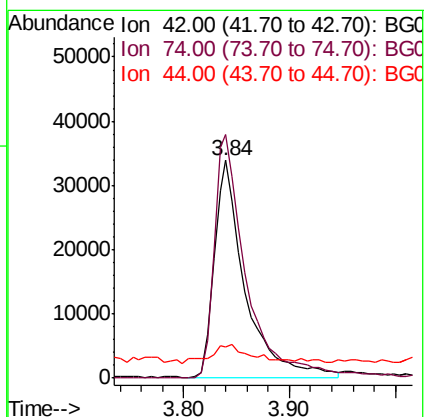
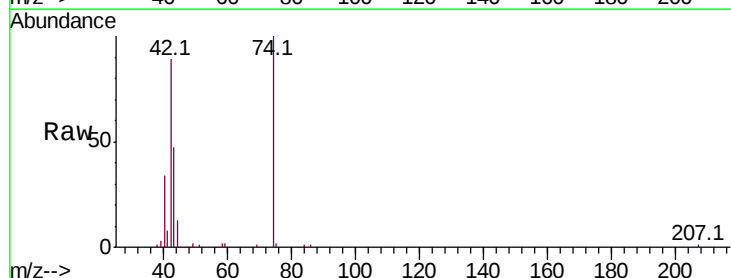
Tgt Ion: 42 Resp: 69568

Ion Ratio Lower Upper

42 100

74 111.8 96.6 145.0

44 14.1 7.0 10.4#





#5

2-Fluorophenol

Concen: 129.535 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Instrument :

BNA_G

ClientSampleId :

PB113205BS

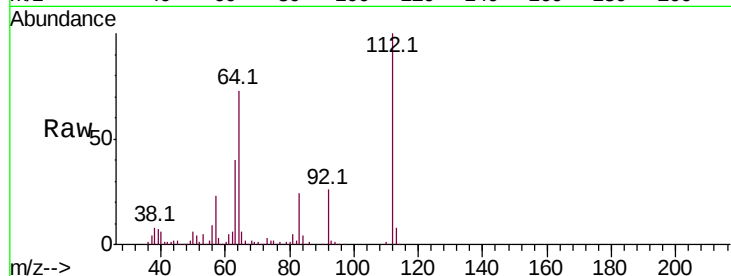
Tot Ion:112 Resp: 311588

Ion Ratio Lower Upper

112 100

64 72.8 57.2 85.8

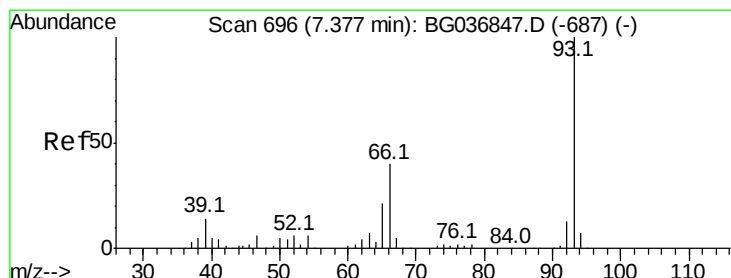
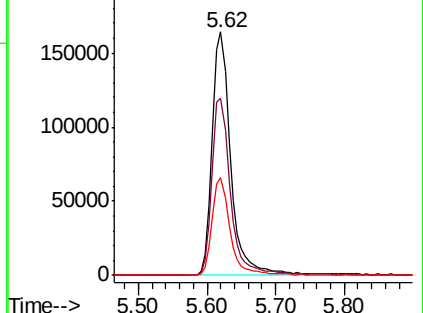
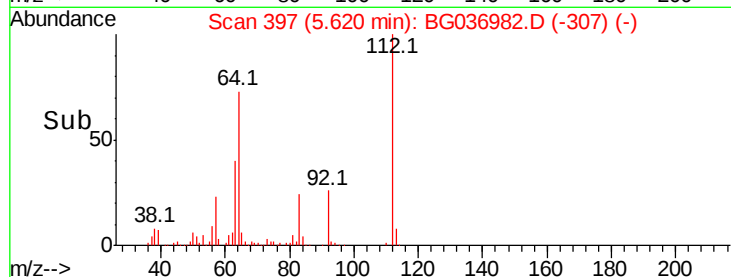
63 39.9 30.8 46.2



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: 31.567 ng

RT: 7.37 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

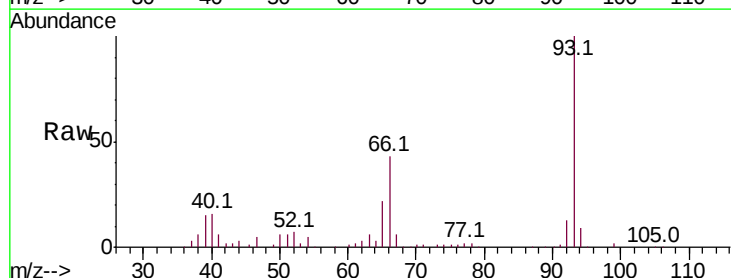
Tgt Ion: 93 Resp: 152437

Ion Ratio Lower Upper

93 100

66 43.2 35.0 52.4

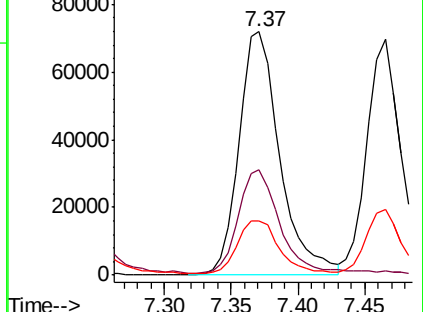
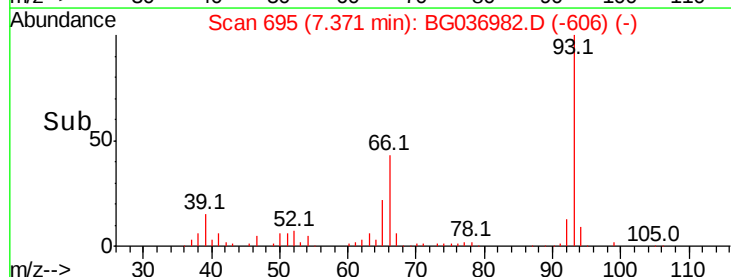
65 22.3 17.6 26.4

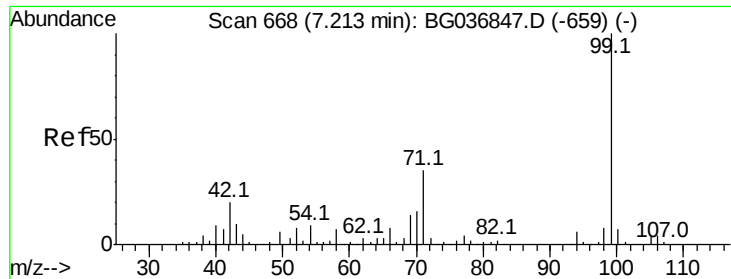


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.281 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Instrument :

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ClientSampleId :

PB113205BS

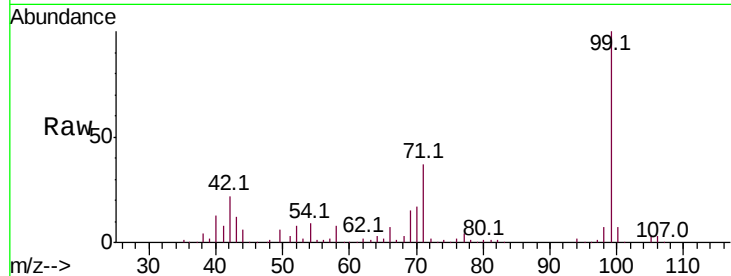
Tot Ion: 99 Resp: 429032

Ion Ratio Lower Upper

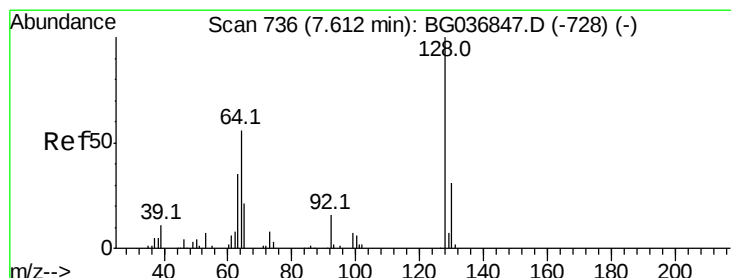
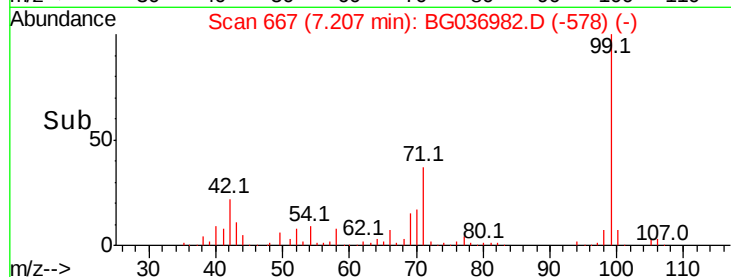
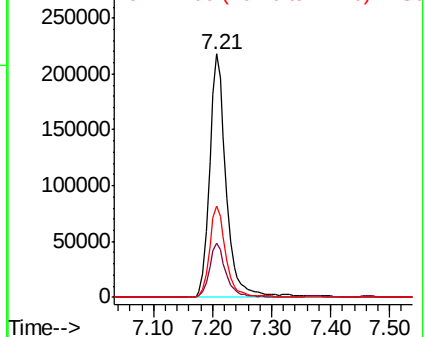
99 100

42 22.0 16.5 24.7

71 37.3 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: 45.915 ng

RT: 7.61 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

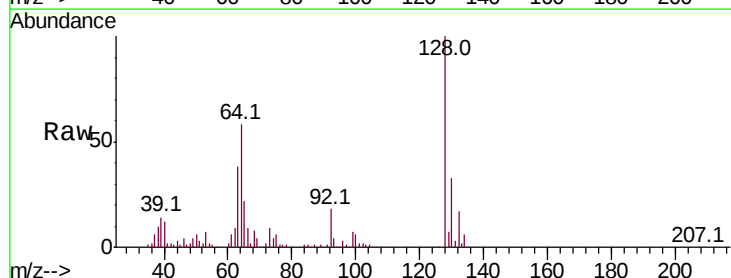
Tgt Ion: 128 Resp: 128241

Ion Ratio Lower Upper

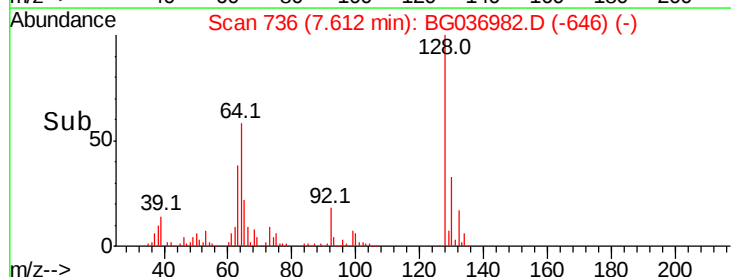
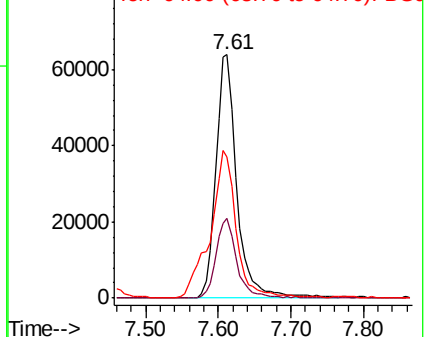
128 100

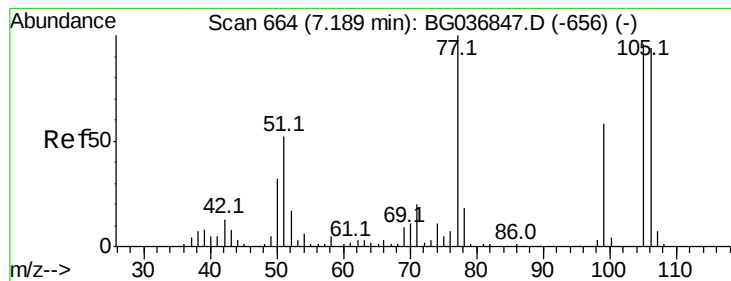
130 32.6 10.0 50.0

64 58.2 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: 26.072 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Instrument :

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ClientSampleId :

PB113205BS

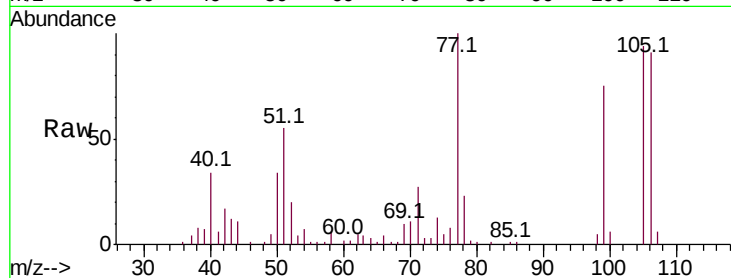
Tot Ion: 77 Resp: 64115

Ion Ratio Lower Upper

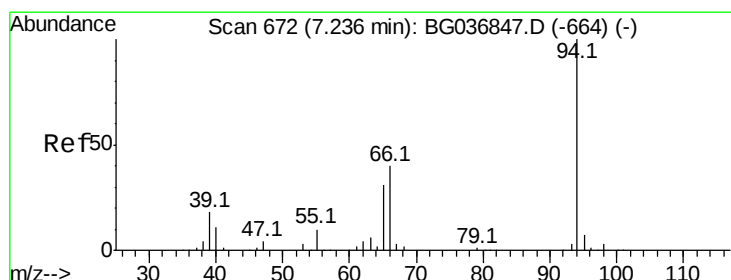
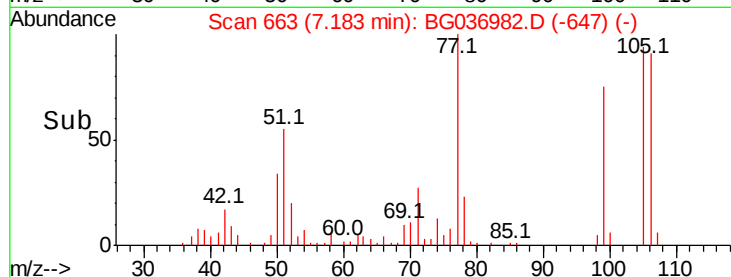
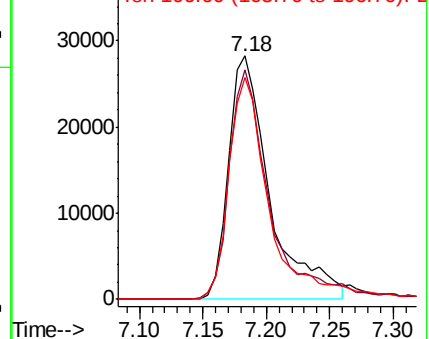
77 100

105 94.2 70.5 110.5

106 91.1 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: 43.807 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

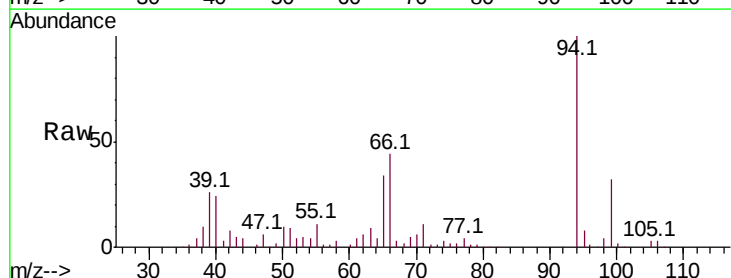
Tgt Ion: 94 Resp: 168260

Ion Ratio Lower Upper

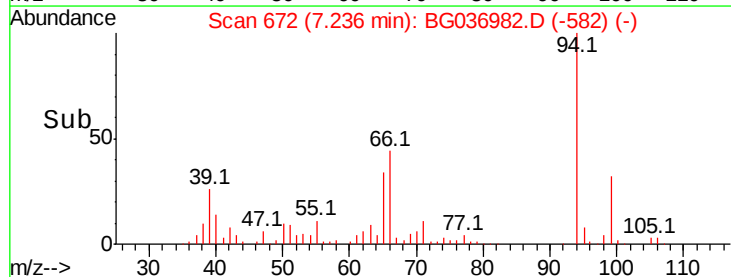
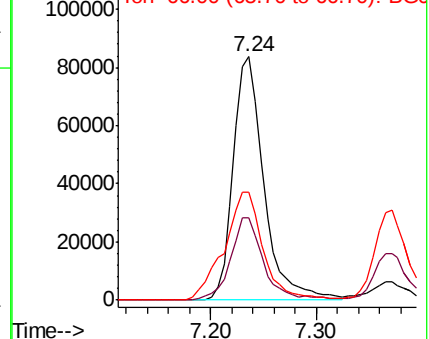
94 100

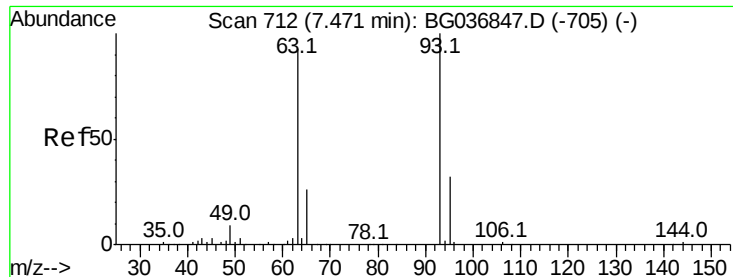
65 33.8 11.5 51.5

66 44.2 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: 36.813 ng

RT: 7.47 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Instrument :

BNA_G

ClientSampleId :

PB113205BS

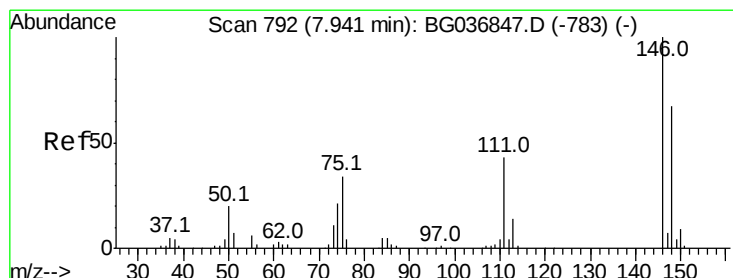
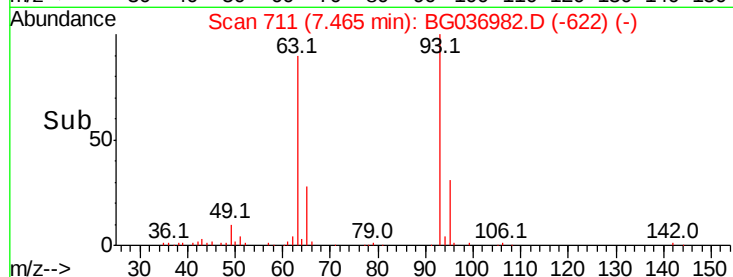
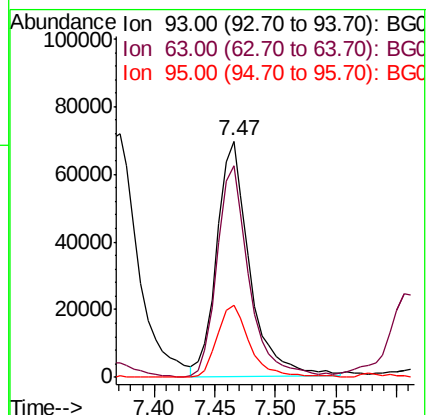
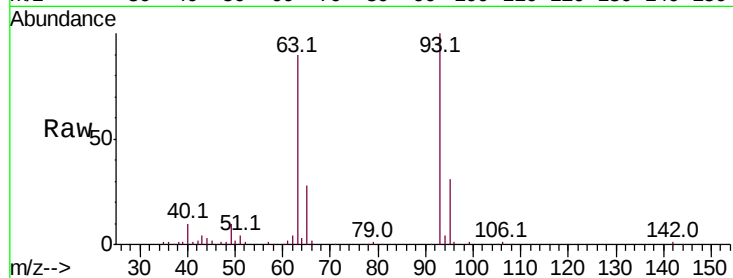
Tot Ion: 93 Resp: 130793

Ion Ratio Lower Upper

93 100

63 89.8 69.9 109.9

95 30.6 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 39.737 ng

RT: 7.93 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

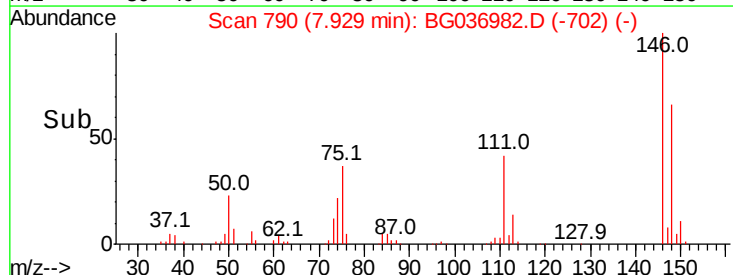
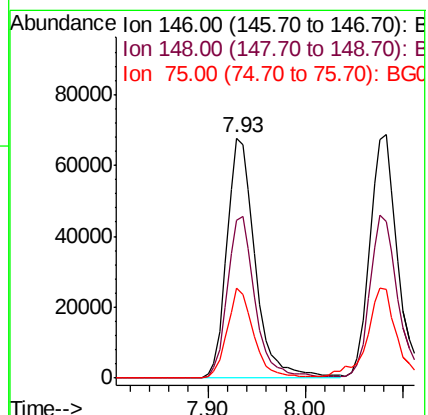
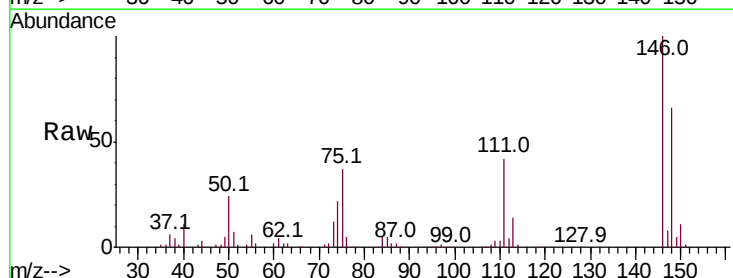
Tgt Ion: 146 Resp: 136066

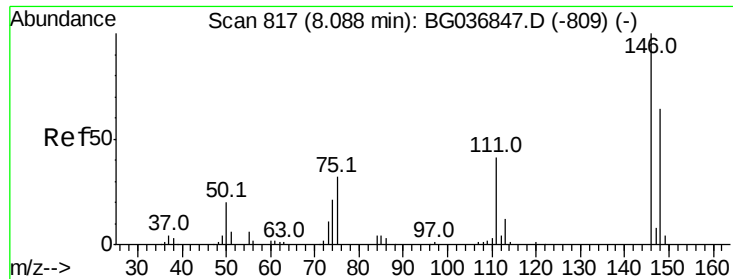
Ion Ratio Lower Upper

146 100

148 65.8 53.8 80.6

75 37.3 27.2 40.8





#13

1,4-Dichlorobenzene

Concen: 39.082 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Instrument :

BNA_G

ClientSampleId :

PB113205BS

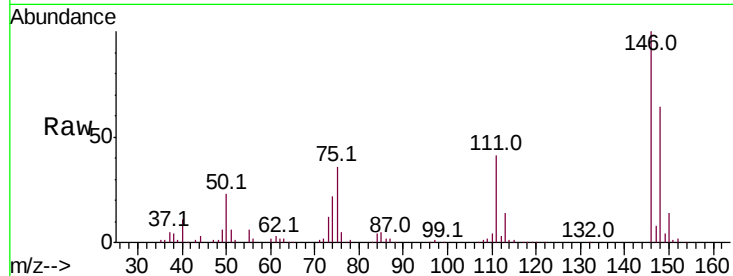
Tot Ion:146 Resp: 136949

Ion Ratio Lower Upper

146 100

148 64.4 53.9 80.9

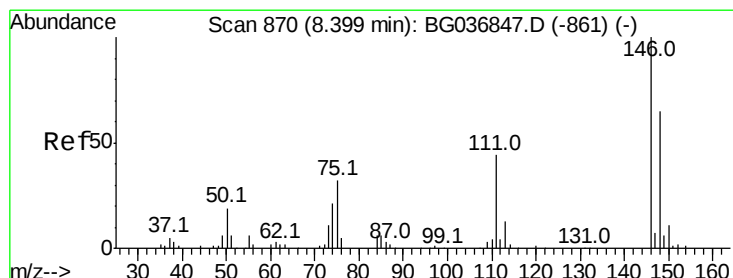
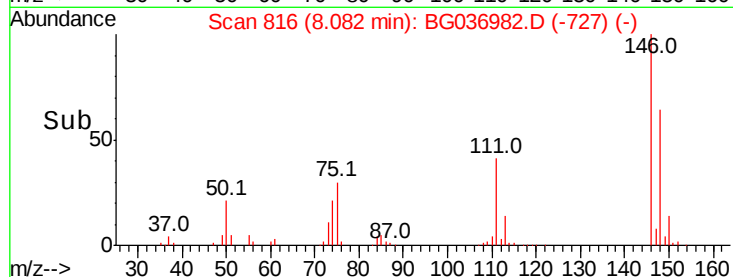
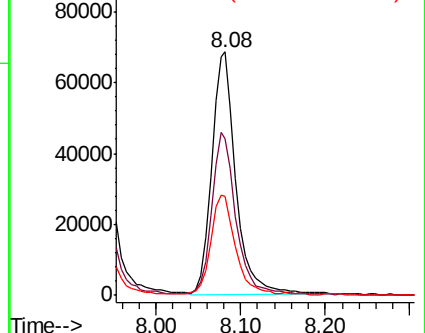
111 40.6 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.101 ng

RT: 8.39 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

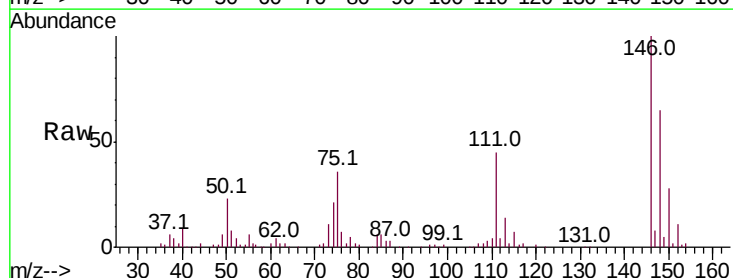
Tgt Ion:146 Resp: 132779

Ion Ratio Lower Upper

146 100

148 65.5 55.0 82.6

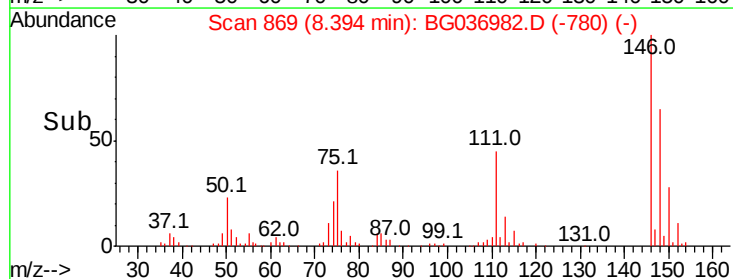
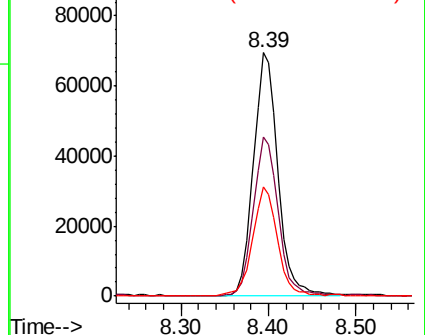
111 45.1 34.6 51.8

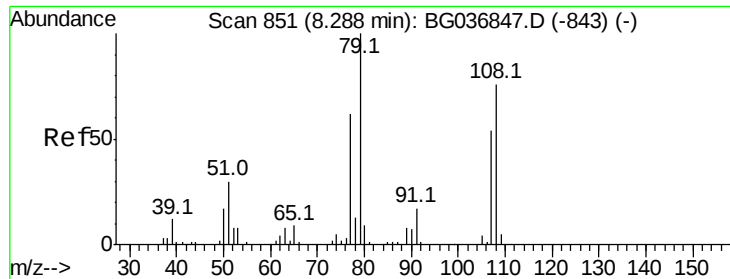


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.742 ng

RT: 8.28 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Instrument :

BNA_G

ClientSampleId :

