

Data File : BG036609.D
Acq On : 7 Sep 2018 22:52
Operator : JU/SJ
Sample : PB112689BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112689BS

Quant Time: Sep 08 00:48:21 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	56906	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	249069	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	169169	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	427983	20.00	ng	0.00
75) Chrysene-d12	21.69	240	425244	20.00	ng	0.00
86) Perylene-d12	24.90	264	445171	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	426936	119.01	ng	0.00
7) Phenol-d6	7.21	99	601329	117.08	ng	0.00
23) Nitrobenzene-d5	9.22	82	366657	79.87	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	262379	129.98	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	867502	73.22	ng	0.00
78) Terphenyl-d14	20.03	244	1421729	78.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	48373	28.894	ng	97
3) Pyridine	3.92	79	150991	32.130	ng	95
4) n-Nitrosodimethylamine	3.84	42	80889	38.646	ng	96
6) Aniline	7.38	93	158376	24.293	ng	96
8) 2-Chlorophenol	7.62	128	167134	42.962	ng	98
9) Benzaldehyde	7.19	77	100383	28.381	ng	97
10) Phenol	7.24	94	236905	44.076	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	158981	37.309	ng	97
12) 1,3-Dichlorobenzene	7.94	146	164399	37.009	ng	100
13) 1,4-Dichlorobenzene	8.09	146	170336	37.980	ng	98
14) 1,2-Dichlorobenzene	8.41	146	163650	38.208	ng	96
15) Benzyl Alcohol	8.29	79	170044	41.068	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	301965	35.139	ng	97
17) 2-Methylphenol	8.50	107	161222	45.173	ng	98
18) Hexachloroethane	9.14	117	62362	38.783	ng	92
19) n-Nitroso-di-n-propylamine	8.86	70	141763	36.931	ng	96
20) 3+4-Methylphenols	8.82	107	221450	44.443	ng	97
22) Acetophenone	8.88	105	257787	39.414	ng	# 98
24) Nitrobenzene	9.26	77	210445	42.513	ng	96
25) Isophorone	9.78	82	394902	43.304	ng	98
26) 2-Nitrophenol	9.97	139	94898	48.378	ng	97
27) 2,4-Dimethylphenol	10.03	122	176516	48.605	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	232667	41.571	ng	97
29) 2,4-Dichlorophenol	10.50	162	190308	47.815	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	187628	40.298	ng	99
31) Naphthalene	10.92	128	540581	43.418	ng	99
32) Benzoic acid	10.16	122	101517	38.665	ng	97
33) 4-Chloroaniline	11.02	127	81931	14.360	ng	99
34) Hexachlorobutadiene	11.20	225	126528	40.446	ng	97
35) Caprolactam	11.80	113	51935	32.756	ng	# 86
36) 4-Chloro-3-methylphenol	12.13	107	214073	46.289	ng	96
37) 2-Methylnaphthalene	12.51	142	422538	46.381	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	244077	40.770	ng	99
40) Hexachlorocyclopentadiene	12.86	237	300893	96.599	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	167494	45.929	ng	96
43) 2,4,5-Trichlorophenol	13.18	196	181528	46.669	ng	99
45) 1,1'-Biphenyl	13.52	154	551174	39.251	ng	99
46) 2-Chloronaphthalene	13.56	162	425383	39.681	ng	100
47) 2-Nitroaniline	13.76	65	155454	46.179	ng	97
48) Acenaphthylene	14.41	152	732588	43.726	ng	100
49) Dimethylphthalate	14.14	163	582524	42.170	ng	99
50) 2,6-Dinitrotoluene	14.25	165	130944	46.067	ng	93
51) Acenaphthene	14.75	154	432505	40.308	ng	98
52) 3-Nitroaniline	14.58	138	80907	26.413	ng	96
53) 2,4-Dinitrophenol	14.79	184	76489	71.043	ng	94
54) Dibenzofuran	15.08	168	698103	41.528	ng	98
55) 4-Nitrophenol	14.89	139	199633	79.710	ng	99
56) 2,4-Dinitrotoluene	15.04	165	183600	49.560	ng	90
57) Fluorene	15.73	166	552686	43.980	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	180135	49.291	ng	96
59) Diethylphthalate	15.50	149	570738	40.998	ng	100
60) 4-Chlorophenyl-phenylether	15.72	204	324212	41.781	ng	97
61) 4-Nitroaniline	15.75	138	138439	43.190	ng	98
62) Azobenzene	16.01	77	562861	39.738	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	81119	43.147	ng	98
65) n-Nitrosodiphenylamine	15.93	169	512377	40.291	ng	97
66) 4-Bromophenyl-phenylether	16.61	248	210164	41.942	ng	97
67) Hexachlorobenzene	16.73	284	217151	42.381	ng	95
68) Atrazine	16.88	200	215717	45.193	ng	99
69) Pentachlorophenol	17.07	266	238654	68.534	ng	99
70) Phenanthrene	17.47	178	933657	42.933	ng	99
71) Anthracene	17.56	178	950731	43.857	ng	99
72) Carbazole	17.83	167	833219	38.487	ng	100
73) Di-n-butylphthalate	18.38	149	956452	39.673	ng	99
74) Fluoranthene	19.47	202	1136211	42.853	ng	99
76) Benzidine	19.65	184	378528	27.900	ng	100
77) Pyrene	19.83	202	1113519	42.582	ng	98
79) Butylbenzylphthalate	20.72	149	439368	42.219	ng	95
80) Benzo(a)anthracene	21.67	228	1122434	43.569	ng	98
81) 3,3'-Dichlorobenzidine	21.59	252	235117	22.900	ng	99
82) Chrysene	21.74	228	1044324	42.767	ng	98
83) Bis(2-ethylhexyl)phthalate	21.58	149	598540	41.100	ng	99
84) Di-n-octyl phthalate	22.79	149	1018624	41.876	ng	97
85) Indeno(1,2,3-cd)pyrene	28.55	276	1226276	43.236	ng	99
87) Benzo(b)fluoranthene	23.88	252	1148048	46.441	ng	97
88) Benzo(k)fluoranthene	23.95	252	1061576	43.956	ng	98
89) Benzo(a)pyrene	24.75	252	1090286	45.898	ng	100
90) Dibenzo(a,h)anthracene	28.62	278	995959	43.430	ng	97
91) Benzo(g,h,i)perylene	29.69	276	1025944	44.518	ng	97

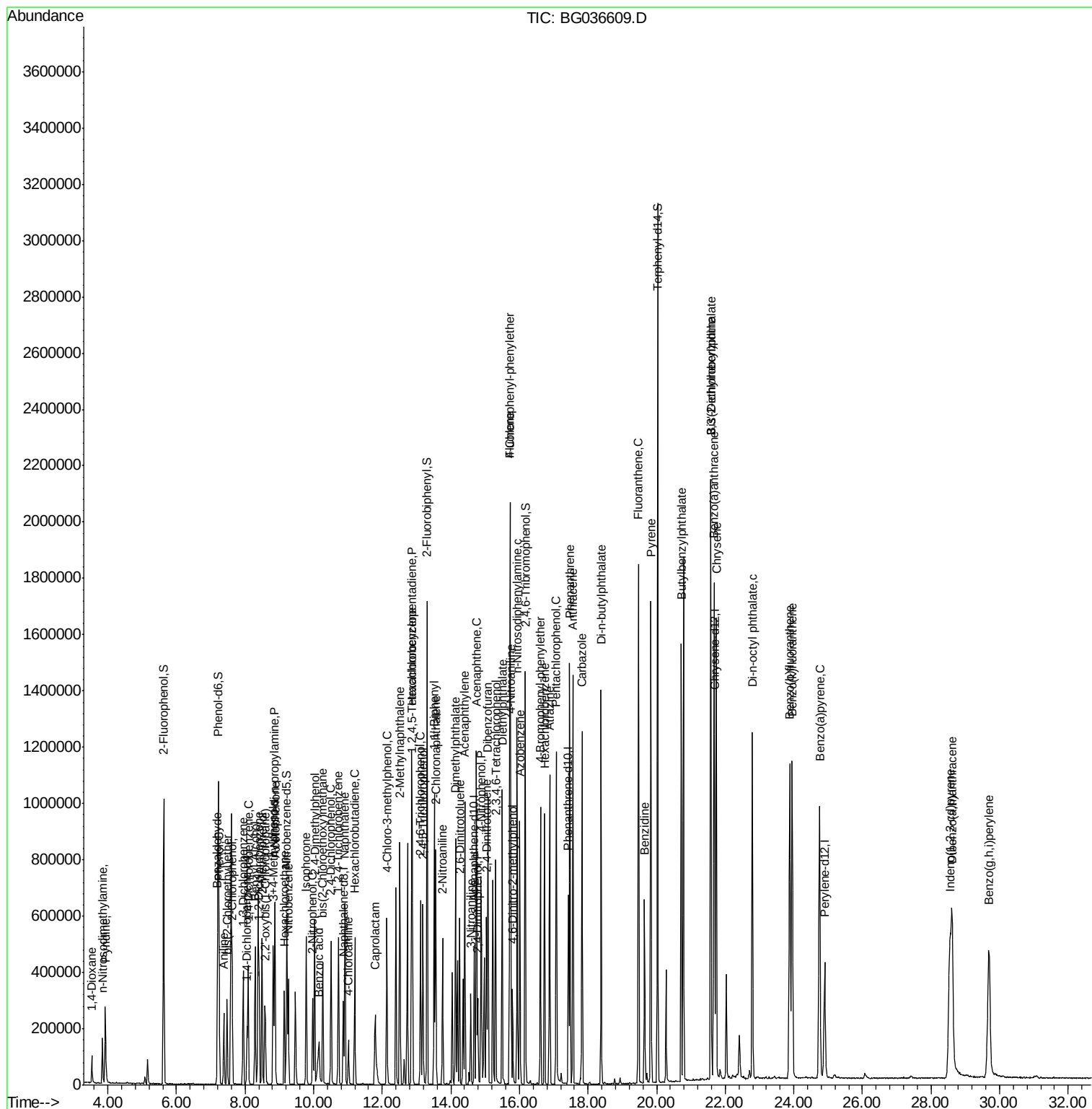
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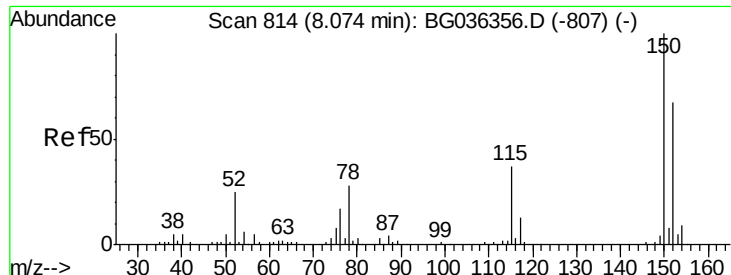
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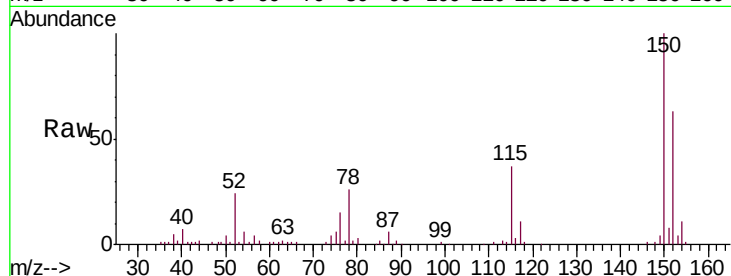




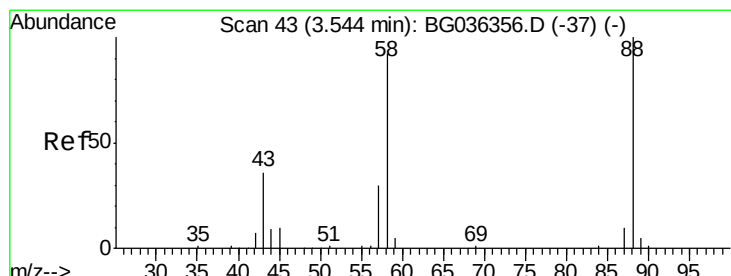
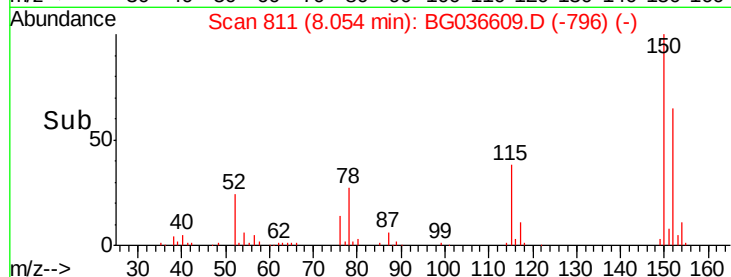
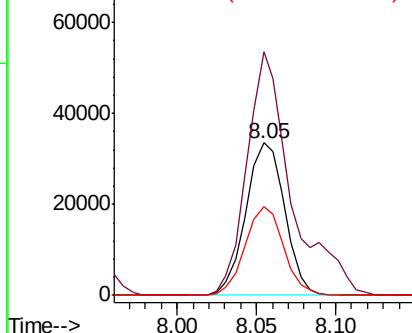
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036609.D
 Acq: 7 Sep 2018 22:52

Instrument :
 BNA_G
 ClientSampleId :
 PB112689BS

Tgt Ion:152 Resp: 56906
 Ion Ratio Lower Upper
 152 100
 150 160.0 119.5 179.3
 115 58.4 44.5 66.7

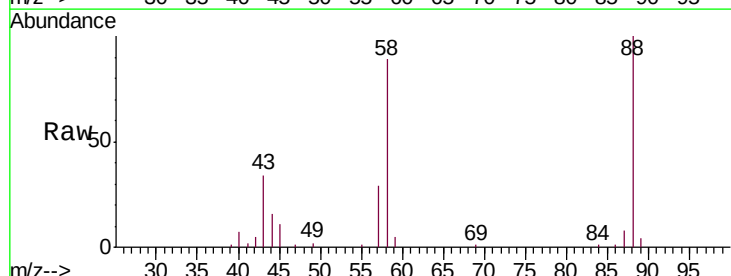


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

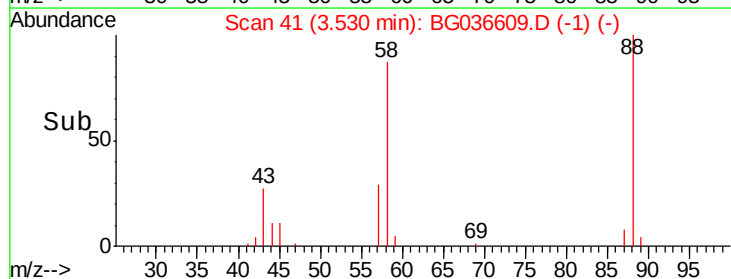
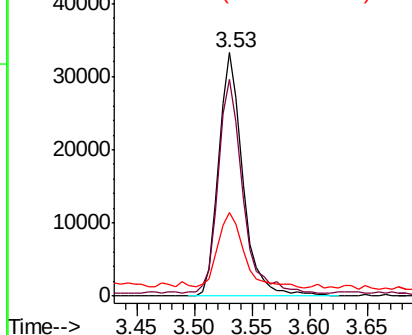


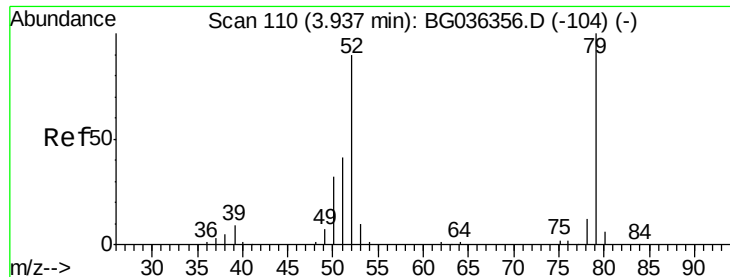
#2
 1,4-Dioxane
 Concen: 28.894 ng
 RT: 3.53 min Scan# 41
 Delta R.T. -0.01 min
 Lab File: BG036609.D
 Acq: 7 Sep 2018 22:52

Tgt Ion: 88 Resp: 48373
 Ion Ratio Lower Upper
 88 100
 58 89.3 72.6 109.0
 43 32.9 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

Pyridine

Concen: 32.130 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG036609.D

Acq: 7 Sep 2018 22:52

Instrument :

