

Data File : BG036585.D
Acq On : 7 Sep 2018 1:21
Operator : JU/SJ
Sample : PB112644BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112644BS

Quant Time: Sep 07 04:23:40 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	8.06	152	57416	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	245950	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	169539	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	428215	20.00	ng	0.00
75) Chrysene-d12	21.69	240	418566	20.00	ng	0.00
86) Perylene-d12	24.90	264	443322	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	519169	143.44	ng	0.00
7) Phenol-d6	7.22	99	734890	141.81	ng	0.00
23) Nitrobenzene-d5	9.22	82	455331	100.45	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	333403	164.81	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1080939	91.03	ng	0.00
78) Terphenyl-d14	20.03	244	1705001	95.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	55373	32.781	ng	99
3) Pyridine	3.93	79	177454	37.426	ng	98
4) n-Nitrosodimethylamine	3.84	42	96814	45.843	ng	91
6) Aniline	7.38	93	302823	46.036	ng	97
8) 2-Chlorophenol	7.62	128	203583	51.866	ng	96
9) Benzaldehyde	7.19	77	125450	35.154	ng	95
10) Phenol	7.25	94	289356	53.356	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	195024	45.361	ng	99
12) 1,3-Dichlorobenzene	7.95	146	200590	44.755	ng	97
13) 1,4-Dichlorobenzene	8.09	146	203429	44.956	ng	98
14) 1,2-Dichlorobenzene	8.41	146	199655	46.200	ng	100
15) Benzyl Alcohol	8.29	79	212195	50.793	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	369548	42.621	ng	98
17) 2-Methylphenol	8.49	107	193424	53.714	ng	96
18) Hexachloroethane	9.14	117	73180	45.106	ng	90
19) n-Nitroso-di-n-propylamine	8.86	70	174801	45.133	ng	94
20) 3+4-Methylphenols	8.82	107	276321	54.962	ng	99
22) Acetophenone	8.88	105	325153	50.345	ng	99
24) Nitrobenzene	9.26	77	256483	52.470	ng	97
25) Isophorone	9.78	82	502740	55.828	ng	99
26) 2-Nitrophenol	9.97	139	117724	60.776	ng	97
27) 2,4-Dimethylphenol	10.03	122	218281	60.868	ng	100
28) bis(2-Chloroethoxy)methane	10.27	93	286475	51.835	ng	98
29) 2,4-Dichlorophenol	10.51	162	237437	60.413	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	232626	50.596	ng	98
31) Naphthalene	10.92	128	662649	53.897	ng	99
32) Benzoic acid	10.17	122	137622	51.411	ng	95
33) 4-Chloroaniline	11.02	127	224168	39.789	ng	99
34) Hexachlorobutadiene	11.20	225	156277	50.589	ng	98
35) Caprolactam	11.80	113	65979	42.141	ng	93
36) 4-Chloro-3-methylphenol	12.13	107	262121	57.397	ng	95
37) 2-Methylnaphthalene	12.52	142	534856	59.454	ng	100
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	307523	51.256	ng	99
40) Hexachlorocyclopentadiene	12.86	237	374086	119.834	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	209235	57.250	ng	99
43) 2,4,5-Trichlorophenol	13.19	196	230512	59.133	ng	99
45) 1,1'-Biphenyl	13.52	154	687234	48.833	ng	100
46) 2-Chloronaphthalene	13.56	162	542227	50.470	ng	100
47) 2-Nitroaniline	13.76	65	193537	57.367	ng	97
48) Acenaphthylene	14.41	152	914651	54.474	ng	100
49) Dimethylphthalate	14.14	163	731100	52.810	ng	98
50) 2,6-Dinitrotoluene	14.25	165	163730	57.476	ng	93
51) Acenaphthene	14.75	154	546207	50.794	ng	100
52) 3-Nitroaniline	14.58	138	146081	47.586	ng	99
53) 2,4-Dinitrophenol	14.78	184	121107	112.239	ng	94
54) Dibenzofuran	15.08	168	871268	51.717	ng	100
55) 4-Nitrophenol	14.89	139	251494	100.198	ng	99
56) 2,4-Dinitrotoluene	15.04	165	231968	62.480	ng	89
57) Fluorene	15.73	166	695631	55.234	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	228768	62.462	ng	95
59) Diethylphthalate	15.50	149	722531	51.788	ng	100
60) 4-Chlorophenyl-phenylether	15.72	204	406190	52.231	ng	99
61) 4-Nitroaniline	15.75	138	177792	55.346	ng	96
62) Azobenzene	16.01	77	703378	49.550	ng	99
64) 4,6-Dinitro-2-methylphenol	15.81	198	110422	58.702	ng	93
65) n-Nitrosodiphenylamine	15.93	169	640228	50.318	ng	99
66) 4-Bromophenyl-phenylether	16.62	248	270708	53.995	ng	96
67) Hexachlorobenzene	16.73	284	272184	53.093	ng	98
68) Atrazine	16.88	200	275470	57.680	ng	99
69) Pentachlorophenol	17.07	266	314570	90.286	ng	99
70) Phenanthrene	17.47	178	1160592	53.339	ng	97
71) Anthracene	17.56	178	1173372	54.098	ng	98
72) Carbazole	17.83	167	1025607	47.347	ng	100
73) Di-n-butylphthalate	18.38	149	1173841	48.664	ng	99
74) Fluoranthene	19.47	202	1402077	52.852	ng	97
76) Benzidine	19.65	184	864705	64.752	ng	98
77) Pyrene	19.84	202	1352892	52.561	ng	98
79) Butylbenzylphthalate	20.72	149	540546	52.770	ng	95
80) Benzo(a)anthracene	21.68	228	1374742	54.214	ng	97
81) 3,3'-Dichlorobenzidine	21.59	252	416805	41.243	ng	98
82) Chrysene	21.74	228	1287216	53.555	ng	96
83) Bis(2-ethylhexyl)phthalate	21.58	149	734744	51.258	ng	99
84) Di-n-octyl phthalate	22.79	149	1257077	52.504	ng	97
85) Indeno(1,2,3-cd)pyrene	28.56	276	1549418	55.501	ng	100
87) Benzo(b)fluoranthene	23.88	252	1407495	57.174	ng	98
88) Benzo(k)fluoranthene	23.95	252	1318620	54.827	ng	98
89) Benzo(a)pyrene	24.75	252	1357991	57.406	ng	100
90) Dibenzo(a,h)anthracene	28.63	278	1253888	54.905	ng	98
91) Benzo(g,h,i)perylene	29.70	276	1258309	54.829	ng	96

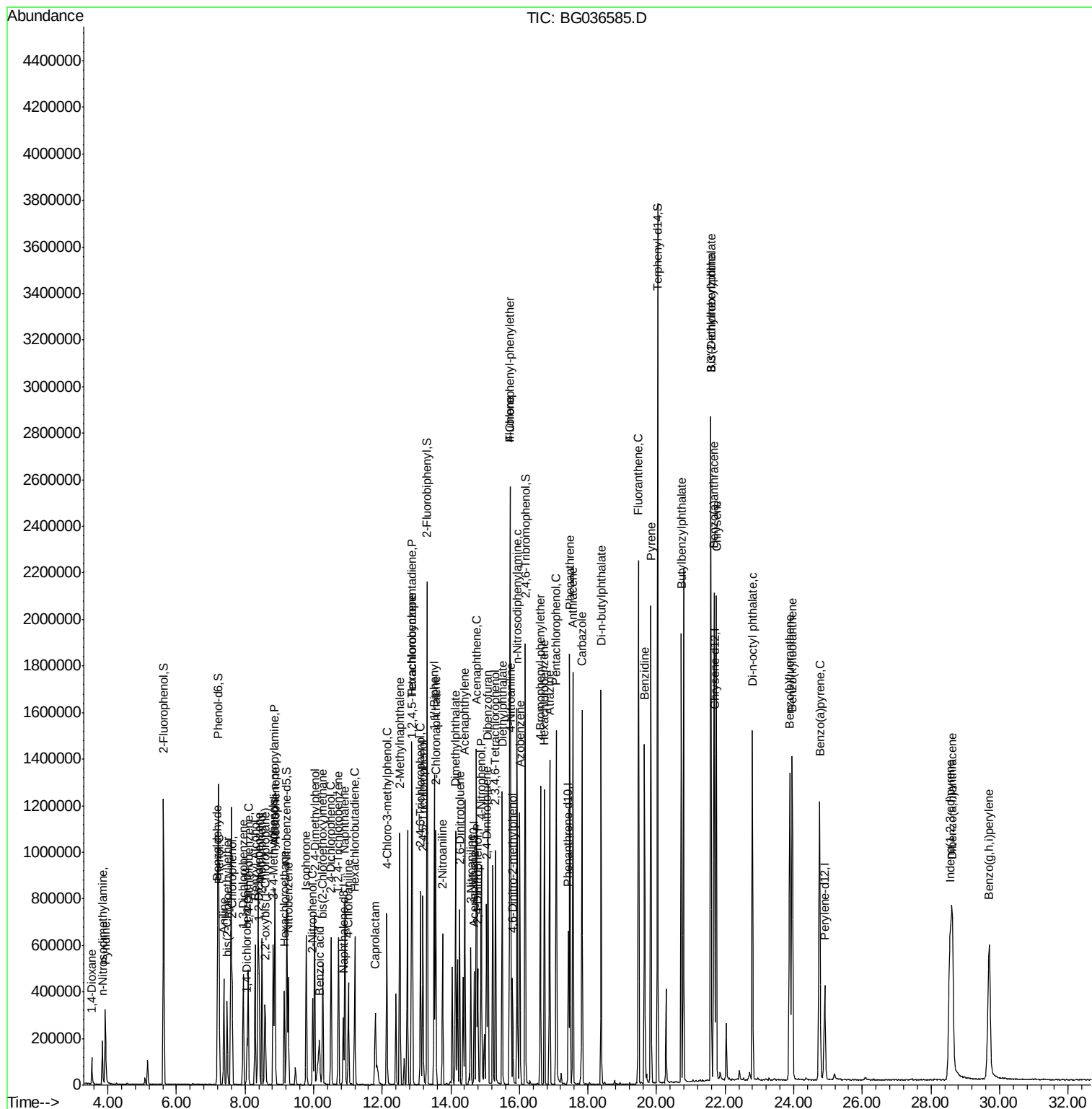
(#) = qualifier out of range (m) = manual integration (+) = signals summed

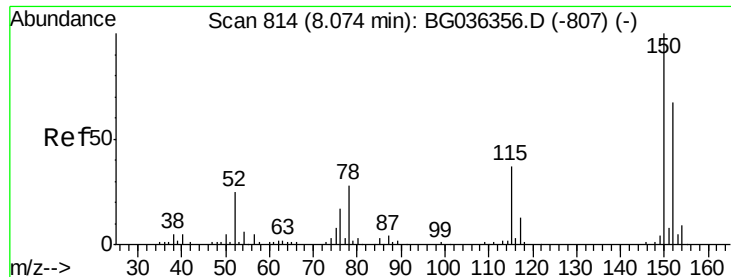
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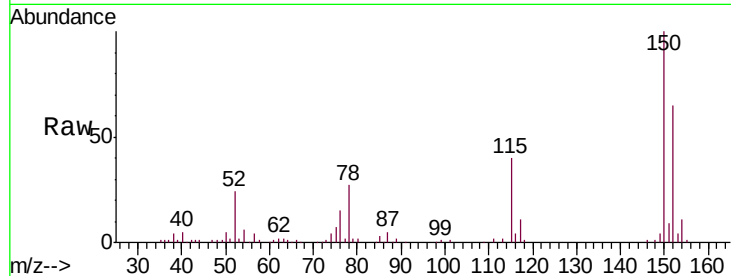


#1

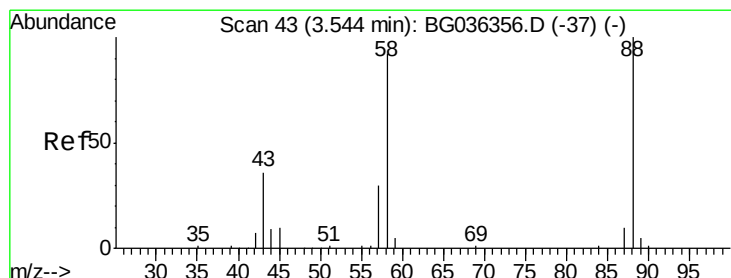
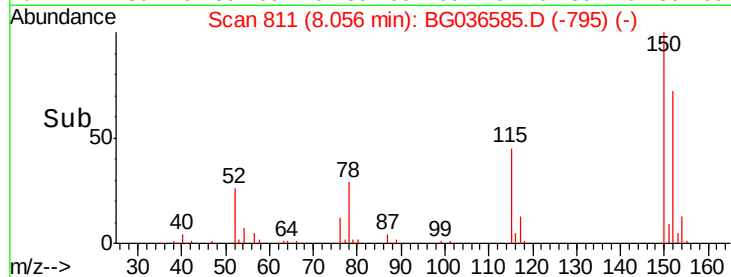
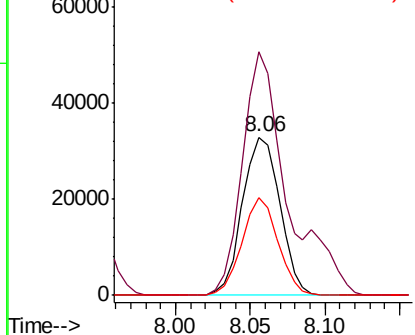
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036585.D
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Instrument :
BNA_G
ClientSampleId :
PB112644BS

Tgt Ion:152 Resp: 57416
Ion Ratio Lower Upper
152 100
150 153.8 119.5 179.3
115 61.7 44.5 66.7



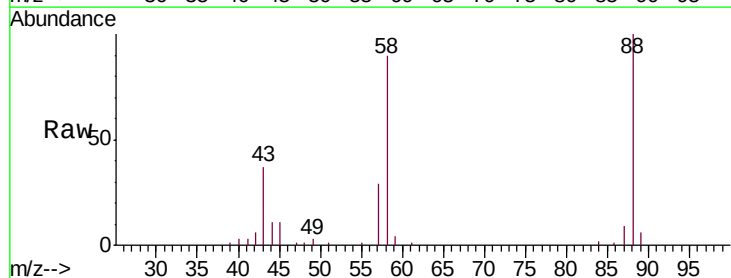
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



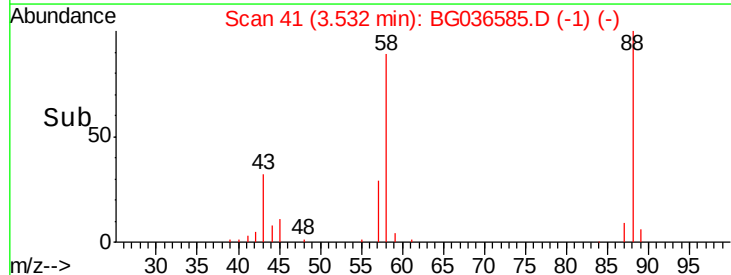
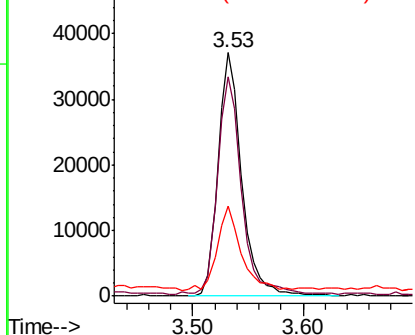
#2

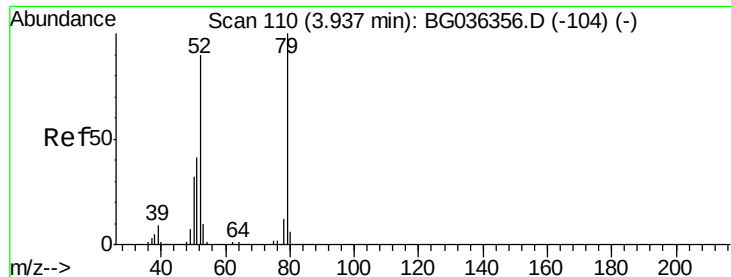
1,4-Dioxane
Concen: 32.781 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG036585.D
Acq: 7 Sep 2018 1:21

Tgt Ion: 88 Resp: 55373
Ion Ratio Lower Upper
88 100
58 89.8 72.6 109.0
43 34.9 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: 37.426 ng

RT: 3.93 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG036585.D

Acq: 7 Sep 2018 1:21

Instrument :