PB113205BS

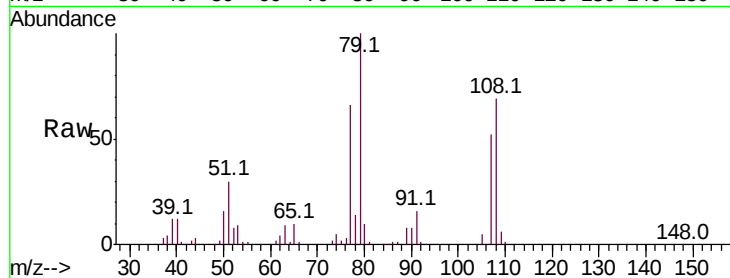
Tot Ion: 79 Resp: 116991

Ion Ratio Lower Upper

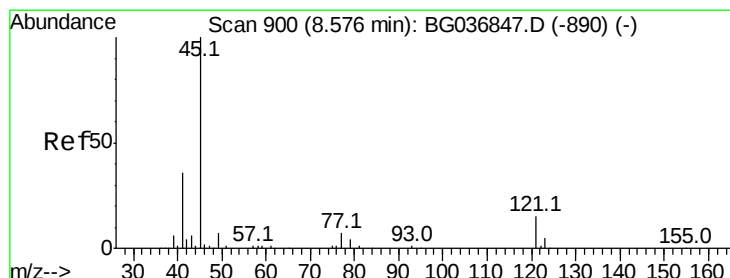
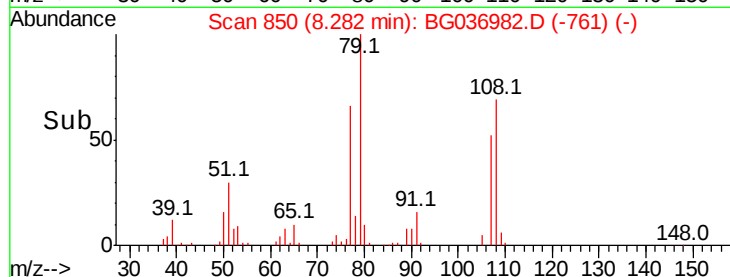
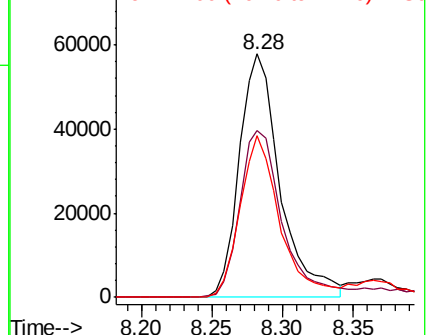
79 100

108 68.6 55.9 83.9

77 66.2 50.0 75.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.236 ng

RT: 8.57 min Scan# 899

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

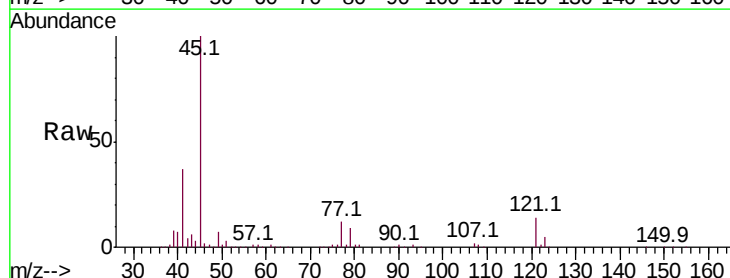
Tgt Ion: 45 Resp: 267632

Ion Ratio Lower Upper

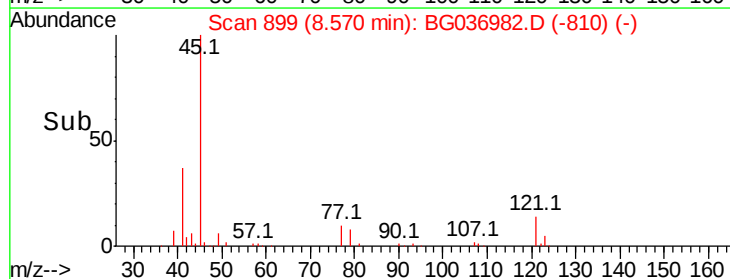
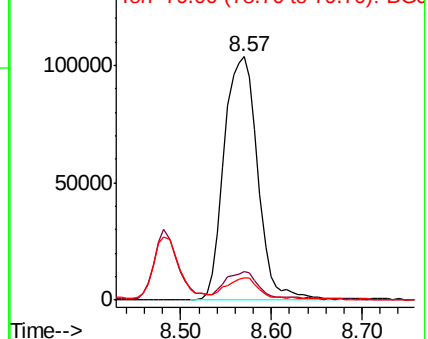
45 100

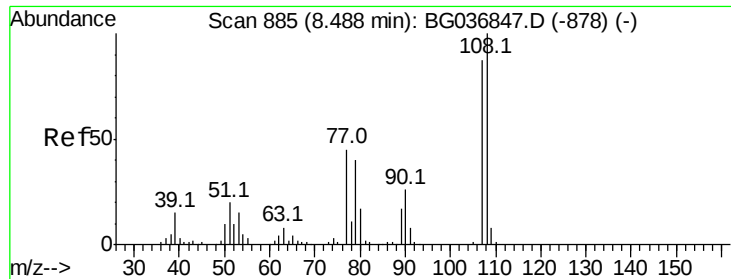
77 11.5 0.0 30.5

79 9.1 0.0 27.9



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

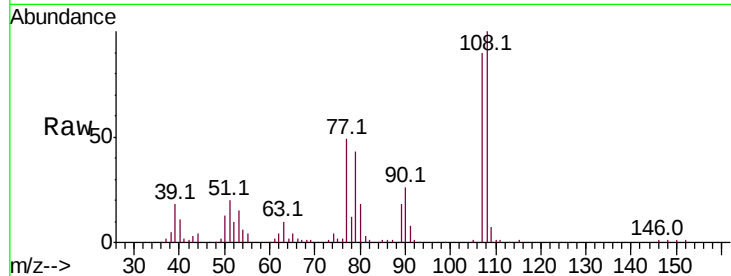




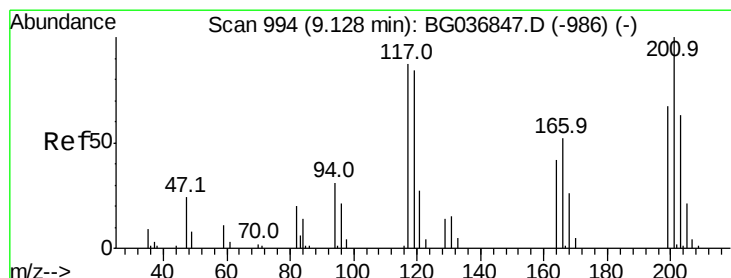
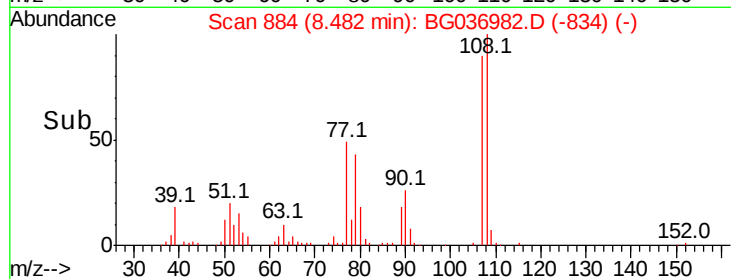
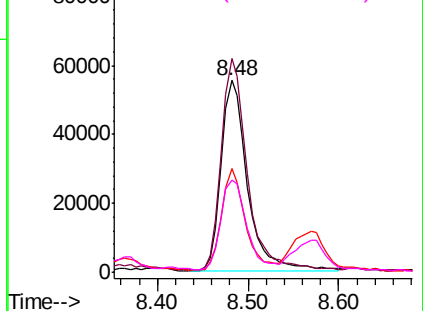
#17
2-Methylphenol
Concen: 41.499 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB113205BS

Tot Ion:	107	Resp:	111028
Ion	Ratio	Lower	Upper
107	100		
108	111.3	86.7	130.1
77	54.0	39.0	58.4
79	48.0	36.6	54.8

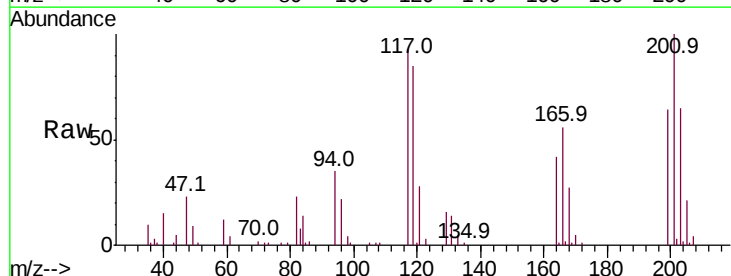


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

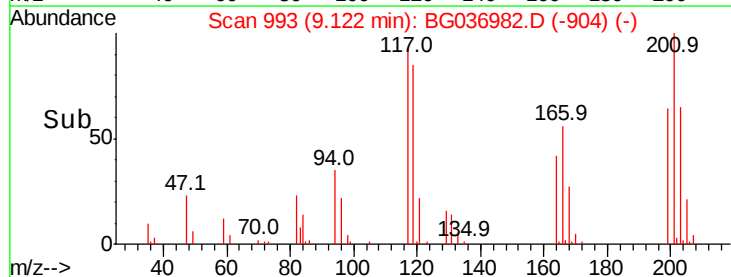
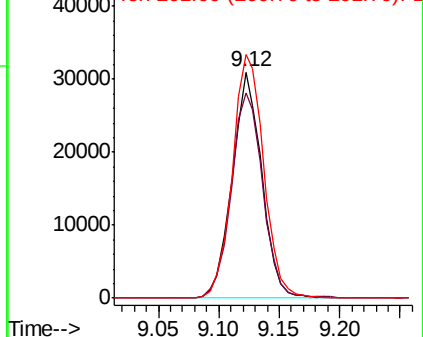


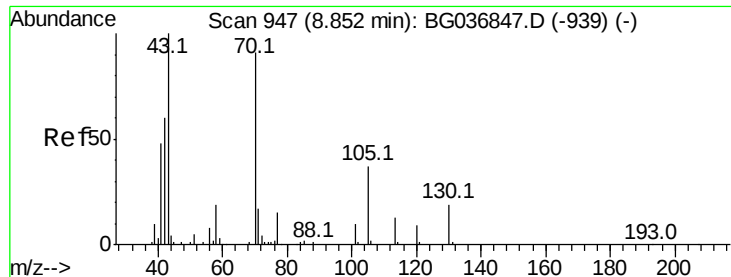
#18
Hexachloroethane
Concen: 40.772 ng
RT: 9.12 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Tgt Ion:	117	Resp:	52577
Ion	Ratio	Lower	Upper
117	100		
119	91.2	76.8	115.2
201	107.9	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

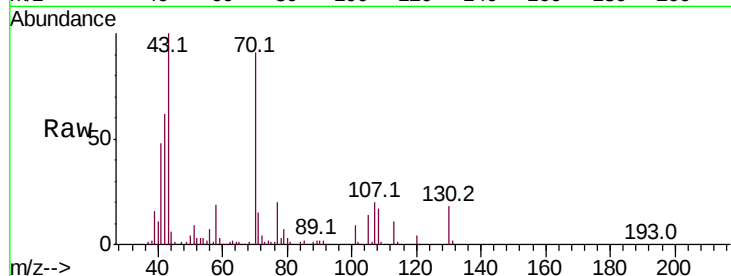




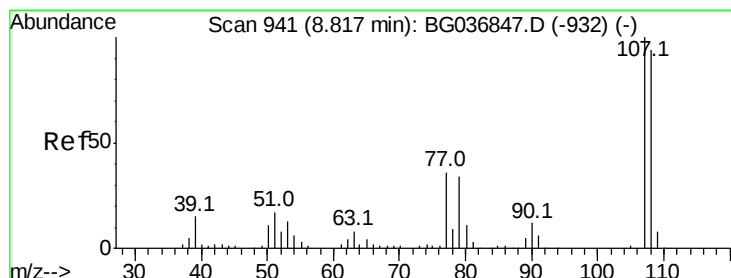
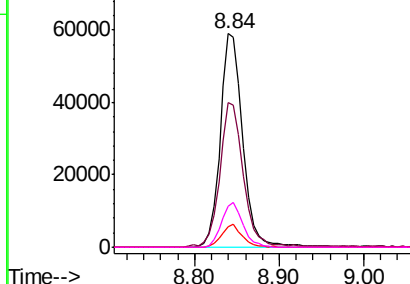
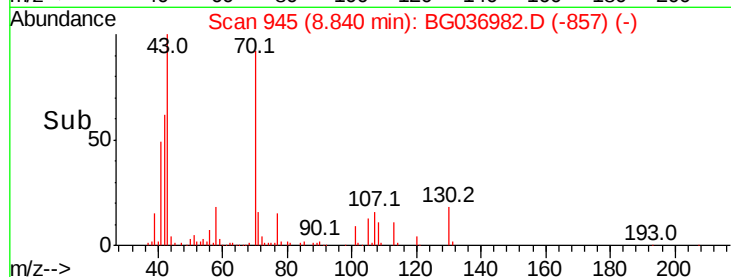
#19
n-Nitroso-di-n-propylamine
Concen: 35.230 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB113205BS

Tot Ion: 70 Resp: 109072
Ion Ratio Lower Upper
70 100
42 68.0 56.2 84.4
101 9.5 7.8 11.6
130 19.2 16.2 24.2

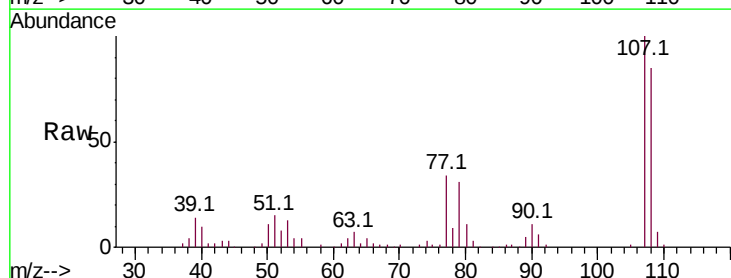


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

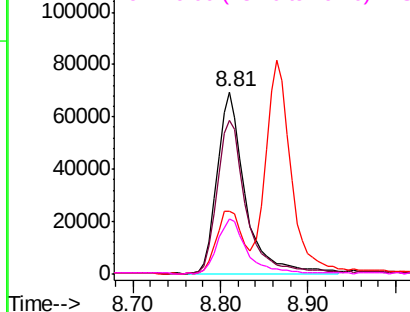
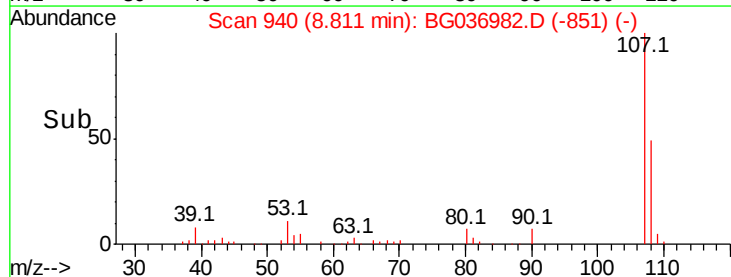


#20
3+4-Methylphenols
Concen: 41.088 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Tgt Ion: 107 Resp: 152929
Ion Ratio Lower Upper
107 100
108 84.5 68.0 108.0
77 34.4 15.6 55.6
79 30.6 9.9 49.9



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Instrument :

BNA_G

ClientSampleId :

PB113205BS

Tot Ion:136 Resp: 197797

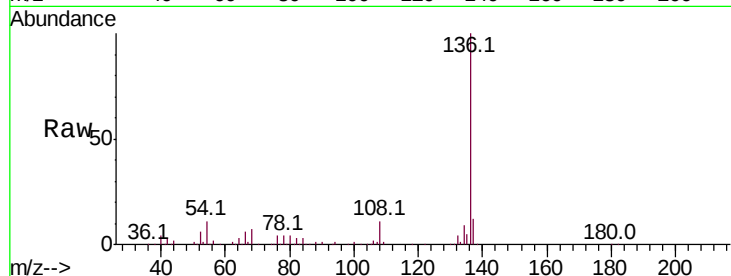
Ion Ratio Lower Upper

136 100

137 11.9 8.8 13.2

54 11.1 9.2 13.8

68 6.6 5.8 8.6

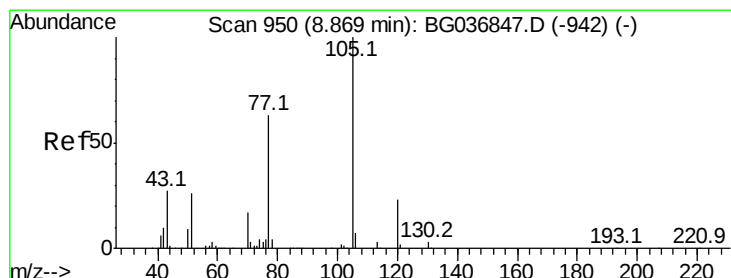
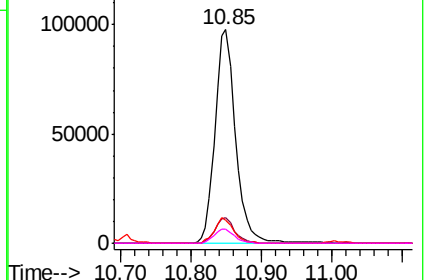
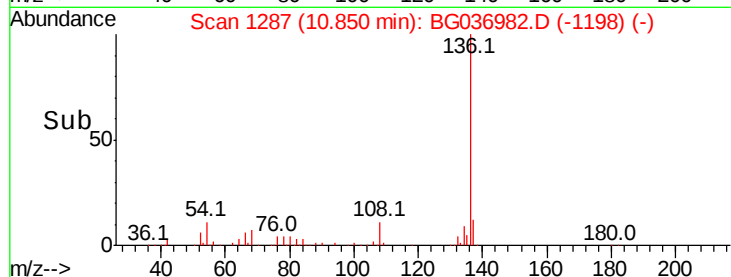


Abundance Ion 136.00 (135.70 to 136.70): E

150000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 42.563 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Tgt Ion:105 Resp: 197841

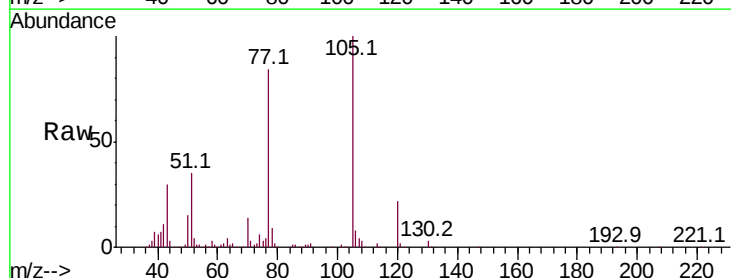
Ion Ratio Lower Upper

105 100

71 2.7 2.4 3.6

51 35.4 25.9 38.9

120 21.9 19.4 29.0

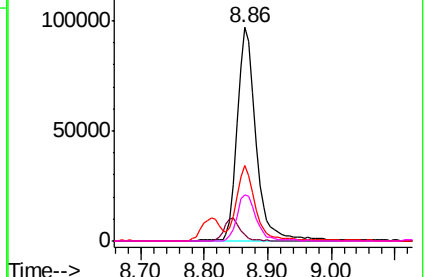
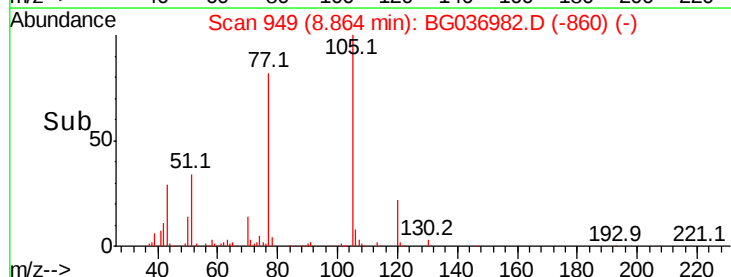


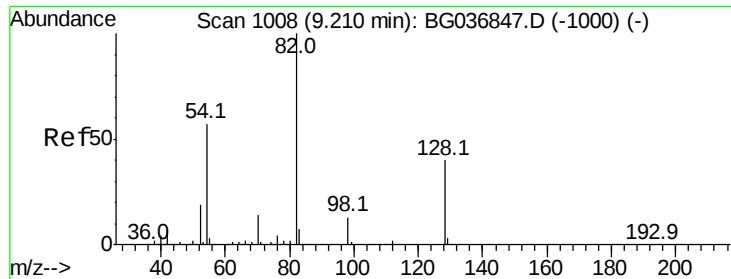
Abundance Ion 105.00 (104.70 to 105.70): E

150000 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

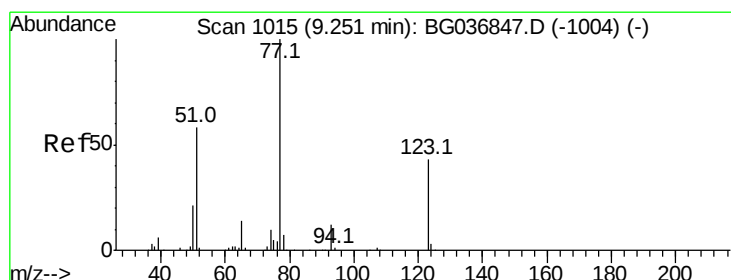
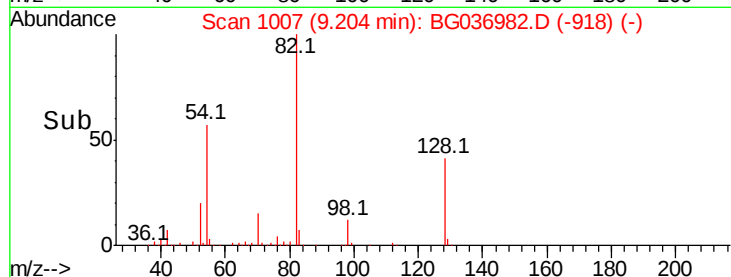
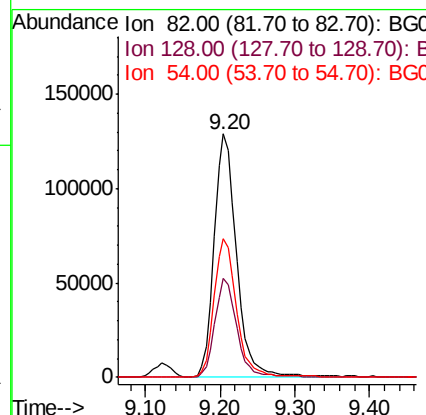
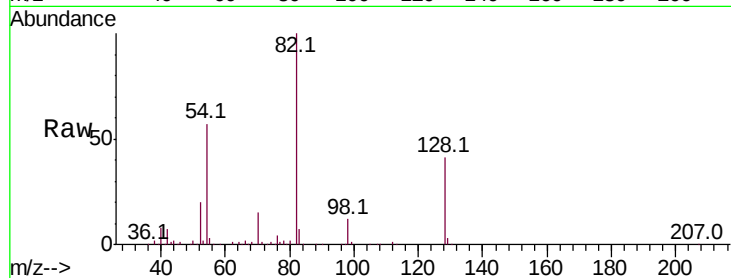




#23
Nitrobenzene-d5
Concen: 72.365 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

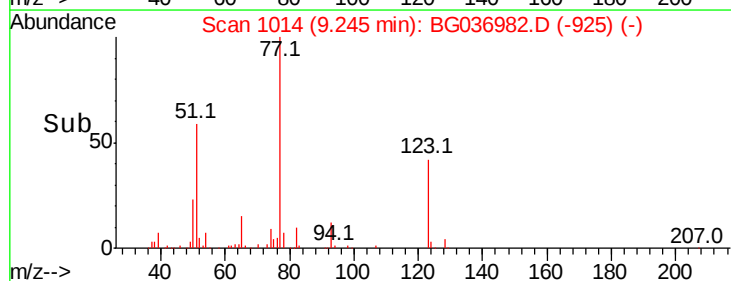
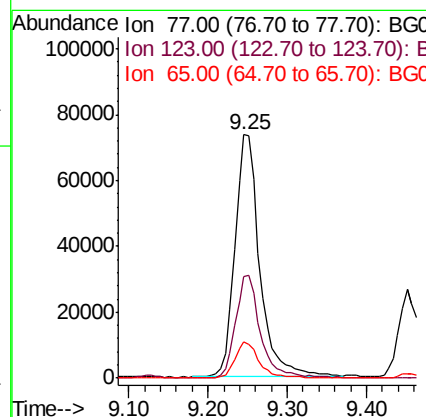
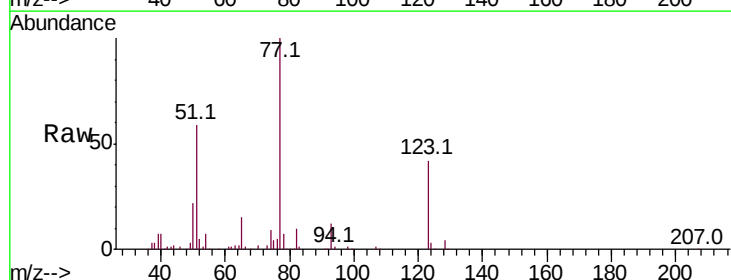
Instrument :
BNA_G
ClientSampleId :
PB113205BS

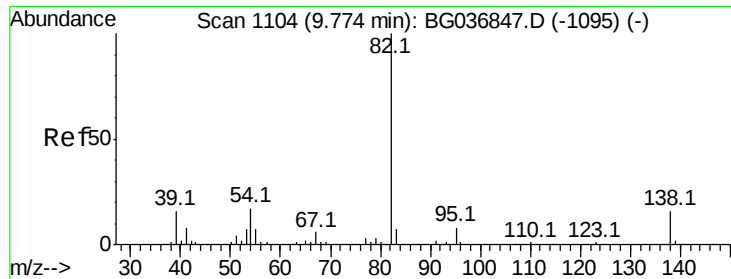
Tot Ion: 82 Resp: 267287
Ion Ratio Lower Upper
82 100
128 40.7 33.3 49.9
54 56.9 45.1 67.7



#24
Nitrobenzene
Concen: 40.517 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Tgt Ion: 77 Resp: 159818
Ion Ratio Lower Upper
77 100
123 41.9 32.4 48.6
65 15.1 11.5 17.3





#25

Isophorone

Concen: 44.402 ng

RT: 9.77 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Instrument :

BNA_G

ClientSampleId :

PB113205BS

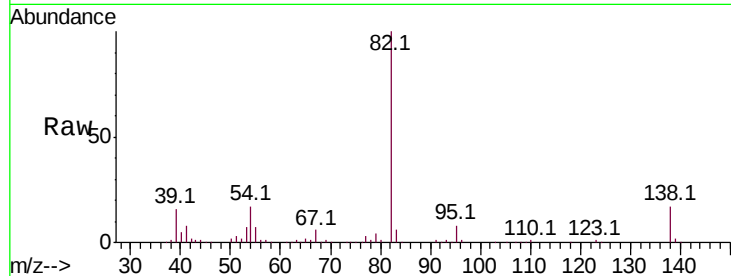
Tot Ion: 82 Resp: 299669

Ion Ratio Lower Upper

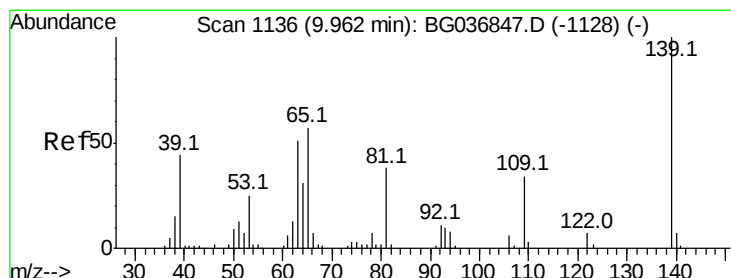
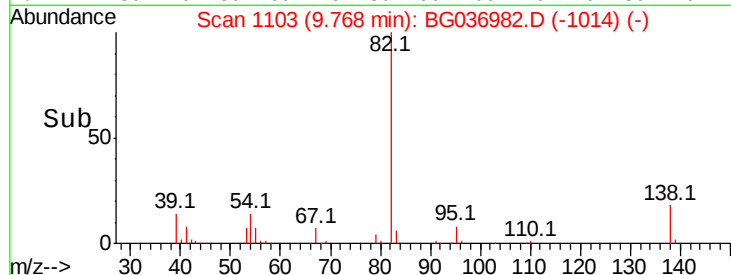
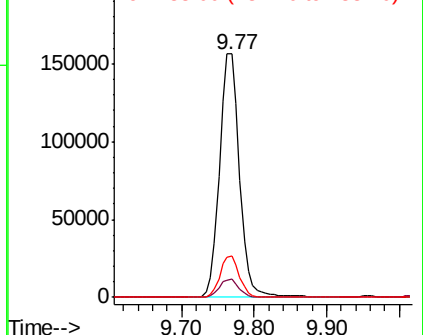
82 100