BNA_G

ClientSampleId :

PB112689BS

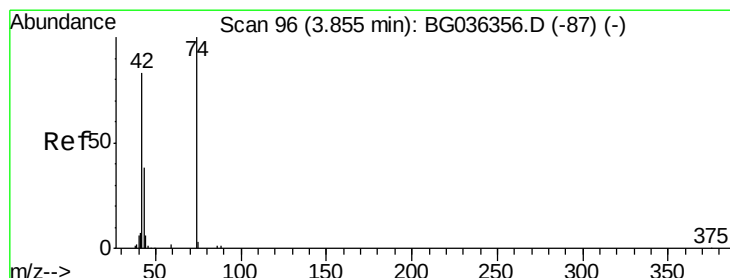
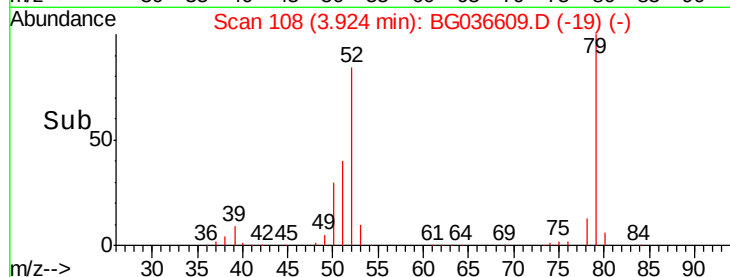
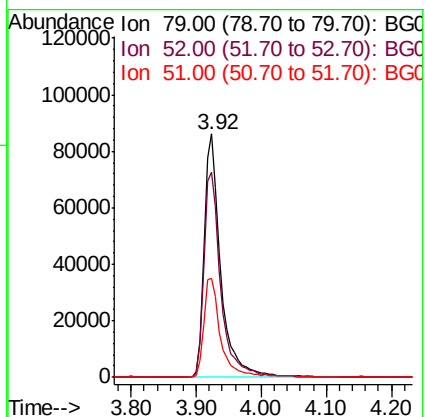
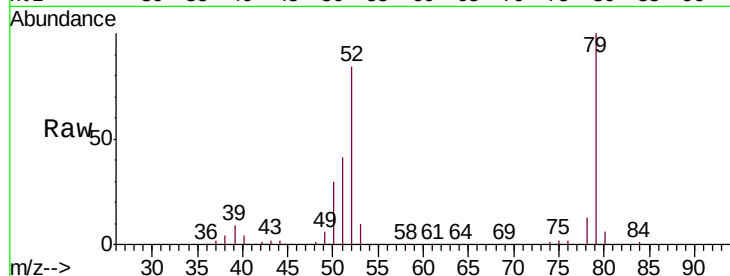
Tgt Ion: 79 Resp: 150991

Ion Ratio Lower Upper

79 100

52 84.4 72.3 108.5

51 40.5 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 38.646 ng

RT: 3.84 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG036609.D

Acq: 7 Sep 2018 22:52

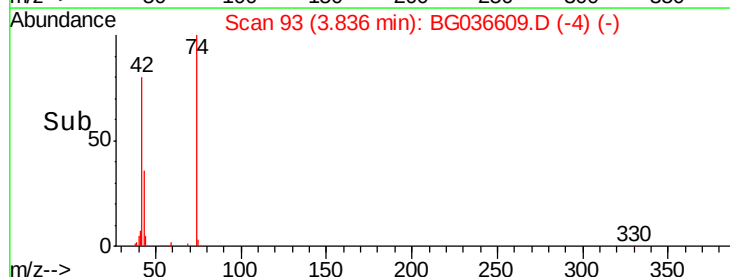
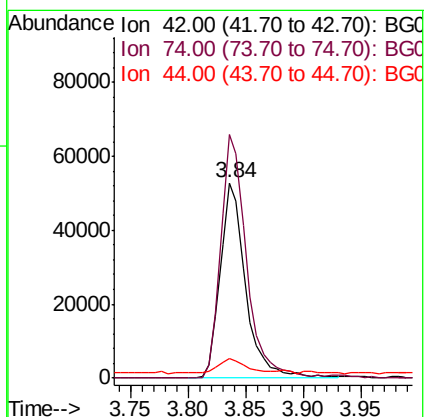
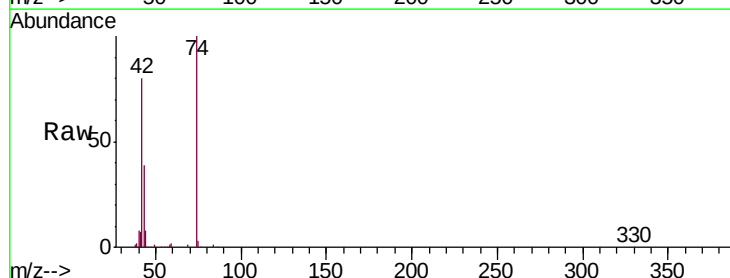
Tgt Ion: 42 Resp: 80889

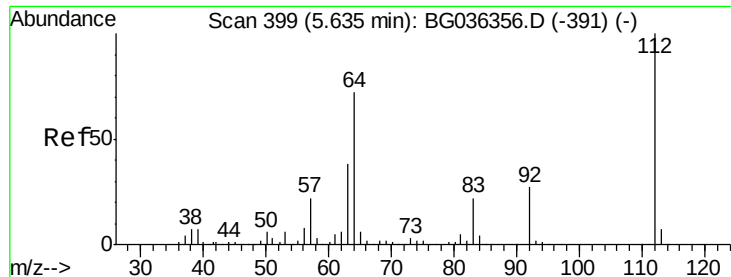
Ion Ratio Lower Upper

42 100

74 124.8 96.6 145.0

44 9.9 7.0 10.4





#5

2-Fluorophenol

Concen: 119.011 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036609.D

Acq: 7 Sep 2018 22:52

Instrument :

BNA_G

ClientSampleId :

PB112689BS

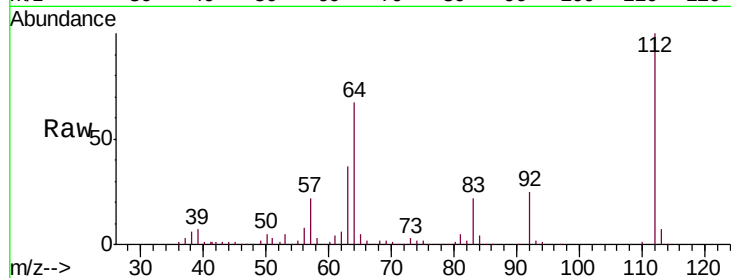
Tgt Ion: 112 Resp: 426936

Ion Ratio Lower Upper

112 100

64 67.1 57.2 85.8

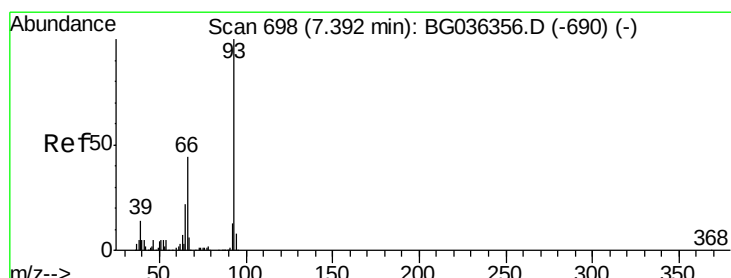
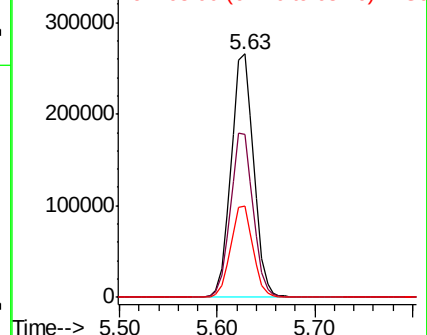
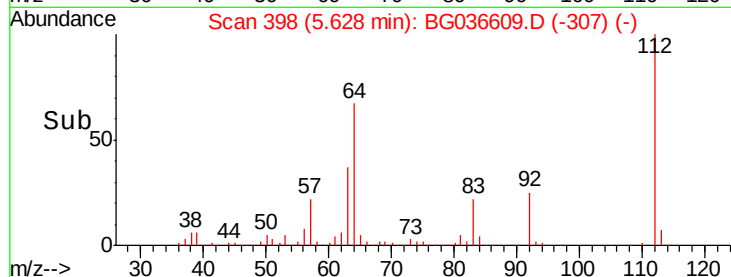
63 37.3 30.8 46.2



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: 24.293 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG036609.D

Acq: 7 Sep 2018 22:52

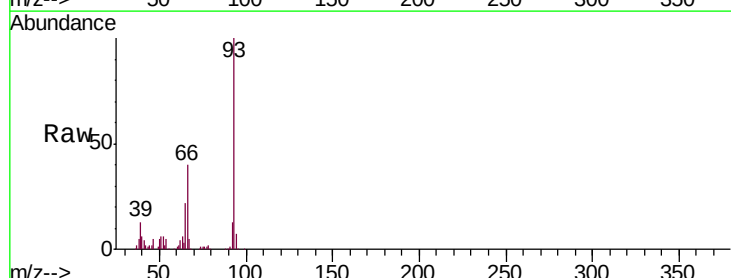
Tgt Ion: 93 Resp: 158376

Ion Ratio Lower Upper

93 100

66 39.7 35.0 52.4

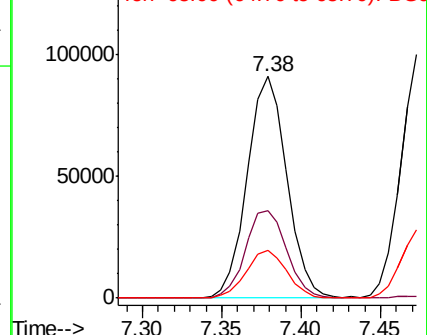
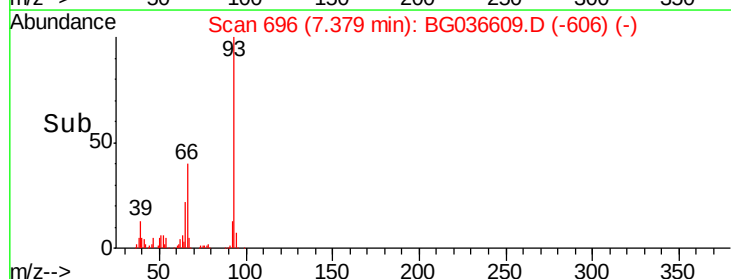
65 21.7 17.6 26.4

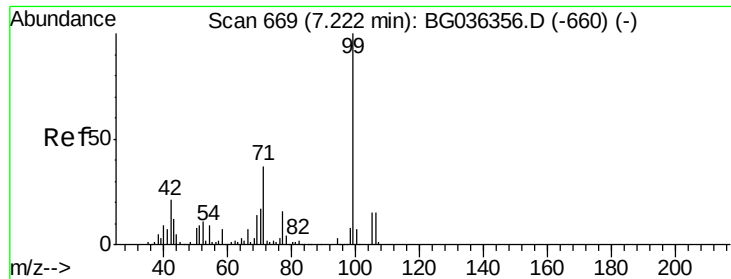


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.077 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

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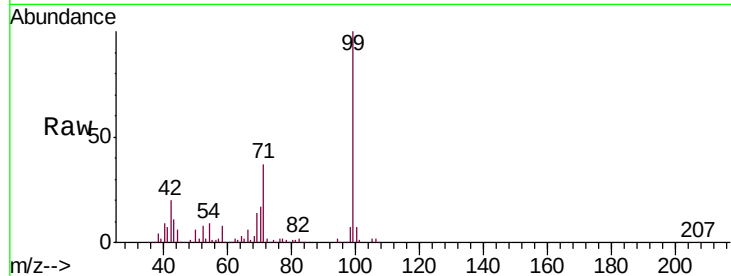
Tgt Ion: 99 Resp: 601329

Ion Ratio Lower Upper

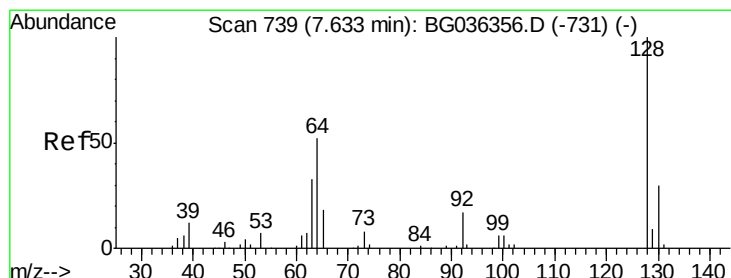
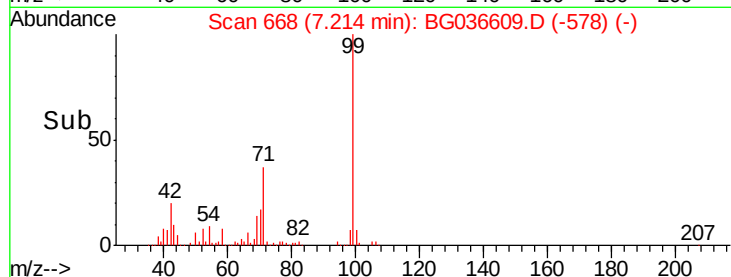
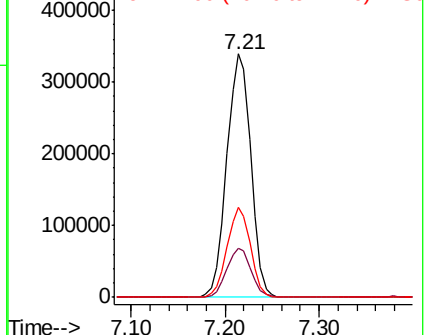
99 100

42 20.2 16.5 24.7

71 36.8 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: 42.962 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG036609.D

Acq: 7 Sep 2018 22:52

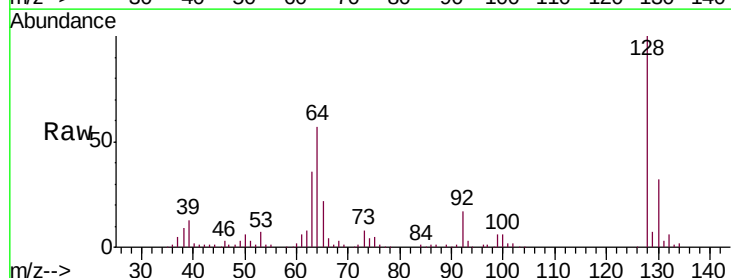
Tgt Ion: 128 Resp: 167134

Ion Ratio Lower Upper

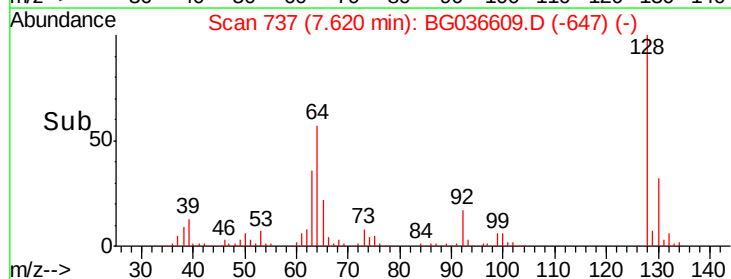
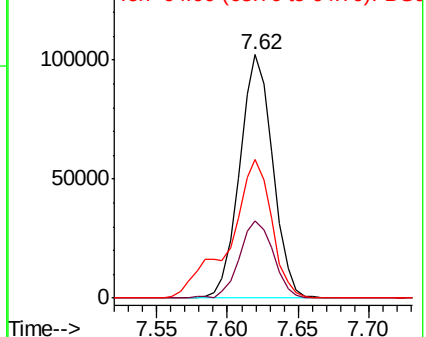
128 100

