

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036702.D
 Acq On : 14 Sep 2018 11:15
 Operator : JU/SJ
 Sample : PB112800BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112800BS

Quant Time: Sep 14 11:50:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	60461	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	291544	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	205210	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	479929	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	447486	20.00	ng	-0.01
86) Perylene-d12	24.89	264	434585	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	439083	115.20	ng	0.00
7) Phenol-d6	7.21	99	617165	113.09	ng	0.00
23) Nitrobenzene-d5	9.22	82	368826	68.64	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	262835	107.34	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	931142	64.79	ng	-0.01
78) Terphenyl-d14	20.02	244	1306328	68.23	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	49350	27.744	ng	98
3) Pyridine	3.92	79	152375	30.518	ng	93
4) n-Nitrosodimethylamine	3.83	42	81198	36.512	ng	100
6) Aniline	7.38	93	230604	33.292	ng	97
8) 2-Chlorophenol	7.62	128	180965	43.782	ng	98
9) Benzaldehyde	7.19	77	103190	27.460	ng	97
10) Phenol	7.24	94	257058	45.013	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	170925	37.753	ng	99
12) 1,3-Dichlorobenzene	7.94	146	171836	36.409	ng	97
13) 1,4-Dichlorobenzene	8.09	146	176458	37.032	ng	99
14) 1,2-Dichlorobenzene	8.41	146	169022	37.142	ng	98
15) Benzyl Alcohol	8.29	79	184664	41.977	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	324333	35.523	ng	100
17) 2-Methylphenol	8.49	107	173616	45.785	ng	97
18) Hexachloroethane	9.13	117	63094	36.931	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	153167	37.556	ng	93
20) 3+4-Methylphenols	8.82	107	242454	45.797	ng	98
22) Acetophenone	8.87	105	282941	36.958	ng	# 99
24) Nitrobenzene	9.26	77	224817	38.800	ng	98
25) Isophorone	9.77	82	430405	40.321	ng	98
26) 2-Nitrophenol	9.97	139	100117	43.603	ng	99
27) 2,4-Dimethylphenol	10.02	122	190699	44.860	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	253630	38.715	ng	98
29) 2,4-Dichlorophenol	10.50	162	209774	45.027	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	201393	36.952	ng	98
31) Naphthalene	10.91	128	579106	39.736	ng	99
32) Benzoic acid	10.16	122	93842	31.476	ng	97
33) 4-Chloroaniline	11.01	127	180532	27.032	ng	98
34) Hexachlorobutadiene	11.19	225	135098	36.894	ng	99
35) Caprolactam	11.80	113	74425	40.102	ng	# 78
36) 4-Chloro-3-methylphenol	12.12	107	231039	42.679	ng	99
37) 2-Methylnaphthalene	12.51	142	463478	43.463	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	275672	37.960	ng	99
40) Hexachlorocyclopentadiene	12.85	237	299484	79.260	ng	98

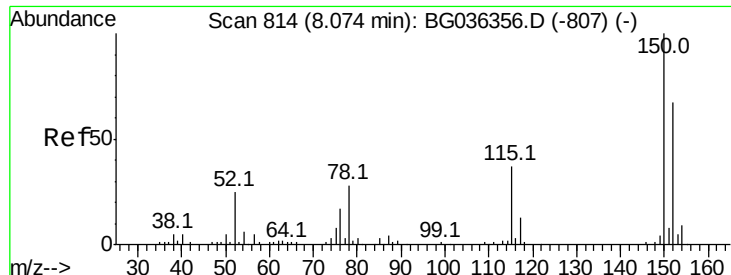
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036702.D
 Acq On : 14 Sep 2018 11:15
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	184223	41.644	ng	93
43) 2,4,5-Trichlorophenol	13.18	196	193979	41.111	ng	98
45) 1,1'-Biphenyl	13.51	154	614076	36.050	ng	98
46) 2-Chloronaphthalene	13.56	162	472766	36.355	ng	98
47) 2-Nitroaniline	13.75	65	164956	40.396	ng	98
48) Acenaphthylene	14.40	152	799014	39.315	ng	99
49) Dimethylphthalate	14.13	163	643086	38.378	ng	99
50) 2,6-Dinitrotoluene	14.25	165	140891	40.861	ng	91
51) Acenaphthene	14.75	154	480938	36.950	ng	98
52) 3-Nitroaniline	14.58	138	117591	31.647	ng	97
53) 2,4-Dinitrophenol	14.78	184	87910	67.310	ng	97
54) Dibenzofuran	15.07	168	757367	37.141	ng	100
55) 4-Nitrophenol	14.88	139	188249	61.963	ng	100
56) 2,4-Dinitrotoluene	15.03	165	193019	42.952	ng	90
57) Fluorene	15.72	166	601676	39.470	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	187587	42.315	ng	96
59) Diethylphthalate	15.49	149	621683	36.814	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	351038	37.293	ng	97
61) 4-Nitroaniline	15.74	138	133982	34.458	ng	99
62) Azobenzene	16.01	77	608074	35.390	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	89574	42.488	ng	95
65) n-Nitrosodiphenylamine	15.93	169	541050	37.941	ng	98
66) 4-Bromophenyl-phenylether	16.61	248	223191	39.721	ng	98
67) Hexachlorobenzene	16.73	284	225792	39.298	ng	100
68) Atrazine	16.87	200	210656	39.356	ng	98
69) Pentachlorophenol	17.07	266	243329	62.313	ng	98
70) Phenanthrene	17.47	178	948230	38.883	ng	98
71) Anthracene	17.55	178	961956	39.572	ng	99
72) Carbazole	17.82	167	798149	32.876	ng	99
73) Di-n-butylphthalate	18.38	149	917532	33.940	ng	99
74) Fluoranthene	19.46	202	1067250	35.895	ng	99
76) Benzidine	19.65	184	396798	27.793	ng	99
77) Pyrene	19.83	202	1047027	38.049	ng	99
79) Butylbenzylphthalate	20.71	149	412545	37.671	ng	97
80) Benzo(a)anthracene	21.67	228	1057074	38.993	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	294554	27.263	ng	98
82) Chrysene	21.73	228	985932	38.369	ng	100
83) Bis(2-ethylhexyl)phthalate	21.57	149	567846	37.054	ng	97
84) Di-n-octyl phthalate	22.78	149	958768	37.456	ng	97
85) Indeno(1,2,3-cd)pyrene	28.53	276	1018126	34.113	ng	97
87) Benzo(b)fluoranthene	23.88	252	1021896	42.345	ng	96
88) Benzo(k)fluoranthene	23.94	252	1010796	42.873	ng	99
89) Benzo(a)pyrene	24.74	252	985102	42.480	ng	100
90) Dibenzo(a,h)anthracene	28.59	278	797900	35.641	ng	99
91) Benzo(g,h,i)perylene	29.67	276	859369	38.199	ng	98

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

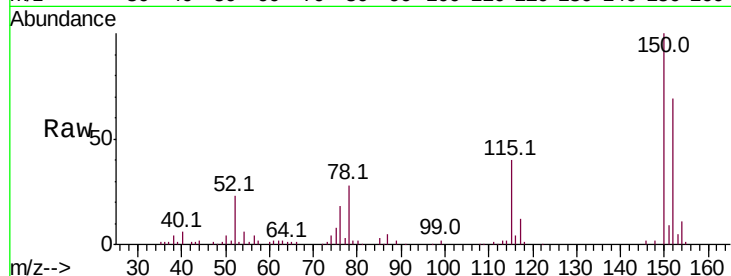


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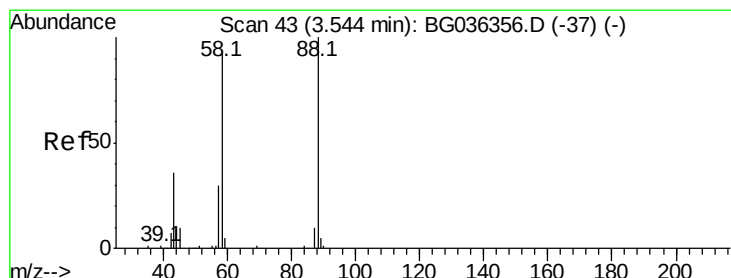
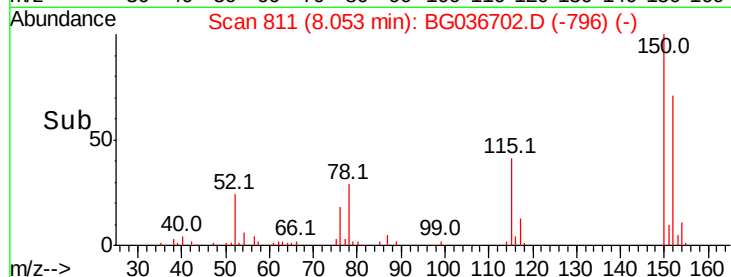
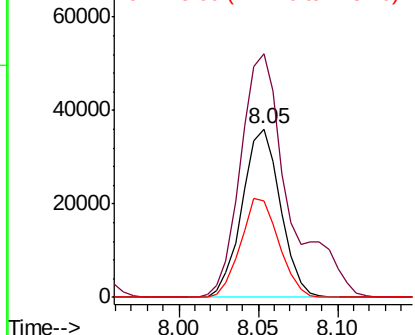
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB112800BS

Tot Ion:152 Resp: 60461
Ion Ratio Lower Upper
152 100
150 144.6 119.5 179.3
115 57.5 44.5 66.7



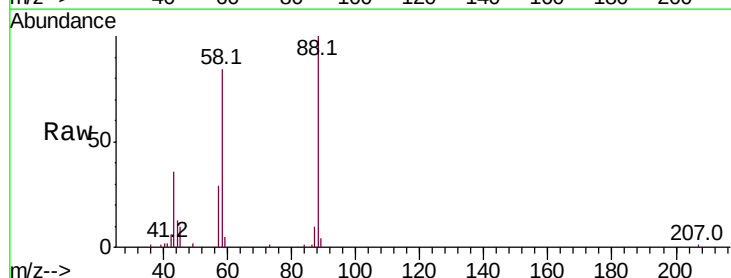
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



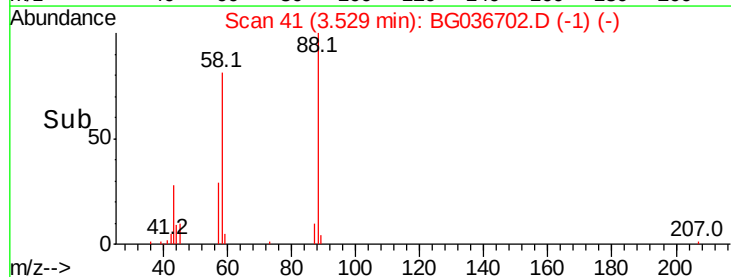
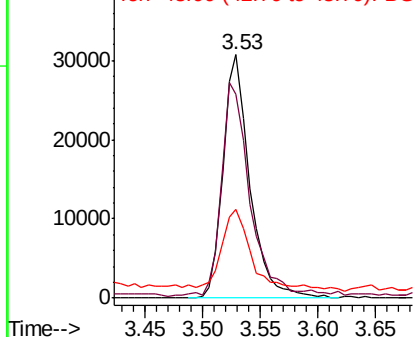
#2

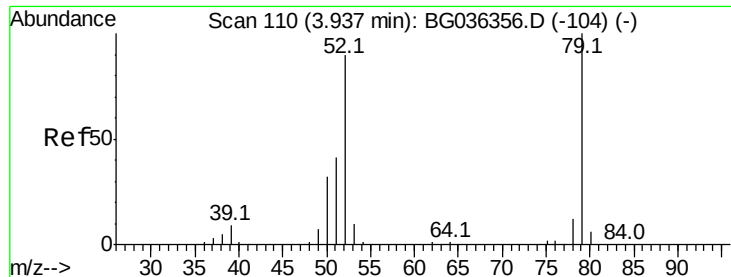
1,4-Dioxane
Concen: 27.744 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

Tgt Ion: 88 Resp: 49350
Ion Ratio Lower Upper
88 100
58 92.1 72.6 109.0
43 38.9 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: 30.518 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.02 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PB112800BS

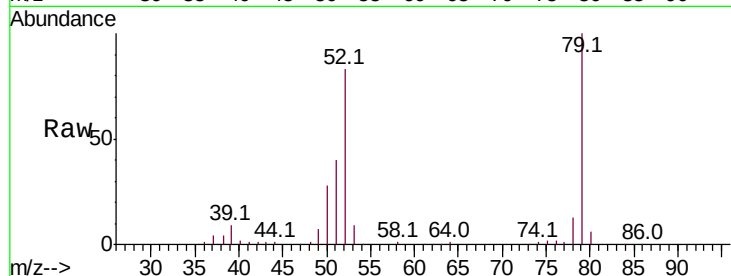
Tot Ion: 79 Resp: 152375

Ion Ratio Lower Upper

79 100

52 82.9 72.3 108.5

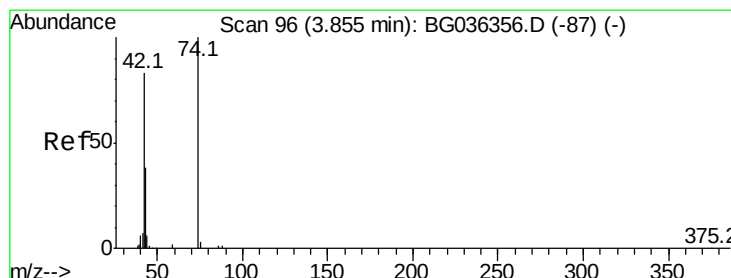
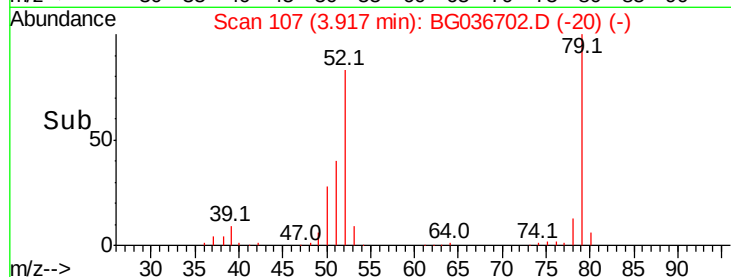
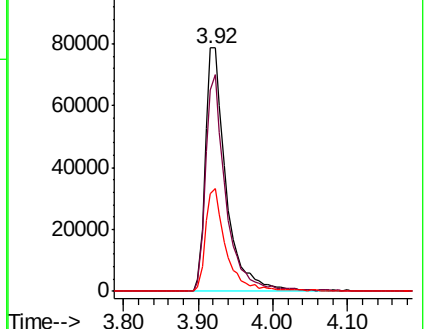
51 39.9 33.8 50.6



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 36.512 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

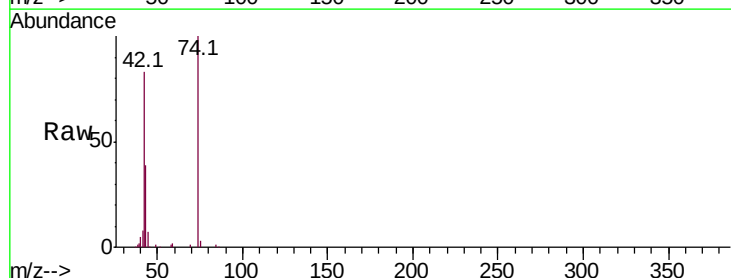
Tgt Ion: 42 Resp: 81198

Ion Ratio Lower Upper

42 100

74 120.3 96.6 145.0

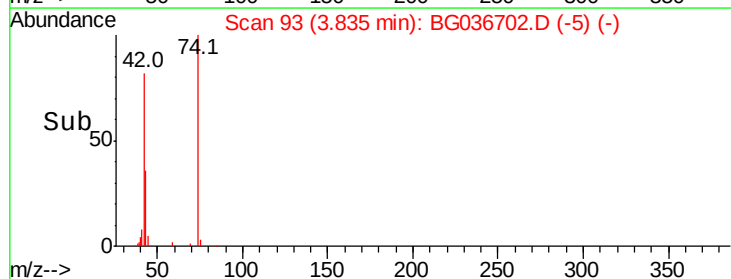
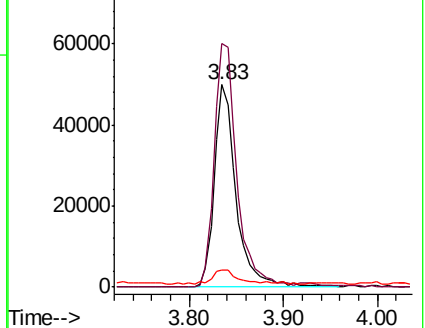
44 8.4 7.0 10.4

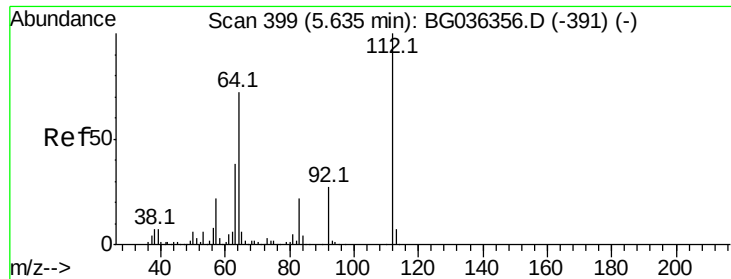


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 115.201 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PB112800BS

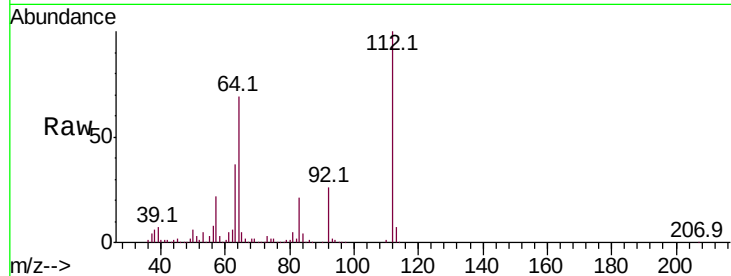
Tot Ion:112 Resp: 439083

Ion Ratio Lower Upper

112 100

64 69.3 57.2 85.8

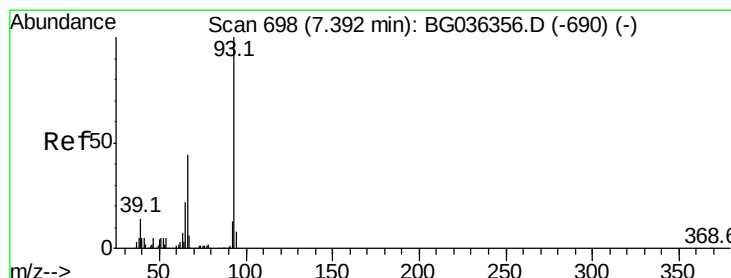
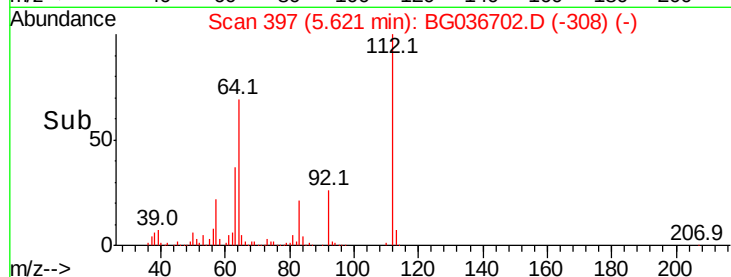
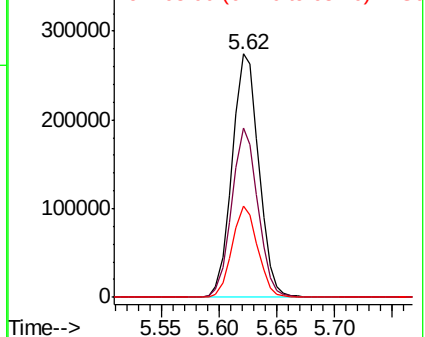
63 37.3 30.8 46.2



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: 33.292 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

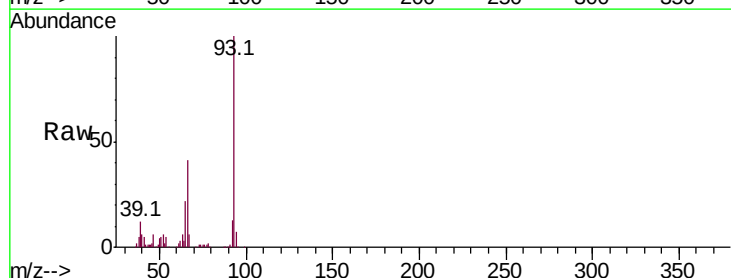
Tgt Ion: 93 Resp: 230604

Ion Ratio Lower Upper

93 100

66 41.4 35.0 52.4

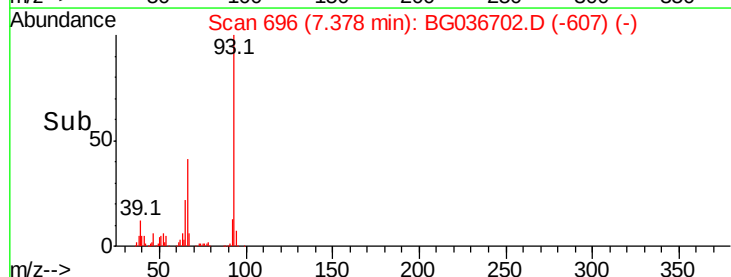
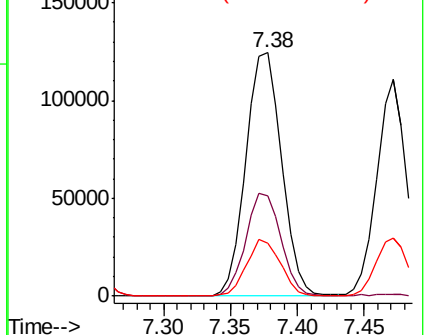
65 21.6 17.6 26.4

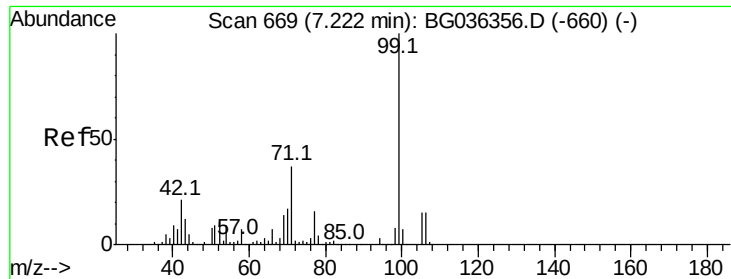


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.095 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PB112800BS

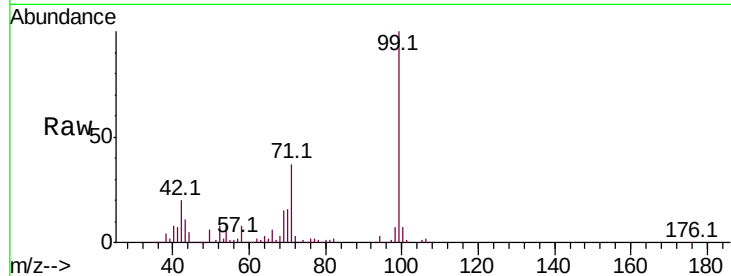
Tot Ion: 99 Resp: 617165

Ion Ratio Lower Upper

99 100

42 19.7 16.5 24.7

71 36.9 29.4 44.2

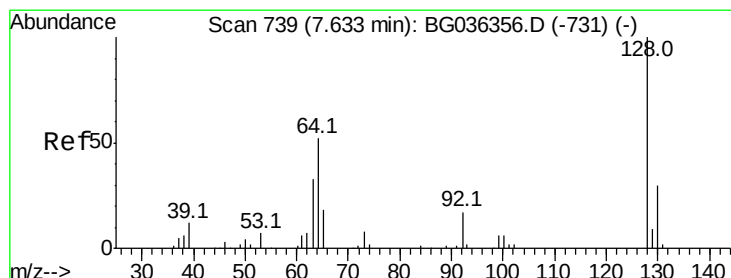
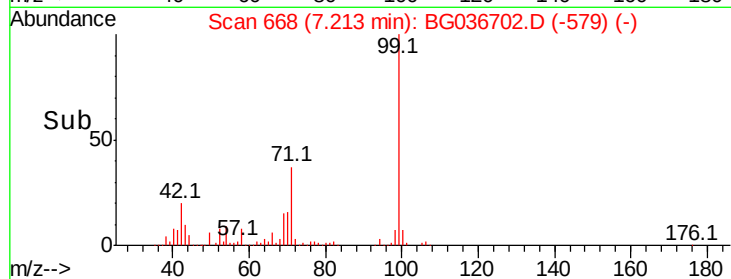
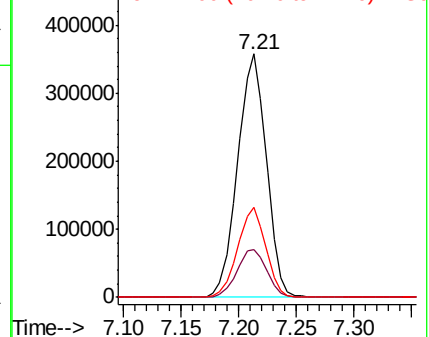


Abundance

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: 43.782 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

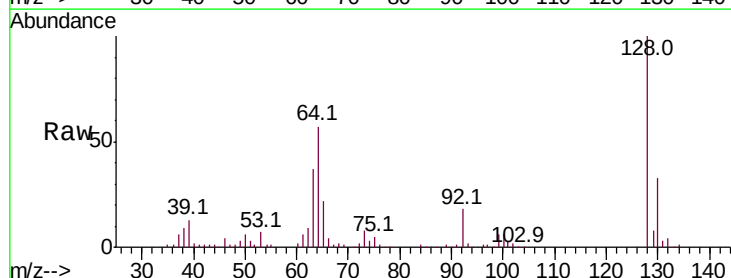
Tgt Ion:128 Resp: 180965

Ion Ratio Lower Upper

128 100

130 32.6 10.0 50.0

64 56.8 36.0 76.0

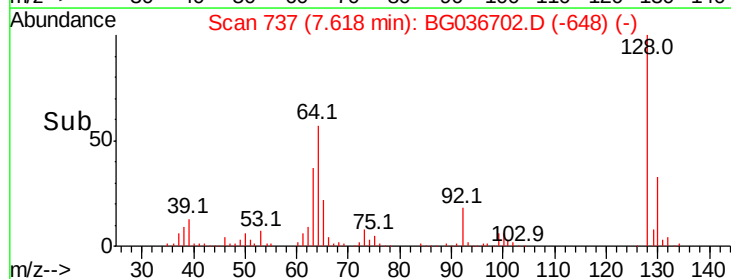
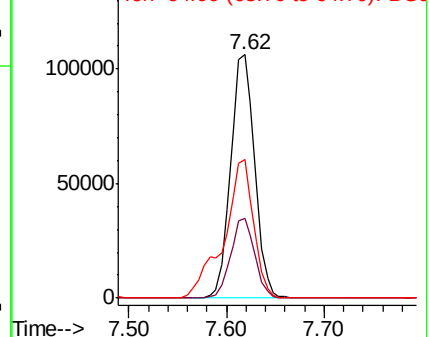


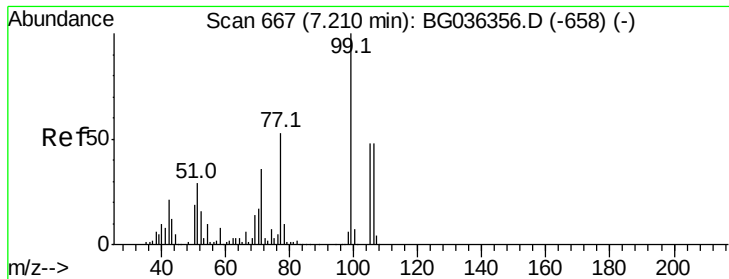
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 27.460 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PB112800BS

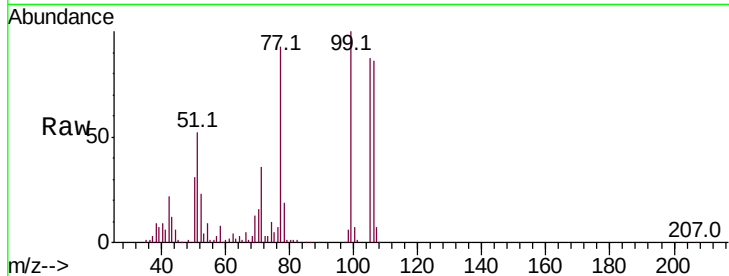
Tot Ion: 77 Resp: 103190

Ion Ratio Lower Upper

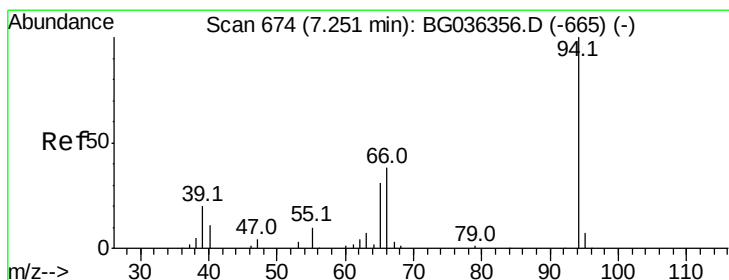
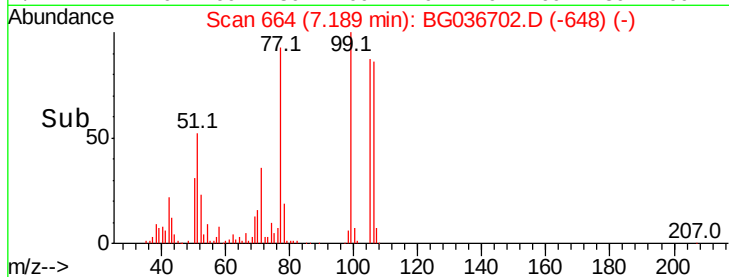
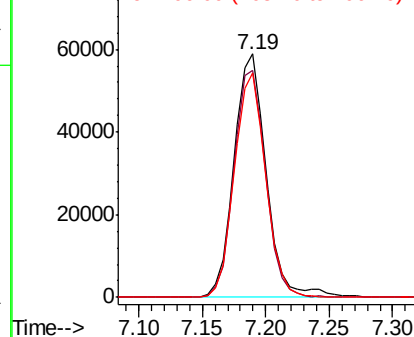
77 100

105 93.5 70.5 110.5

106 92.2 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: 45.013 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