95 7.8 5.8 8.8

138 16.8 12.9 19.3



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



#26

2-Nitrophenol

Concen: 44.184 ng

RT: 9.96 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

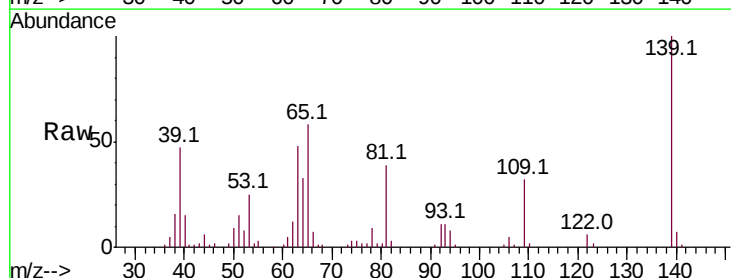
Tgt Ion: 139 Resp: 69467

Ion Ratio Lower Upper

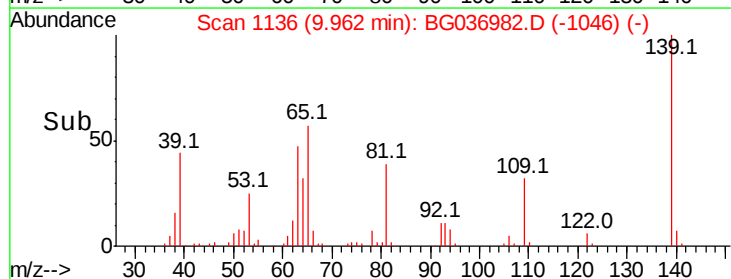
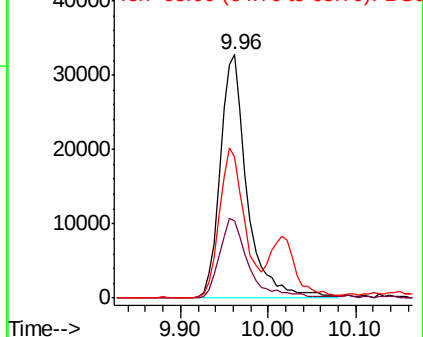
139 100

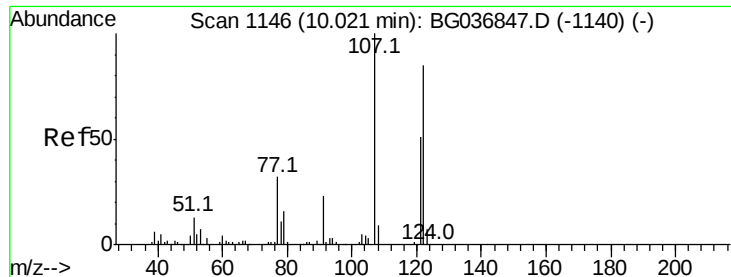
109 31.7 27.4 41.0

65 57.9 47.8 71.6



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

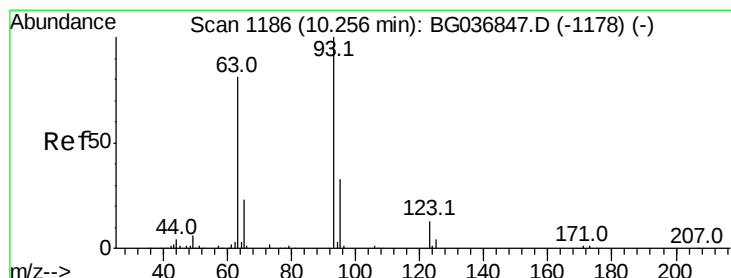
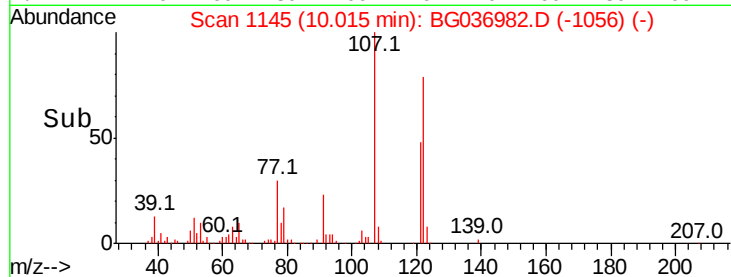
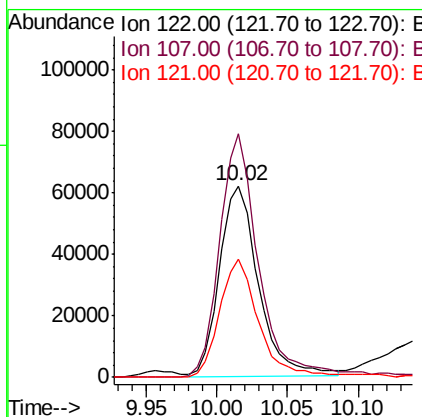
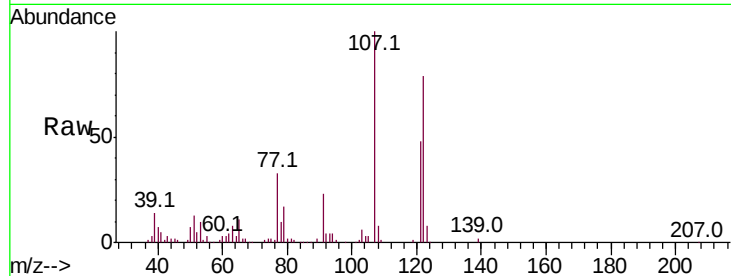




#27
 2,4-Dimethylphenol
 Concen: 48.911 ng
 RT: 10.02 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BG036982.D
 Acq: 26 Sep 2018 15:18

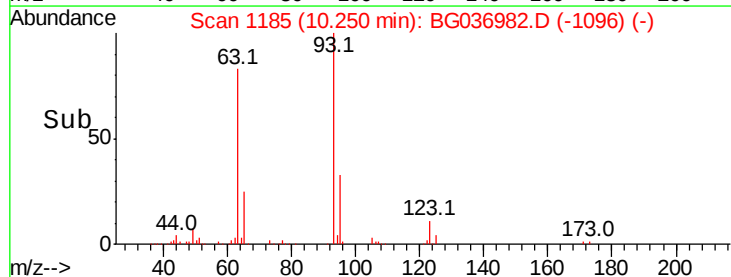
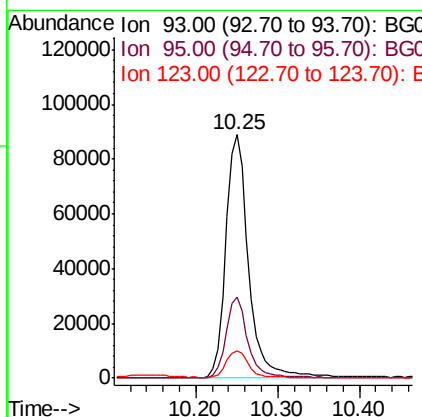
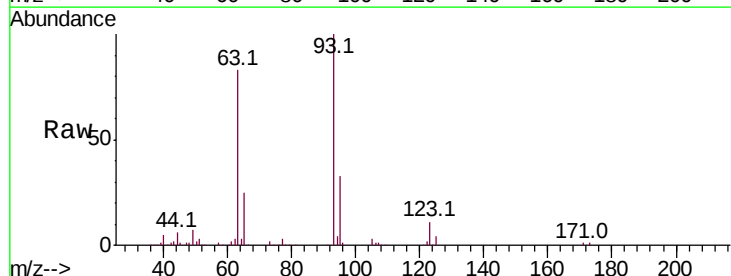
Instrument :
 BNA_G
 ClientSampleId :
 PB113205BS

Tot Ion:122 Resp: 119787
 Ion Ratio Lower Upper
 122 100
 107 127.1 96.0 144.0
 121 61.6 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.484 ng
 RT: 10.25 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BG036982.D
 Acq: 26 Sep 2018 15:18

Tgt Ion: 93 Resp: 172761
 Ion Ratio Lower Upper
 93 100
 95 33.1 25.2 37.8
 123 11.4 8.6 12.8

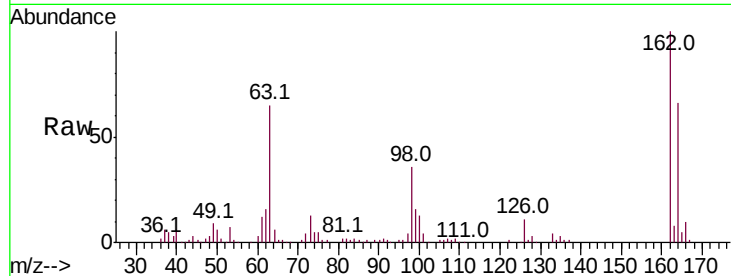




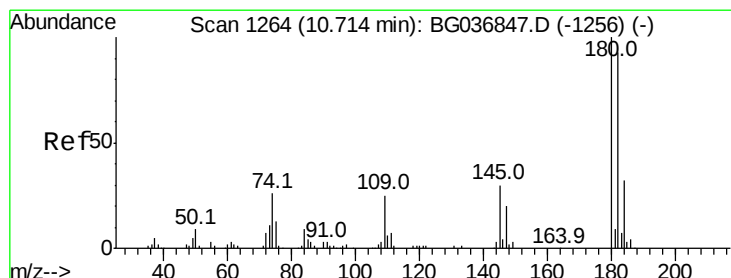
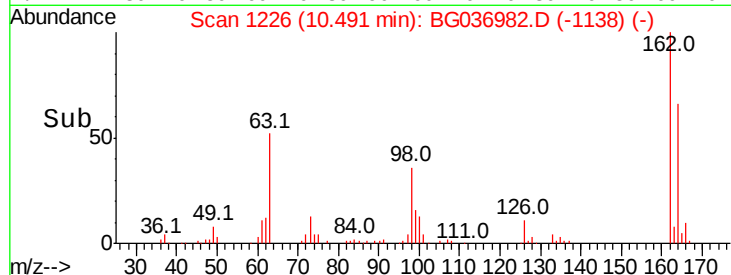
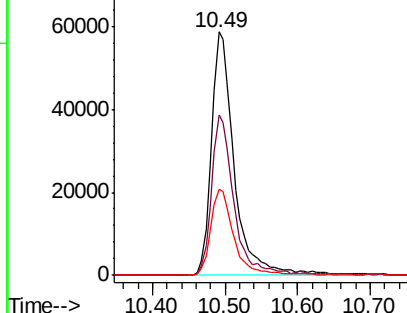
#29
 2,4-Dichlorophenol
 Concen: 45.179 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG036982.D
 Acq: 26 Sep 2018 15:18

Instrument :
 BNA_G
 ClientSampleId :
 PB113205BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	47.6	87.6
98	35.6	19.2	59.2

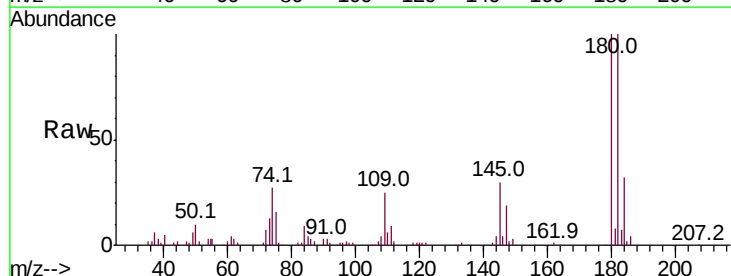


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

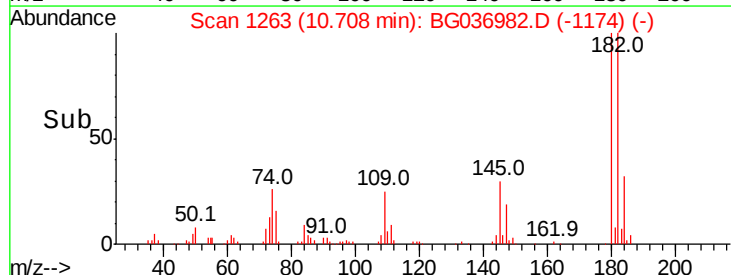
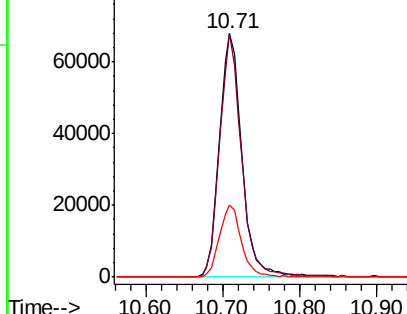


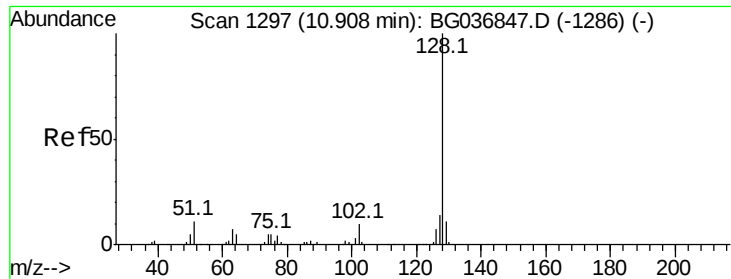
#30
 1,2,4-Trichlorobenzene
 Concen: 38.698 ng
 RT: 10.71 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG036982.D
 Acq: 26 Sep 2018 15:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.2	76.0	114.0
145	29.7	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

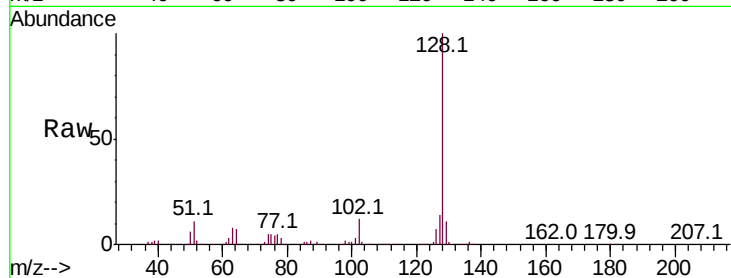




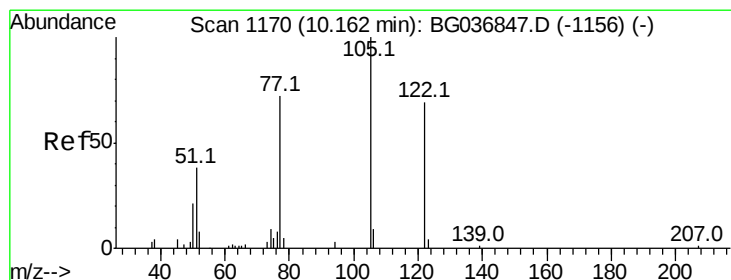
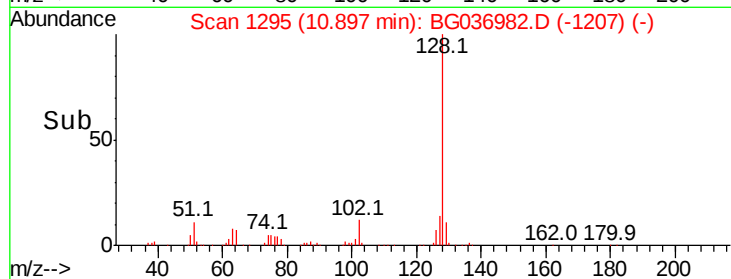
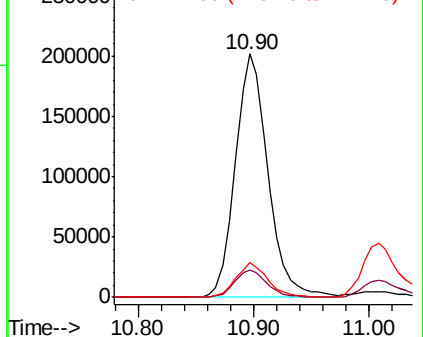
#31
Naphthalene
Concen: 41.986 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB113205BS

Tot Ion:128 Resp: 395146
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 14.2 11.0 16.4

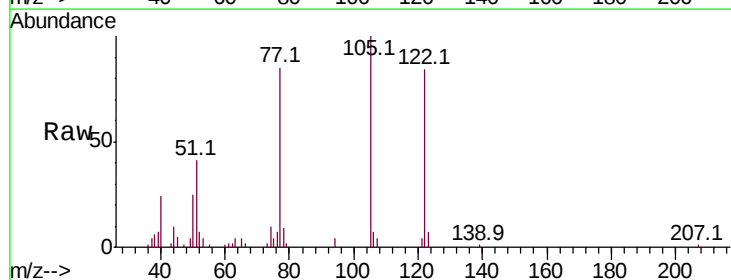


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

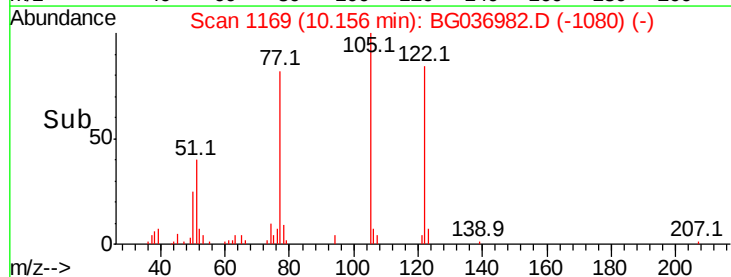
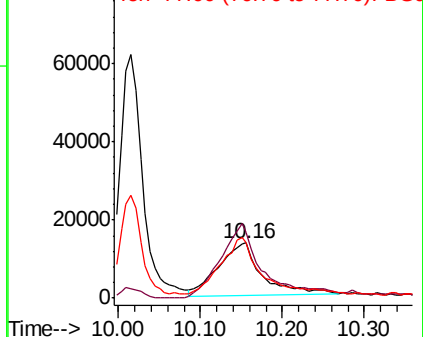


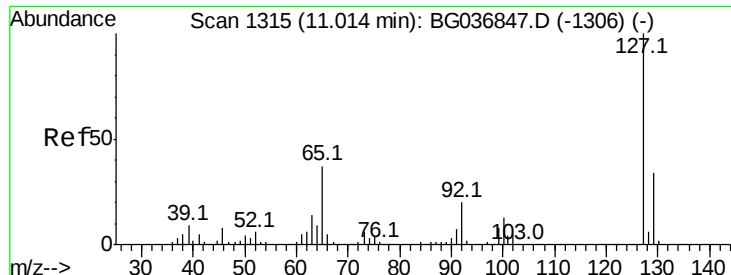
#32
Benzoic acid
Concen: 29.551 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Tgt Ion:122 Resp: 50675
Ion Ratio Lower Upper
122 100
105 119.7 108.1 148.1
77 101.2 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): BG

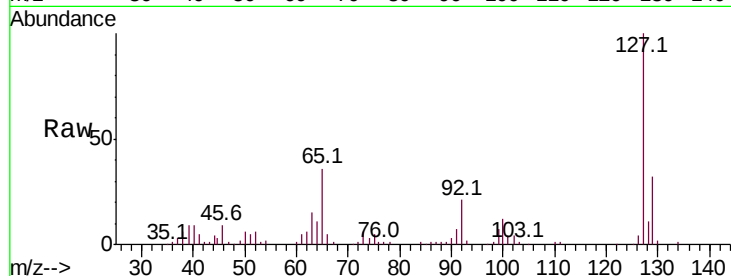




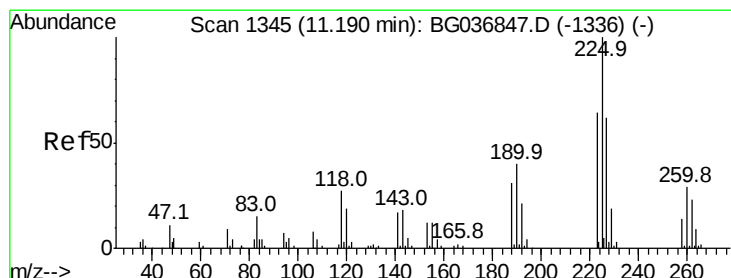
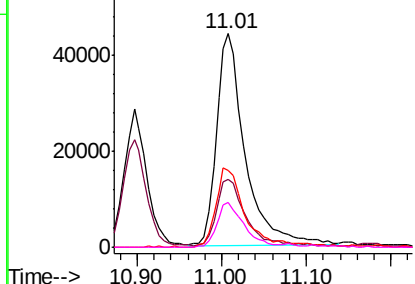
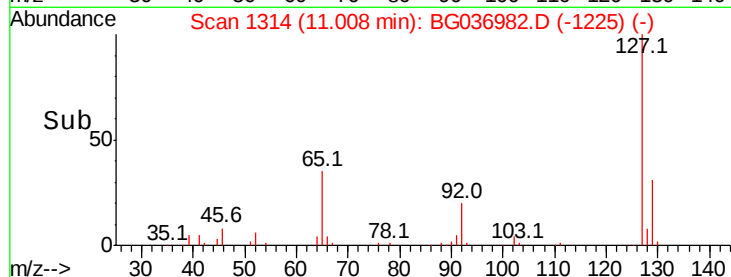
#33
4-Chloroaniline
Concen: 24.108 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB113205BS

Tot Ion:127 Resp: 103158
Ion Ratio Lower Upper
127 100
129 31.7 25.9 38.9
65 35.7 27.5 41.3
92 20.9 16.2 24.2

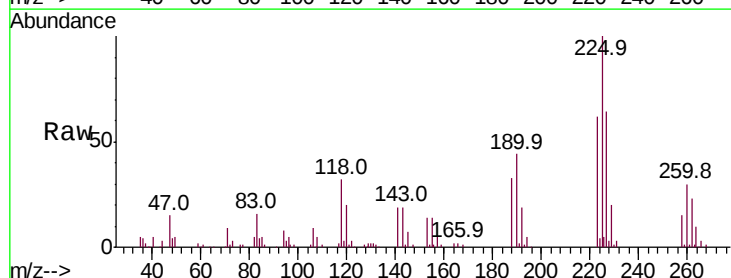


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

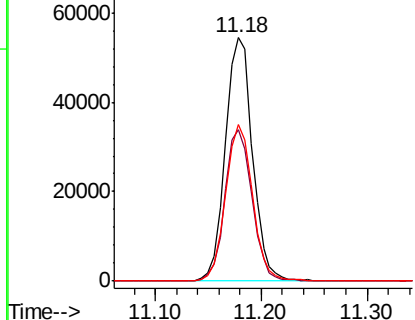
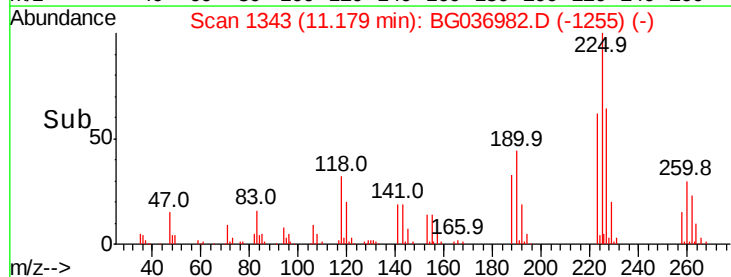


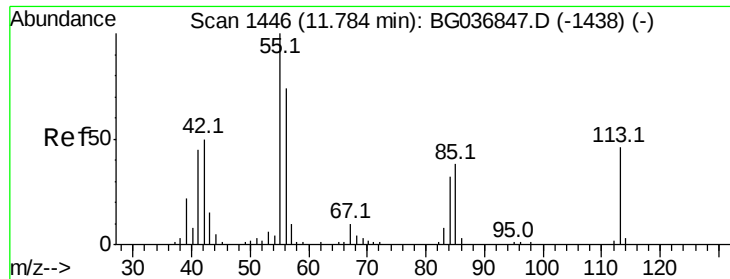
#34
Hexachlorobutadiene
Concen: 39.310 ng
RT: 11.18 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Tgt Ion:225 Resp: 96584
Ion Ratio Lower Upper
225 100
223 62.5 51.8 77.8
227 64.4 49.8 74.6



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





#35

Caprolactam

Concen: 37.509 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Instrument :

BNA_G

ClientSampleId :

PB113205BS

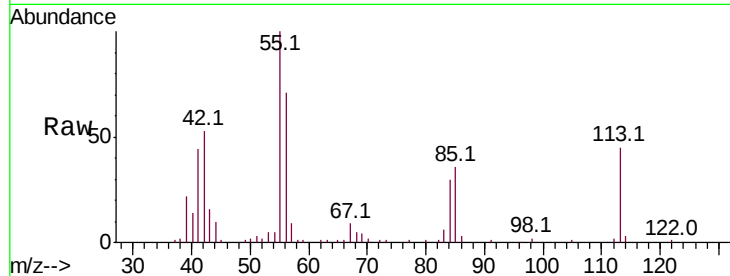
Tot Ion:113 Resp: 43830

Ion Ratio Lower Upper

113 100

55 223.7 197.7 237.7

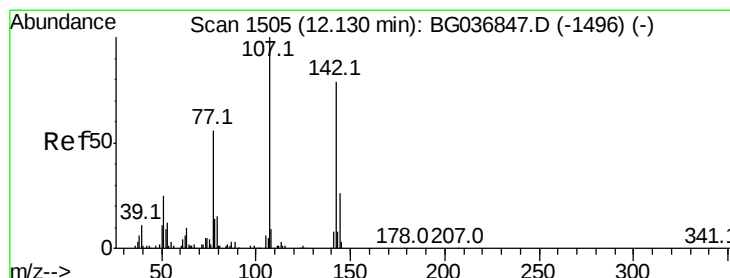
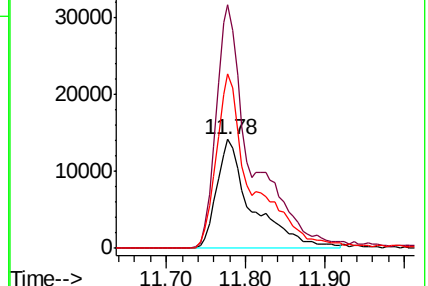
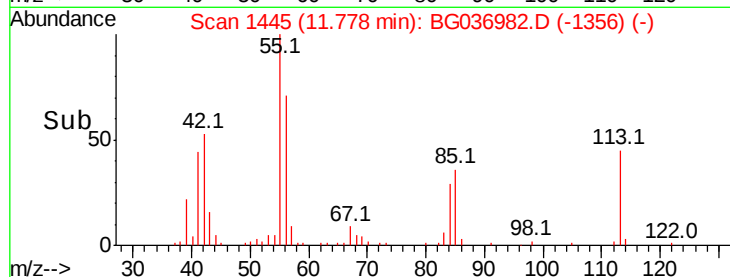
56 159.9 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 41.089 ng

RT: 12.12 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

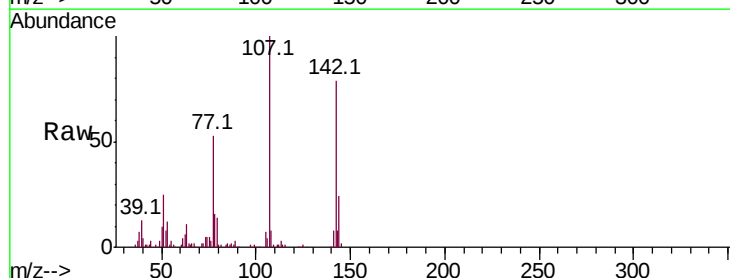
Tgt Ion:107 Resp: 139189

Ion Ratio Lower Upper

107 100

144 23.5 19.5 29.3

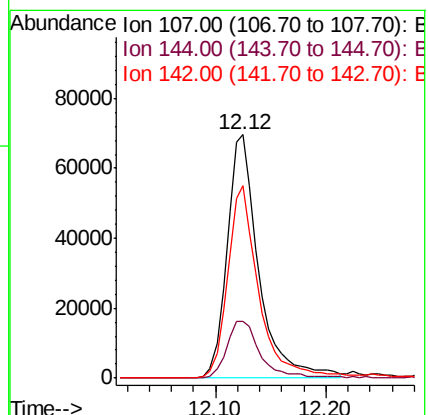
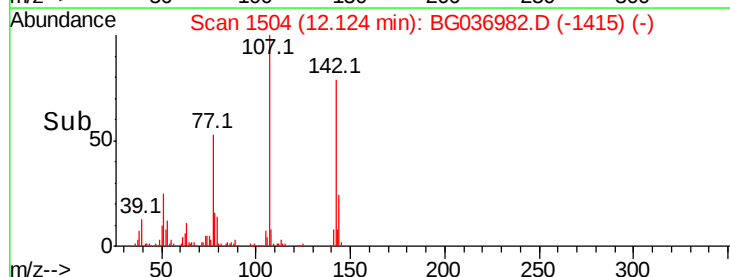
142 78.9 62.4 93.6

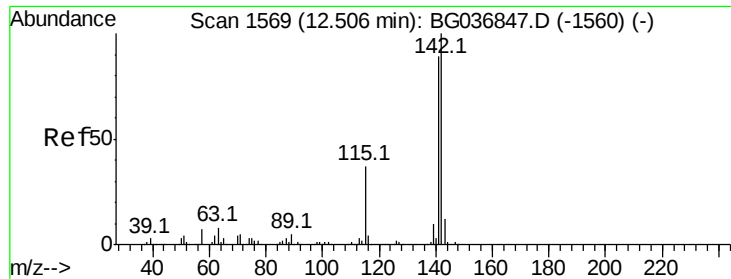


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

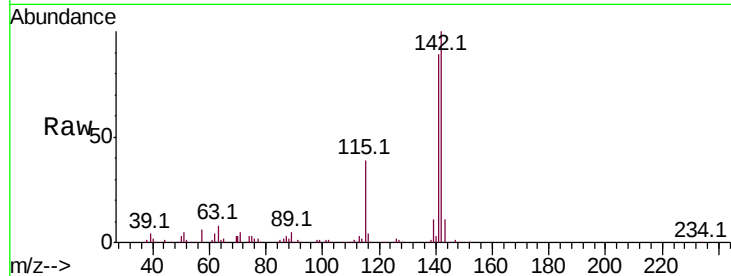




#37
2-Methylnaphthalene
Concen: 41.929 ng
RT: 12.50 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB113205BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	68.5	102.7
115	39.4	29.8	44.8