BNA_G

ClientSampleId :

PB112644BS

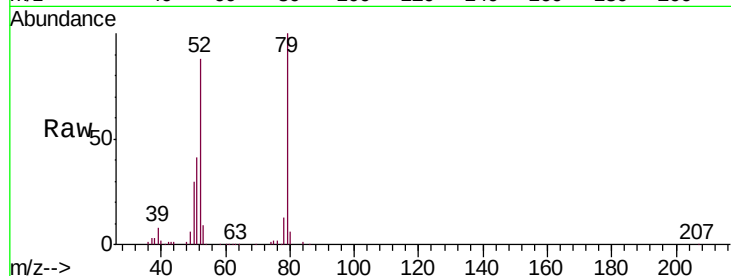
Tgt Ion: 79 Resp: 177454

Ion Ratio Lower Upper

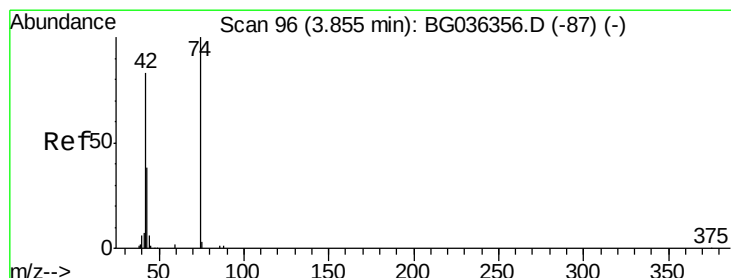
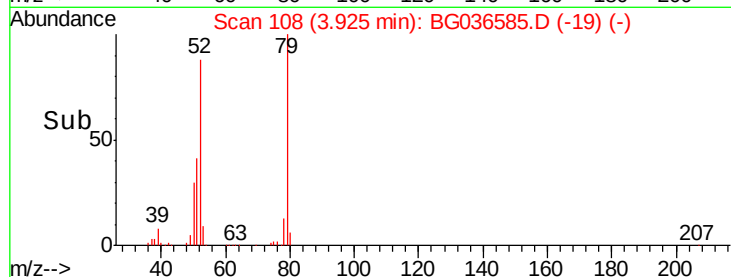
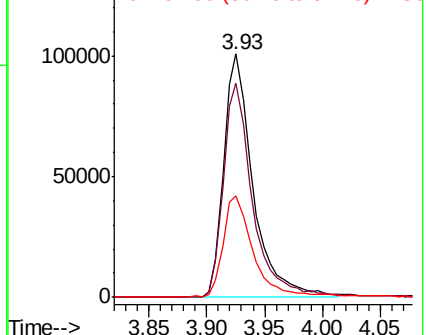
79 100

52 88.2 72.3 108.5

51 41.5 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: 45.843 ng

RT: 3.84 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG036585.D

Acq: 7 Sep 2018 1:21

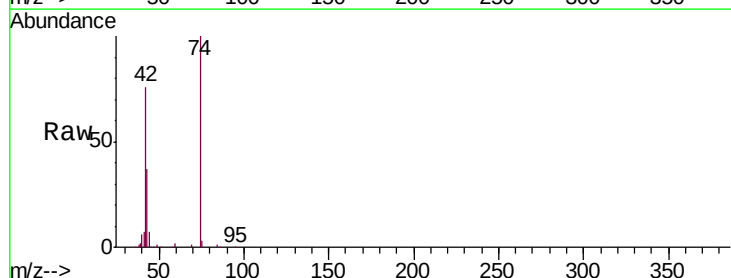
Tgt Ion: 42 Resp: 96814

Ion Ratio Lower Upper

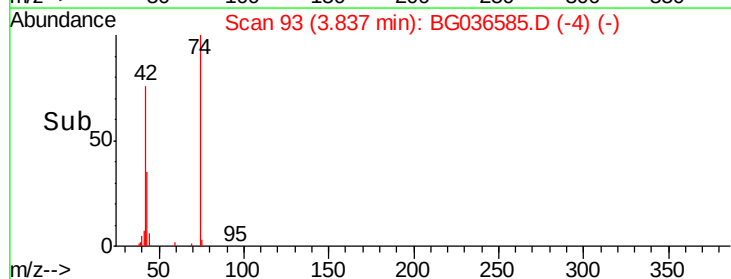
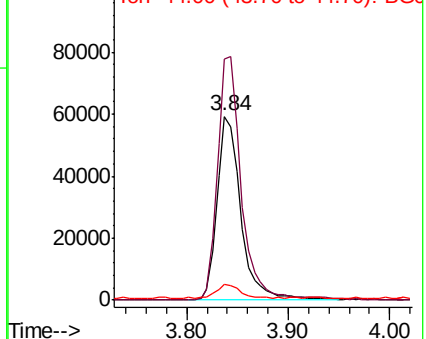
42 100

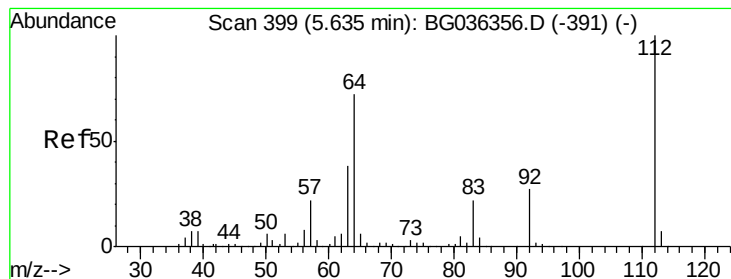
74 131.2 96.6 145.0

44 8.9 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: 143.437 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036585.D

Acq: 7 Sep 2018 1:21

Instrument :

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ClientSampleId :

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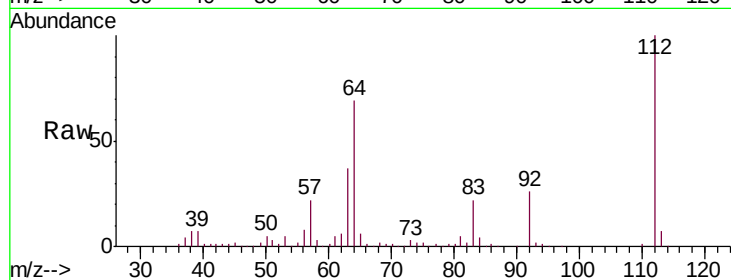
Tgt Ion: 112 Resp: 519169

Ion Ratio Lower Upper

112 100

64 69.3 57.2 85.8

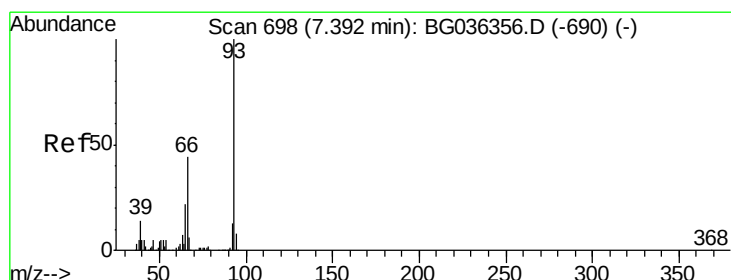
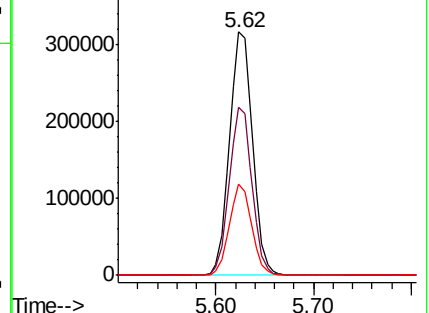
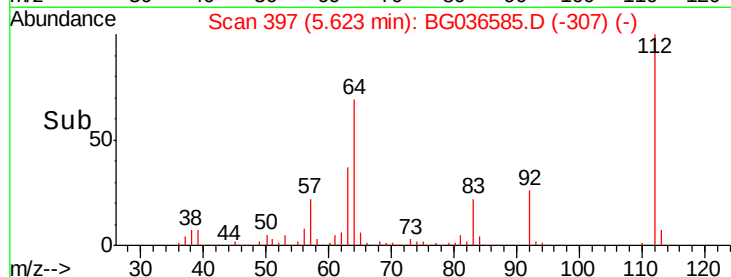
63 37.4 30.8 46.2



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: 46.036 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG036585.D

Acq: 7 Sep 2018 1:21

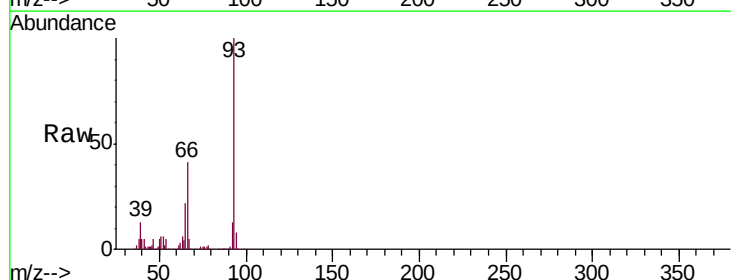
Tgt Ion: 93 Resp: 302823

Ion Ratio Lower Upper

93 100

66 40.7 35.0 52.4

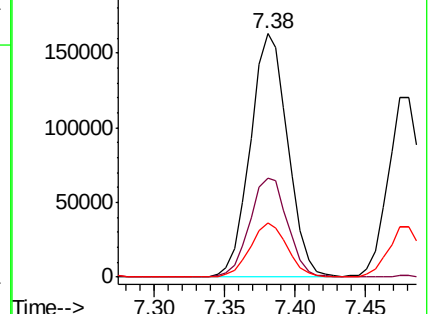
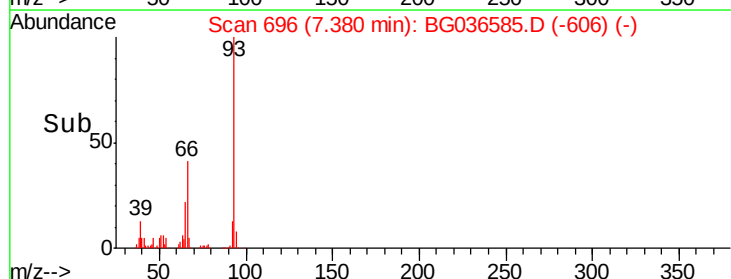
65 22.3 17.6 26.4

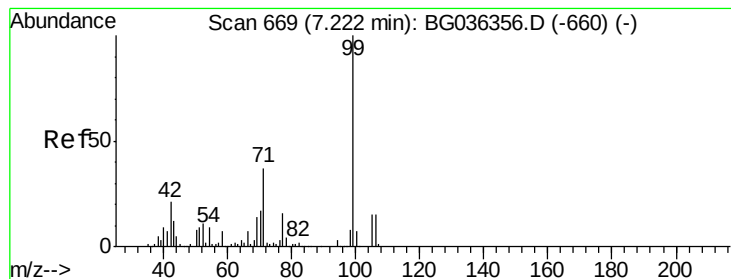


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.809 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.00 min

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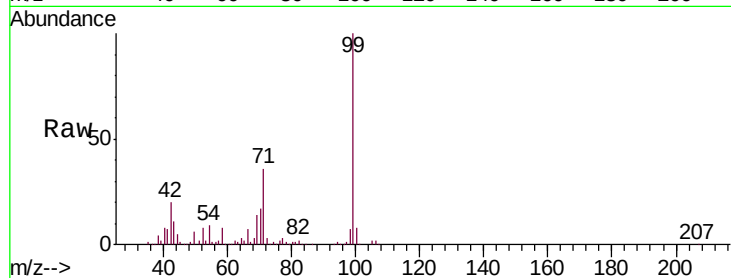
Tgt Ion: 99 Resp: 734890

Ion Ratio Lower Upper

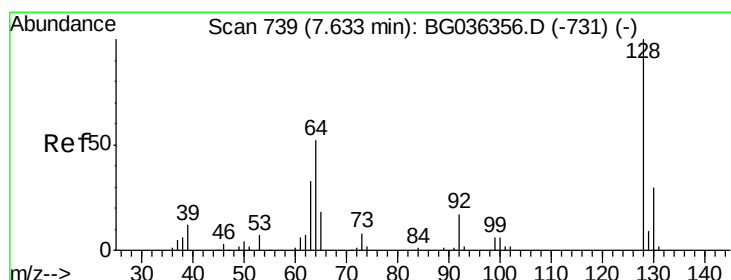
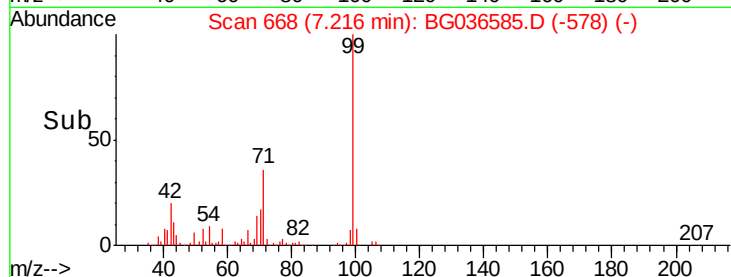
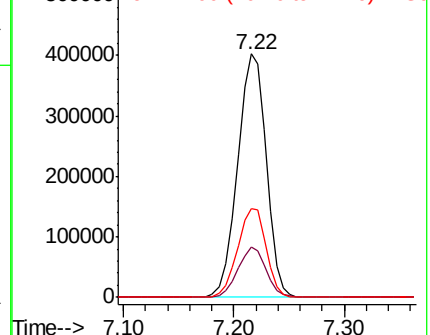
99 100

42 20.5 16.5 24.7

71 36.5 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: 51.866 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG036585.D

Acq: 7 Sep 2018 1:21

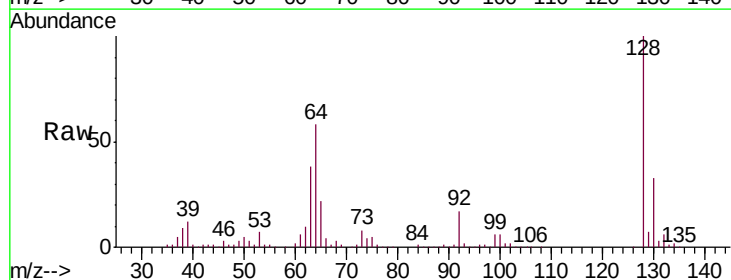
Tgt Ion: 128 Resp: 203583

Ion Ratio Lower Upper

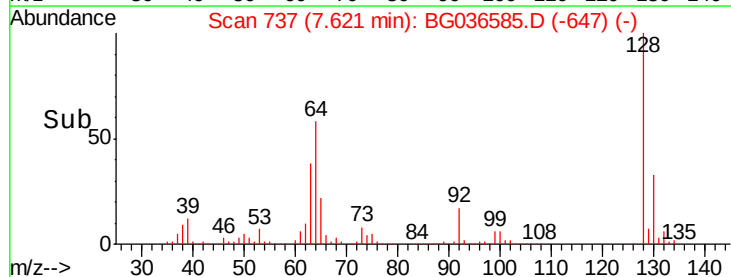
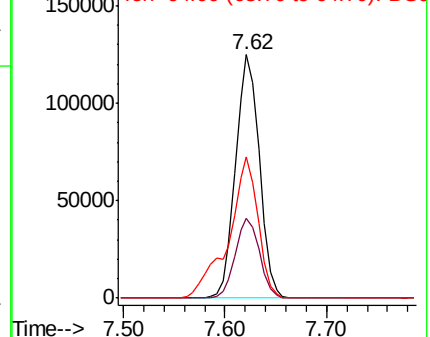
128 100

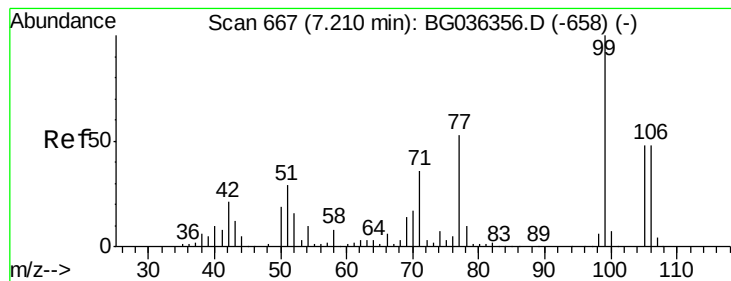
130 33.0 10.0 50.0

64 58.0 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: 35.154 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