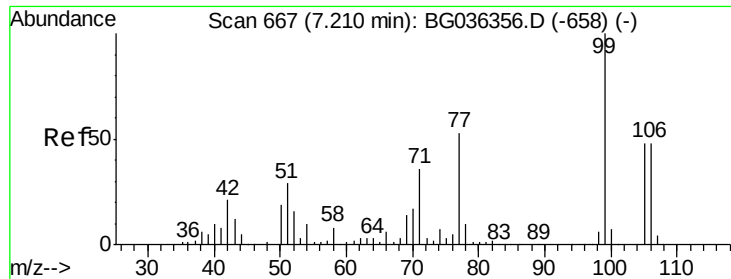
130 31.9 10.0 50.0

64 56.8 36.0 76.0



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





#9

Benzaldehyde

Concen: 28.381 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

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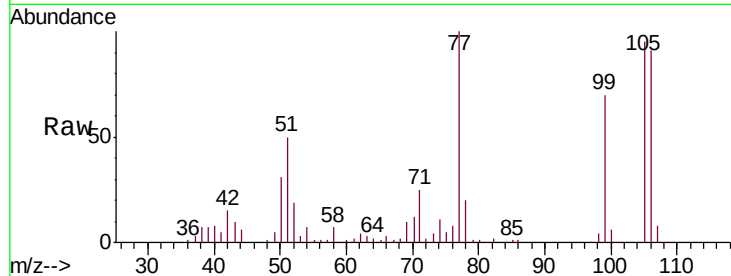
Tgt Ion: 77 Resp: 100383

Ion Ratio Lower Upper

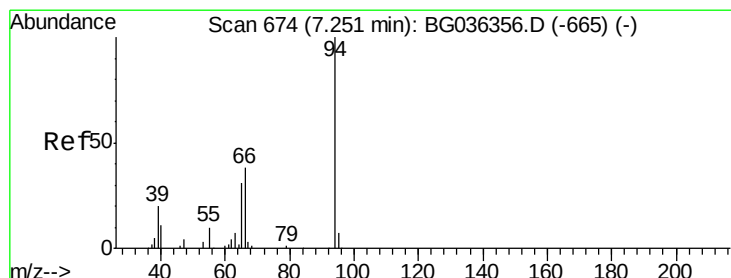
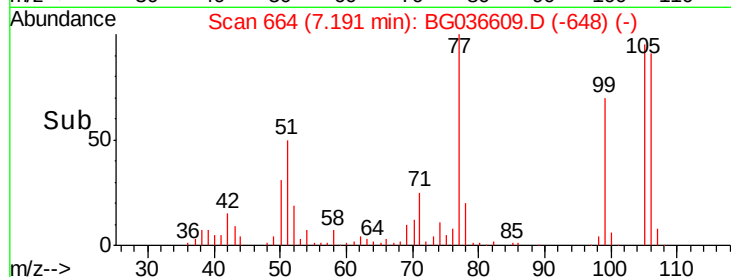
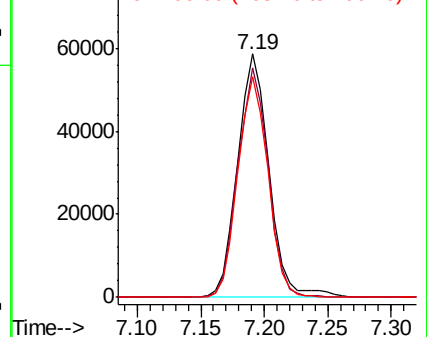
77 100

105 94.5 70.5 110.5

106 90.8 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: 44.076 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

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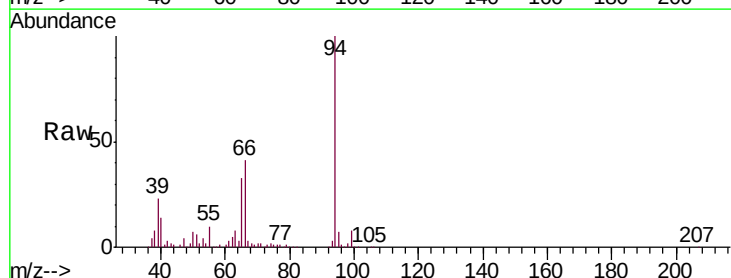
Tgt Ion: 94 Resp: 236905

Ion Ratio Lower Upper

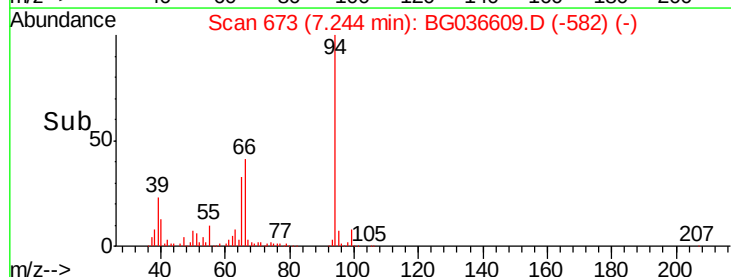
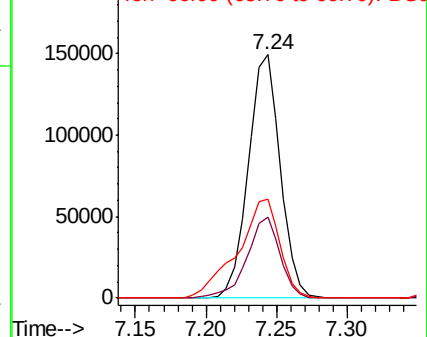
94 100

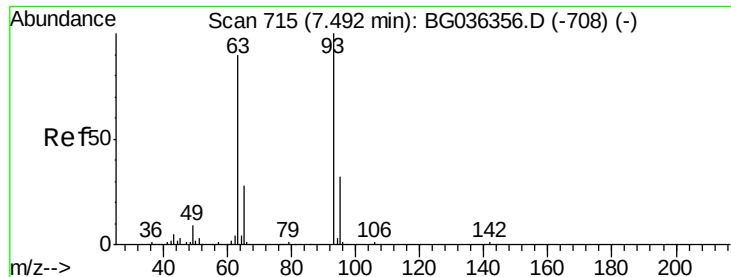
65 33.4 11.5 51.5

66 40.5 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: 37.309 ng

RT: 7.47 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG036609.D

Acq: 7 Sep 2018 22:52

Instrument :

BNA_G

ClientSampleId :

PB112689BS

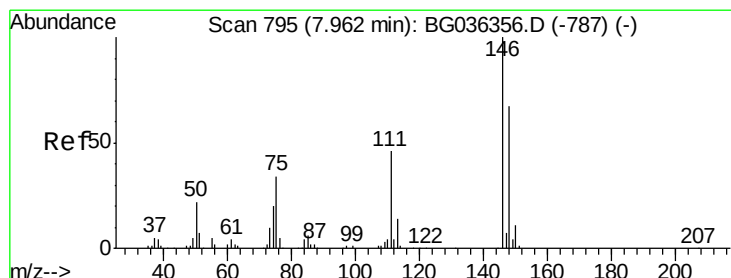
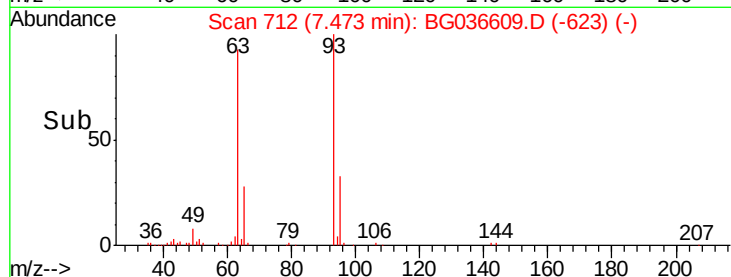
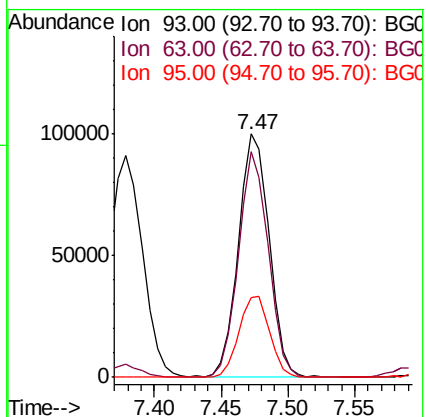
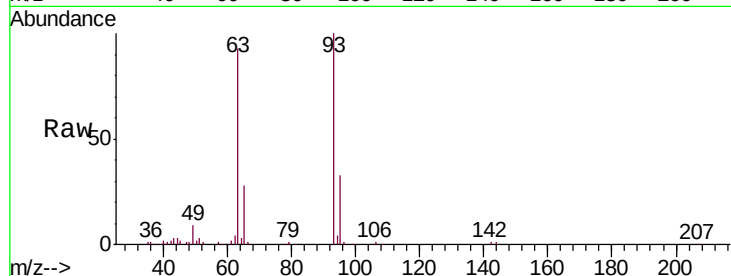
Tgt Ion: 93 Resp: 158981

Ion Ratio Lower Upper

93 100

63 92.7 69.9 109.9

95 32.8 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 37.009 ng

RT: 7.94 min Scan# 792

Delta R.T. -0.01 min

Lab File: BG036609.D

Acq: 7 Sep 2018 22:52

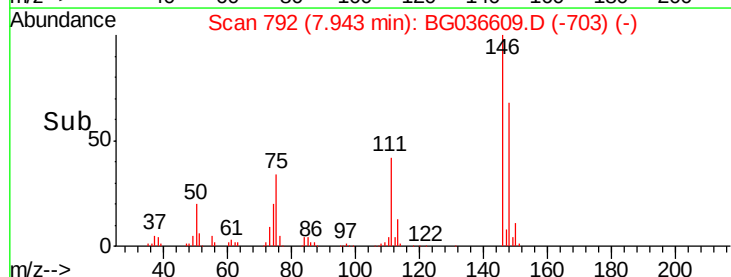
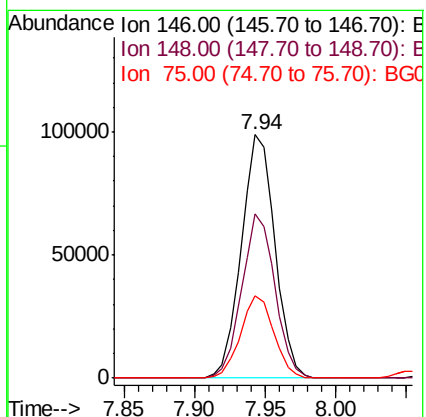
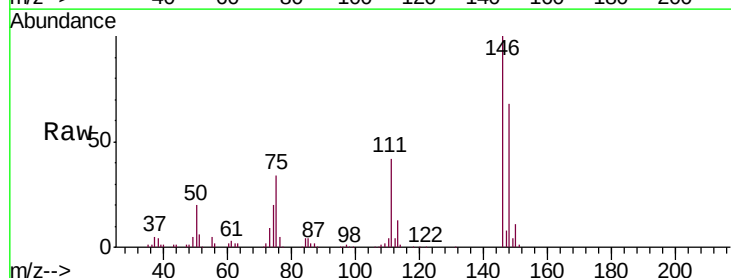
Tgt Ion: 146 Resp: 164399

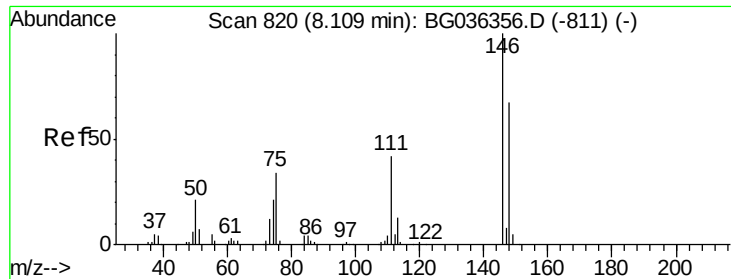
Ion Ratio Lower Upper

146 100

148 67.5 53.8 80.6

75 33.8 27.2 40.8

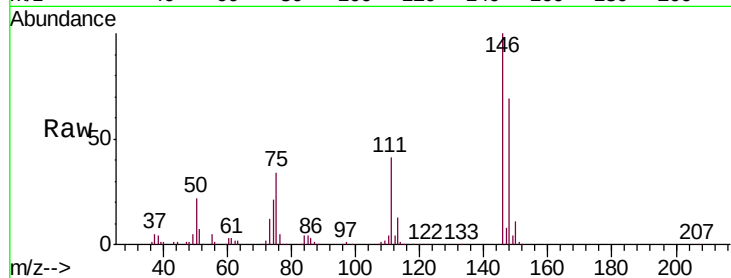




#13
 1,4-Dichlorobenzene
 Concen: 37.980 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG036609.D
 Acq: 7 Sep 2018 22:52

Instrument :
 BNA_G
 ClientSampleId :
 PB112689BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.0	53.9	80.9
111	41.0	33.8	50.6

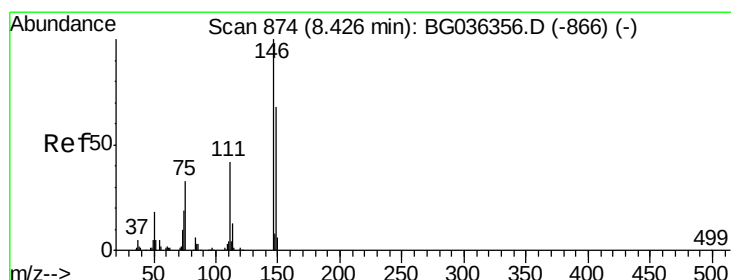
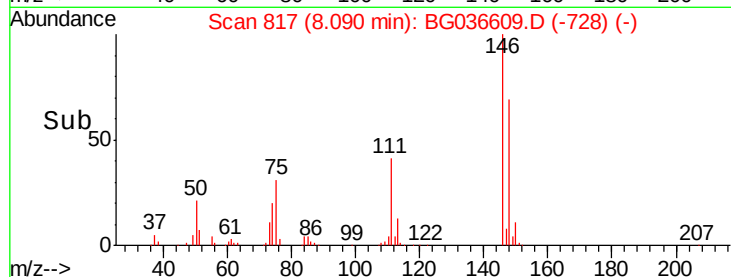
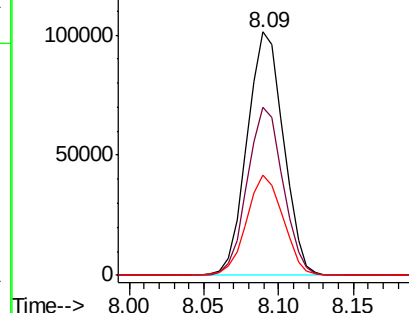


Abundance

Ion 146.00 (145.70 to 146.70): E

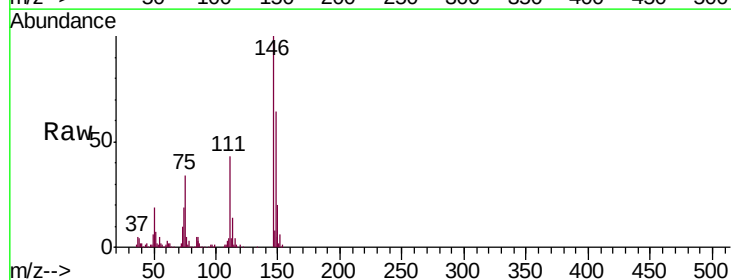
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.208 ng
 RT: 8.41 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG036609.D
 Acq: 7 Sep 2018 22:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	55.0	82.6
111	43.0	34.6	51.8

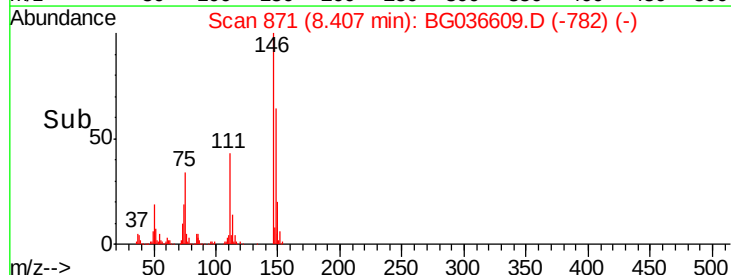
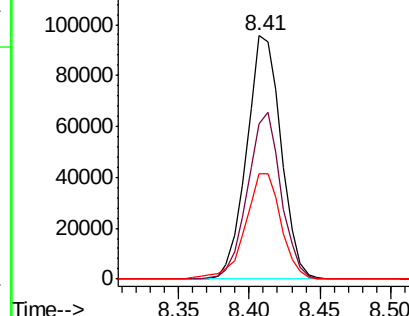