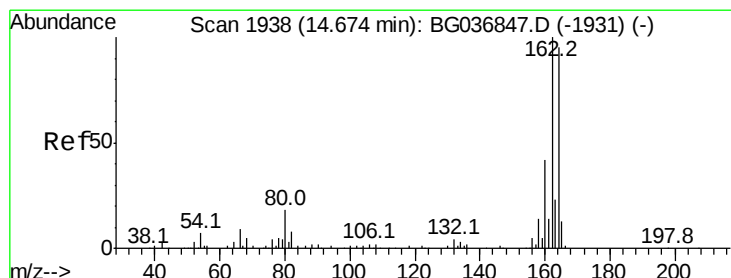
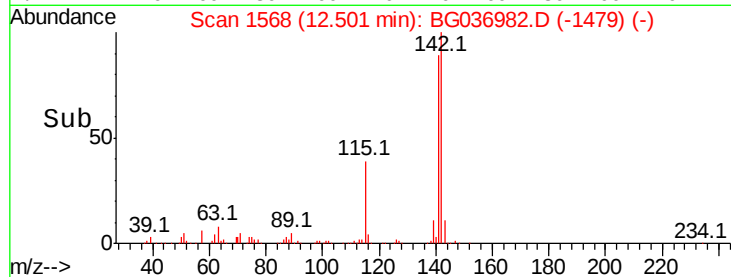
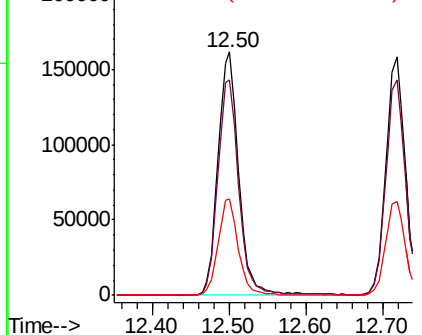


Abundance

Ion 142.00 (141.70 to 142.70): E

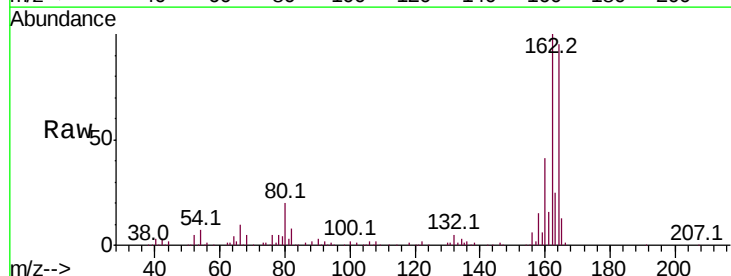
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.7	121.1
160	43.3	35.3	52.9

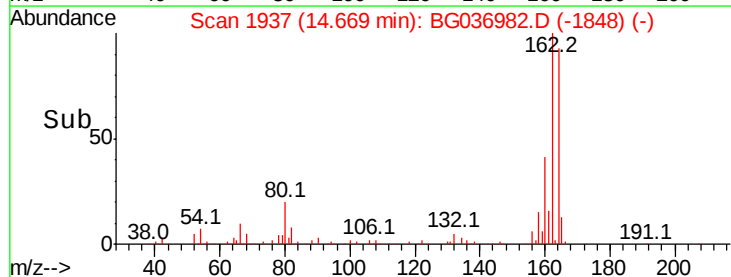
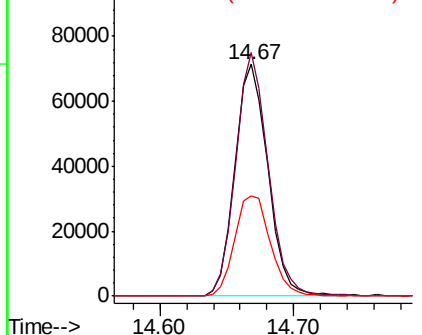


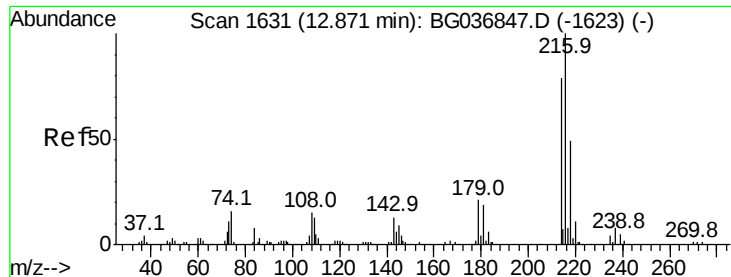
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.588 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Instrument :

BNA_G

ClientSampleId :

PB113205BS

Tot Ion:216 Resp: 172953

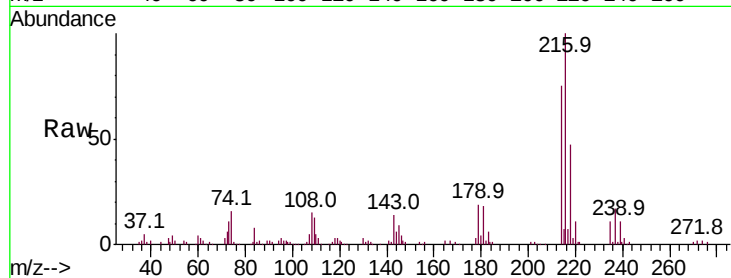
Ion Ratio Lower Upper

216 100

214 75.8 61.0 91.6

179 18.7 15.7 23.5

108 18.1 13.1 19.7

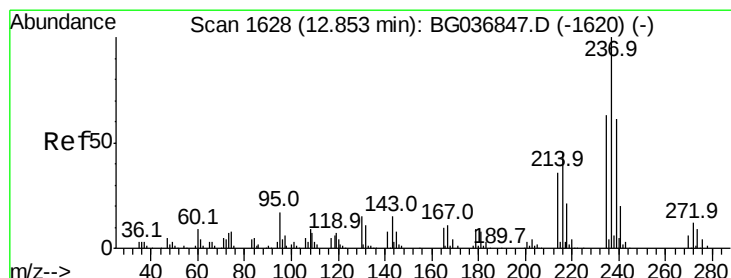
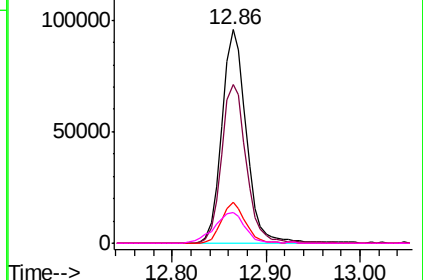
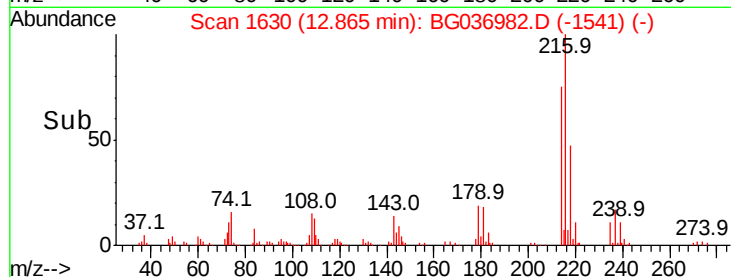


Abundance Ion 216.00 (215.70 to 216.70): E

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: 98.035 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

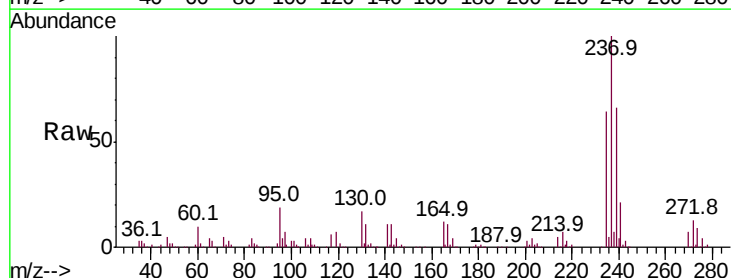
Tgt Ion:237 Resp: 214846

Ion Ratio Lower Upper

237 100

235 64.0 42.2 82.2

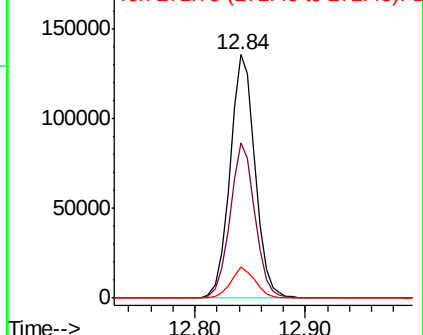
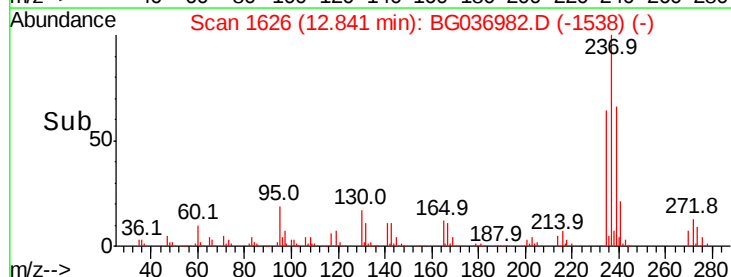
272 12.9 0.0 32.1



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

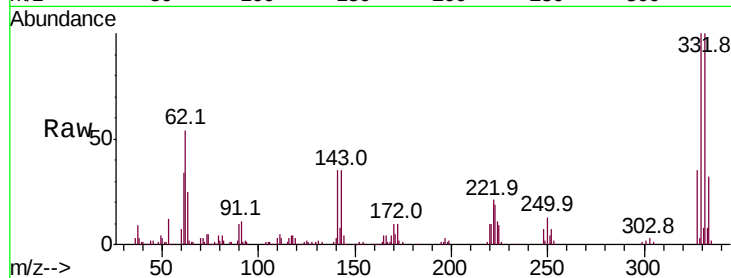




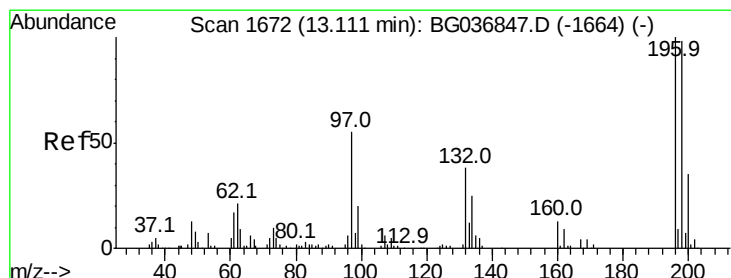
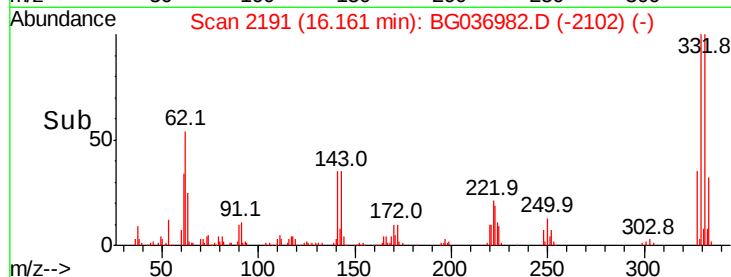
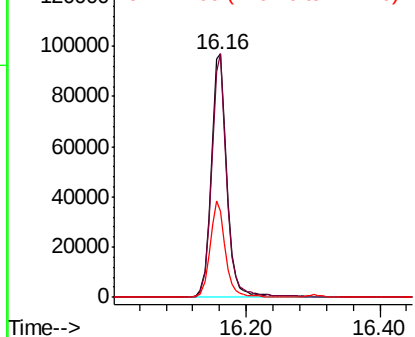
#41
 2,4,6-Tribromophenol
 Concen: 109.705 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036982.D
 Acq: 26 Sep 2018 15:18

Instrument :
 BNA_G
 ClientSampleId :
 PB113205BS

Tot Ion:330 Resp: 160357
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.4 113.2
 141 38.1 30.7 46.1

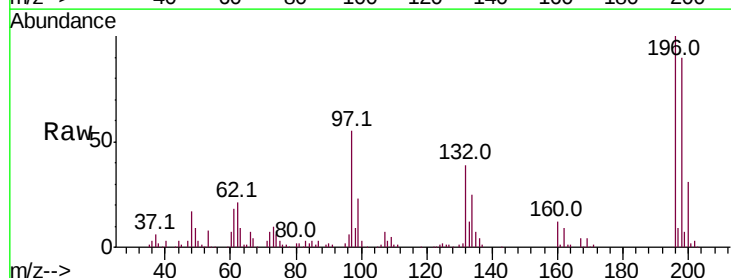


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

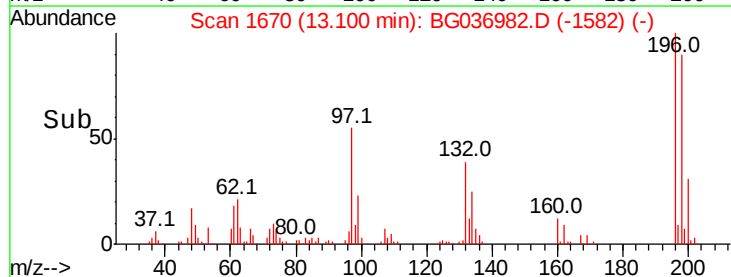
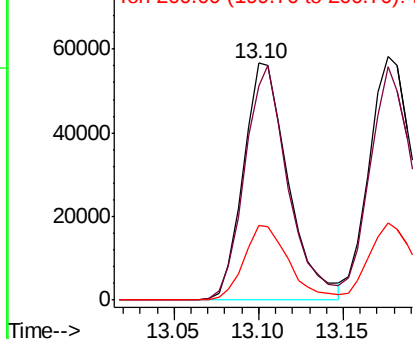


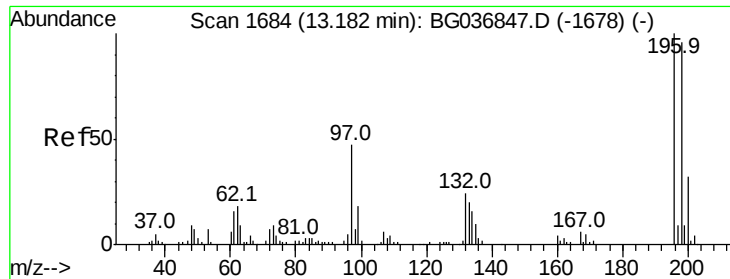
#42
 2,4,6-Trichlorophenol
 Concen: 44.325 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BG036982.D
 Acq: 26 Sep 2018 15:18

Tgt Ion:196 Resp: 104882
 Ion Ratio Lower Upper
 196 100
 198 90.4 77.2 115.8
 200 31.5 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

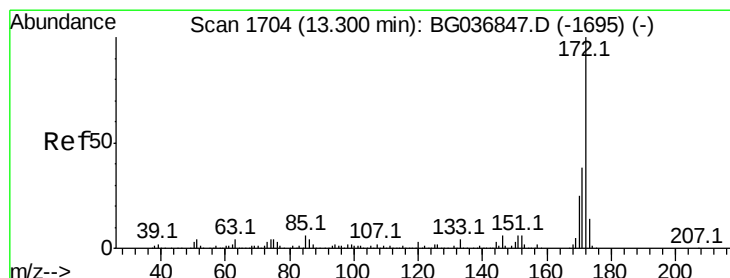
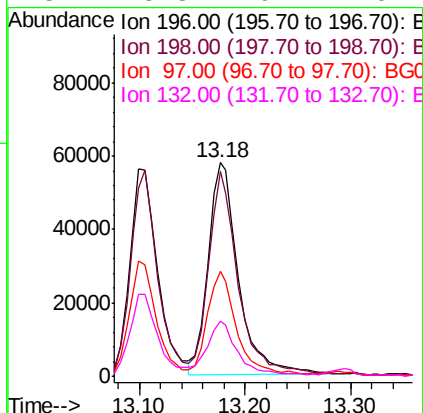
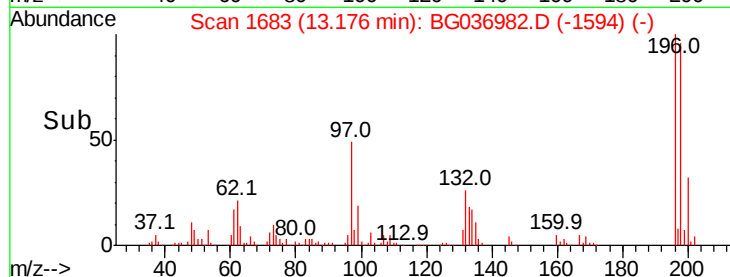
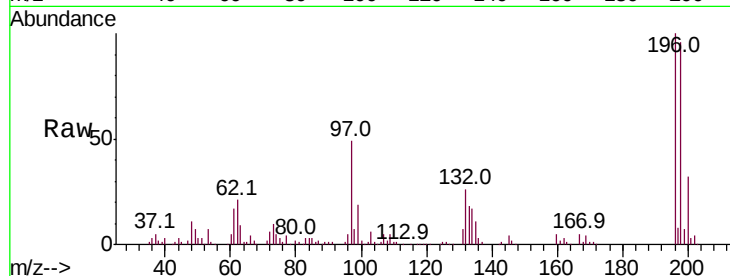




#43
 2,4,5-Trichlorophenol
 Concen: 45.984 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG036982.D
 Acq: 26 Sep 2018 15:18

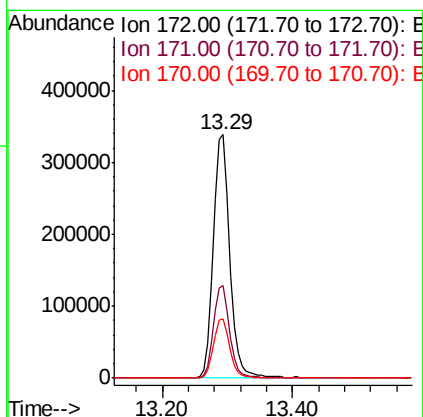
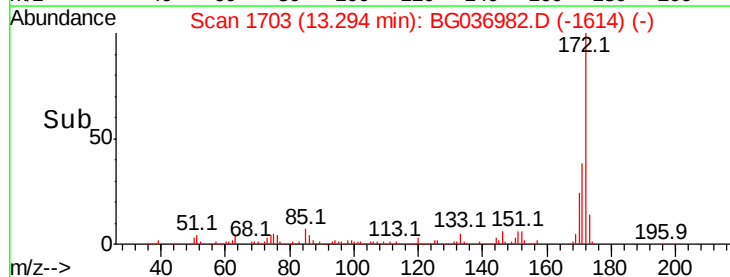
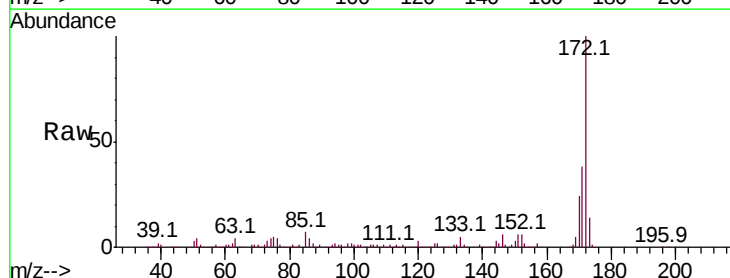
Instrument :
 BNA_G
 ClientSampleId :
 PB113205BS

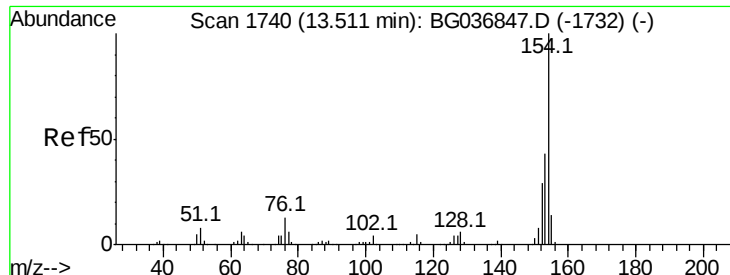
Tot Ion:	196	Resp:	116024
Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.6	113.4
97	49.1	37.2	55.8
132	25.8	19.4	29.2



#44
 2-Fluorobiphenyl
 Concen: 72.734 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036982.D
 Acq: 26 Sep 2018 15:18

Tgt Ion:	172	Resp:	596621
Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	24.5	21.0	31.6

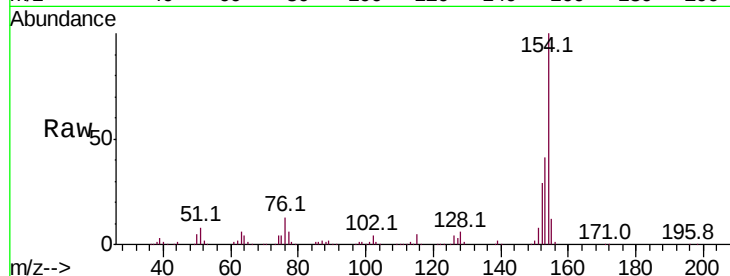




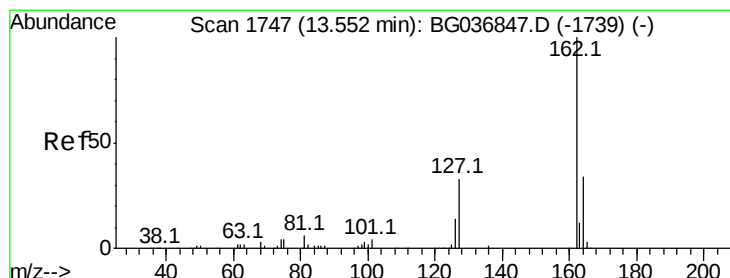
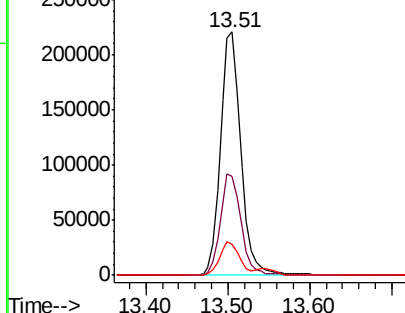
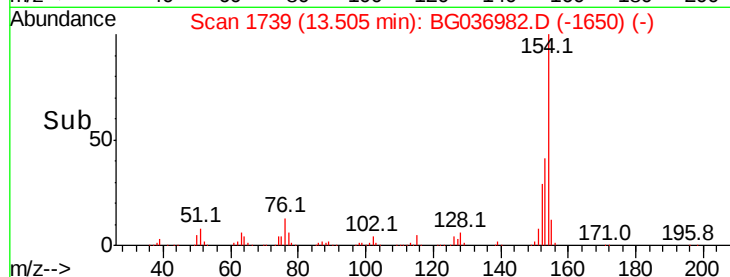
#45
1,1'-Biphenyl
Concen: 41.053 ng
RT: 13.51 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB113205BS

Tot Ion:154 Resp: 384121
Ion Ratio Lower Upper
154 100
153 40.9 24.0 64.0
76 12.9 0.0 32.9

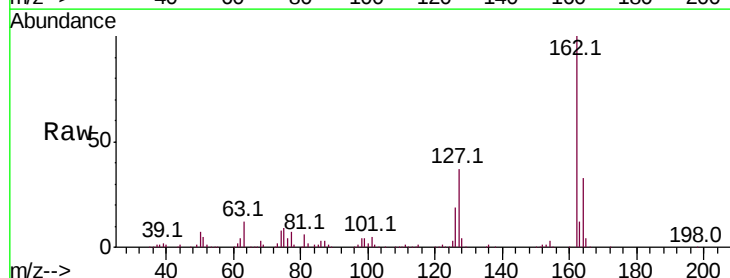


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

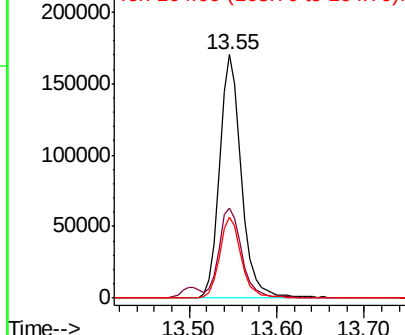
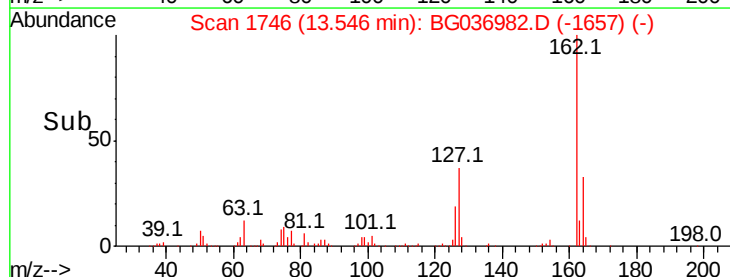


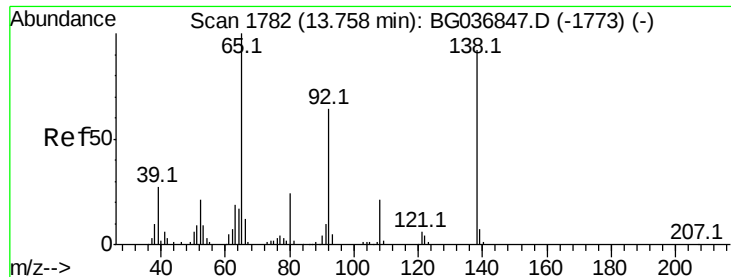
#46
2-Chloronaphthalene
Concen: 40.017 ng
RT: 13.55 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Tgt Ion:162 Resp: 294453
Ion Ratio Lower Upper
162 100
127 36.9 30.7 46.1
164 33.1 26.7 40.1



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





#47

2-Nitroaniline

Concen: 42.368 ng

RT: 13.75 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Instrument :

BNA_G

ClientSampleId :

PB113205BS

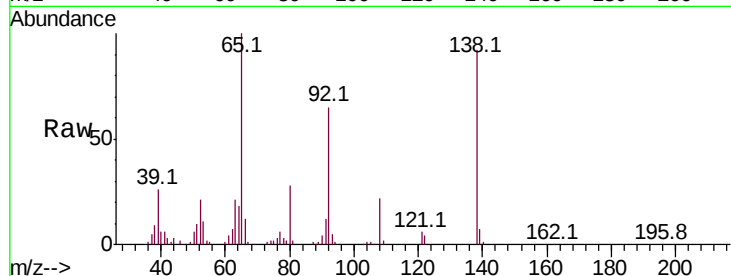
Tot Ion: 65 Resp: 107829

Ion Ratio Lower Upper

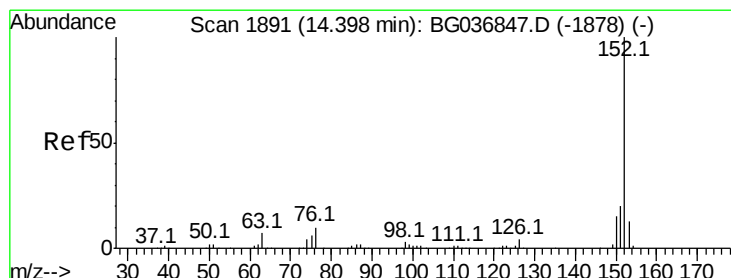
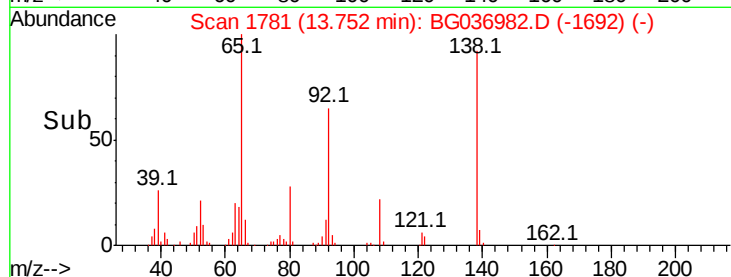
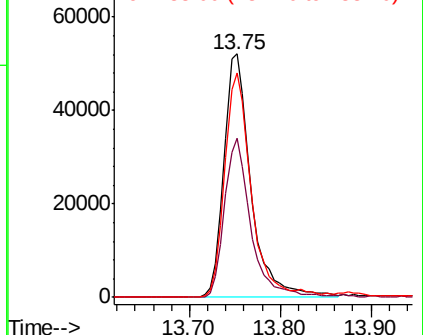
65 100

92 65.4 49.9 74.9

138 92.4 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: 42.672 ng

RT: 14.39 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

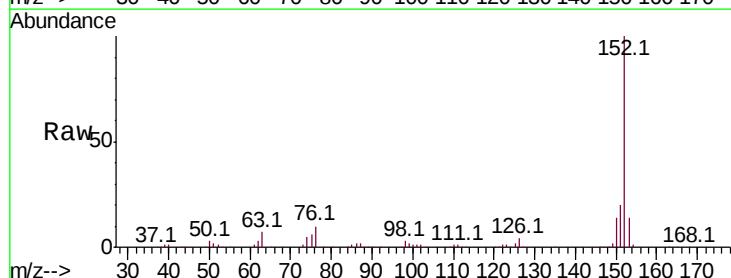
Tgt Ion: 152 Resp: 492021

Ion Ratio Lower Upper

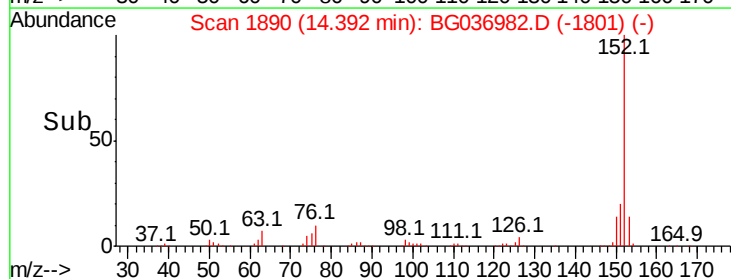
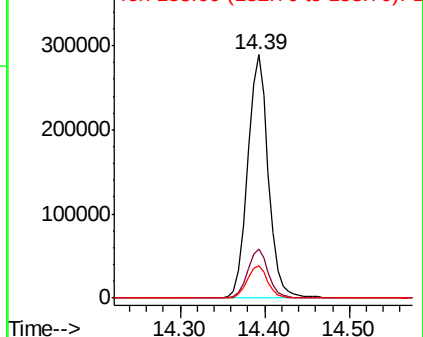
152 100

