

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038361.D
 Acq On : 5 Dec 2018 15:39
 Operator : JU/SJ
 Sample : PB115249BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 05 16:27:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	32287	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	162593	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	76399	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	195238	20.00	ng	0.00
76) Chrysene-d12	21.74	240	187542	20.00	ng	0.00
87) Perylene-d12	25.04	264	200015	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	158827	87.05	ng	0.00
7) Phenol-d6	7.22	99	206896	78.46	ng	0.00
23) Nitrobenzene-d5	9.25	82	126177	38.53	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	88704	94.58	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	299525	55.86	ng	0.00
79) Terphenyl-d14	20.06	244	539675	61.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	15717	18.796	ng	# 89
3) Pyridine	3.90	79	66734	26.676	ng	98
4) n-Nitrosodimethylamine	3.83	42	36886	33.661	ng	96
6) Aniline	7.40	93	42616	12.653	ng	98
8) 2-Chlorophenol	7.63	128	58145	27.441	ng	98
9) Benzaldehyde	7.21	77	30481	18.254	ng	93
10) Phenol	7.25	94	77133	27.684	ng	93
11) bis(2-Chloroethyl)ether	7.49	93	53930	23.634	ng	98
12) 1,3-Dichlorobenzene	7.96	146	73005	29.479	ng	97
13) 1,4-Dichlorobenzene	8.11	146	66568	25.979	ng	99
14) 1,2-Dichlorobenzene	8.42	146	73788	29.057	ng	98
15) Benzyl Alcohol	8.31	79	69313	31.971	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	136393	26.279	ng	97
17) 2-Methylphenol	8.51	107	61396	30.005	ng	98
18) Hexachloroethane	9.15	117	23251	25.141	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	51067	25.746	ng	95
20) 3+4-Methylphenols	8.83	107	83728	29.829	ng	97
22) Acetophenone	8.90	105	91933	22.271	ng	# 94
24) Nitrobenzene	9.29	77	68224	20.504	ng	96
25) Isophorone	9.80	82	130852	22.736	ng	100
26) 2-Nitrophenol	10.00	139	32243	20.914	ng	94
27) 2,4-Dimethylphenol	10.04	122	59967	27.081	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	76593	23.215	ng	95
29) 2,4-Dichlorophenol	10.53	162	62112	24.572	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	97551	32.876	ng	100
31) Naphthalene	10.94	128	269608	34.714	ng	100
32) Benzoic acid	10.17	122	25372	19.297	ng	91
33) 4-Chloroaniline	11.07	127	35087	10.205	ng	97
34) Hexachlorobutadiene	11.20	225	50903	27.421	ng	96
35) Caprolactam	11.83	113	38891	37.206	ng	93
36) 4-Chloro-3-methylphenol	12.16	107	100384	35.743	ng	99
37) 2-Methylnaphthalene	12.54	142	145244	26.260	ng	98
38) 1-Methylnaphthalene	12.76	142	133875	25.272	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	74043	28.165	ng	99

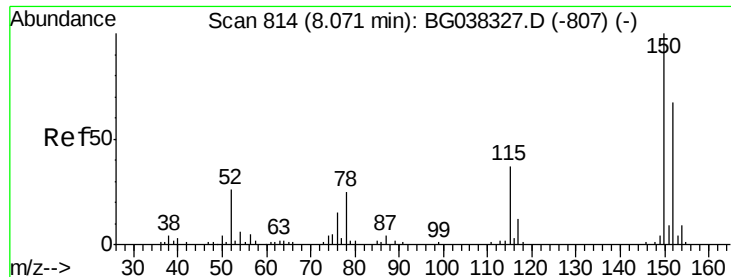
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	103163	71.409	ng	100
43) 2,4,6-Trichlorophenol	13.14	196	55223	32.428	ng	97
44) 2,4,5-Trichlorophenol	13.21	196	61580	34.134	ng	97
46) 1,1'-Biphenyl	13.54	154	179329	27.769	ng	98
47) 2-Chloronaphthalene	13.59	162	144465	29.645	ng	98
48) 2-Nitroaniline	13.80	65	51745	31.650	ng	98
49) Acenaphthylene	14.43	152	243808	33.220	ng	98
50) Dimethylphthalate	14.16	163	201421	32.870	ng	98
51) 2,6-Dinitrotoluene	14.29	165	44047	31.467	ng	94
52) Acenaphthene	14.77	154	137990	30.841	ng	99
53) 3-Nitroaniline	14.62	138	21958	14.565	ng	# 98
54) 2,4-Dinitrophenol	14.83	184	47363	61.725	ng	90
55) Dibenzofuran	15.10	168	231964	31.360	ng	96
56) 4-Nitrophenol	14.92	139	76025	63.839	ng	90
57) 2,4-Dinitrotoluene	15.07	165	64777	33.552	ng	# 94
58) Fluorene	15.76	166	185302	34.003	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	54892	35.033	ng	97
60) Diethylphthalate	15.51	149	212127	31.246	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	100458	30.690	ng	99
62) 4-Nitroaniline	15.78	138	48288	32.566	ng	90
63) Azobenzene	16.03	77	191750	32.273	ng	94
65) 4,6-Dinitro-2-methylphenol	15.83	198	37365	29.209	ng	98
66) n-Nitrosodiphenylamine	15.96	169	172208	31.367	ng	99
67) 4-Bromophenyl-phenylether	16.64	248	64101	30.403	ng	96
68) Hexachlorobenzene	16.75	284	68937	31.700	ng	98
69) Atrazine	16.90	200	69182	33.770	ng	98
70) Pentachlorophenol	17.10	266	77230	51.848	ng	95
71) Phenanthrene	17.50	178	328311	33.579	ng	98
72) Anthracene	17.59	178	335821	35.467	ng	99
73) Carbazole	17.86	167	305963	32.558	ng	98
74) Di-n-butylphthalate	18.39	149	372735	33.951	ng	98
75) Fluoranthene	19.50	202	406067	35.547	ng	98
77) Benzidine	19.69	184	83451	13.186	ng	96
78) Pyrene	19.87	202	409084	31.176	ng	97
80) Butylbenzylphthalate	20.74	149	164467	31.163	ng	98
81) Benzo(a)anthracene	21.72	228	381570	33.104	ng	98
82) 3,3'-Dichlorobenzidine	21.63	252	60931	13.589	ng	95
83) Chrysene	21.78	228	350852	32.166	ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	230235	30.778	ng	98
85) Di-n-octyl phthalate	22.82	149	392703	30.616	ng	98
86) Indeno(1,2,3-cd)pyrene	28.83	276	425355	34.313	ng	# 94
88) Benzo(b)fluoranthene	23.99	252	364754	32.275	ng	98
89) Benzo(k)fluoranthene	24.06	252	357345	31.747	ng	99
90) Benzo(a)pyrene	24.89	252	361781	33.002	ng	# 98
91) Dibenzo(a,h)anthracene	28.90	278	355908	34.231	ng	98
92) Benzo(g,h,i)perylene	30.04	276	350576	33.985	ng	# 95

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

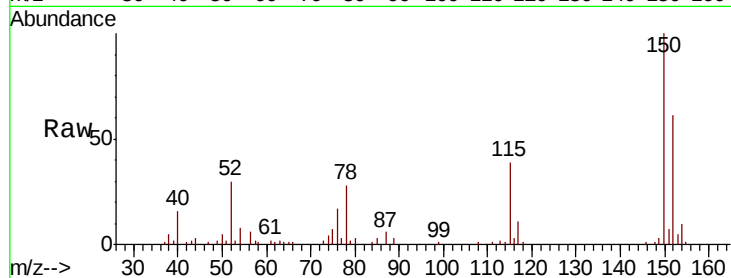


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.9	126.0	189.0
115	63.5	45.5	68.3

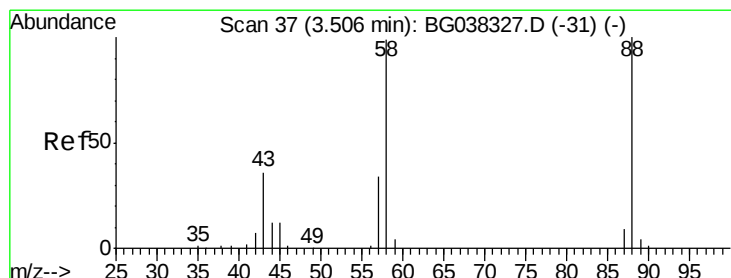
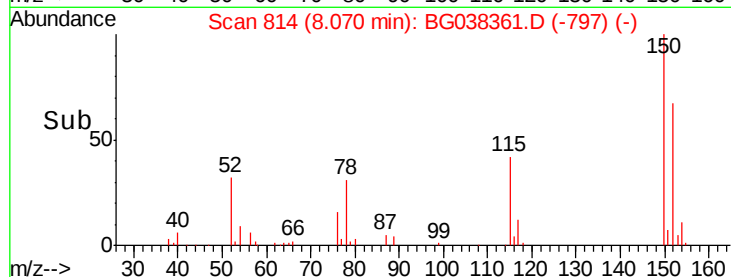
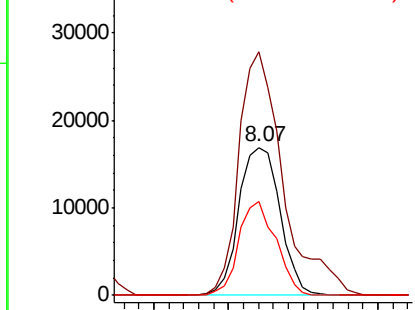


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

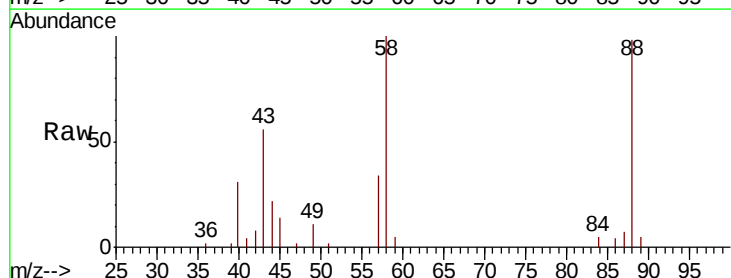
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 18.796 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.01 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.5	74.4	111.6
43	42.9	25.8	38.8

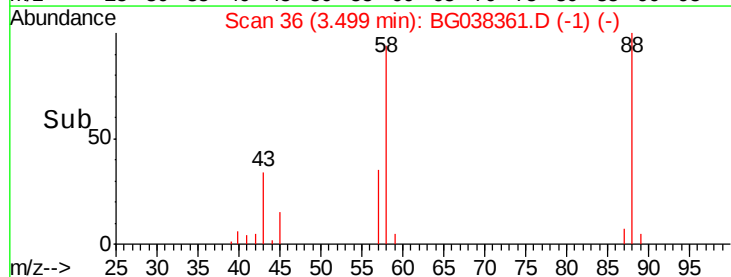
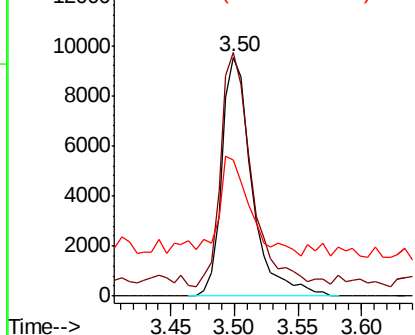


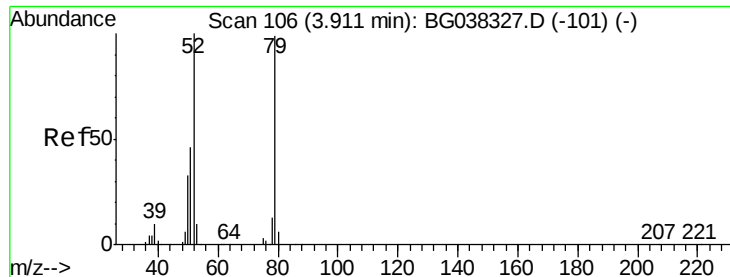
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.676 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampleId :

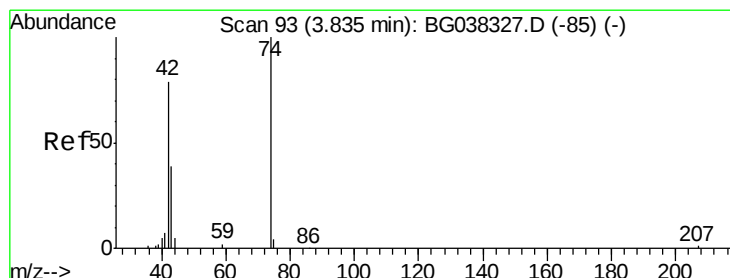
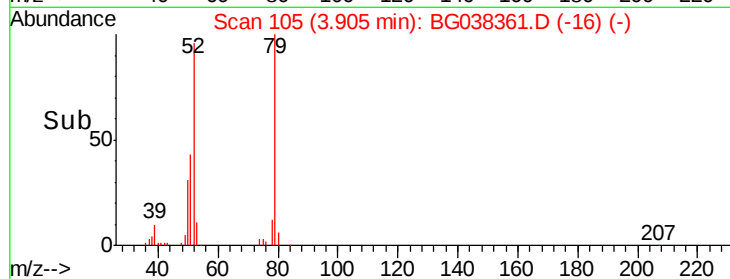
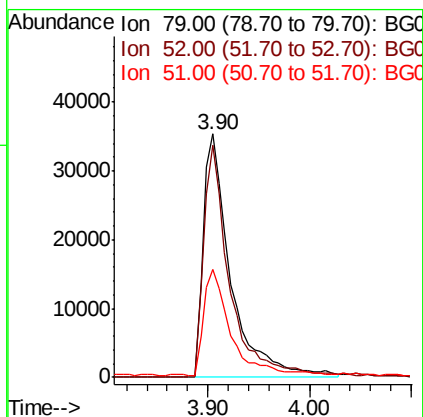
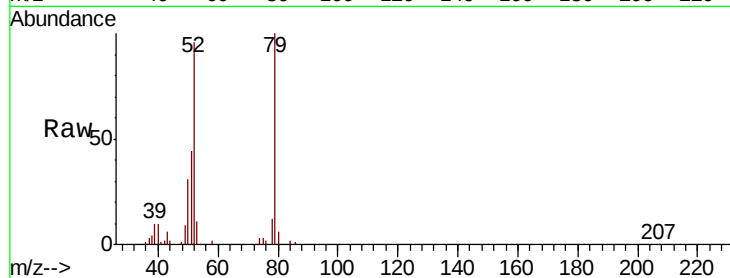
Tot Ion: 79 Resp: 66734

Ion Ratio Lower Upper

79 100

52 95.5 74.2 111.2

51 44.2 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 33.661 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

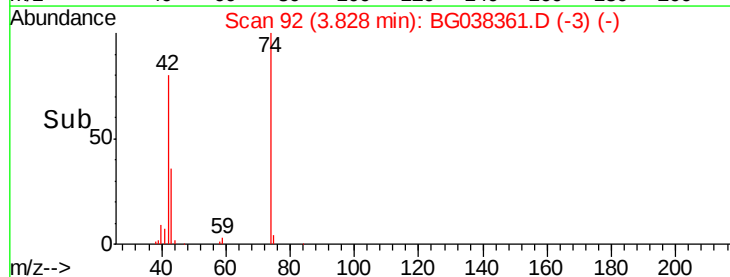
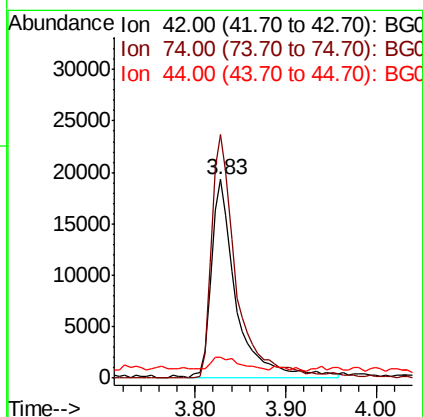
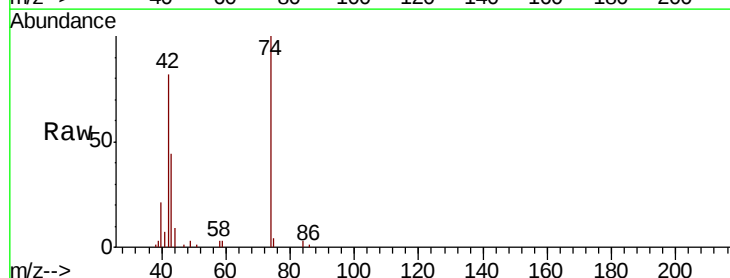
Tgt Ion: 42 Resp: 36886