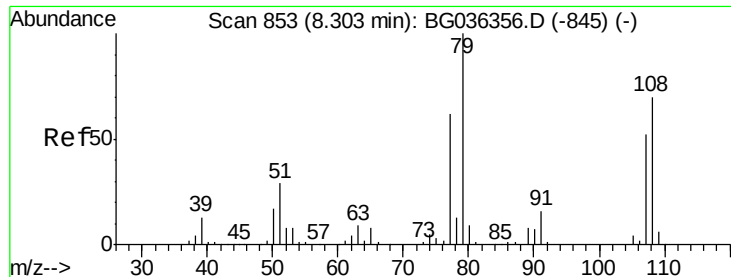
Abundance

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

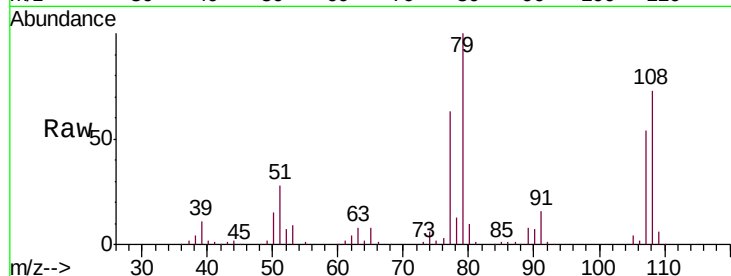




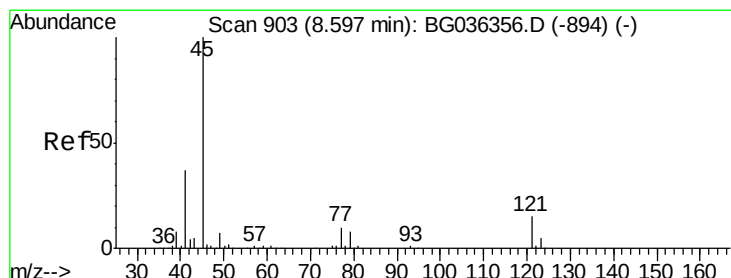
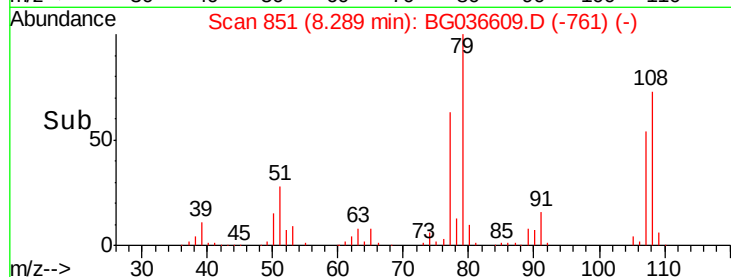
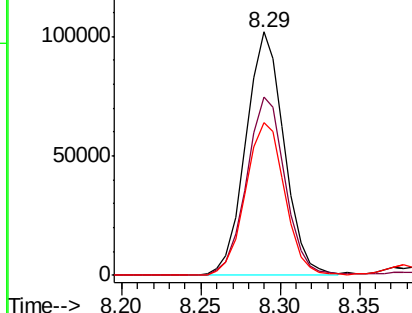
#15
Benzyl Alcohol
Concen: 41.068 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.00 min
Lab File: BG036609.D
Acq: 7 Sep 2018 22:52

Instrument :
BNA_G
ClientSampleId :
PB112689BS

Tgt Ion: 79 Resp: 170044
Ion Ratio Lower Upper
79 100
108 73.1 55.9 83.9
77 62.7 50.0 75.0

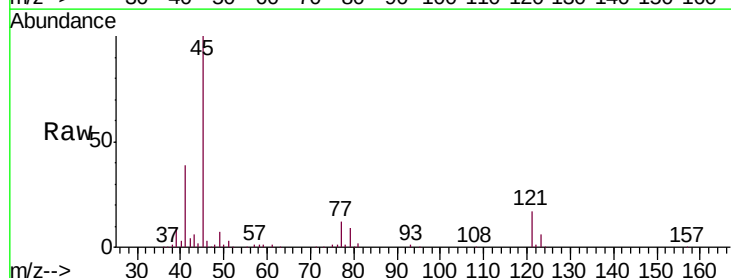


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

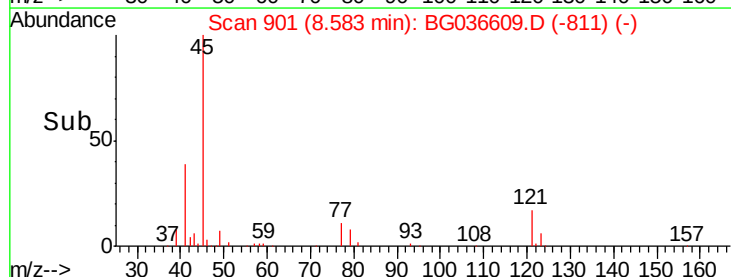
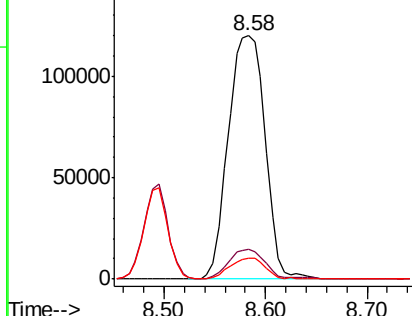


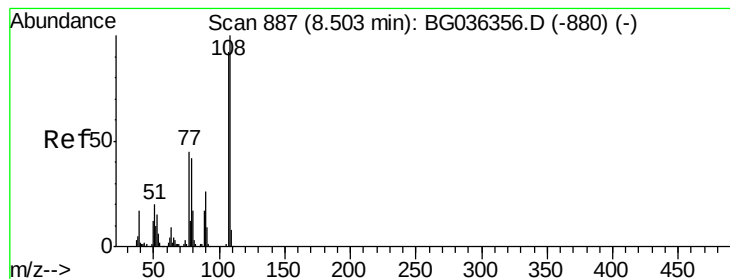
#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.139 ng
RT: 8.58 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG036609.D
Acq: 7 Sep 2018 22:52

Tgt Ion: 45 Resp: 301965
Ion Ratio Lower Upper
45 100
77 12.0 0.0 30.5
79 8.7 0.0 27.9



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

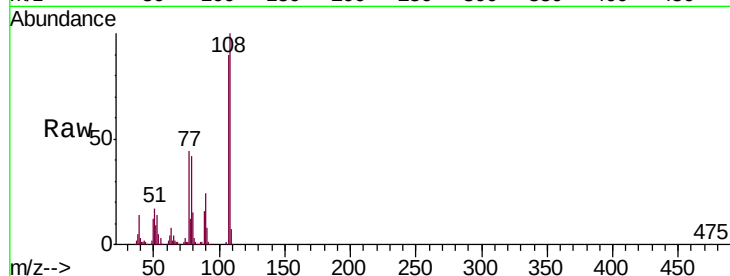




#17
2-Methylphenol
Concen: 45.173 ng
RT: 8.50 min Scan# 886
Delta R.T. -0.00 min
Lab File: BG036609.D
Acq: 7 Sep 2018 22:52

Instrument :
BNA_G
ClientSampleId :
PB112689BS

Tgt Ion:	107	Resp:	161222
Ion	Ratio	Lower	Upper
107	100		
108	111.4	86.7	130.1
77	49.0	39.0	58.4
79	47.1	36.6	54.8



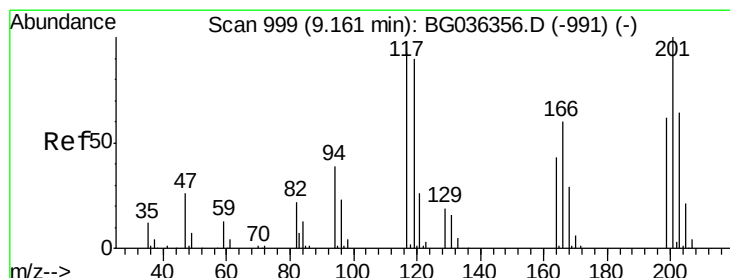
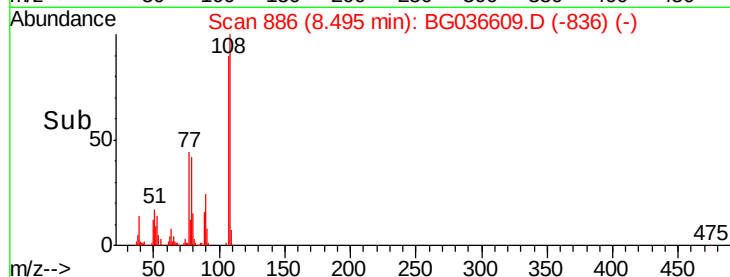
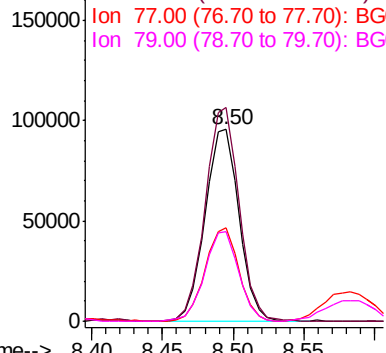
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

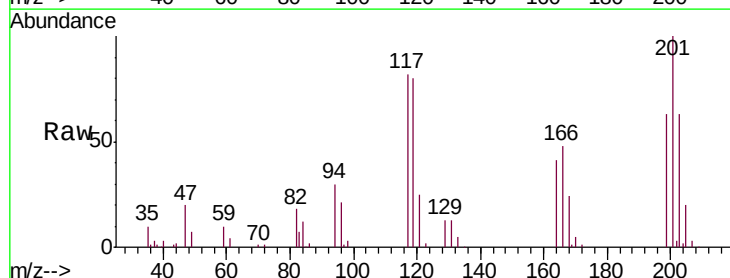
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.783 ng
RT: 9.14 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG036609.D
Acq: 7 Sep 2018 22:52

Tgt Ion:	117	Resp:	62362
Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.8	115.2
201	121.8	85.7	128.5

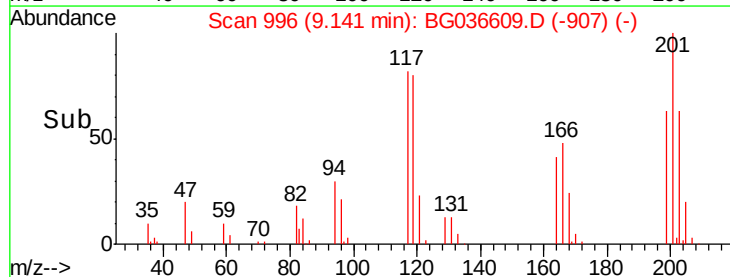
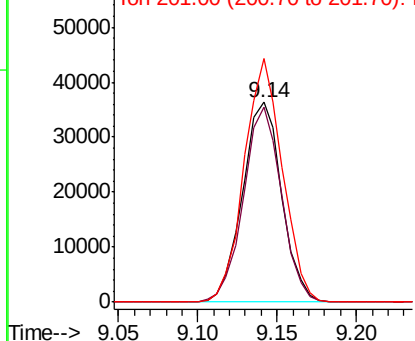


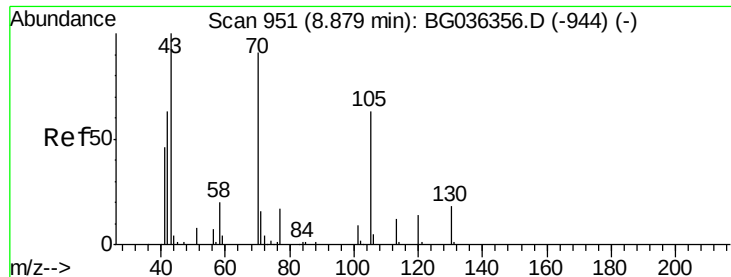
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

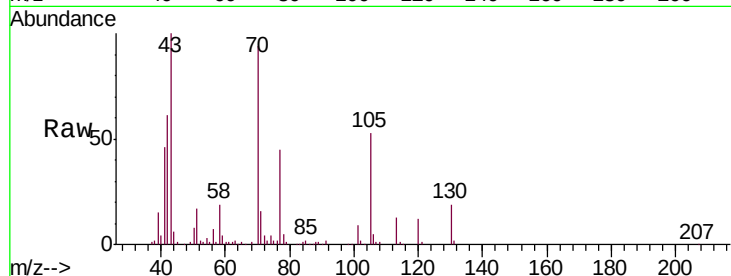




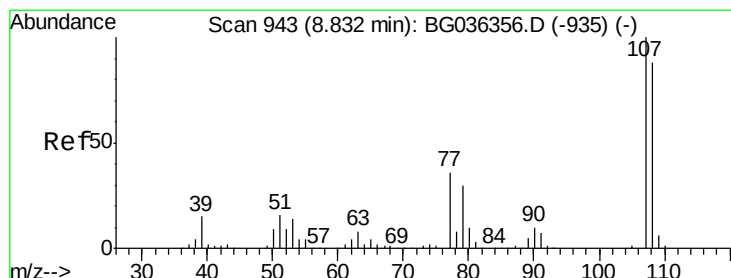
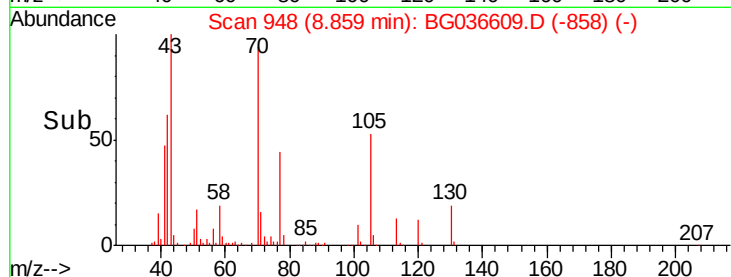
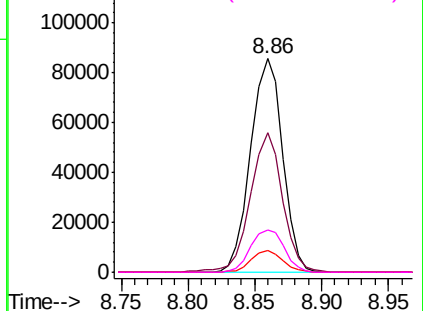
#19
n-Nitroso-di-n-propylamine
Concen: 36.931 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG036609.D
Acq: 7 Sep 2018 22:52

Instrument :
BNA_G
ClientSampleId :
PB112689BS

Tgt Ion:	70	Resp:	141763
Ion	Ratio	Lower	Upper
70	100		
42	65.4	56.2	84.4
101	10.1	7.8	11.6
130	20.0	16.2	24.2

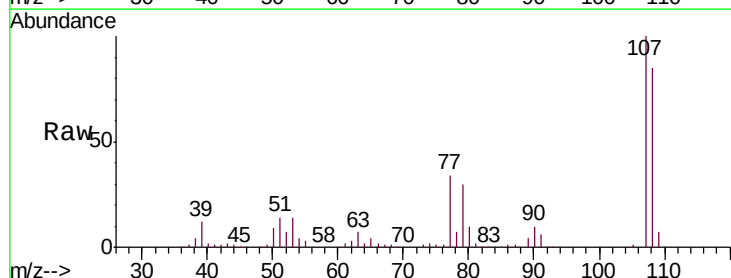


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

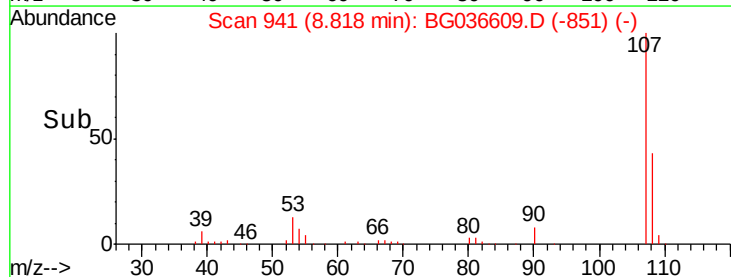
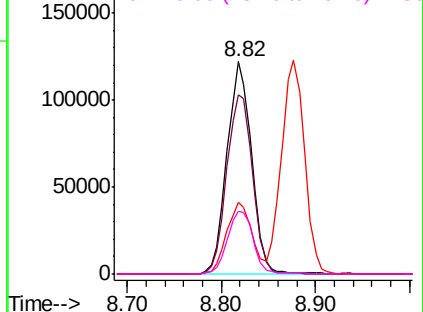