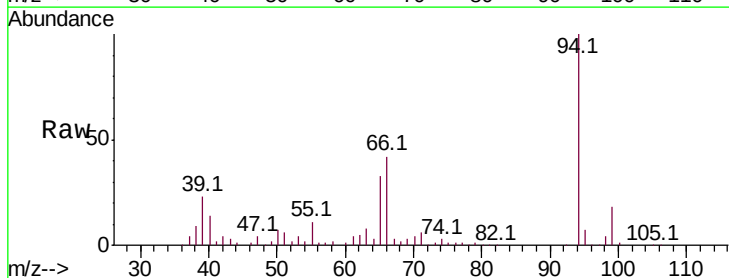
Tgt Ion: 94 Resp: 257058

Ion Ratio Lower Upper

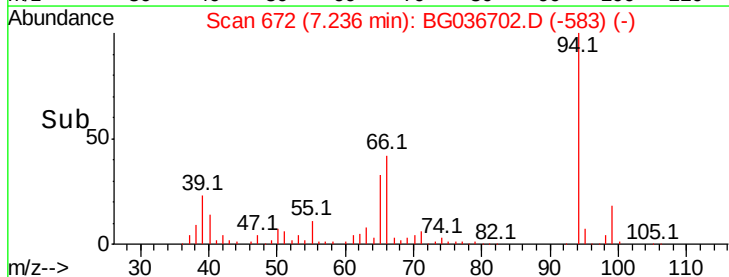
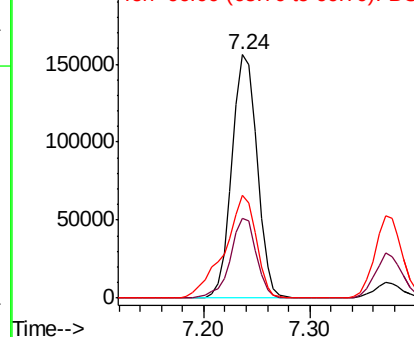
94 100

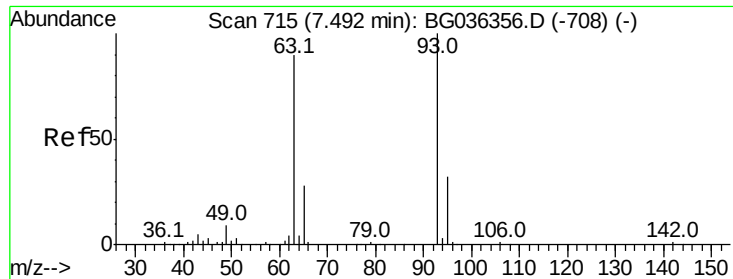
65 32.9 11.5 51.5

66 42.3 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: 37.753 ng

RT: 7.47 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PB112800BS

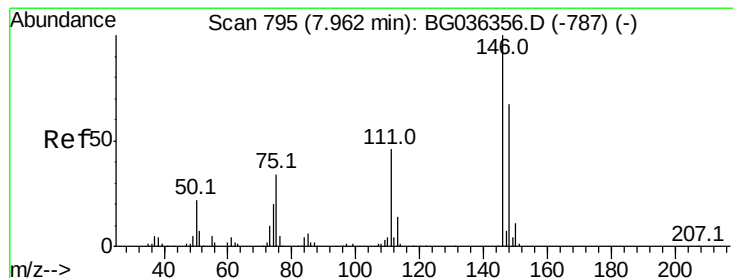
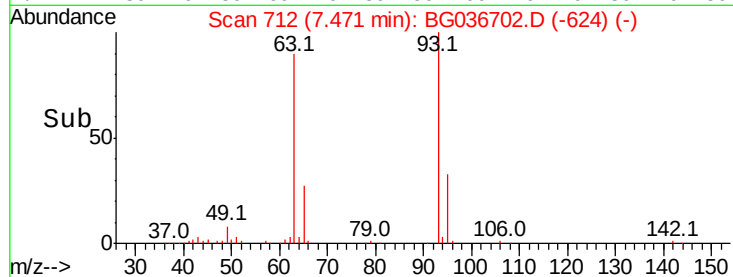
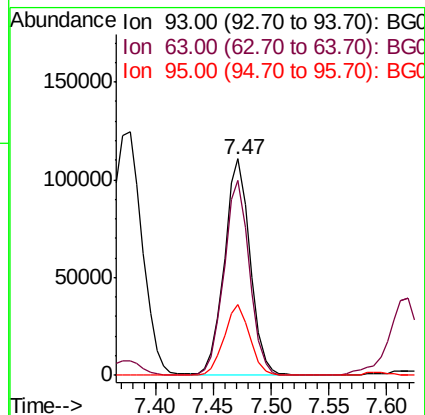
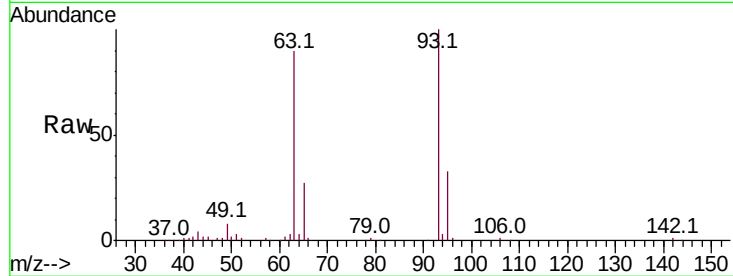
Tot Ion: 93 Resp: 170925

Ion Ratio Lower Upper

93 100

63 90.1 69.9 109.9

95 32.6 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 36.409 ng

RT: 7.94 min Scan# 792

Delta R.T. -0.01 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

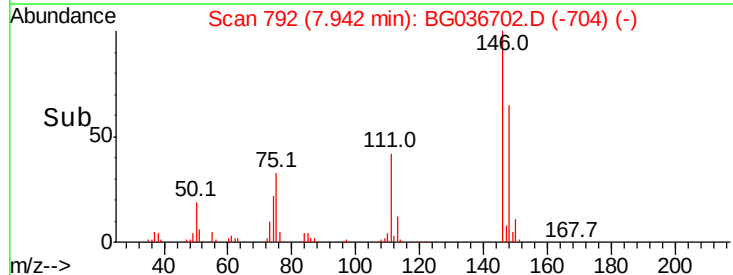
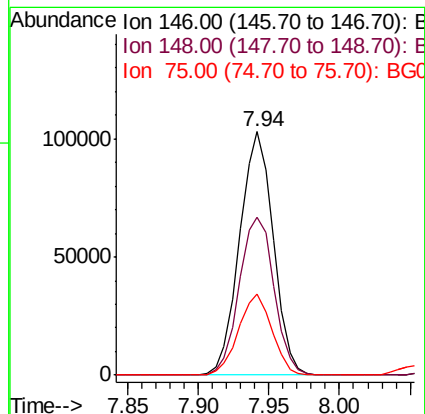
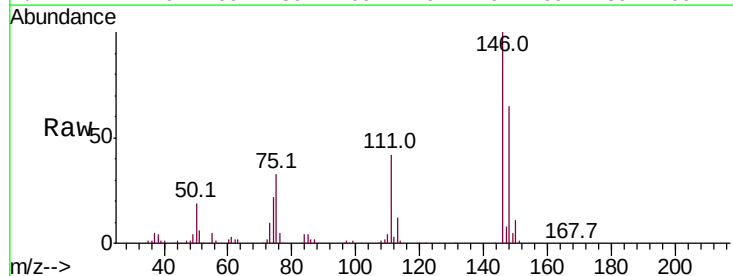
Tgt Ion:146 Resp: 171836

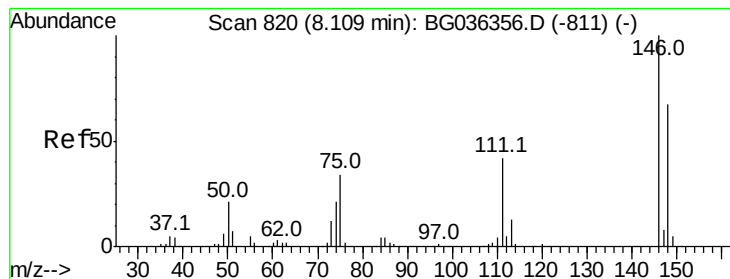
Ion Ratio Lower Upper

146 100

148 64.8 53.8 80.6

75 33.1 27.2 40.8





#13

1,4-Dichlorobenzene

Concen: 37.032 ng

RT: 8.09 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PB112800BS

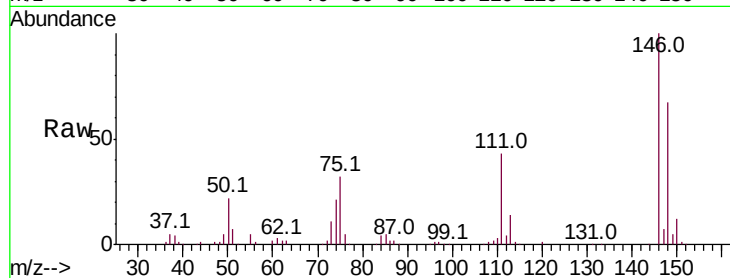
Tot Ion:146 Resp: 176458

Ion Ratio Lower Upper

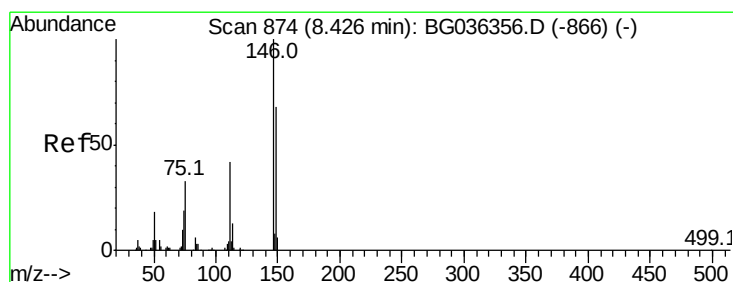
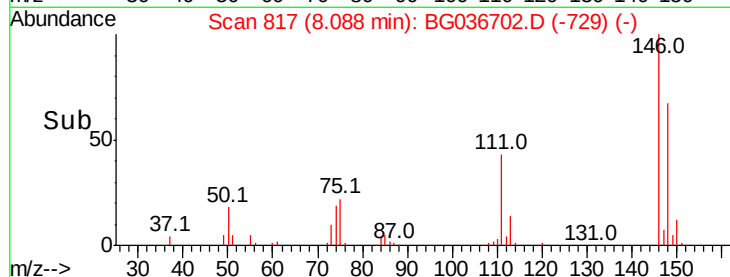
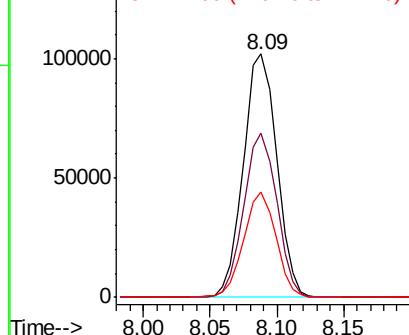
146 100

148 67.2 53.9 80.9

111 43.2 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: 37.142 ng

RT: 8.41 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

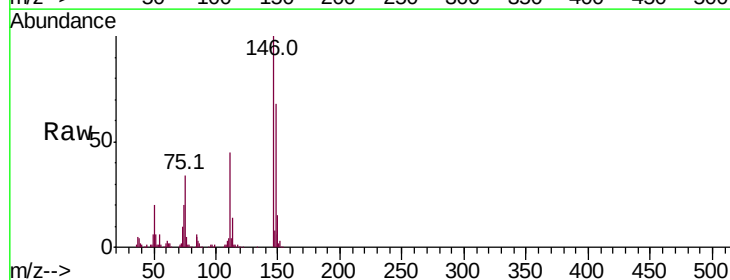
Tgt Ion:146 Resp: 169022

Ion Ratio Lower Upper

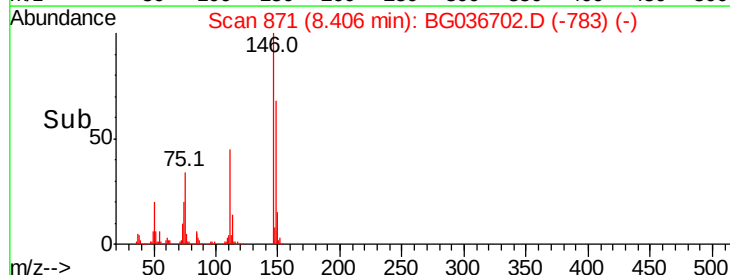
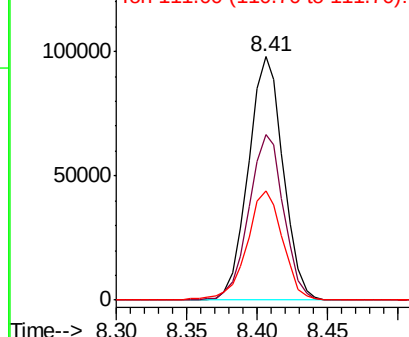
146 100

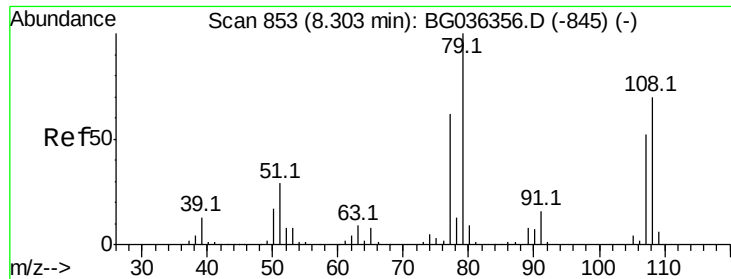
148 68.2 55.0 82.6

111 44.9 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

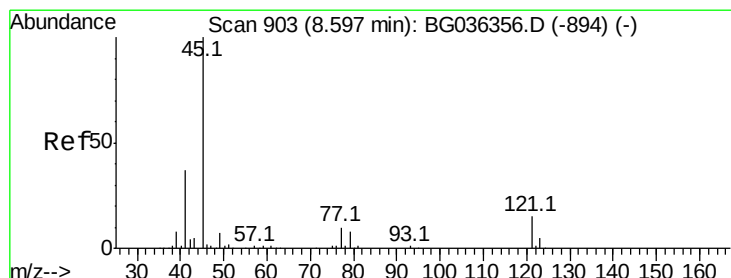
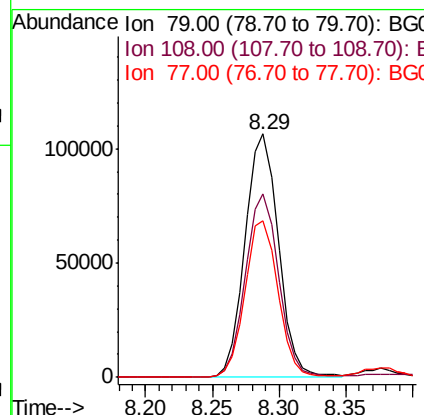
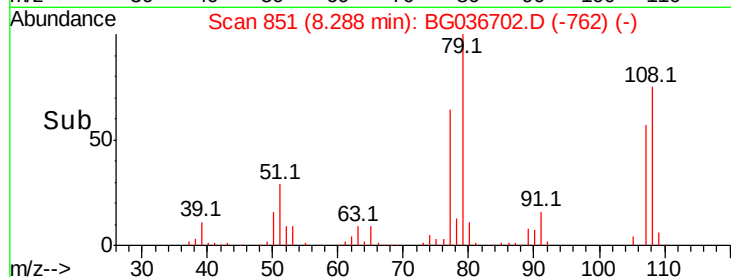
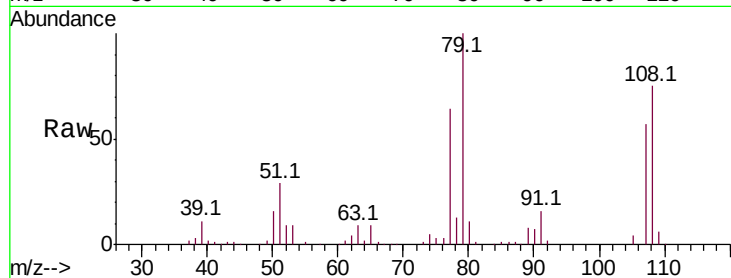




#15
Benzyl Alcohol
Concen: 41.977 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.00 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

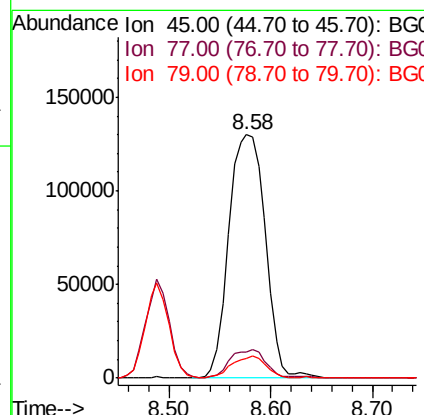
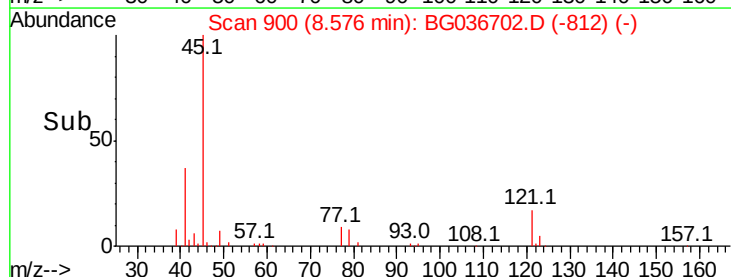
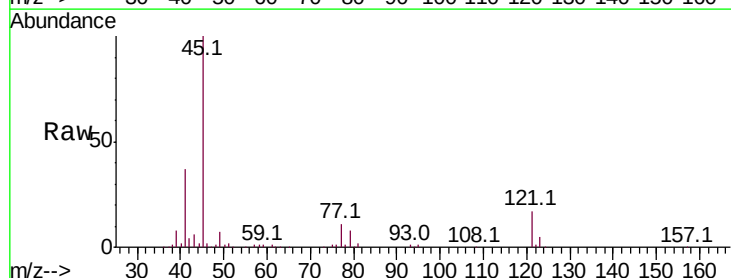
Instrument :
BNA_G
ClientSampleId :
PB112800BS

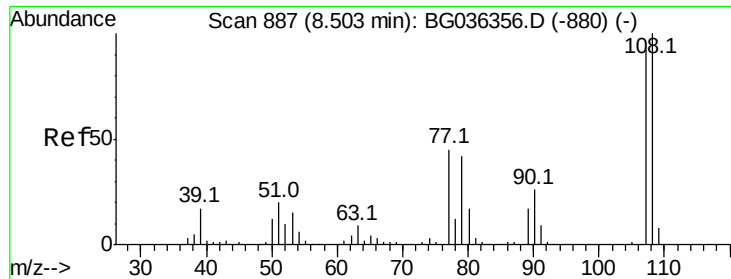
Tot Ion: 79 Resp: 184664
Ion Ratio Lower Upper
79 100
108 75.2 55.9 83.9
77 64.3 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.523 ng
RT: 8.58 min Scan# 900
Delta R.T. -0.01 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

Tgt Ion: 45 Resp: 324333
Ion Ratio Lower Upper
45 100
77 10.6 0.0 30.5
79 8.1 0.0 27.9

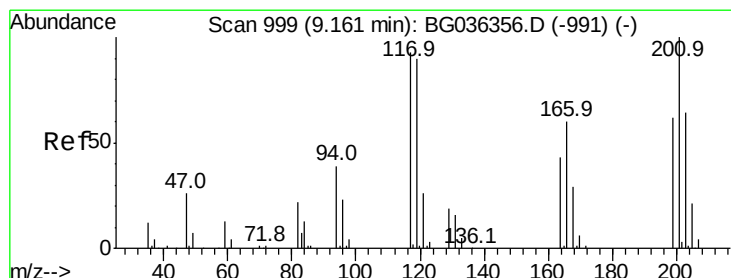
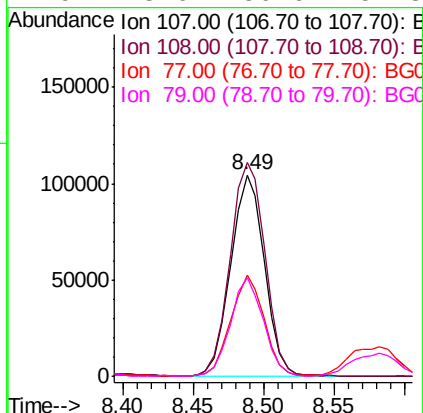
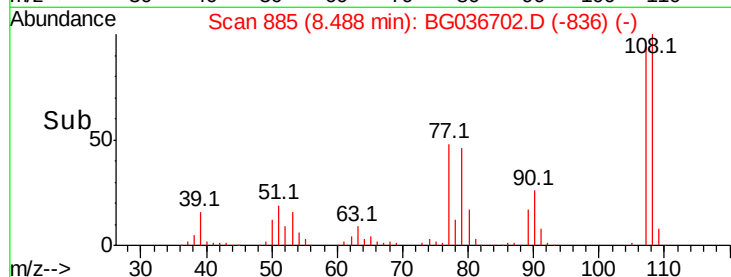
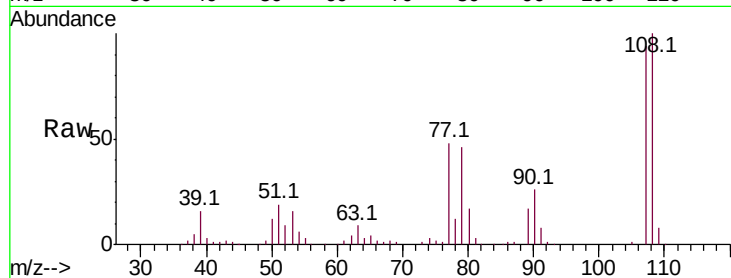




#17
2-Methylphenol
Concen: 45.785 ng
RT: 8.49 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

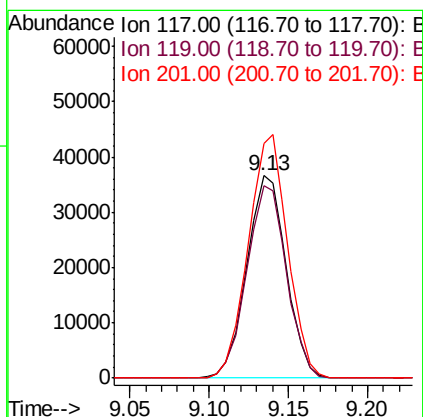
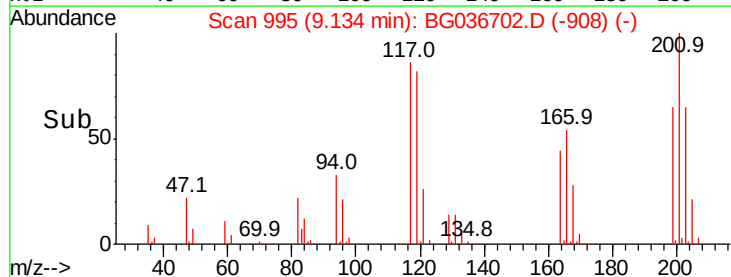
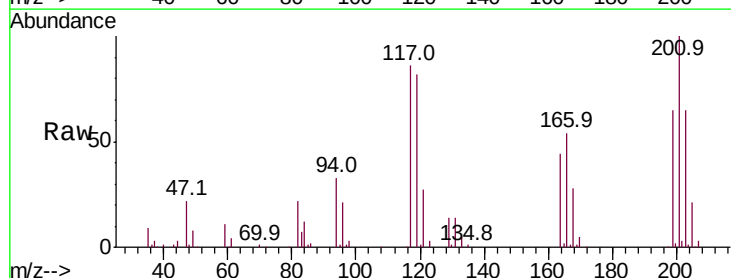
Instrument :
BNA_G
ClientSampleId :
PB112800BS

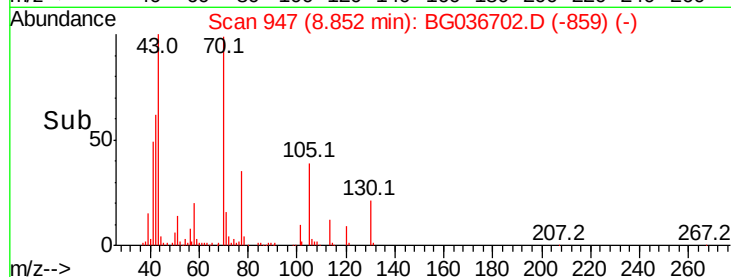
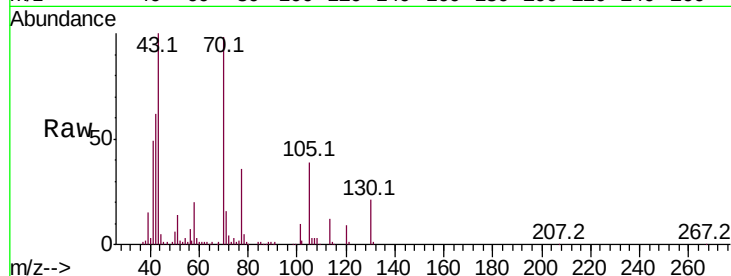
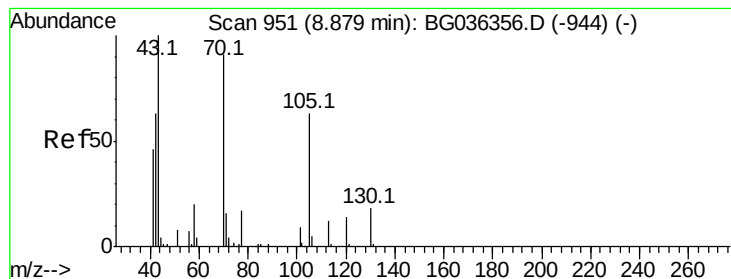
Tot Ion:	107	Resp:	173616
Ion	Ratio	Lower	Upper
107	100		
108	106.0	86.7	130.1
77	50.4	39.0	58.4
79	48.6	36.6	54.8



#18
Hexachloroethane
Concen: 36.931 ng
RT: 9.13 min Scan# 995
Delta R.T. -0.02 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

Tgt Ion:	117	Resp:	63094
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.8	115.2
201	116.3	85.7	128.5





#19

n-Nitroso-di-n-propylamine

Concen: 37.556 ng

RT: 8.85 min Scan# 947

Delta R.T. -0.01 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PB112800BS

Tot Ion: 70 Resp: 153167

Ion Ratio Lower Upper

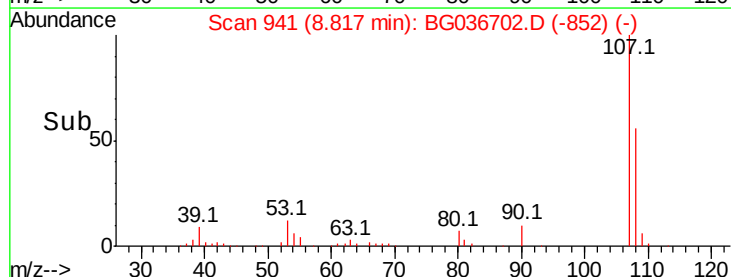
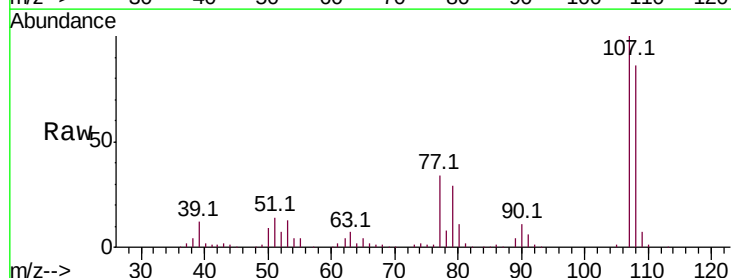
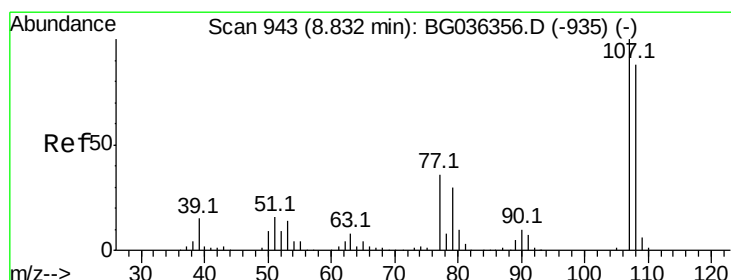
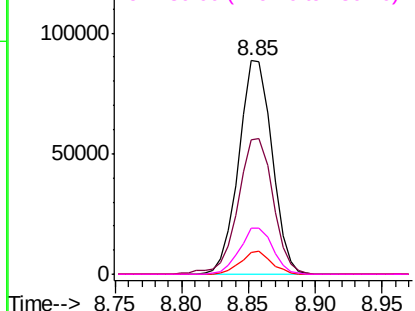
70 100

42 63.0 56.2 84.4

101 10.3 7.8 11.6

130 21.4 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: 45.797 ng

RT: 8.82 min Scan# 941

Delta R.T. -0.00 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Tgt Ion: 107 Resp: 242454

Ion Ratio Lower Upper

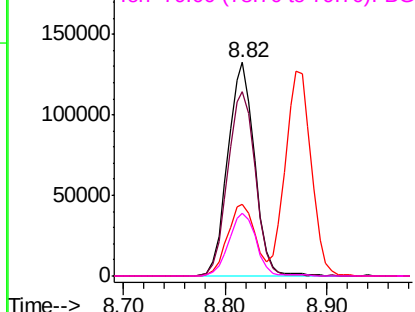
107 100

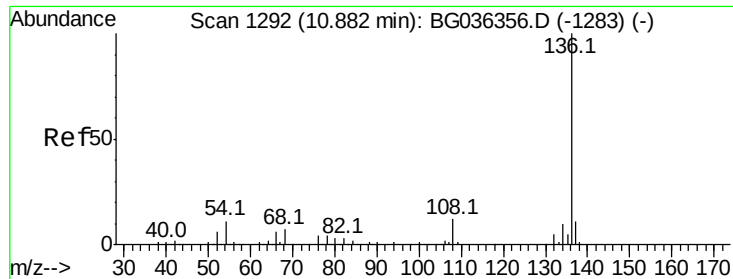
108 86.3 68.0 108.0

77 33.8 15.6 55.6

79 29.3 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: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PB112800BS

Tot Ion:136 Resp: 291544

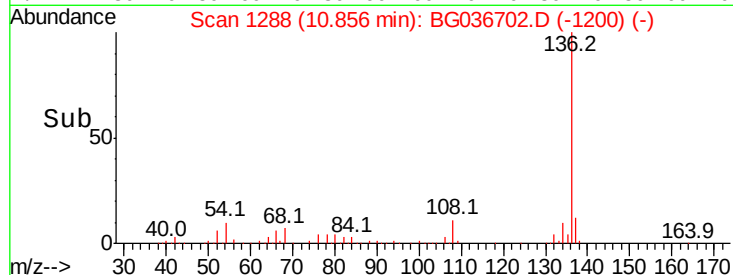
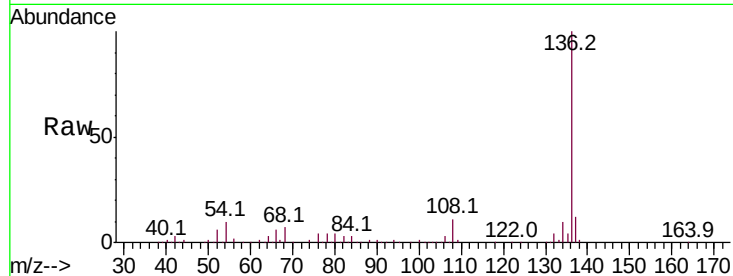
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 10.2 9.2 13.8