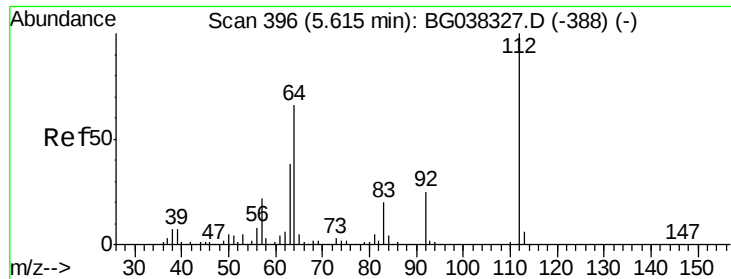
Ion Ratio Lower Upper

42 100

74 122.6 102.0 153.0

44 10.7 9.6 14.4





#5

2-Fluorophenol

Concen: 87.053 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.01 min

Lab File: BG038361.D

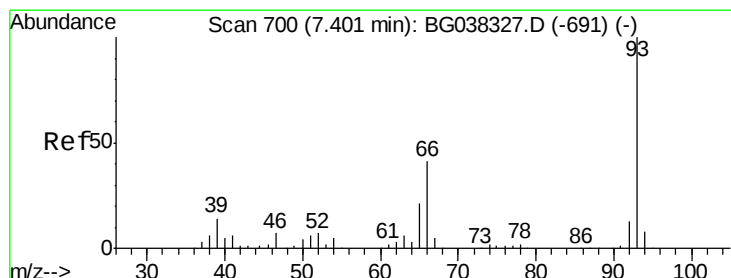
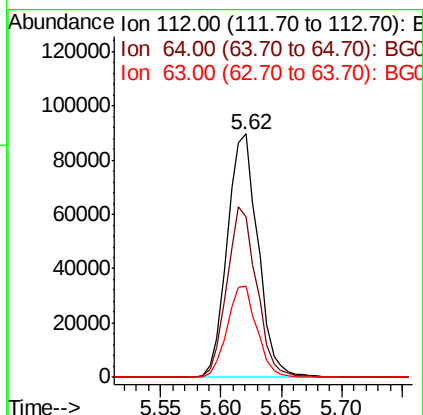
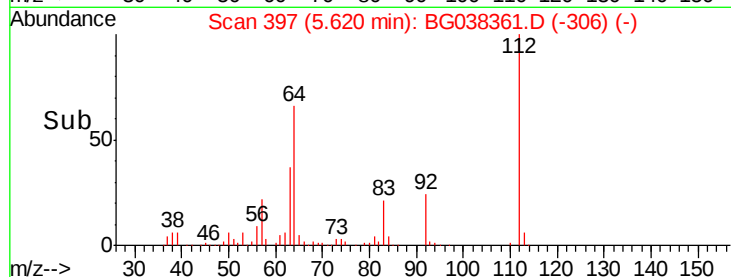
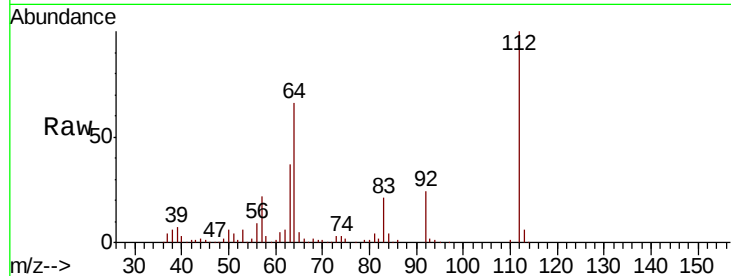
Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampled :

Tot Ion:	112	Resp:	158827
Ion	Ratio	Lower	Upper
112	100		
64	65.7	53.1	79.7
63	37.5	27.3	40.9



#6

Aniline

Concen: 12.653 ng

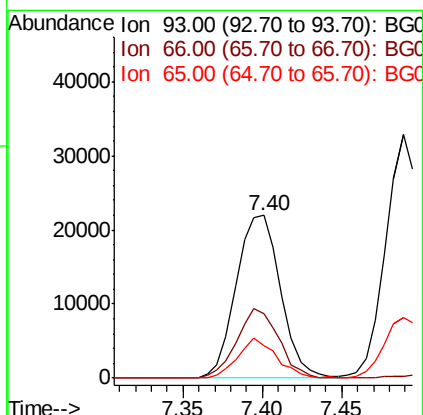
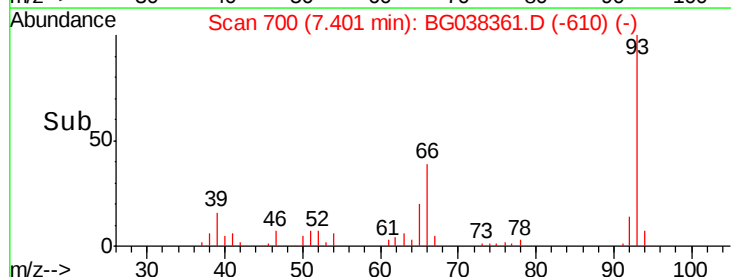
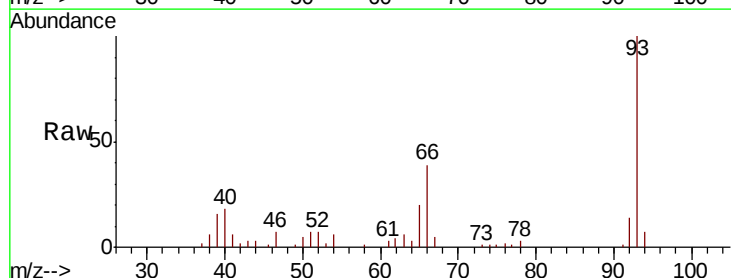
RT: 7.40 min Scan# 700

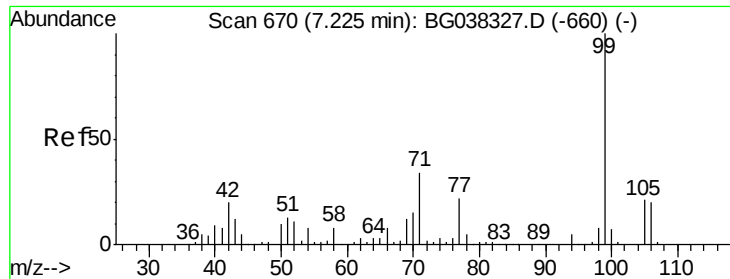
Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Tgt Ion:	93	Resp:	42616
Ion	Ratio	Lower	Upper
93	100		
66	39.3	32.8	49.2
65	19.7	16.4	24.6





#7

Phenol-d6

Concen: 78.459 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampleId :

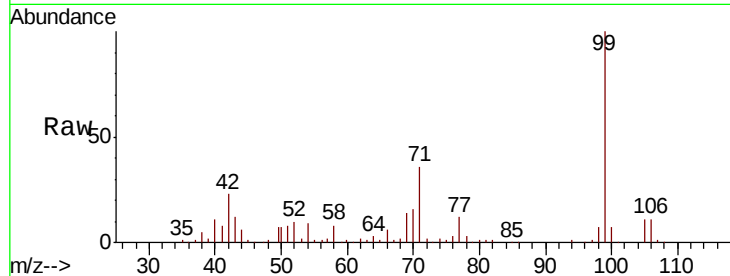
Tot Ion: 99 Resp: 206896

Ion Ratio Lower Upper

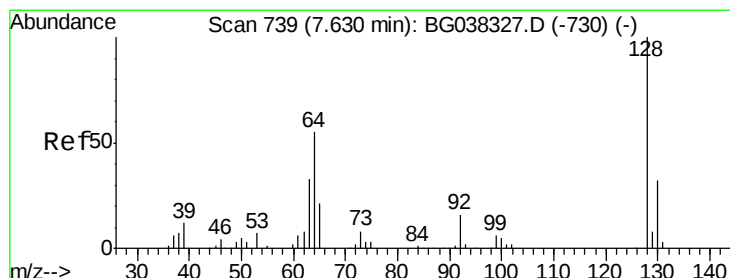
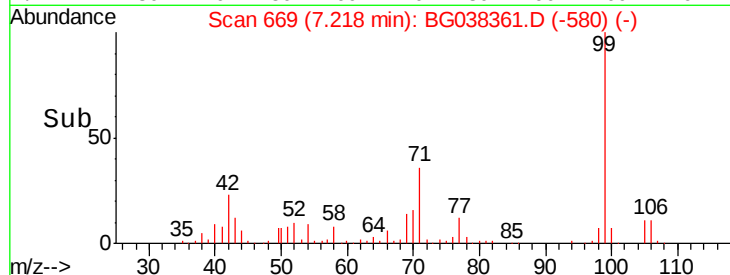
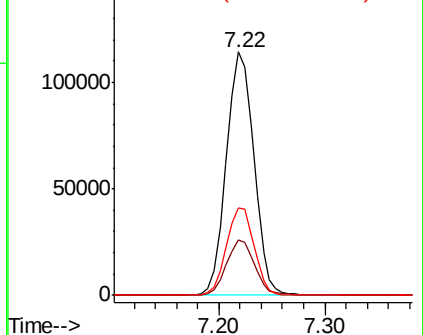
99 100

42 22.9 15.0 22.4#

71 36.1 25.5 38.3



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: 27.441 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

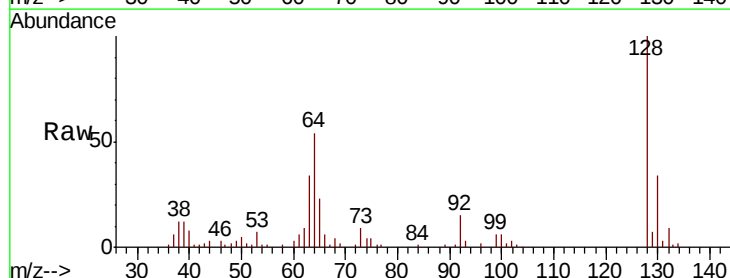
Tgt Ion: 128 Resp: 58145

Ion Ratio Lower Upper

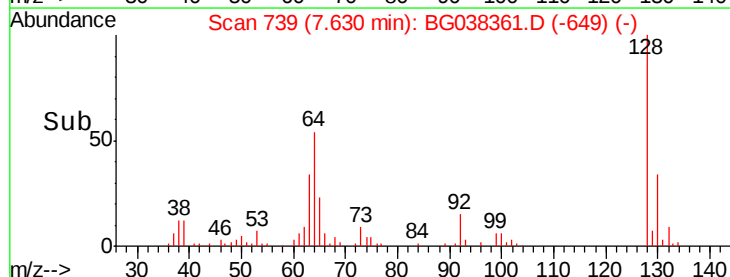
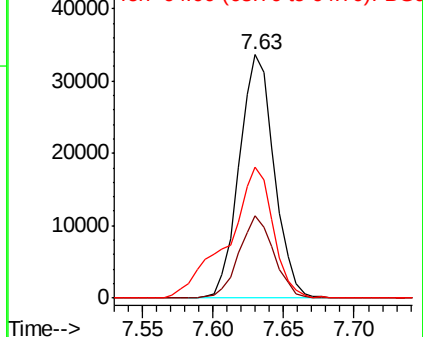
128 100

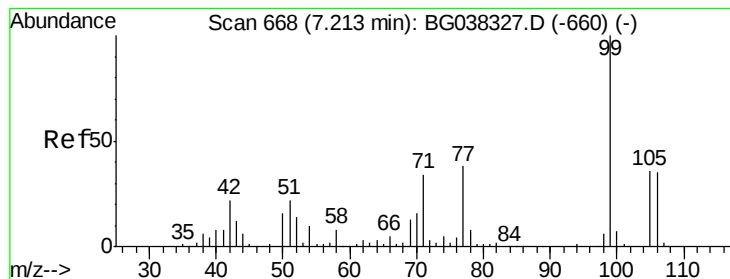
130 33.6 12.0 52.0

64 53.9 32.9 72.9



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: 18.254 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampleId :

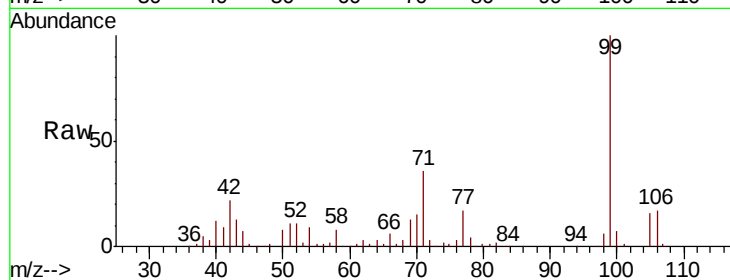
Tot Ion: 77 Resp: 30481

Ion Ratio Lower Upper

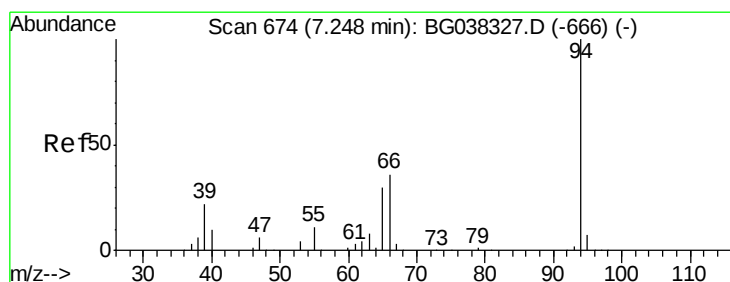
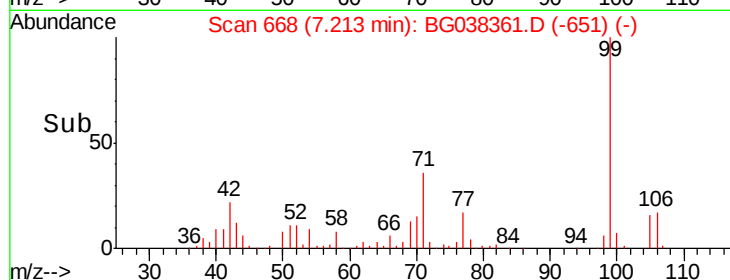
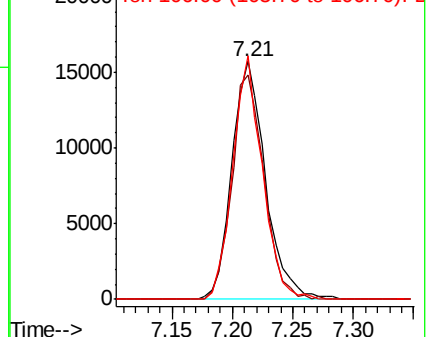
77 100

105 94.3 72.6 112.6

106 102.1 71.3 111.3



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: 27.684 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

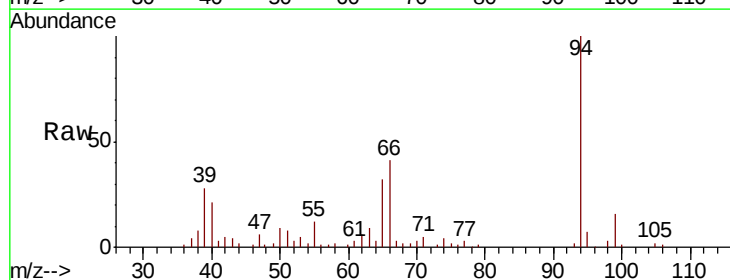
Tgt Ion: 94 Resp: 77133

Ion Ratio Lower Upper

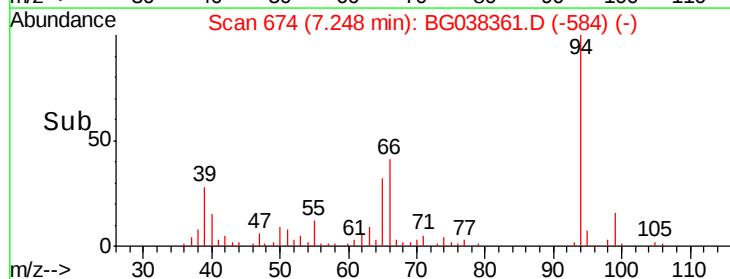
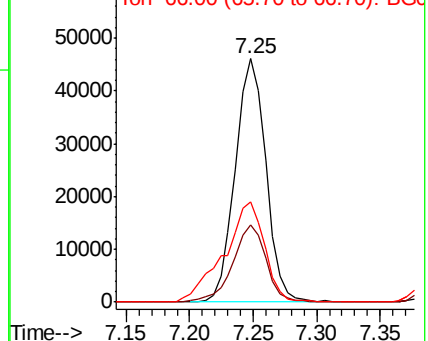
94 100

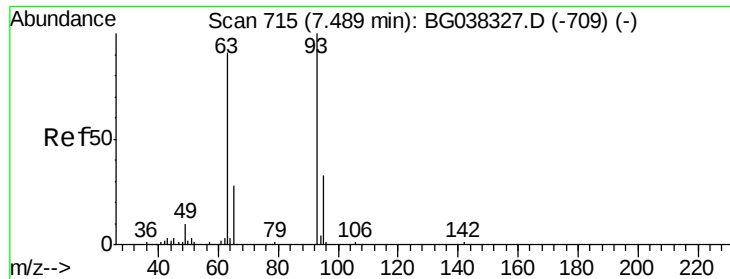
65 31.8 9.7 49.7

66 41.1 15.9 55.9



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

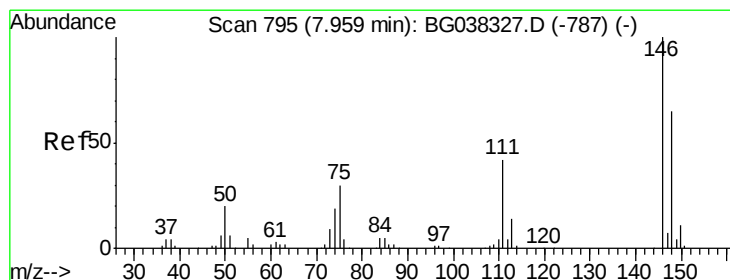
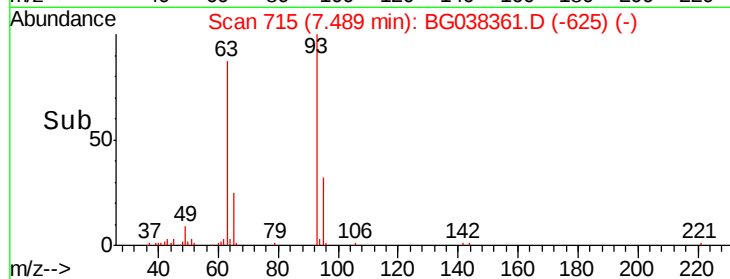
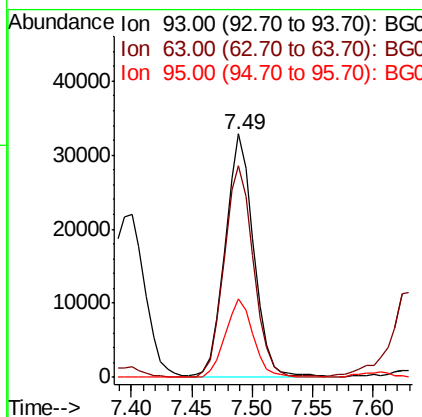
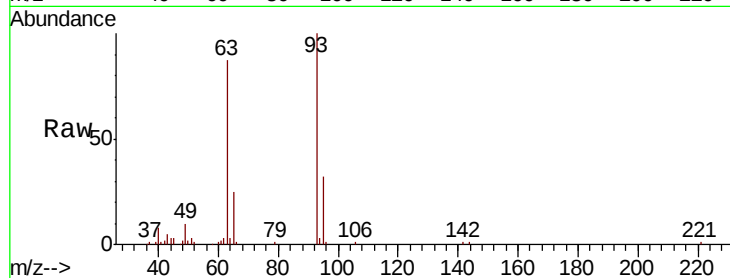