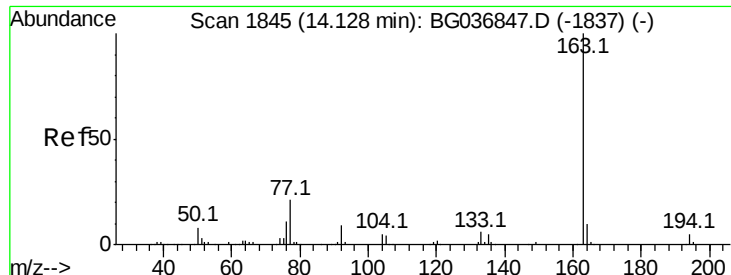
151 20.4 16.9 25.3

153 13.6 11.2 16.8



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





#49

Dimethylphthalate

Concen: 39.343 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Instrument :

BNA_G

ClientSampleId :

PB113205BS

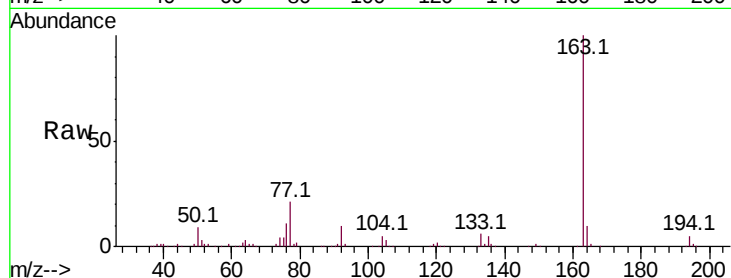
Tot Ion:163 Resp: 386902

Ion Ratio Lower Upper

163 100

194 4.7 4.0 6.0

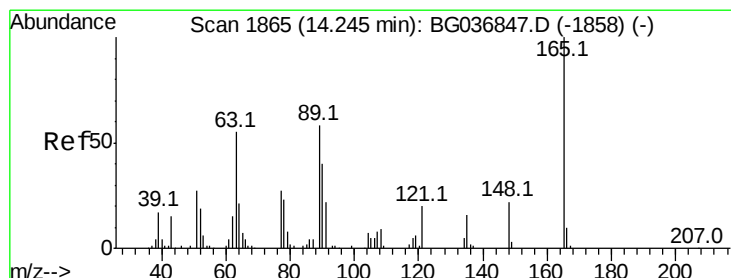
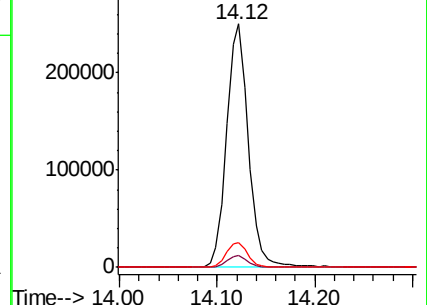
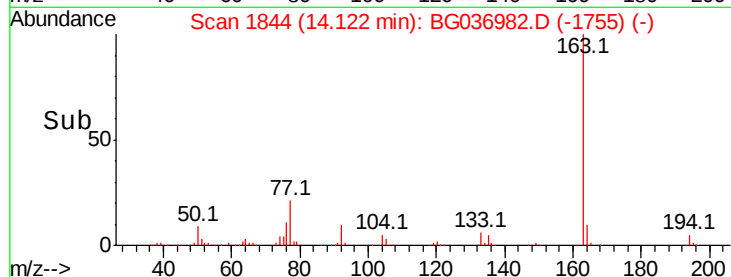
164 9.9 8.1 12.1



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: 39.621 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

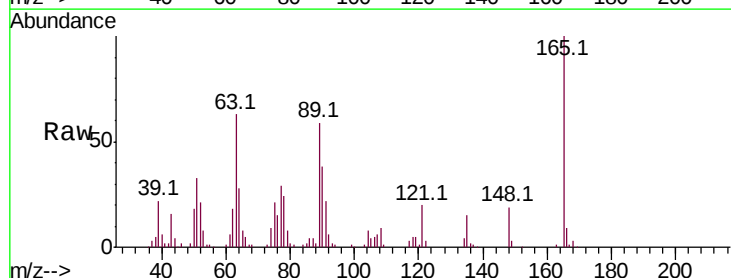
Tgt Ion:165 Resp: 85012

Ion Ratio Lower Upper

165 100

63 63.5 50.1 75.1

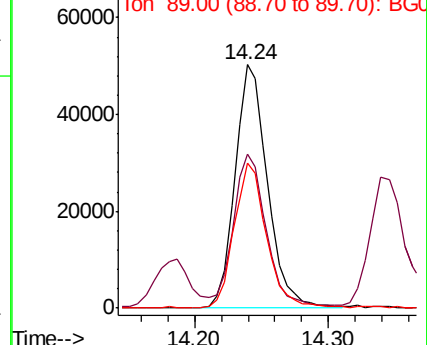
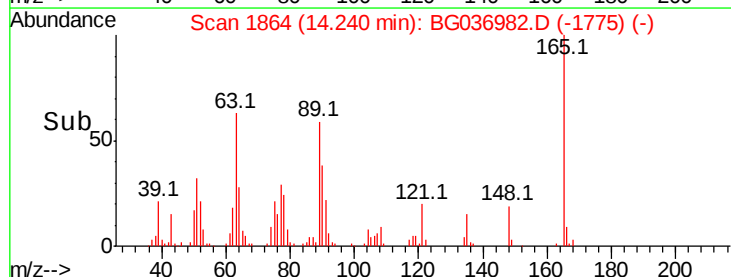
89 59.3 47.8 71.6

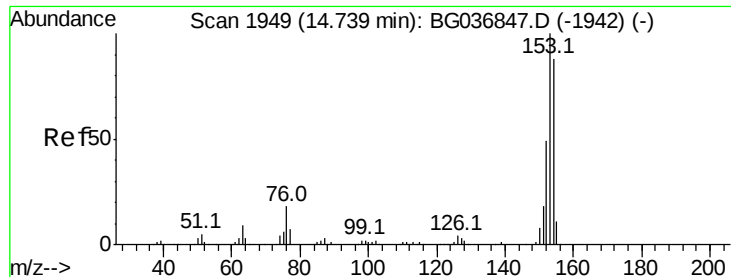


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.268 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Instrument :

BNA_G

ClientSampleId :

PB113205BS

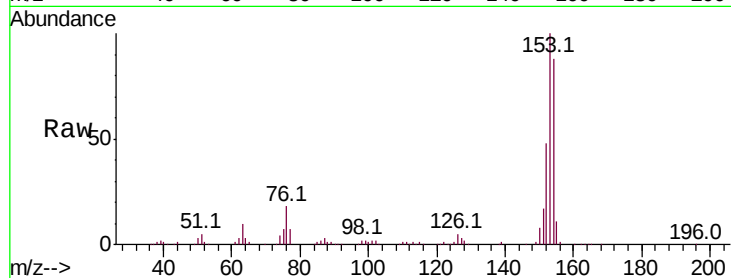
Tot Ion:154 Resp: 280612

Ion Ratio Lower Upper

154 100

153 113.4 91.8 137.6

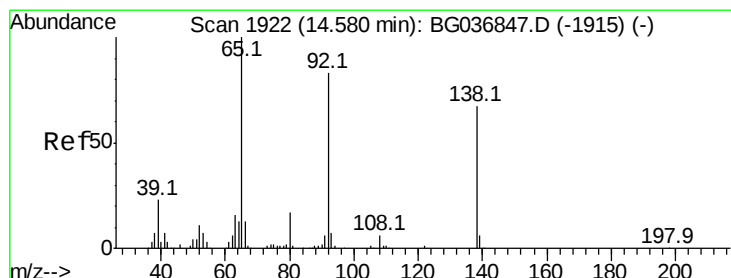
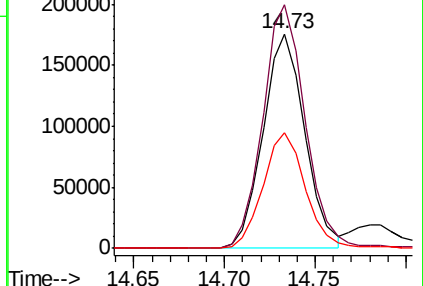
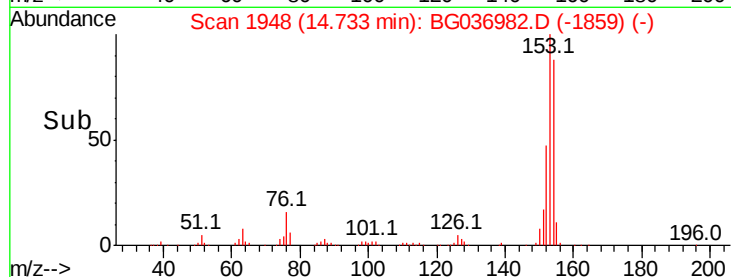
152 54.0 43.5 65.3



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: 28.758 ng

RT: 14.57 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

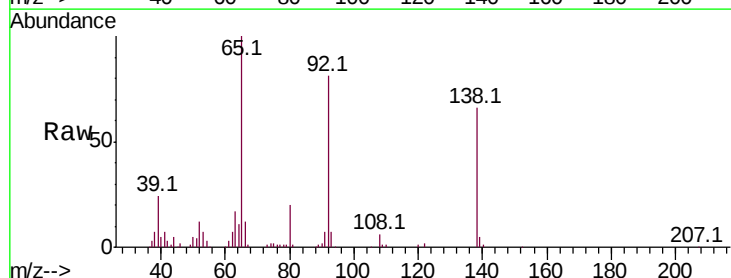
Tgt Ion:138 Resp: 65021

Ion Ratio Lower Upper

138 100

108 9.2 9.4 14.2#

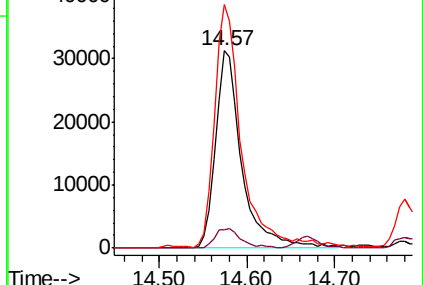
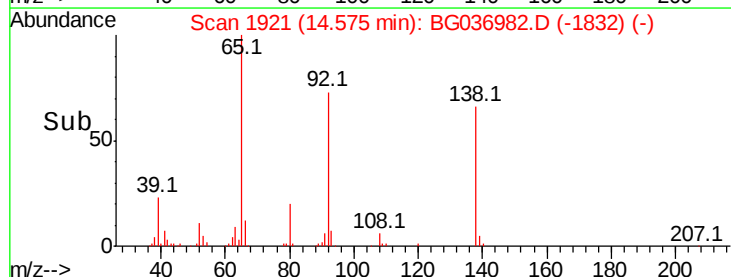
92 123.3 96.8 145.2

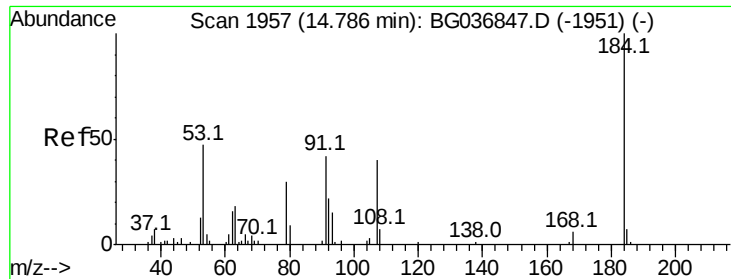


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

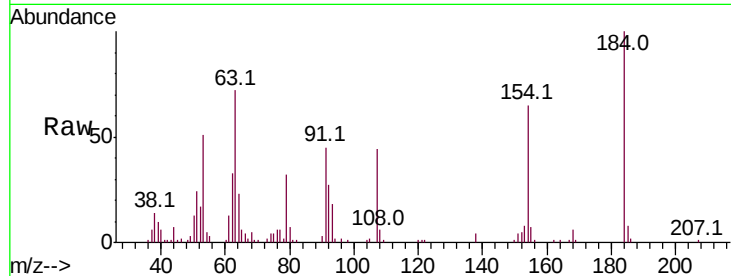




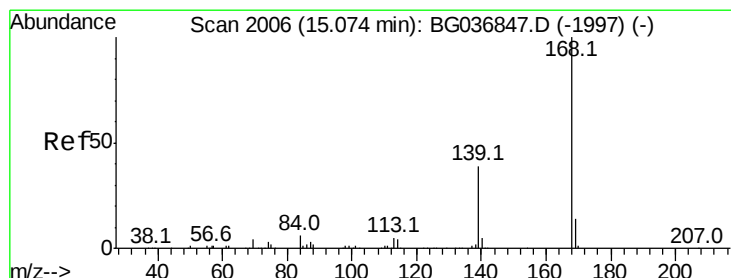
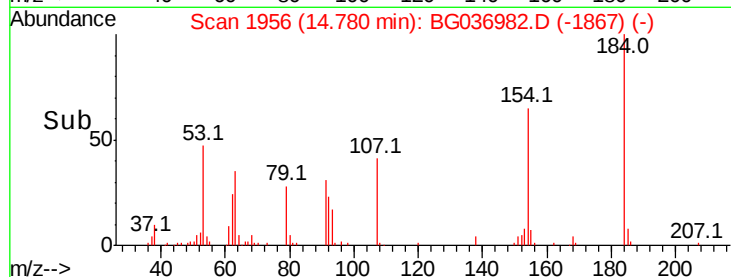
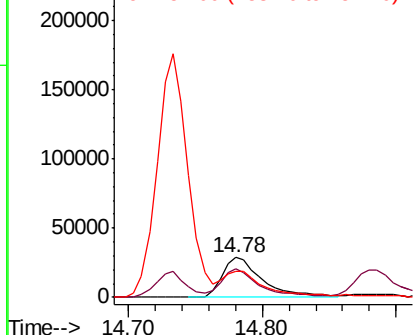
#53
 2,4-Dinitrophenol
 Concen: 62.174 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG036982.D
 Acq: 26 Sep 2018 15:18

Instrument :
 BNA_G
 ClientSampleId :
 PB113205BS

Tot Ion:184 Resp: 60624
 Ion Ratio Lower Upper
 184 100
 63 71.8 47.3 70.9#
 154 65.5 51.1 76.7

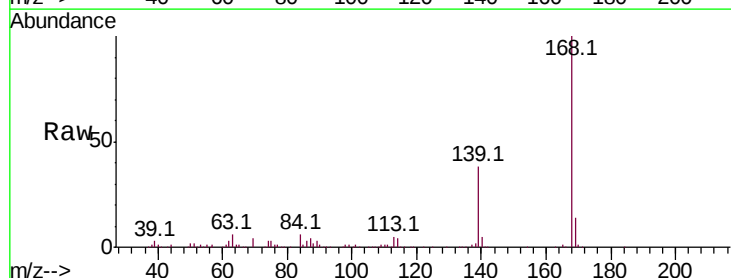


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

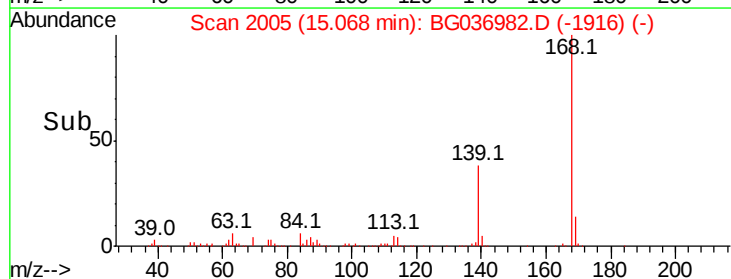
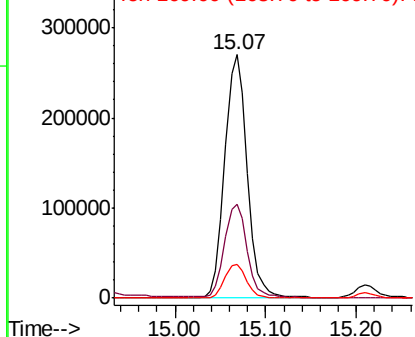


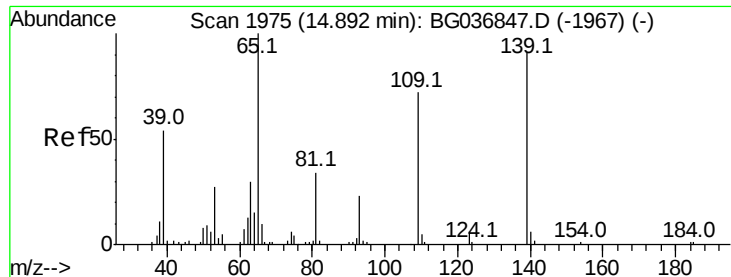
#54
 Dibenzofuran
 Concen: 39.504 ng
 RT: 15.07 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BG036982.D
 Acq: 26 Sep 2018 15:18

Tgt Ion:168 Resp: 465651
 Ion Ratio Lower Upper
 168 100
 139 38.5 31.0 46.6
 169 14.0 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

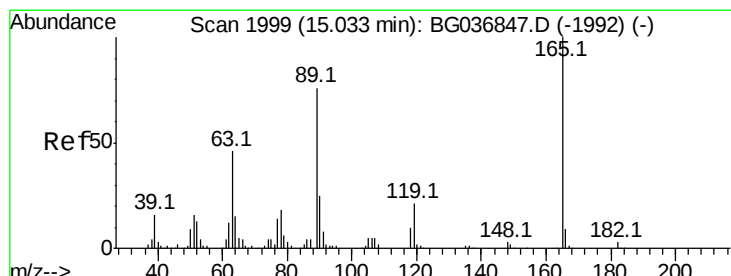
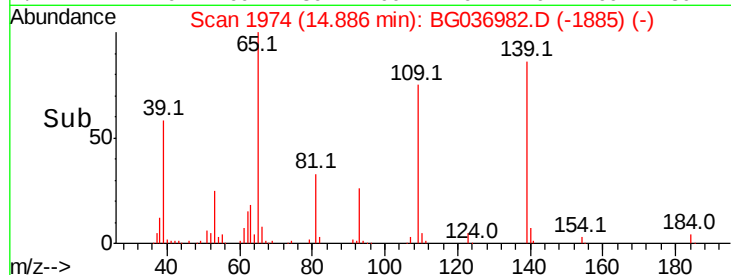
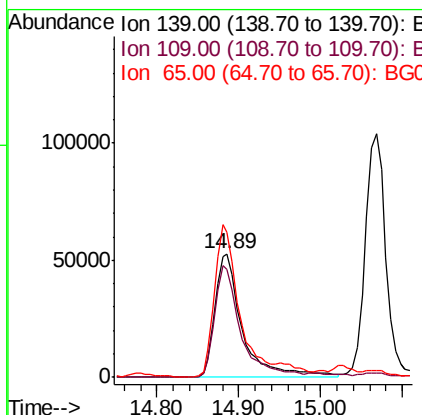
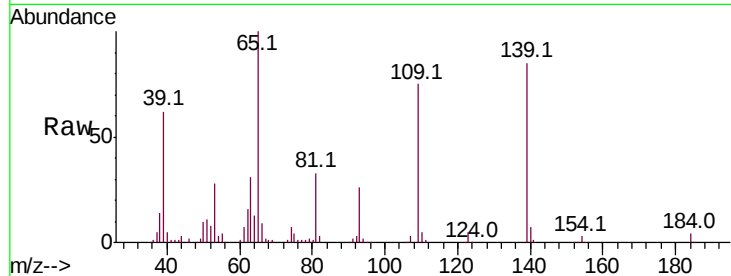




#55
4-Nitrophenol
Concen: 85.640 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

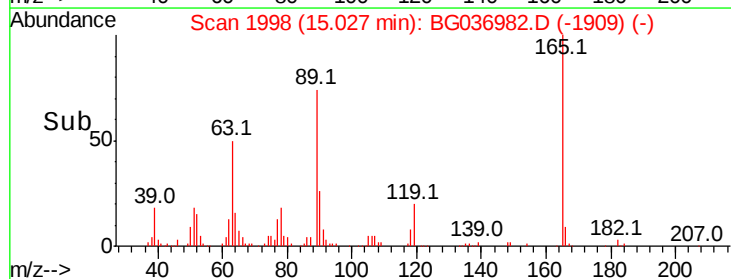
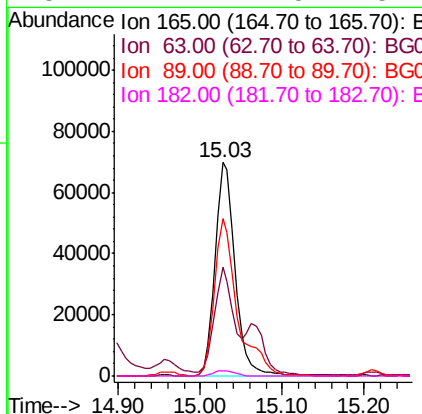
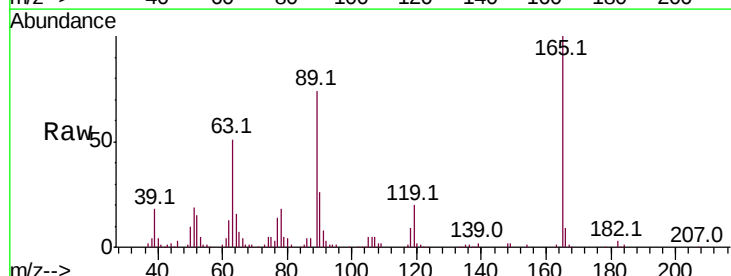
Instrument :
BNA_G
ClientSampleId :
PB113205BS

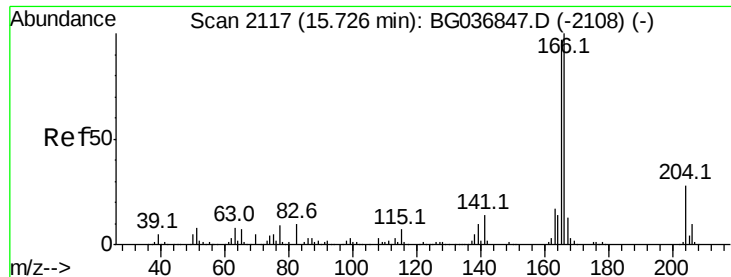
Tot Ion	Ratio	Lower	Upper
139	100		
109	87.8	63.9	103.9
65	117.7	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 40.156 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.8	40.1	60.1
89	73.7	63.7	95.5
182	2.7	2.5	3.7

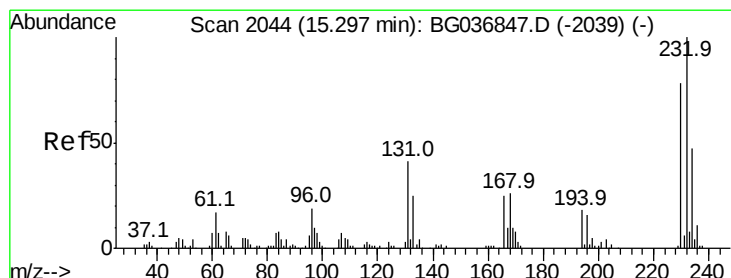
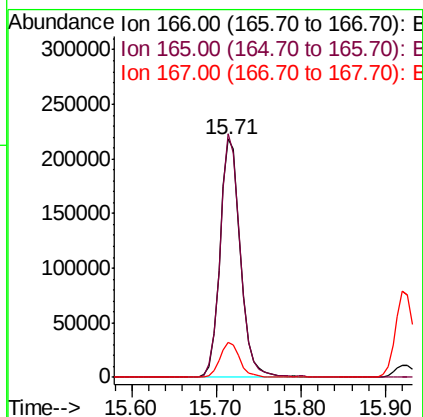
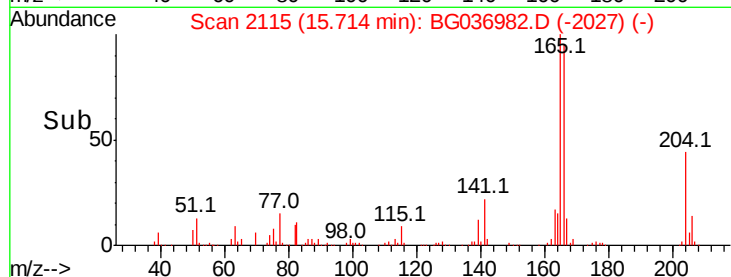
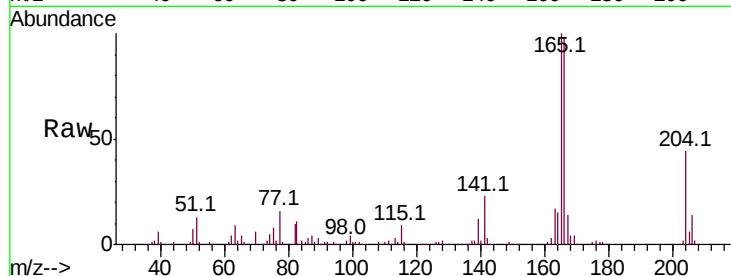




#57
 Fluorene
 Concen: 41.690 ng
 RT: 15.71 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG036982.D
 Acq: 26 Sep 2018 15:18

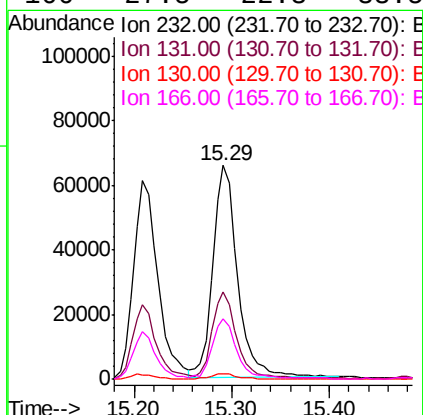
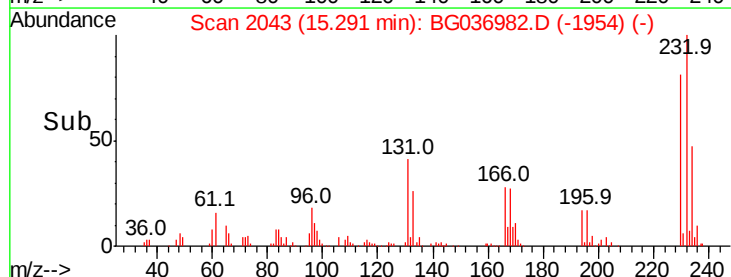
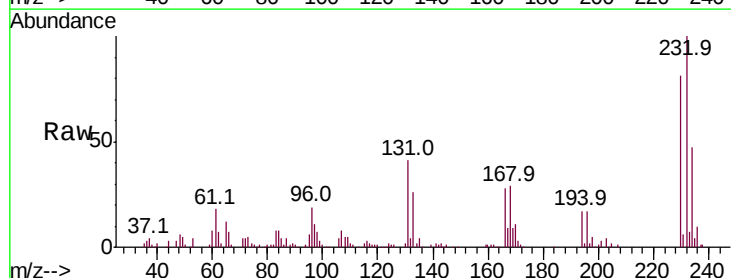
Instrument :
 BNA_G
 ClientSampleId :
 PB113205BS

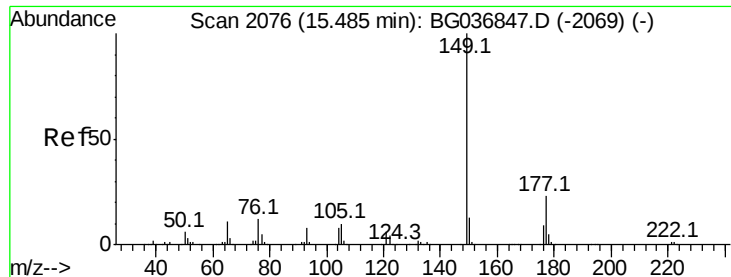
Tot Ion	Ratio	Lower	Upper
166	100		
165	102.3	77.0	115.4
167	14.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.288 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BG036982.D
 Acq: 26 Sep 2018 15:18

Tgt Ion	Ratio	Lower	Upper
232	100		
231	39.8	33.8	50.8
130	2.4	2.1	3.1
166	27.5	22.3	33.5





#59

Diethylphthalate

Concen: 38.390 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Instrument :

BNA_G

ClientSampleId :