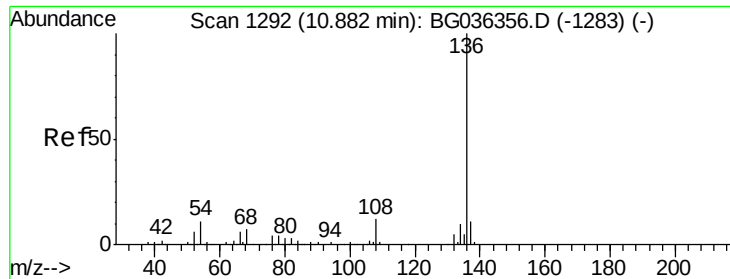
#20
3+4-Methylphenols
Concen: 44.443 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.00 min
Lab File: BG036609.D
Acq: 7 Sep 2018 22:52

Tgt Ion:	107	Resp:	221450
Ion	Ratio	Lower	Upper
107	100		
108	84.7	68.0	108.0
77	33.8	15.6	55.6
79	29.6	9.9	49.9



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

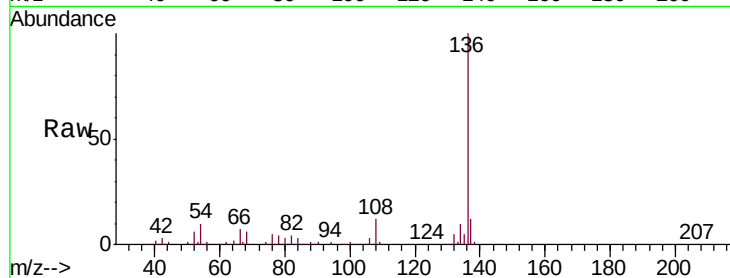




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036609.D
Acq: 7 Sep 2018 22:52

Instrument :
BNA_G
ClientSampleId :
PB112689BS

Tgt Ion:	136	Resp:	249069
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.8	13.2
54	10.1	9.2	13.8
68	6.4	5.8	8.6



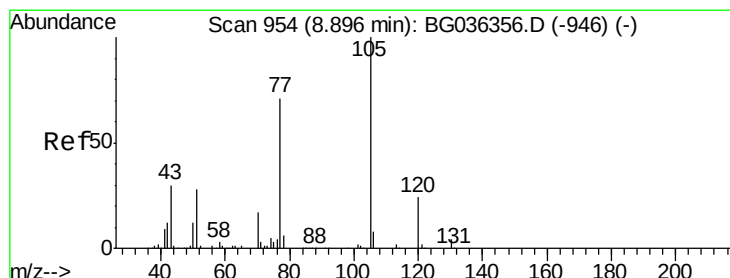
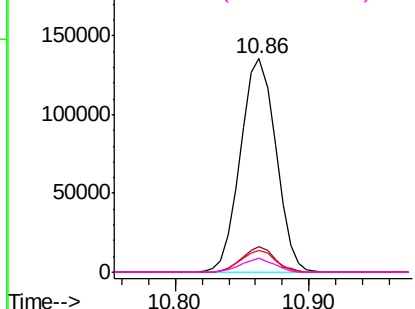
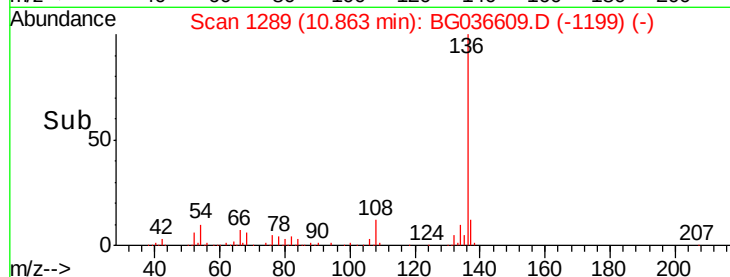
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

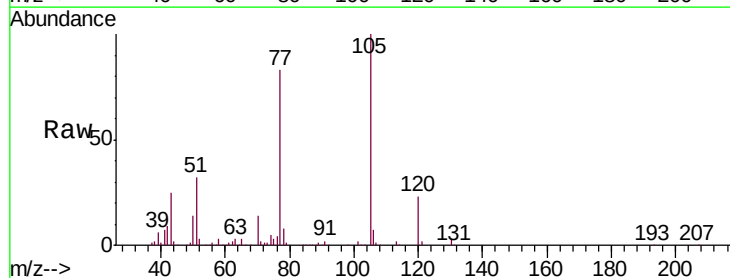
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.414 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG036609.D
Acq: 7 Sep 2018 22:52

Tgt Ion:	105	Resp:	257787
Ion	Ratio	Lower	Upper
105	100		
71	2.2	2.4	3.6#
51	31.8	25.9	38.9
120	23.2	19.4	29.0



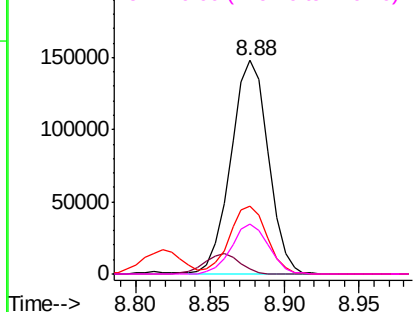
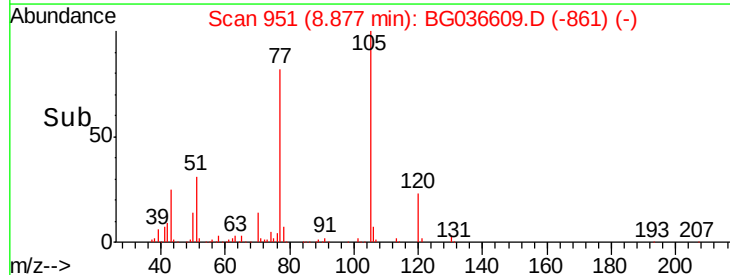
Abundance

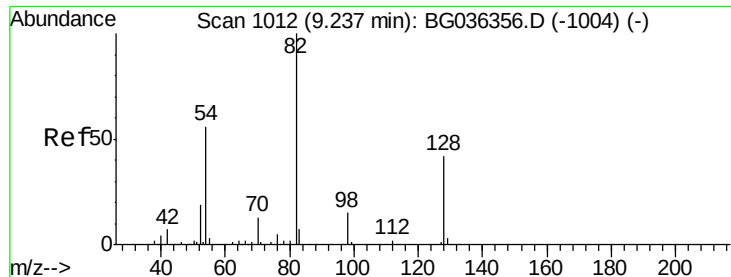
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

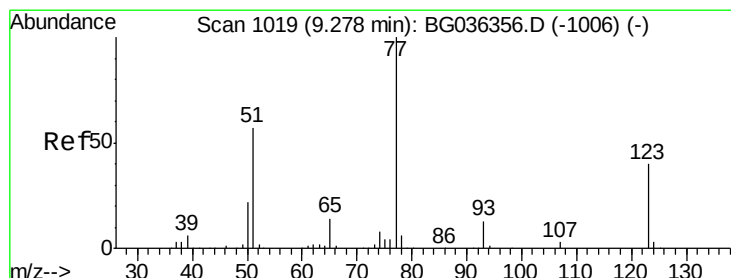
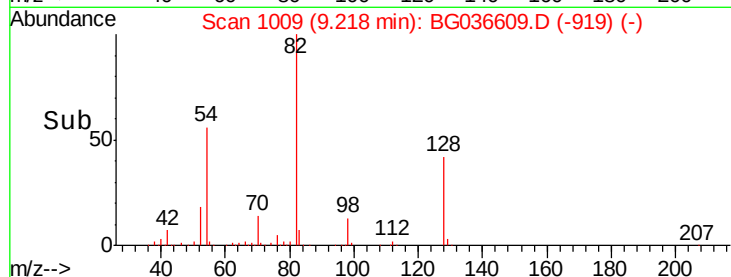
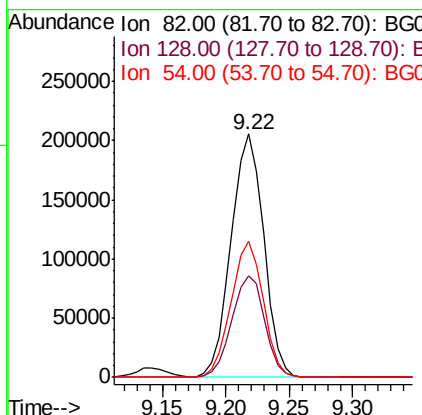
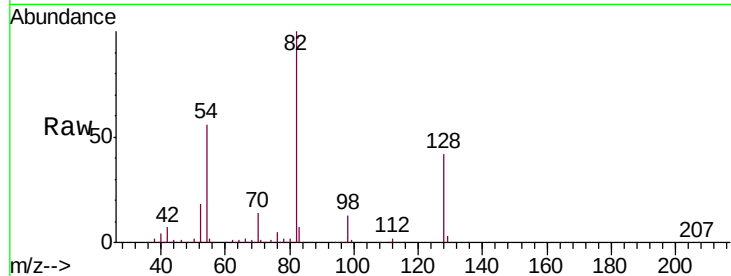




#23
 Nitrobenzene-d5
 Concen: 79.872 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG036609.D
 Acq: 7 Sep 2018 22:52

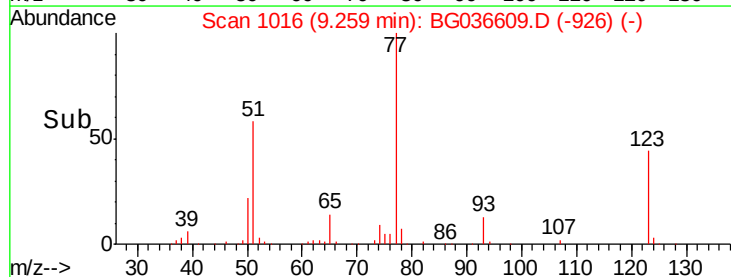
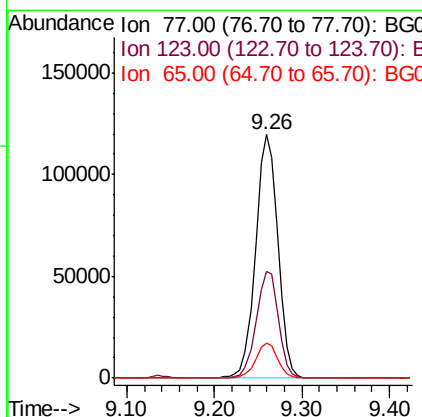
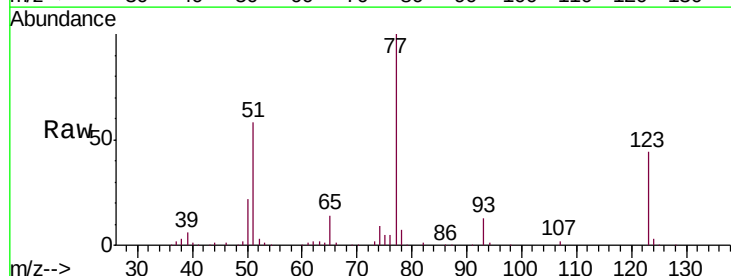
Instrument :
 BNA_G
 ClientSampleId :
 PB112689BS

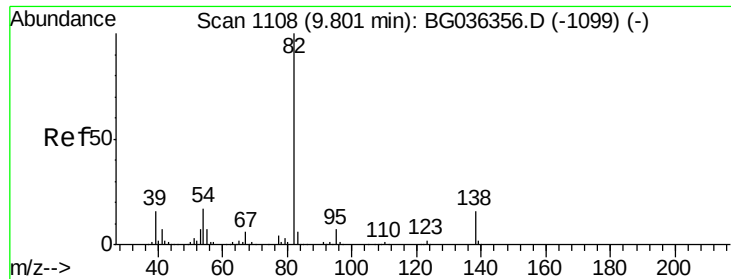
Tgt Ion: 82 Resp: 366657
 Ion Ratio Lower Upper
 82 100
 128 41.6 33.3 49.9
 54 55.7 45.1 67.7



#24
 Nitrobenzene
 Concen: 42.513 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG036609.D
 Acq: 7 Sep 2018 22:52

Tgt Ion: 77 Resp: 210445
 Ion Ratio Lower Upper
 77 100
 123 43.6 32.4 48.6
 65 14.4 11.5 17.3





#25

Isophorone

Concen: 43.304 ng

RT: 9.78 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BG036609.D

Acq: 7 Sep 2018 22:52

Instrument :

BNA_G

ClientSampleId :

PB112689BS

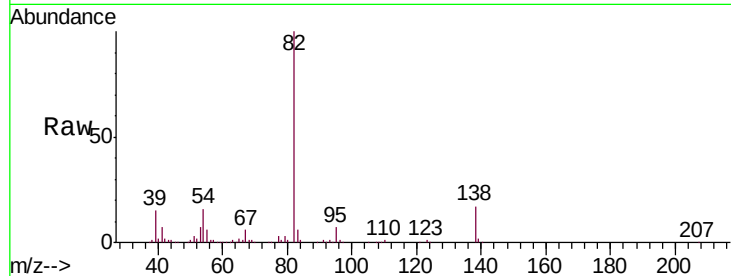
Tgt Ion: 82 Resp: 394902

Ion Ratio Lower Upper

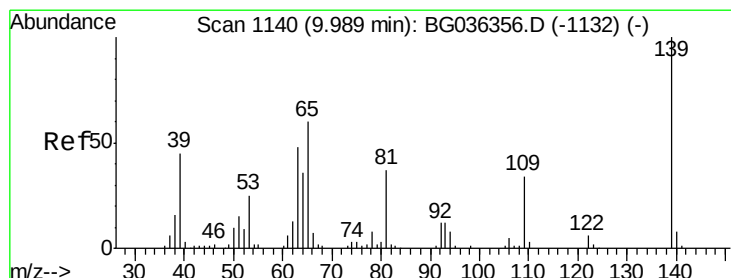
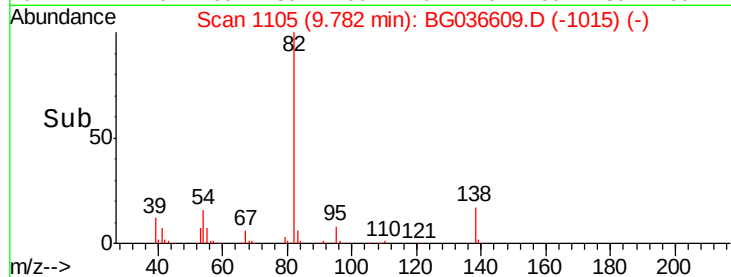
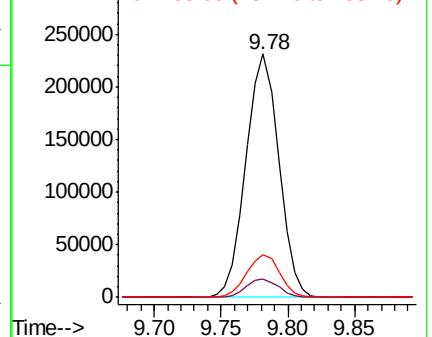
82 100

95 7.5 5.8 8.8

138 17.4 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: 48.378 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG036609.D

Acq: 7 Sep 2018 22:52

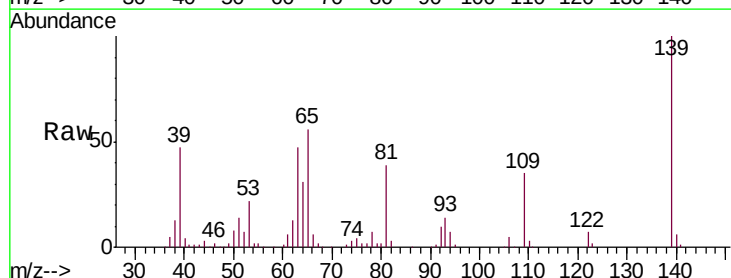
Tgt Ion: 139 Resp: 94898

Ion Ratio Lower Upper

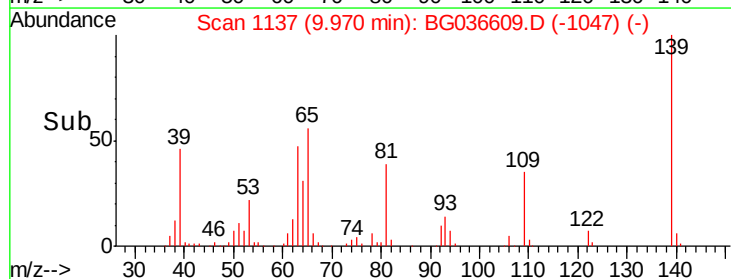
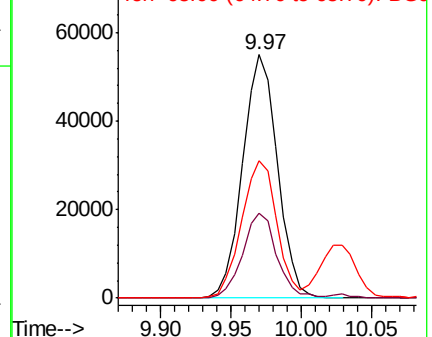
139 100