#11
 bis(2-Chloroethyl)ether
 Concen: 23.634 ng
 RT: 7.49 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

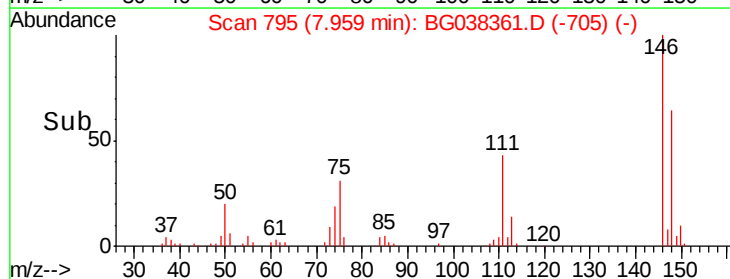
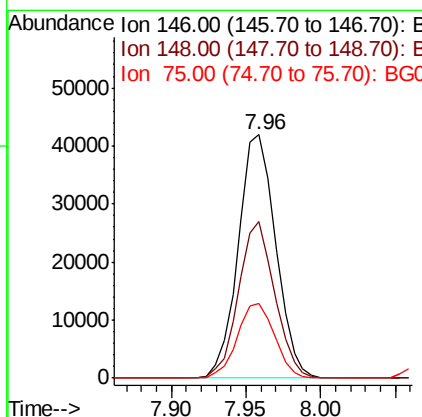
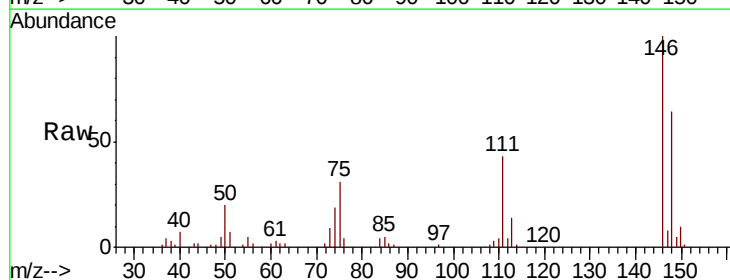
Instrument :
 BNA_G
 ClientSampleId :

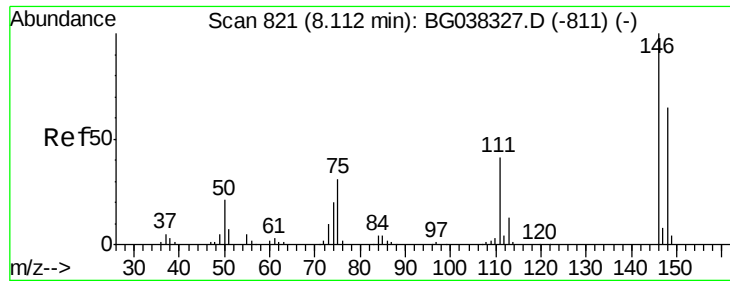
Tot Ion	93	Resp	53930
Ion	Ratio	Lower	Upper
93	100		
63	87.0	69.5	109.5
95	32.3	12.6	52.6



#12
 1,3-Dichlorobenzene
 Concen: 29.479 ng
 RT: 7.96 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

Tgt Ion	146	Resp	73005
Ion	Ratio	Lower	Upper
146	100		
148	64.4	49.8	74.8
75	30.8	23.2	34.8

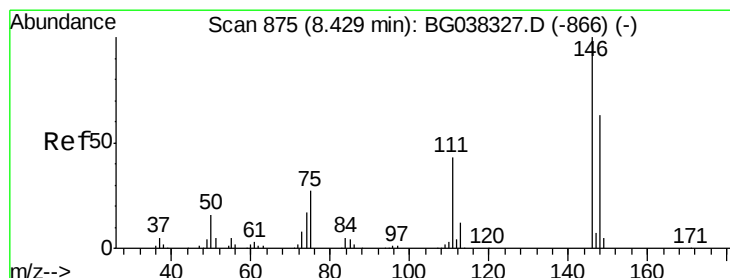
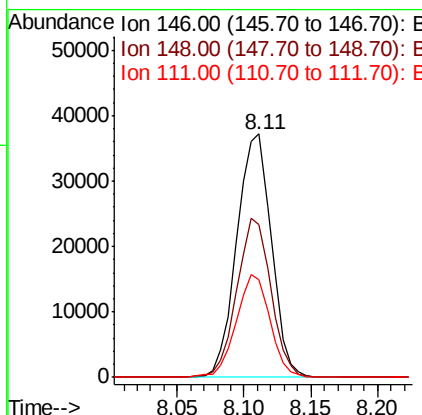
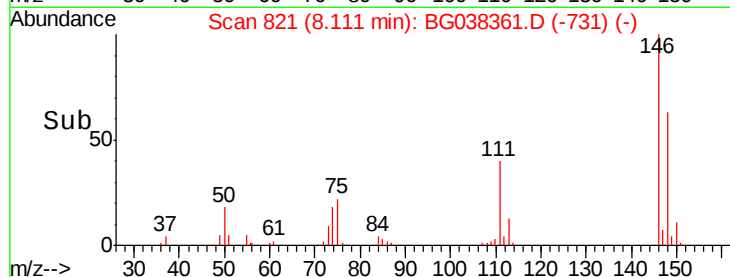
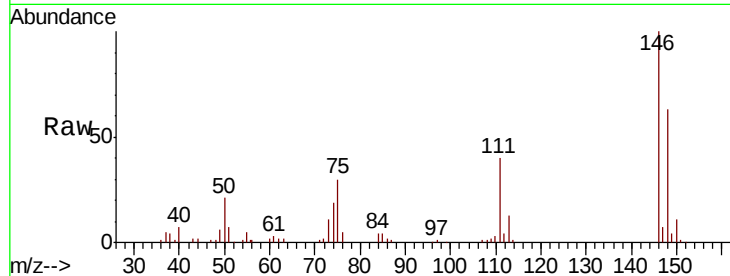




#13
 1,4-Dichlorobenzene
 Concen: 25.979 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

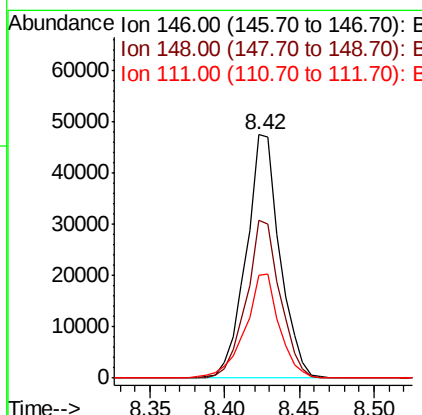
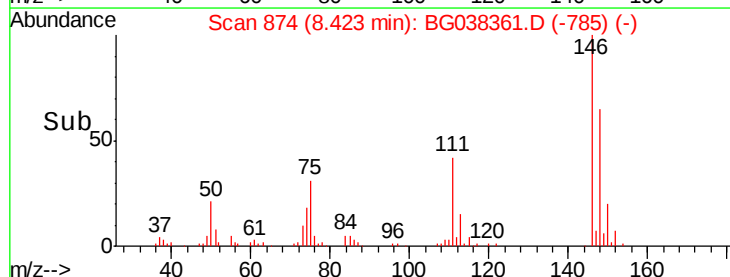
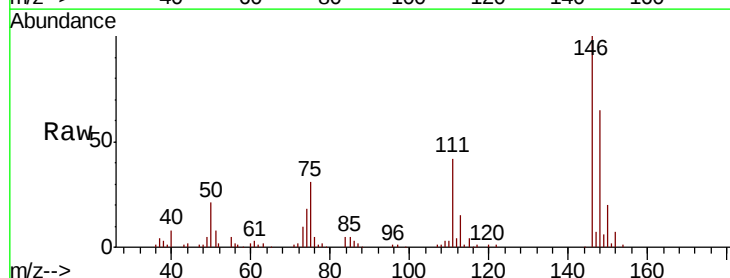
Instrument :
 BNA_G
 ClientSampled :

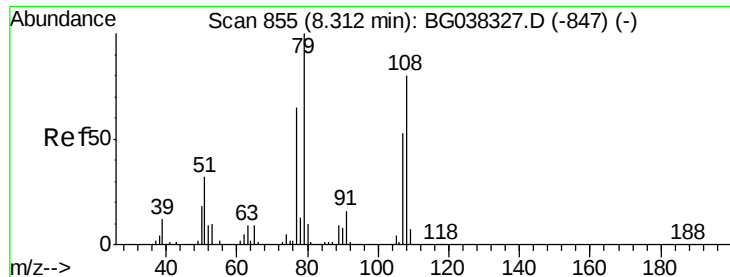
Tot Ion:146 Resp: 66568
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.0 76.6
 111 40.1 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 29.057 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

Tgt Ion:146 Resp: 73788
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.4 75.6
 111 42.1 34.6 51.8





#15

Benzyl Alcohol

Concen: 31.971 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampled :

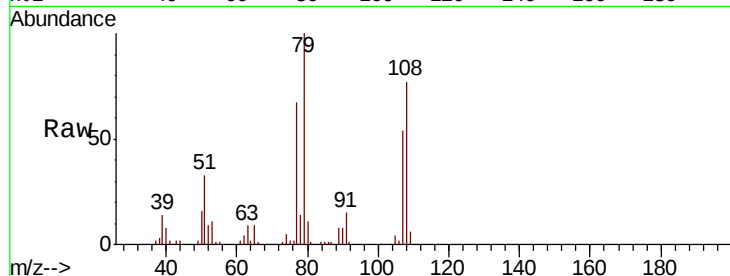
Tot Ion: 79 Resp: 69313

Ion Ratio Lower Upper

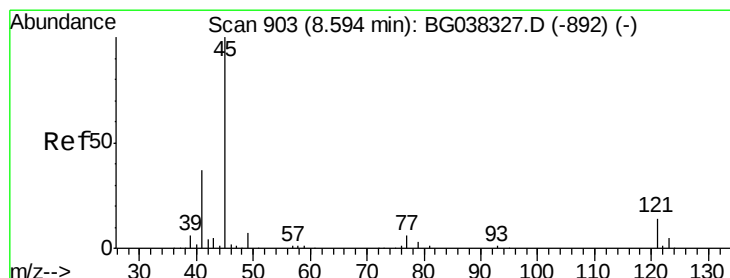
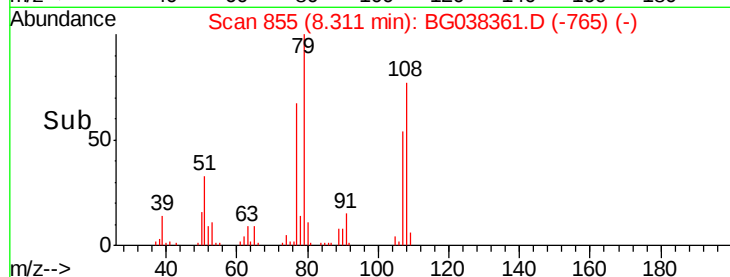
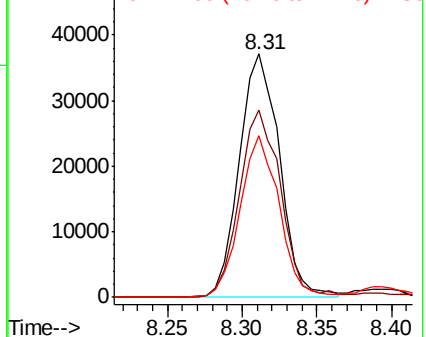
79 100

108 77.1 65.8 98.8

77 66.7 52.9 79.3



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: 26.279 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

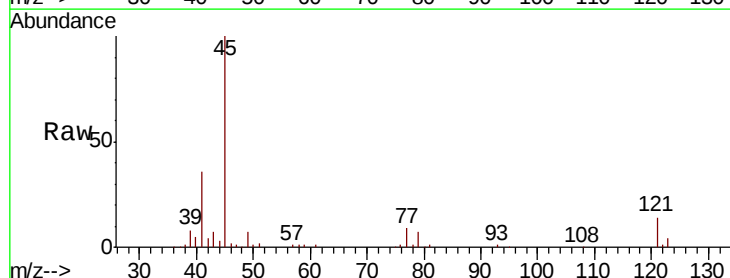
Tgt Ion: 45 Resp: 136393

Ion Ratio Lower Upper

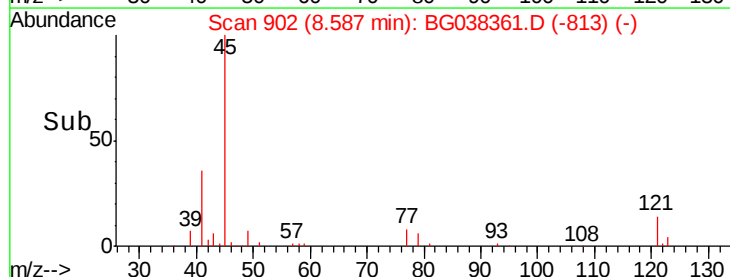
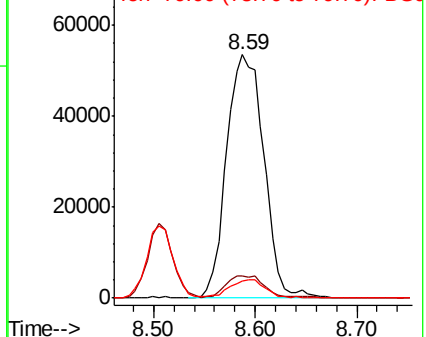
45 100

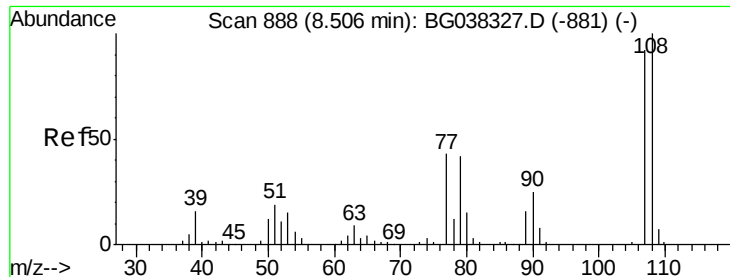
77 9.3 0.0 30.0

79 7.3 0.0 29.0



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

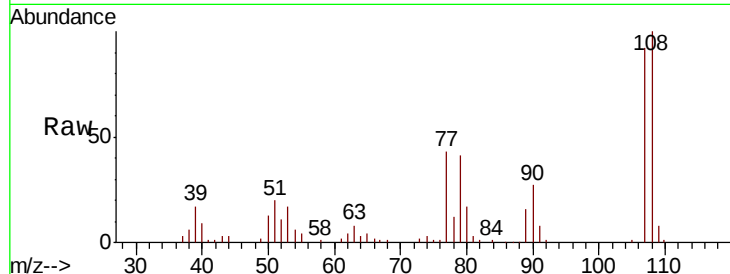




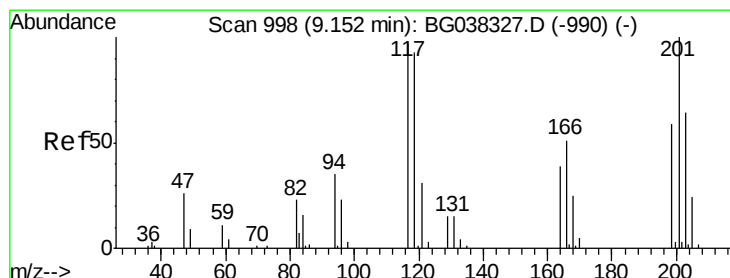
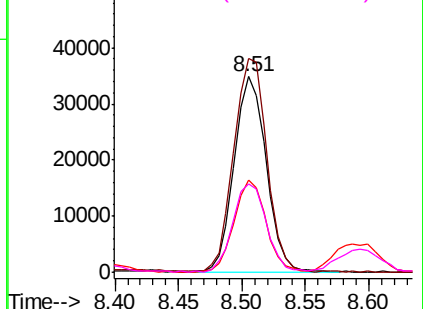
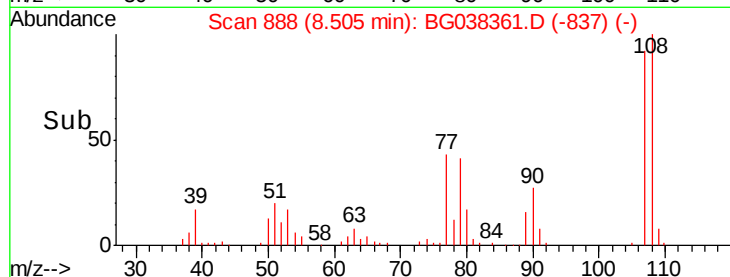
#17
2-Methylphenol
Concen: 30.005 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 61396
Ion Ratio Lower Upper
107 100
108 109.1 87.9 131.9
77 47.3 35.1 52.7
79 45.2 34.5 51.7