68 6.5 5.8 8.6

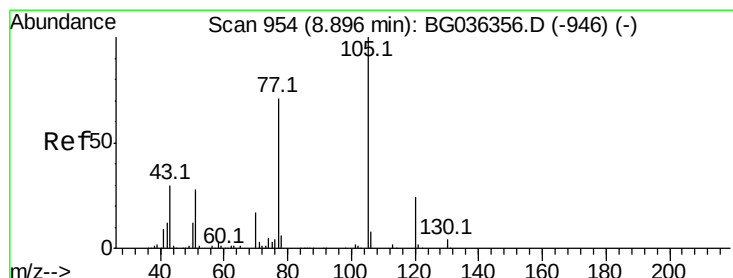
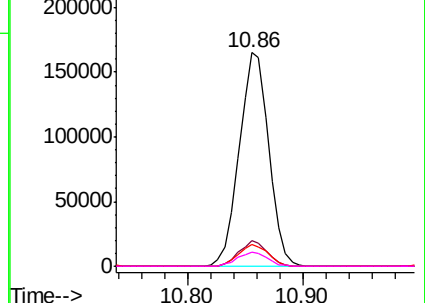


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 36.958 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Tgt Ion:105 Resp: 282941

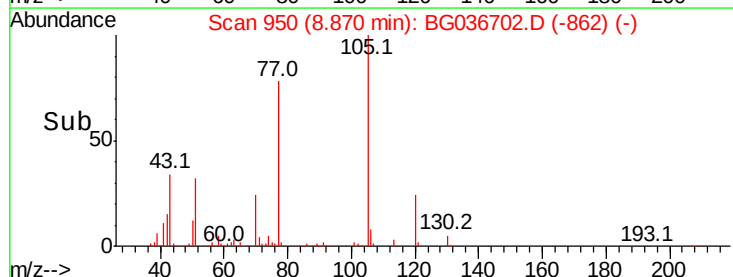
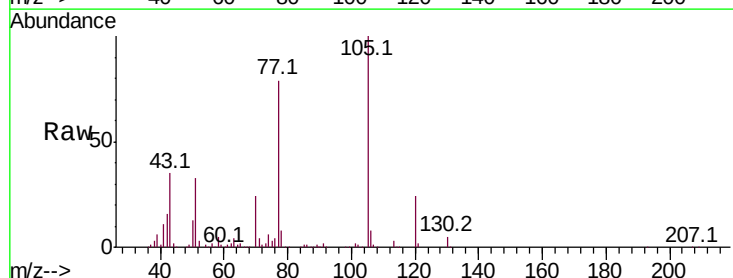
Ion Ratio Lower Upper

105 100

71 3.9 2.4 3.6#

51 32.5 25.9 38.9

120 23.9 19.4 29.0

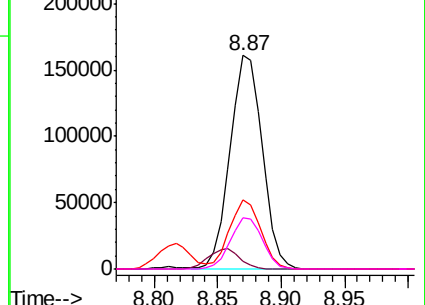


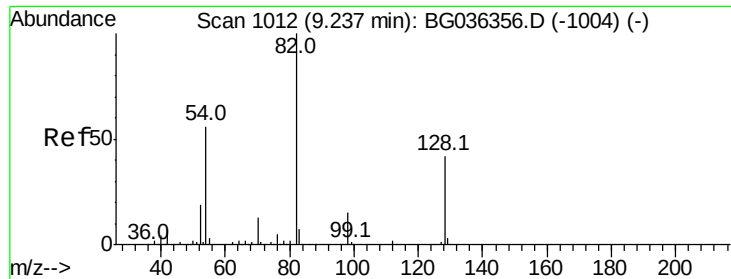
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

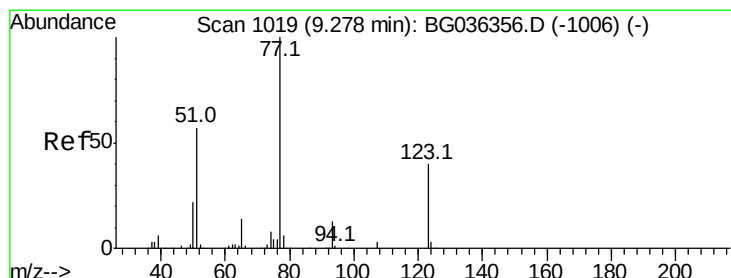
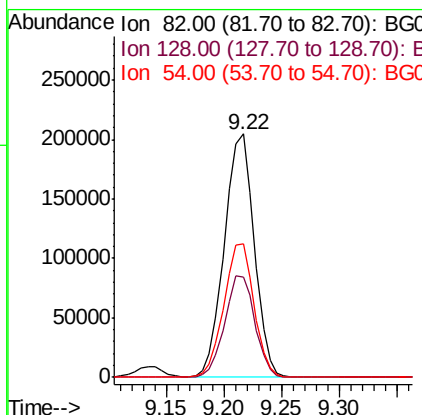
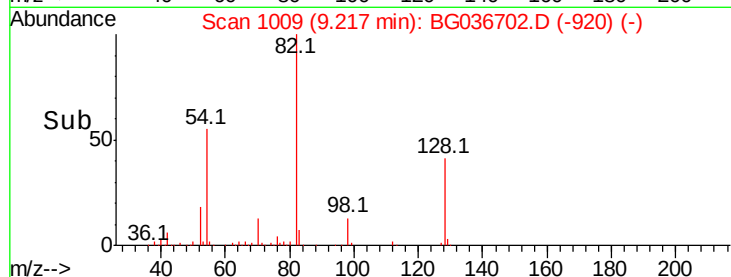
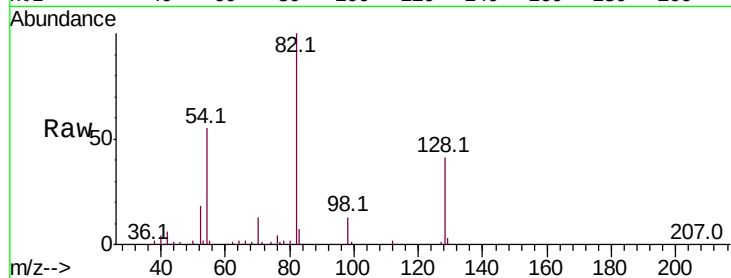




#23
 Nitrobenzene-d5
 Concen: 68.639 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

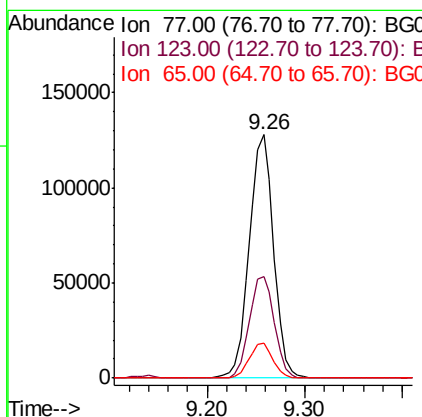
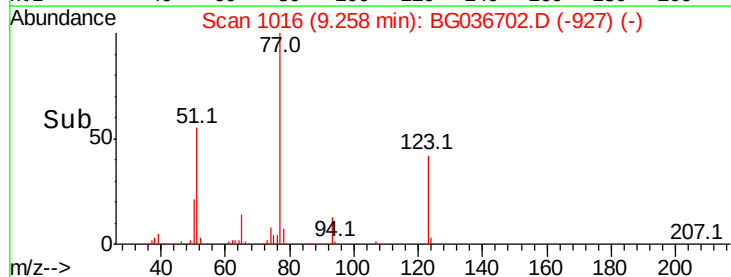
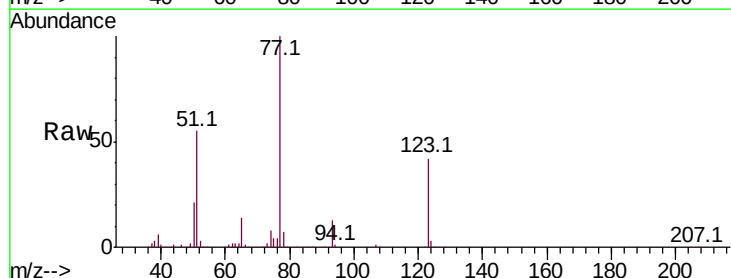
Instrument :
 BNA_G
 ClientSampled :
 PB112800BS

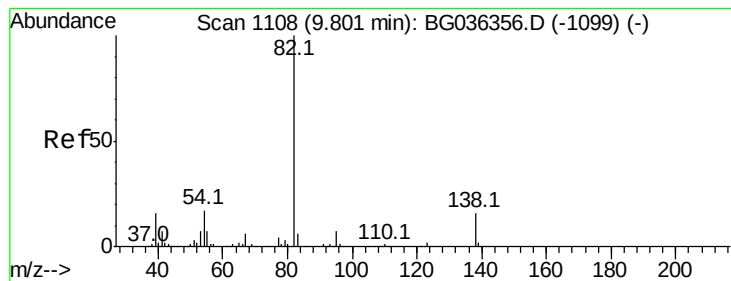
Tot Ion: 82 Resp: 368826
 Ion Ratio Lower Upper
 82 100
 128 41.3 33.3 49.9
 54 54.8 45.1 67.7



#24
 Nitrobenzene
 Concen: 38.800 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

Tgt Ion: 77 Resp: 224817
 Ion Ratio Lower Upper
 77 100
 123 41.8 32.4 48.6
 65 14.2 11.5 17.3





#25

Isophorone

Concen: 40.321 ng

RT: 9.77 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PB112800BS

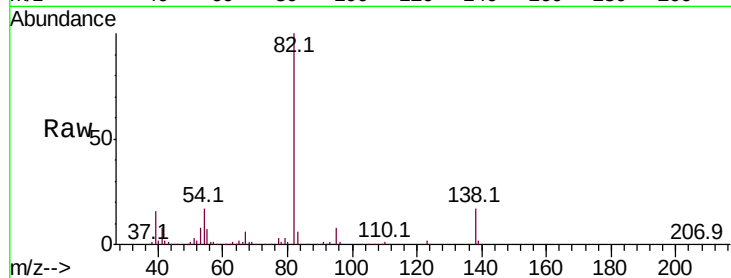
Tot Ion: 82 Resp: 430405

Ion Ratio Lower Upper

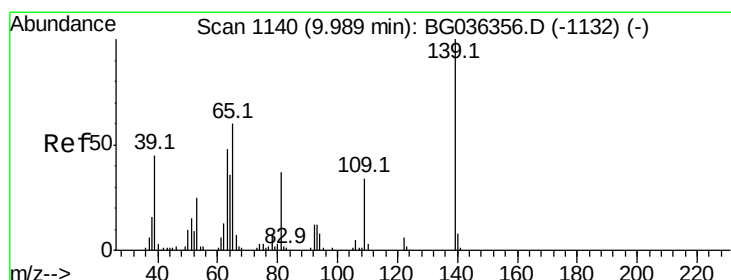
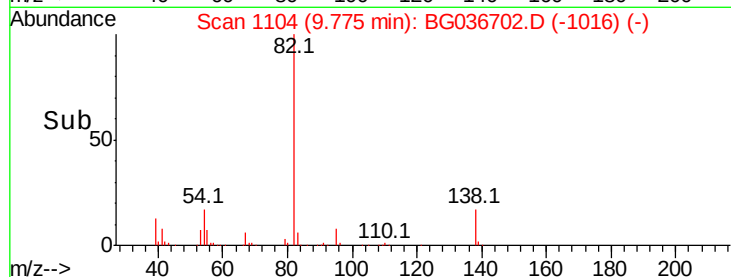
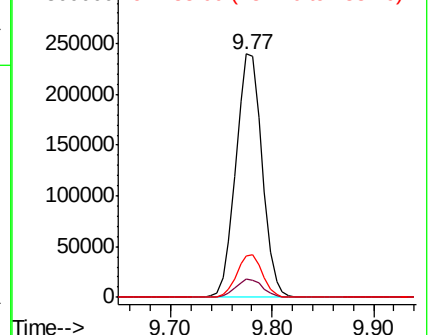
82 100

95 7.7 5.8 8.8

138 17.0 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: 43.603 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

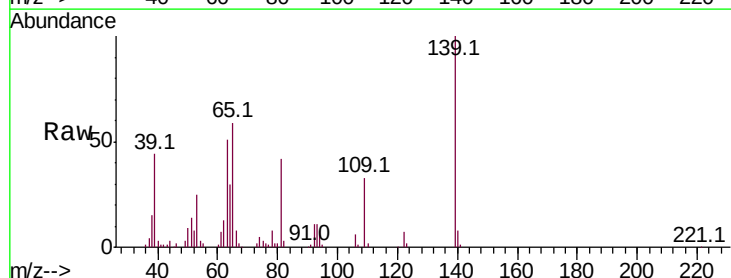
Tgt Ion: 139 Resp: 100117

Ion Ratio Lower Upper

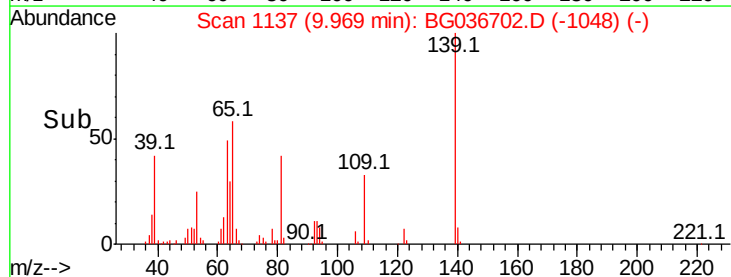
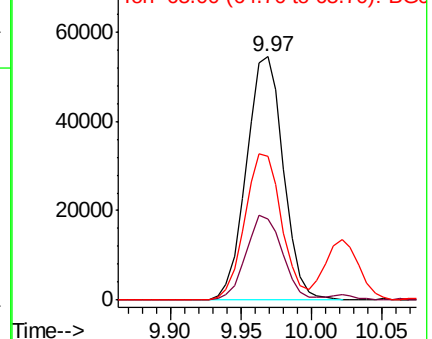
139 100

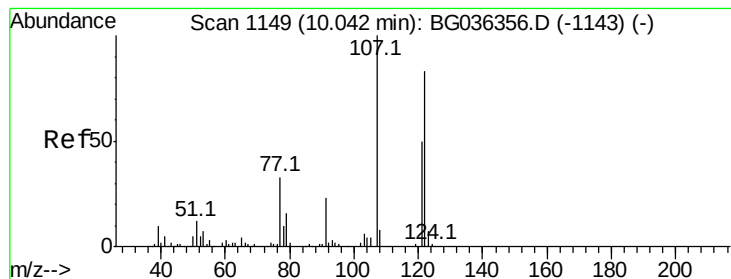
109 33.3 27.4 41.0

65 58.8 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: 44.860 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PB112800BS

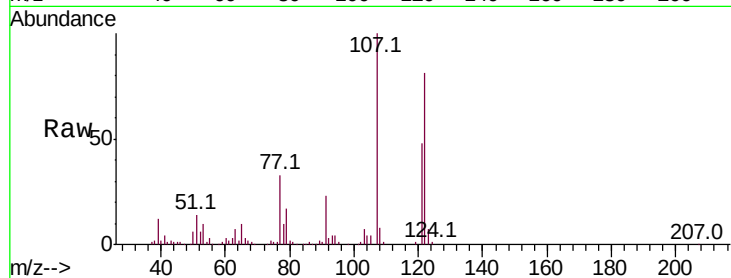
Tot Ion:122 Resp: 190699

Ion Ratio Lower Upper

122 100

107 123.1 96.0 144.0

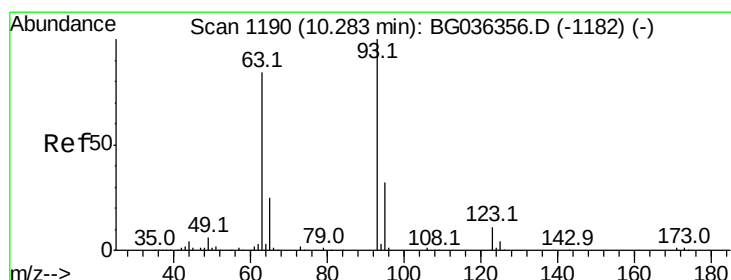
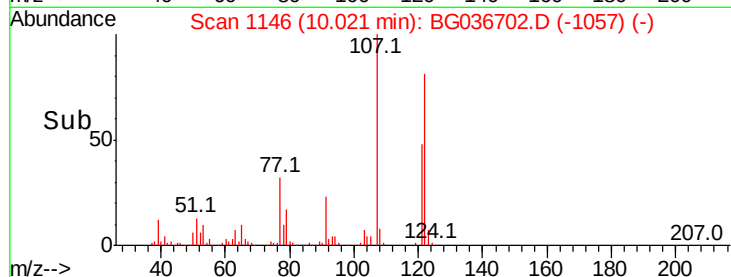
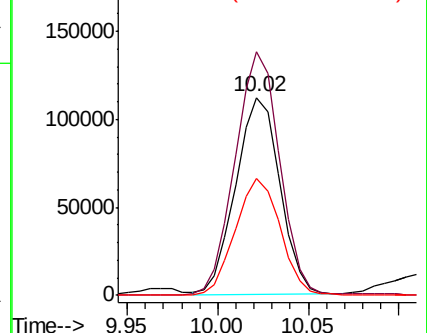
121 59.0 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.715 ng

RT: 10.26 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

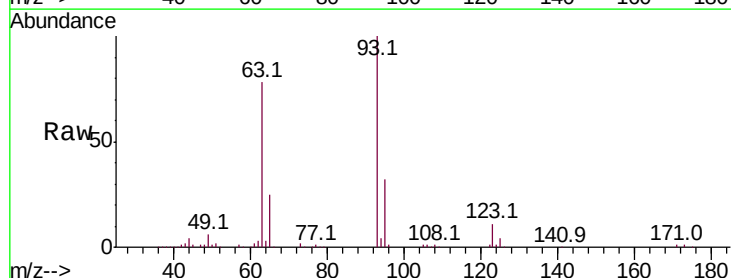
Tgt Ion: 93 Resp: 253630

Ion Ratio Lower Upper

93 100

95 32.4 25.2 37.8

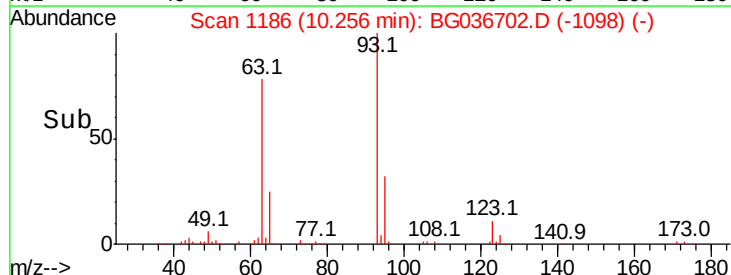
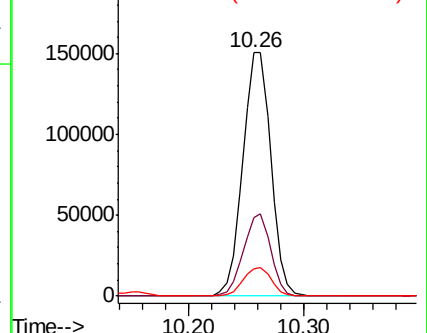
123 11.2 8.6 12.8

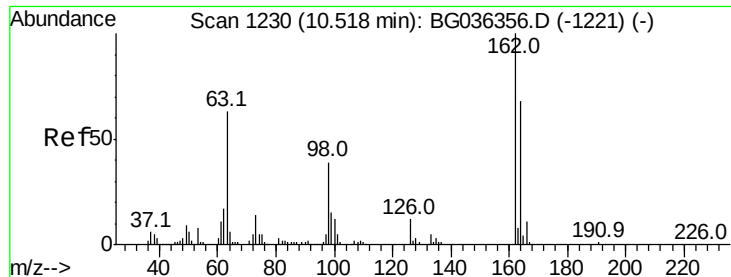


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

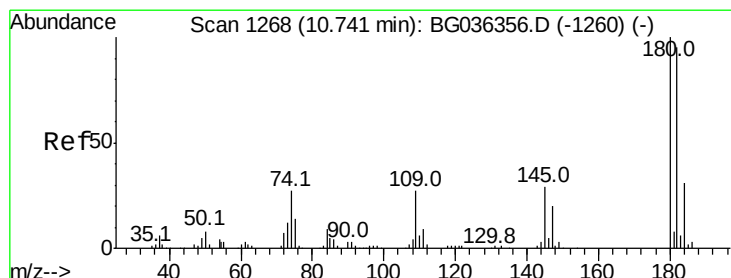
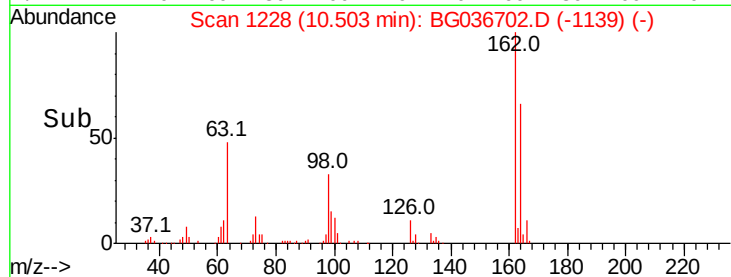
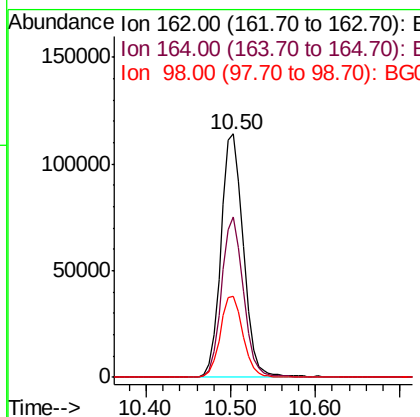
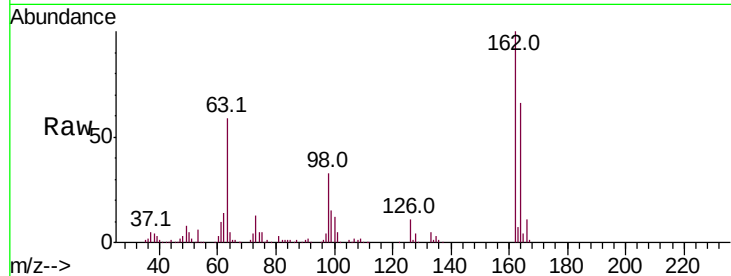




#29
 2,4-Dichlorophenol
 Concen: 45.027 ng
 RT: 10.50 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

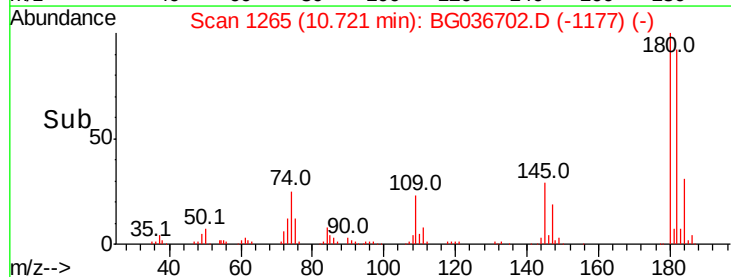
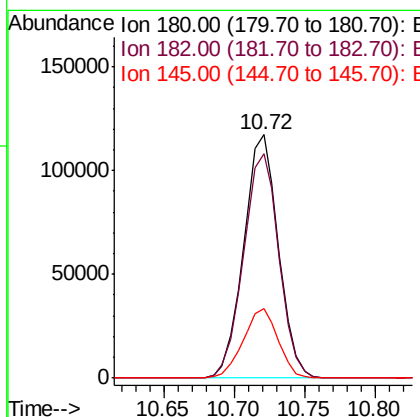
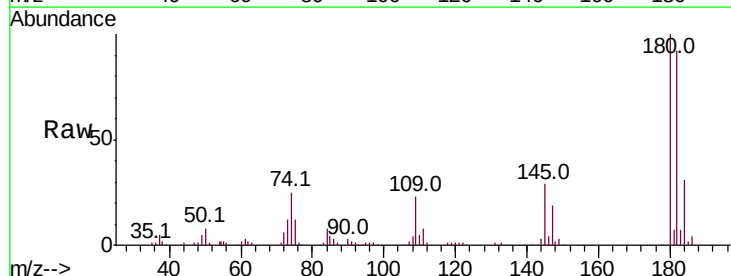
Instrument :
 BNA_G
 ClientSampleId :
 PB112800BS

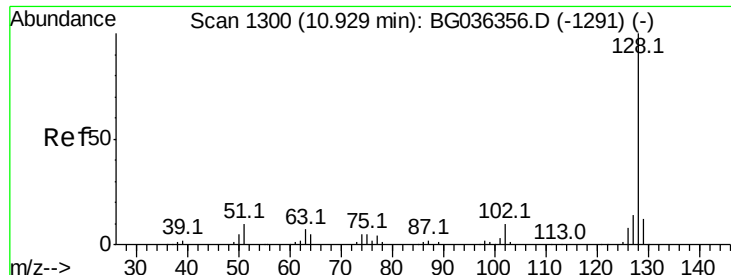
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	47.6	87.6
98	33.5	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 36.952 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	76.0	114.0
145	28.7	22.9	34.3

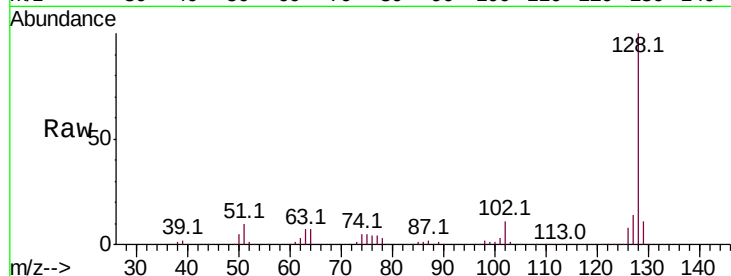




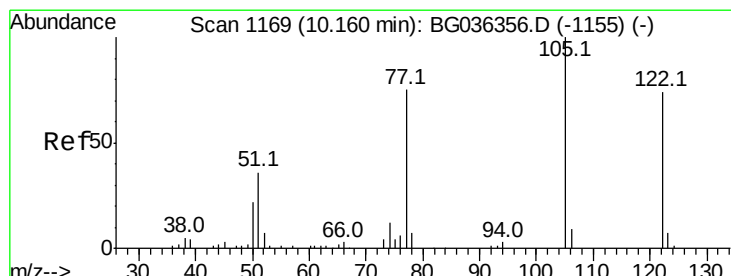
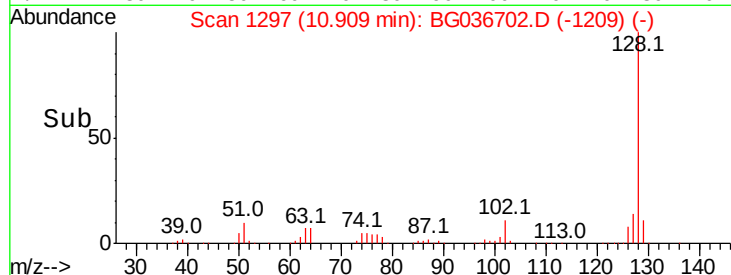
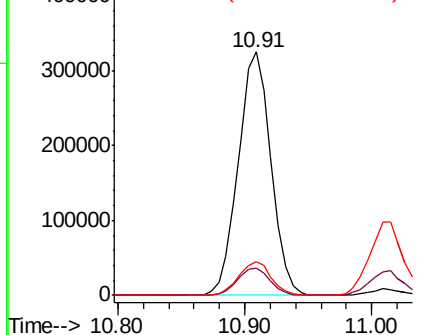
#31
Naphthalene
Concen: 39.736 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB112800BS

Tot Ion:128 Resp: 579106
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 13.7 11.0 16.4

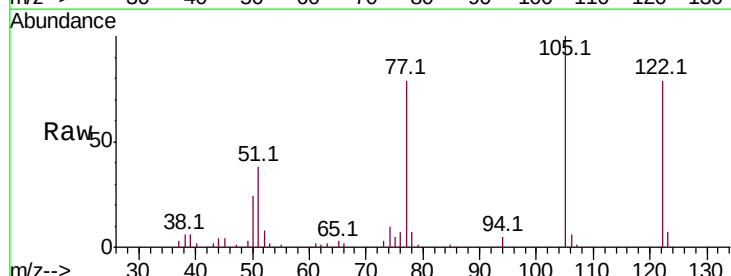


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

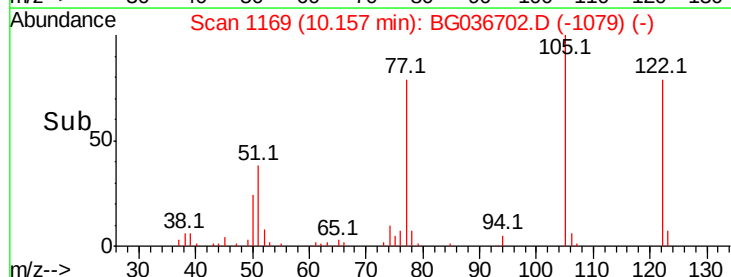
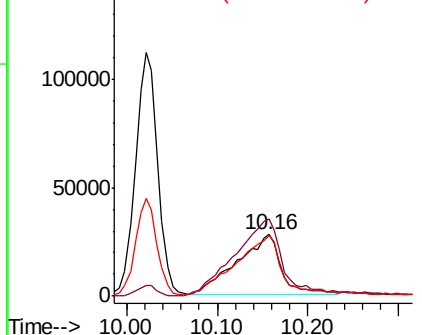


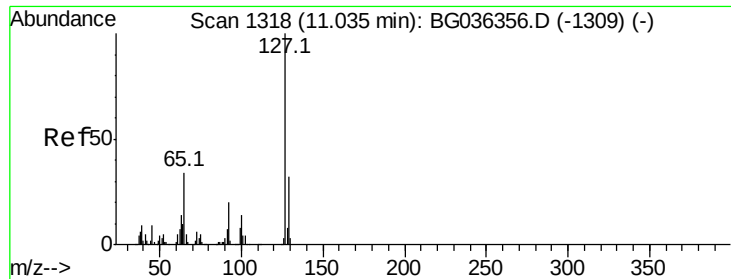
#32
Benzoic acid
Concen: 31.476 ng
RT: 10.16 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

Tgt Ion:122 Resp: 93842
Ion Ratio Lower Upper
122 100
105 125.8 108.1 148.1
77 99.8 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

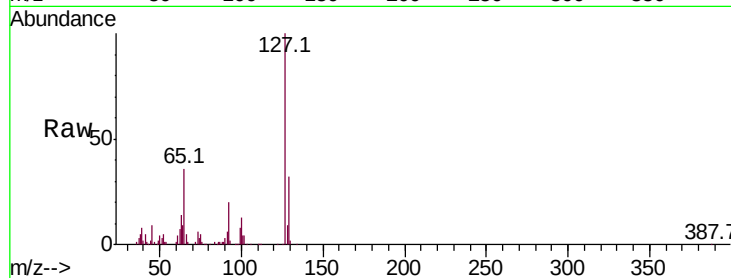




#33
4-Chloroaniline
Concen: 27.032 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