PB113205BS

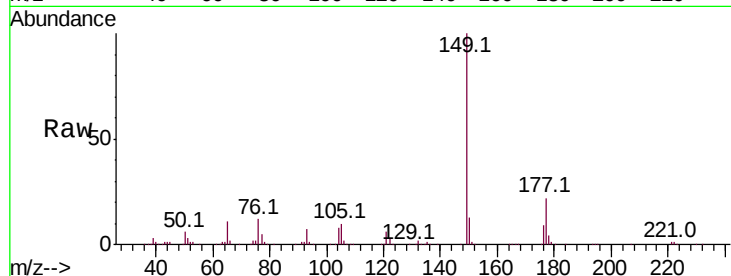
Tot Ion:149 Resp: 380777

Ion Ratio Lower Upper

149 100

177 22.4 19.1 28.7

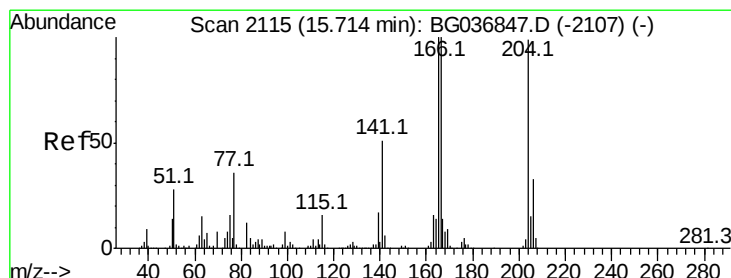
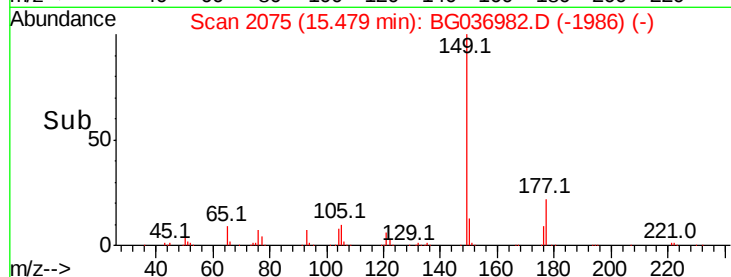
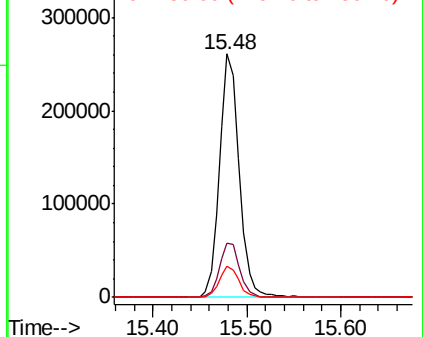
150 13.0 10.7 16.1



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: 37.257 ng

RT: 15.71 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

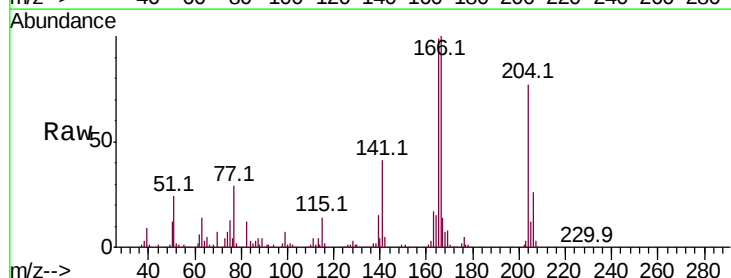
Tgt Ion:204 Resp: 207877

Ion Ratio Lower Upper

204 100

206 33.5 27.0 40.4

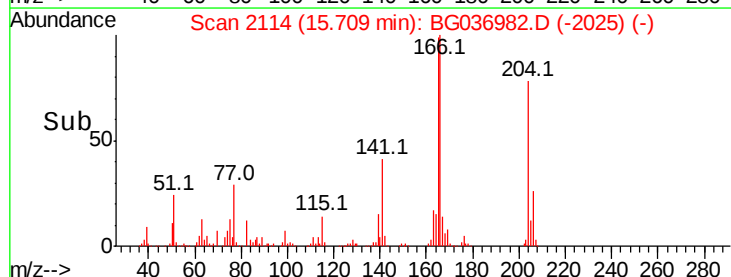
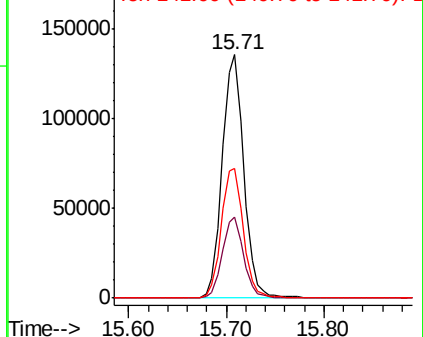
141 53.4 43.8 65.6

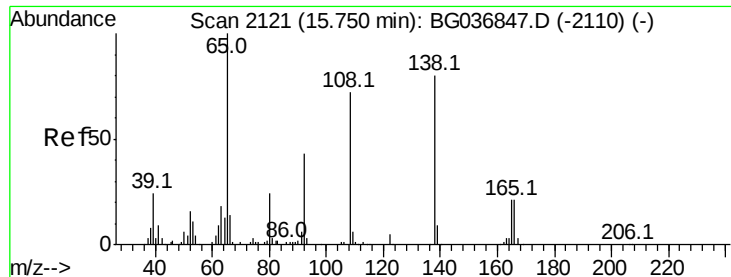


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

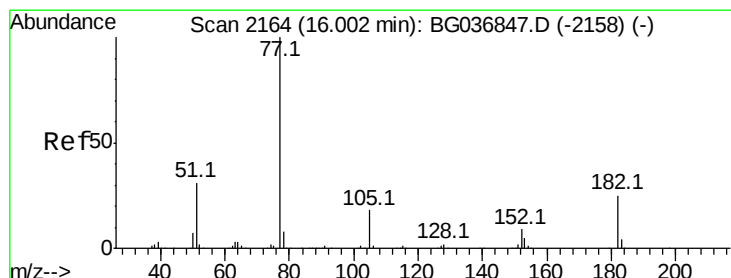
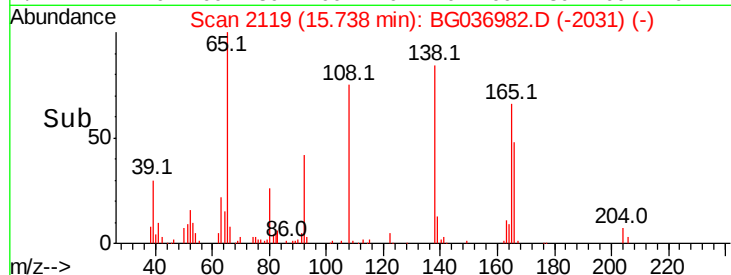
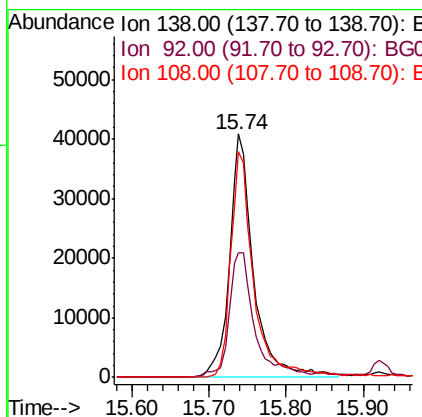
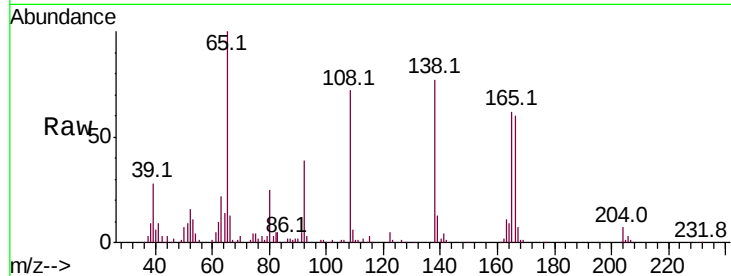




#61
4-Nitroaniline
Concen: 37.299 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

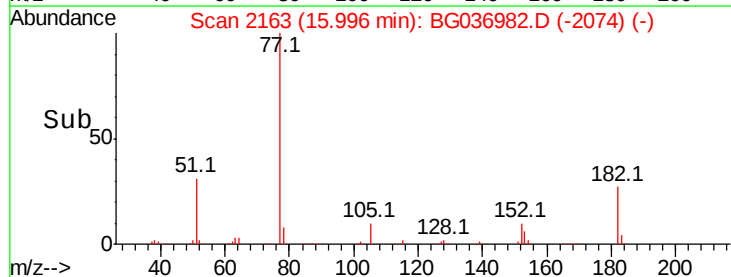
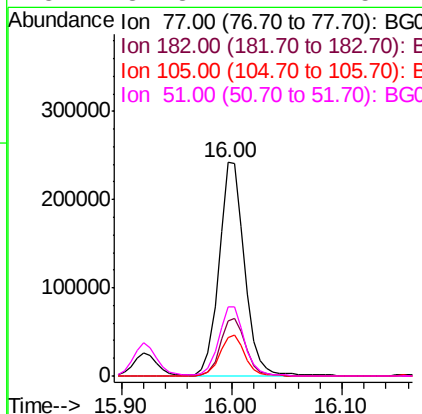
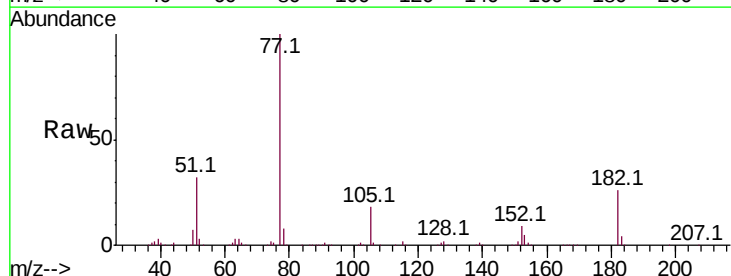
Instrument :
BNA_G
ClientSampleId :
PB113205BS

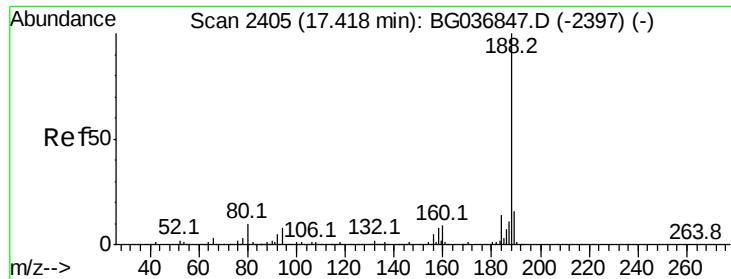
Tot Ion:138 Resp: 88704
Ion Ratio Lower Upper
138 100
92 51.0 38.5 78.5
108 92.7 70.3 110.3



#62
Azobenzene
Concen: 40.758 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Tgt Ion: 77 Resp: 388440
Ion Ratio Lower Upper
77 100
182 25.7 6.7 46.7
105 17.9 0.0 39.8
51 32.3 12.4 52.4

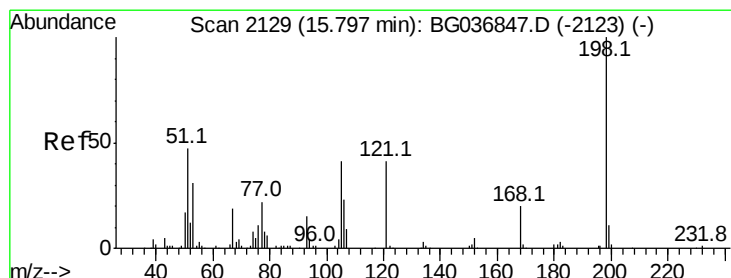
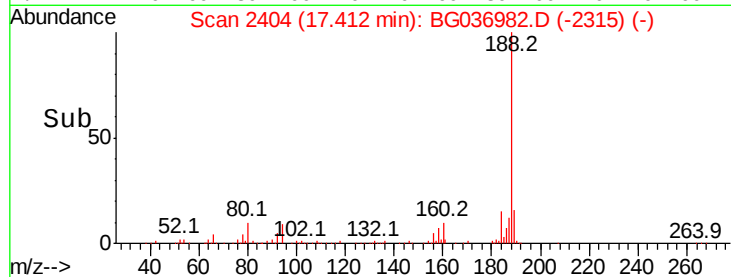
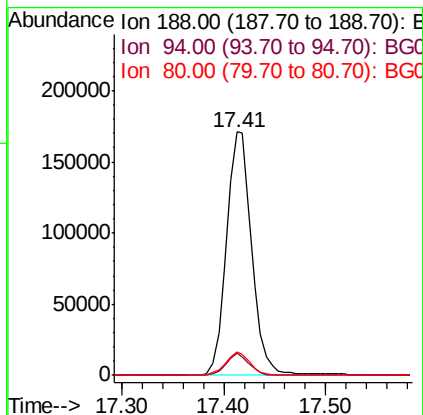
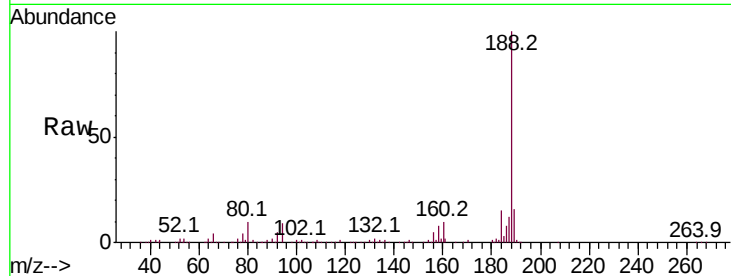




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

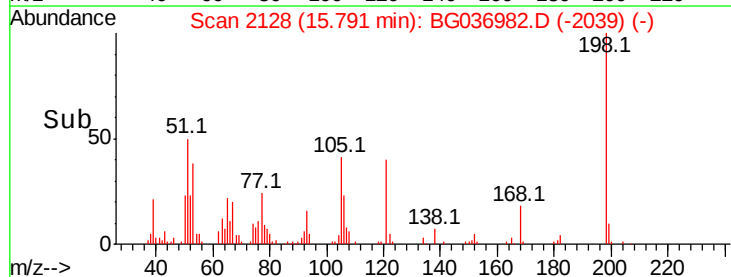
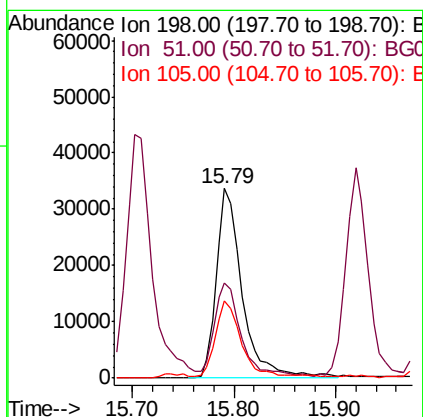
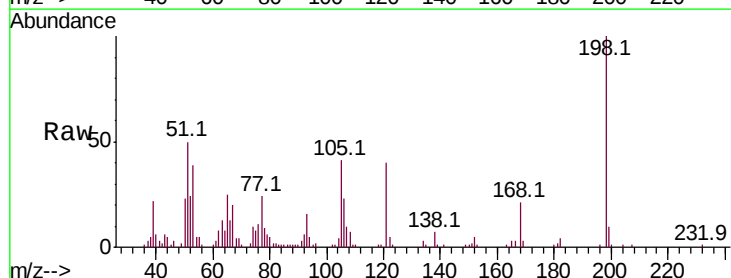
Instrument :
BNA_G
ClientSampleId :
PB113205BS

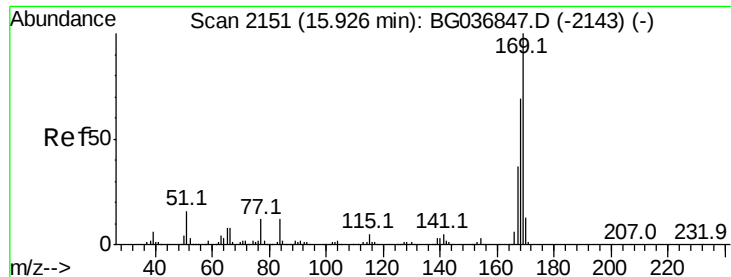
Tot Ion:188 Resp: 293995
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.6 8.1 12.1



#64
4,6-Dinitro-2-methylphenol
Concen: 39.066 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Tgt Ion:198 Resp: 60046
Ion Ratio Lower Upper
198 100
51 50.1 26.5 66.5
105 40.5 20.2 60.2





#65

n-Nitrosodiphenylamine

Concen: 41.434 ng

RT: 15.92 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Instrument :

BNA_G

ClientSampled :

PB113205BS

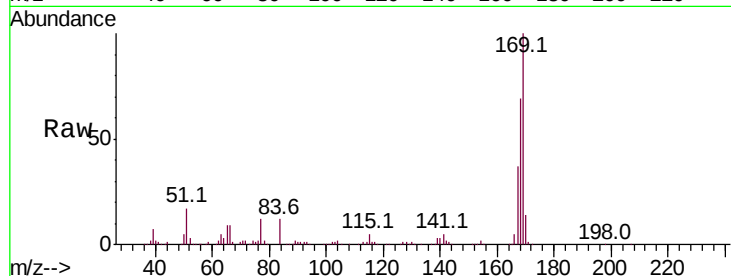
Tot Ion:169 Resp: 336290

Ion Ratio Lower Upper

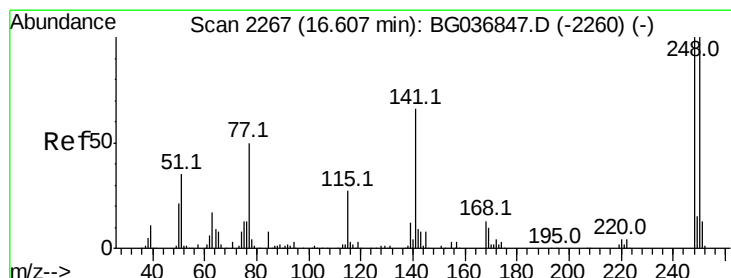
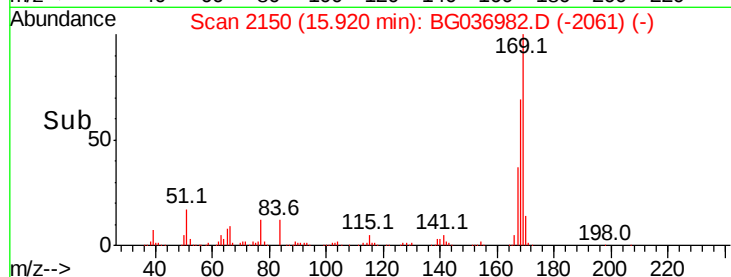
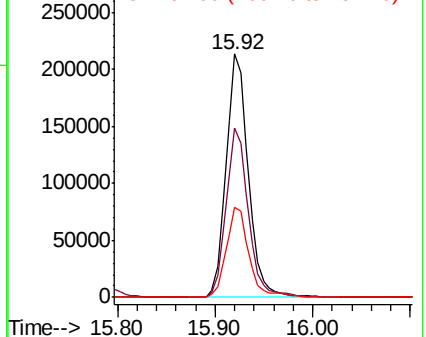
169 100

168 69.3 57.6 86.4

167 36.8 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: 40.506 ng

RT: 16.60 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

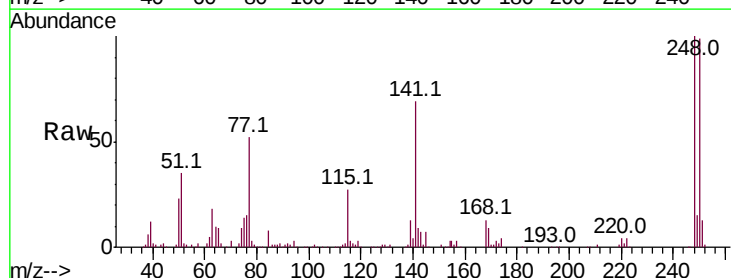
Tgt Ion:248 Resp: 135453

Ion Ratio Lower Upper

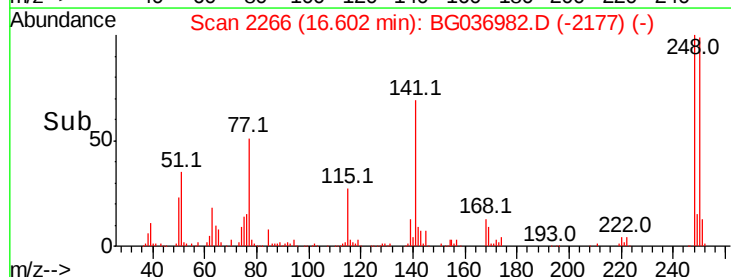
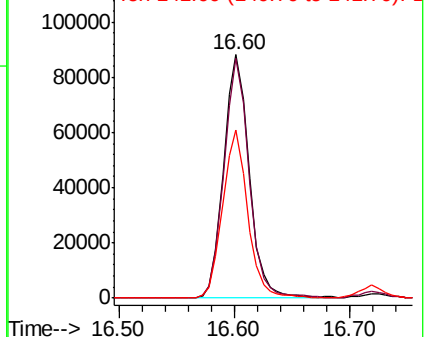
248 100

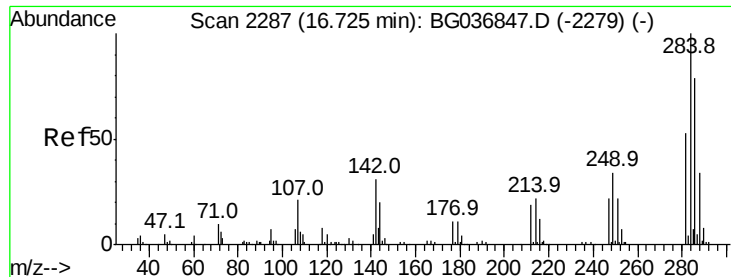
250 98.6 78.1 117.1

141 69.0 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

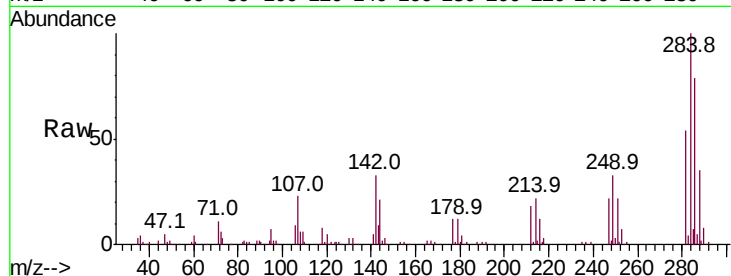




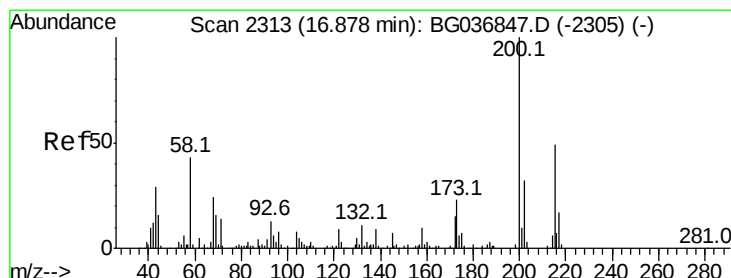
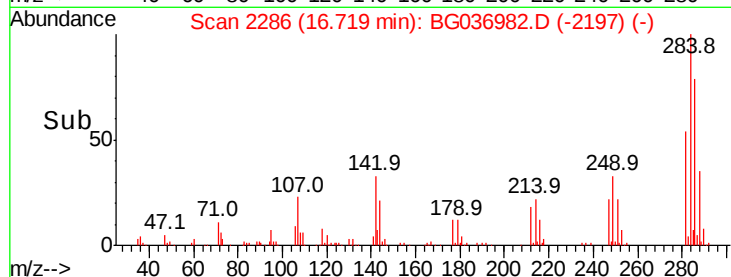
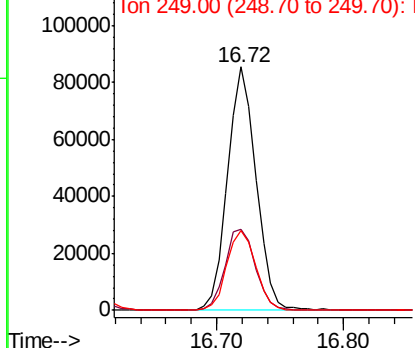
#67
Hexachlorobenzene
Concen: 38.600 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Instrument :
BNA_G
ClientSampled :
PB113205BS

Tot Ion:284 Resp: 132944
Ion Ratio Lower Upper
284 100
142 33.2 27.8 41.6
249 32.8 27.4 41.2

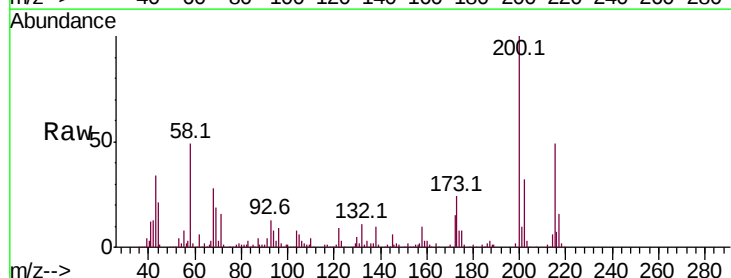


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

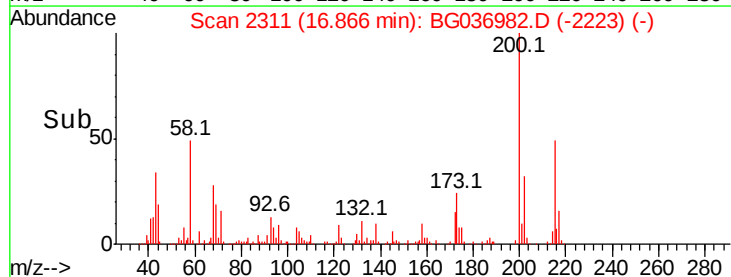
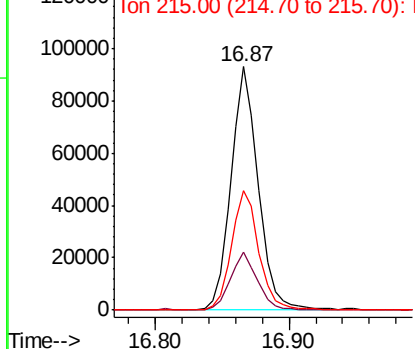


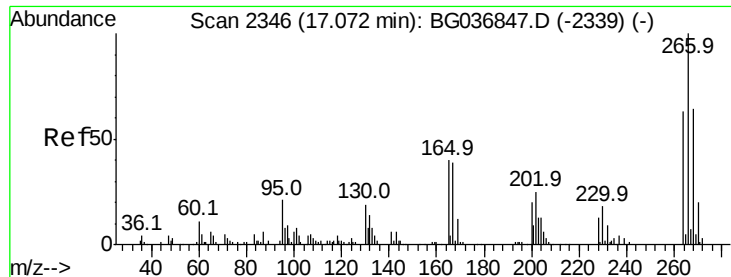
#68
Atrazine
Concen: 40.247 ng
RT: 16.87 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Tgt Ion:200 Resp: 132266
Ion Ratio Lower Upper
200 100
173 23.6 3.9 43.9
215 48.8 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

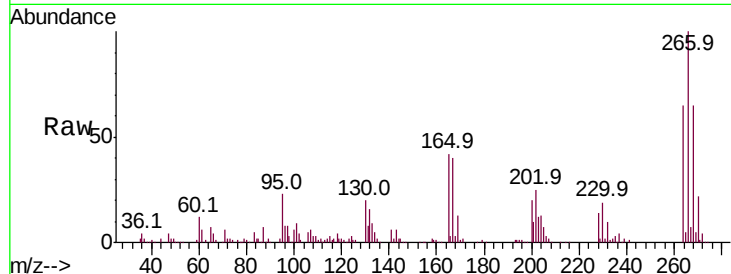




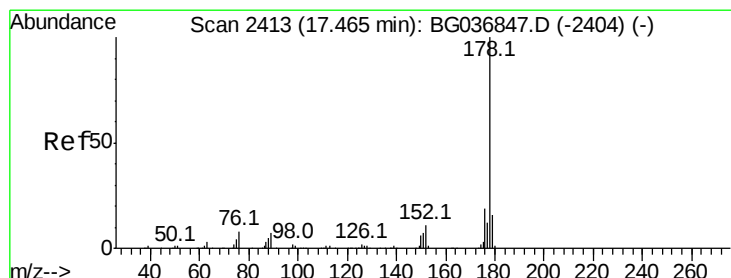
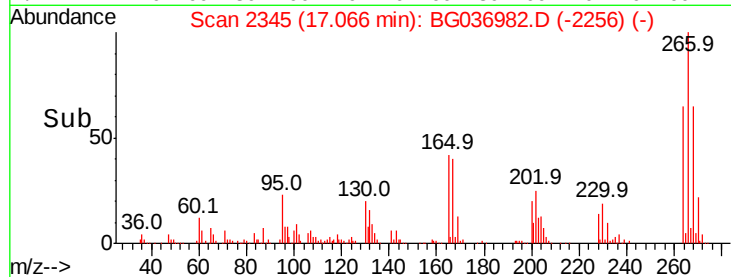
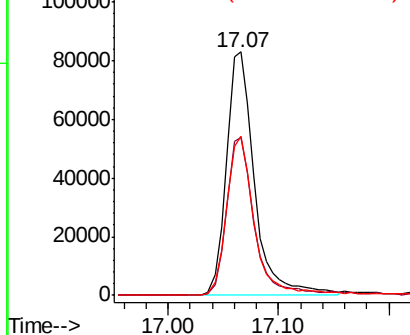
#69
 Pentachlorophenol
 Concen: 68.402 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.01 min
 Lab File: BG036982.D
 Acq: 26 Sep 2018 15:18