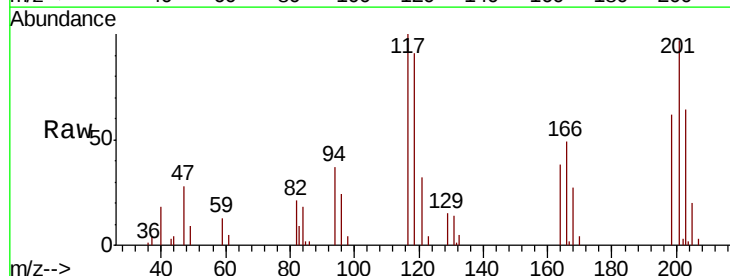


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

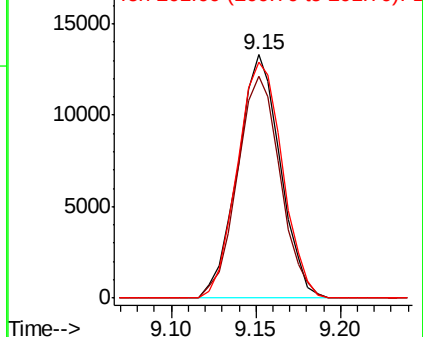
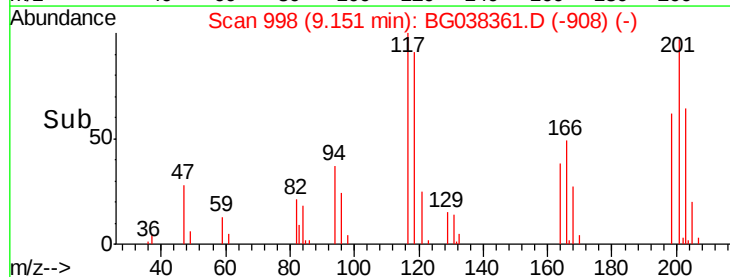


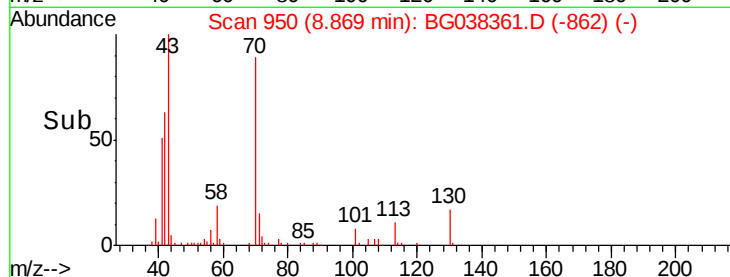
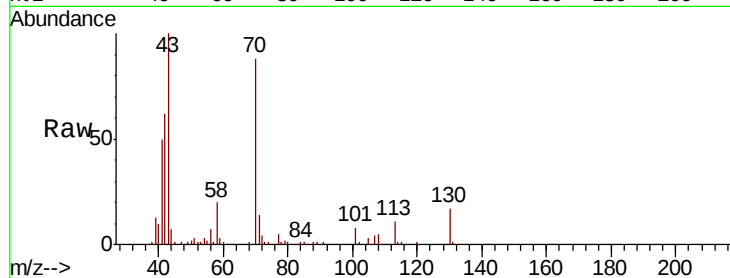
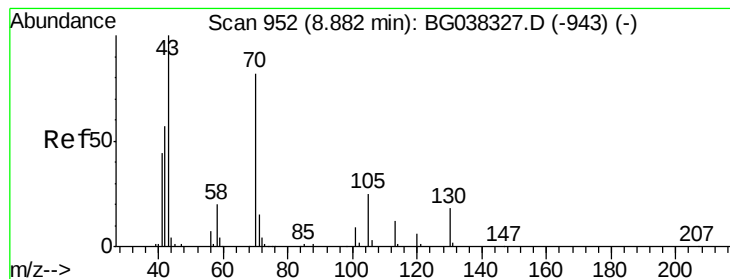
#18
Hexachloroethane
Concen: 25.141 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Tgt Ion:117 Resp: 23251
Ion Ratio Lower Upper
117 100
119 91.3 74.6 111.8
201 96.8 80.8 121.2



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: 25.746 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 51067

Ion Ratio Lower Upper

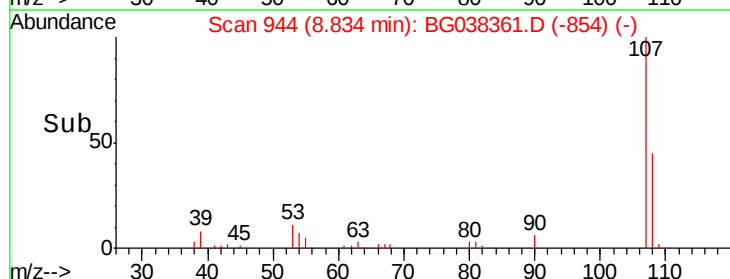
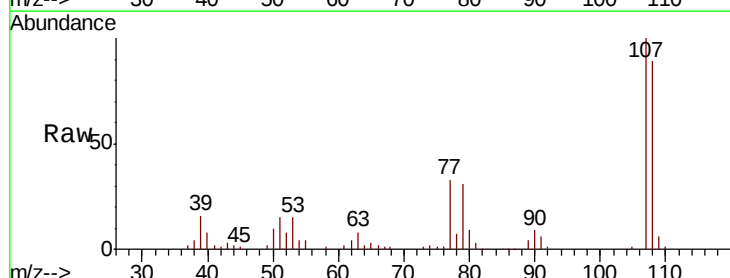
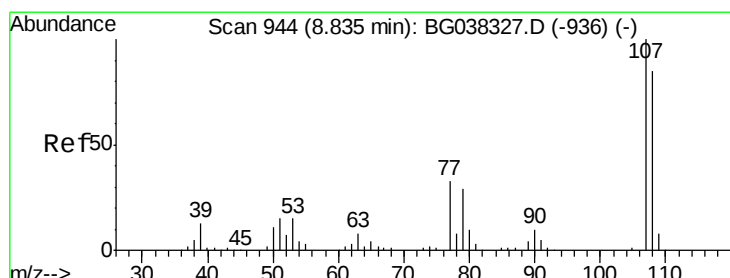
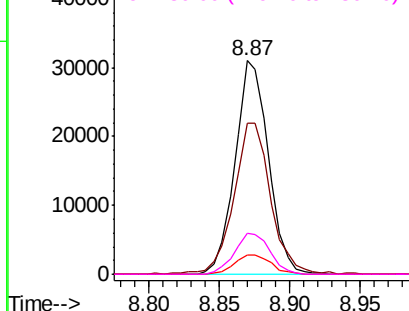
70 100

42 70.6 53.9 80.9

101 8.8 8.2 12.2

130 19.0 18.2 27.4

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: 29.829 ng

RT: 8.83 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Tgt Ion: 107 Resp: 83728

Ion Ratio Lower Upper

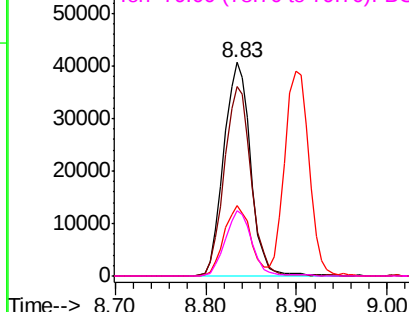
107 100

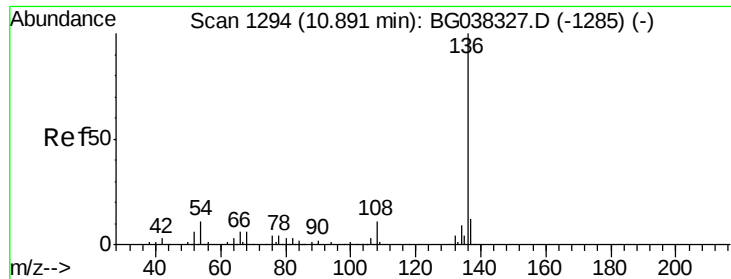
108 88.8 69.9 109.9

77 33.0 11.2 51.2

79 30.6 6.6 46.6

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: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 162593

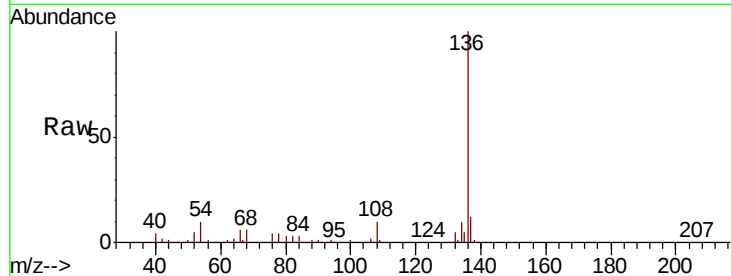
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 9.9 7.9 11.9

68 6.2 4.8 7.2

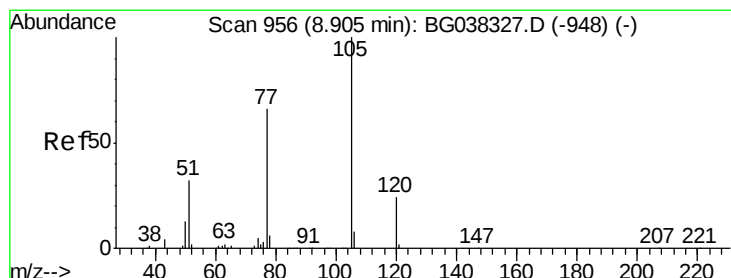
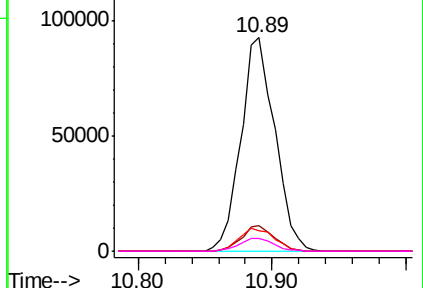
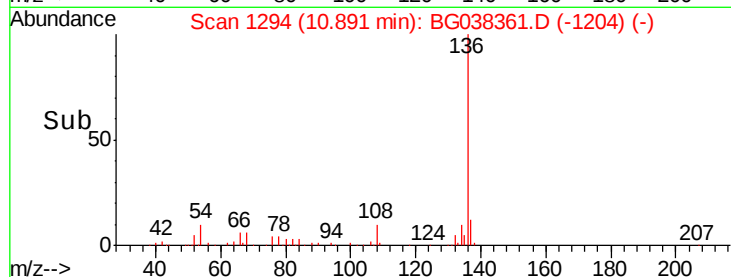


Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.271 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Tgt Ion:105 Resp: 91933

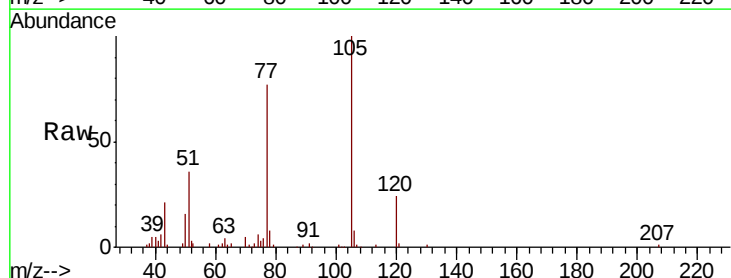
Ion Ratio Lower Upper

105 100

71 0.8 1.2 1.8#

51 36.2 25.0 37.6

120 24.1 18.6 28.0

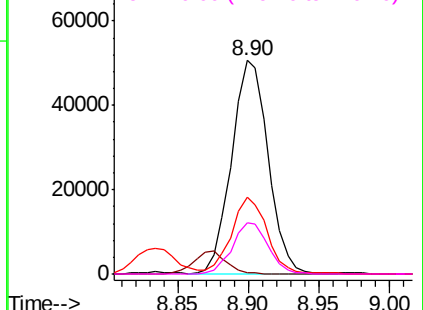
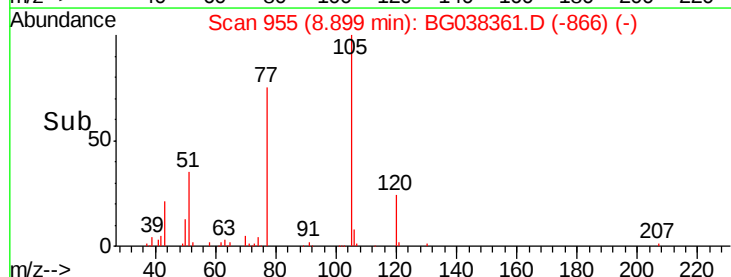


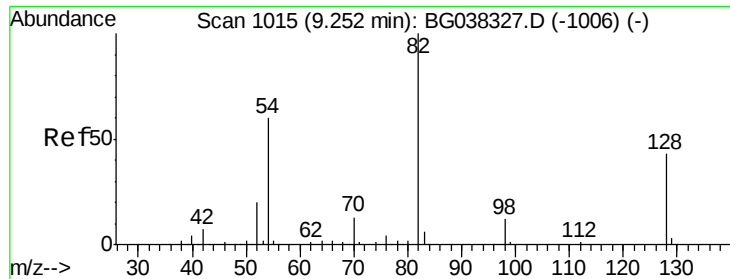
Abundance Ion 105.00 (104.70 to 105.70): E

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

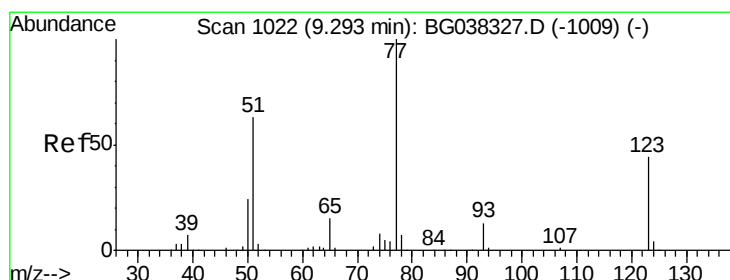
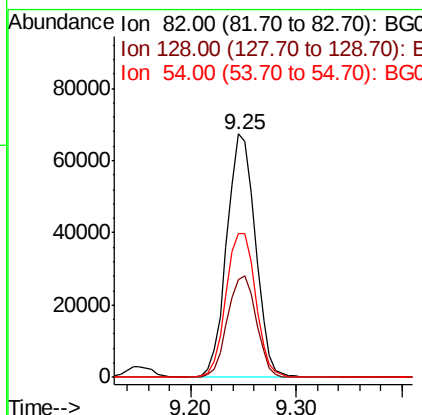
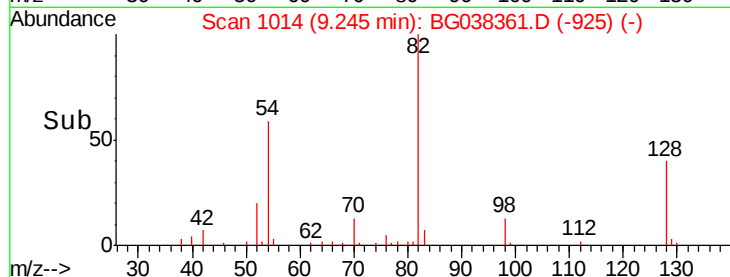
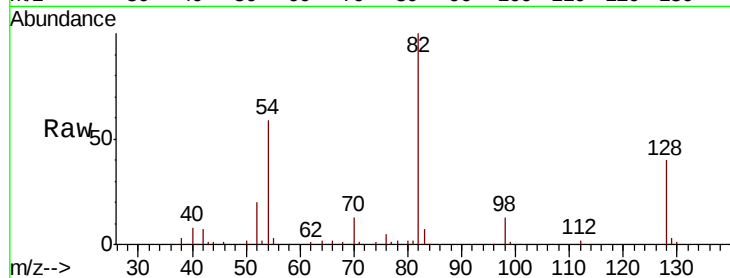




#23
 Nitrobenzene-d5
 Concen: 38.528 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

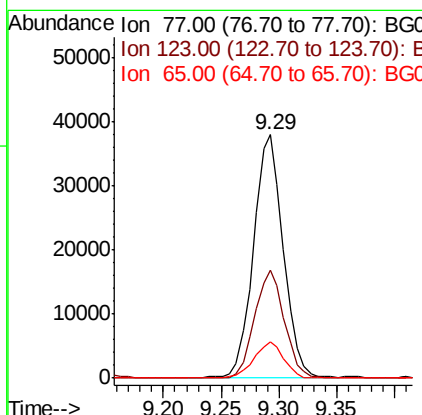
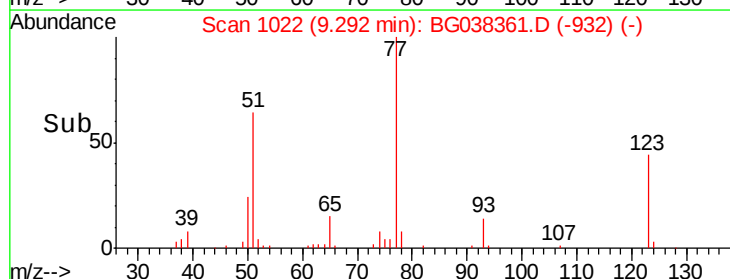
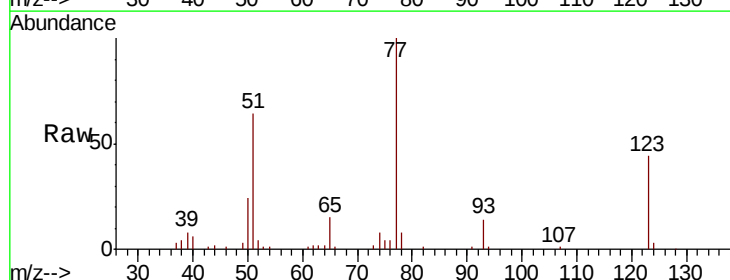
Instrument :
 BNA_G
 ClientSampleID :