Instrument :
BNA_G
ClientSampled :
PB112800BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	36.4	27.5	41.3
92	19.8	16.2	24.2



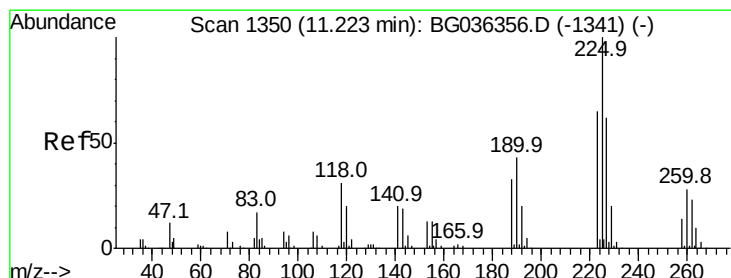
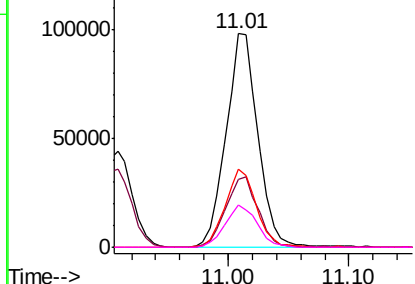
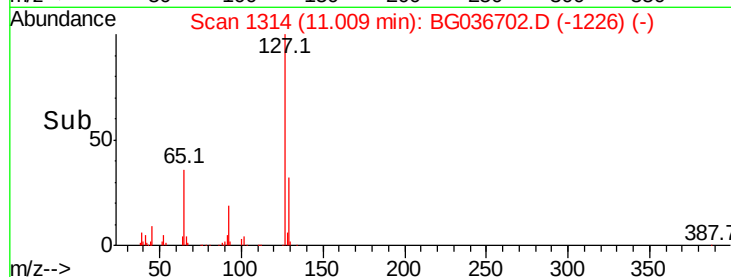
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

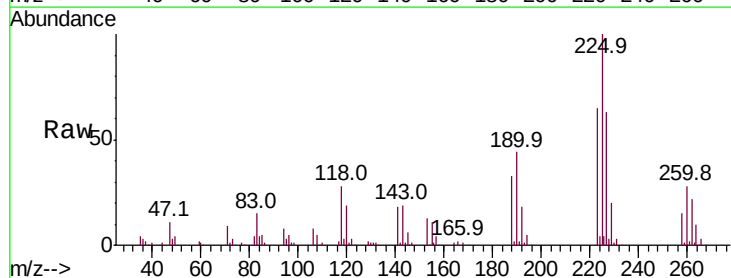
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 36.894 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.8	77.8
227	63.0	49.8	74.6

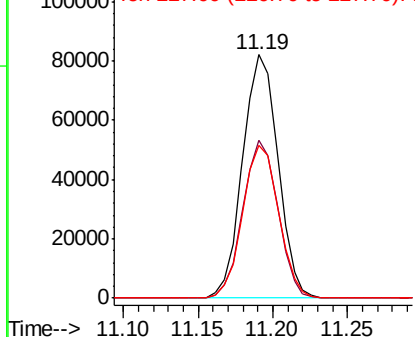
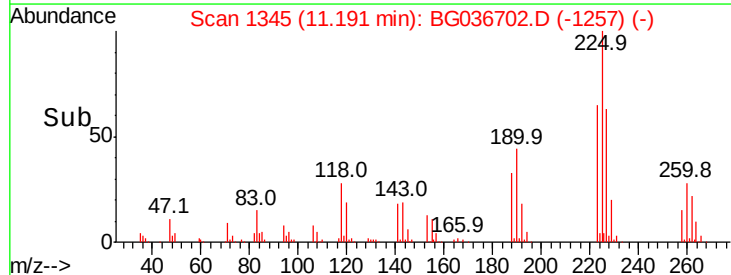


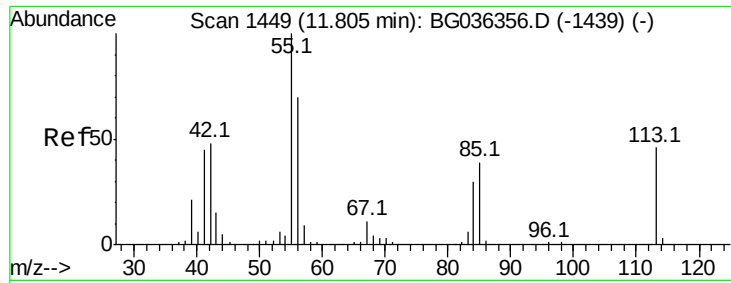
Abundance

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

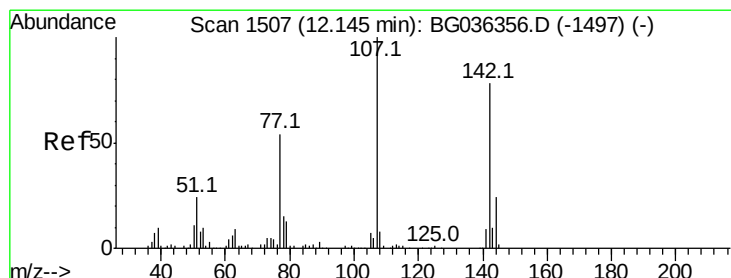
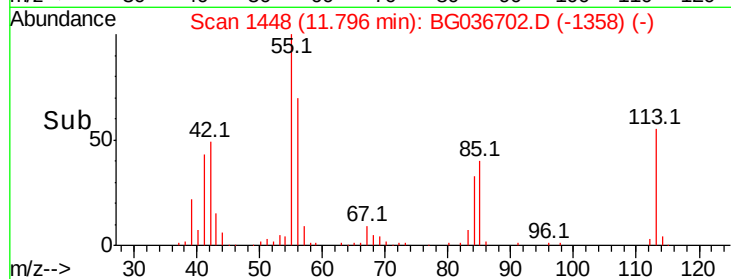
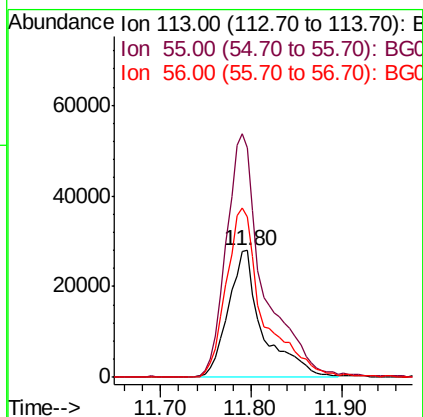
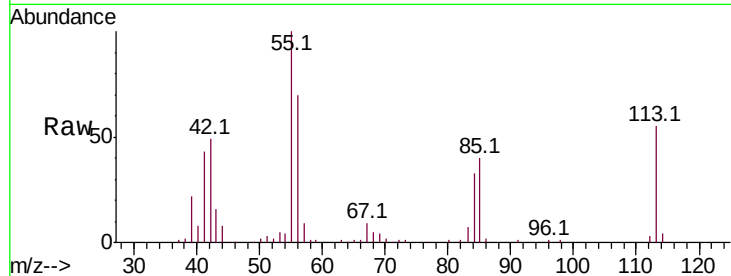




#35
 Caprolactam
 Concen: 40.102 ng
 RT: 11.80 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

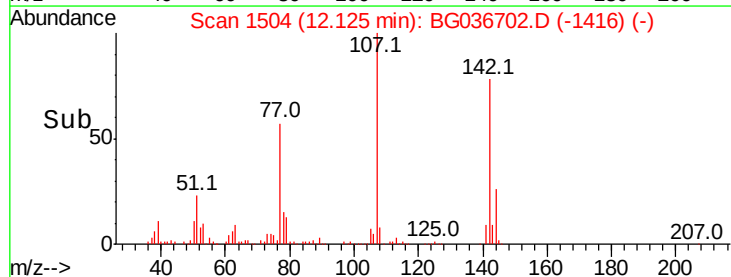
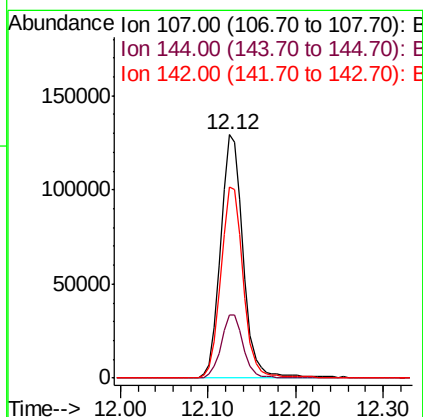
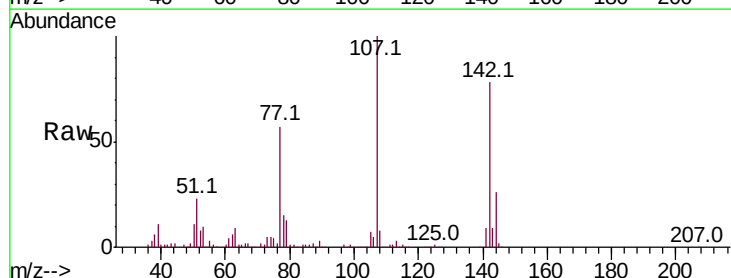
Instrument :
 BNA_G
 ClientSampleId :
 PB112800BS

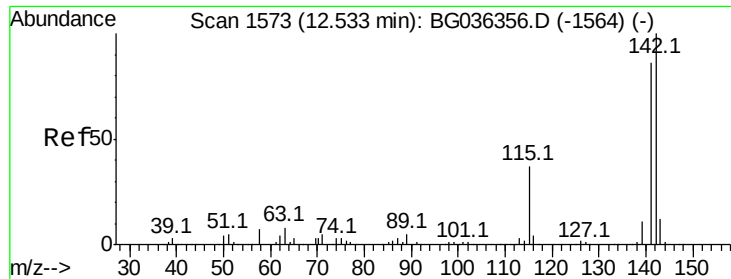
Tot Ion:113 Resp: 74425
 Ion Ratio Lower Upper
 113 100
 55 181.1 197.7 237.7#
 56 126.3 131.7 171.7#



#36
 4-Chloro-3-methylphenol
 Concen: 42.679 ng
 RT: 12.12 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

Tgt Ion:107 Resp: 231039
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.5 29.3
 142 78.2 62.4 93.6

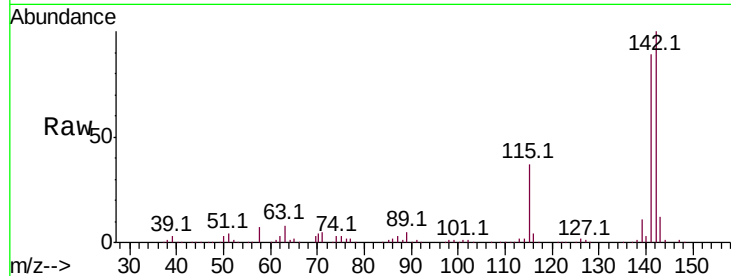




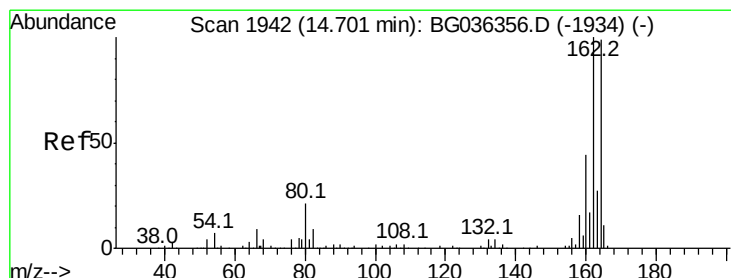
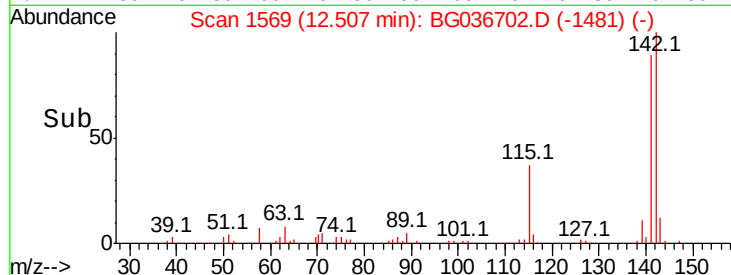
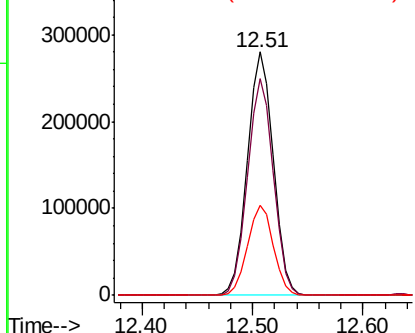
#37
2-Methylnaphthalene
Concen: 43.463 ng
RT: 12.51 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB112800BS

Tot Ion:142 Resp: 463478
Ion Ratio Lower Upper
142 100
141 89.3 68.5 102.7
115 37.2 29.8 44.8

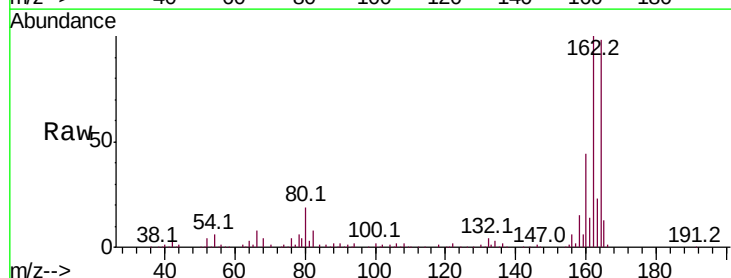


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

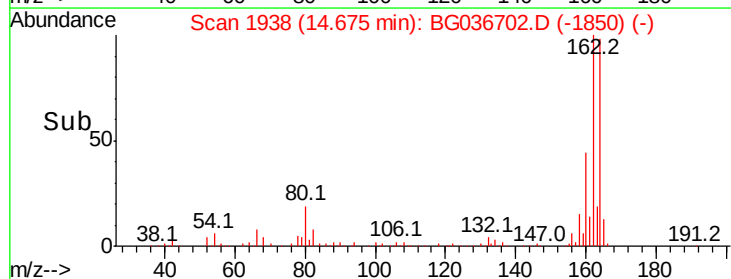
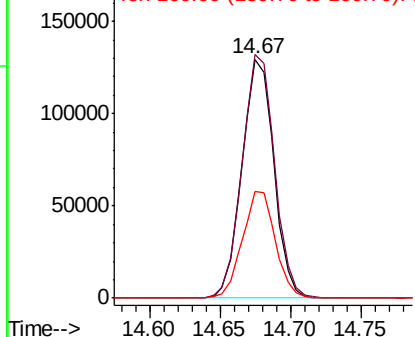


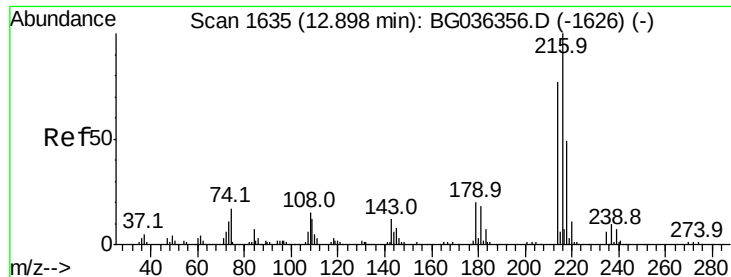
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

Tgt Ion:164 Resp: 205210
Ion Ratio Lower Upper
164 100
162 102.0 80.7 121.1
160 44.6 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: 37.960 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PB112800BS

Tot Ion:216 Resp: 275672

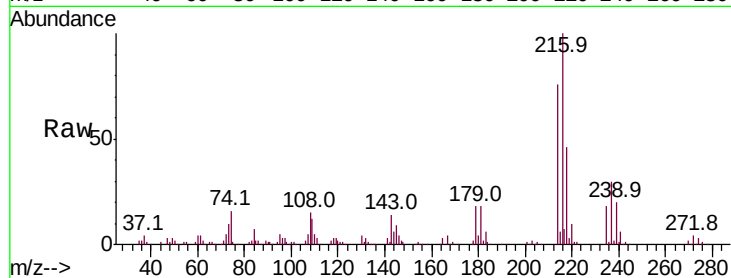
Ion Ratio Lower Upper

216 100

214 77.3 61.0 91.6

179 18.5 15.7 23.5

108 16.8 13.1 19.7

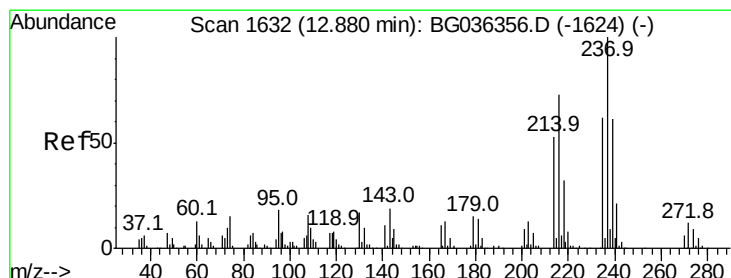
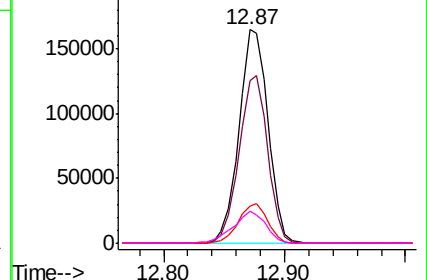
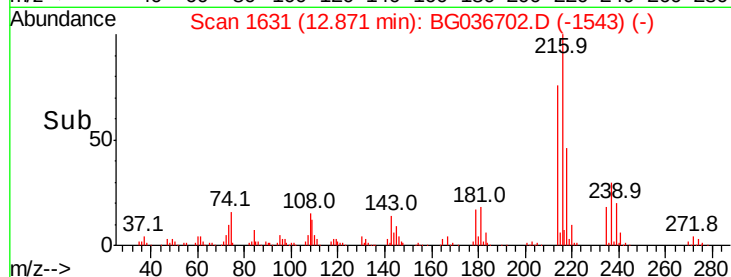


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 79.260 ng

RT: 12.85 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

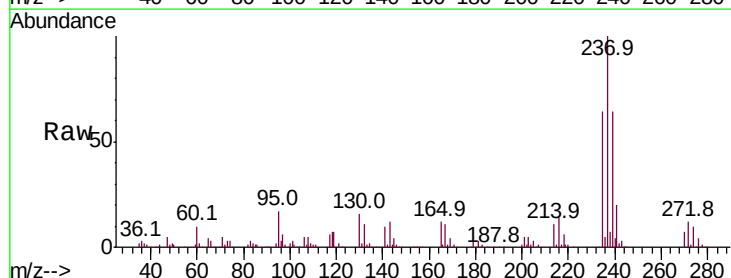
Tgt Ion:237 Resp: 299484

Ion Ratio Lower Upper

237 100

235 64.2 42.2 82.2

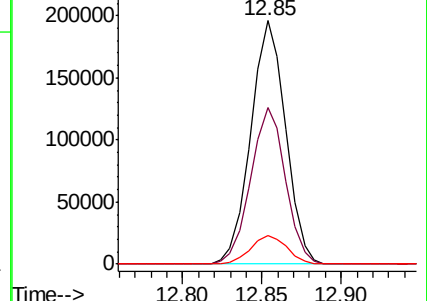
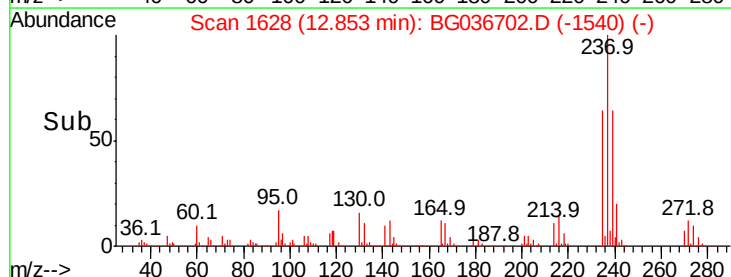
272 11.5 0.0 32.1

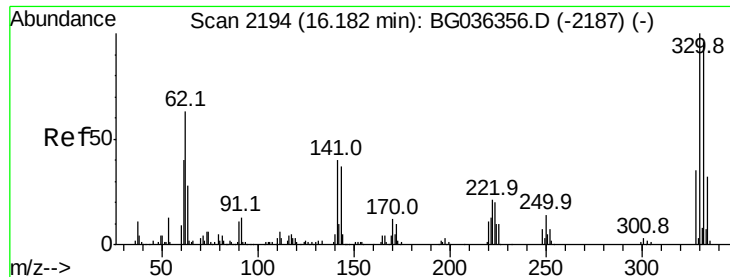


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 107.340 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PB112800BS

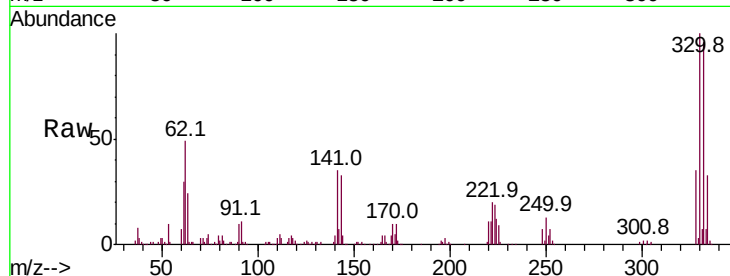
Tot Ion:330 Resp: 262835

Ion Ratio Lower Upper

330 100

332 95.1 75.4 113.2

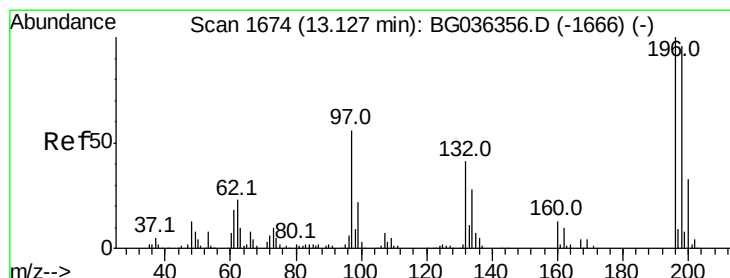
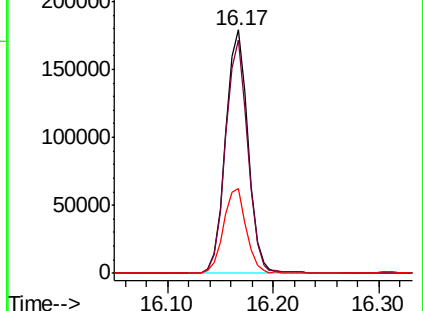
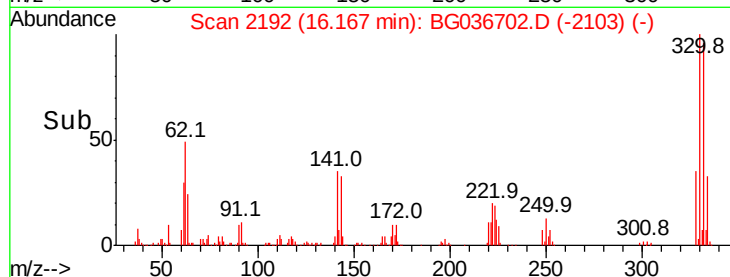
141 35.7 30.7 46.1



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: 41.644 ng

RT: 13.11 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

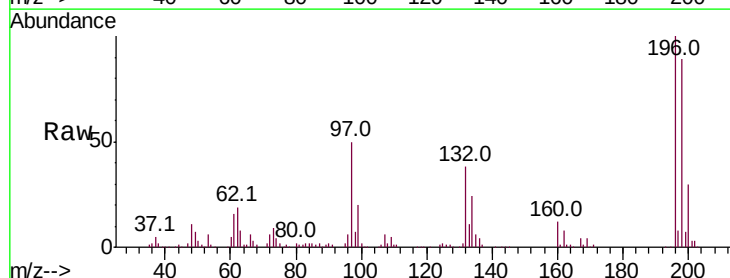
Tgt Ion:196 Resp: 184223

Ion Ratio Lower Upper

196 100

198 89.3 77.2 115.8

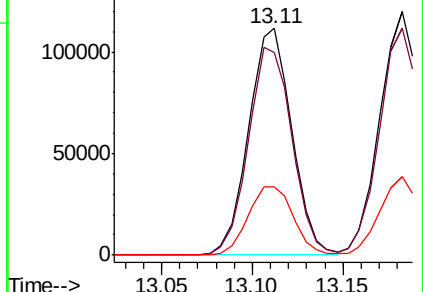
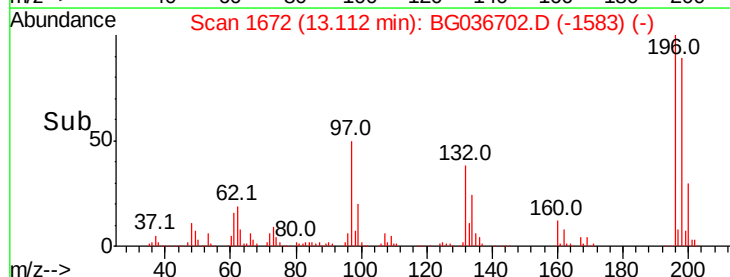
200 30.3 26.3 39.5

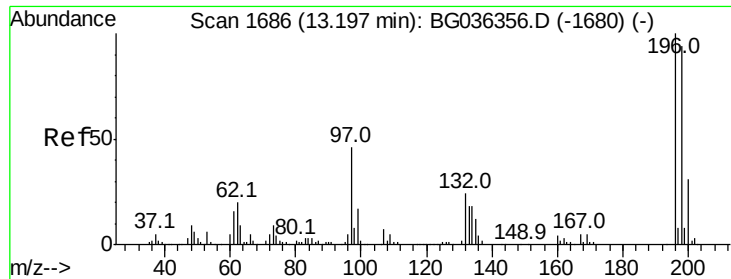


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

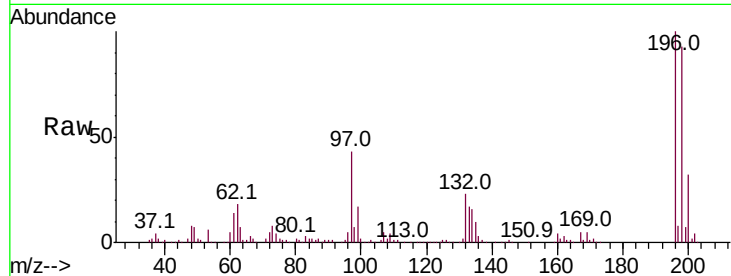




#43
 2,4,5-Trichlorophenol
 Concen: 41.111 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB112800BS

Tot Ion:	196	Resp:	193979
Ion	Ratio	Lower	Upper
196	100		
198	93.4	75.6	113.4
97	43.3	37.2	55.8
132	23.3	19.4	29.2



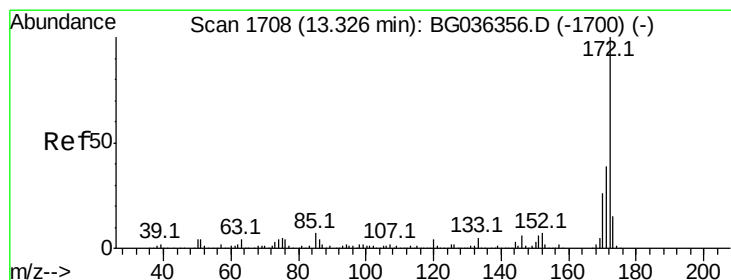
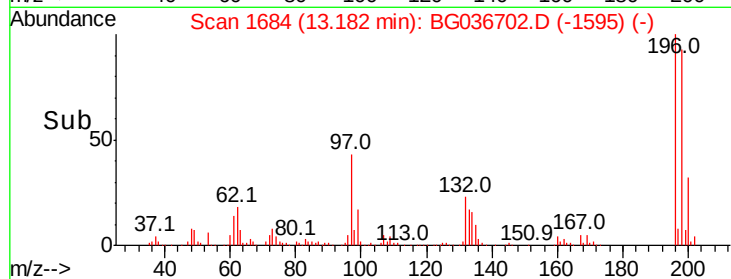
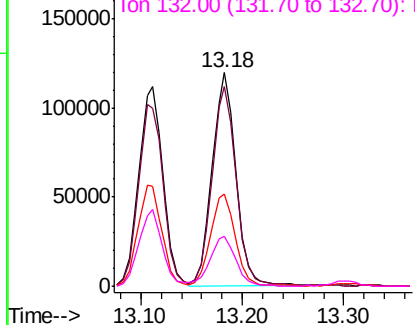
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

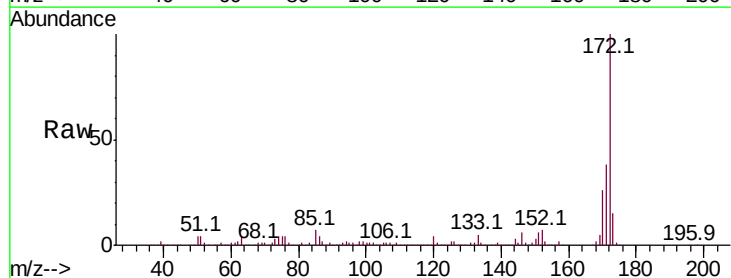
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 64.787 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

Tgt Ion:	172	Resp:	931142
Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	26.0	21.0	31.6

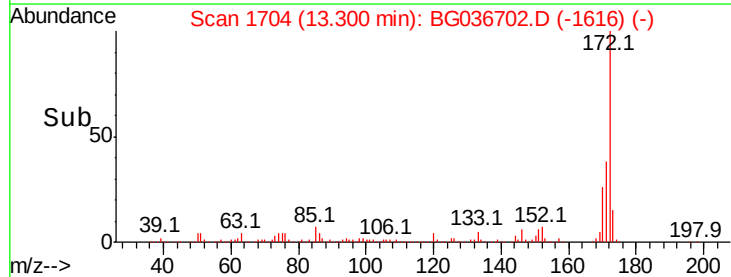
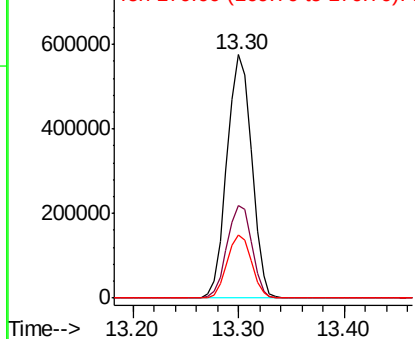


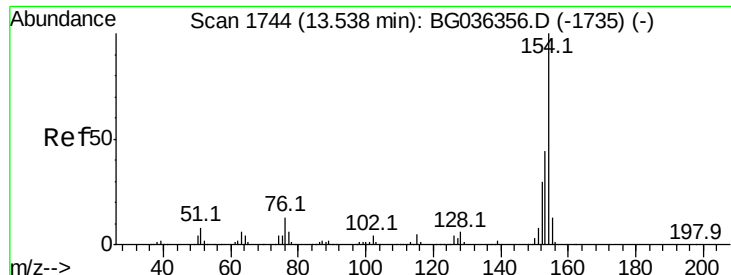
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