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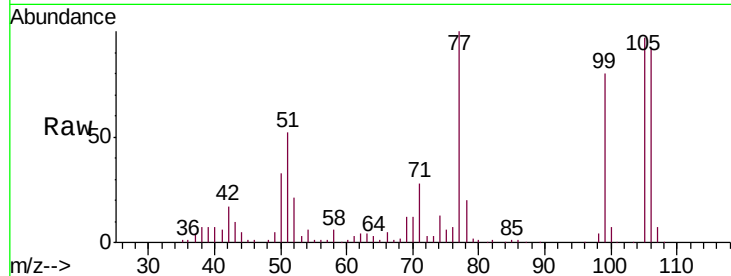
Tgt Ion: 77 Resp: 125450

Ion Ratio Lower Upper

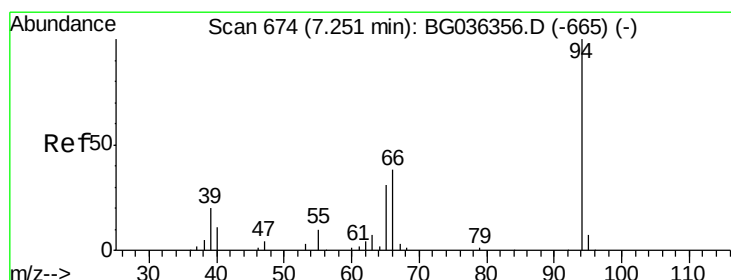
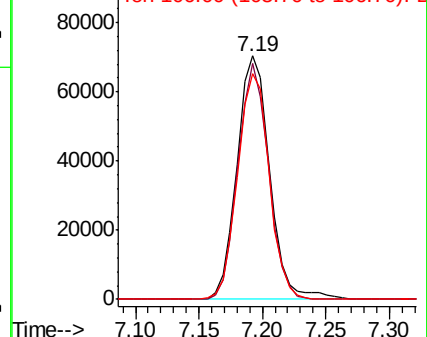
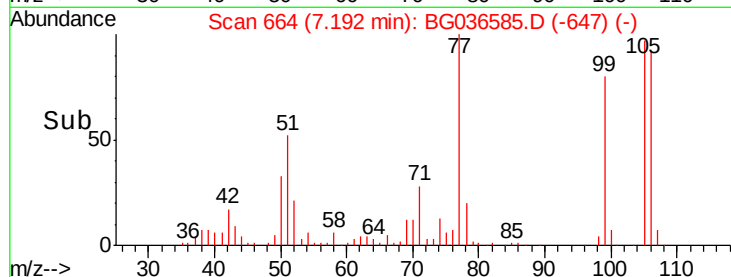
77 100

105 96.9 70.5 110.5

106 92.4 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: 53.356 ng

RT: 7.25 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG036585.D

Acq: 7 Sep 2018 1:21

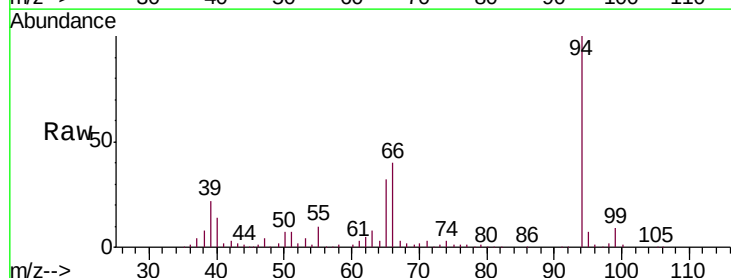
Tgt Ion: 94 Resp: 289356

Ion Ratio Lower Upper

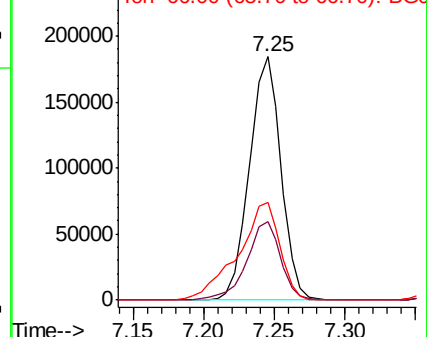
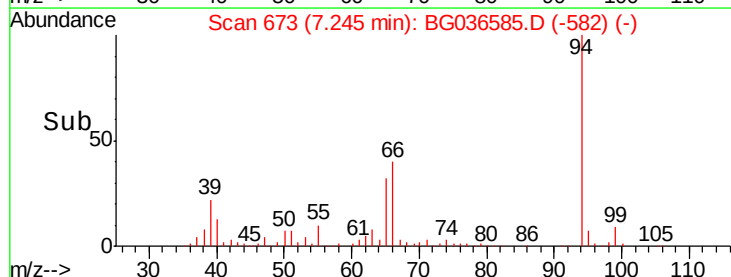
94 100

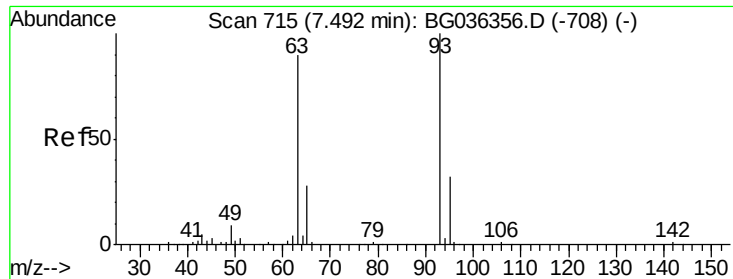
65 32.3 11.5 51.5

66 40.4 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

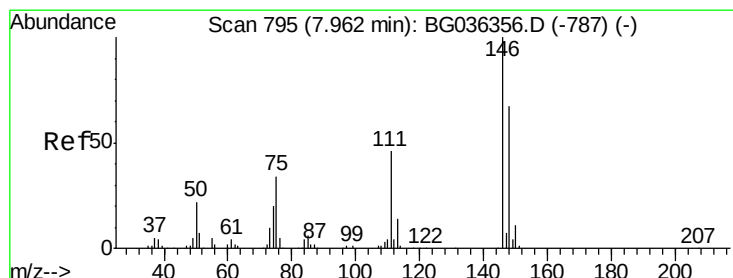
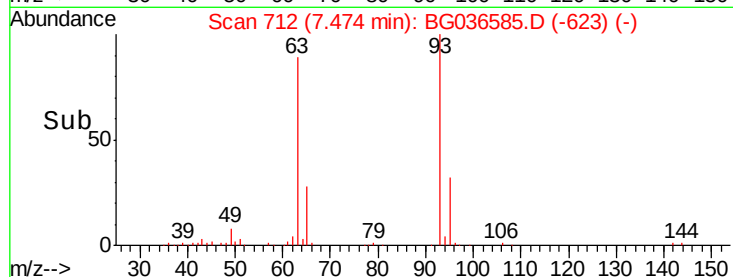
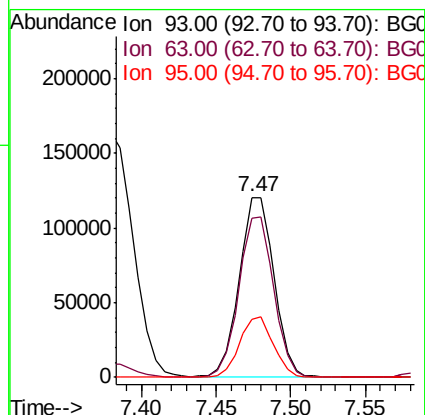
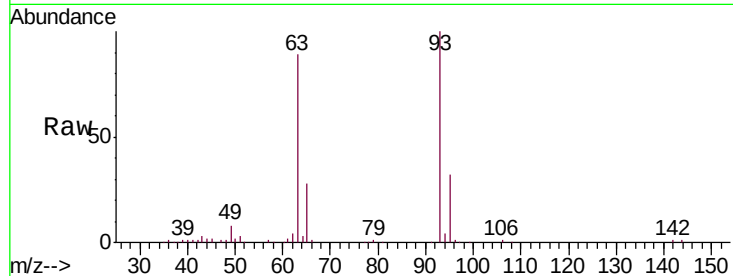




#11
bis(2-Chloroethyl)ether
Concen: 45.361 ng
RT: 7.47 min Scan# 712
Delta R.T. -0.01 min
Lab File: BG036585.D
Acq: 7 Sep 2018 1:21

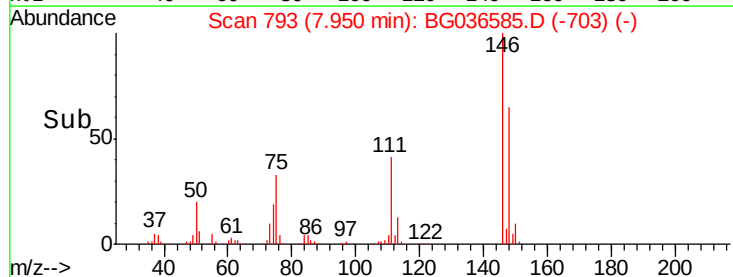
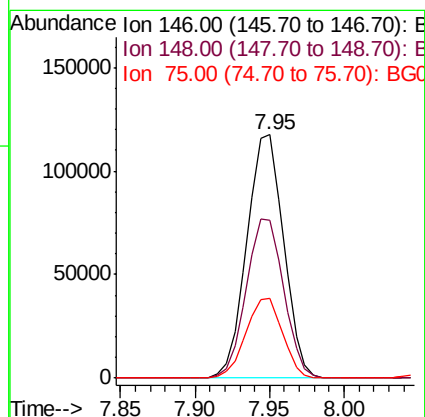
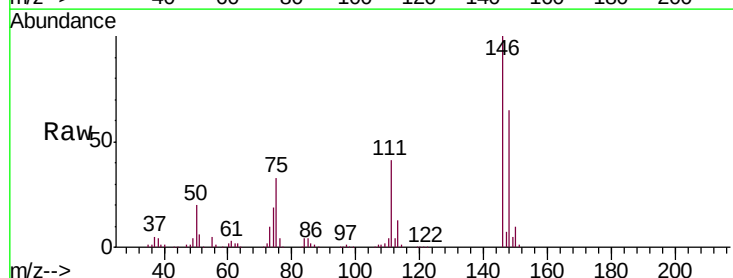
Instrument :
BNA_G
ClientSampleId :
PB112644BS

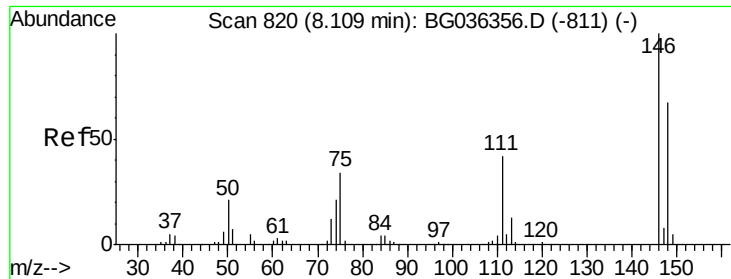
Tgt Ion: 93 Resp: 195024
Ion Ratio Lower Upper
93 100
63 88.6 69.9 109.9
95 32.2 11.7 51.7



#12
1,3-Dichlorobenzene
Concen: 44.755 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.00 min
Lab File: BG036585.D
Acq: 7 Sep 2018 1:21

Tgt Ion: 146 Resp: 200590
Ion Ratio Lower Upper
146 100
148 65.0 53.8 80.6
75 32.6 27.2 40.8

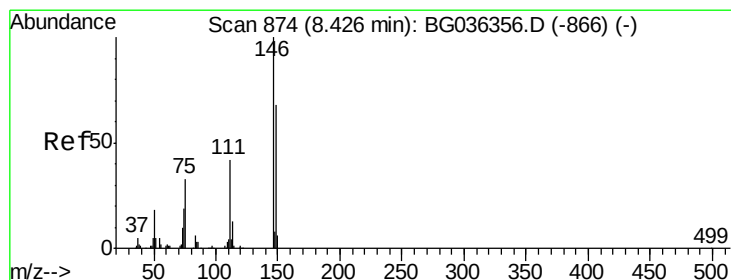
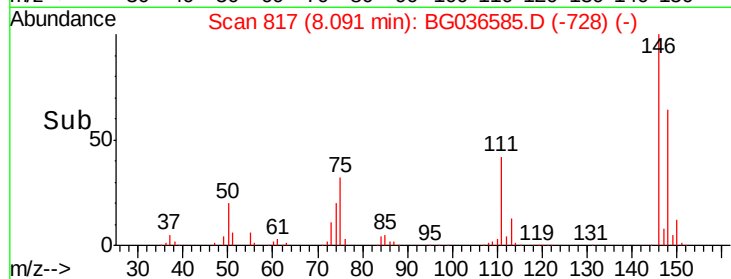
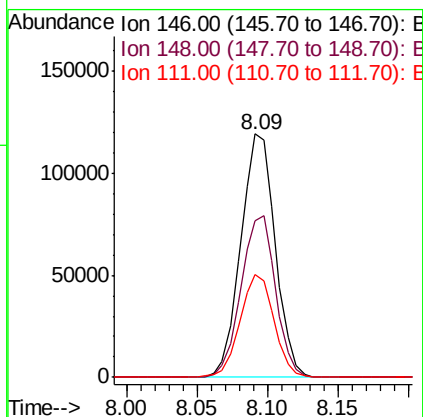
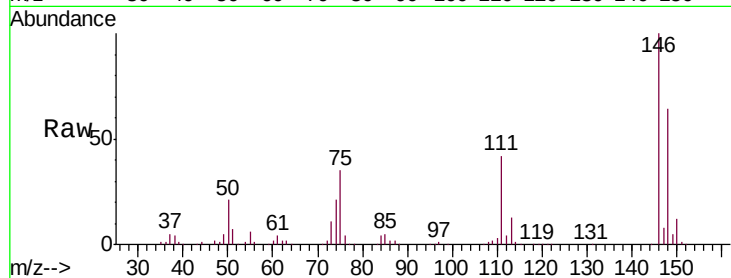




#13
 1,4-Dichlorobenzene
 Concen: 44.956 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG036585.D
 Acq: 7 Sep 2018 1:21

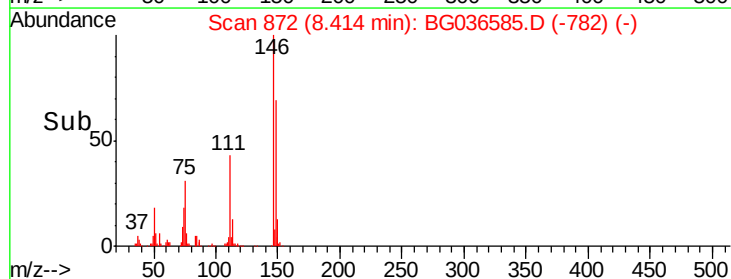
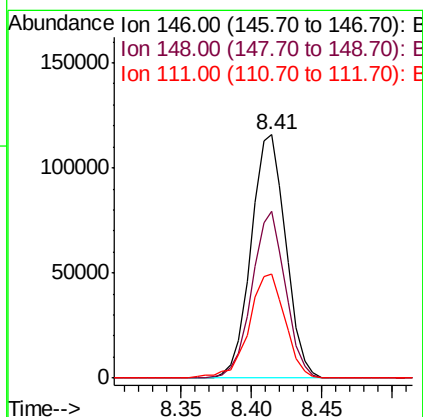
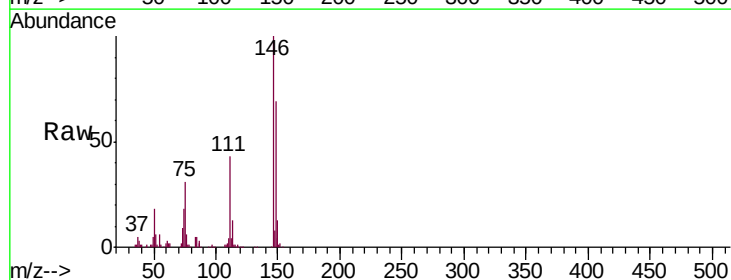
Instrument :
 BNA_G
 ClientSampleId :
 PB112644BS

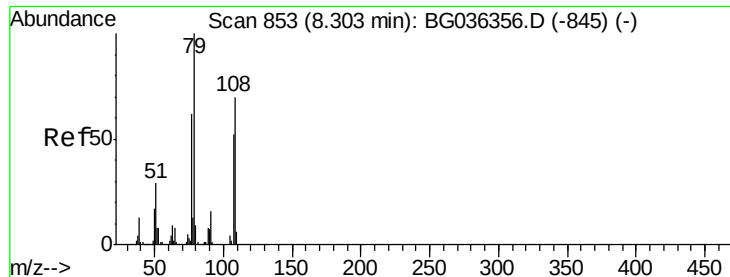
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	53.9	80.9
111	42.3	33.8	50.6