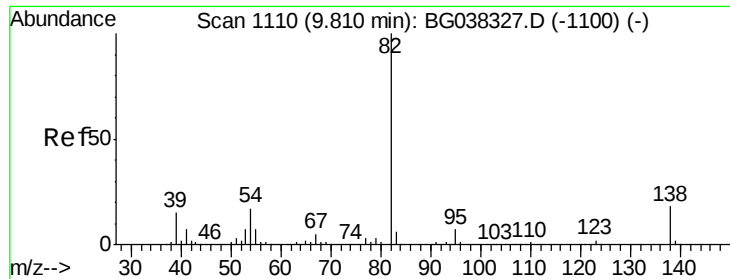
Tot Ion: 82 Resp: 126177
 Ion Ratio Lower Upper
 82 100
 128 40.3 34.6 51.8
 54 59.1 45.3 67.9



#24
 Nitrobenzene
 Concen: 20.504 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

Tgt Ion: 77 Resp: 68224
 Ion Ratio Lower Upper
 77 100
 123 44.5 33.6 50.4
 65 15.1 11.3 16.9





#25

Isophorone

Concen: 22.736 ng

RT: 9.80 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampleId :

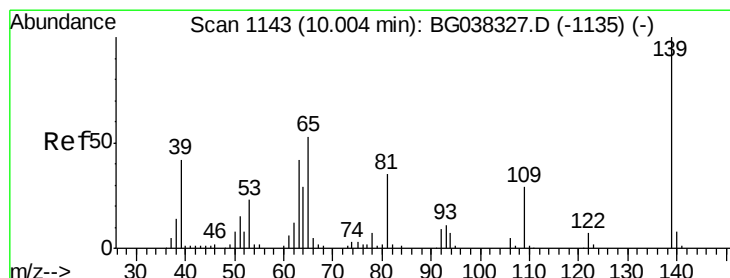
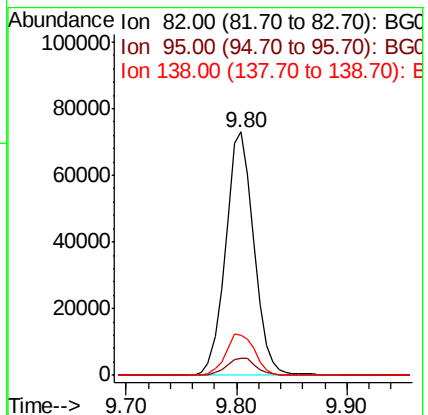
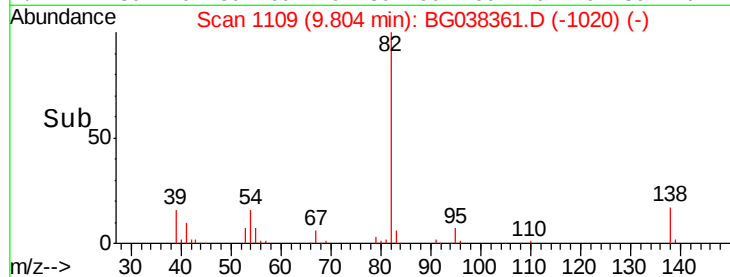
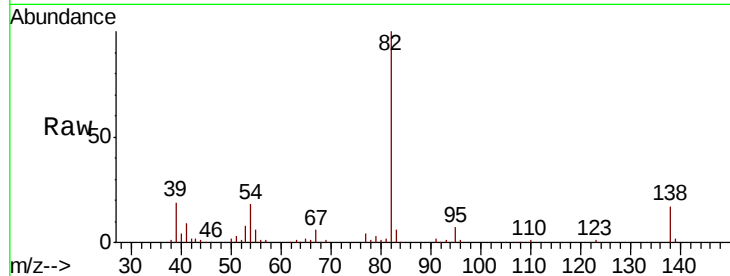
Tot Ion: 82 Resp: 130852

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 16.6 13.3 19.9



#26

2-Nitrophenol

Concen: 20.914 ng

RT: 10.00 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

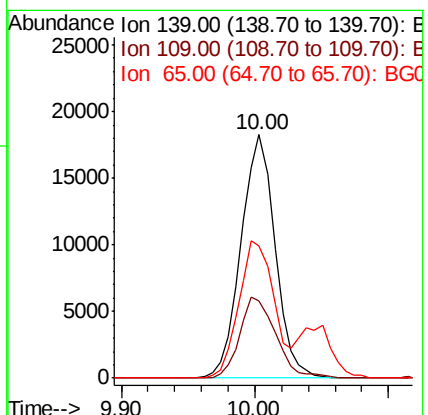
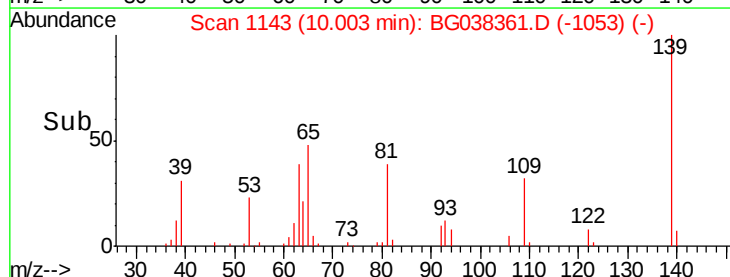
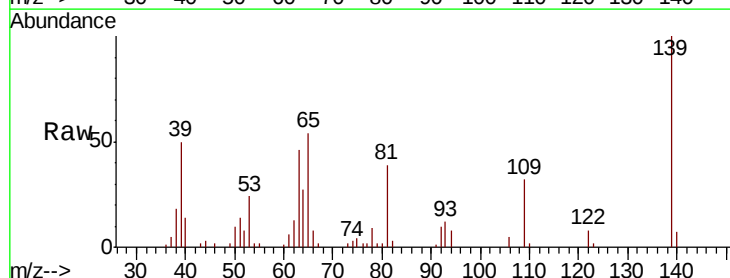
Tgt Ion: 139 Resp: 32243

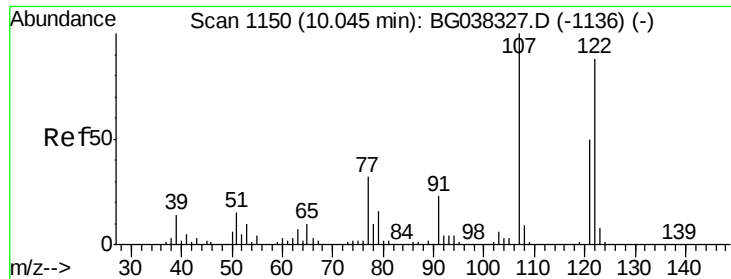
Ion Ratio Lower Upper

139 100

109 31.9 23.3 34.9

65 54.3 39.8 59.8

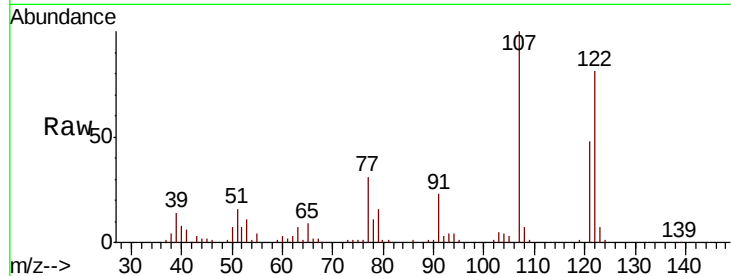




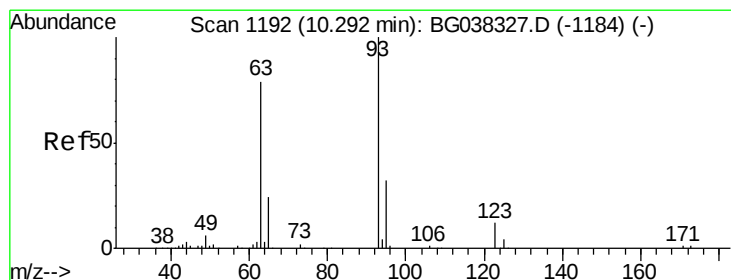
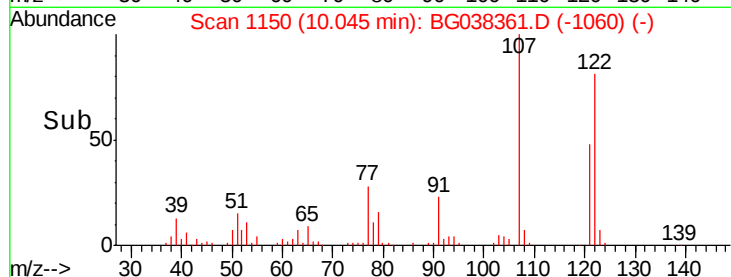
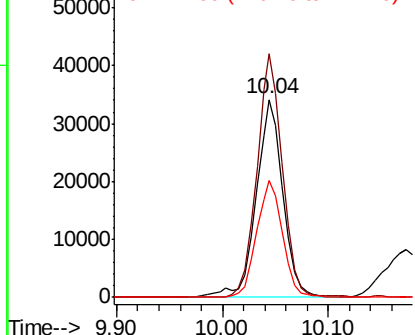
#27
 2,4-Dimethylphenol
 Concen: 27.081 ng
 RT: 10.04 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 59967
 Ion Ratio Lower Upper
 122 100
 107 122.9 94.2 141.2
 121 59.2 47.3 70.9

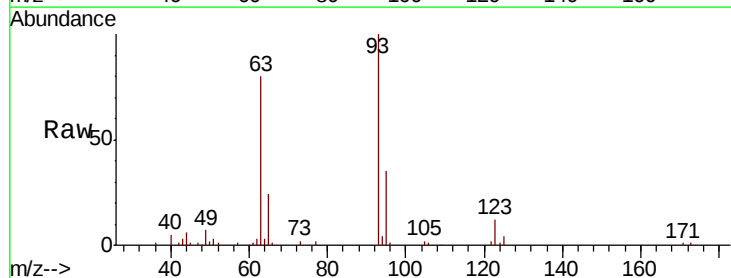


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

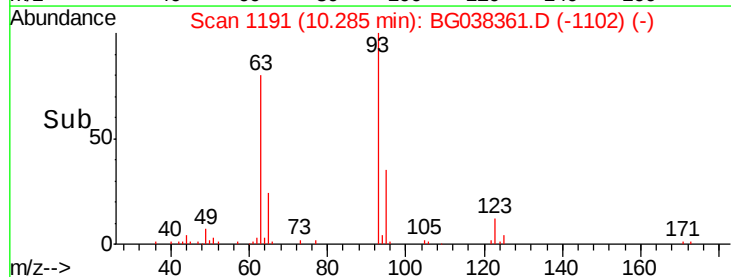
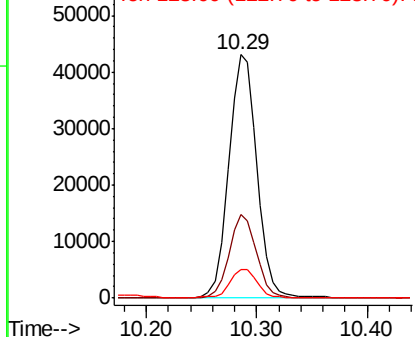


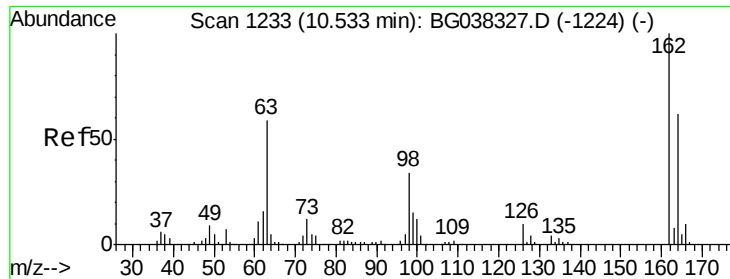
#28
 bis(2-Chloroethoxy)methane
 Concen: 23.215 ng
 RT: 10.29 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

Tgt Ion: 93 Resp: 76593
 Ion Ratio Lower Upper
 93 100
 95 34.5 24.6 37.0
 123 11.8 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

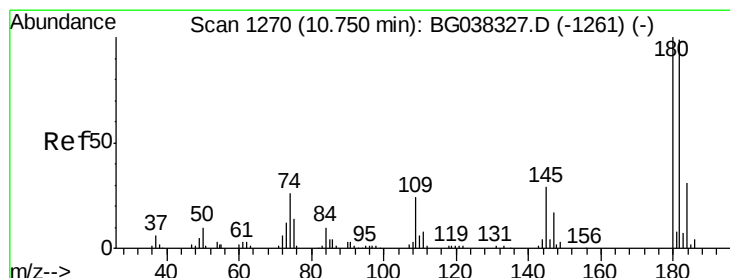
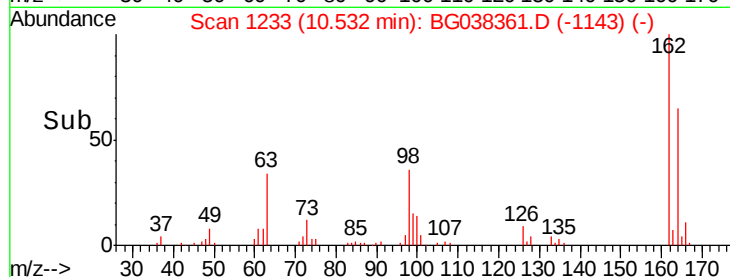
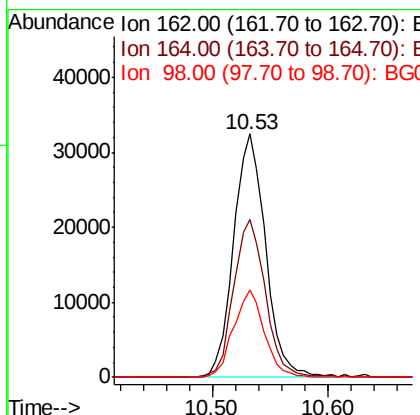
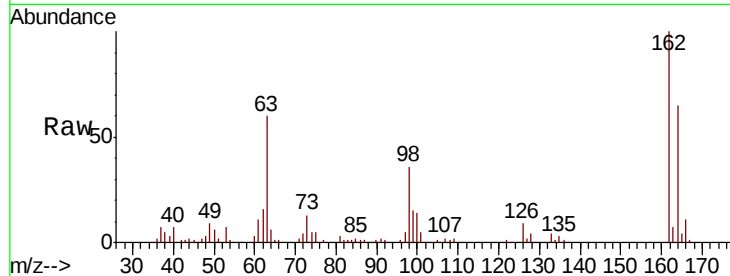




#29
 2,4-Dichlorophenol
 Concen: 24.572 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

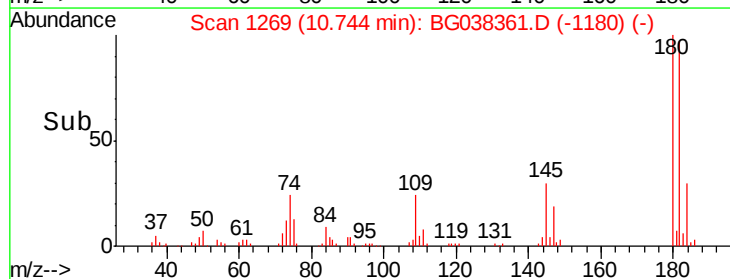
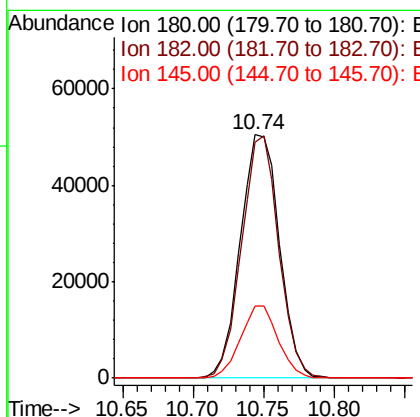
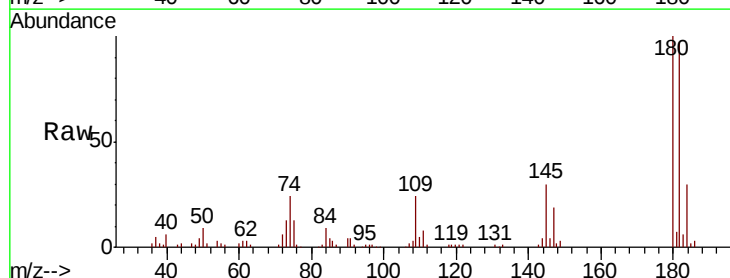
Instrument :
 BNA_G
 ClientSampleId :

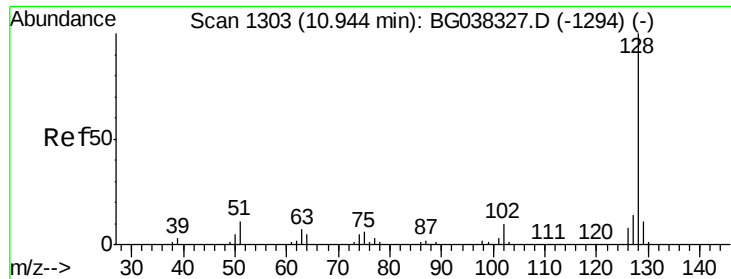
Tot Ion:162 Resp: 62112
 Ion Ratio Lower Upper
 162 100
 164 64.9 43.2 83.2
 98 35.7 16.0 56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 32.876 ng
 RT: 10.74 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

Tgt Ion:180 Resp: 97551
 Ion Ratio Lower Upper
 180 100
 182 96.9 77.7 116.5
 145 29.8 23.3 34.9