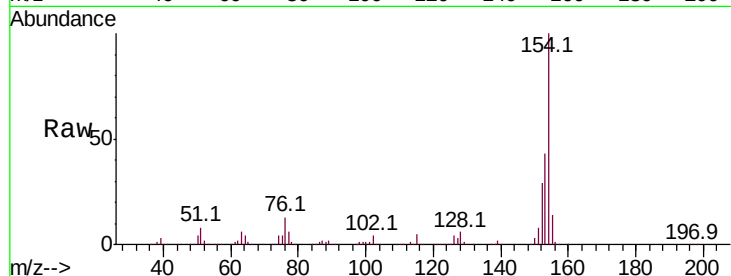




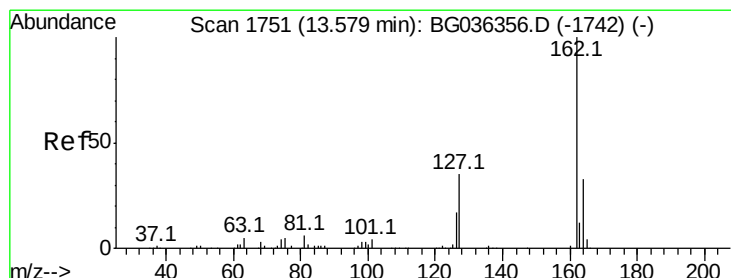
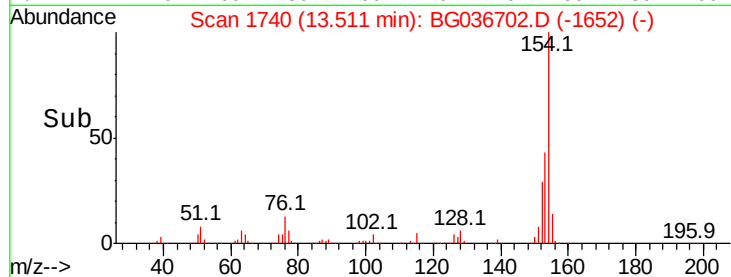
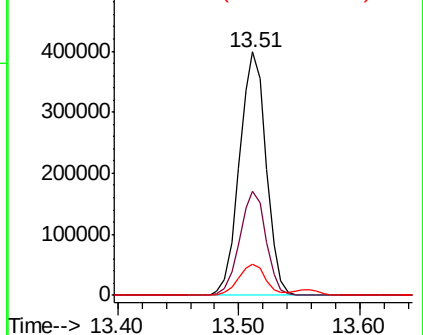
#45
 1,1'-Biphenyl
 Concen: 36.050 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

Instrument :
 BNA_G
 ClientSampleID :
 PB112800BS

Tot Ion:154 Resp: 614076
 Ion Ratio Lower Upper
 154 100
 153 42.7 24.0 64.0
 76 13.0 0.0 32.9

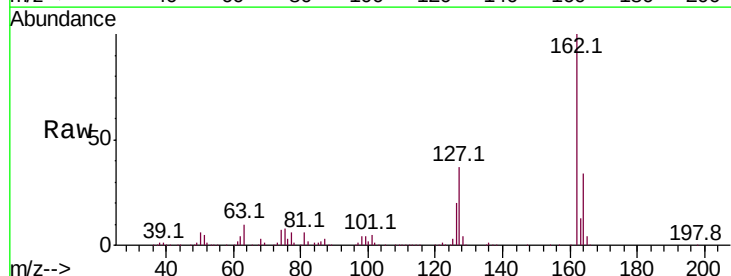


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

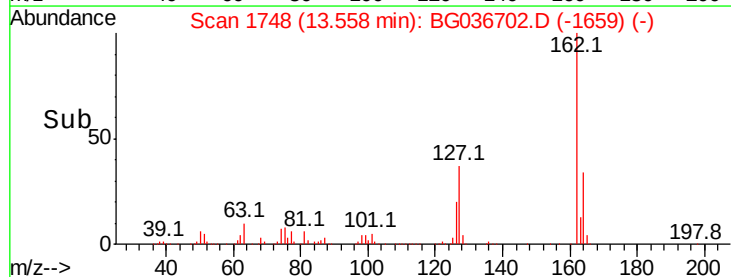
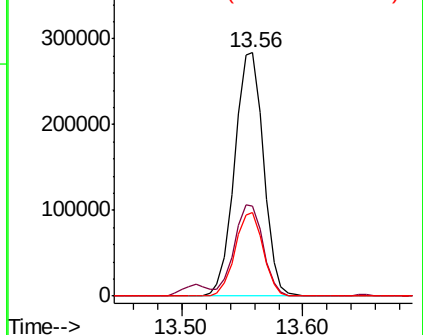


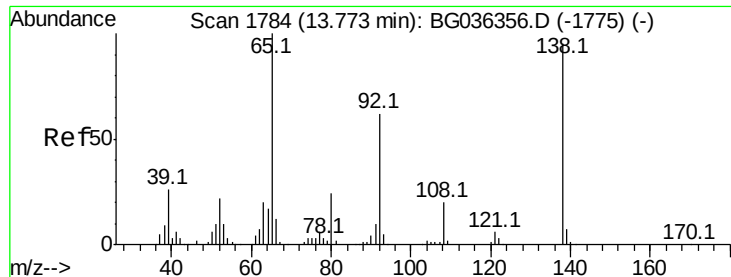
#46
 2-Chloronaphthalene
 Concen: 36.355 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

Tgt Ion:162 Resp: 472766
 Ion Ratio Lower Upper
 162 100
 127 37.1 30.7 46.1
 164 34.4 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

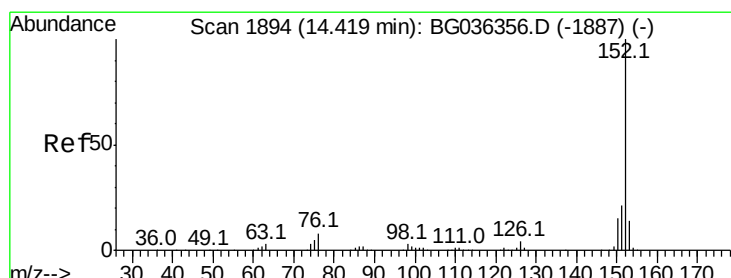
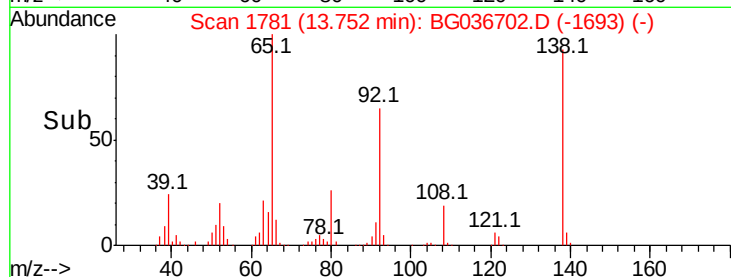
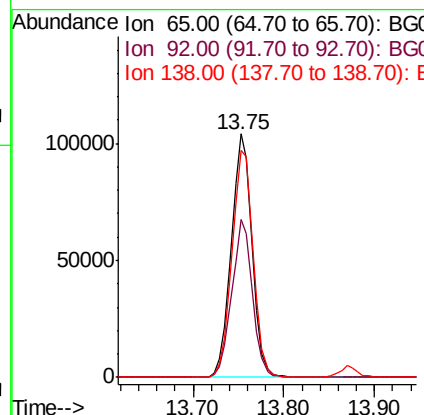
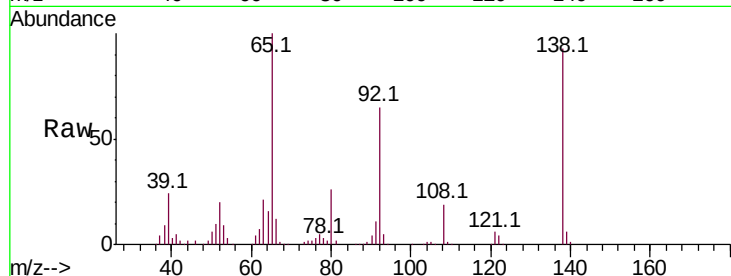




#47
2-Nitroaniline
Concen: 40.396 ng
RT: 13.75 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

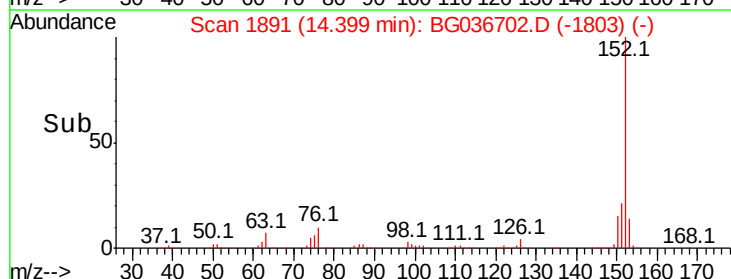
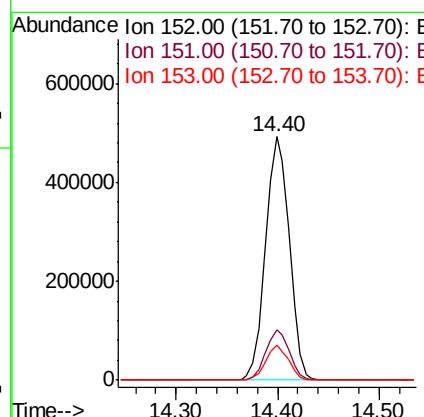
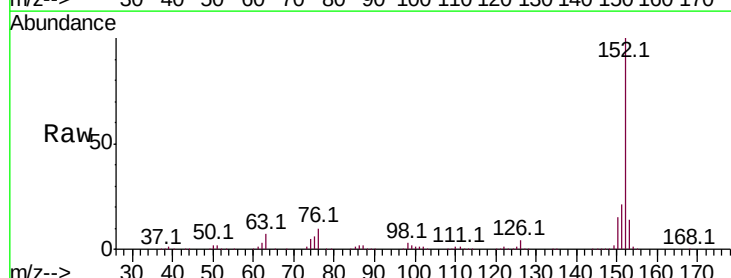
Instrument :
BNA_G
ClientSampleId :
PB112800BS

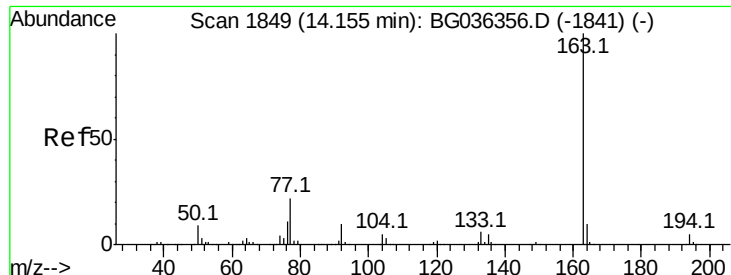
Tot Ion: 65 Resp: 164956
Ion Ratio Lower Upper
65 100
92 64.8 49.9 74.9
138 93.4 76.2 114.4



#48
Acenaphthylene
Concen: 39.315 ng
RT: 14.40 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

Tgt Ion: 152 Resp: 799014
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 14.1 11.2 16.8

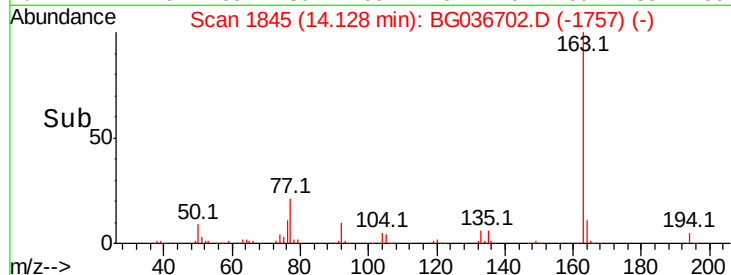
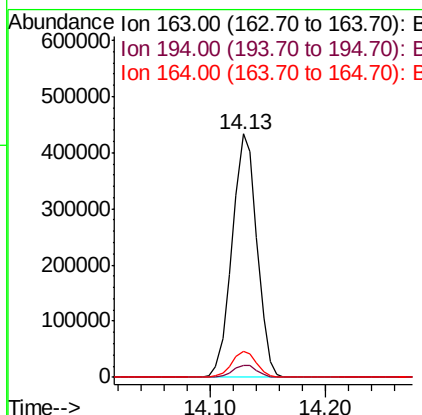
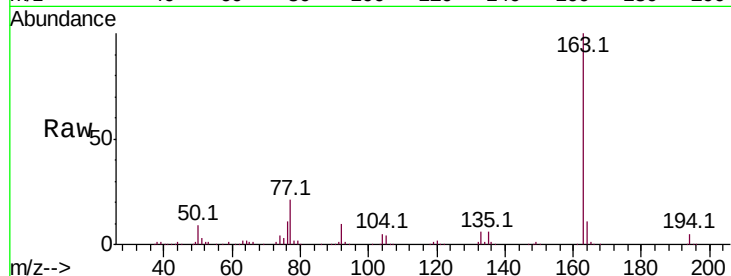




#49
Dimethylphthalate
Concen: 38.378 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

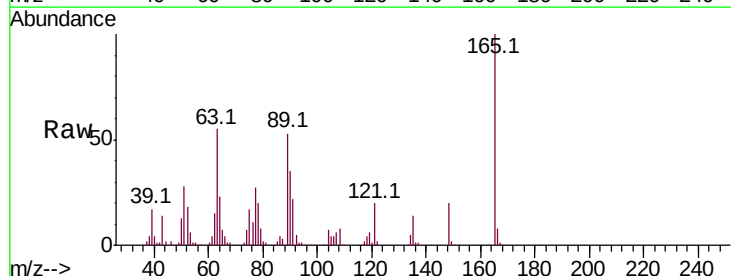
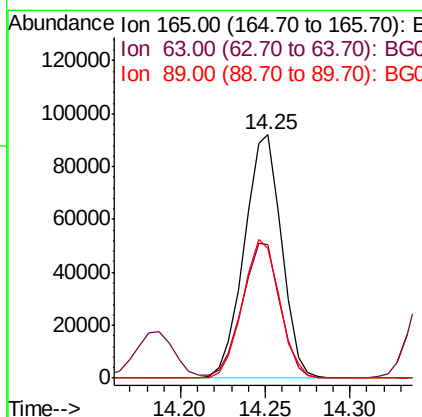
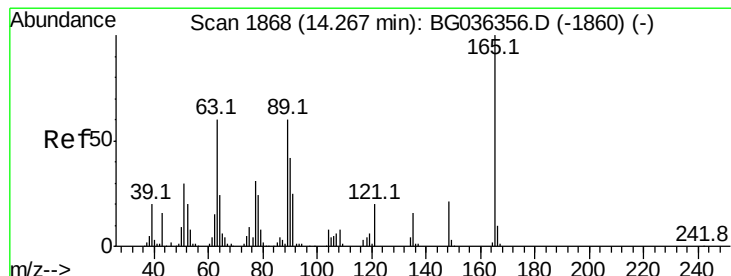
Instrument :
BNA_G
ClientSampleId :
PB112800BS

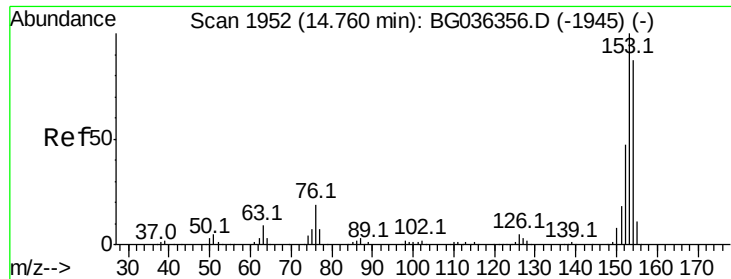
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.0	6.0
164	10.6	8.1	12.1



#50
2,6-Dinitrotoluene
Concen: 40.861 ng
RT: 14.25 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.7	50.1	75.1
89	53.2	47.8	71.6





#51

Acenaphthene

Concen: 36.950 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PB112800BS

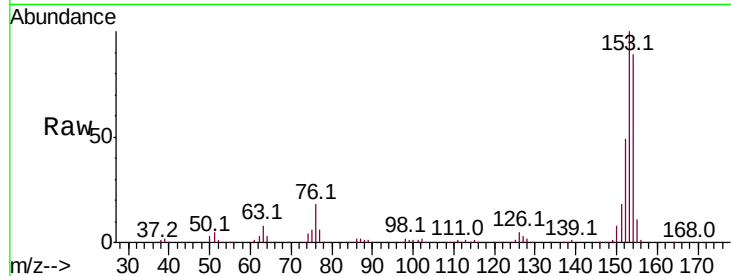
Tot Ion:154 Resp: 480938

Ion Ratio Lower Upper

154 100

153 112.5 91.8 137.6

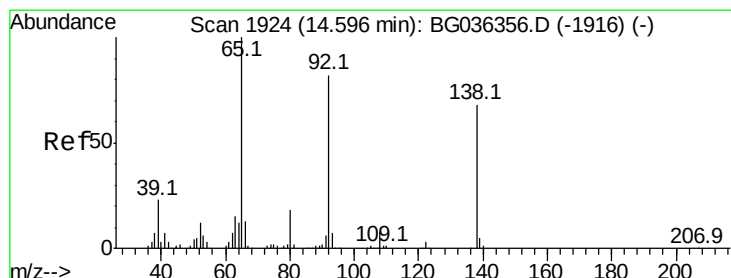
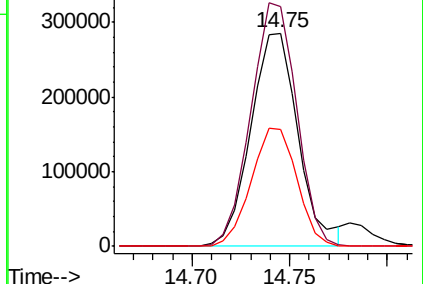
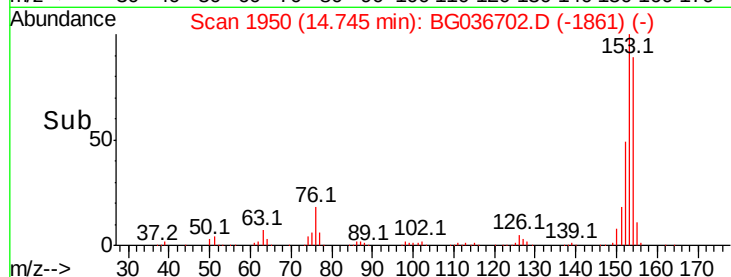
152 54.7 43.5 65.3



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: 31.647 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

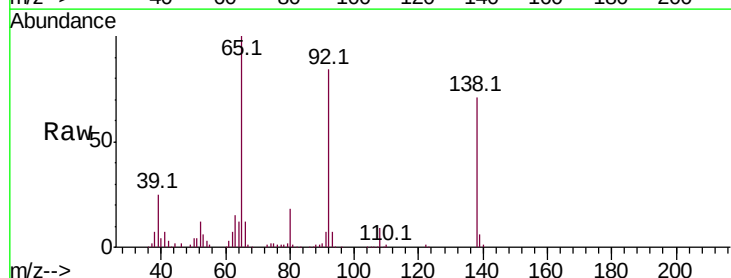
Tgt Ion:138 Resp: 117591

Ion Ratio Lower Upper

138 100

108 11.9 9.4 14.2

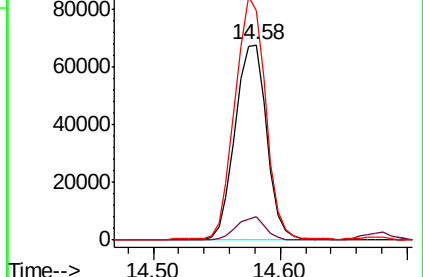
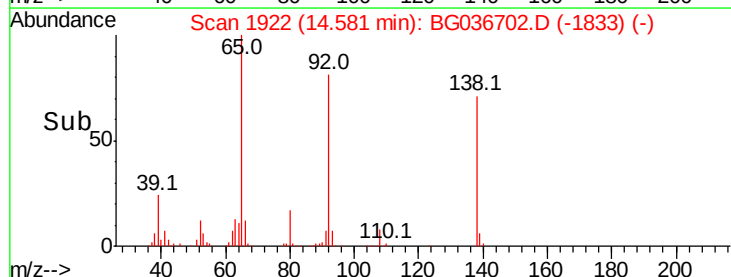
92 117.3 96.8 145.2

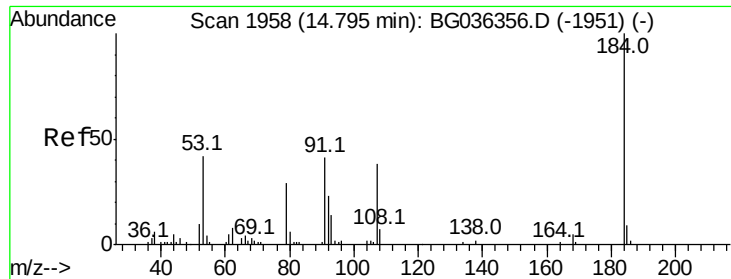


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

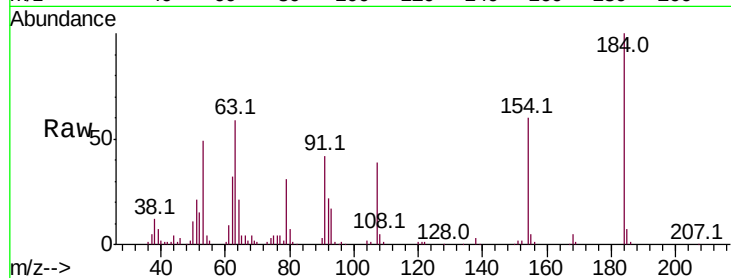




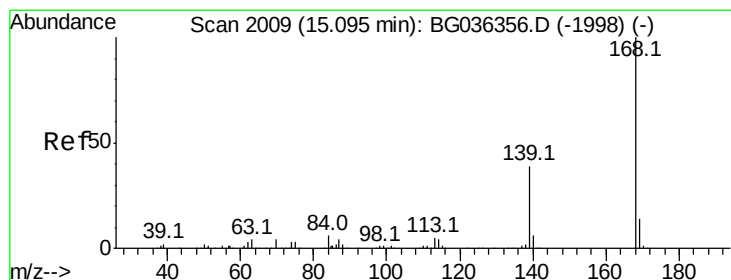
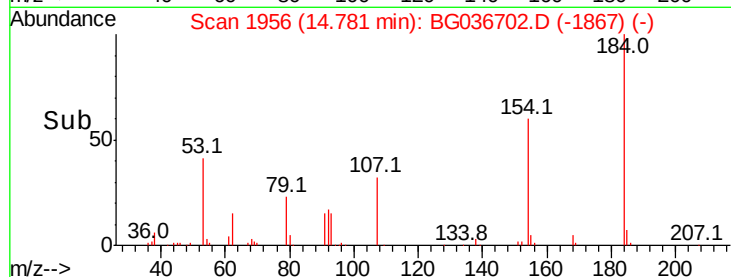
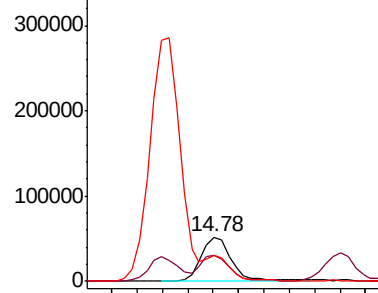
#53
 2,4-Dinitrophenol
 Concen: 67.310 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB112800BS

Tot Ion:184 Resp: 87910
 Ion Ratio Lower Upper
 184 100
 63 59.4 47.3 70.9
 154 59.6 51.1 76.7

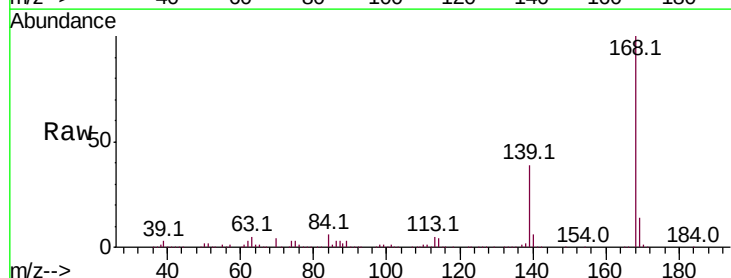


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

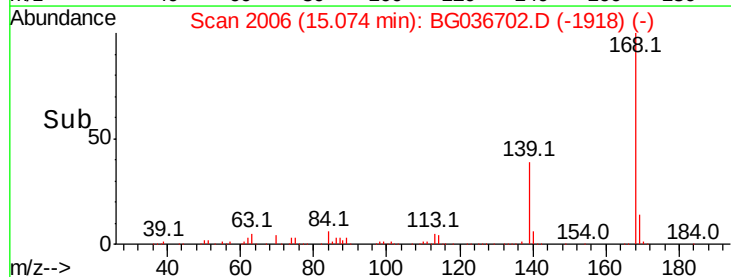
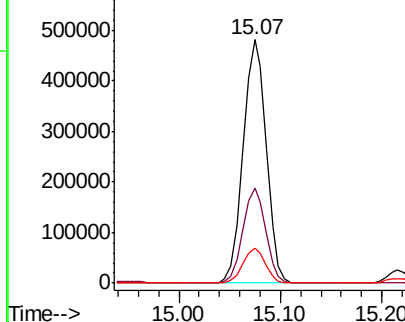


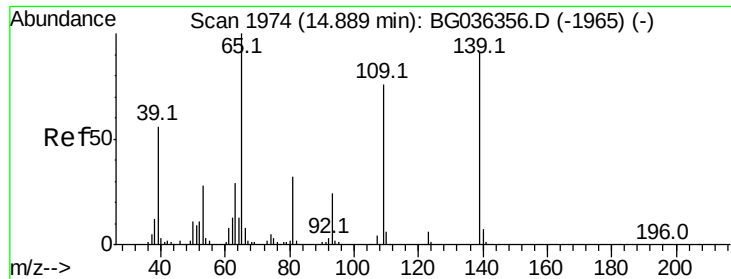
#54
 Dibenzofuran
 Concen: 37.141 ng
 RT: 15.07 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

Tgt Ion:168 Resp: 757367
 Ion Ratio Lower Upper
 168 100
 139 38.9 31.0 46.6
 169 14.3 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

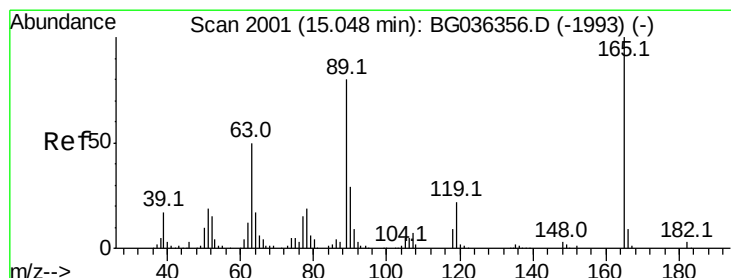
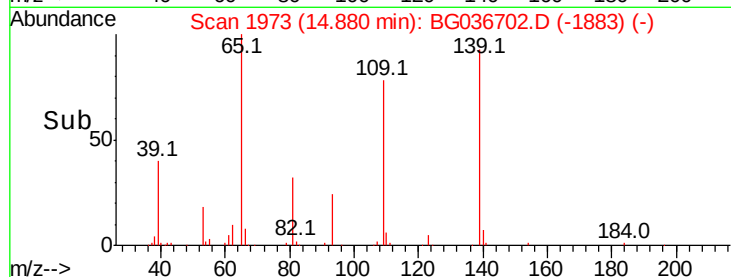
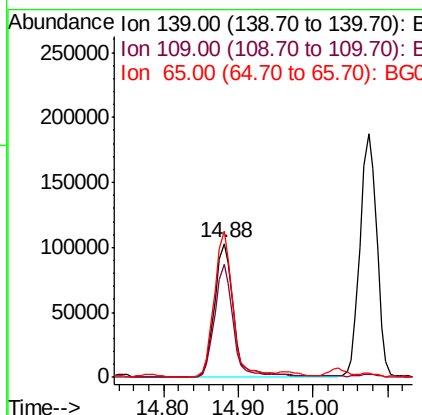
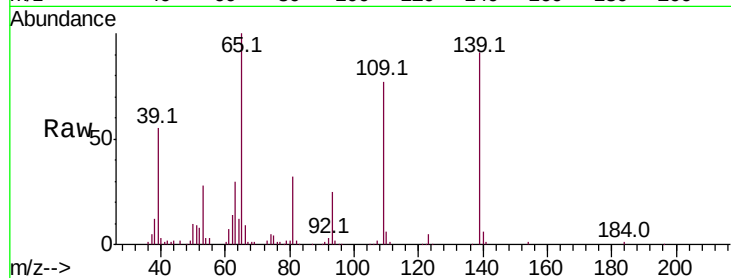




#55
4-Nitrophenol
Concen: 61.963 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

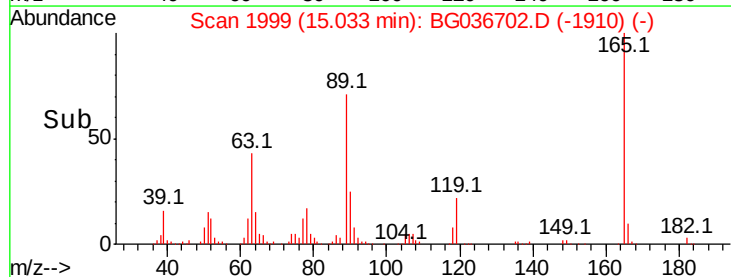
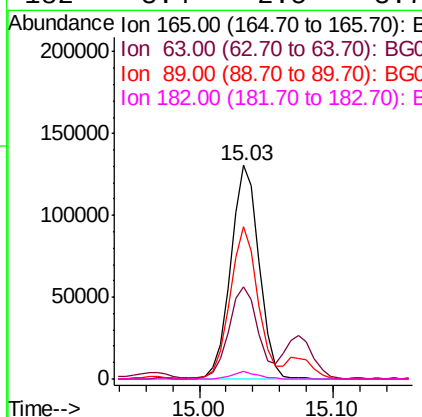
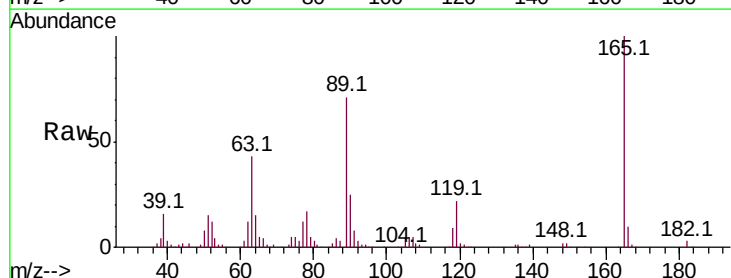
Instrument :
BNA_G
ClientSampleId :
PB112800BS