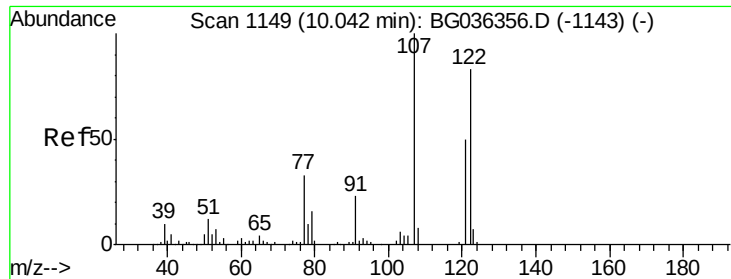
109 35.1 27.4 41.0

65 56.3 47.8 71.6



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

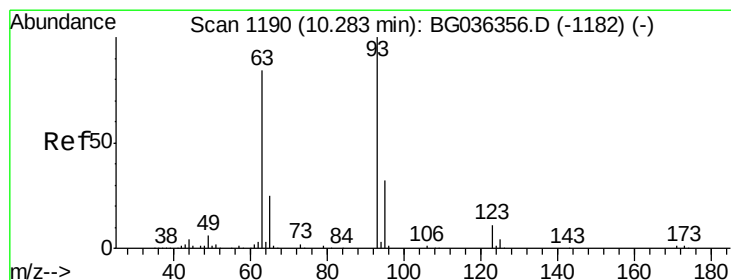
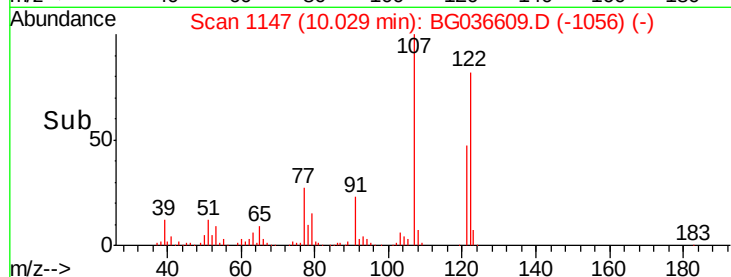
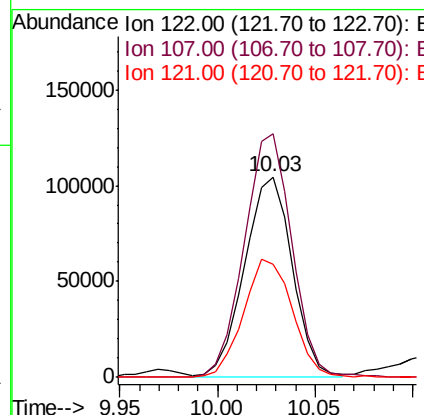
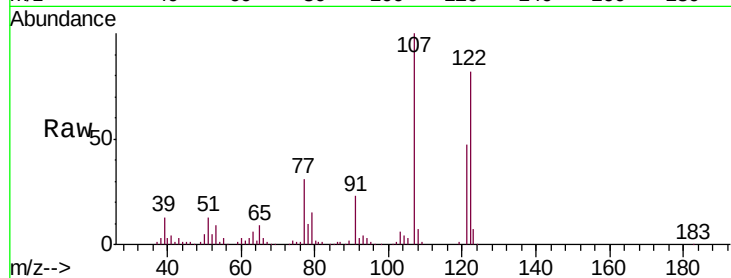




#27
 2,4-Dimethylphenol
 Concen: 48.605 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BG036609.D
 Acq: 7 Sep 2018 22:52

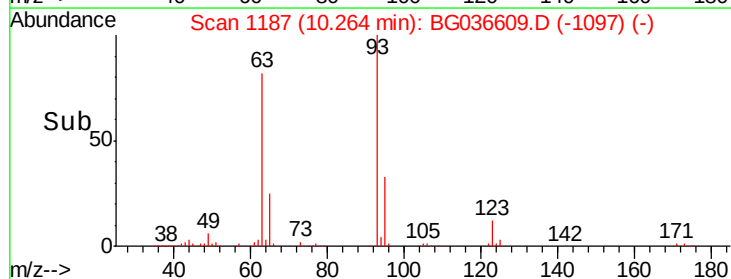
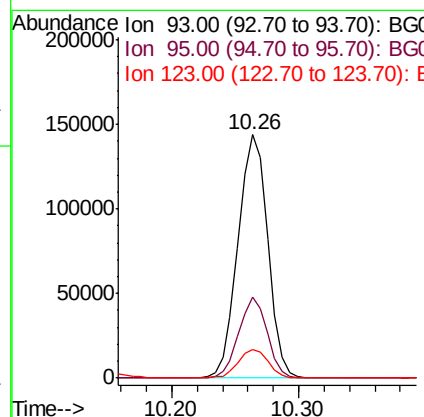
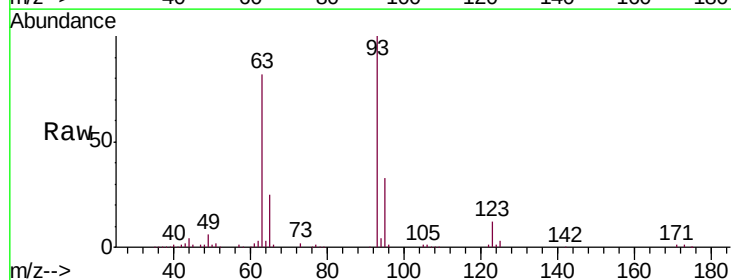
Instrument :
 BNA_G
 ClientSampleId :
 PB112689BS

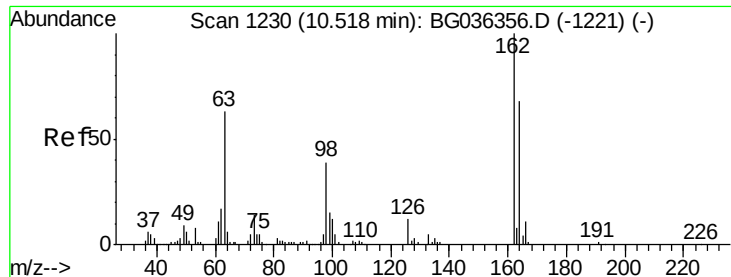
Tgt Ion:122 Resp: 176516
 Ion Ratio Lower Upper
 122 100
 107 121.4 96.0 144.0
 121 56.7 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.571 ng
 RT: 10.26 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BG036609.D
 Acq: 7 Sep 2018 22:52

Tgt Ion: 93 Resp: 232667
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.2 37.8
 123 11.7 8.6 12.8

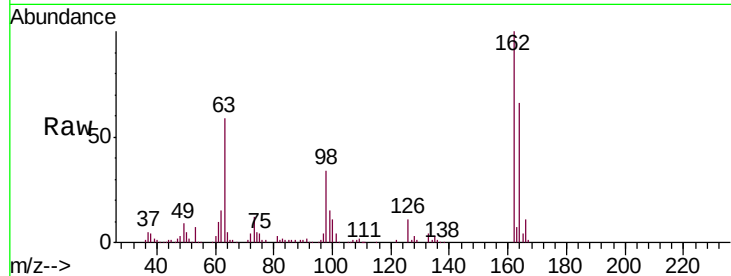




#29
2,4-Dichlorophenol
Concen: 47.815 ng
RT: 10.50 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BG036609.D
Acq: 7 Sep 2018 22:52

Instrument :
BNA_G
ClientSampleId :
PB112689BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.2	47.6	87.6
98	33.6	19.2	59.2

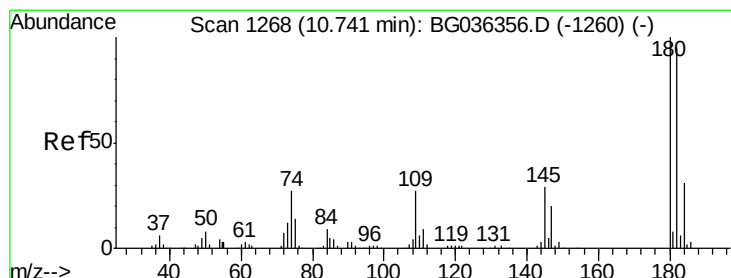
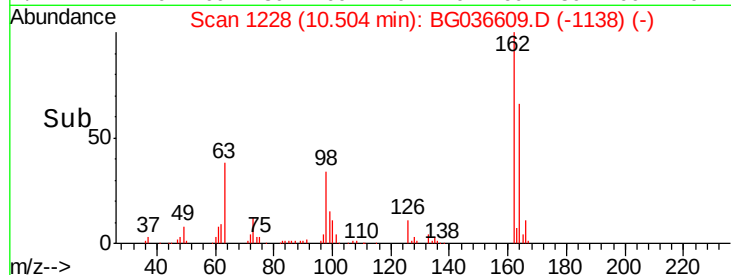
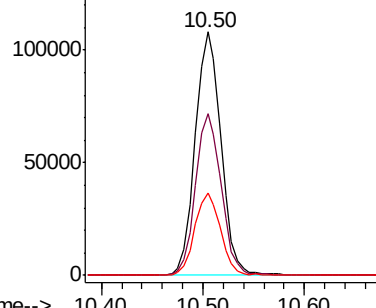


Abundance

Ion 162.00 (161.70 to 162.70): E

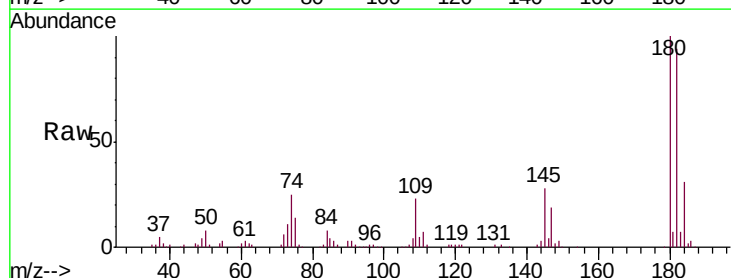
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 40.298 ng
RT: 10.72 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG036609.D
Acq: 7 Sep 2018 22:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.0	114.0
145	28.3	22.9	34.3

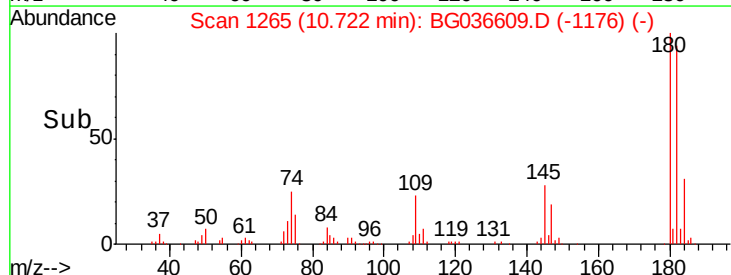
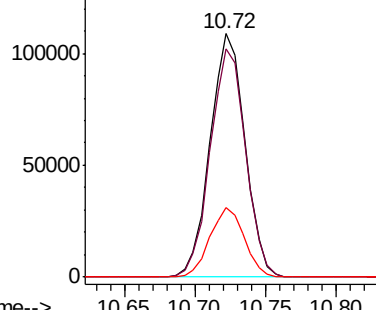


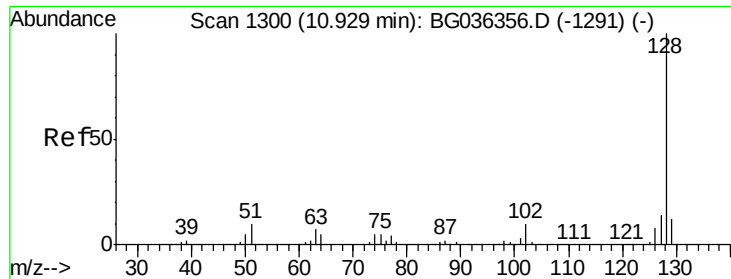
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

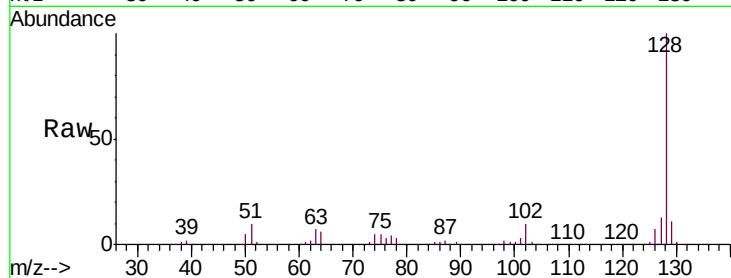




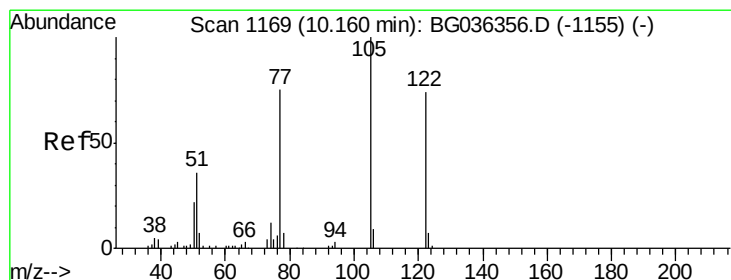
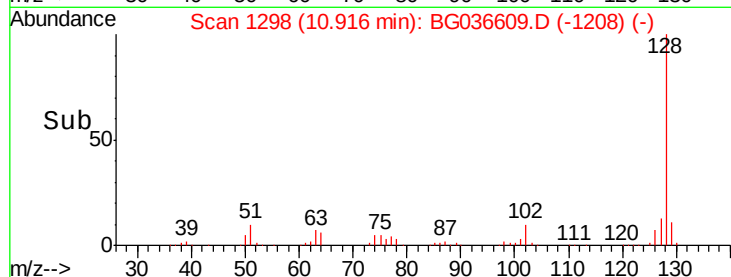
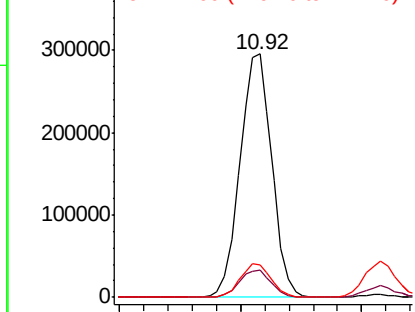
#31
Naphthalene
Concen: 43.418 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG036609.D
Acq: 7 Sep 2018 22:52

Instrument :
BNA_G
ClientSampleId :
PB112689BS

Tgt Ion:128 Resp: 540581
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.4 11.0 16.4

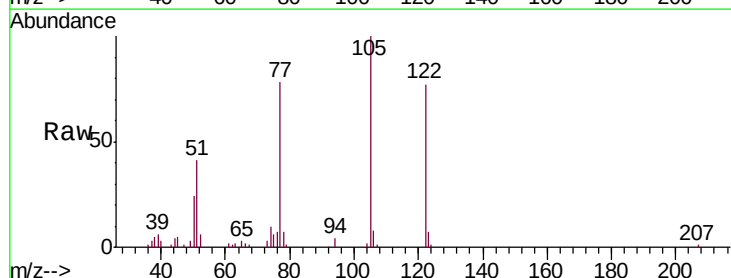


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

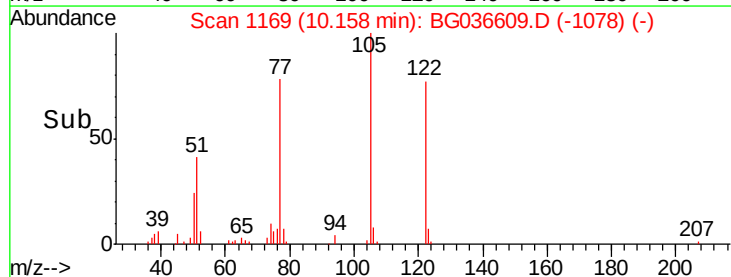
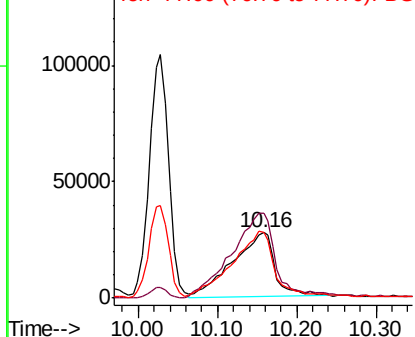