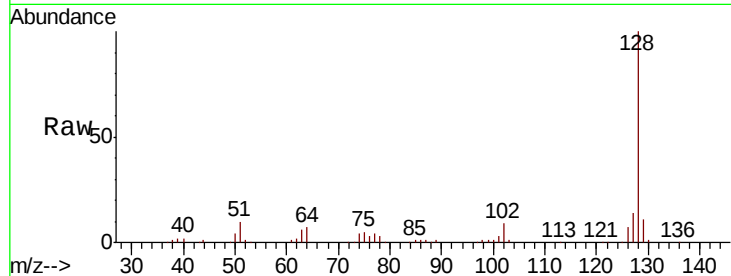




#31
Naphthalene
Concen: 34.714 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 269608
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.9 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E
200000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

10.94

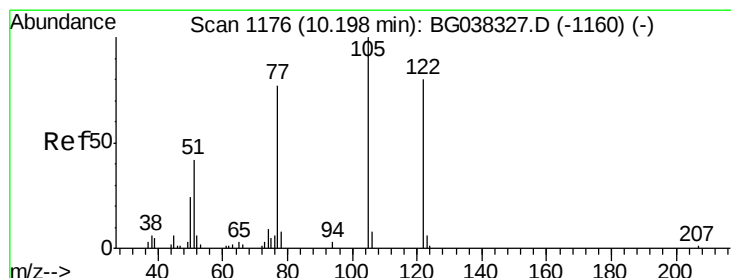
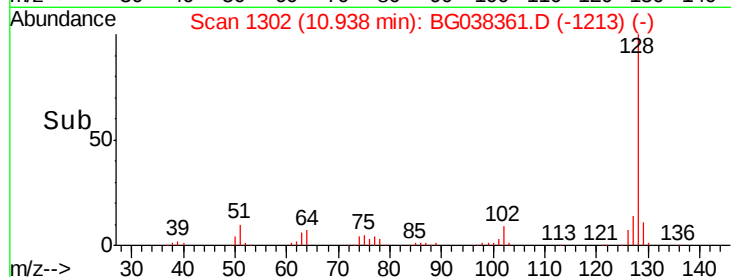
150000

100000

50000

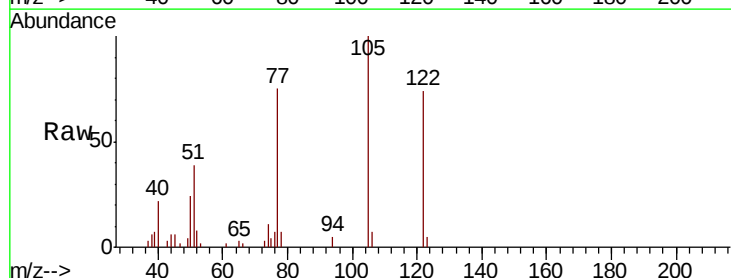
0

Time-->



#32
Benzoic acid
Concen: 19.297 ng
RT: 10.17 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Tgt Ion:122 Resp: 25372
Ion Ratio Lower Upper
122 100
105 135.8 106.7 146.7
77 102.2 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E
40000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

10.17

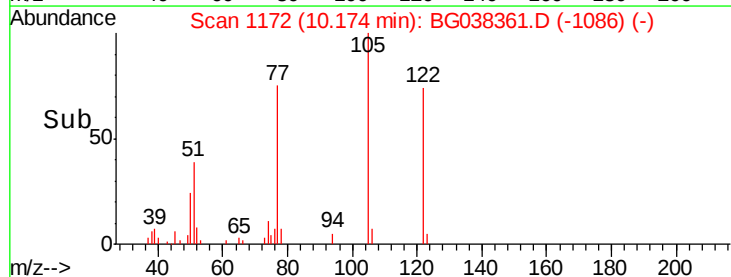
30000

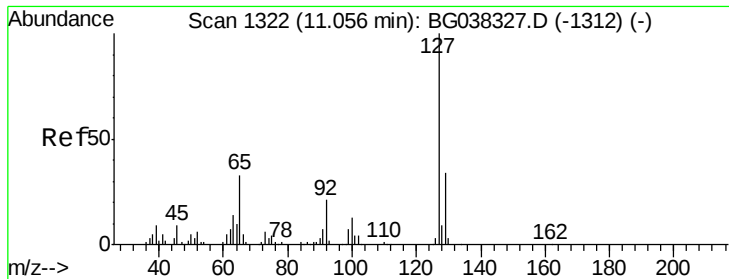
20000

10000

0

Time-->

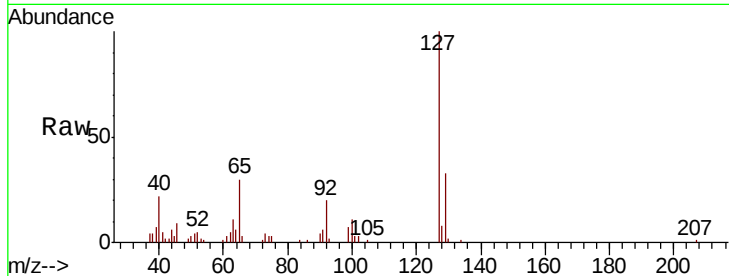




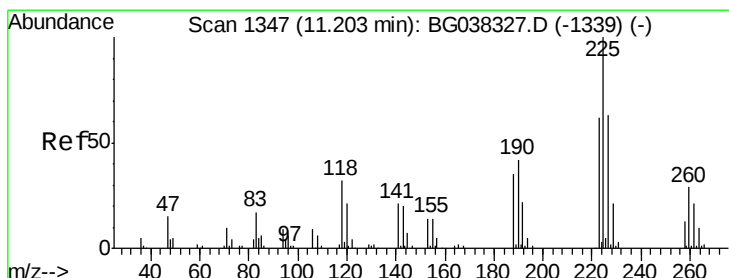
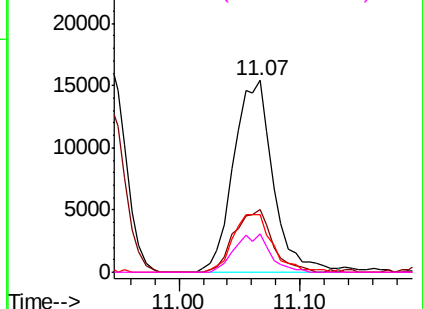
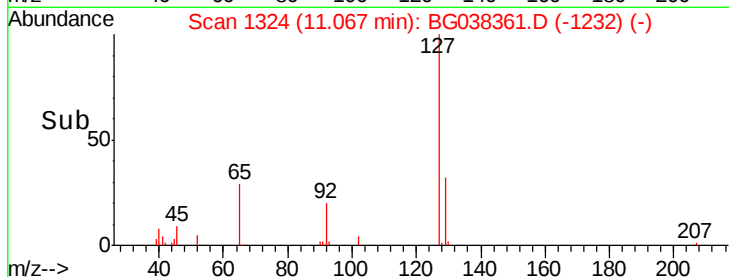
#33
4-Chloroaniline
Concen: 10.205 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	35087
Ion	Ratio	Lower Upper
127	100	
129	32.7	27.1 40.7
65	30.2	26.6 39.8
92	19.9	16.4 24.6

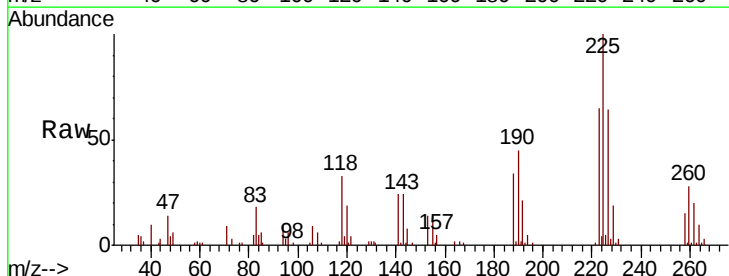


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

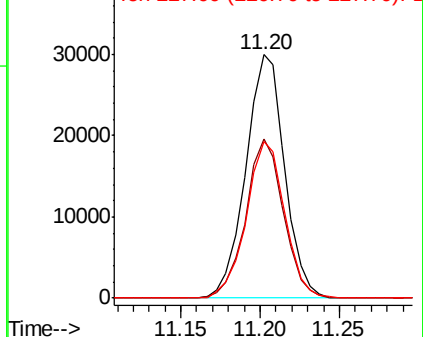
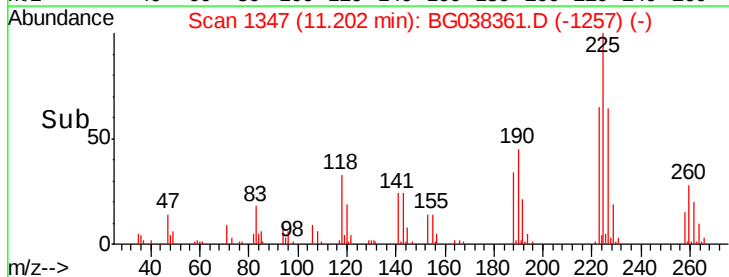


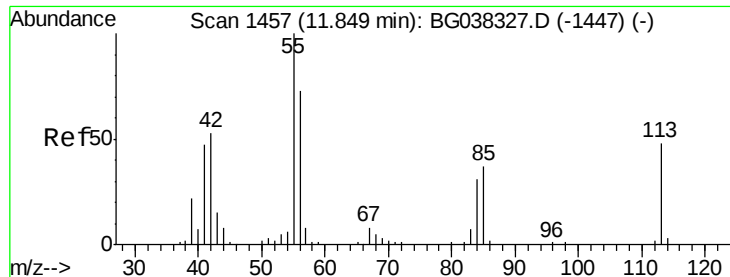
#34
Hexachlorobutadiene
Concen: 27.421 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Tgt Ion:225	Resp:	50903
Ion	Ratio	Lower Upper
225	100	
223	66.4	48.2 72.4
227	64.0	51.6 77.4



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





#35

Caprolactam

Concen: 37.206 ng

RT: 11.83 min Scan# 1454

Delta R.T. -0.02 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampleId :

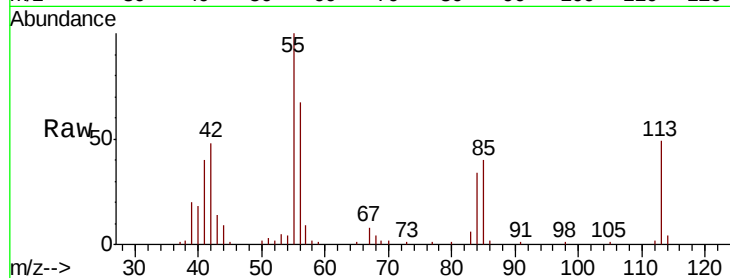
Tot Ion:113 Resp: 38891

Ion Ratio Lower Upper

113 100

55 204.4 176.6 216.6

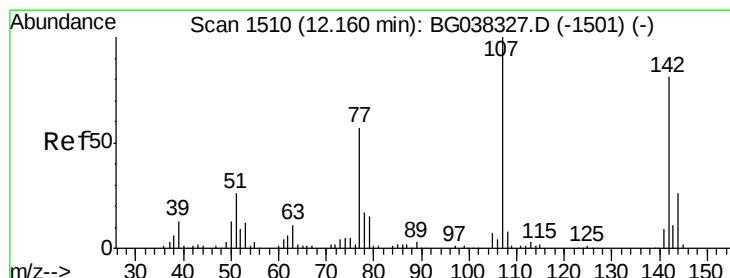
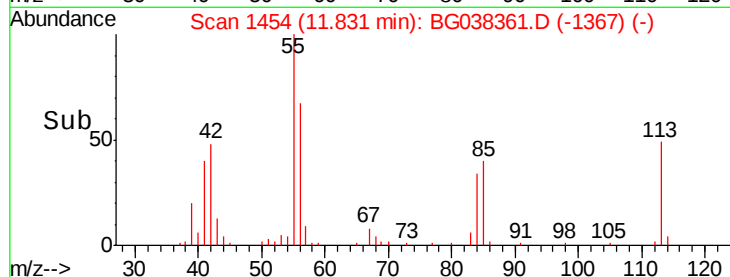
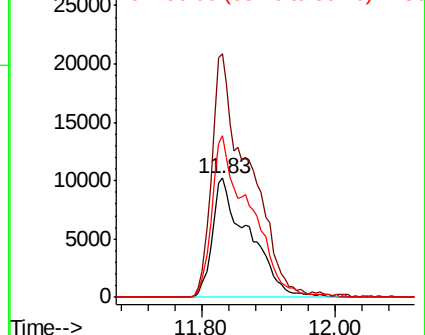
56 136.2 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG038327.D (-1447) (-)

Ion 56.00 (55.70 to 56.70): BG038327.D (-1447) (-)



#36

4-Chloro-3-methylphenol

Concen: 35.743 ng

RT: 12.16 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

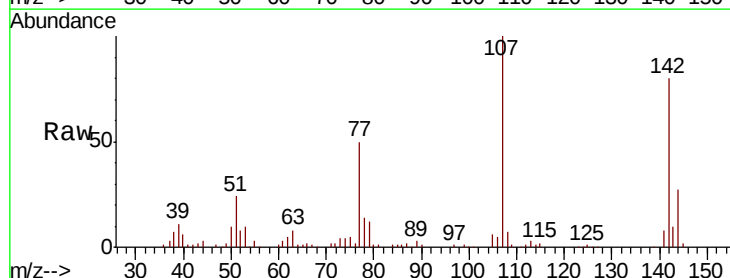
Tgt Ion:107 Resp: 100384

Ion Ratio Lower Upper

107 100

144 26.9 20.7 31.1

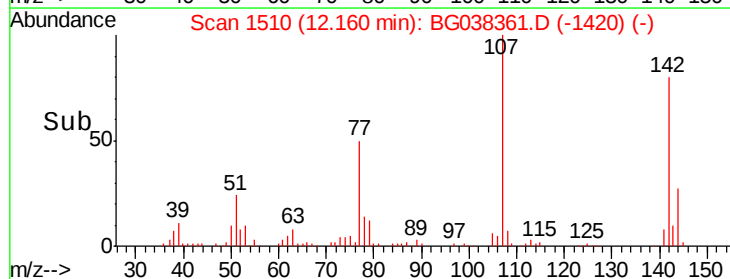
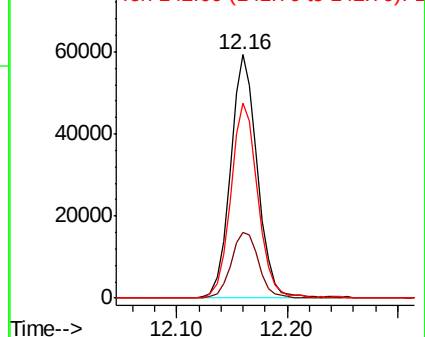
142 79.9 64.4 96.6

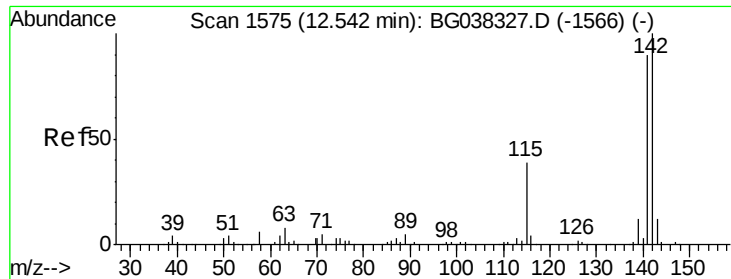


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

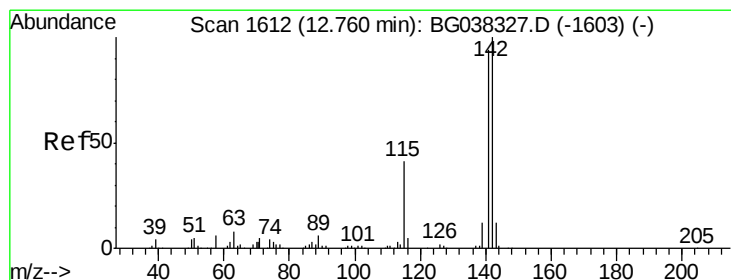
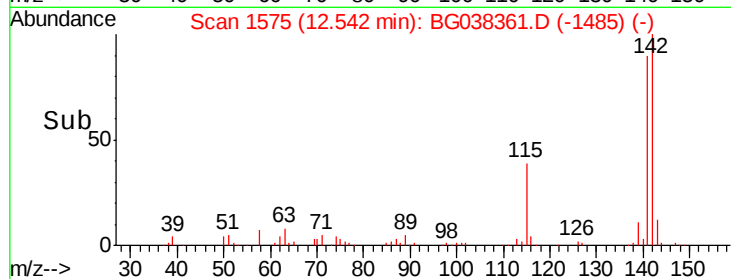
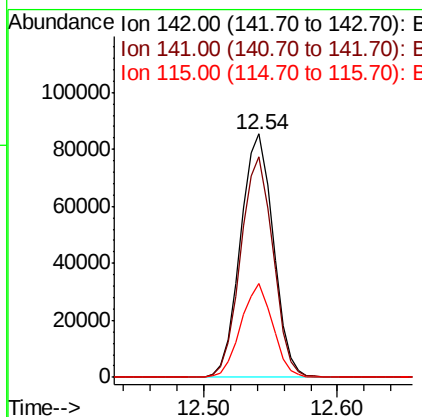
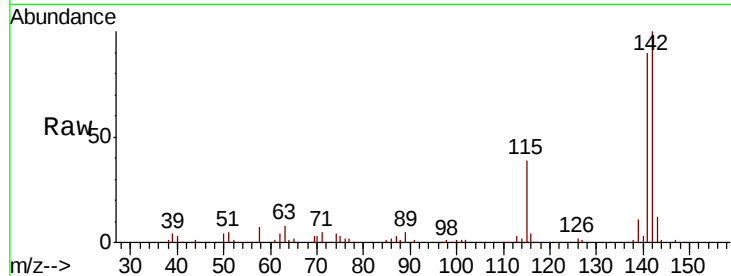