#14
 1,2-Dichlorobenzene
 Concen: 46.200 ng
 RT: 8.41 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BG036585.D
 Acq: 7 Sep 2018 1:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.6	55.0	82.6
111	42.9	34.6	51.8





#15

Benzyl Alcohol

Concen: 50.793 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG036585.D

Acq: 7 Sep 2018 1:21

Instrument :

BNA_G

ClientSampleId :

PB112644BS

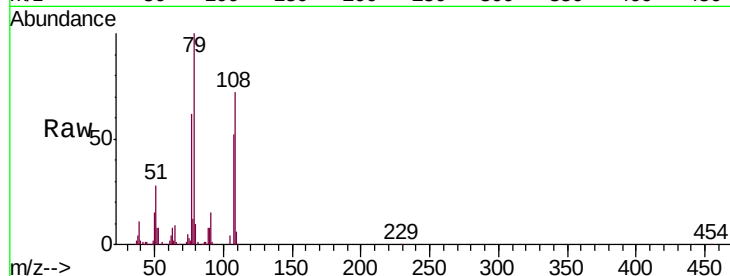
Tgt Ion: 79 Resp: 212195

Ion Ratio Lower Upper

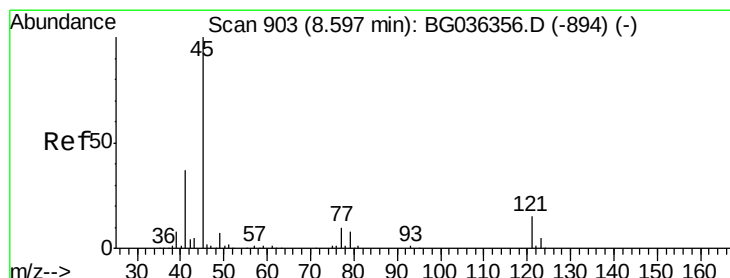
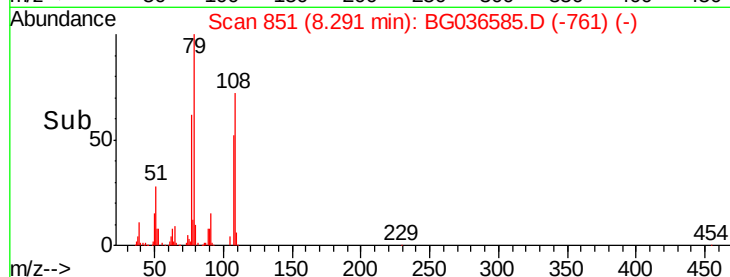
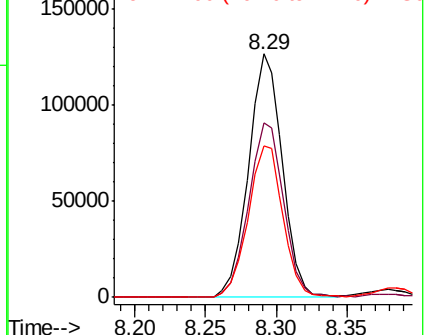
79 100

108 71.8 55.9 83.9

77 62.3 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: 42.621 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG036585.D

Acq: 7 Sep 2018 1:21

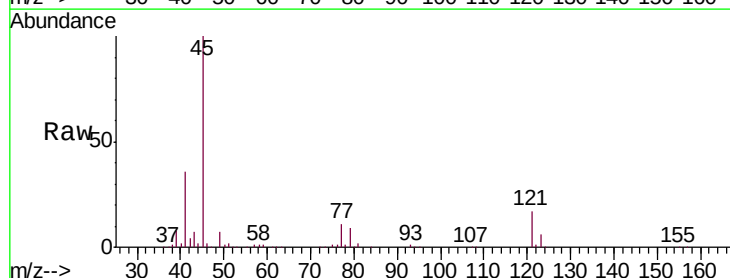
Tgt Ion: 45 Resp: 369548

Ion Ratio Lower Upper

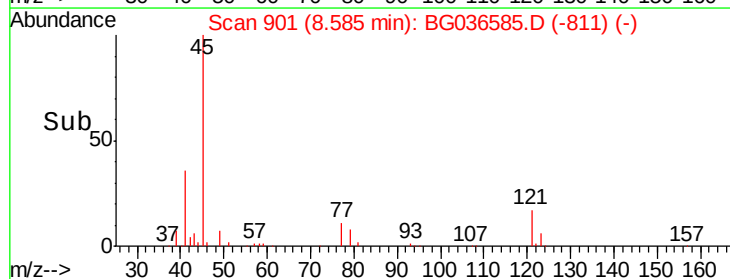
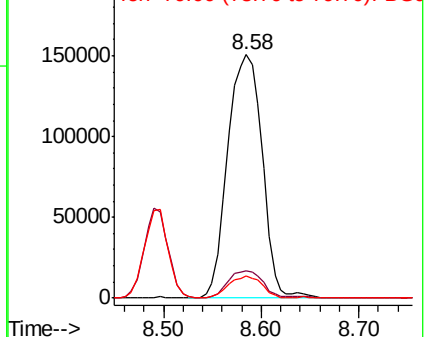
45 100

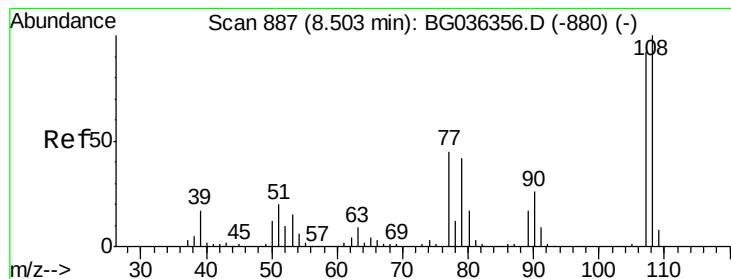
77 11.3 0.0 30.5

79 8.9 0.0 27.9



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





#17

2-Methylphenol

Concen: 53.714 ng

RT: 8.49 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG036585.D

Acq: 7 Sep 2018 1:21

Instrument :

BNA_G

ClientSampleId :

PB112644BS

Tgt Ion:107 Resp: 193424

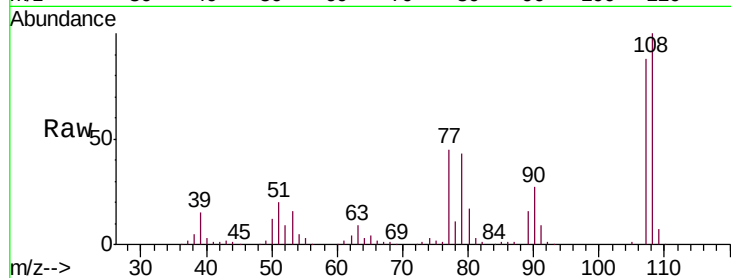
Ion Ratio Lower Upper

107 100

108 113.1 86.7 130.1

77 50.4 39.0 58.4

79 48.8 36.6 54.8



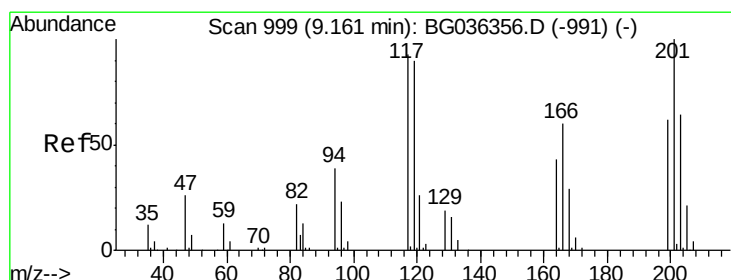
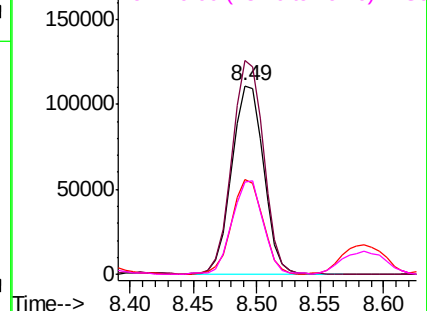
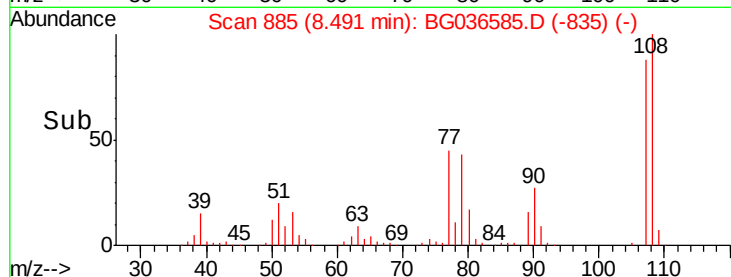
Abundance

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: 45.106 ng

RT: 9.14 min Scan# 996

Delta R.T. -0.01 min

Lab File: BG036585.D

Acq: 7 Sep 2018 1:21

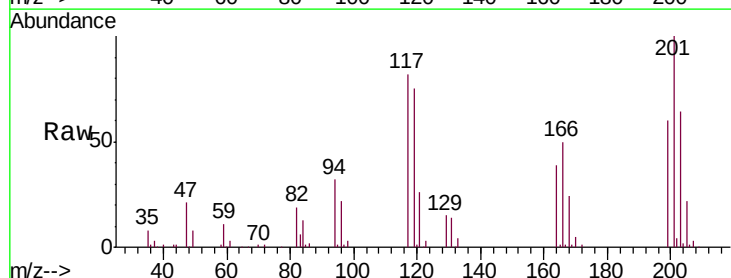
Tgt Ion:117 Resp: 73180

Ion Ratio Lower Upper

117 100

119 91.9 76.8 115.2

201 122.2 85.7 128.5

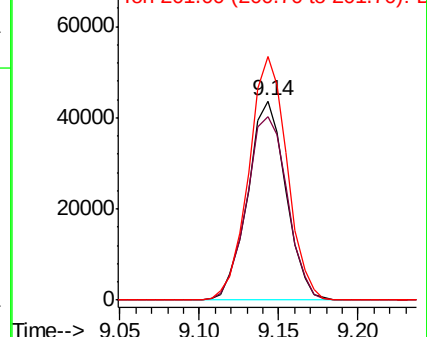
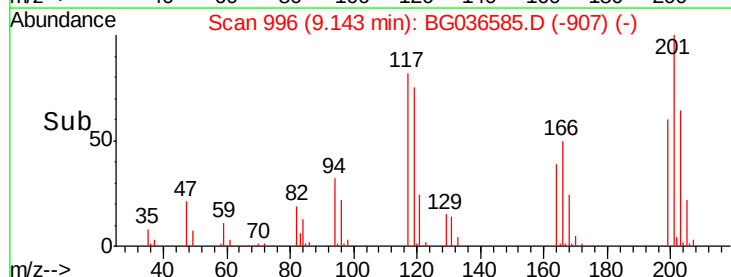


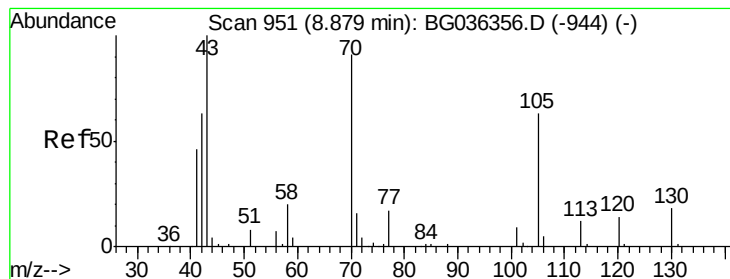
Abundance

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: 45.133 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.00 min

Lab File: BG036585.D

Acq: 7 Sep 2018 1:21

Instrument :

BNA_G

ClientSampleId :

PB112644BS

Tgt Ion: 70 Resp: 174801

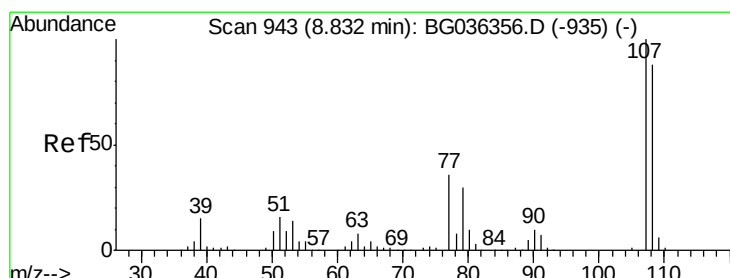
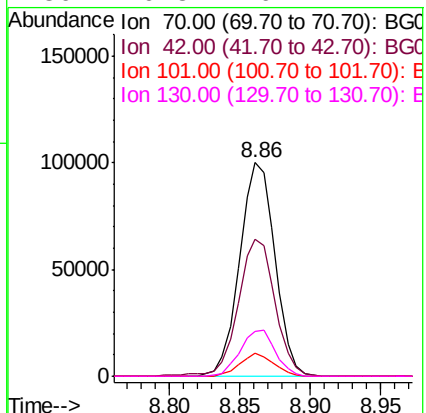
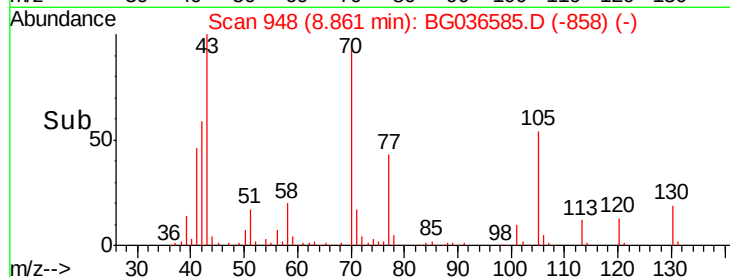
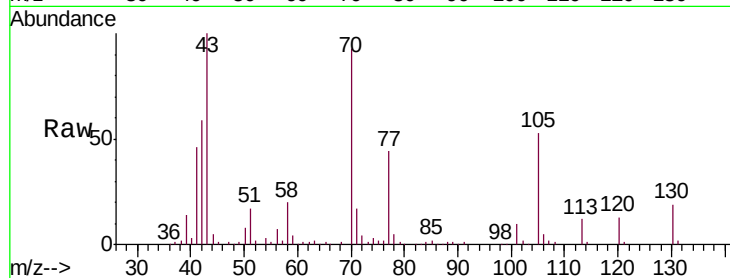
Ion Ratio Lower Upper

70 100

42 64.0 56.2 84.4

101 11.0 7.8 11.6

130 20.8 16.2 24.2



#20

3+4-Methylphenols

Concen: 54.962 ng

RT: 8.82 min Scan# 941

Delta R.T. -0.00 min

Lab File: BG036585.D

Acq: 7 Sep 2018 1:21

Tgt Ion: 107 Resp: 276321

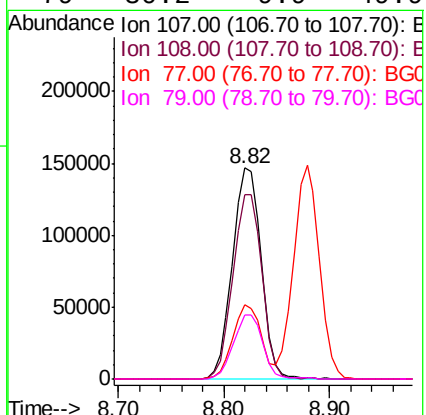
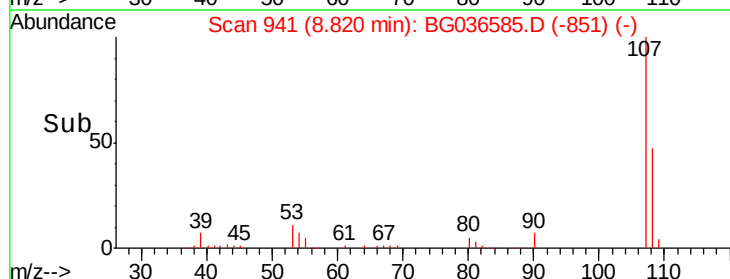
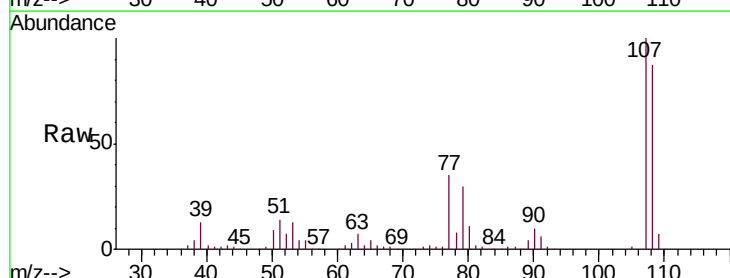
Ion Ratio Lower Upper