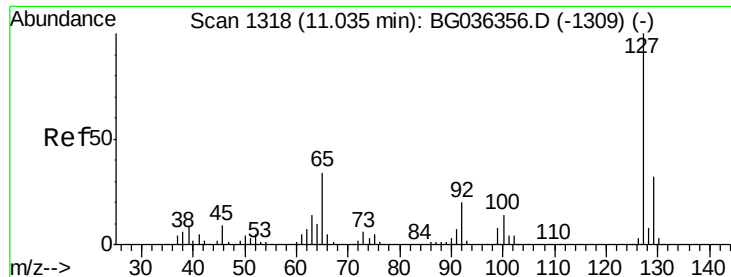
#32
Benzoic acid
Concen: 38.665 ng
RT: 10.16 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BG036609.D
Acq: 7 Sep 2018 22:52

Tgt Ion:122 Resp: 101517
Ion Ratio Lower Upper
122 100
105 130.2 108.1 148.1
77 101.1 76.3 116.3



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

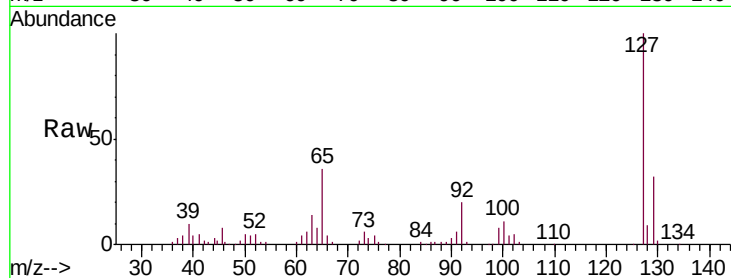




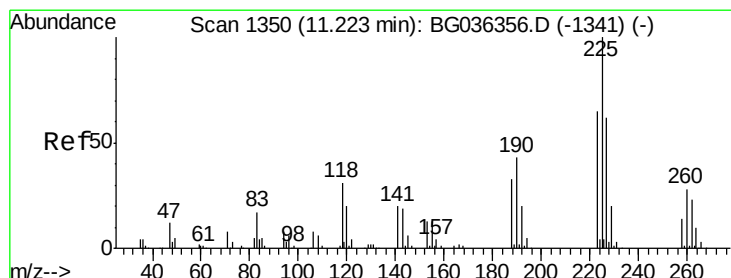
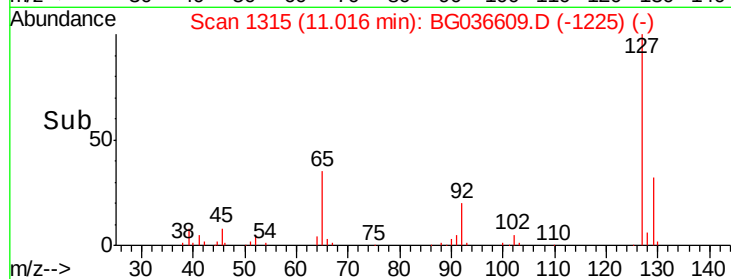
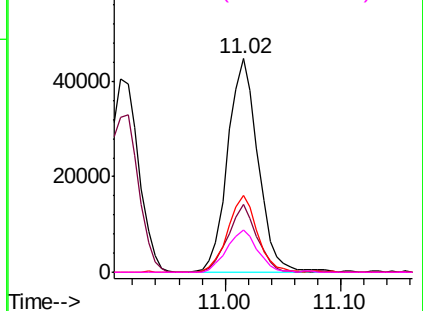
#33
4-Chloroaniline
Concen: 14.360 ng
RT: 11.02 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG036609.D
Acq: 7 Sep 2018 22:52

Instrument :
BNA_G
ClientSampleId :
PB112689BS

Tgt Ion:	127	Resp:	81931
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	35.9	27.5	41.3
92	19.8	16.2	24.2

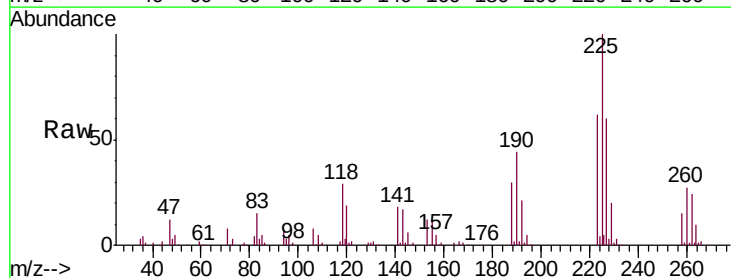


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

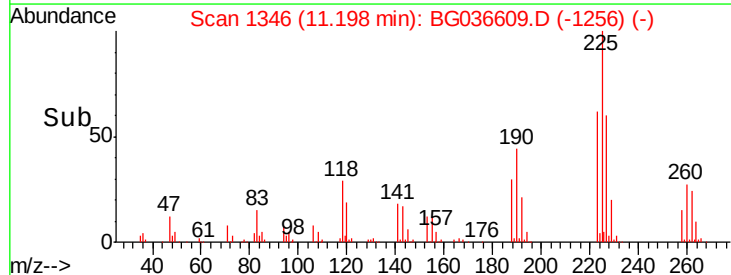
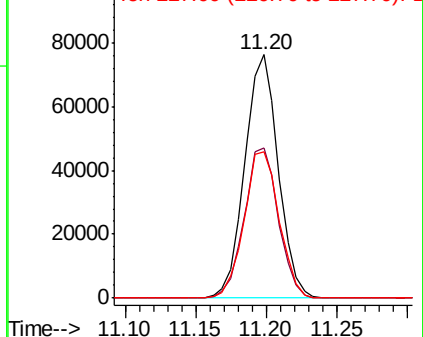


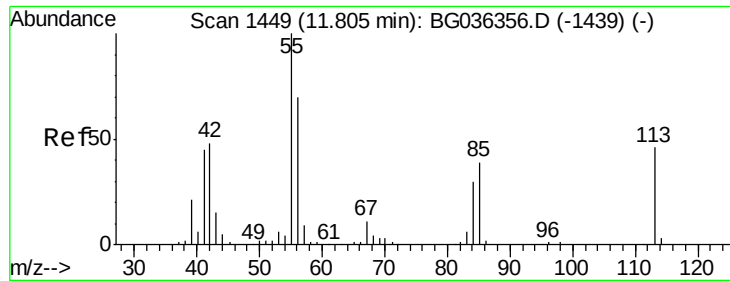
#34
Hexachlorobutadiene
Concen: 40.446 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG036609.D
Acq: 7 Sep 2018 22:52

Tgt Ion:	225	Resp:	126528
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.8	77.8
227	60.2	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

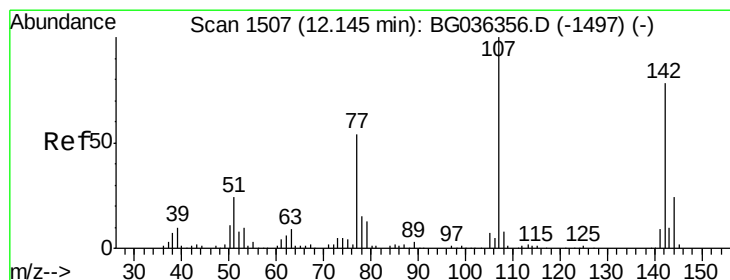
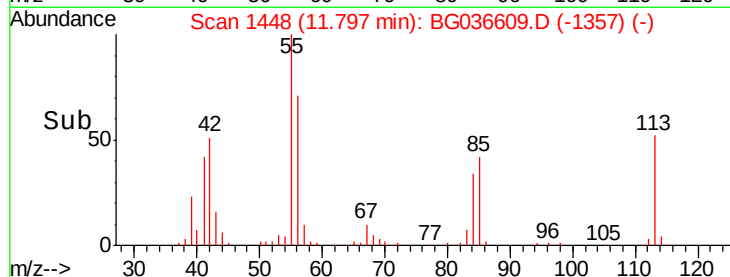
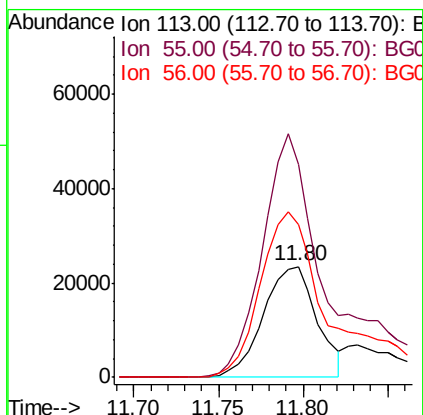
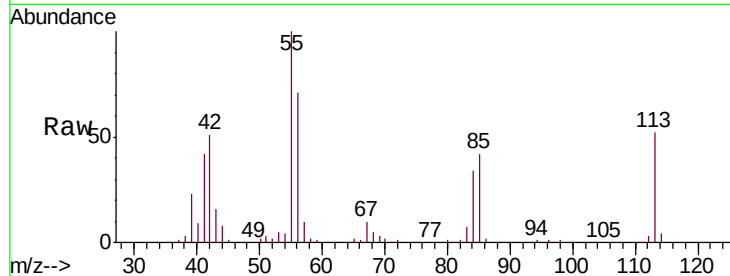




#35
 Caprolactam
 Concen: 32.756 ng
 RT: 11.80 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BG036609.D
 Acq: 7 Sep 2018 22:52

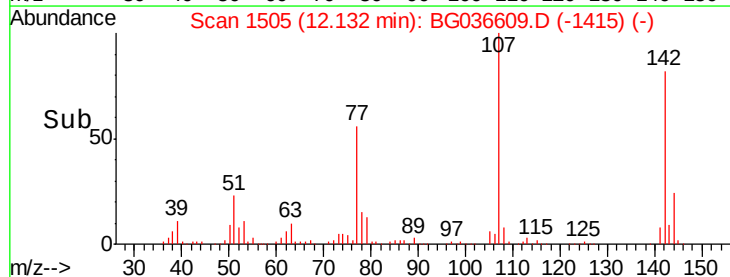
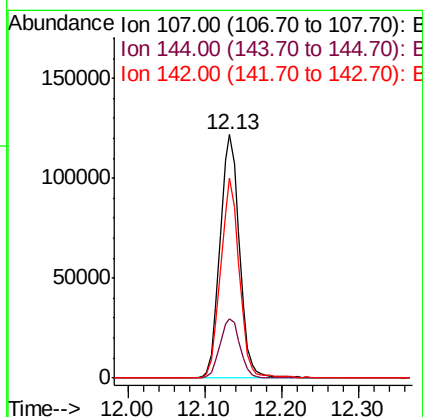
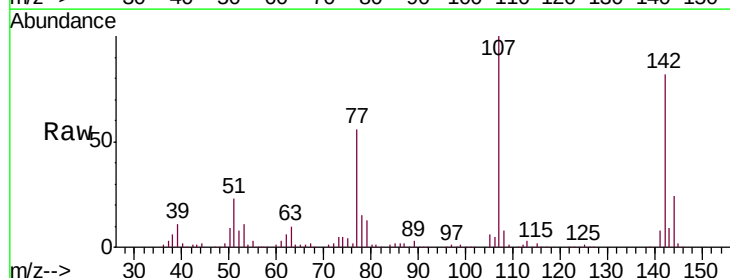
Instrument :
 BNA_G
 ClientSampleId :
 PB112689BS

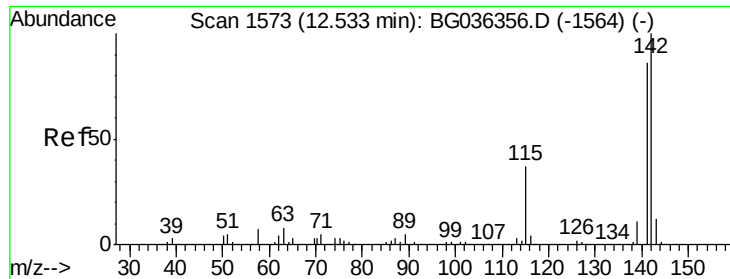
Tgt Ion:113 Resp: 51935
 Ion Ratio Lower Upper
 113 100
 55 192.9 197.7 237.7#
 56 137.7 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.289 ng
 RT: 12.13 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BG036609.D
 Acq: 7 Sep 2018 22:52

Tgt Ion:107 Resp: 214073
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.5 29.3
 142 82.0 62.4 93.6

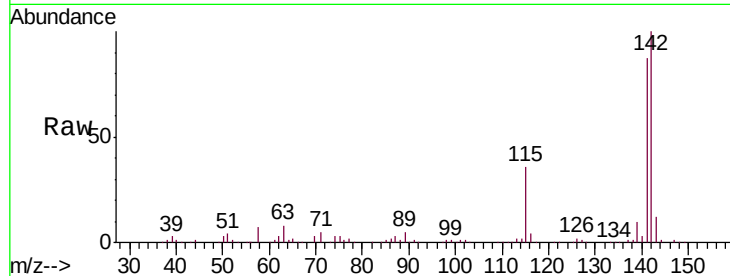




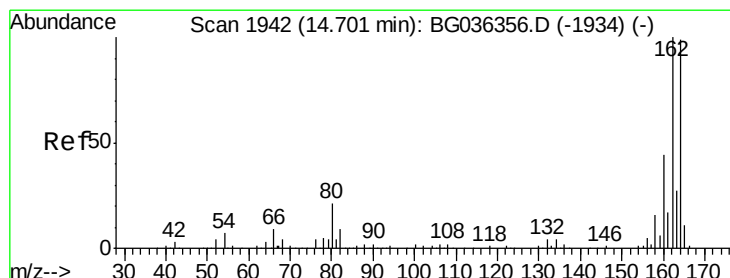
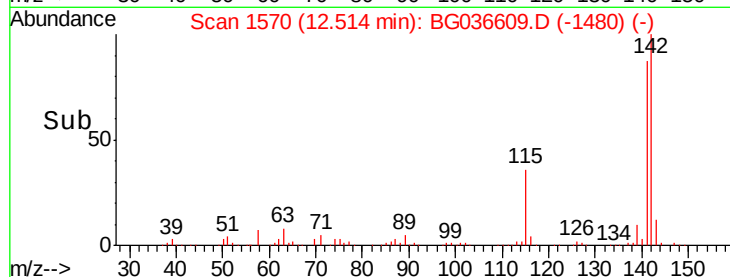
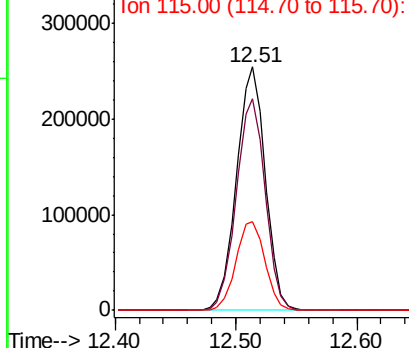
#37
2-Methylnaphthalene
Concen: 46.381 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BG036609.D
Acq: 7 Sep 2018 22:52

Instrument :
BNA_G
ClientSampleId :
PB112689BS

Tgt Ion:142 Resp: 422538
Ion Ratio Lower Upper
142 100
141 87.1 68.5 102.7
115 36.5 29.8 44.8