#37
2-Methylnaphthalene
Concen: 26.260 ng
RT: 12.54 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

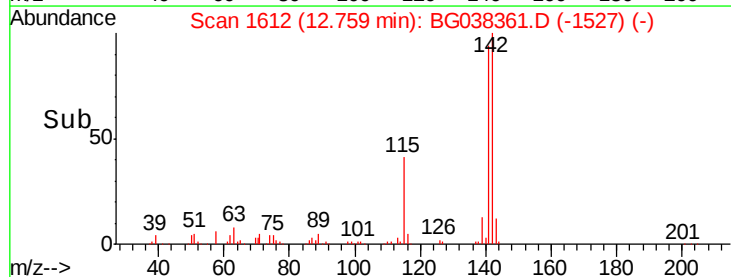
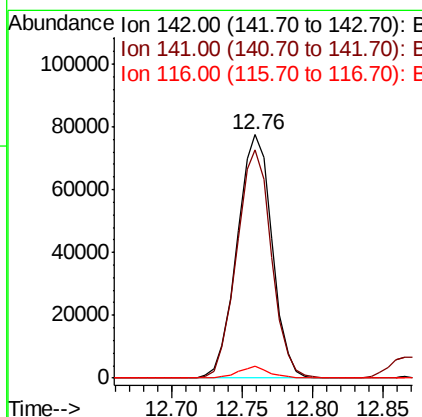
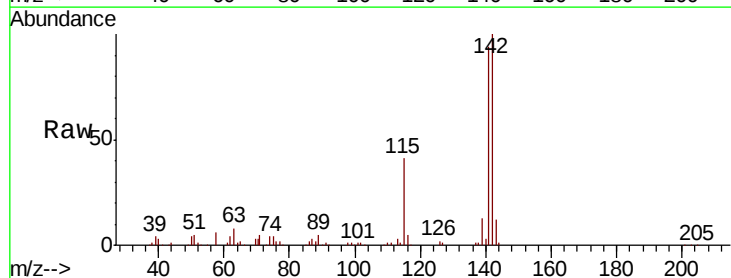
Instrument :
BNA_G
ClientSampled :

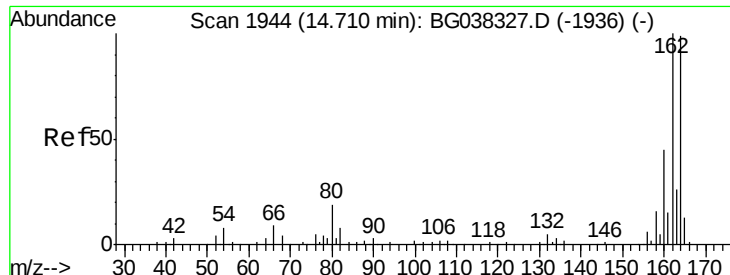
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.9	107.9
115	38.7	27.8	41.8



#38
1-Methylnaphthalene
Concen: 25.272 ng
RT: 12.76 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.2	112.8
116	4.7	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampleId :

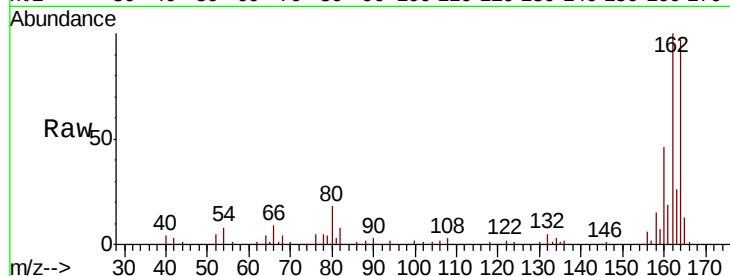
Tot Ion:164 Resp: 76399

Ion Ratio Lower Upper

164 100

162 103.0 81.3 121.9

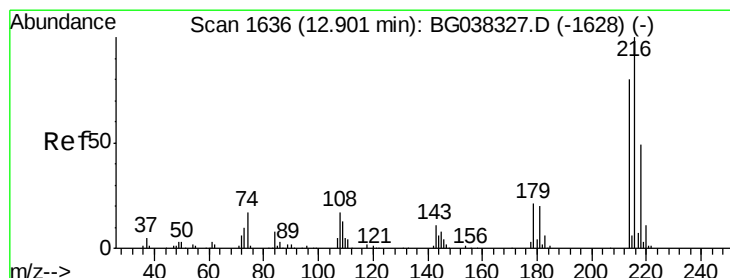
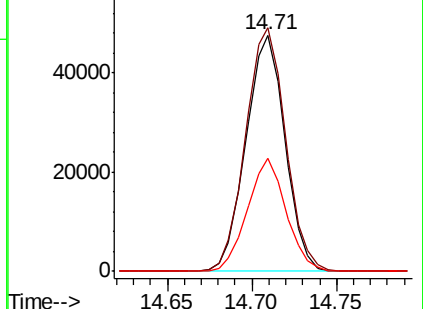
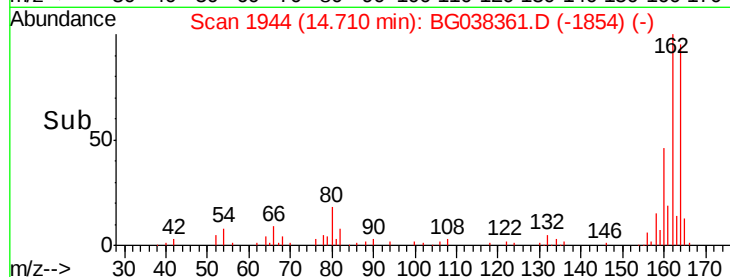
160 47.8 36.3 54.5



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 28.165 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Tgt Ion:216 Resp: 74043

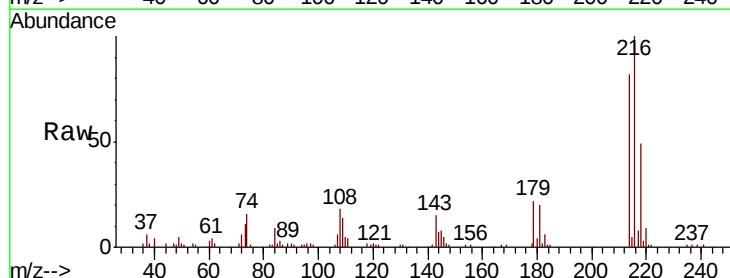
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.6

179 21.2 17.4 26.0

108 20.8 13.9 20.9

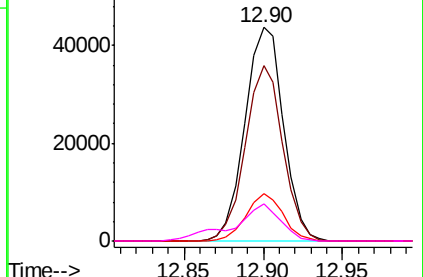
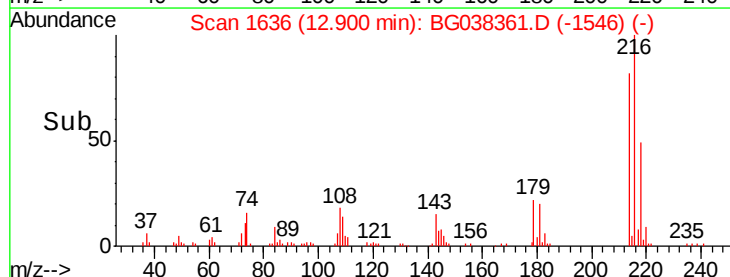


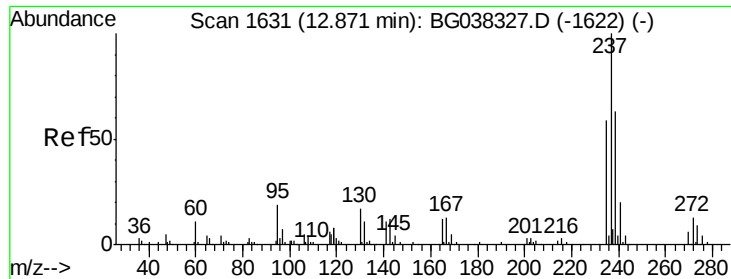
Abundance Ion 216.00 (215.70 to 216.70): E

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

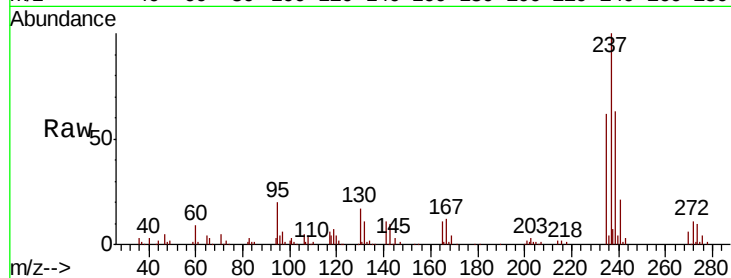




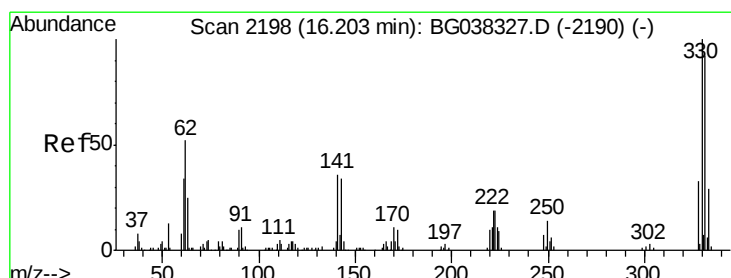
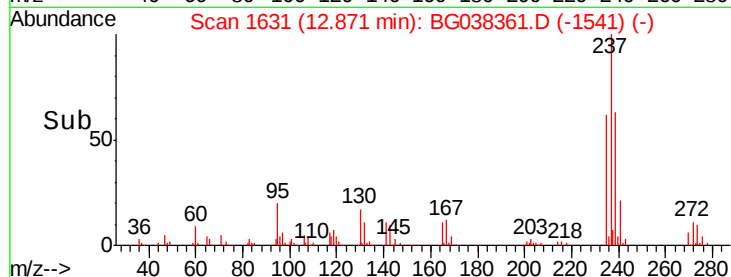
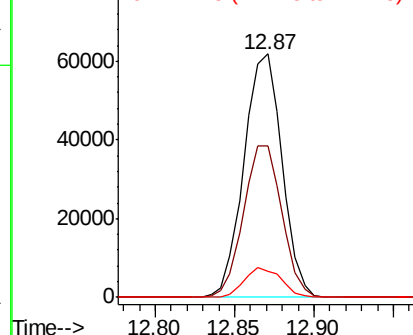
#41
Hexachlorocyclopentadiene
Concen: 71.409 ng
RT: 12.87 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 103163
Ion Ratio Lower Upper
237 100
235 62.4 42.5 82.5
272 10.9 0.0 31.6

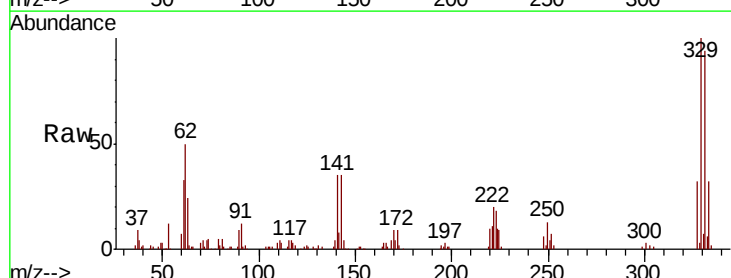


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

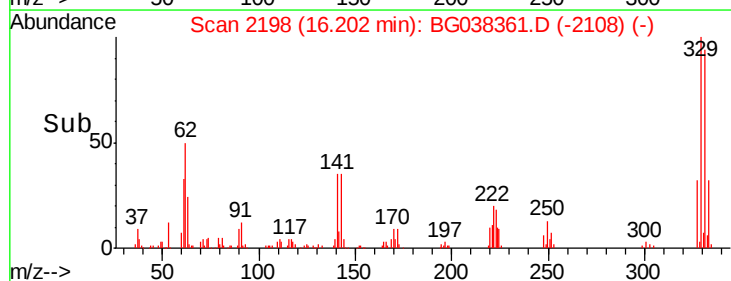
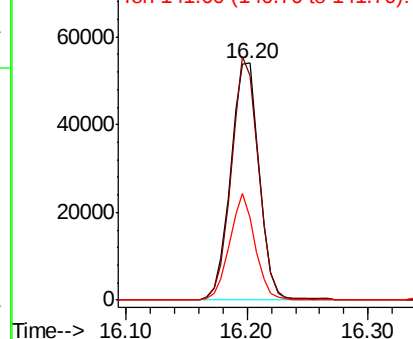


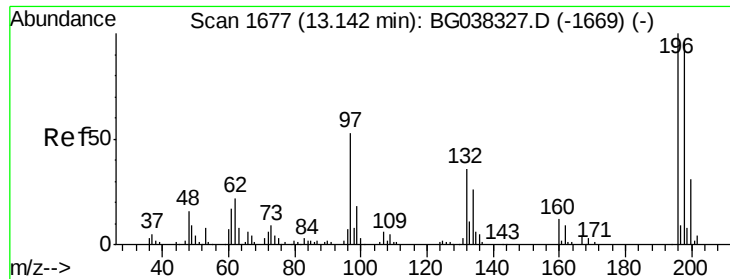
#42
2,4,6-Tribromophenol
Concen: 94.578 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Tgt Ion:330 Resp: 88704
Ion Ratio Lower Upper
330 100
332 97.1 78.4 117.6
141 39.7 32.2 48.2



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

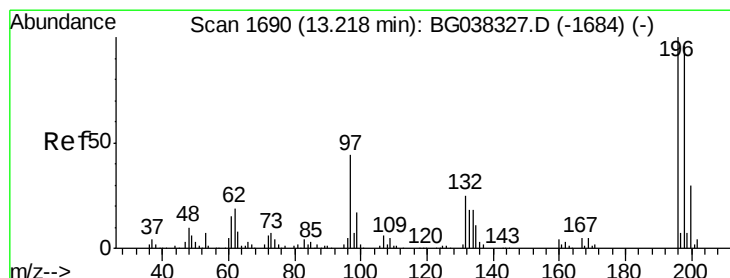
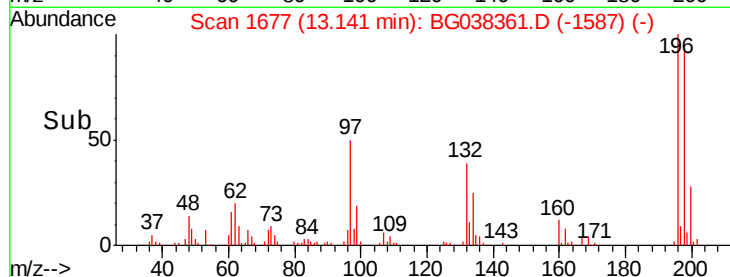
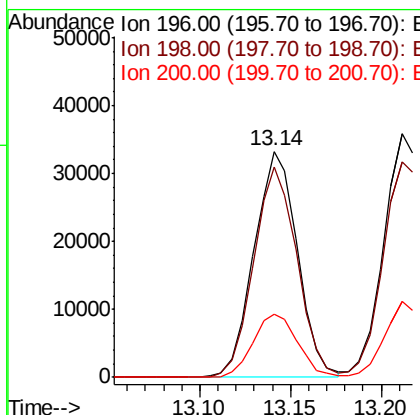
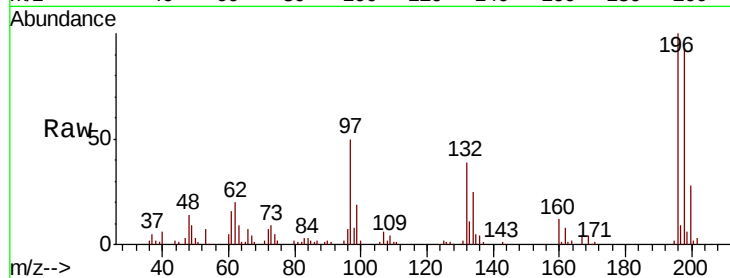




#43
 2,4,6-Trichlorophenol
 Concen: 32.428 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

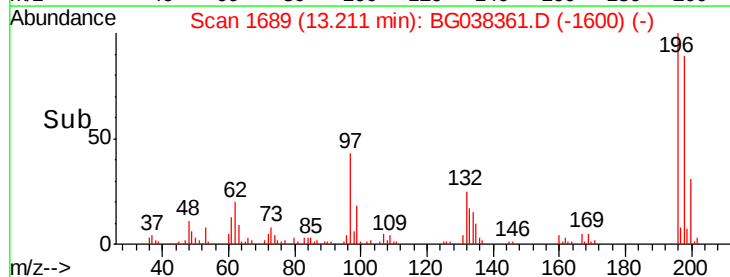
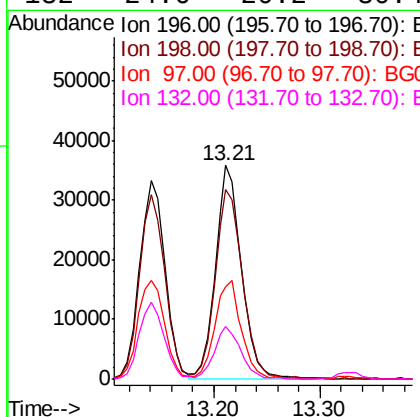
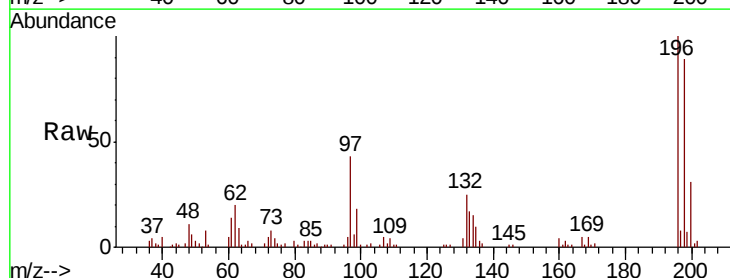
Instrument :
 BNA_G
 ClientSampled :