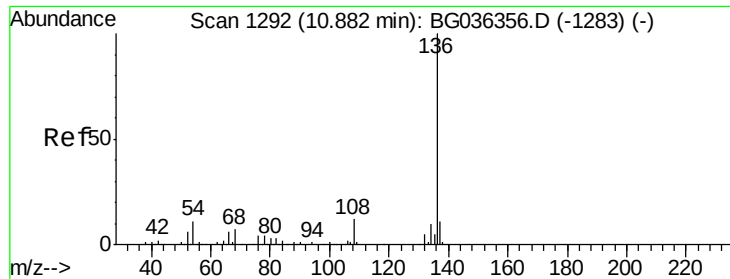
107 100

108 87.4 68.0 108.0

77 35.5 15.6 55.6

79 30.2 9.9 49.9

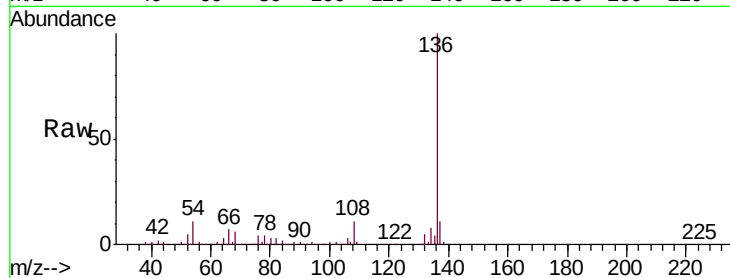




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036585.D
Acq: 7 Sep 2018 1:21

Instrument :
BNA_G
ClientSampleId :
PB112644BS

Tgt Ion:	136	Resp:	245950
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	10.6	9.2	13.8
68	6.4	5.8	8.6



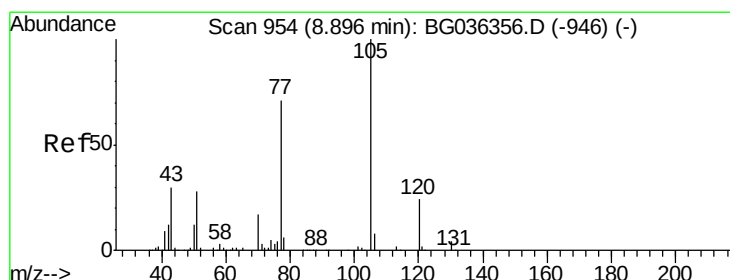
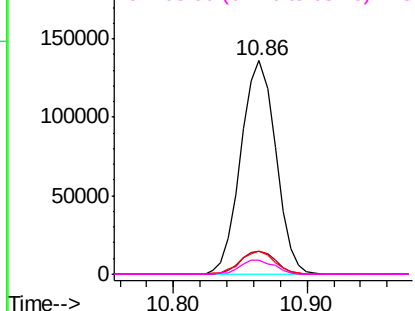
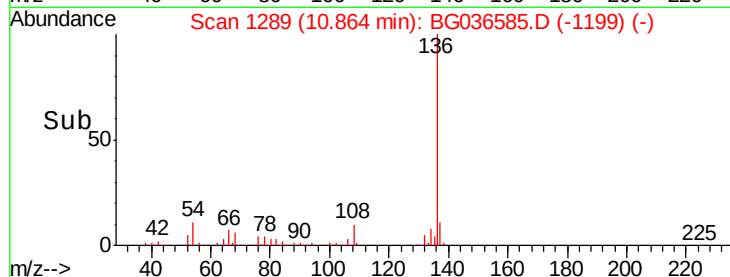
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

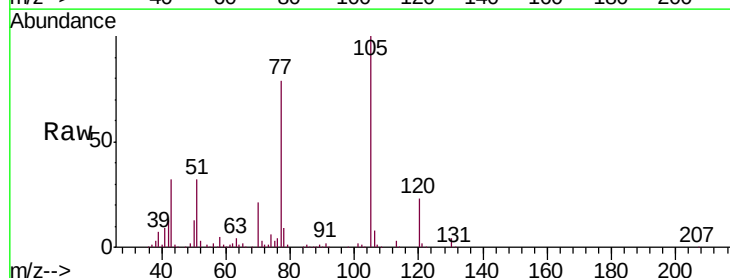
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 50.345 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG036585.D
Acq: 7 Sep 2018 1:21

Tgt Ion:	105	Resp:	325153
Ion	Ratio	Lower	Upper
105	100		
71	2.9	2.4	3.6
51	32.2	25.9	38.9
120	22.8	19.4	29.0



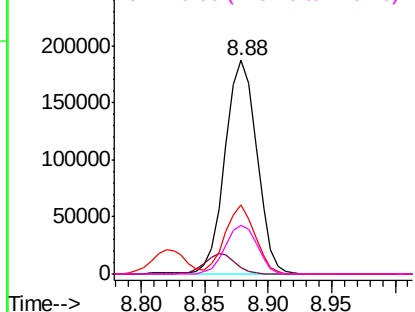
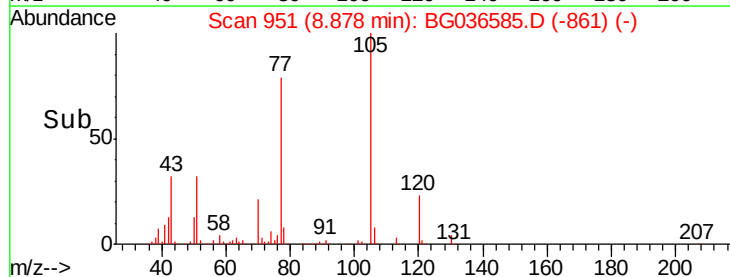
Abundance

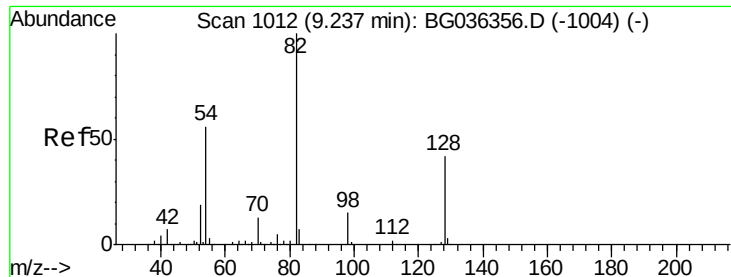
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

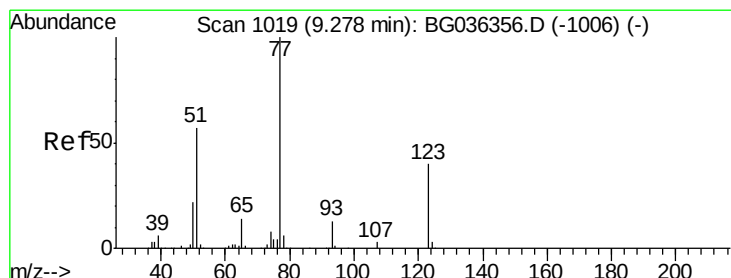
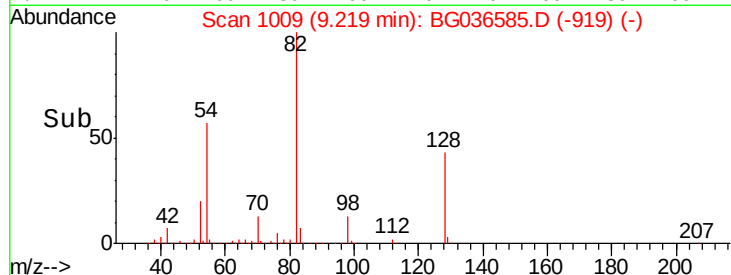
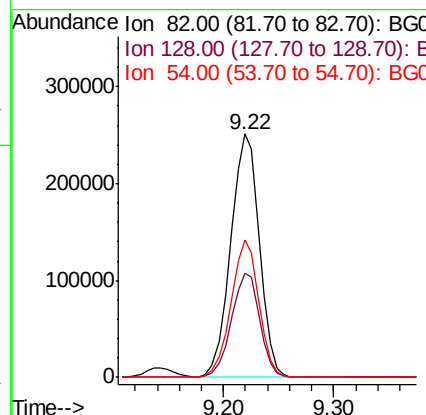
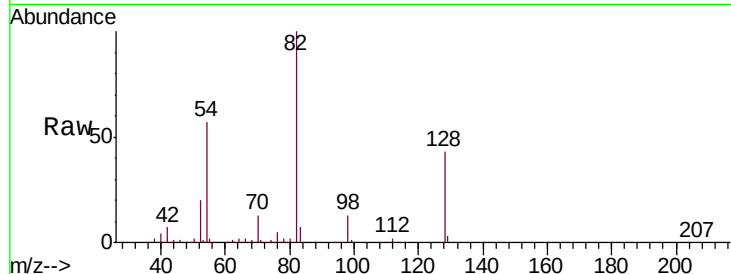




#23
 Nitrobenzene-d5
 Concen: 100.446 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG036585.D
 Acq: 7 Sep 2018 1:21

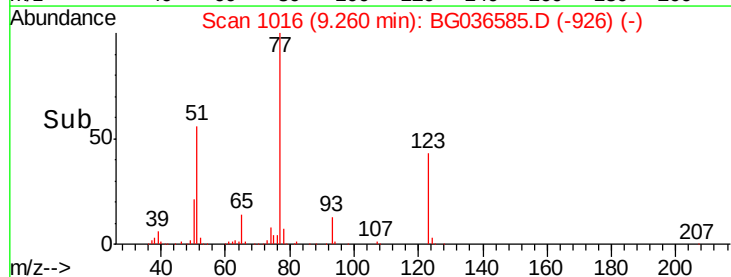
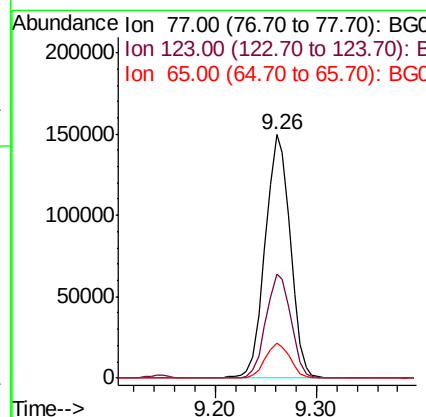
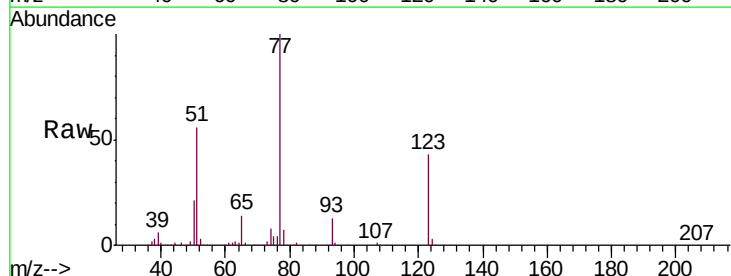
Instrument :
 BNA_G
 ClientSampleId :
 PB112644BS

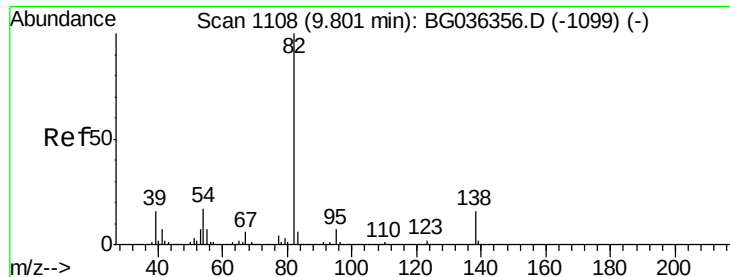
Tgt Ion: 82 Resp: 455331
 Ion Ratio Lower Upper
 82 100
 128 42.5 33.3 49.9
 54 56.5 45.1 67.7



#24
 Nitrobenzene
 Concen: 52.470 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG036585.D
 Acq: 7 Sep 2018 1:21

Tgt Ion: 77 Resp: 256483
 Ion Ratio Lower Upper
 77 100
 123 43.0 32.4 48.6
 65 14.2 11.5 17.3

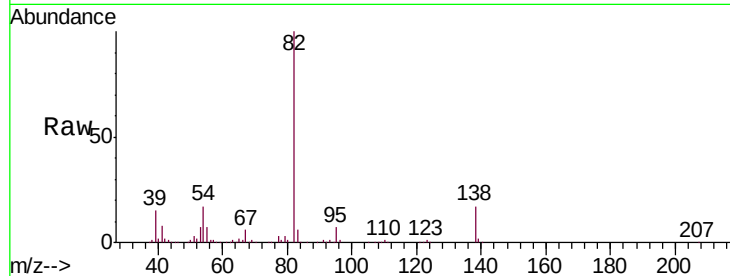




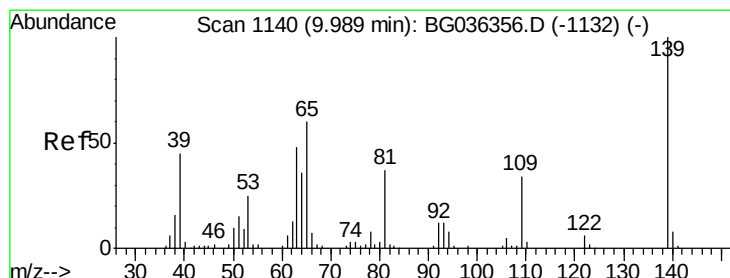
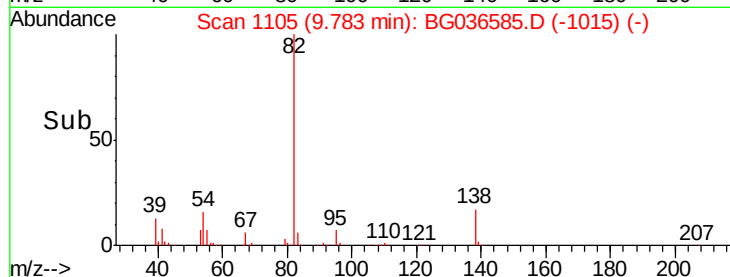
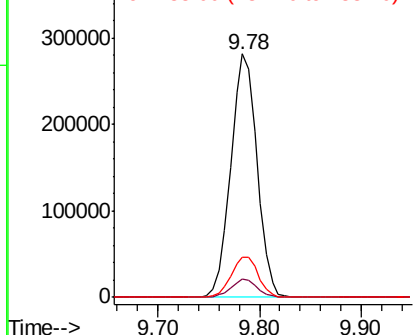
#25
Isophorone
Concen: 55.828 ng
RT: 9.78 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG036585.D
Acq: 7 Sep 2018 1:21

Instrument :
BNA_G
ClientSampleId :
PB112644BS

Tgt Ion: 82 Resp: 502740
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 16.7 12.9 19.3

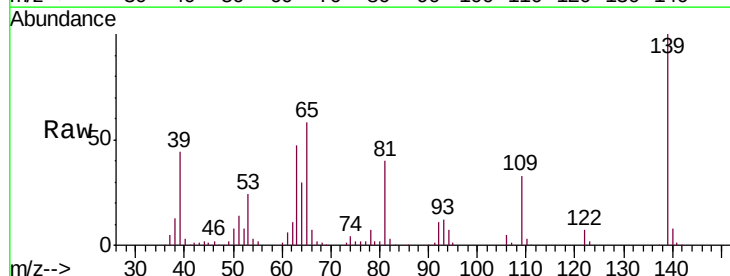


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

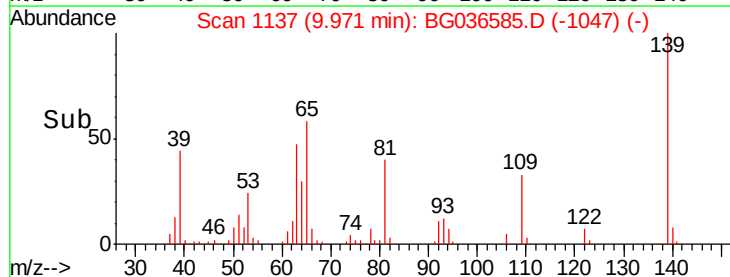
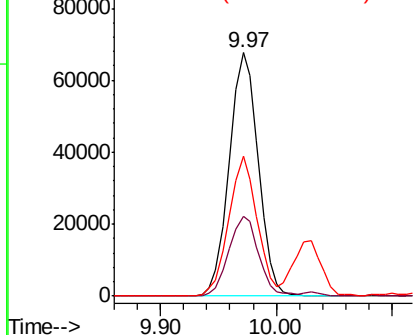