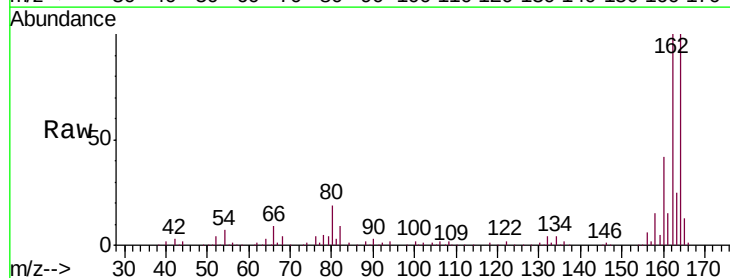


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

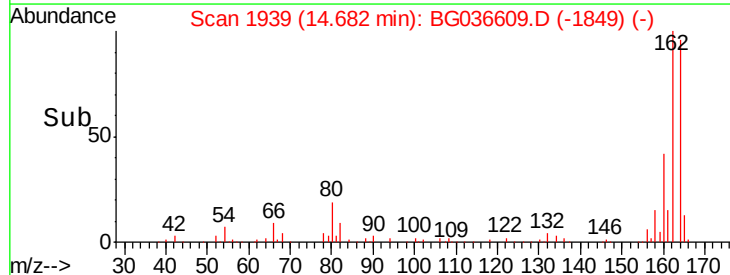
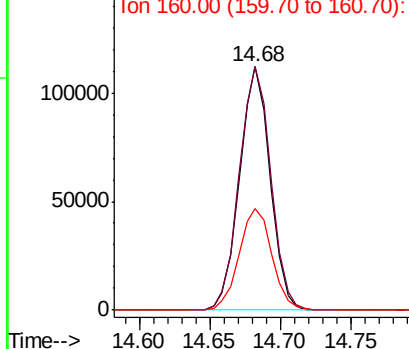


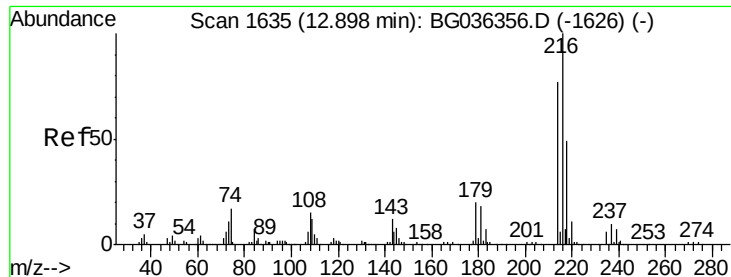
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036609.D
Acq: 7 Sep 2018 22:52

Tgt Ion:164 Resp: 169169
Ion Ratio Lower Upper
164 100
162 99.9 80.7 121.1
160 41.8 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.770 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG036609.D

Acq: 7 Sep 2018 22:52

Instrument :

BNA_G

ClientSampleId :

PB112689BS

Tgt Ion:216 Resp: 244077

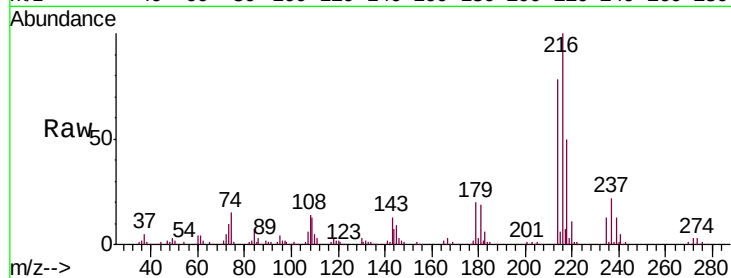
Ion Ratio Lower Upper

216 100

214 77.0 61.0 91.6

179 19.0 15.7 23.5

108 17.5 13.1 19.7

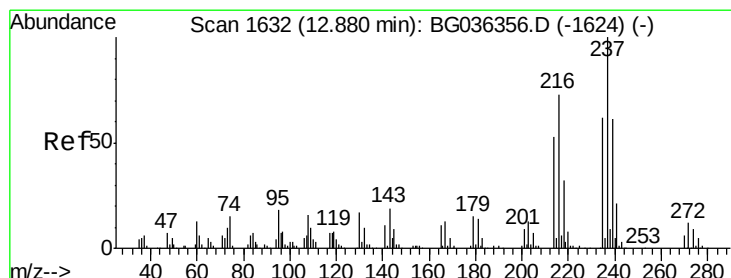
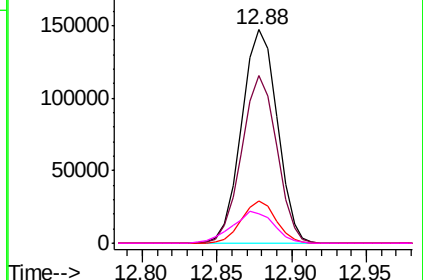
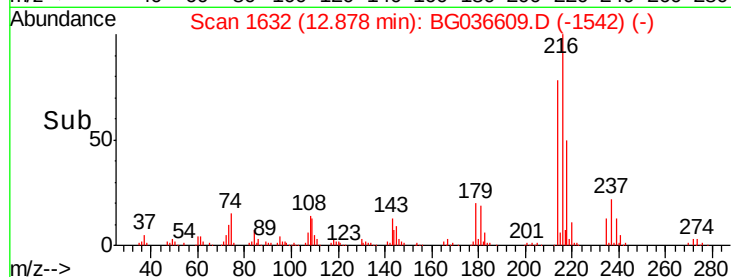


Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.599 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BG036609.D

Acq: 7 Sep 2018 22:52

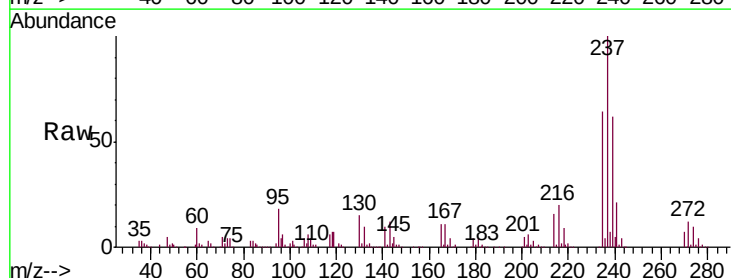
Tgt Ion:237 Resp: 300893

Ion Ratio Lower Upper

237 100

235 64.0 42.2 82.2

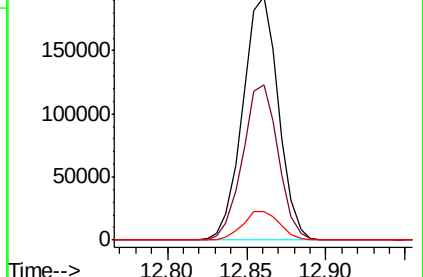
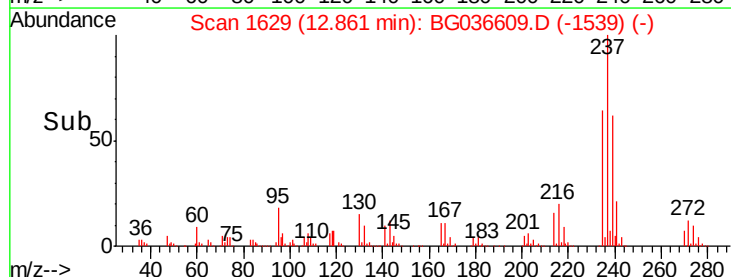
272 12.0 0.0 32.1

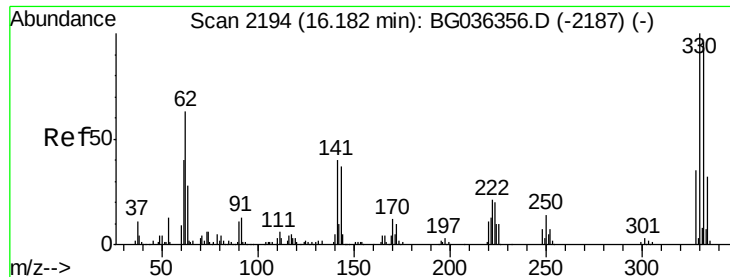


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

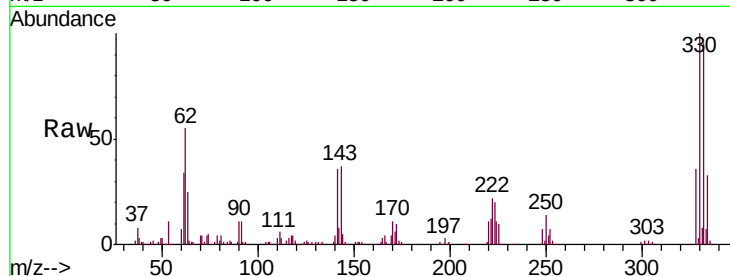




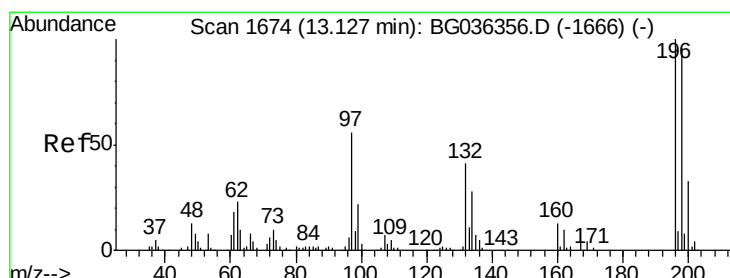
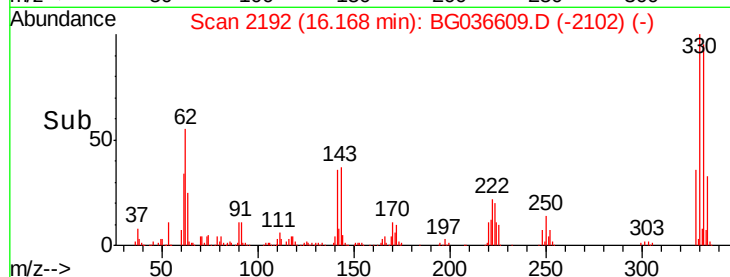
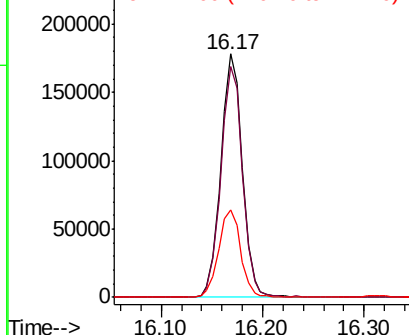
#41
 2,4,6-Tribromophenol
 Concen: 129.983 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036609.D
 Acq: 7 Sep 2018 22:52

Instrument :
 BNA_G
 ClientSampleId :
 PB112689BS

Tgt Ion:330 Resp: 262379
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.4 113.2
 141 36.7 30.7 46.1

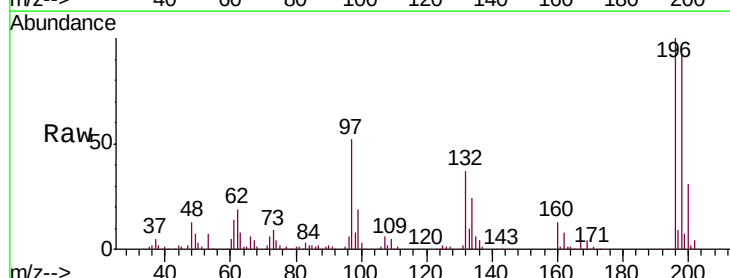


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

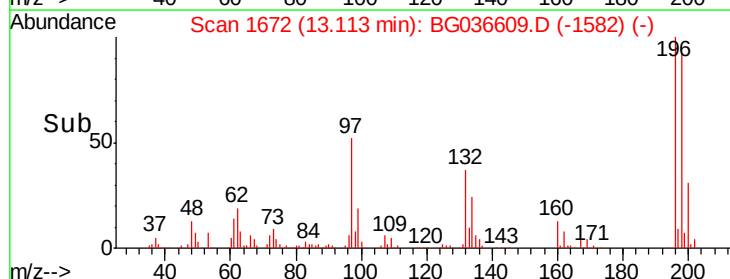
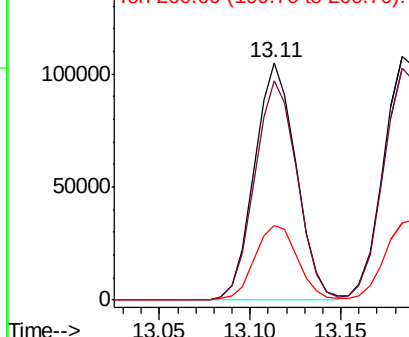


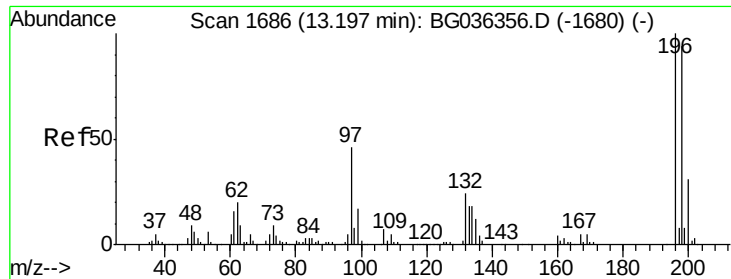
#42
 2,4,6-Trichlorophenol
 Concen: 45.929 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BG036609.D
 Acq: 7 Sep 2018 22:52

Tgt Ion:196 Resp: 167494
 Ion Ratio Lower Upper
 196 100
 198 92.4 77.2 115.8
 200 31.4 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

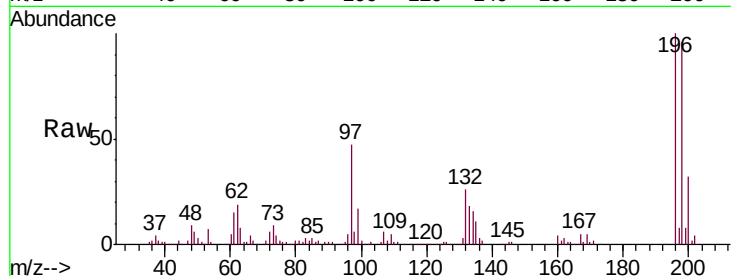




#43
 2,4,5-Trichlorophenol
 Concen: 46.669 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG036609.D
 Acq: 7 Sep 2018 22:52

Instrument :
 BNA_G
 ClientSampleId :
 PB112689BS

Tgt Ion	Resp	Lower	Upper
196	181528		
198	95.6	75.6	113.4
97	47.3	37.2	55.8
132	25.5	19.4	29.2



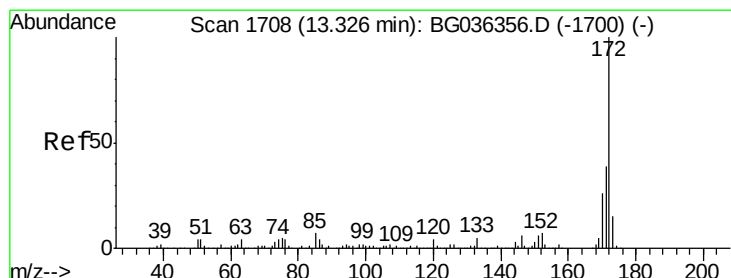
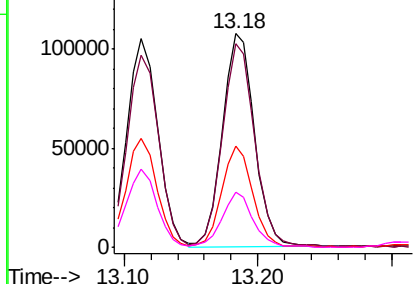
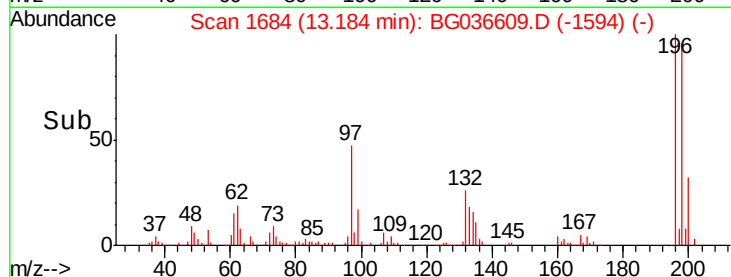
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

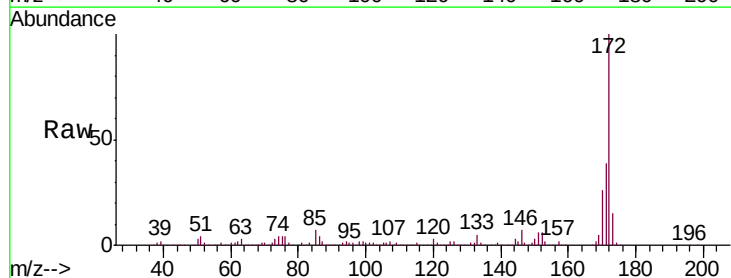
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.219 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036609.D
 Acq: 7 Sep 2018 22:52

Tgt Ion	Resp	Lower	Upper
172	867502		
171	39.0	31.3	46.9
170	25.9	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