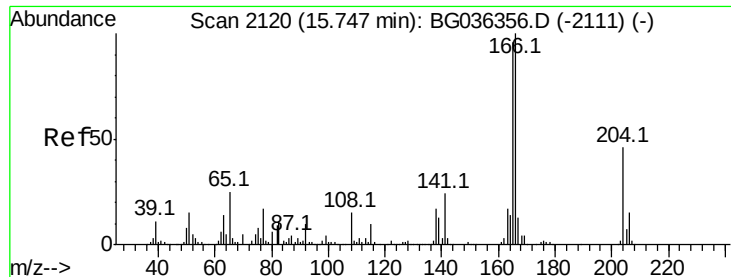
Tot Ion	Ratio	Lower	Upper
139	100		
109	84.0	63.9	103.9
65	109.4	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 42.952 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.1	40.1	60.1
89	71.3	63.7	95.5
182	3.4	2.5	3.7





#57

Fluorene

Concen: 39.470 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PB112800BS

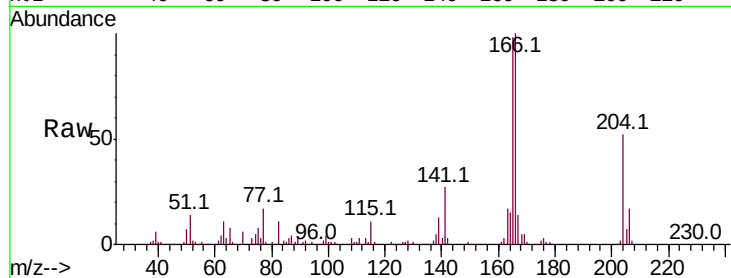
Tot Ion:166 Resp: 601676

Ion Ratio Lower Upper

166 100

165 97.9 77.0 115.4

167 14.1 10.6 16.0

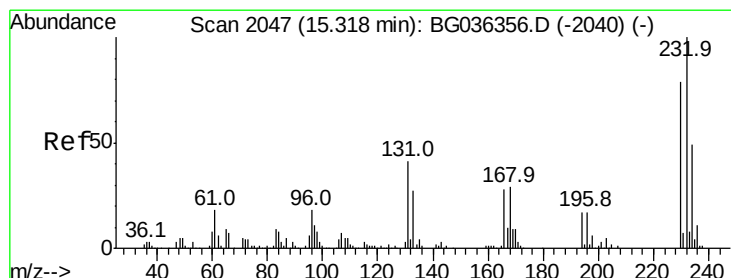
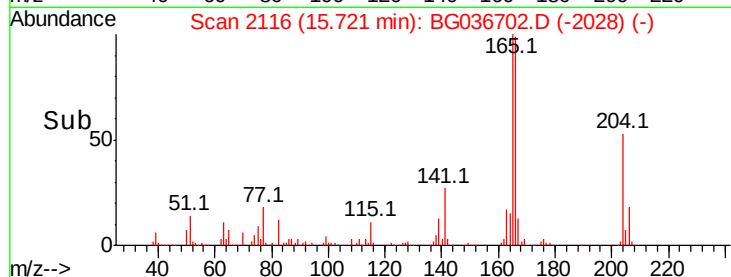
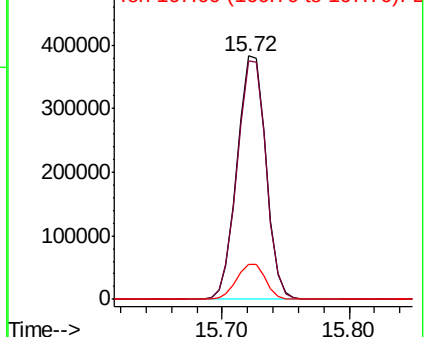


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.315 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Tgt Ion:232 Resp: 187587

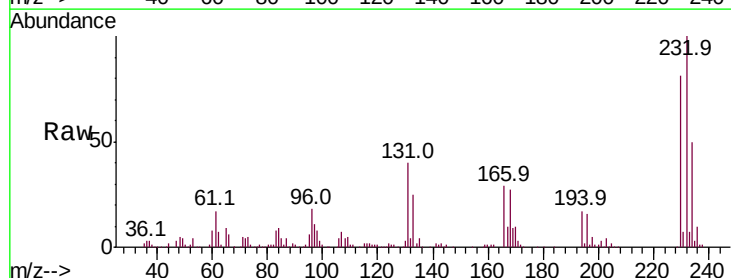
Ion Ratio Lower Upper

232 100

131 38.4 33.8 50.8

130 2.3 2.1 3.1

166 28.8 22.3 33.5



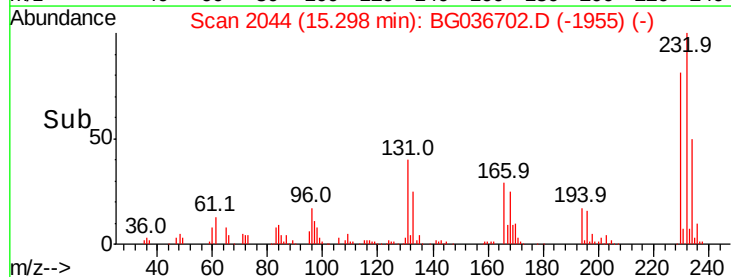
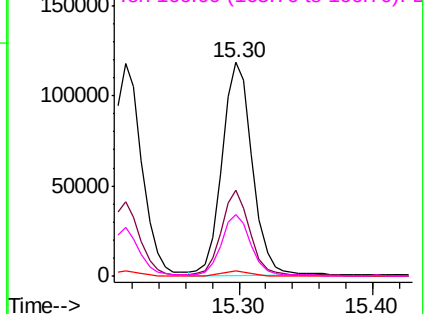
Abundance

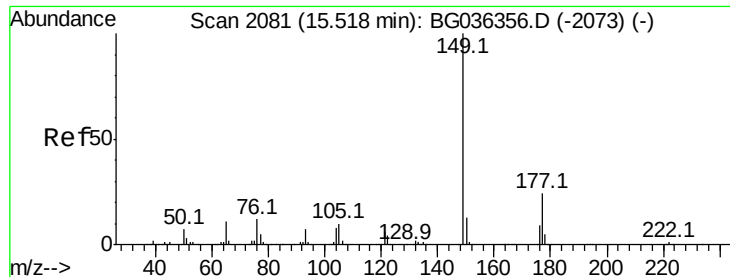
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.814 ng

RT: 15.49 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PB112800BS

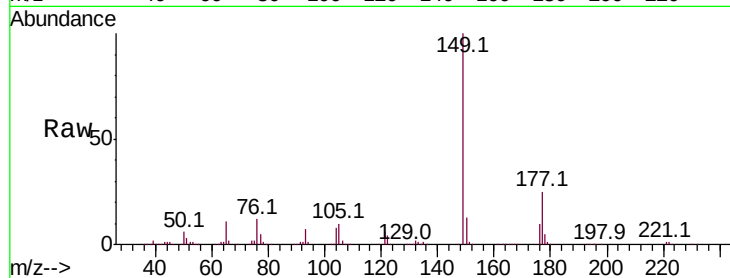
Tot Ion:149 Resp: 621683

Ion Ratio Lower Upper

149 100

177 24.8 19.1 28.7

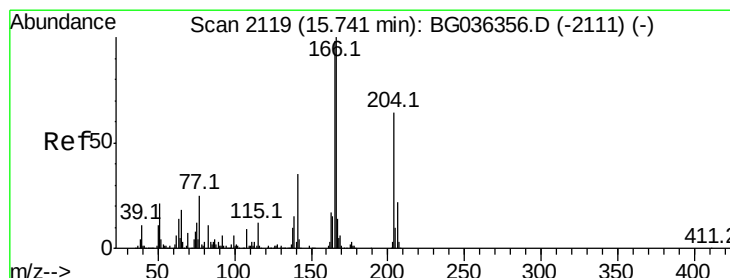
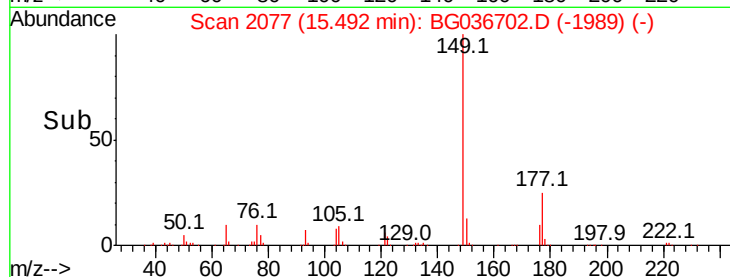
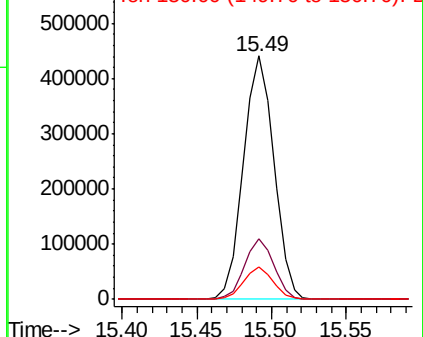
150 13.1 10.7 16.1



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: 37.293 ng

RT: 15.71 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

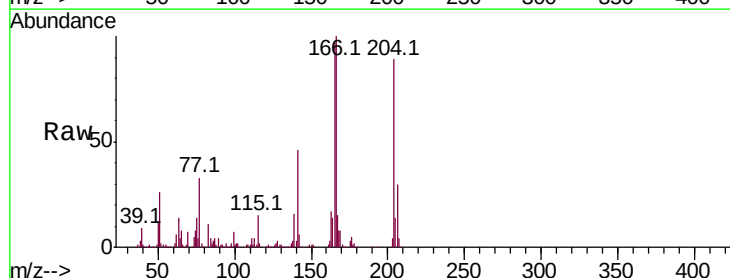
Tgt Ion:204 Resp: 351038

Ion Ratio Lower Upper

204 100

206 34.0 27.0 40.4

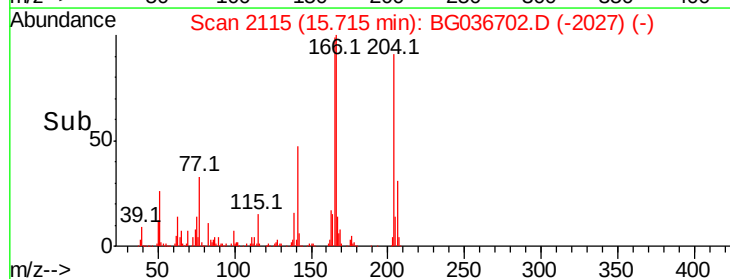
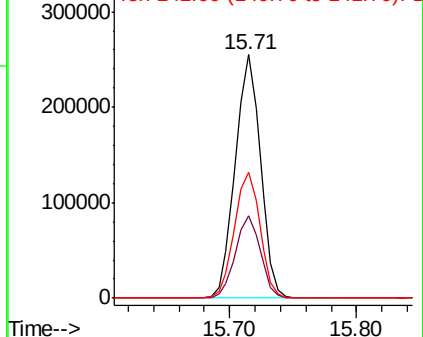
141 51.6 43.8 65.6

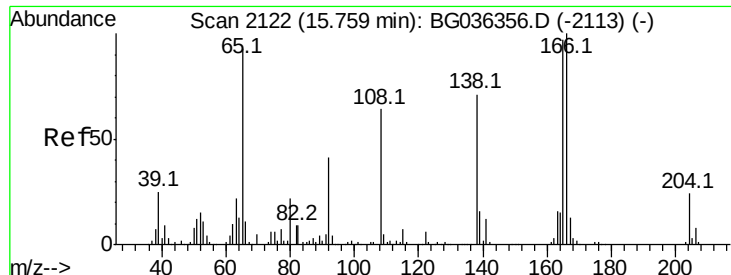


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

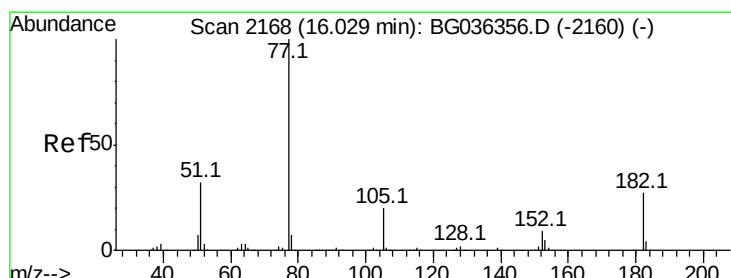
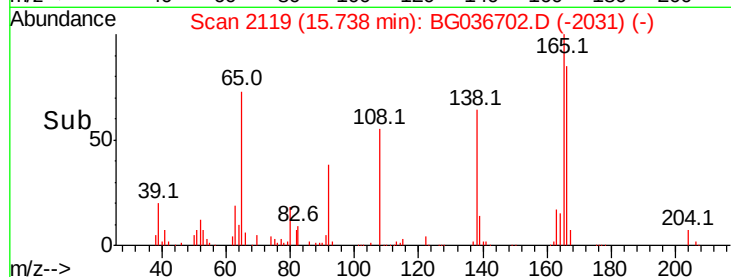
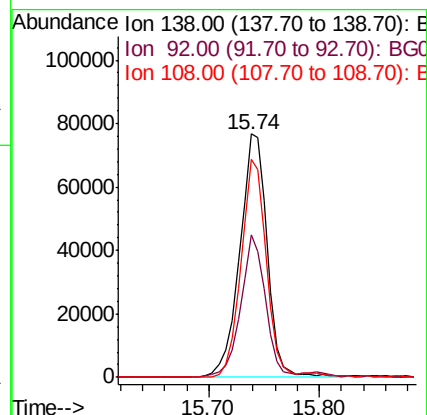
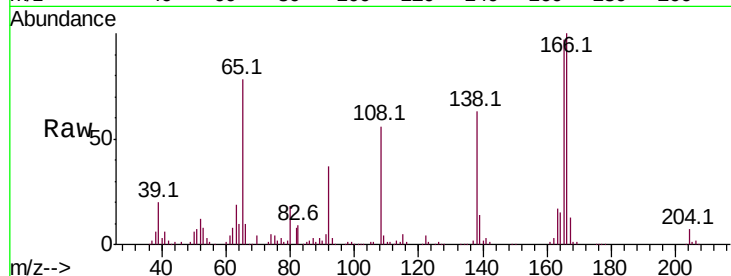




#61
4-Nitroaniline
Concen: 34.458 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

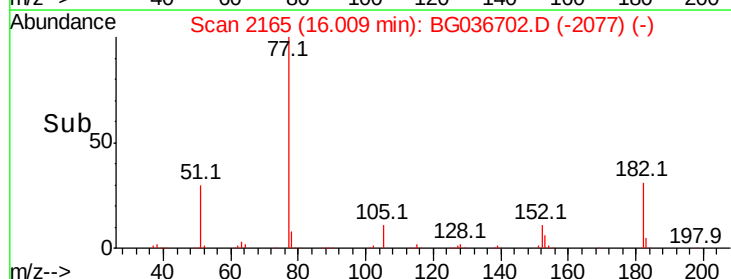
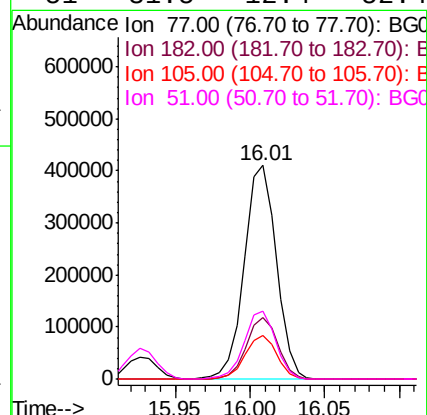
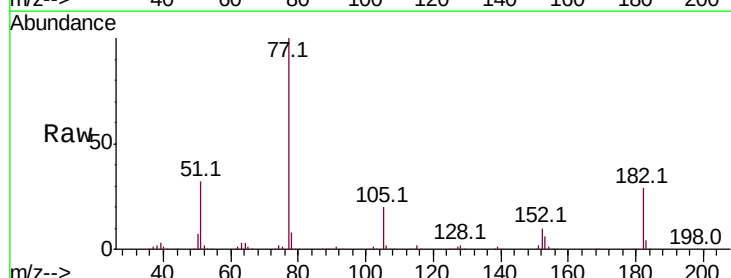
Instrument :
BNA_G
ClientSampleId :
PB112800BS

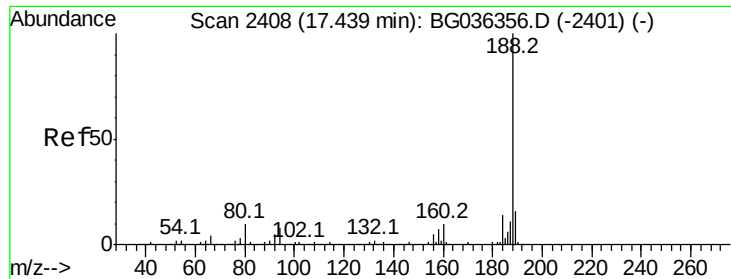
Tot Ion:138 Resp: 133982
Ion Ratio Lower Upper
138 100
92 58.8 38.5 78.5
108 89.7 70.3 110.3



#62
Azobenzene
Concen: 35.390 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

Tgt Ion: 77 Resp: 608074
Ion Ratio Lower Upper
77 100
182 29.1 6.7 46.7
105 20.3 0.0 39.8
51 31.5 12.4 52.4

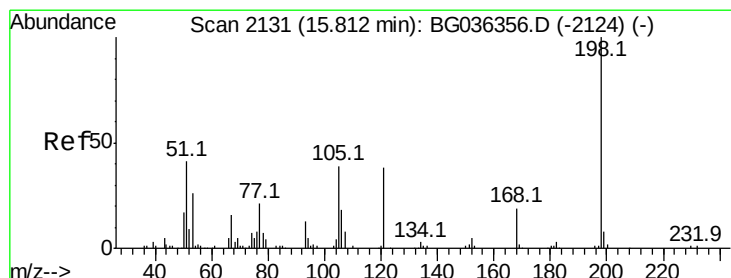
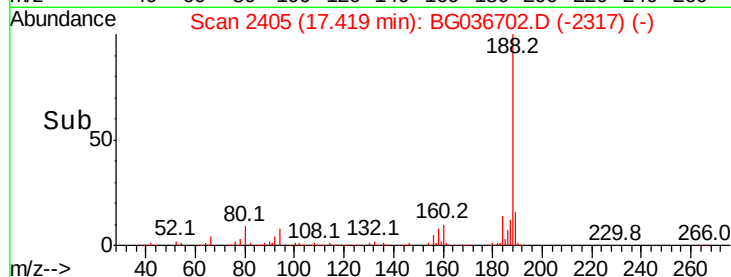
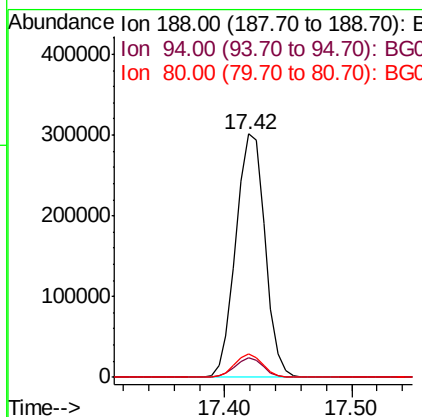
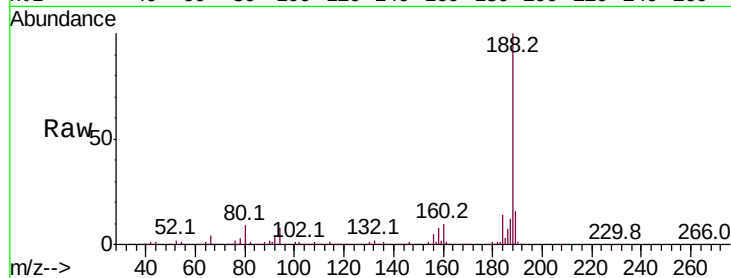




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

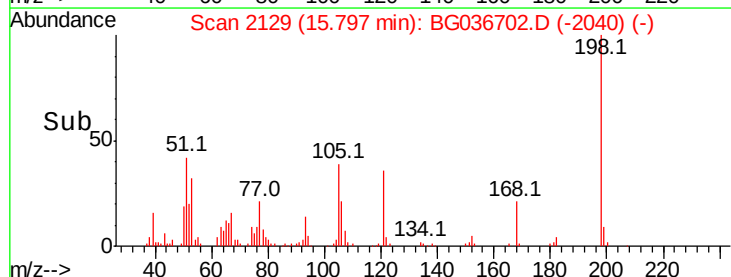
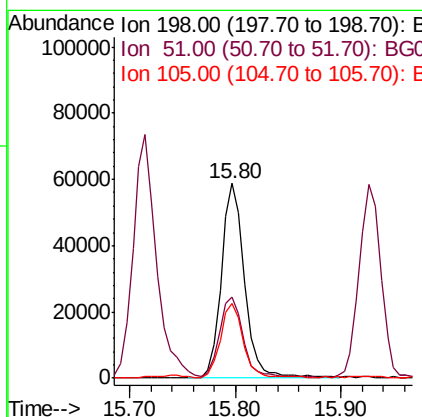
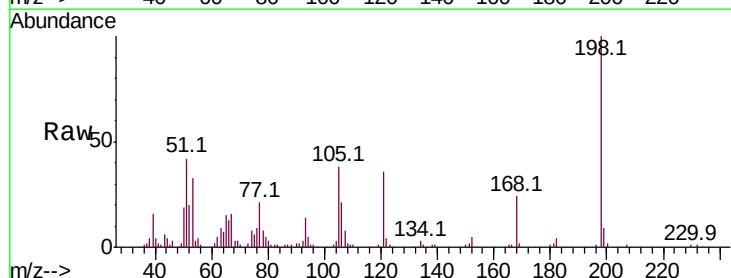
Instrument :
BNA_G
ClientSampleId :
PB112800BS

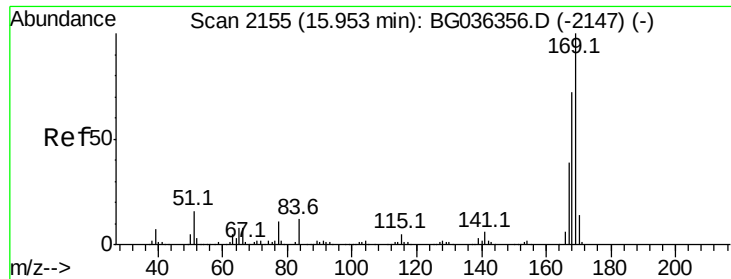
Tot Ion:188 Resp: 479929
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 9.4 8.1 12.1



#64
4,6-Dinitro-2-methylphenol
Concen: 42.488 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

Tgt Ion:198 Resp: 89574
Ion Ratio Lower Upper
198 100
51 41.7 26.5 66.5
105 38.5 20.2 60.2





#65

n-Nitrosodiphenylamine

Concen: 37.941 ng

RT: 15.93 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PB112800BS

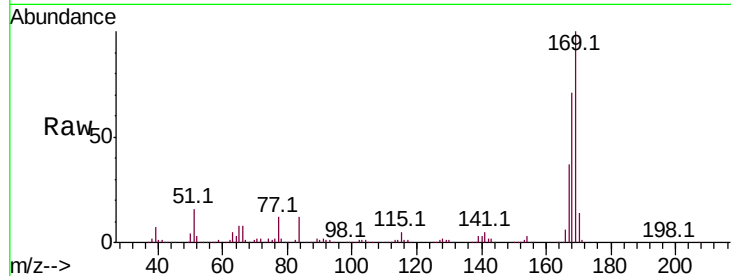
Tot Ion:169 Resp: 541050

Ion Ratio Lower Upper

169 100

168 70.9 57.6 86.4

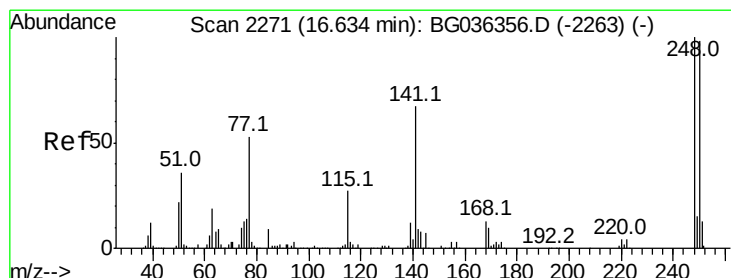
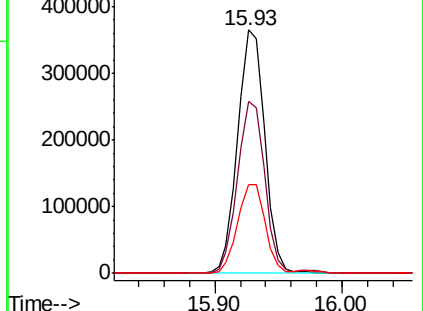
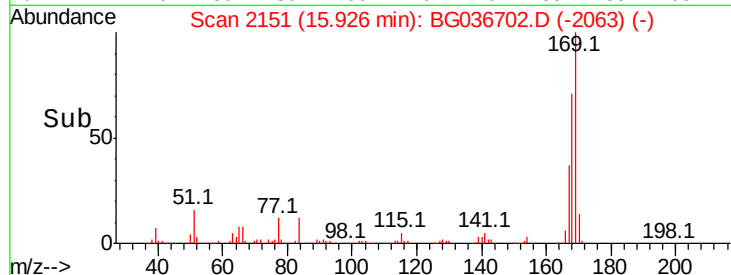
167 36.6 31.0 46.4



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: 39.721 ng

RT: 16.61 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

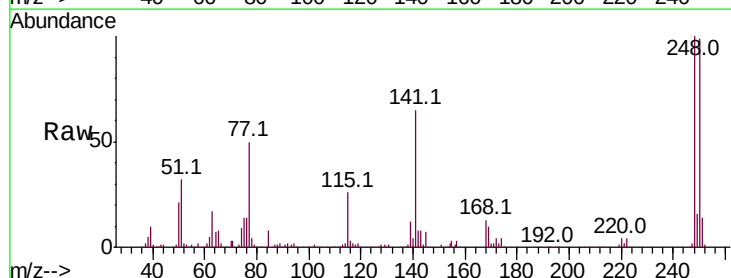
Tgt Ion:248 Resp: 223191

Ion Ratio Lower Upper

248 100

250 98.9 78.1 117.1

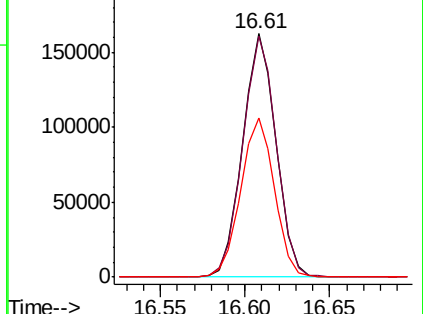
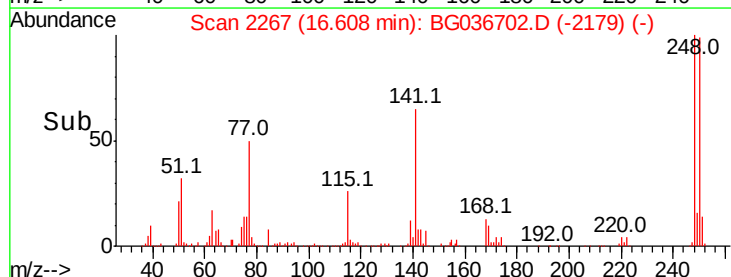
141 65.4 53.7 80.5

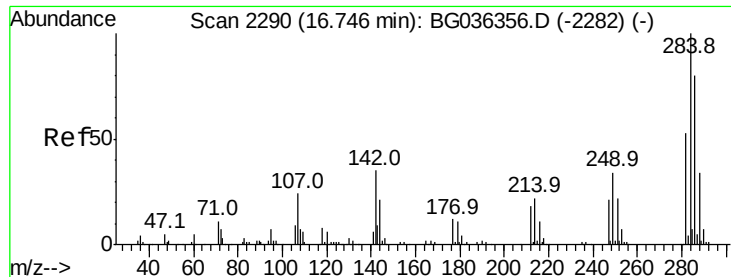


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

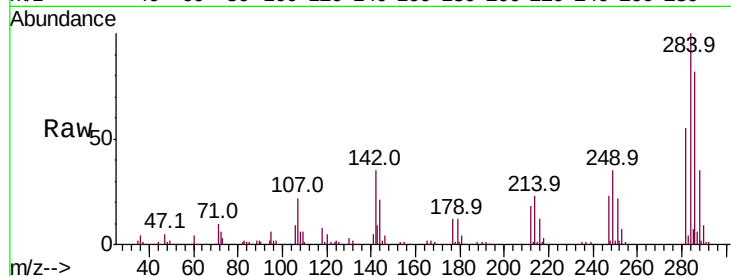




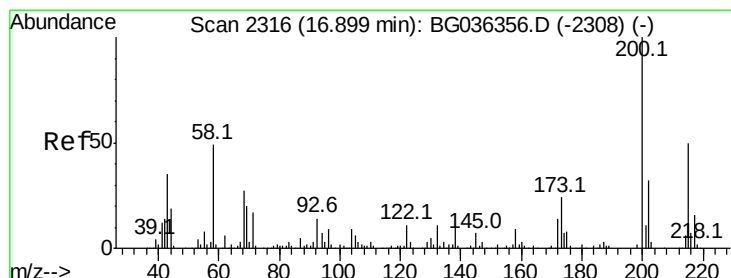
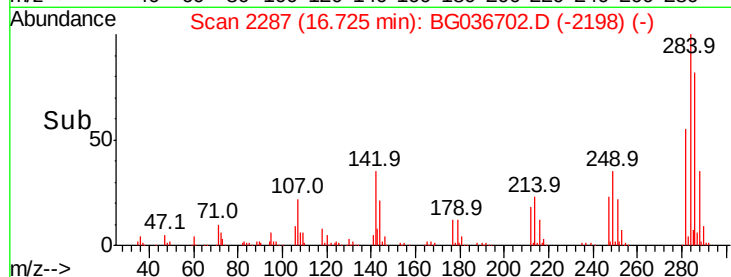
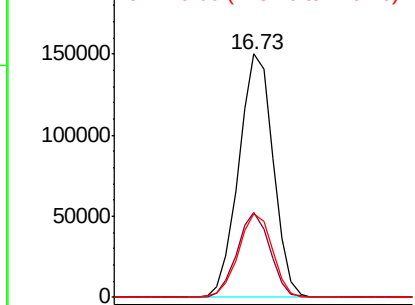
#67
Hexachlorobenzene
Concen: 39.298 ng
RT: 16.73 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB112800BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.9	27.8	41.6
249	34.5	27.4	41.2