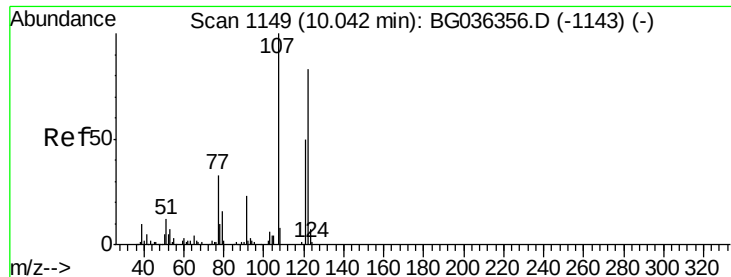
#26
2-Nitrophenol
Concen: 60.776 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BG036585.D
Acq: 7 Sep 2018 1:21

Tgt Ion: 139 Resp: 117724
Ion Ratio Lower Upper
139 100
109 33.0 27.4 41.0
65 57.6 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

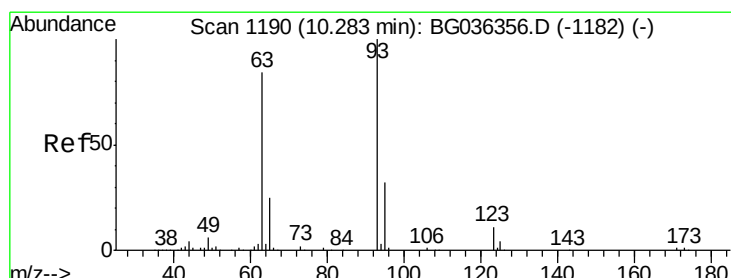
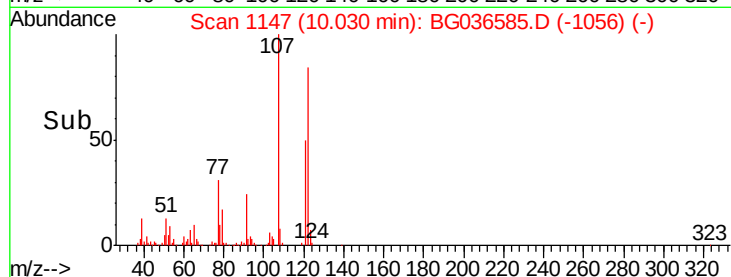
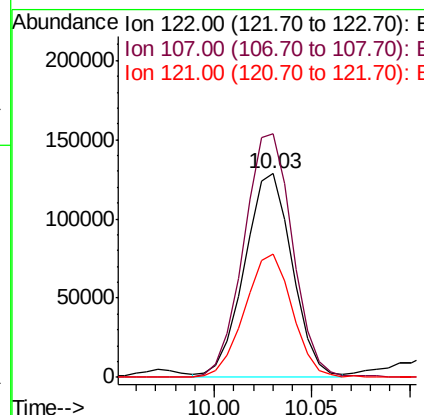
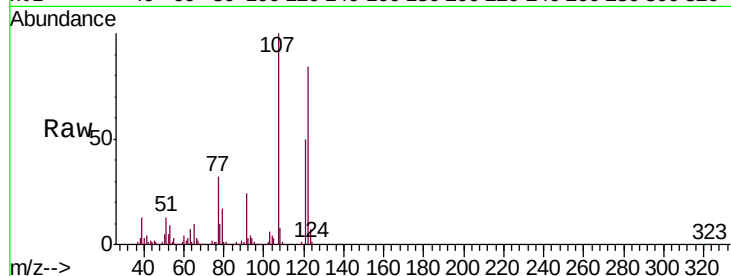




#27
 2,4-Dimethylphenol
 Concen: 60.868 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BG036585.D
 Acq: 7 Sep 2018 1:21

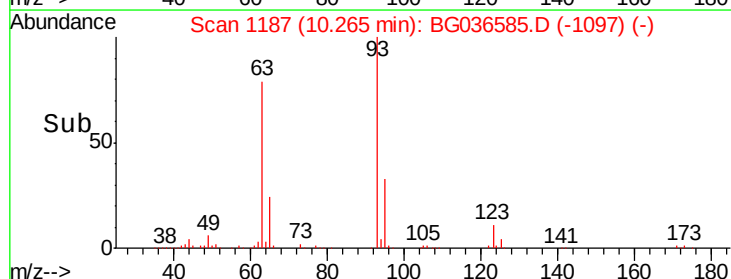
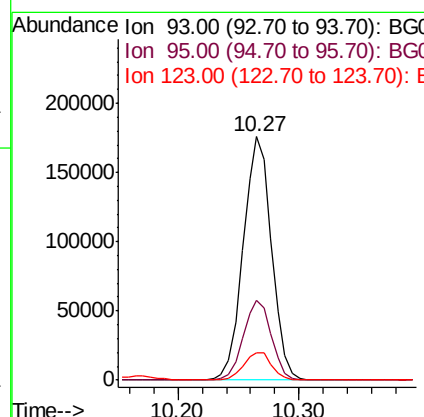
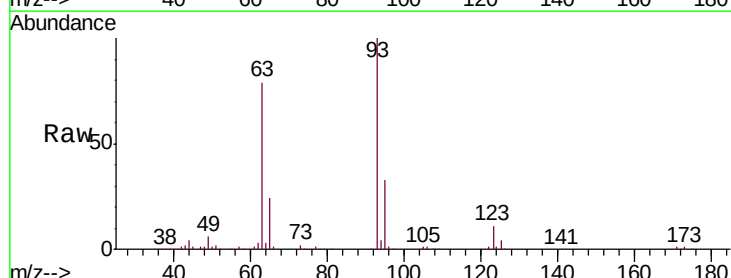
Instrument :
 BNA_G
 ClientSampleId :
 PB112644BS

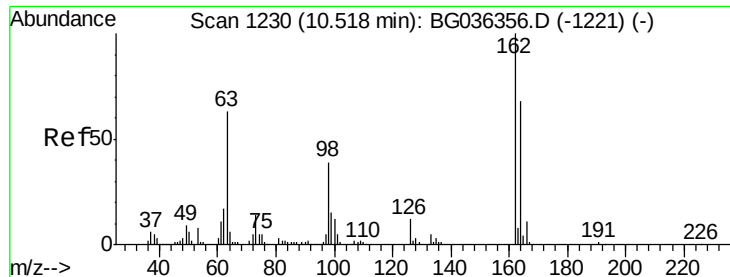
Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.4	96.0	144.0
121	60.3	48.2	72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.835 ng
 RT: 10.27 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BG036585.D
 Acq: 7 Sep 2018 1:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.2	37.8
123	11.3	8.6	12.8

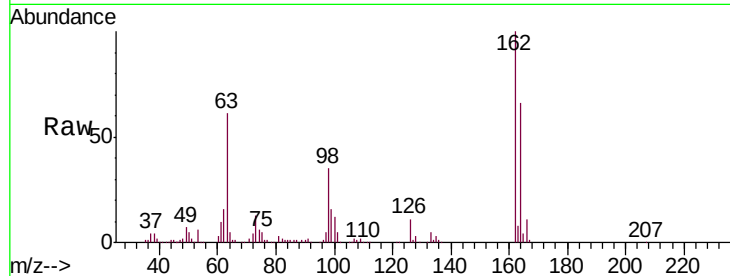




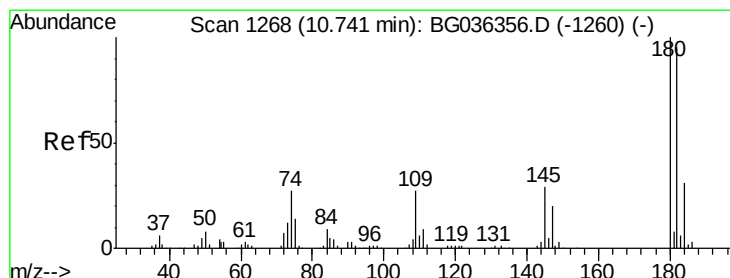
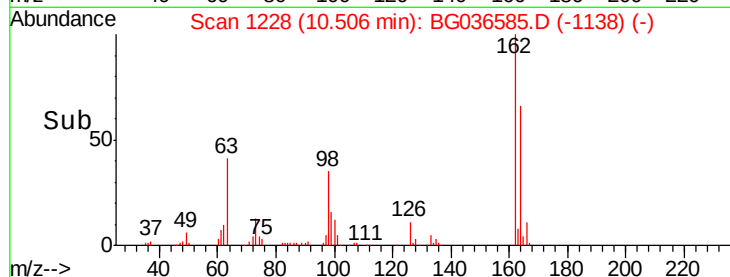
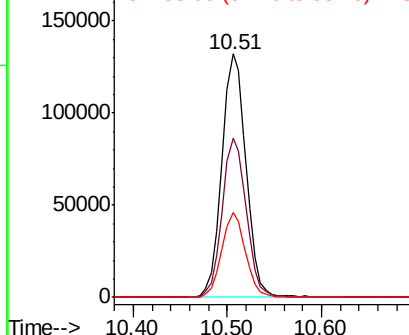
#29
 2,4-Dichlorophenol
 Concen: 60.413 ng
 RT: 10.51 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BG036585.D
 Acq: 7 Sep 2018 1:21

Instrument :
 BNA_G
 ClientSampleId :
 PB112644BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	47.6	87.6
98	34.6	19.2	59.2

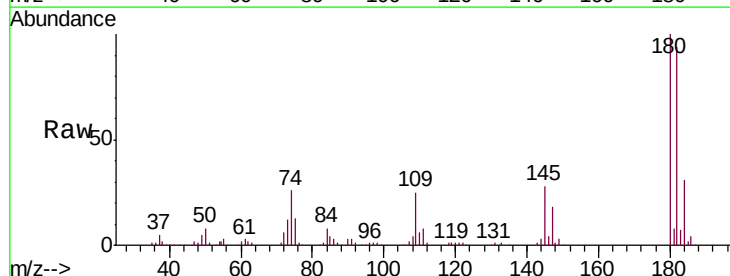


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

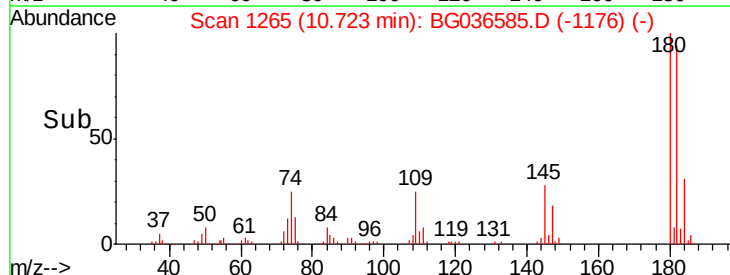
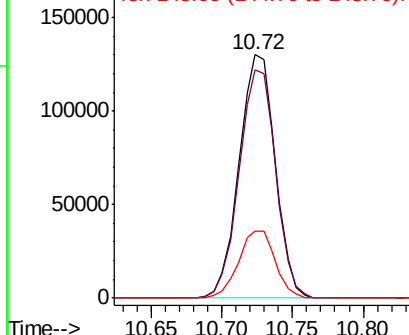


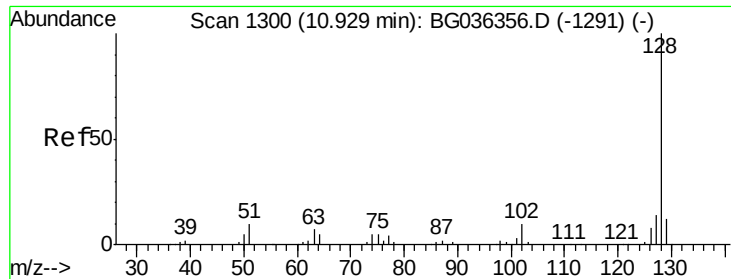
#30
 1,2,4-Trichlorobenzene
 Concen: 50.596 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BG036585.D
 Acq: 7 Sep 2018 1:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.0	114.0
145	27.7	22.9	34.3



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

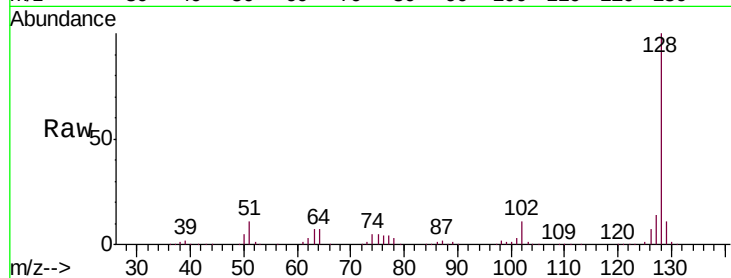




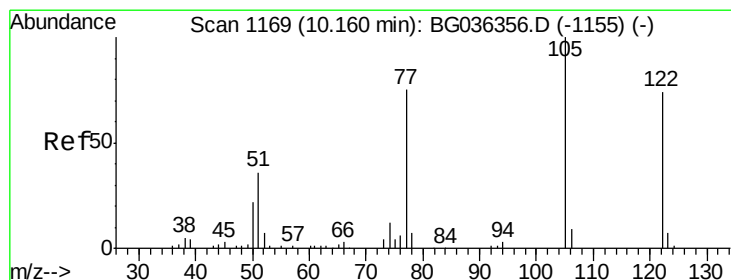
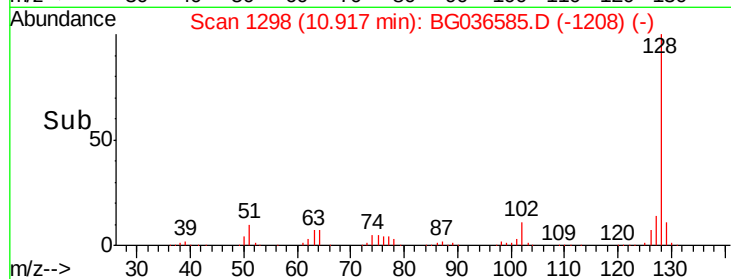
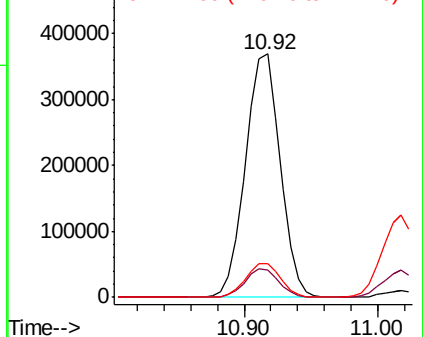
#31
Naphthalene
Concen: 53.897 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG036585.D
Acq: 7 Sep 2018 1:21

Instrument :
BNA_G
ClientSampleId :
PB112644BS

Tgt Ion:128 Resp: 662649
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.7 11.0 16.4

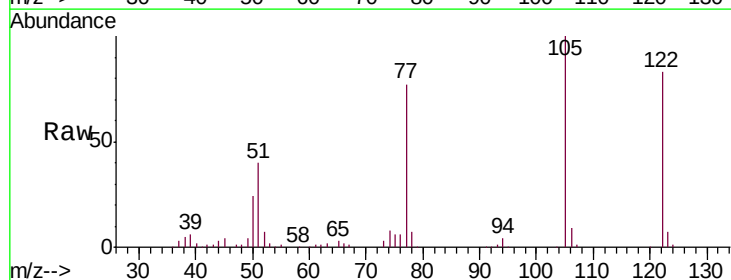


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

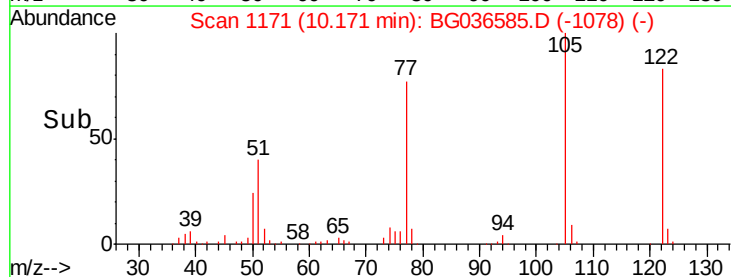
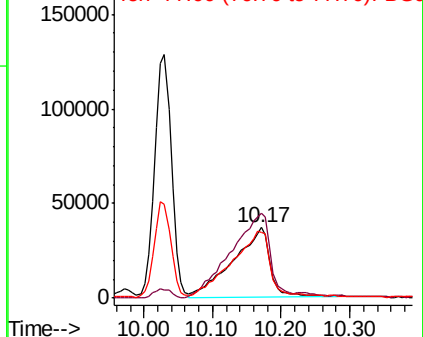