Instrument :
 BNA_G
 ClientSampleId :
 PB113205BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.4	77.2
264	65.3	48.9	73.3

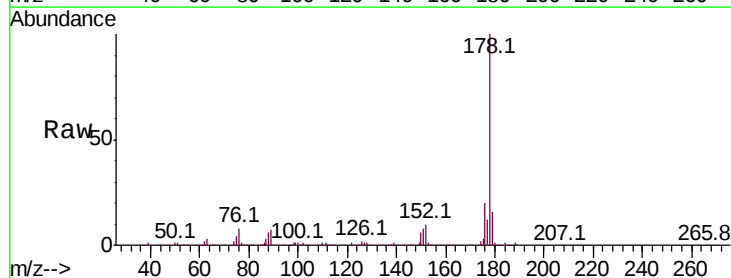


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

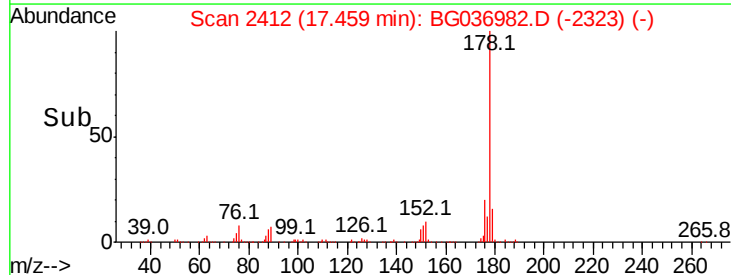
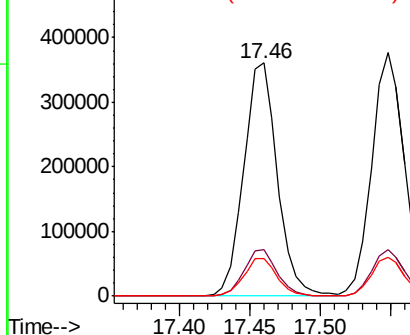


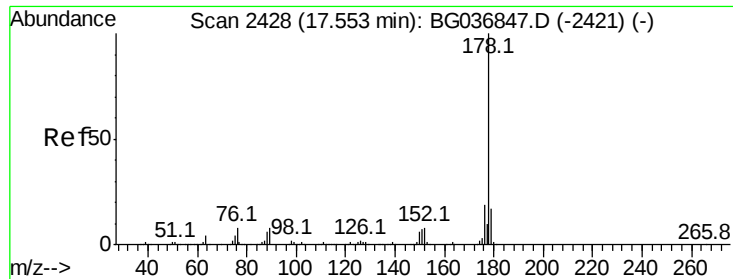
#70
 Phenanthrene
 Concen: 42.517 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG036982.D
 Acq: 26 Sep 2018 15:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	16.2	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

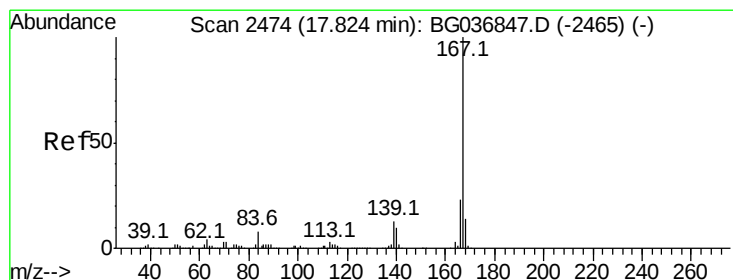
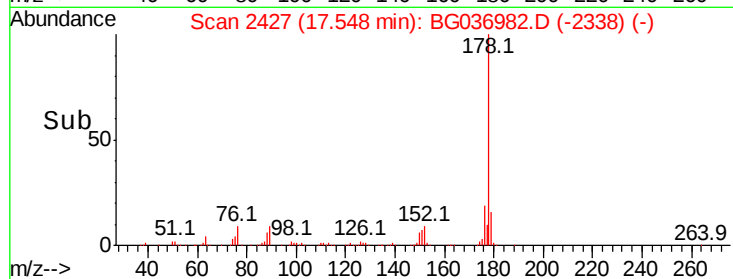
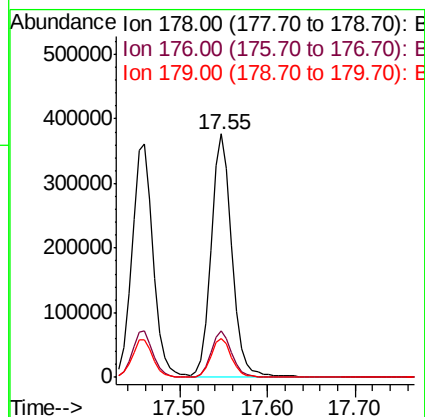
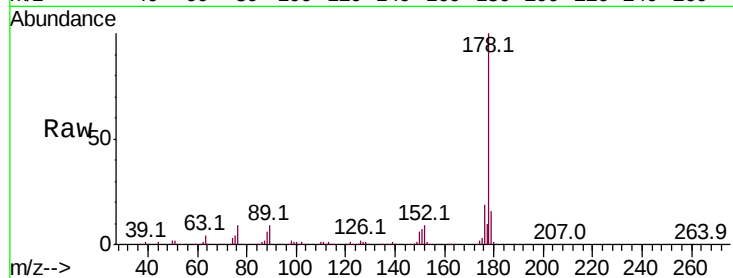




#71
 Anthracene
 Concen: 44.195 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG036982.D
 Acq: 26 Sep 2018 15:18

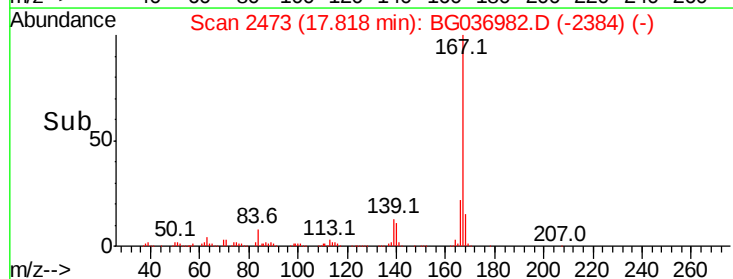
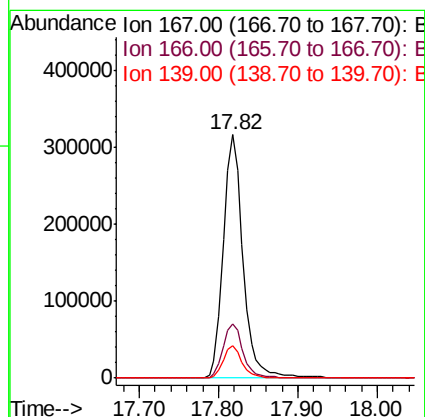
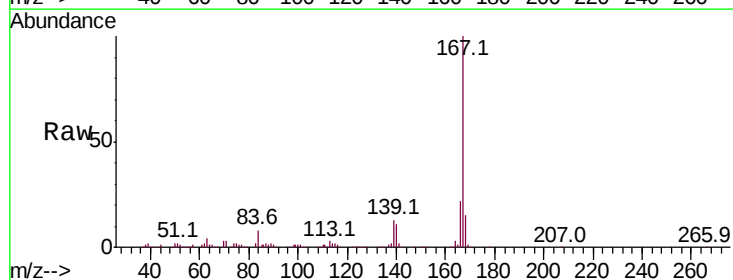
Instrument :
 BNA_G
 ClientSampleId :
 PB113205BS

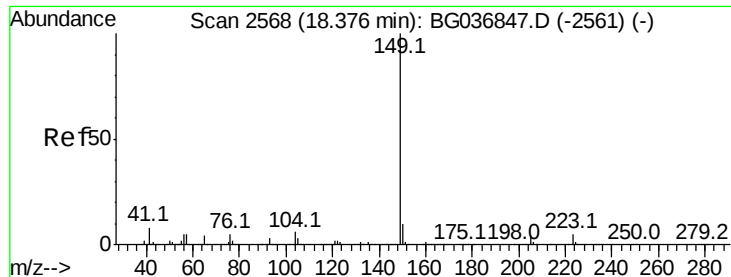
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.8	13.0	19.4



#72
 Carbazole
 Concen: 39.933 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036982.D
 Acq: 26 Sep 2018 15:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	19.5	29.3
139	13.4	10.7	16.1

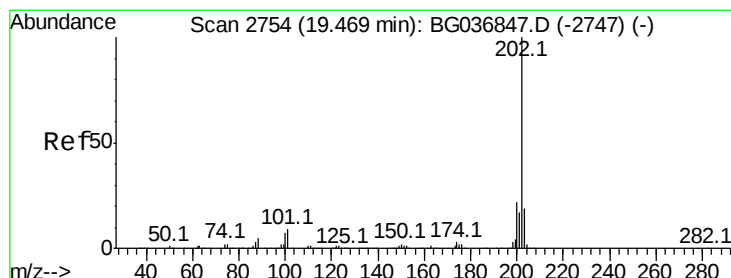
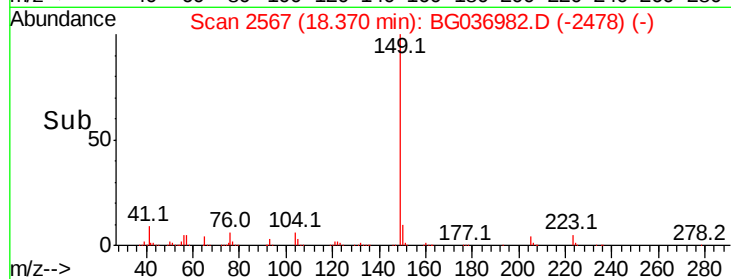
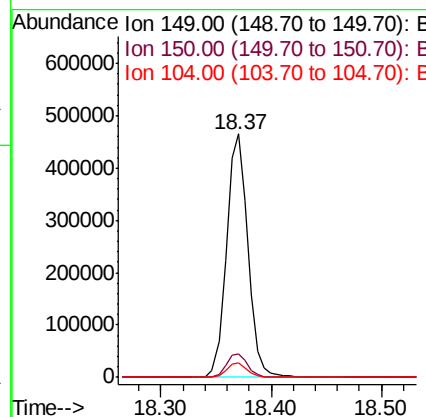
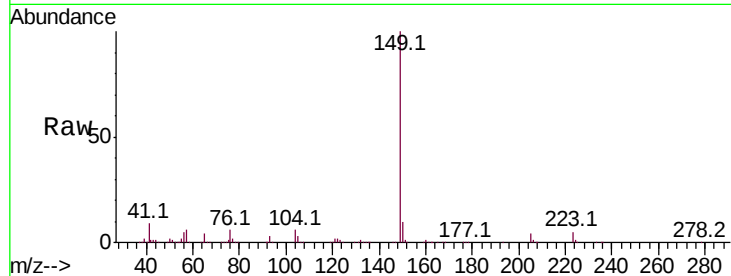




#73
Di-n-butylphthalate
Concen: 41.433 ng
RT: 18.37 min Scan# 2567
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

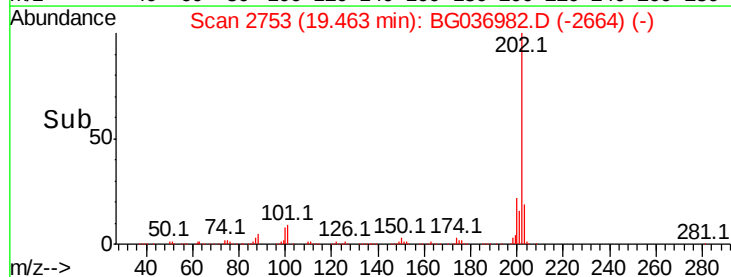
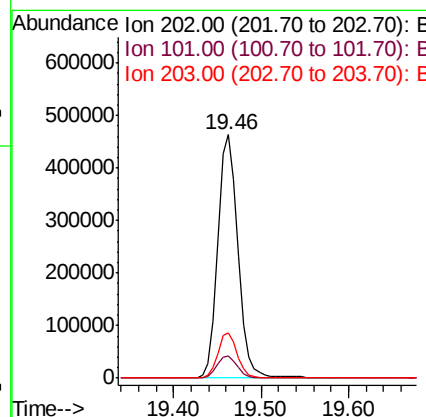
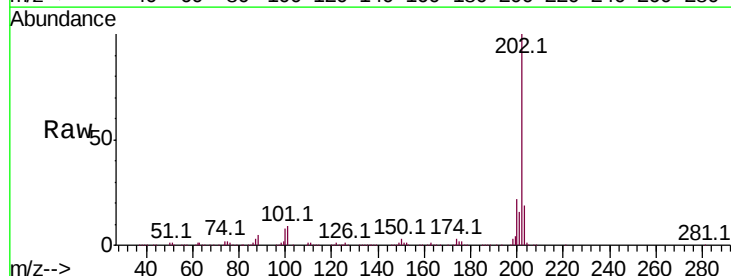
Instrument :
BNA_G
ClientSampleId :
PB113205BS

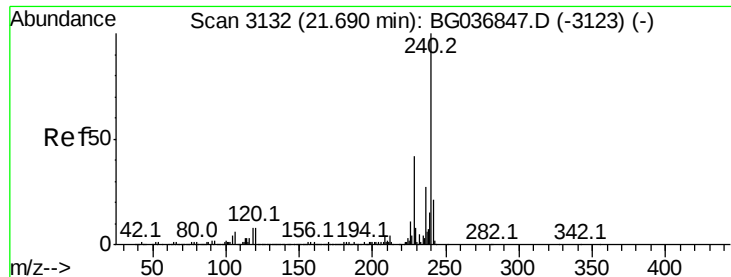
Tot Ion:149 Resp: 628480
Ion Ratio Lower Upper
149 100
150 9.7 8.1 12.1
104 5.9 4.6 6.8



#74
Fluoranthene
Concen: 43.451 ng
RT: 19.46 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Tgt Ion:202 Resp: 741006
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.4
203 18.7 0.0 38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Instrument :

BNA_G

ClientSampleId :

PB113205BS

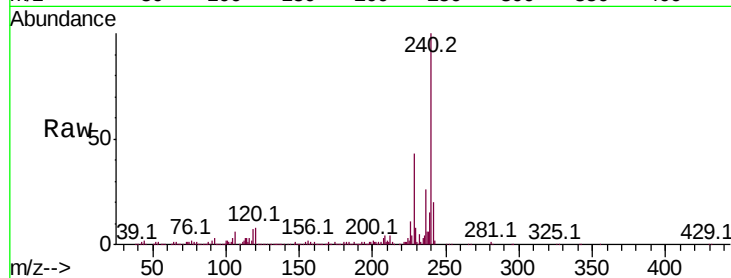
Tot Ion:240 Resp: 303026

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

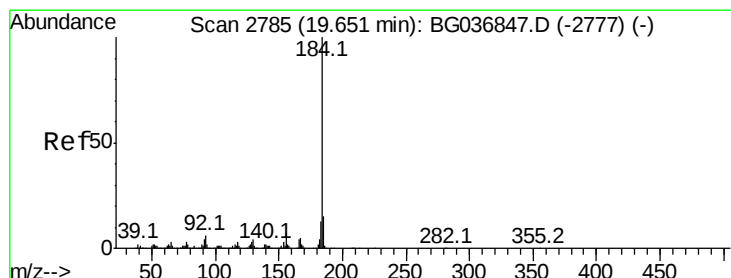
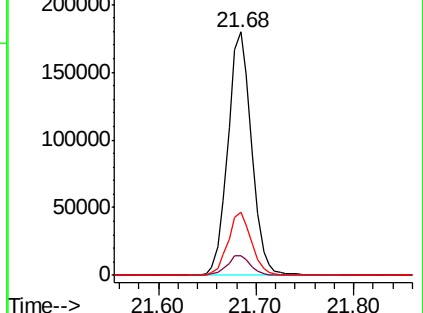
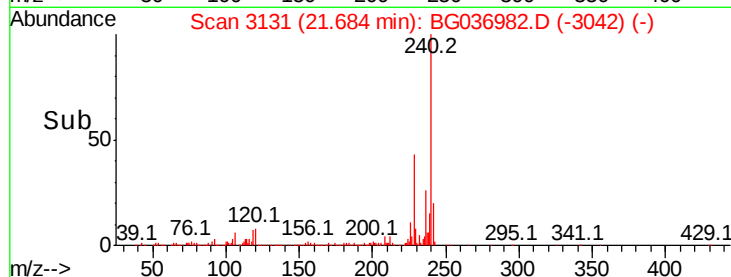
236 25.7 21.2 31.8



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: 35.900 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

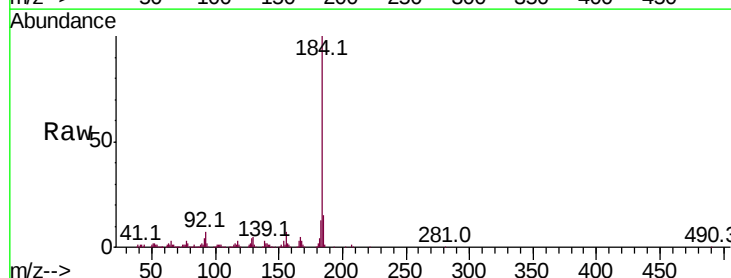
Tgt Ion:184 Resp: 328862

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

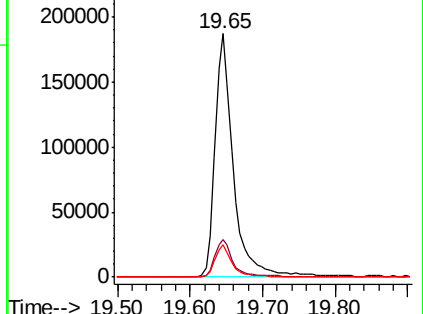
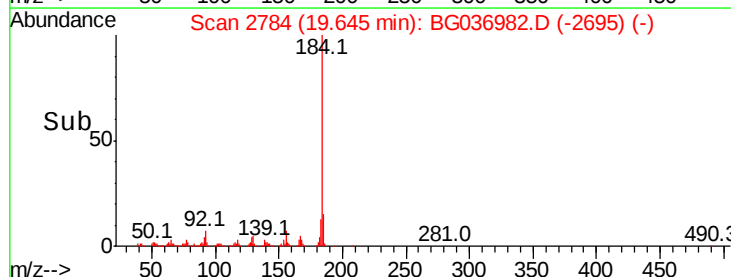
183 13.1 10.9 16.3

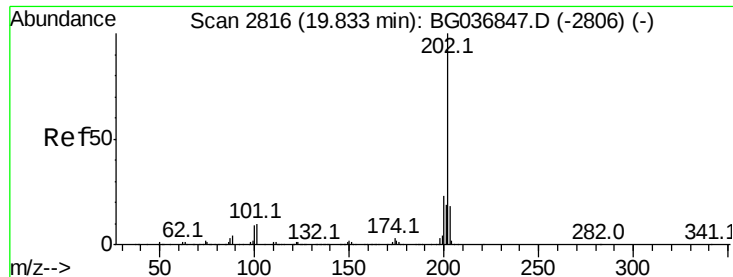


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.409 ng

RT: 19.82 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Instrument :

BNA_G

ClientSampleId :

PB113205BS

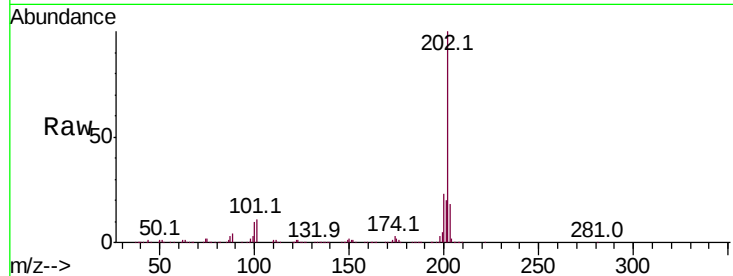
Tot Ion:202 Resp: 734801

Ion Ratio Lower Upper

202 100

200 22.6 18.3 27.5

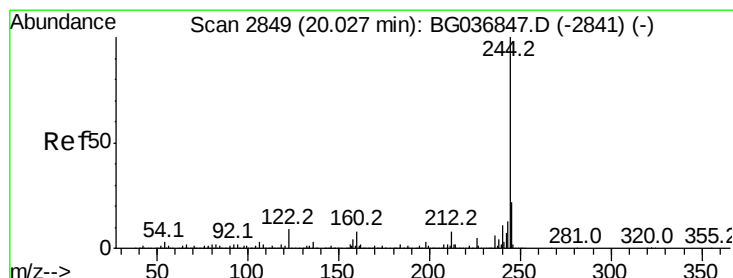
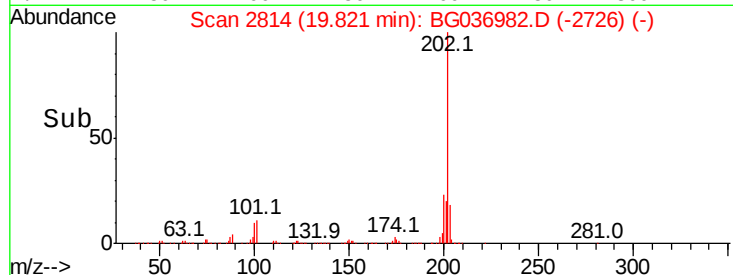
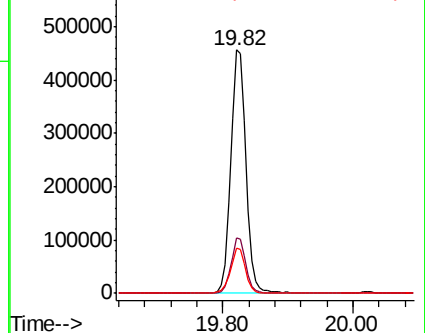
203 18.5 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.160 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

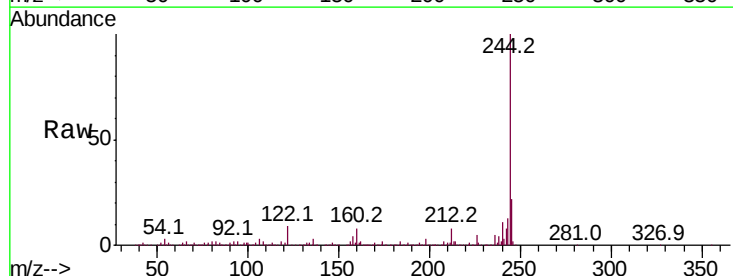
Tgt Ion:244 Resp: 935301

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

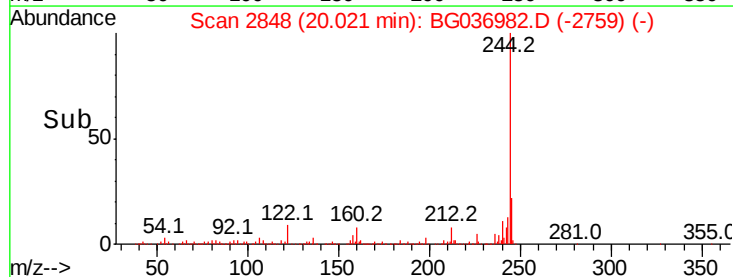
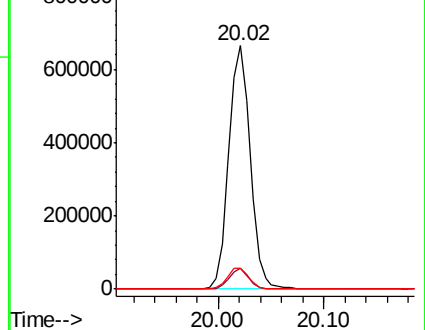
122 8.8 7.1 10.7

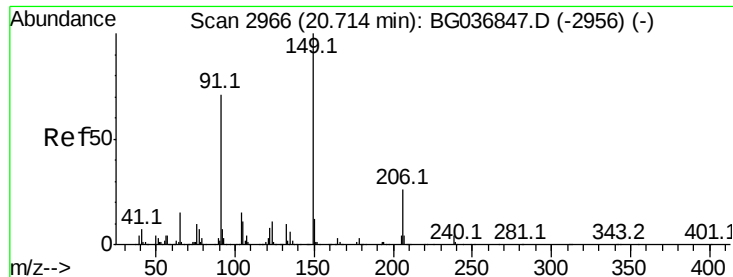


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

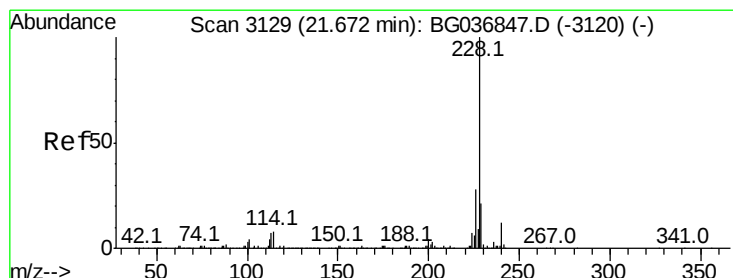
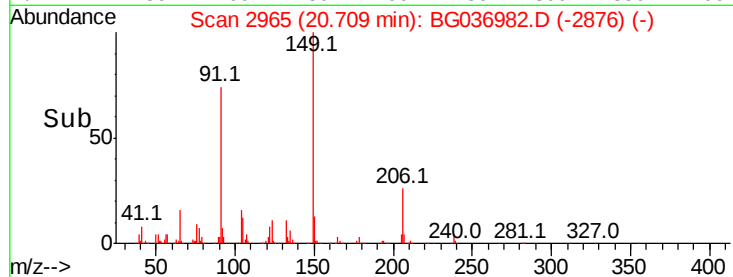
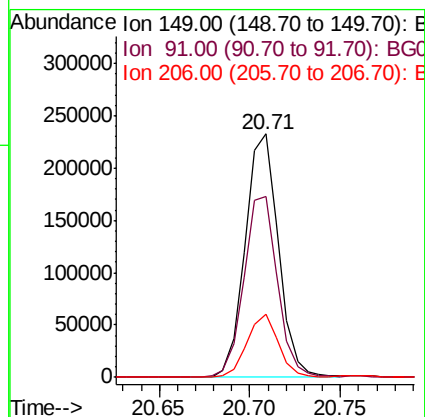
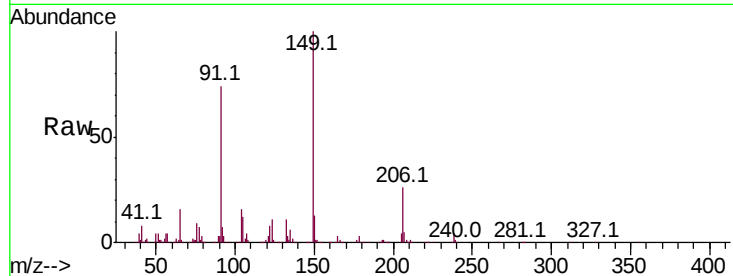




#79
Butylbenzylphthalate
Concen: 41.023 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

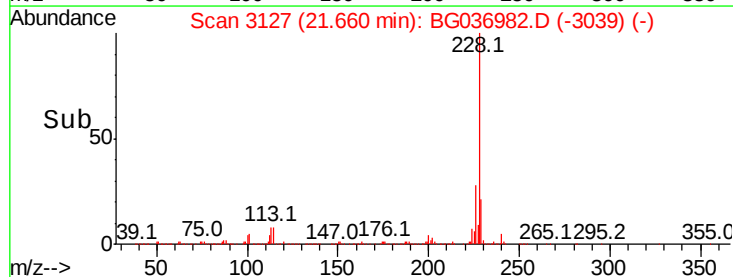
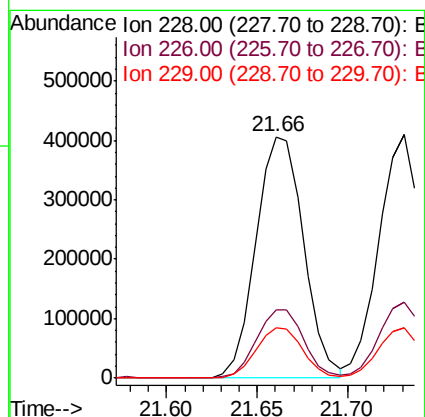
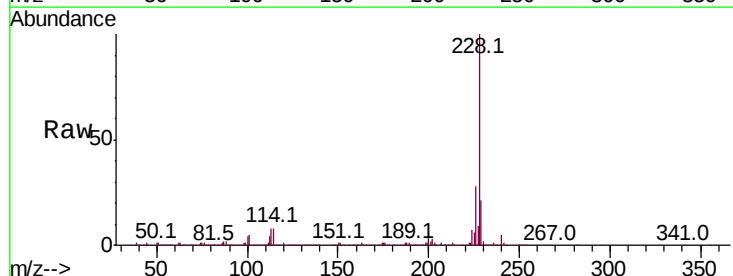
Instrument :
BNA_G
ClientSampleId :
PB113205BS