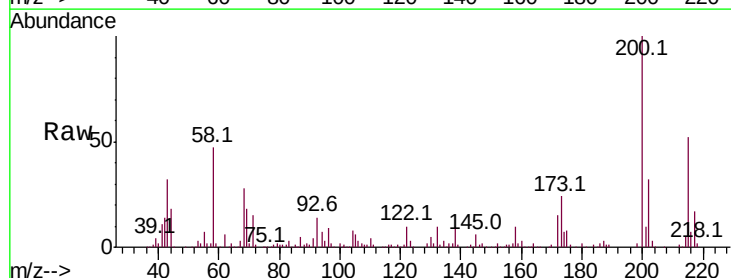


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

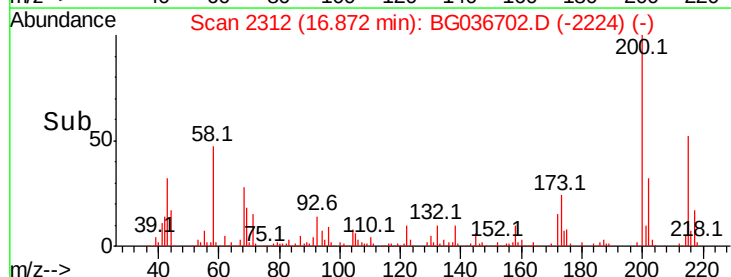
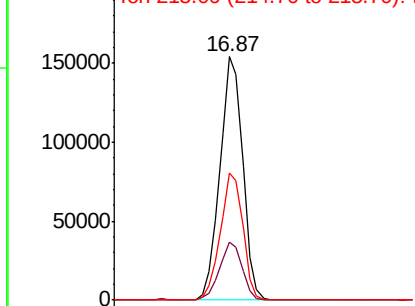


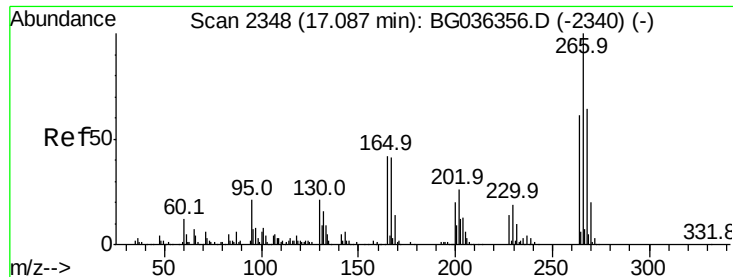
#68
Atrazine
Concen: 39.356 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.8	3.9	43.9
215	52.1	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

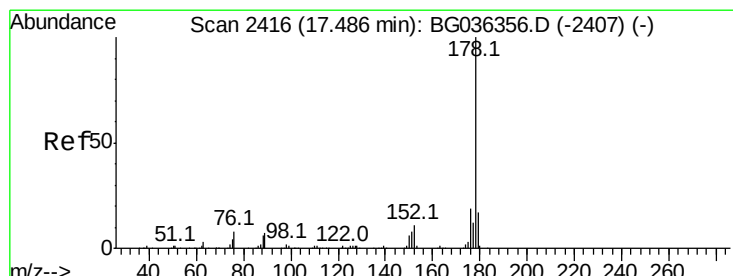
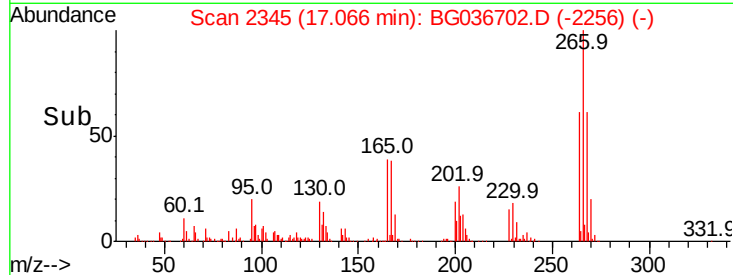
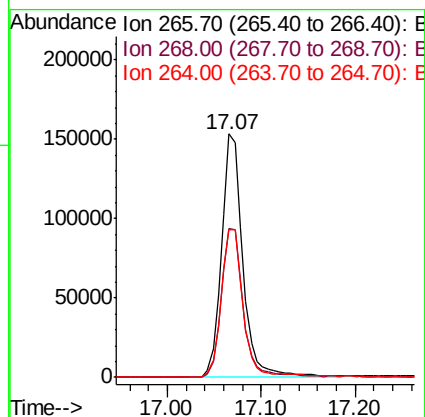
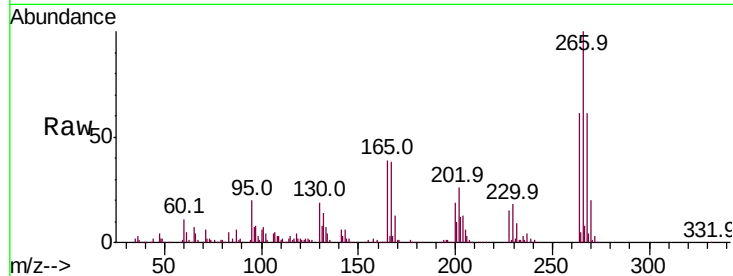




#69
 Pentachlorophenol
 Concen: 62.313 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

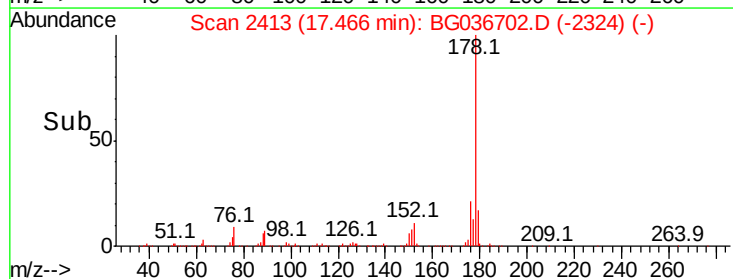
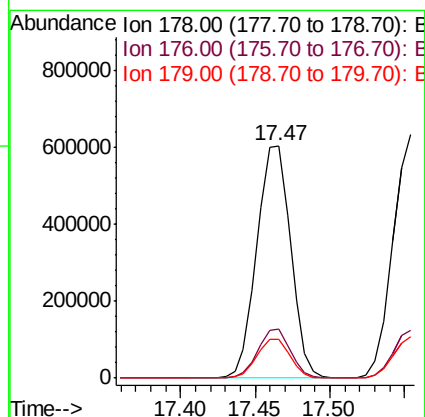
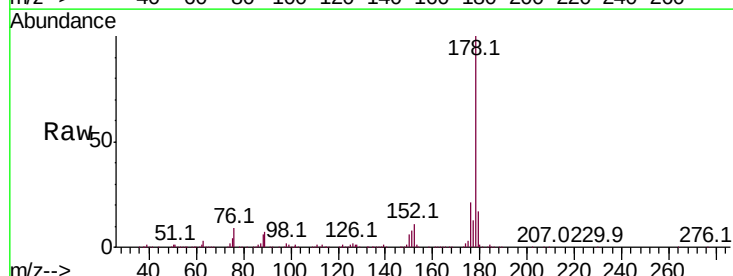
Instrument :
 BNA_G
 ClientSampleId :
 PB112800BS

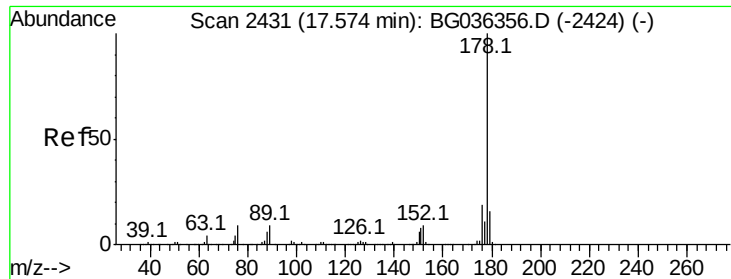
Tot Ion:	266	Resp:	243329
Ion	Ratio	Lower	Upper
266	100		
268	61.3	51.4	77.2
264	60.5	48.9	73.3



#70
 Phenanthrene
 Concen: 38.883 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

Tgt Ion:	178	Resp:	948230
Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.4	23.2
179	16.5	13.4	20.2

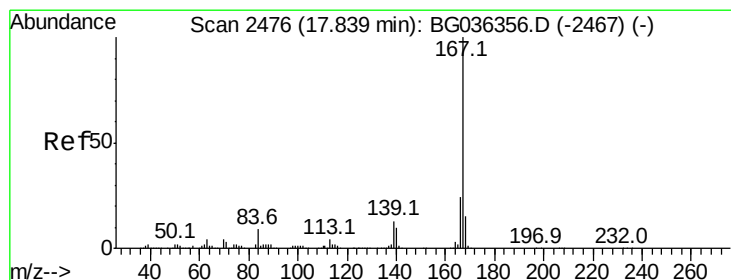
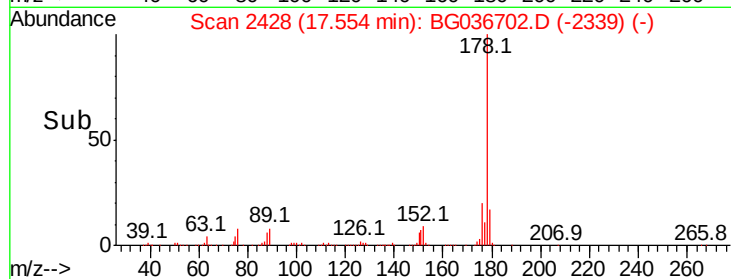
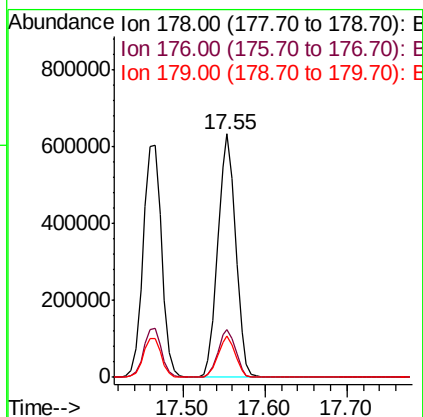
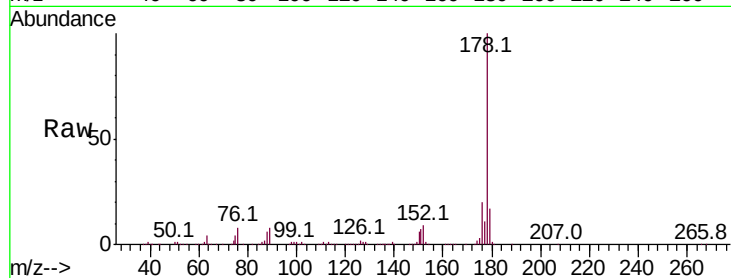




#71
 Anthracene
 Concen: 39.572 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

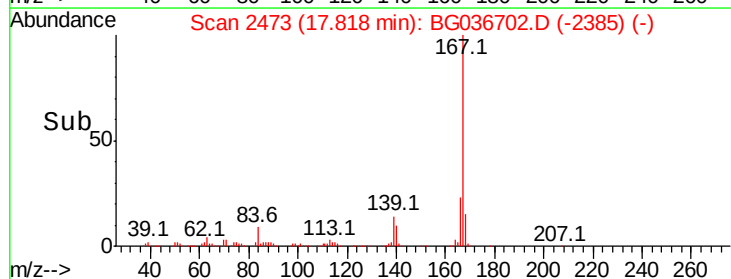
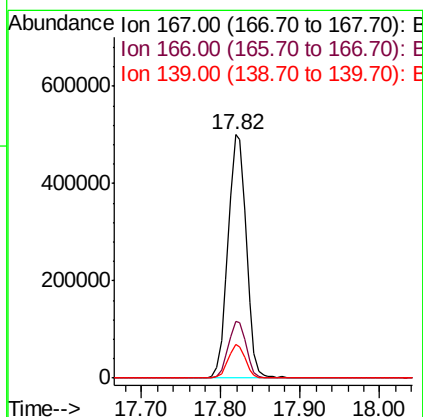
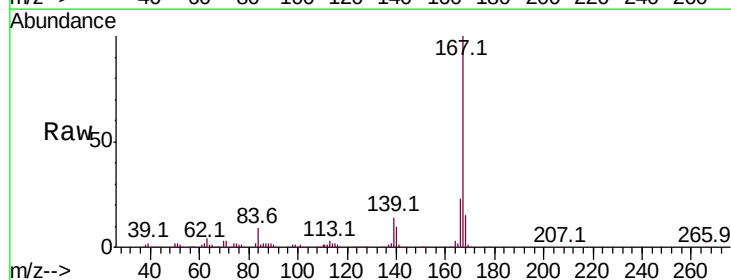
Instrument :
 BNA_G
 ClientSampleId :
 PB112800BS

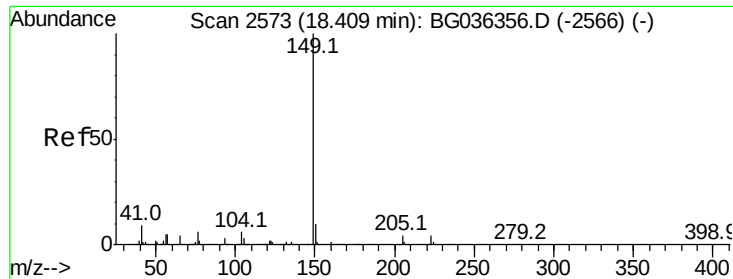
Tot Ion:178 Resp: 961956
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 16.9 13.0 19.4



#72
 Carbazole
 Concen: 32.876 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

Tgt Ion:167 Resp: 798149
 Ion Ratio Lower Upper
 167 100
 166 23.4 19.5 29.3
 139 13.7 10.7 16.1





#73

Di-n-butylphthalate

Concen: 33.940 ng

RT: 18.38 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PB112800BS

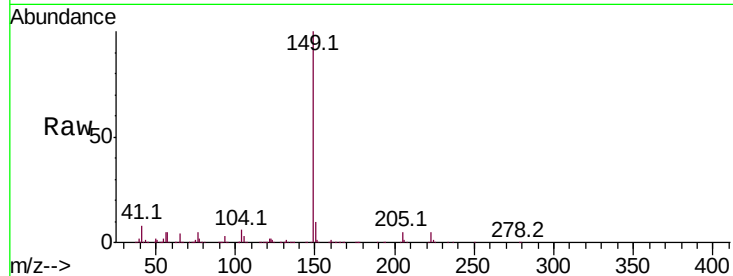
Tot Ion:149 Resp: 917532

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

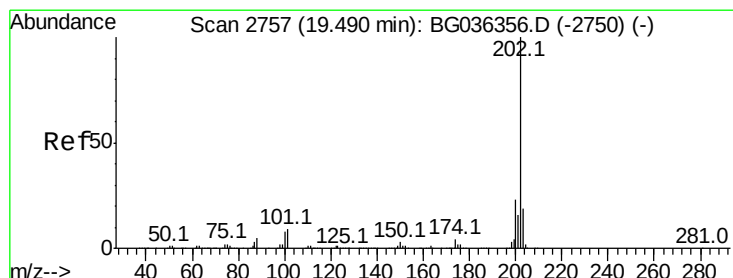
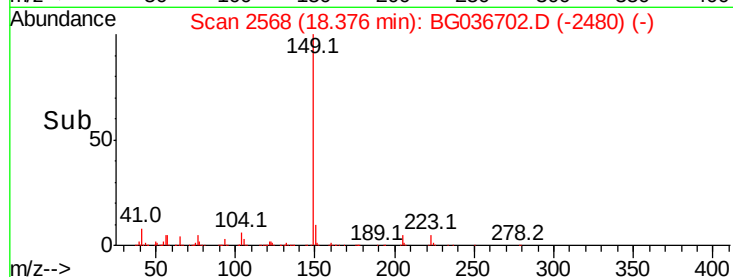
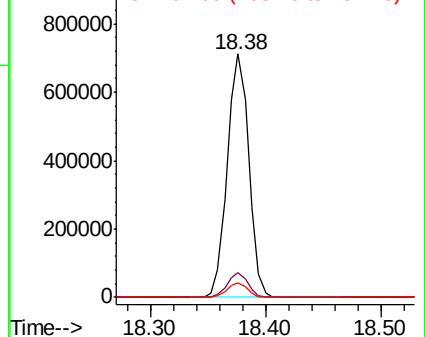
104 6.1 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.895 ng

RT: 19.46 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

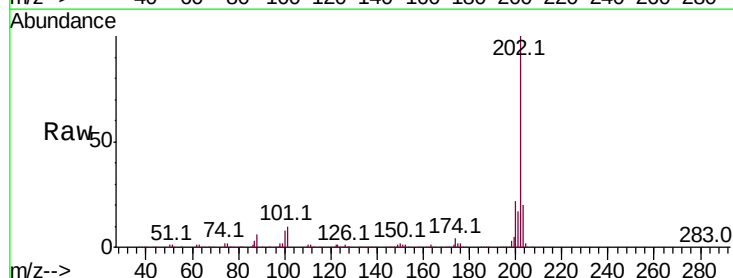
Tgt Ion:202 Resp: 1067250

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.4

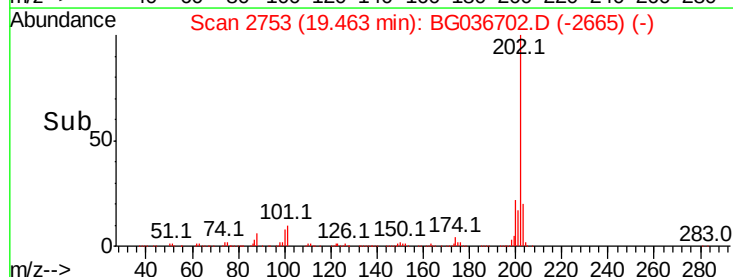
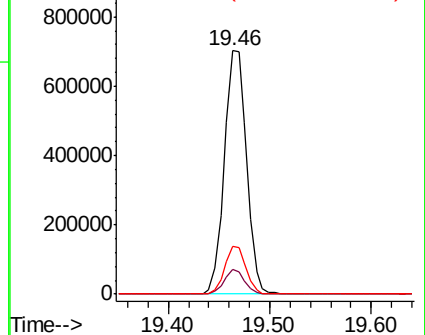
203 19.5 0.0 38.9

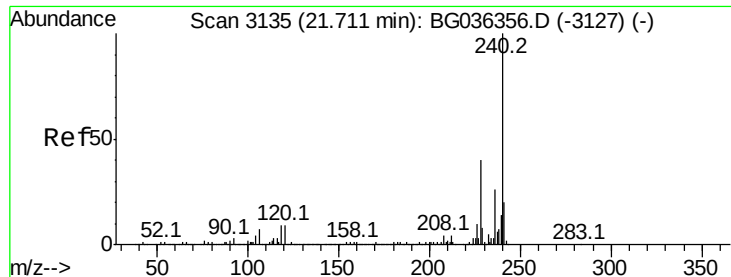


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PB112800BS

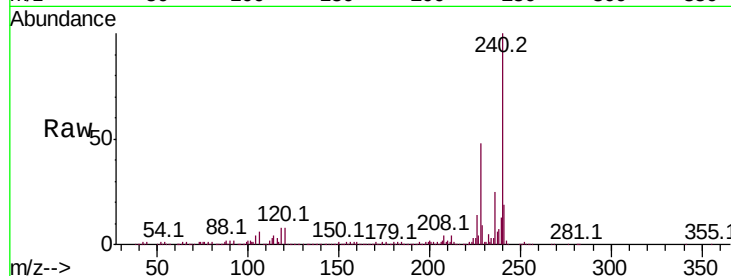
Tot Ion:240 Resp: 447486

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

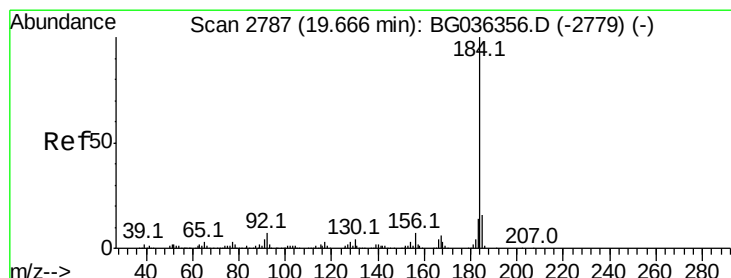
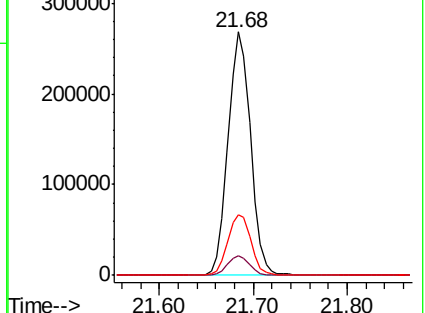
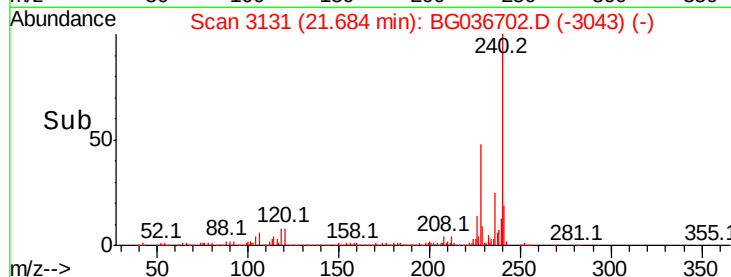
236 25.0 21.2 31.8



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: 27.793 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

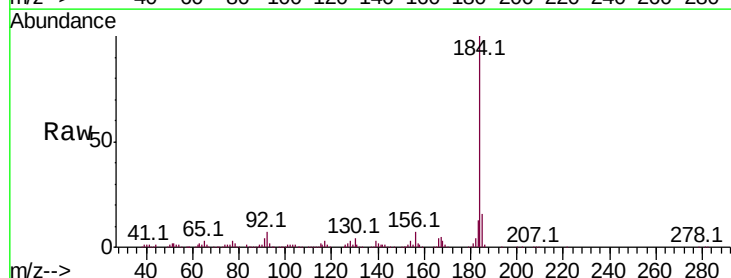
Tgt Ion:184 Resp: 396798

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

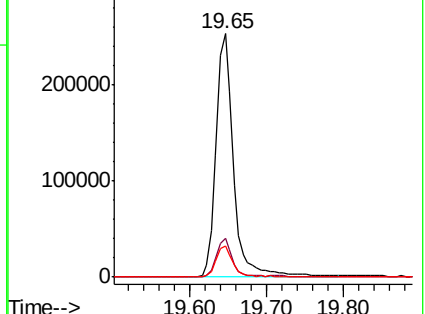
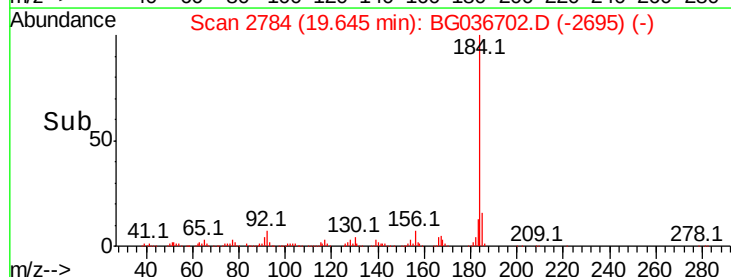
183 12.9 10.9 16.3

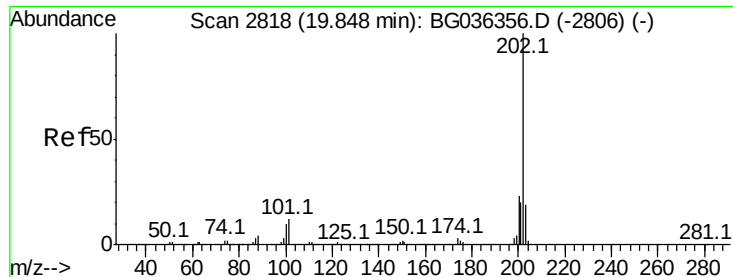


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

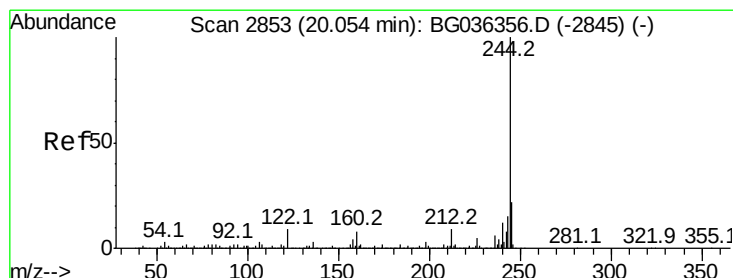
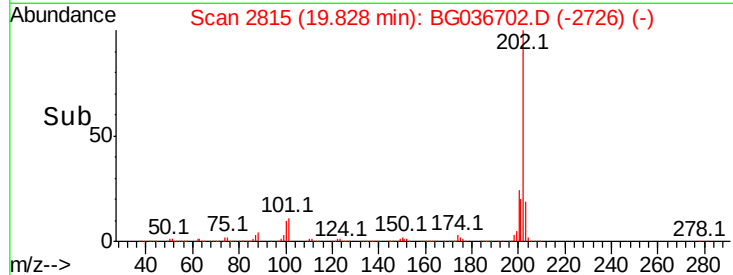
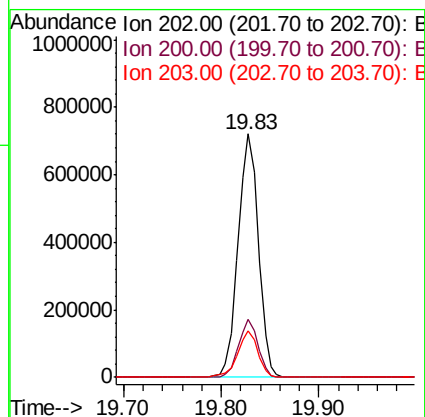
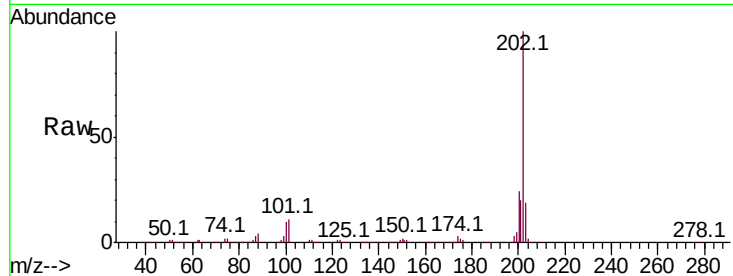




#77
Pvrene
Concen: 38.049 ng
RT: 19.83 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

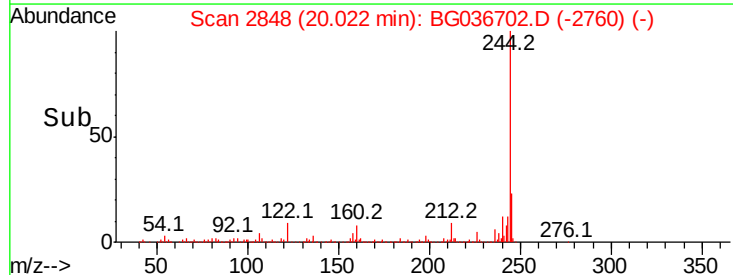
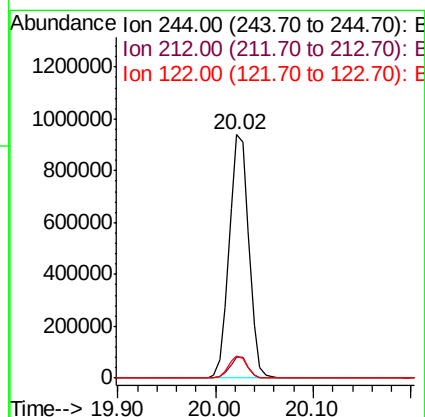
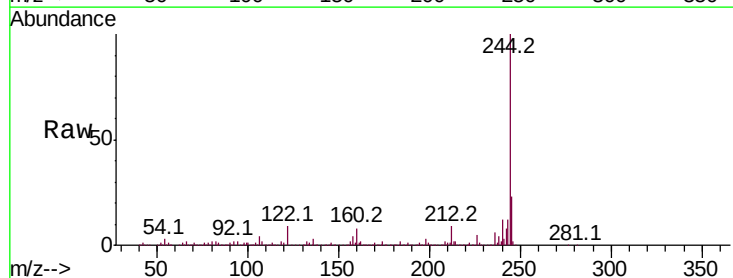
Instrument :
BNA_G
ClientSampleId :
PB112800BS

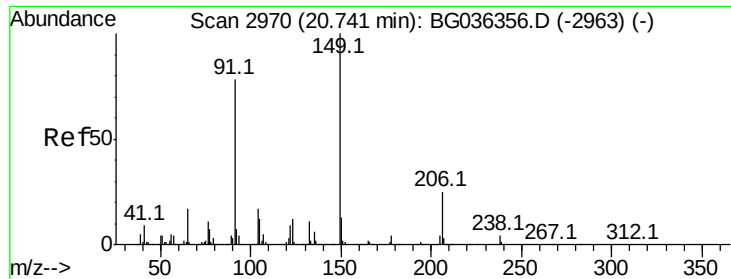
Tot Ion:202 Resp: 1047027
Ion Ratio Lower Upper
202 100
200 23.6 18.3 27.5
203 19.3 15.1 22.7



#78
Terphenyl-d14
Concen: 68.233 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

Tgt Ion:244 Resp: 1306328
Ion Ratio Lower Upper
244 100
212 8.6 7.0 10.6
122 9.1 7.1 10.7

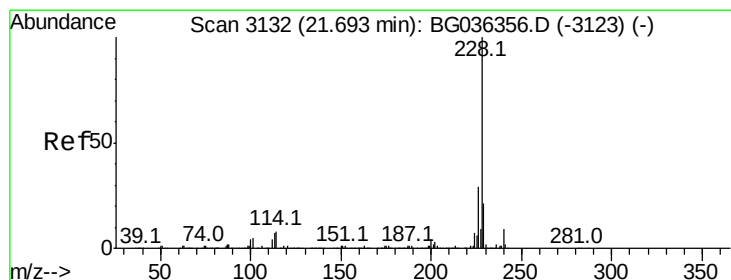
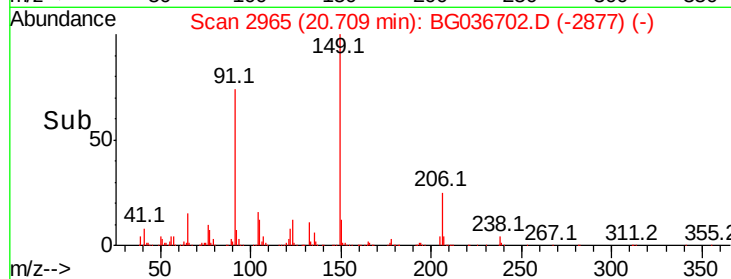
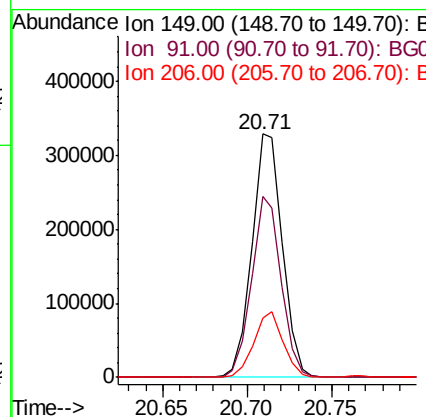
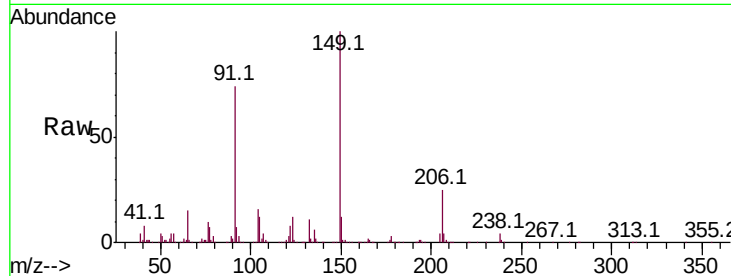