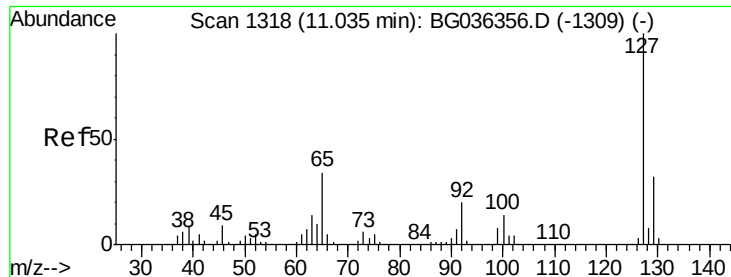
#32
Benzoic acid
Concen: 51.411 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.02 min
Lab File: BG036585.D
Acq: 7 Sep 2018 1:21

Tgt Ion:122 Resp: 137622
Ion Ratio Lower Upper
122 100
105 120.6 108.1 148.1
77 93.2 76.3 116.3



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

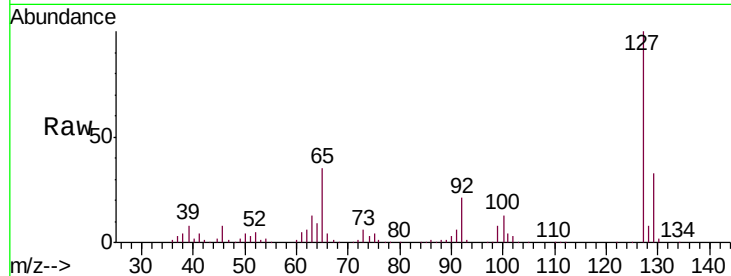




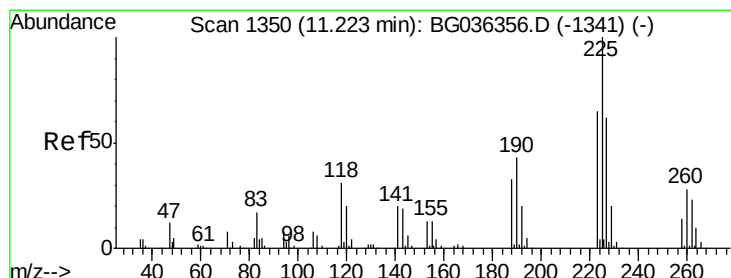
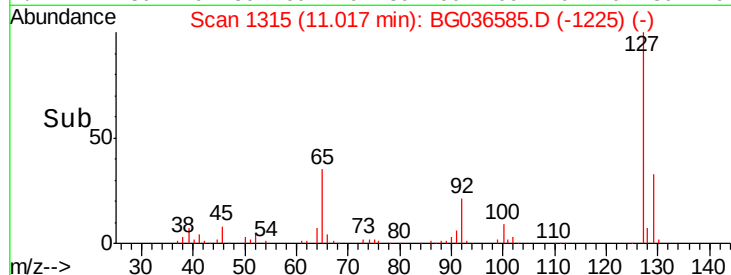
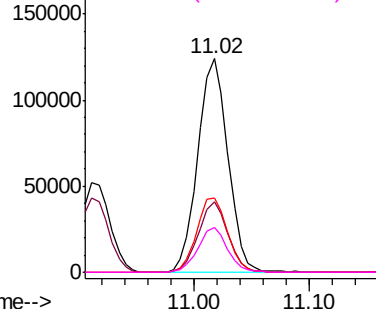
#33
4-Chloroaniline
Concen: 39.789 ng
RT: 11.02 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG036585.D
Acq: 7 Sep 2018 1:21

Instrument :
BNA_G
ClientSampleId :
PB112644BS

Tgt Ion:	127	Resp:	224168
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	35.0	27.5	41.3
92	21.0	16.2	24.2

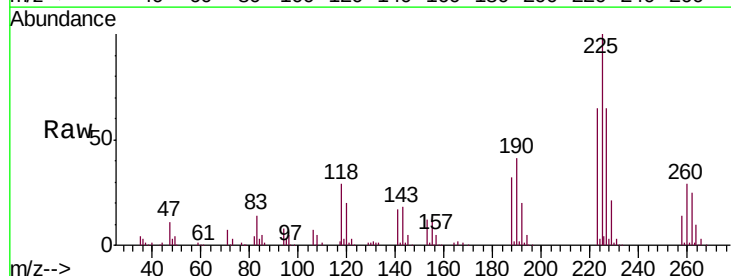


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

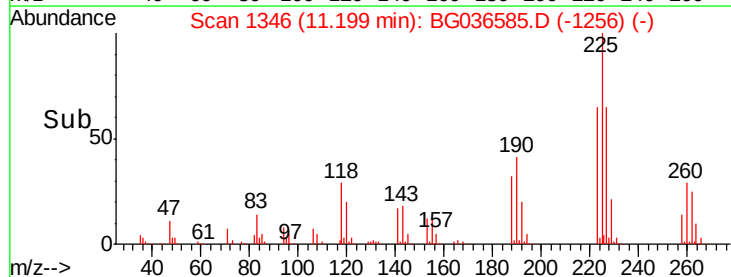
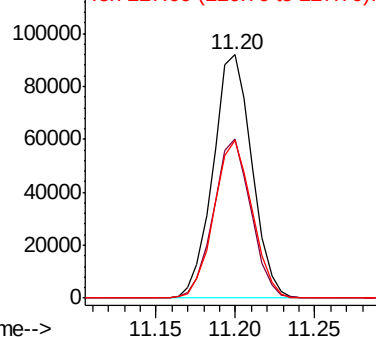


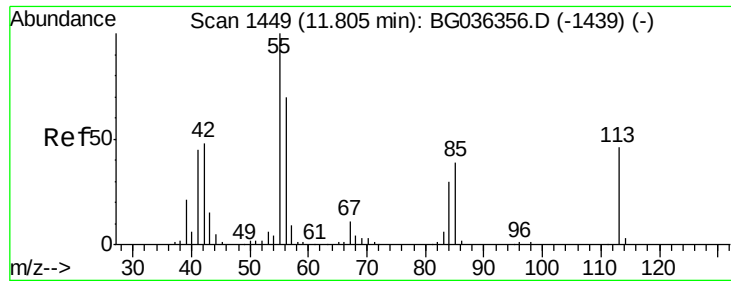
#34
Hexachlorobutadiene
Concen: 50.589 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG036585.D
Acq: 7 Sep 2018 1:21

Tgt Ion:	225	Resp:	156277
Ion	Ratio	Lower	Upper
225	100		
223	65.4	51.8	77.8
227	64.8	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

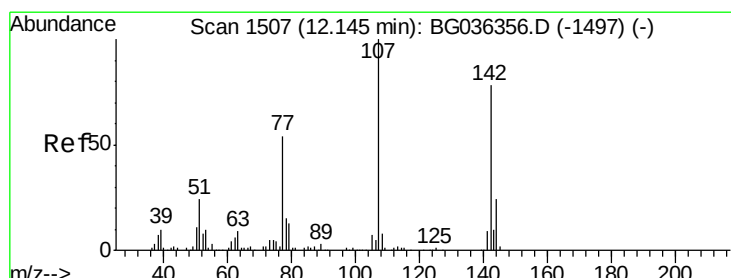
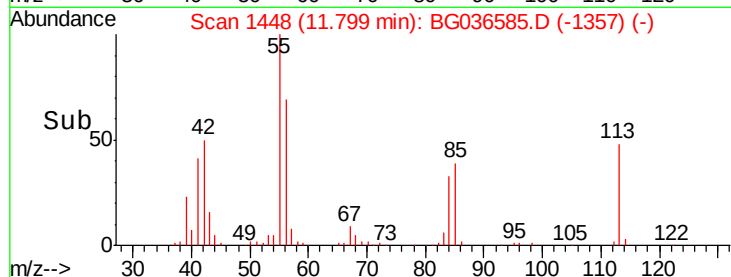
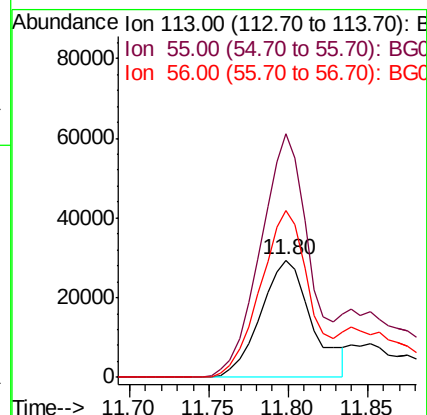
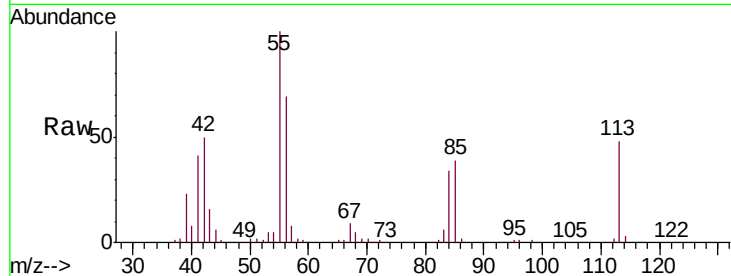




#35
 Caprolactam
 Concen: 42.141 ng
 RT: 11.80 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BG036585.D
 Acq: 7 Sep 2018 1:21

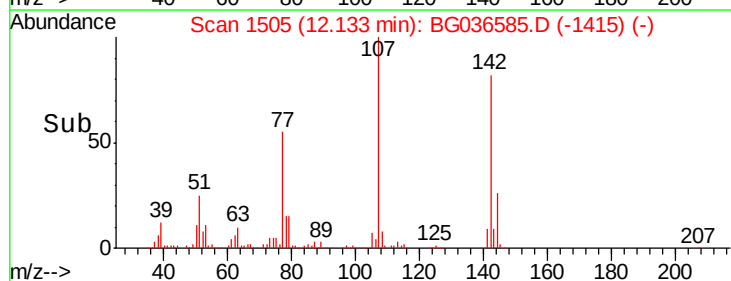
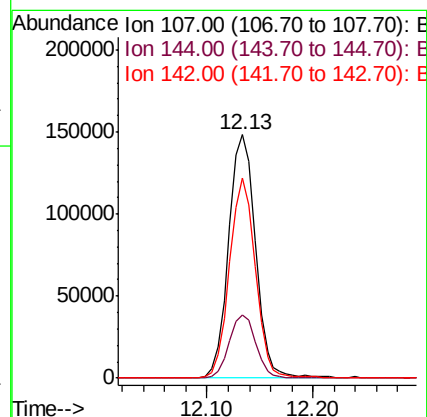
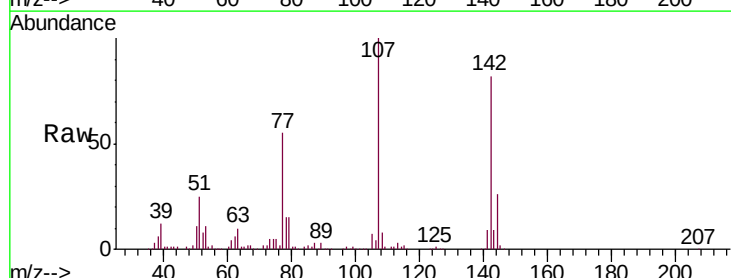
Instrument :
 BNA_G
 ClientSampleId :
 PB112644BS

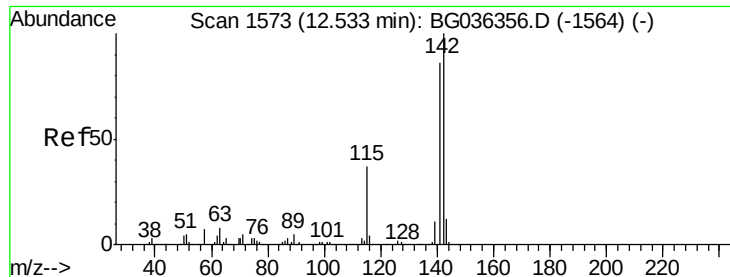
Tgt Ion:113 Resp: 65979
 Ion Ratio Lower Upper
 113 100
 55 207.2 197.7 237.7
 56 142.3 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 57.397 ng
 RT: 12.13 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BG036585.D
 Acq: 7 Sep 2018 1:21

Tgt Ion:107 Resp: 262121
 Ion Ratio Lower Upper
 107 100
 144 26.0 19.5 29.3
 142 82.4 62.4 93.6

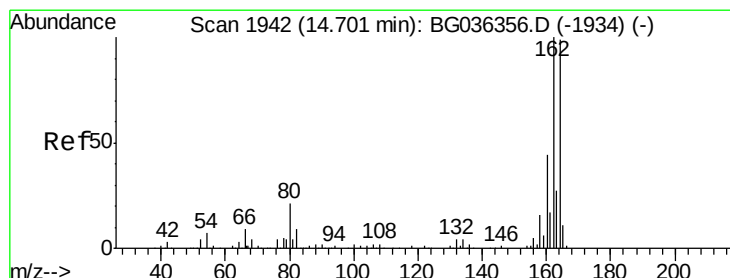
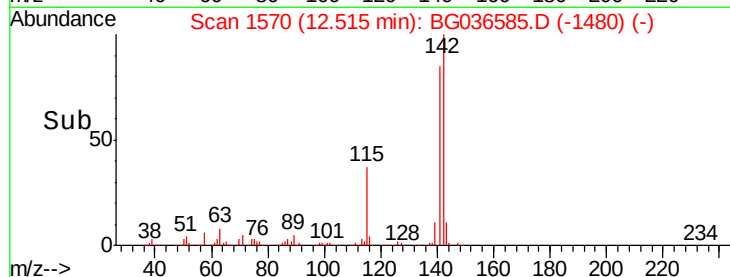
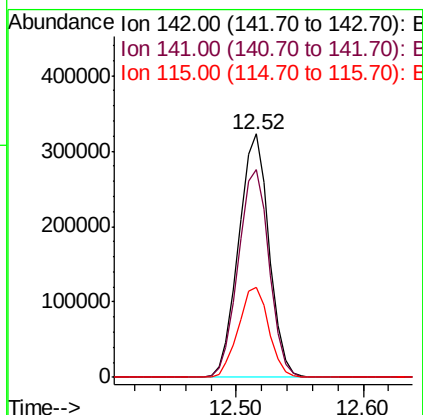
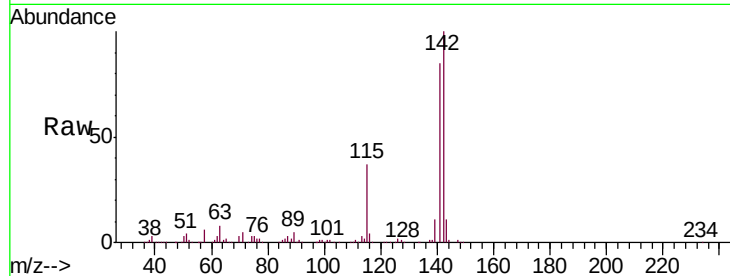




#37
 2-Methylnaphthalene
 Concen: 59.454 ng
 RT: 12.52 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BG036585.D
 Acq: 7 Sep 2018 1:21