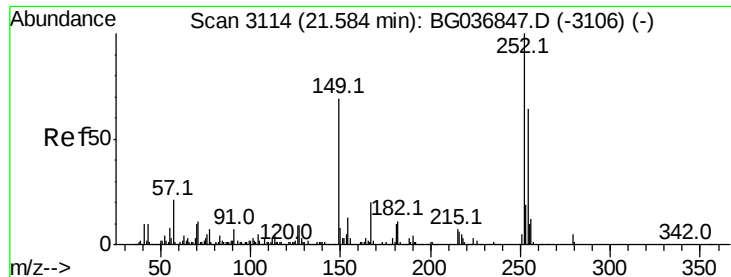
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.4	62.0	93.0
206	25.9	19.6	29.4



#80
Benzo(a)anthracene
Concen: 41.888 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	21.0	17.1	25.7

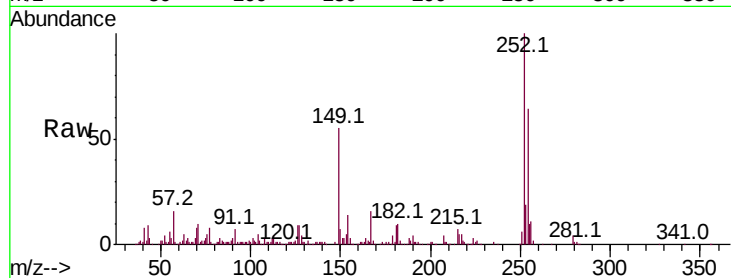




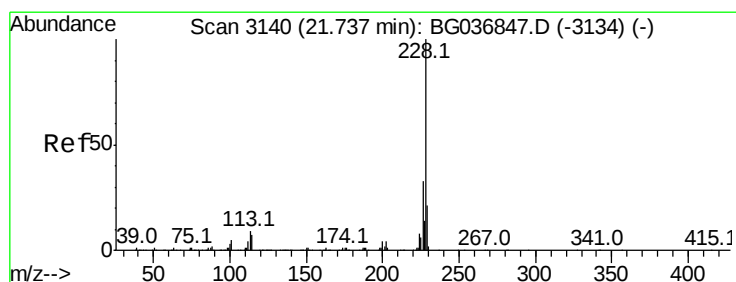
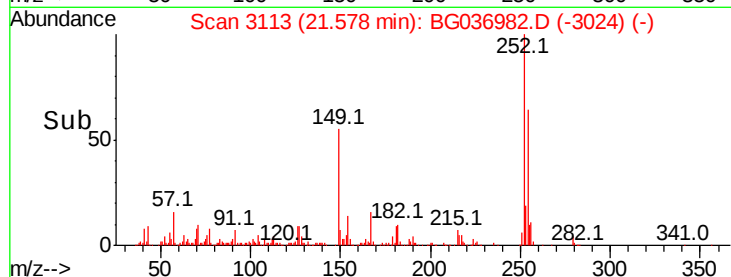
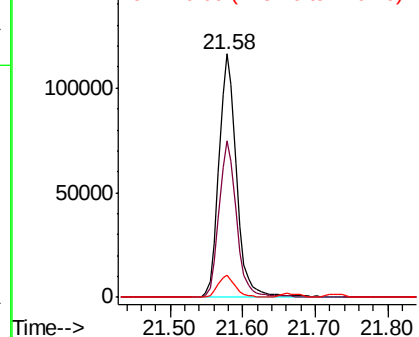
#81
 3,3'-Dichlorobenzidine
 Concen: 29.215 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036982.D
 Acq: 26 Sep 2018 15:18

Instrument :
 BNA_G
 ClientSampleId :
 PB113205BS

Tot Ion:252 Resp: 196708
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.0 76.4
 126 9.3 7.4 11.0

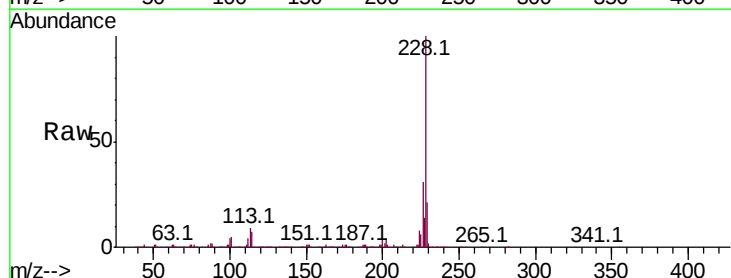


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

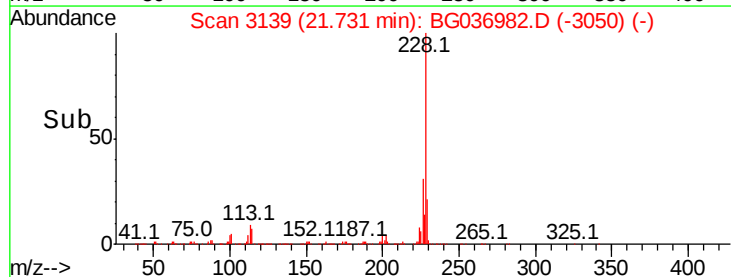
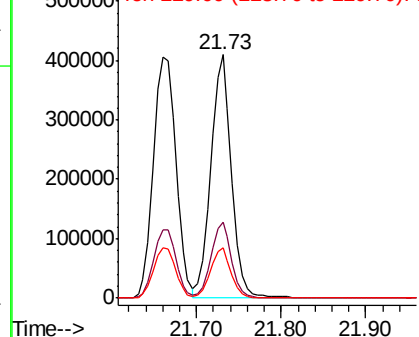


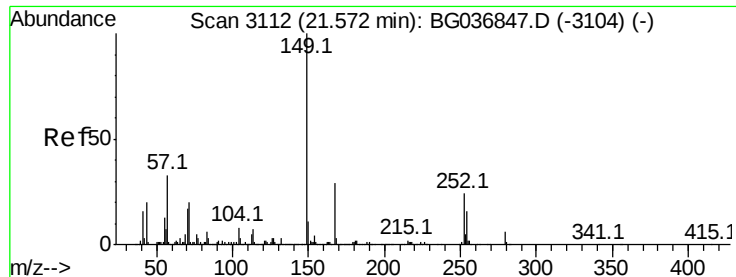
#82
 Chrysene
 Concen: 40.764 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG036982.D
 Acq: 26 Sep 2018 15:18

Tgt Ion:228 Resp: 696704
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.5 38.3
 229 20.9 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: 40.988 ng

RT: 21.56 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Instrument :

BNA_G

ClientSampleId :

PB113205BS

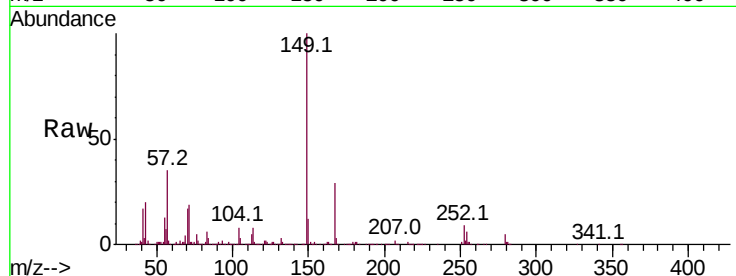
Tot Ion:149 Resp: 415021

Ion Ratio Lower Upper

149 100

167 28.7 23.4 35.0

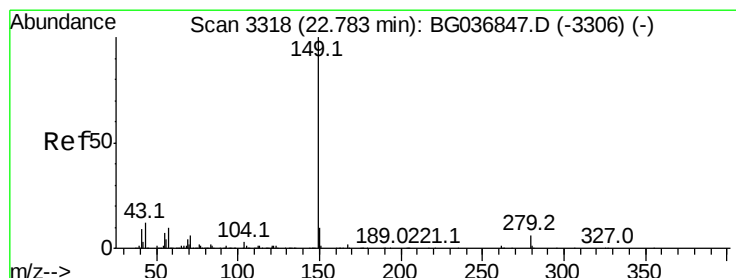
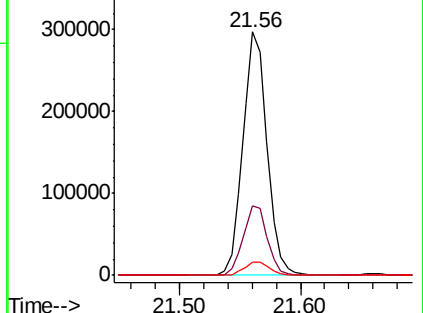
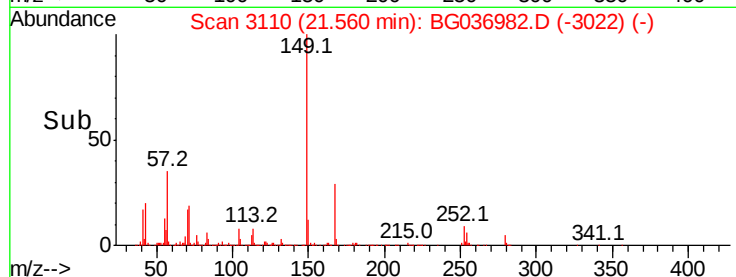
279 5.3 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.979 ng

RT: 22.77 min Scan# 3316

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

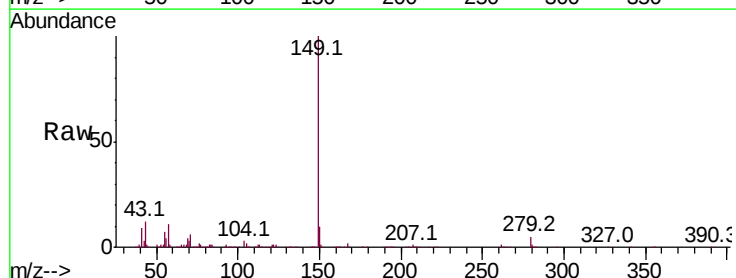
Tgt Ion:149 Resp: 699831

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

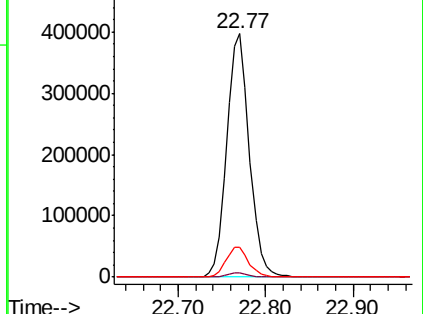
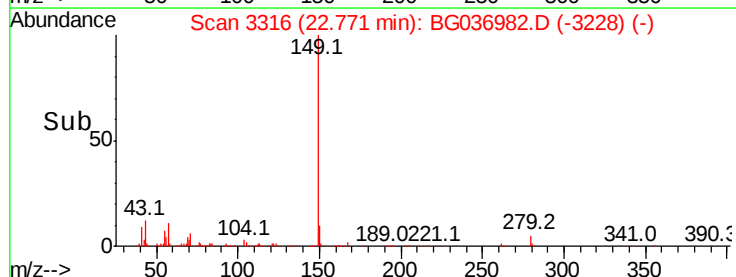
43 12.4 10.0 15.0

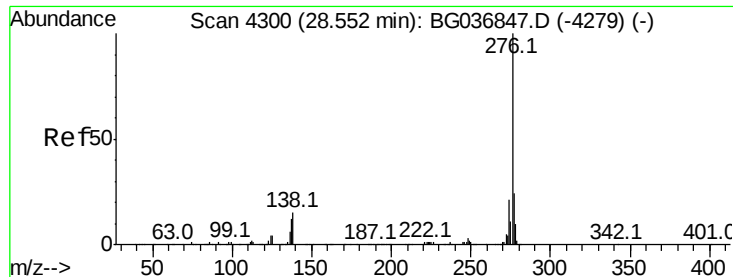


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

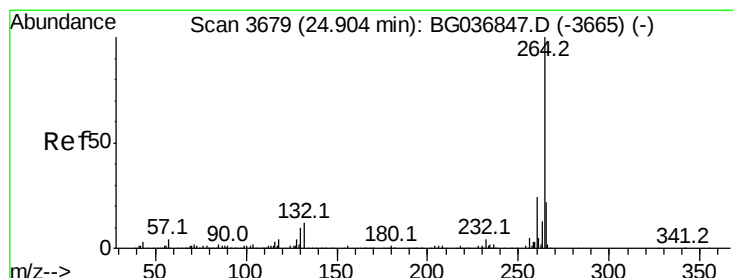
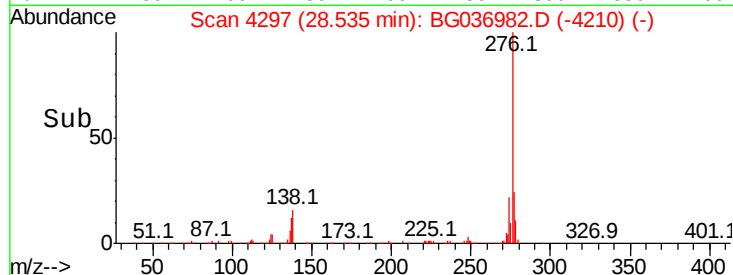
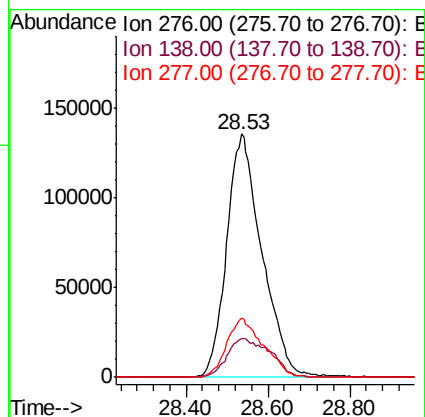
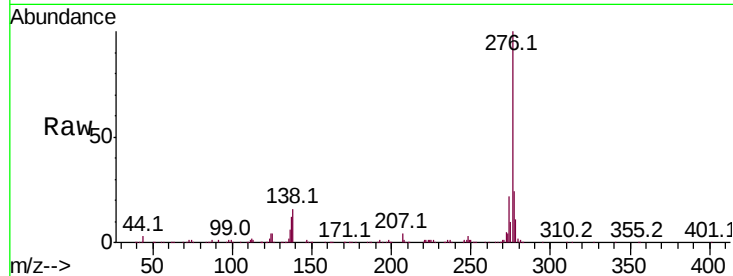




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.237 ng
RT: 28.53 min Scan# 4297
Delta R.T. -0.02 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

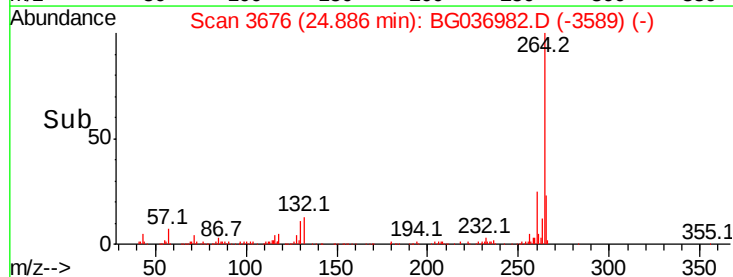
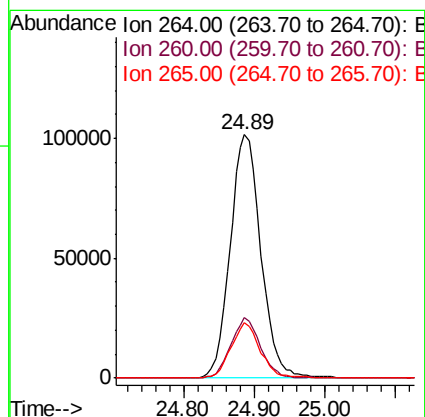
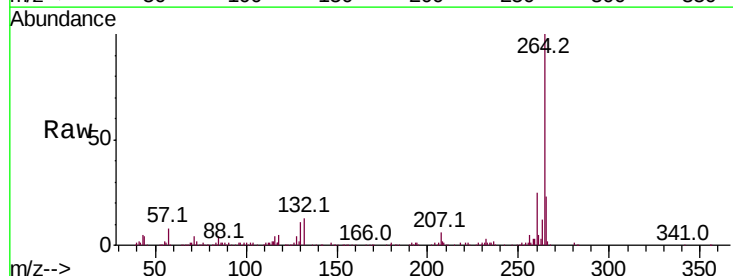
Instrument :
BNA_G
ClientSampleId :
PB113205BS

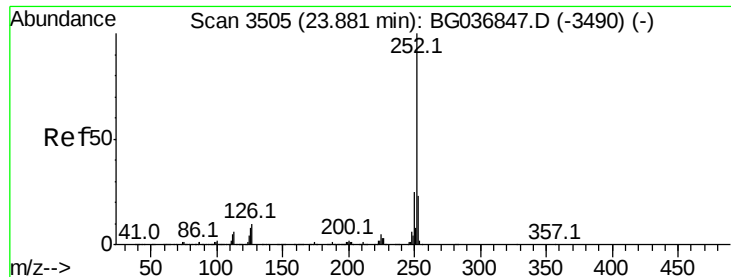
Tot Ion:276 Resp: 811891
Ion Ratio Lower Upper
276 100
138 19.7 10.6 15.8#
277 25.3 20.6 30.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Tgt Ion:264 Resp: 306721
Ion Ratio Lower Upper
264 100
260 24.7 19.6 29.4
265 22.9 17.4 26.0

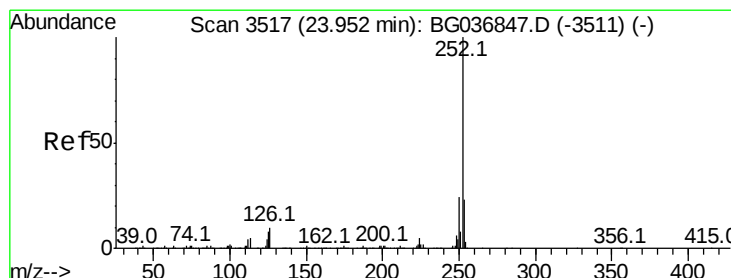
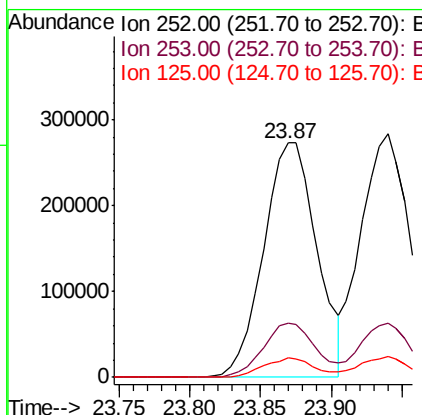
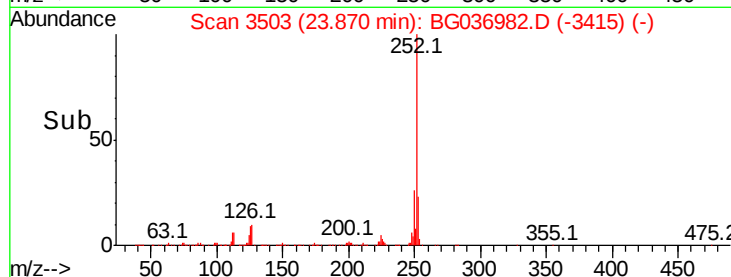
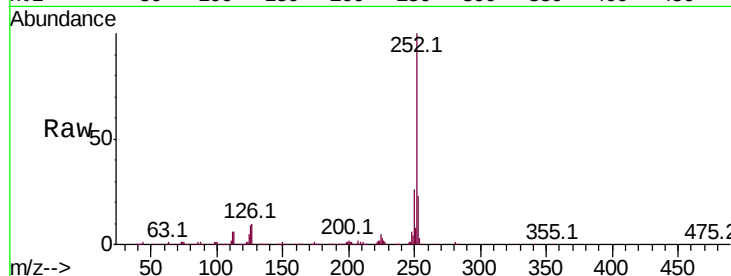




#87
Benzo(b)fluoranthene
Concen: 44.144 ng
RT: 23.87 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

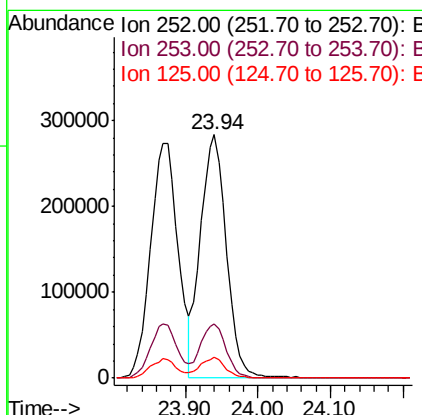
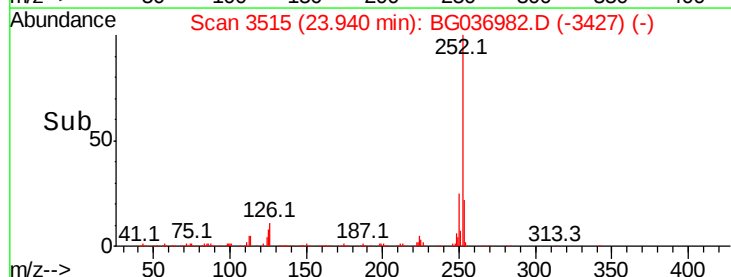
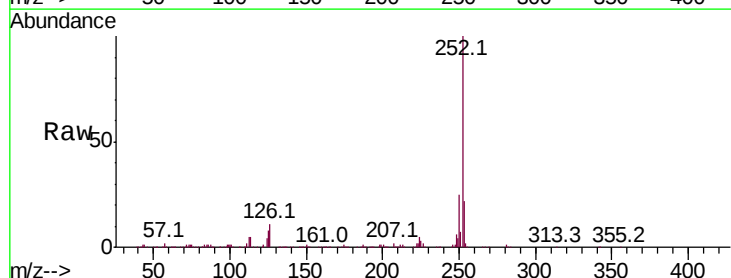
Instrument :
BNA_G
ClientSampleId :
PB113205BS

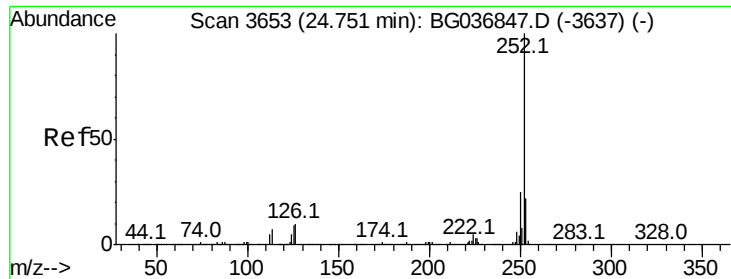
Tot Ion:252 Resp: 721570
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 8.6 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 42.791 ng
RT: 23.94 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG036982.D
Acq: 26 Sep 2018 15:18

Tgt Ion:252 Resp: 701734
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 8.4 7.0 10.6





#89

Benzo(a)pyrene

Concen: 44.026 ng

RT: 24.74 min Scan# 3651

Delta R.T. -0.01 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

Instrument :

BNA_G

ClientSampleId :

PB113205BS

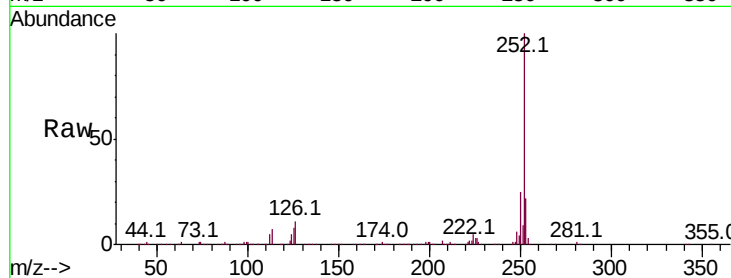
Tot Ion:252 Resp: 695743

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

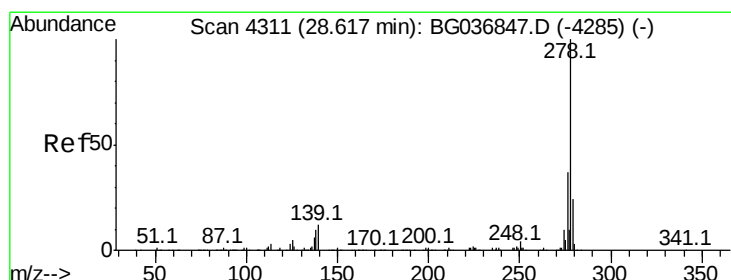
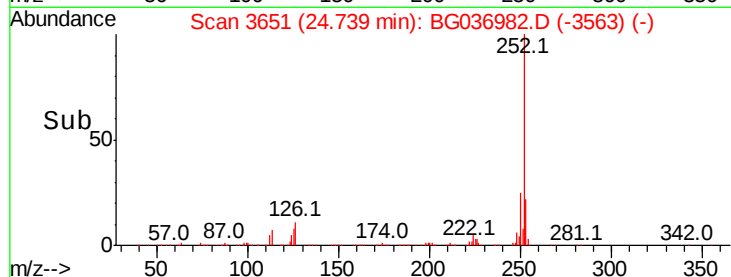
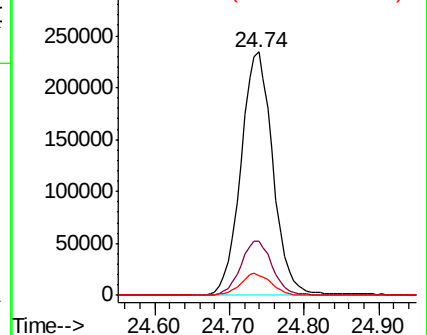
125 8.1 7.3 10.9



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: 44.537 ng

RT: 28.59 min Scan# 4307

Delta R.T. -0.02 min

Lab File: BG036982.D

Acq: 26 Sep 2018 15:18

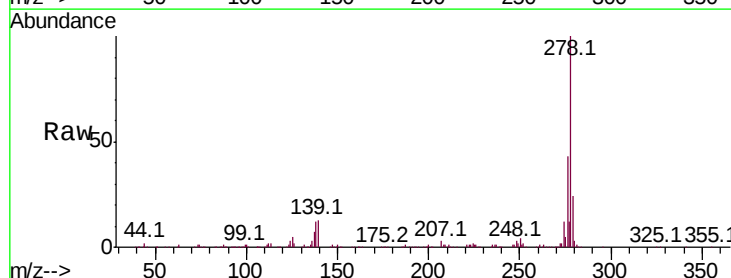
Tgt Ion:278 Resp: 659617

Ion Ratio Lower Upper

278 100

139 12.6 11.0 16.4

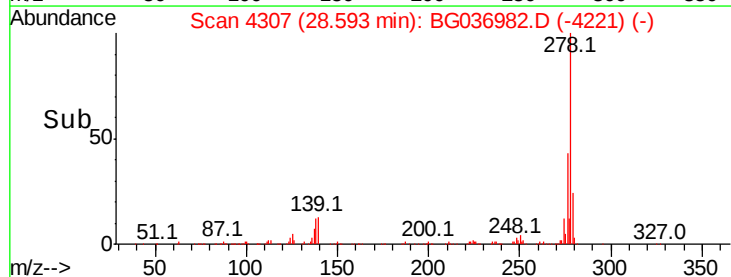
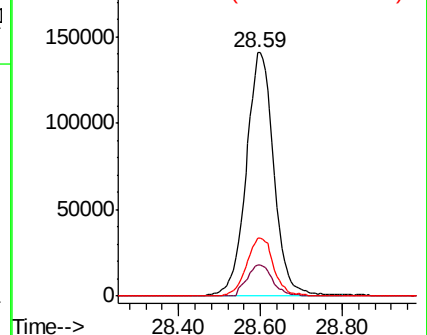
279 23.7 18.7 28.1

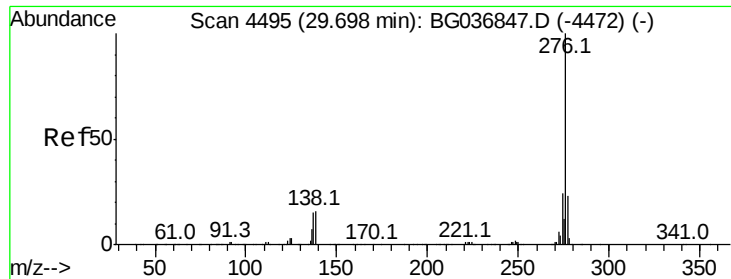


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

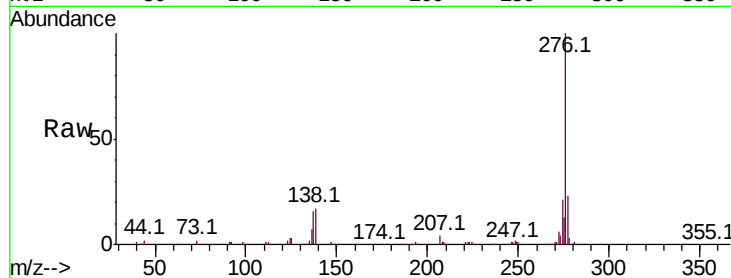




#91
 Benzo(a,h,i)perylene
 Concen: 45.308 ng
 RT: 29.67 min Scan# 4490
 Delta R.T. -0.03 min
 Lab File: BG036982.D
 Acq: 26 Sep 2018 15:18

Instrument :
 BNA_G
 ClientSampleId :
 PB113205BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.4	27.6
138	17.0	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