#79
Butylbenzylphthalate
Concen: 37.671 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

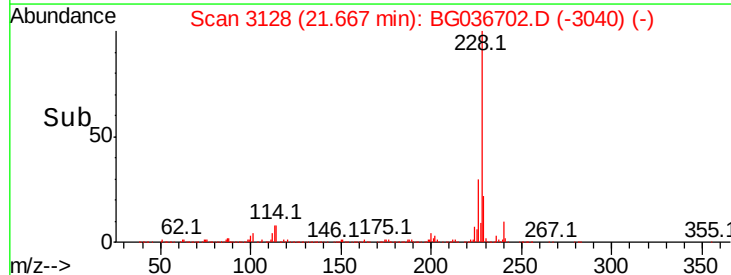
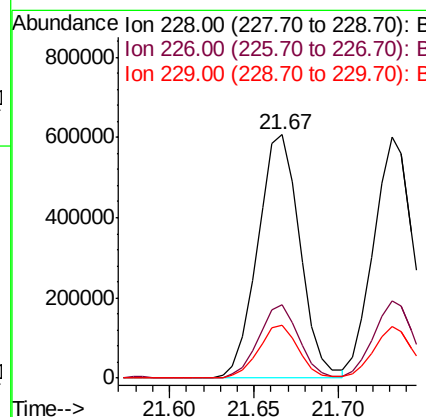
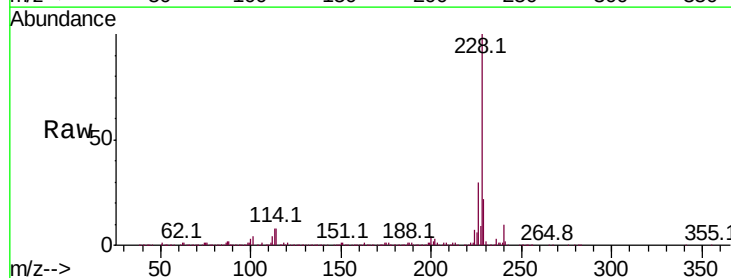
Instrument :
BNA_G
ClientSampleId :
PB112800BS

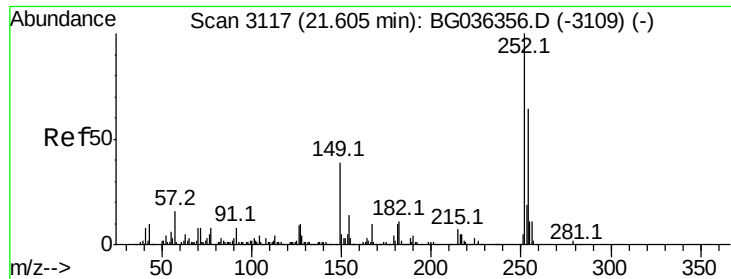
Tot Ion:149 Resp: 412545
Ion Ratio Lower Upper
149 100
91 74.1 62.0 93.0
206 24.6 19.6 29.4



#80
Benzo(a)anthracene
Concen: 38.993 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

Tgt Ion:228 Resp: 1057074
Ion Ratio Lower Upper
228 100
226 30.1 23.4 35.2
229 21.8 17.1 25.7

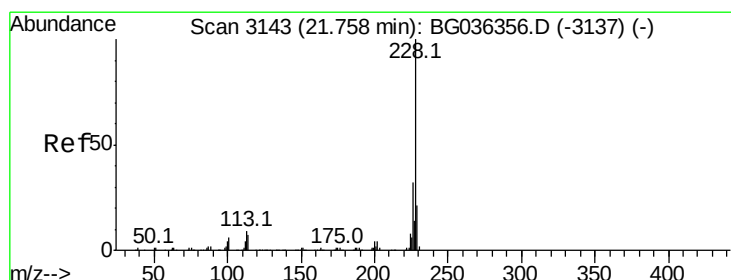
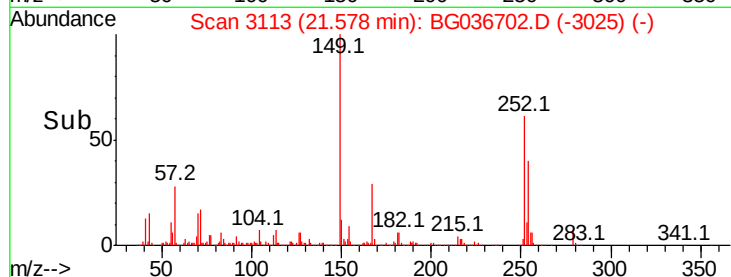
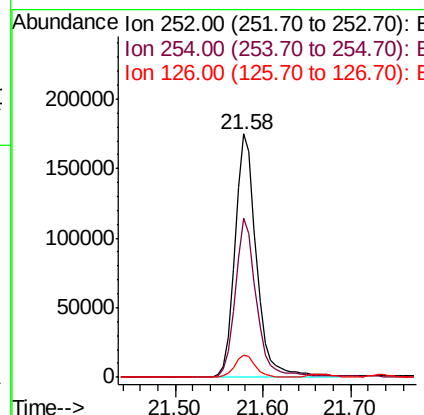
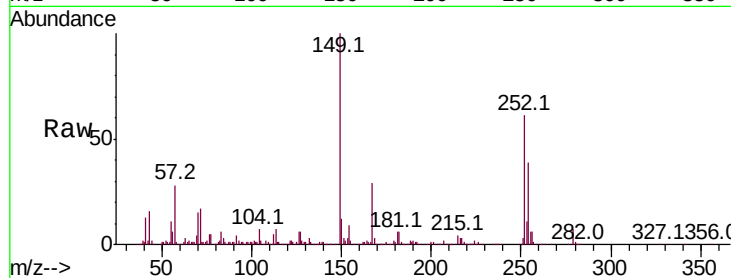




#81
 3,3'-Dichlorobenzidine
 Concen: 27.263 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

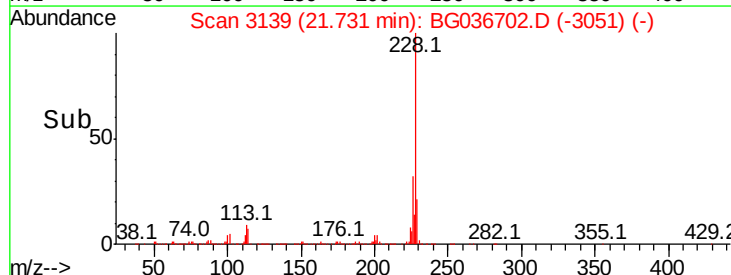
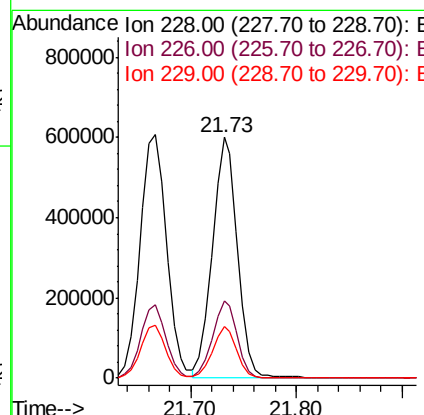
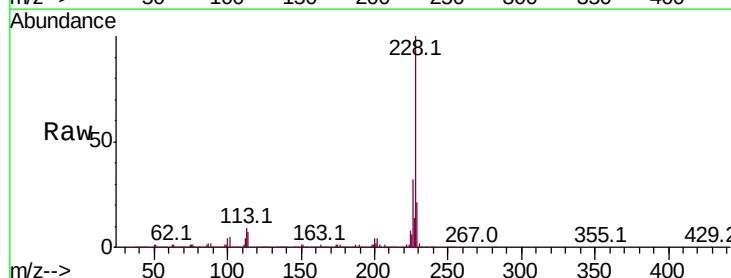
Instrument :
 BNA_G
 ClientSampleId :
 PB112800BS

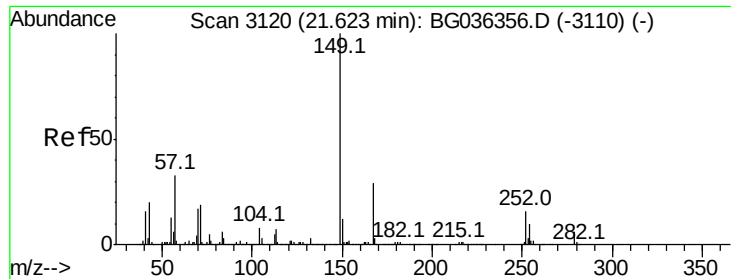
Tot Ion:252 Resp: 294554
 Ion Ratio Lower Upper
 252 100
 254 65.2 51.0 76.4
 126 9.2 7.4 11.0



#82
 Chrysene
 Concen: 38.369 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

Tgt Ion:228 Resp: 985932
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.5 38.3
 229 21.4 16.9 25.3

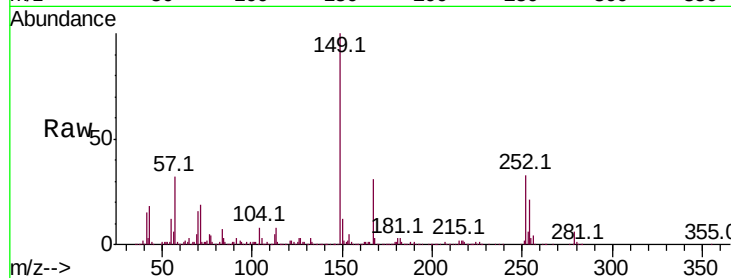




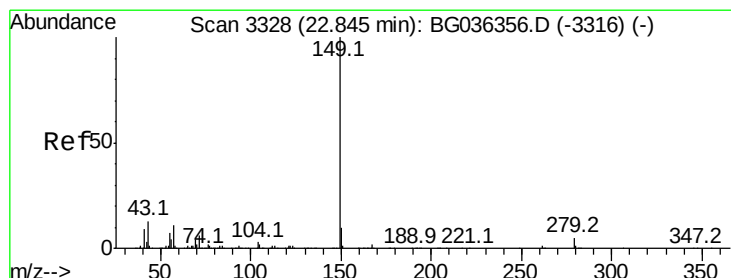
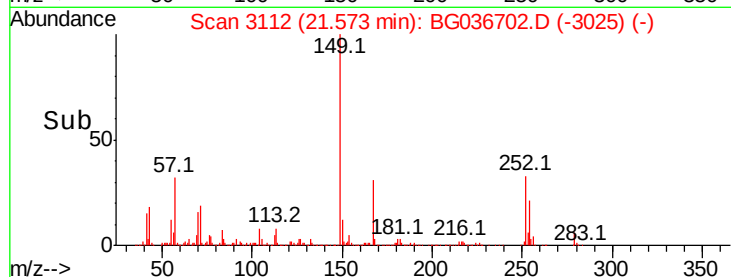
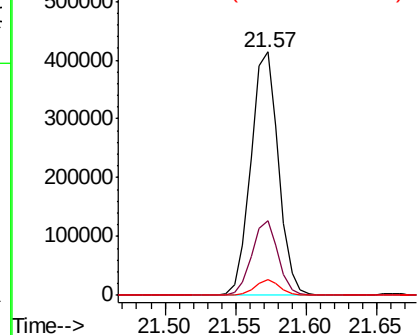
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.054 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.02 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB112800BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.9	23.4	35.0
279	6.3	4.6	7.0

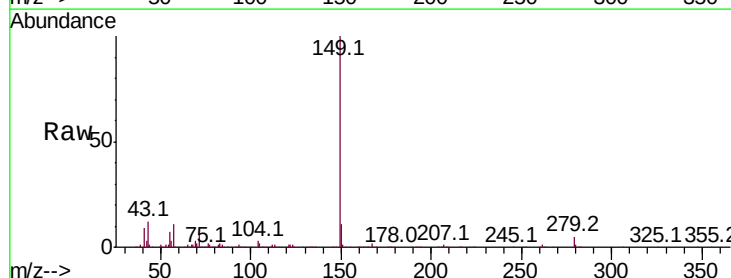


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

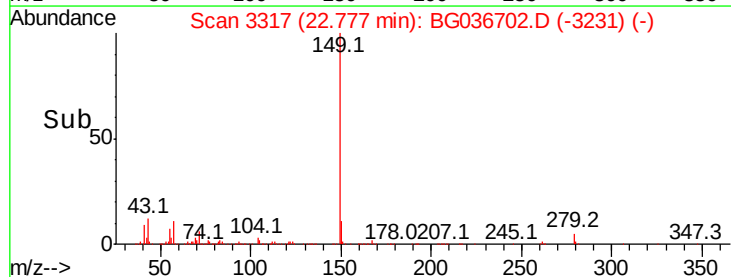
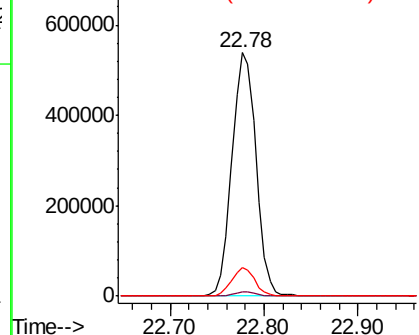


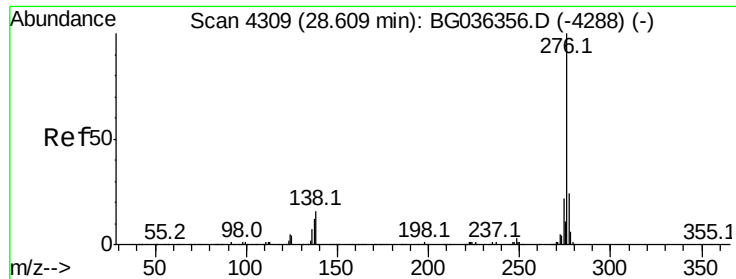
#84
 Di-n-octyl phthalate
 Concen: 37.456 ng
 RT: 22.78 min Scan# 3317
 Delta R.T. -0.02 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.2	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



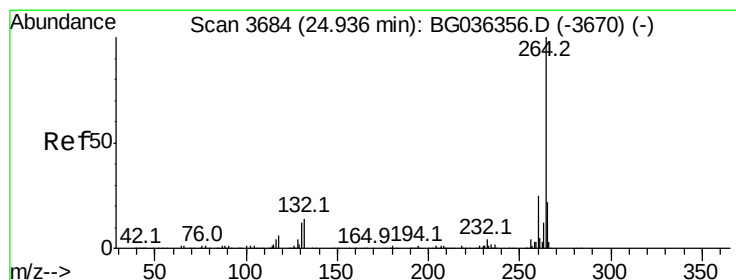
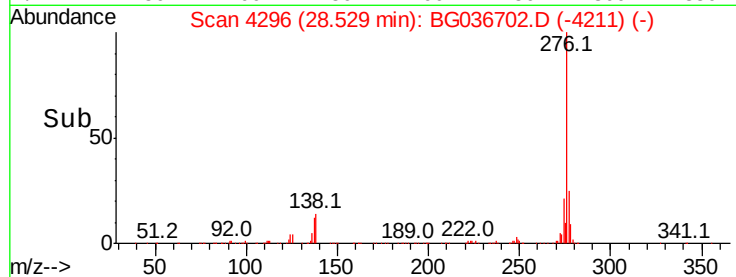
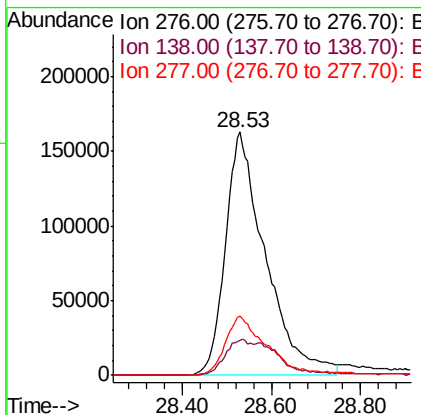
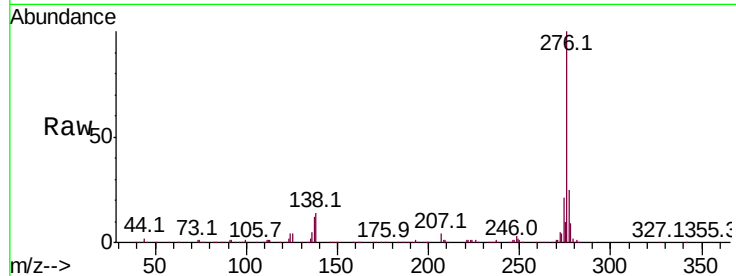


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.113 ng
 RT: 28.53 min Scan# 4296
 Delta R.T. -0.03 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB112800BS

Tot Ion:276 Resp: 1018126

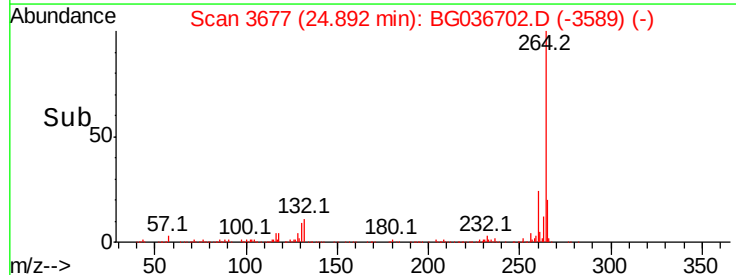
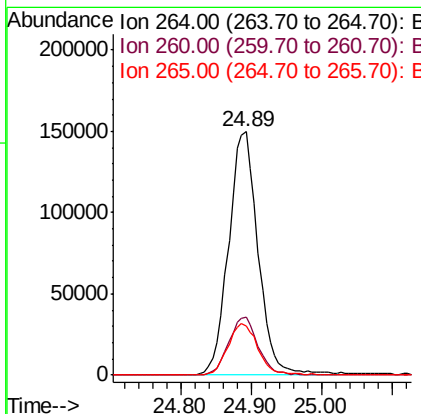
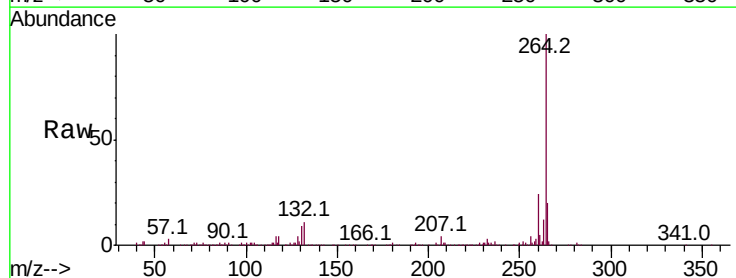
Ion	Ratio	Lower	Upper
276	100		
138	10.6	10.6	15.8
277	25.1	20.6	30.8

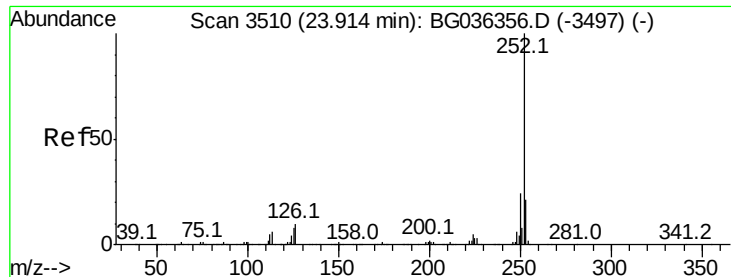


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

Tgt Ion:264 Resp: 434585

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	20.2	17.4	26.0

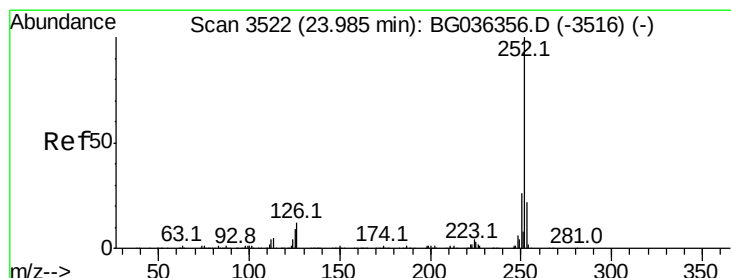
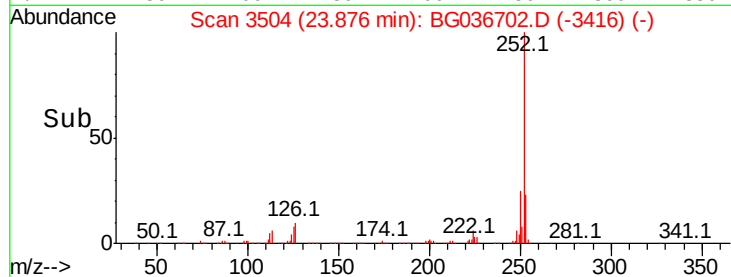
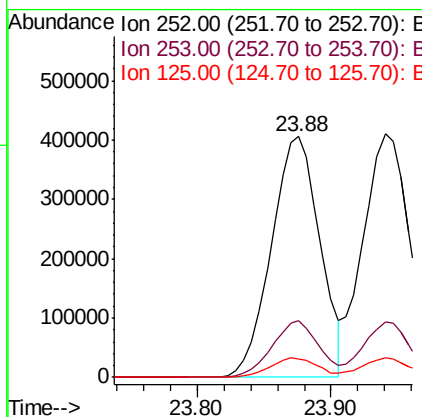
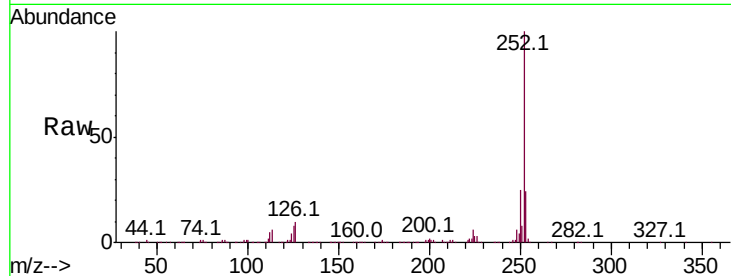




#87
Benzo(b)fluoranthene
Concen: 42.345 ng
RT: 23.88 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

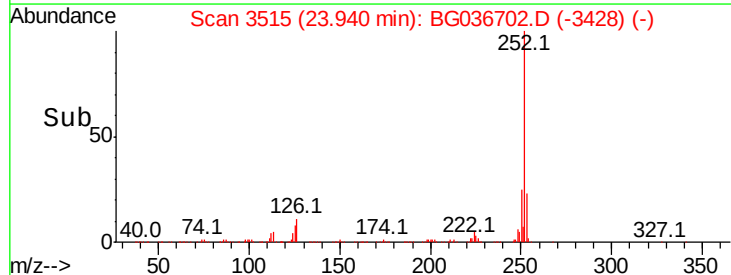
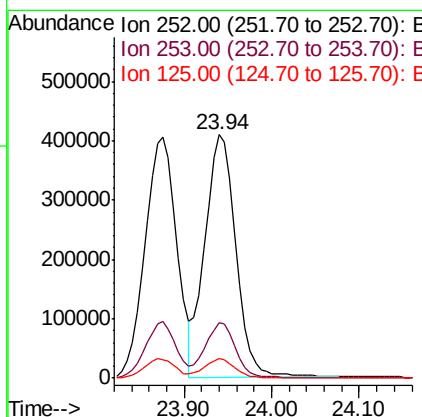
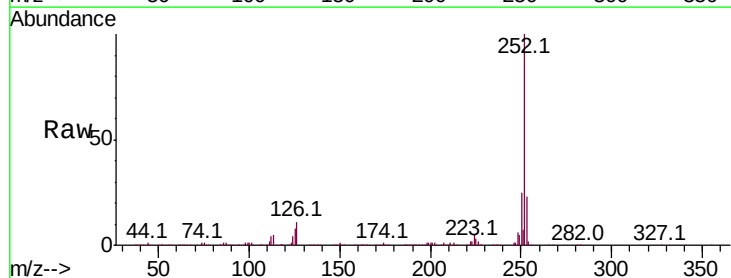
Instrument :
BNA_G
ClientSampleId :
PB112800BS

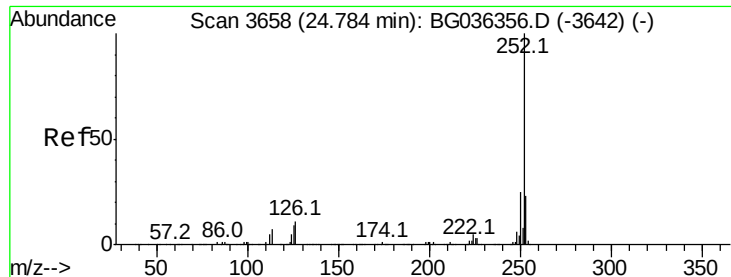
Tot Ion:252 Resp: 1021896
Ion Ratio Lower Upper
252 100
253 23.5 17.1 25.7
125 7.8 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 42.873 ng
RT: 23.94 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BG036702.D
Acq: 14 Sep 2018 11:15

Tgt Ion:252 Resp: 1010796
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 8.2 7.0 10.6





#89

Benzo(a)pyrene

Concen: 42.480 ng

RT: 24.74 min Scan# 3651

Delta R.T. -0.02 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PB112800BS

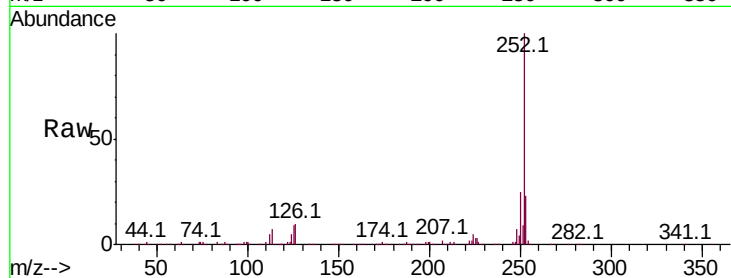
Tot Ion:252 Resp: 985102

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

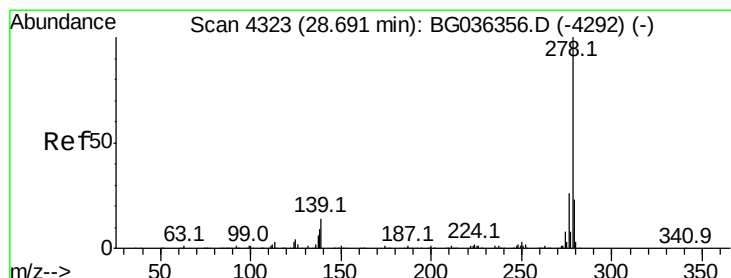
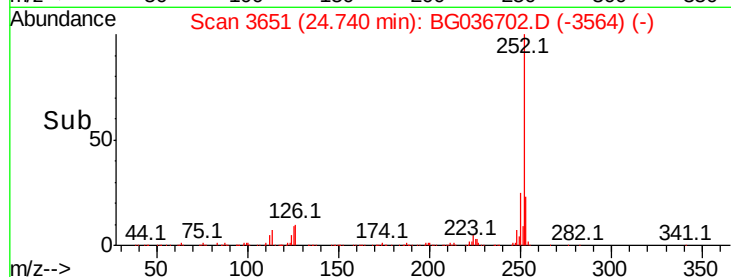
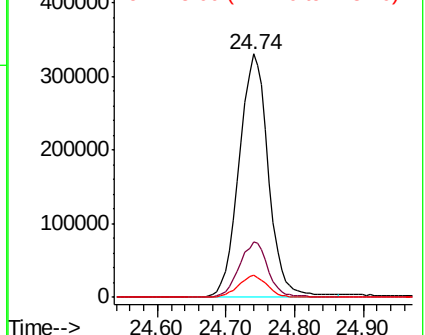
125 8.9 7.3 10.9



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: 35.641 ng

RT: 28.59 min Scan# 4307

Delta R.T. -0.03 min

Lab File: BG036702.D

Acq: 14 Sep 2018 11:15

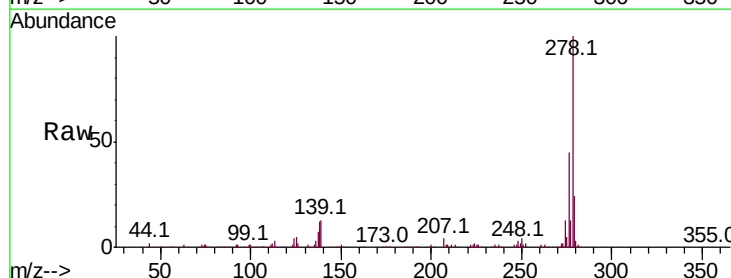
Tgt Ion:278 Resp: 797900

Ion Ratio Lower Upper

278 100

139 12.9 11.0 16.4

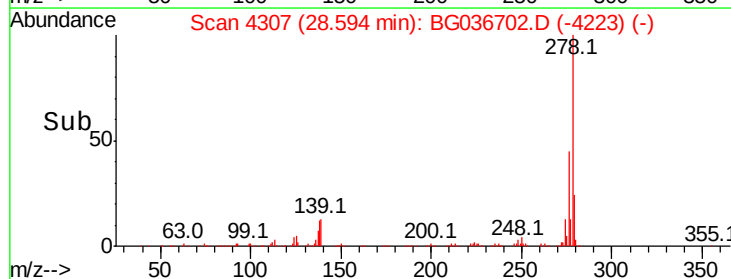
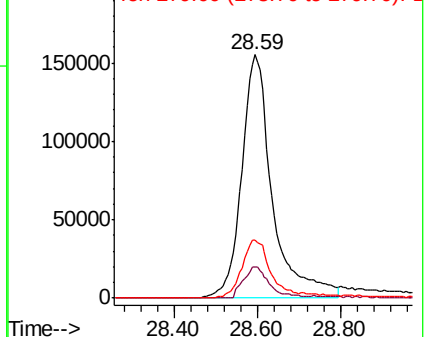
279 23.7 18.7 28.1

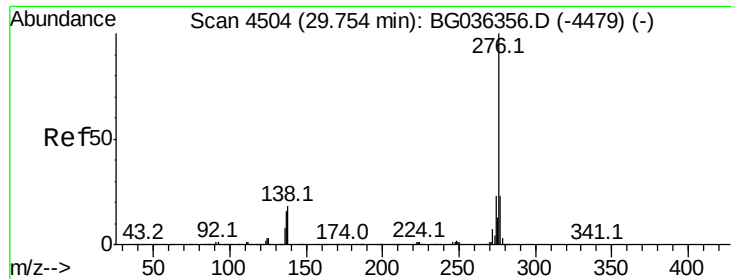


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.199 ng
 RT: 29.67 min Scan# 4491
 Delta R.T. -0.02 min
 Lab File: BG036702.D
 Acq: 14 Sep 2018 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB112800BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.4	27.6
138	16.8	14.6	22.0