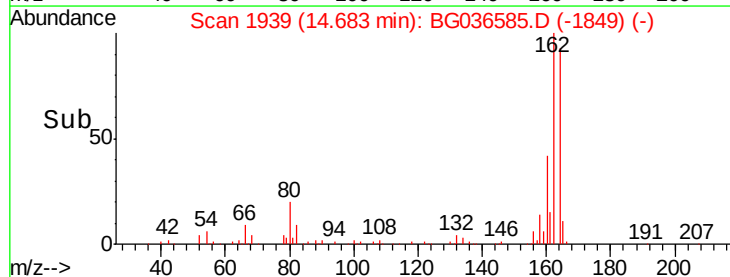
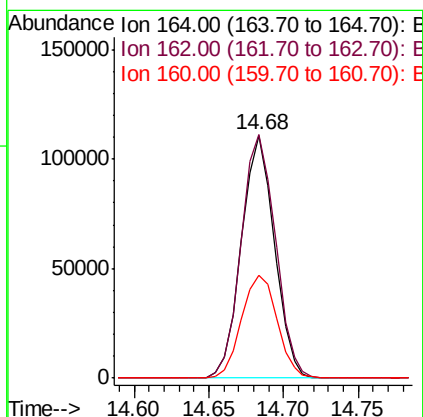
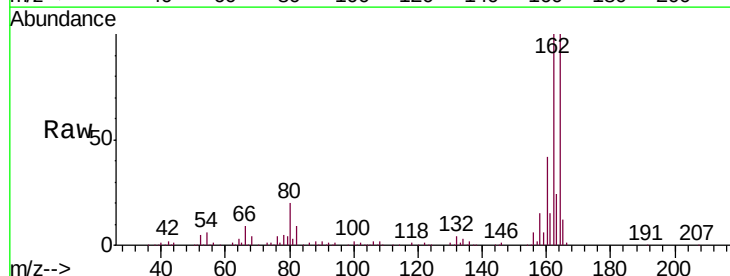
Instrument :
 BNA_G
 ClientSampleId :
 PB112644BS

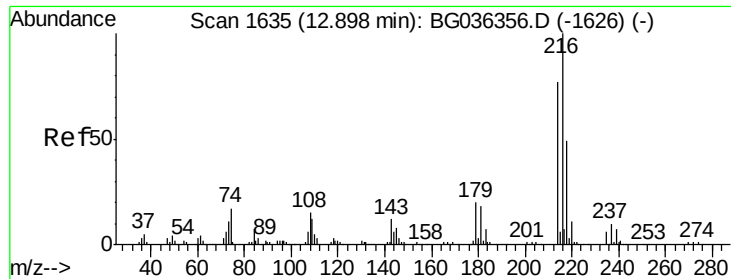
Tgt Ion:142 Resp: 534856
 Ion Ratio Lower Upper
 142 100
 141 85.3 68.5 102.7
 115 37.2 29.8 44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG036585.D
 Acq: 7 Sep 2018 1:21

Tgt Ion:164 Resp: 169539
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.7 121.1
 160 42.2 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.256 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG036585.D

Acq: 7 Sep 2018 1:21

Instrument :

BNA_G

ClientSampleId :

PB112644BS

Tgt Ion:216 Resp: 307523

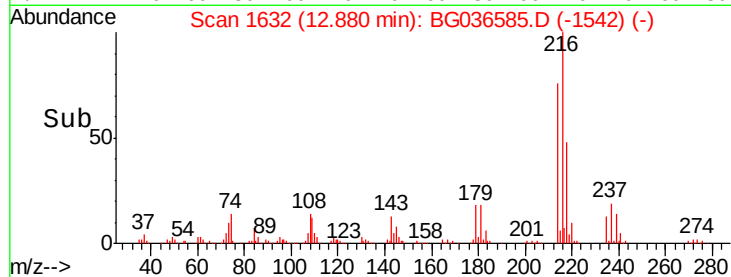
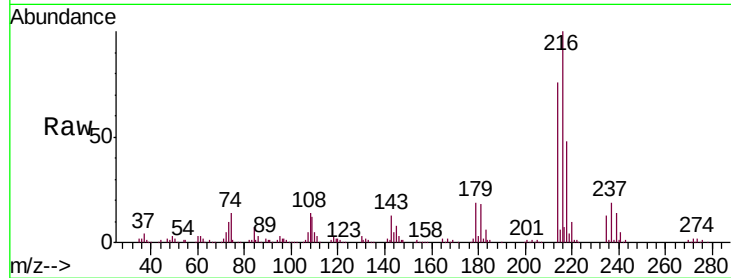
Ion Ratio Lower Upper

216 100

214 77.1 61.0 91.6

179 19.1 15.7 23.5

108 17.8 13.1 19.7

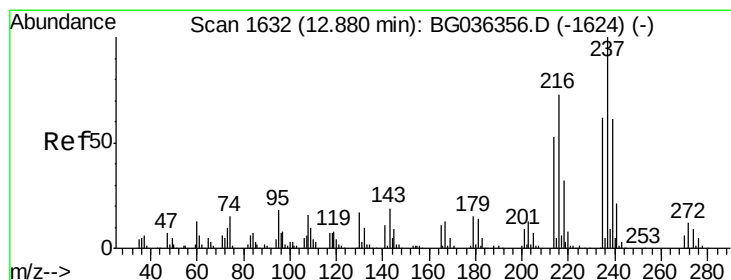
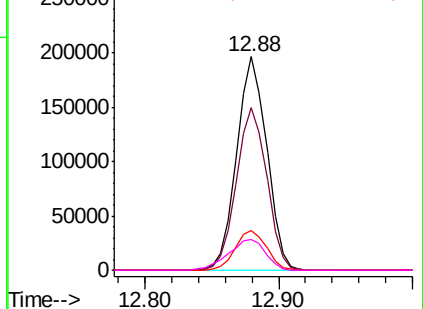


Abundance Ion 216.00 (215.70 to 216.70): E

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: 119.834 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BG036585.D

Acq: 7 Sep 2018 1:21

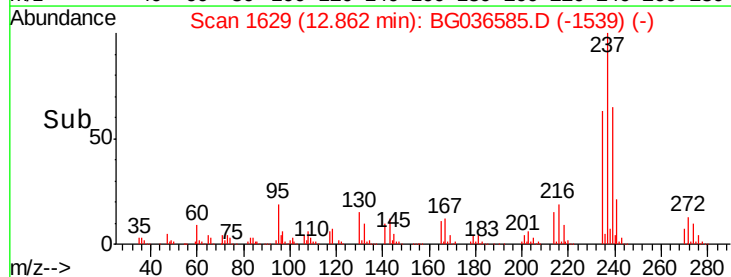
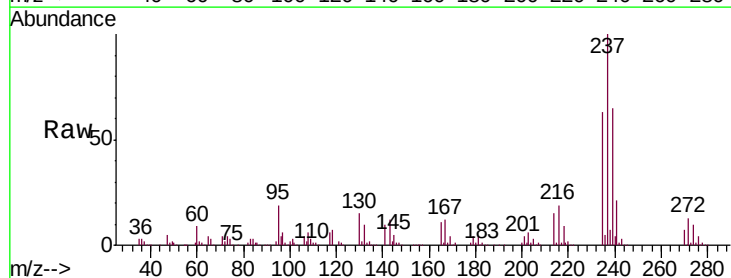
Tgt Ion:237 Resp: 374086

Ion Ratio Lower Upper

237 100

235 63.5 42.2 82.2

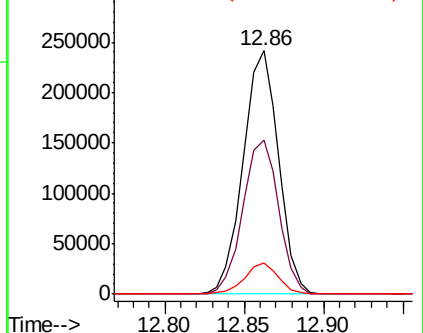
272 13.0 0.0 32.1

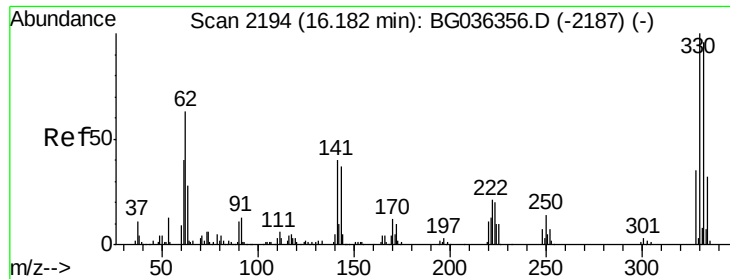


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

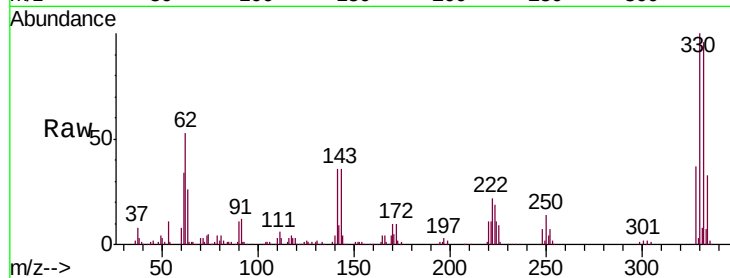




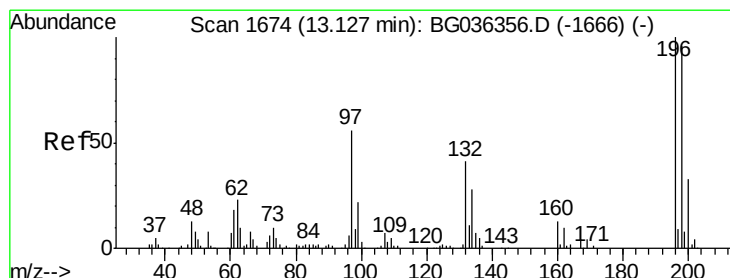
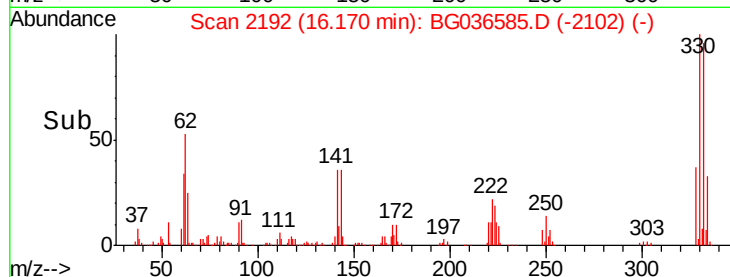
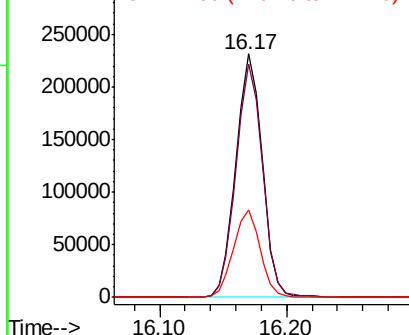
#41
 2,4,6-Tribromophenol
 Concen: 164.808 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036585.D
 Acq: 7 Sep 2018 1:21

Instrument :
 BNA_G
 ClientSampleId :
 PB112644BS

Tgt Ion:330 Resp: 333403
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.4 113.2
 141 36.4 30.7 46.1

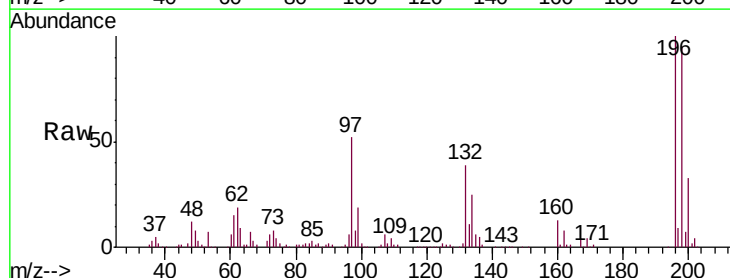


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

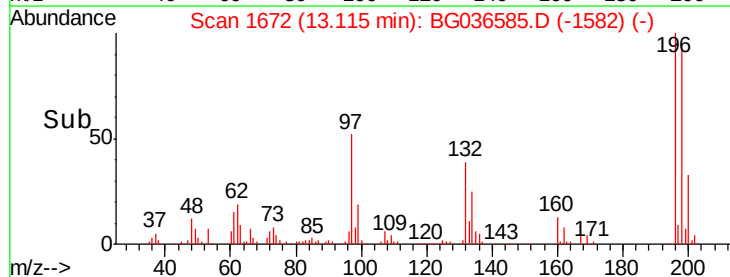
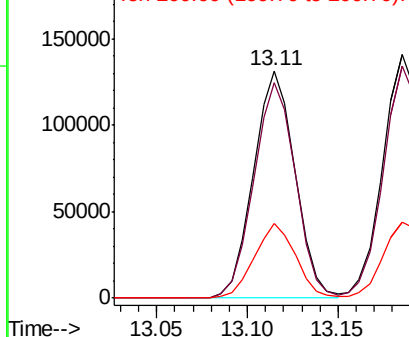


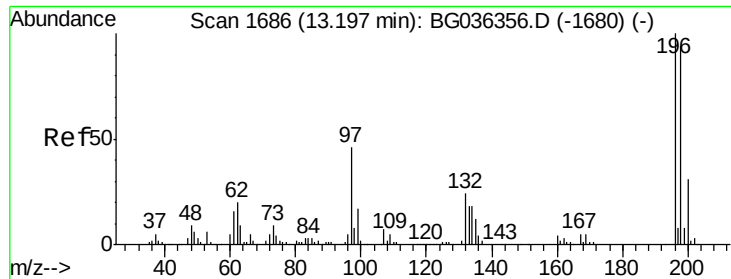
#42
 2,4,6-Trichlorophenol
 Concen: 57.250 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BG036585.D
 Acq: 7 Sep 2018 1:21

Tgt Ion:196 Resp: 209235
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.2 115.8
 200 32.8 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

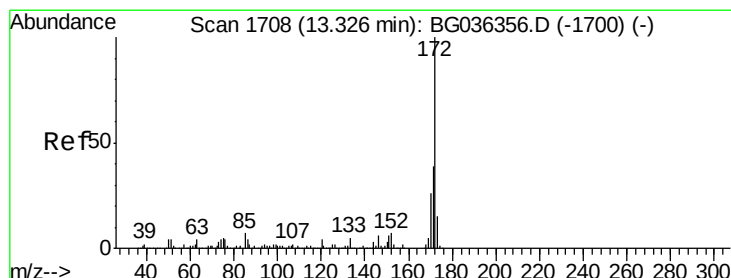
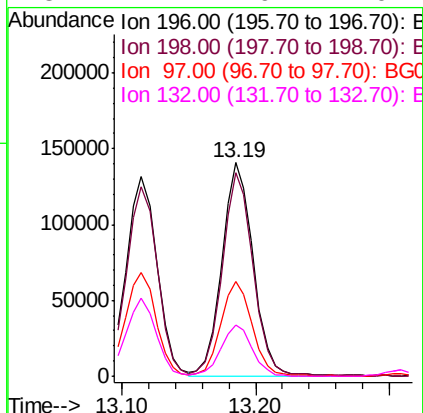
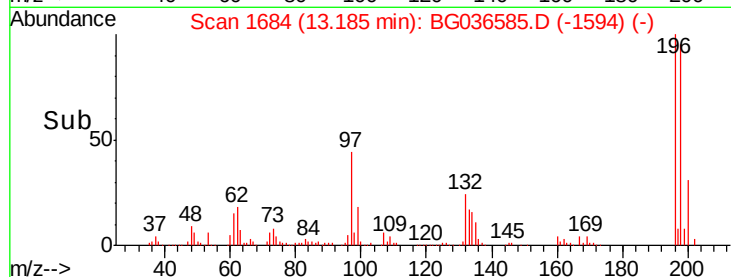
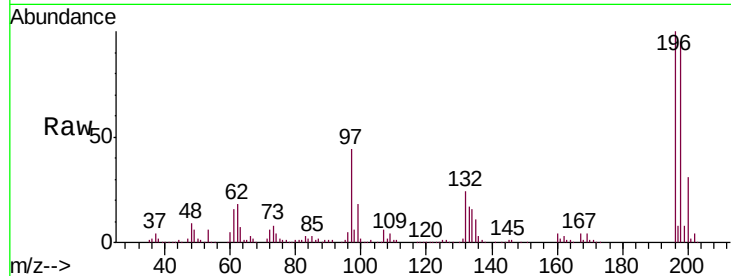




#43
 2,4,5-Trichlorophenol
 Concen: 59.133 ng
 RT: 13.19 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG036585.D
 Acq: 7 Sep 2018 1:21

Instrument :
 BNA_G
 ClientSampleId :
 PB112644BS

Tgt Ion	Resp	Lower	Upper
196	230512		
198	95.4	75.6	113.4
97	44.5	37.2	55.8
132	24.1	19.4	29.2



#44
 2-Fluorobiphenyl
 Concen: 91.034 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036585.D
 Acq: 7 Sep 2018 1:21

Tgt Ion	Resp	Lower	Upper
172	1080939		
171	40.0	31.3	46.9
170	26.6	21.0	31.6