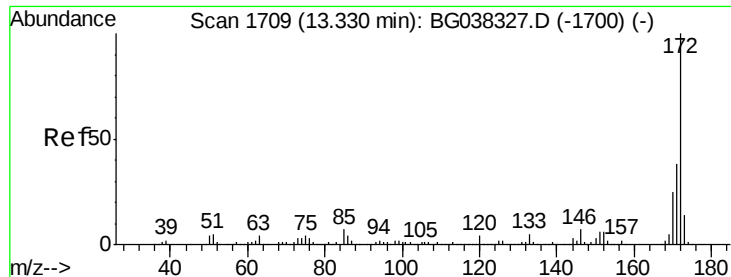
Tot Ion:196 Resp: 55223
 Ion Ratio Lower Upper
 196 100
 198 92.8 76.4 114.6
 200 30.1 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 34.134 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

Tgt Ion:196 Resp: 61580
 Ion Ratio Lower Upper
 196 100
 198 88.5 74.2 111.2
 97 43.4 34.1 51.1
 132 24.6 20.2 30.4

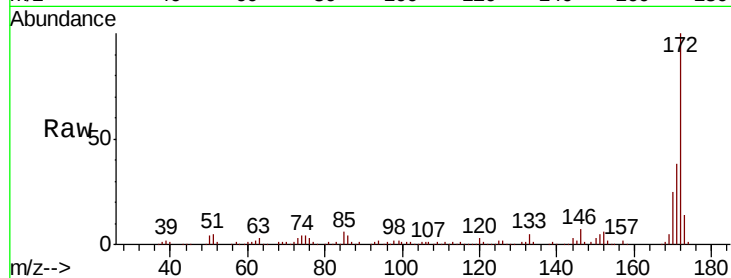




#45
2-Fluorobiphenyl
Concen: 55.864 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	24.6	20.2	30.2

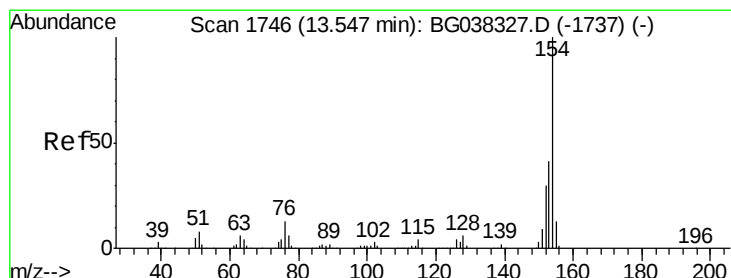
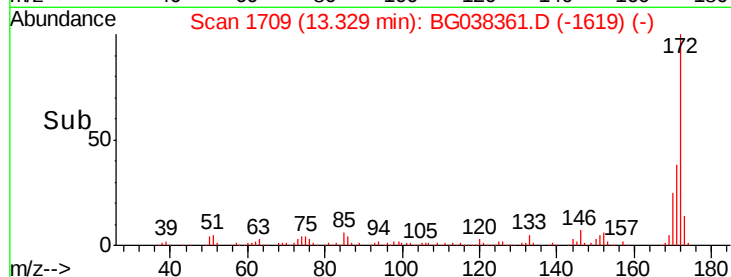
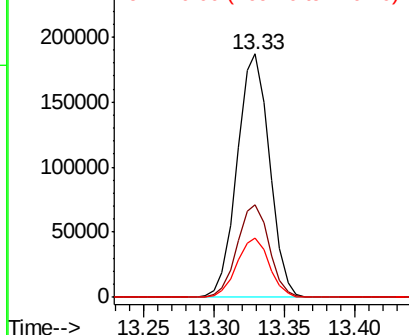


Abundance

Ion 172.00 (171.70 to 172.70): E

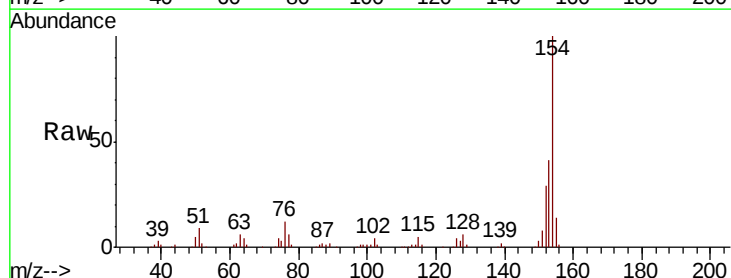
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 27.769 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.1	62.1
76	11.8	0.0	33.2

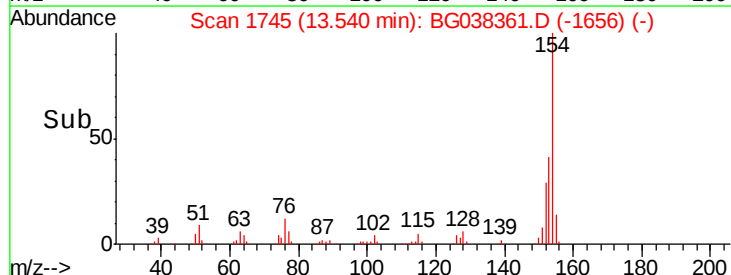
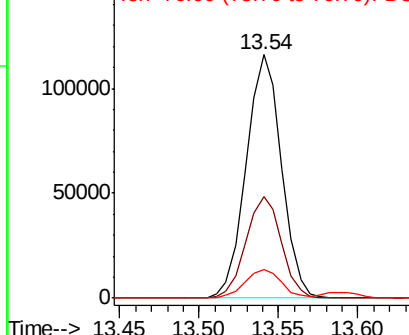


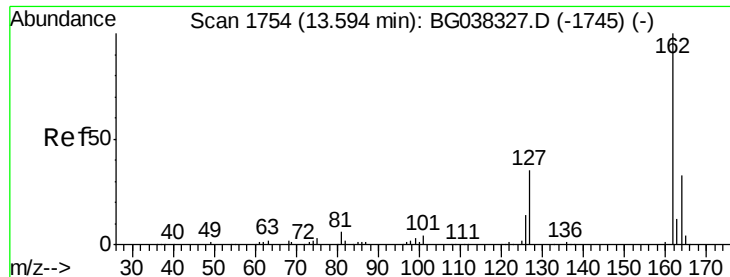
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

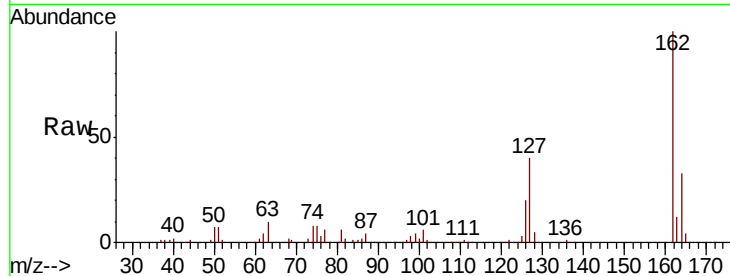




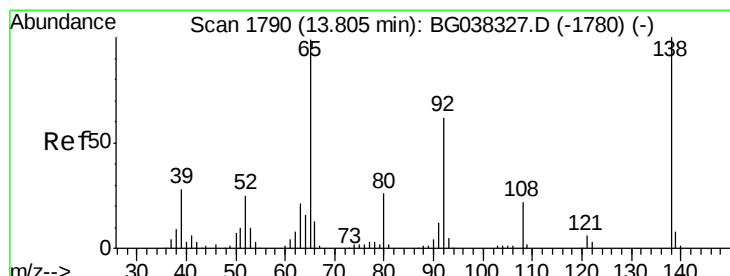
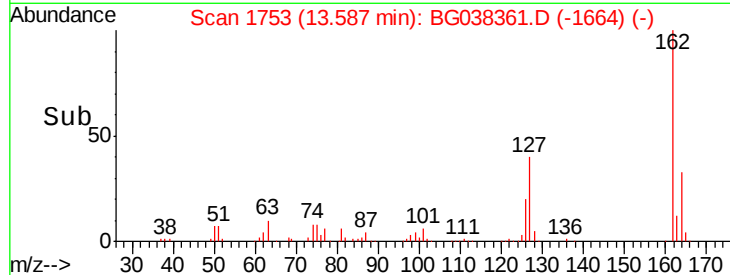
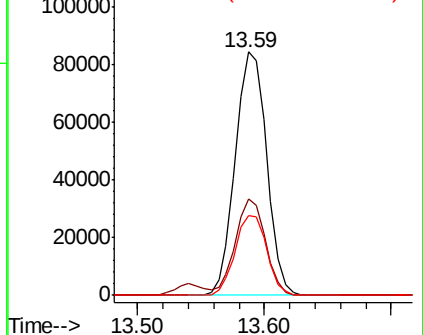
#47
 2-Chloronaphthalene
 Concen: 29.645 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 144465
 Ion Ratio Lower Upper
 162 100
 127 39.8 30.5 45.7
 164 32.7 26.4 39.6

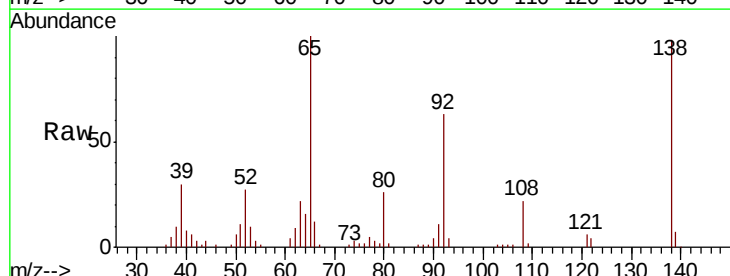


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

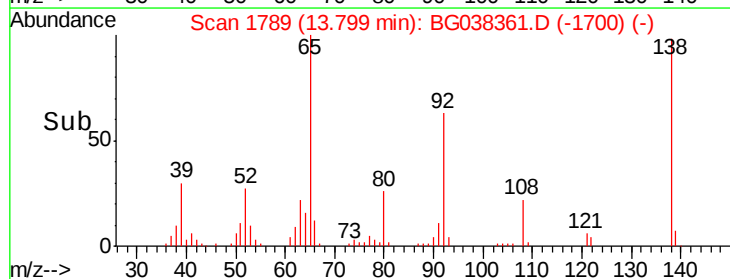
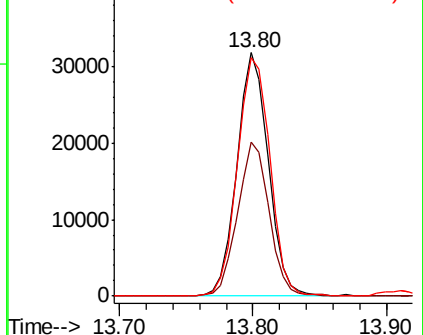


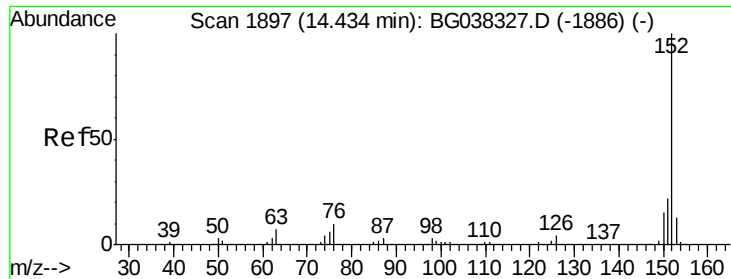
#48
 2-Nitroaniline
 Concen: 31.650 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

Tgt Ion: 65 Resp: 51745
 Ion Ratio Lower Upper
 65 100
 92 63.5 53.2 79.8
 138 97.8 79.3 118.9



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





#49

Acenaphthylene

Concen: 33.220 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampleId :

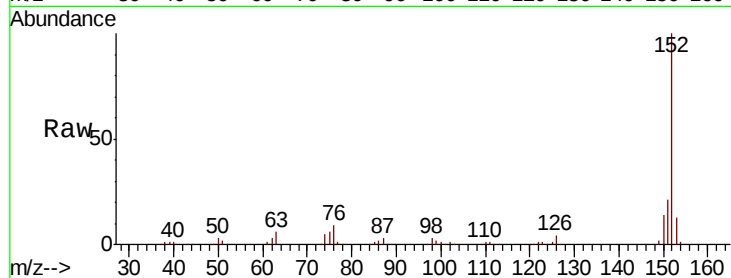
Tot Ion:152 Resp: 243808

Ion Ratio Lower Upper

152 100

151 20.5 17.1 25.7

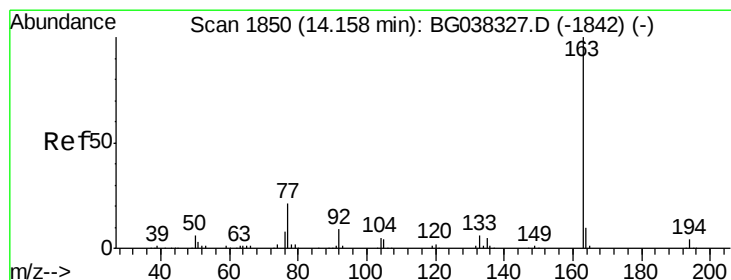
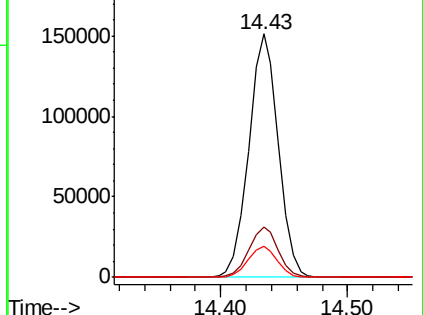
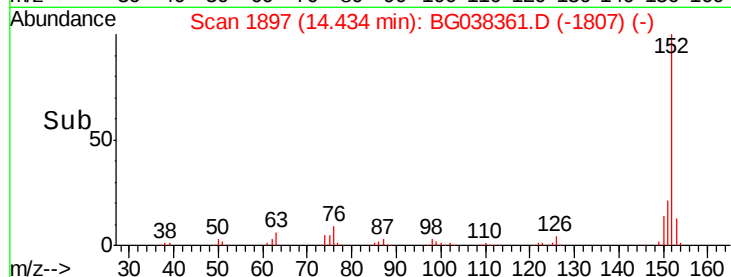
153 13.0 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 32.870 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

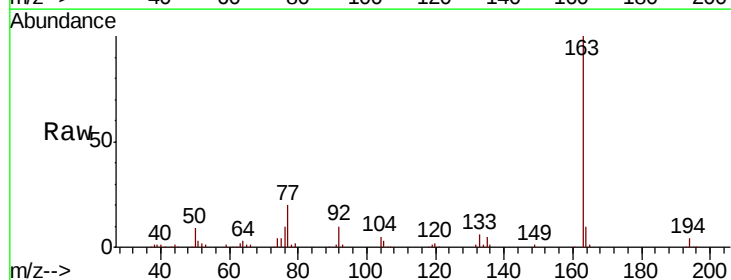
Tgt Ion:163 Resp: 201421

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

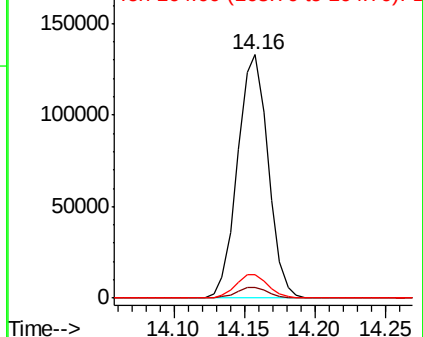
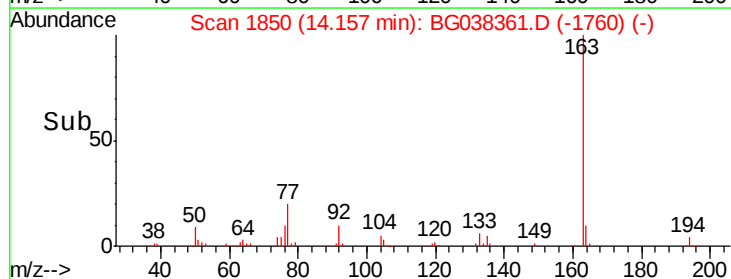
164 9.8 8.5 12.7

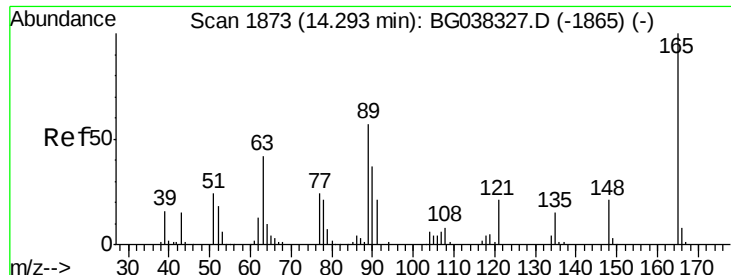


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

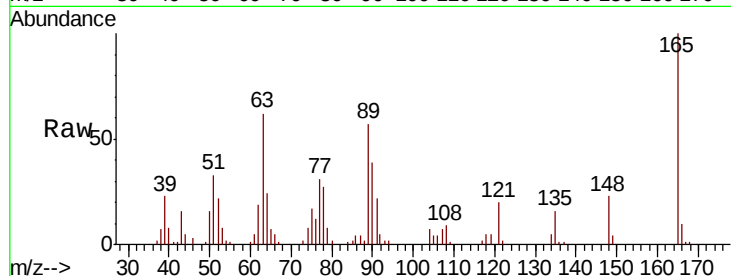




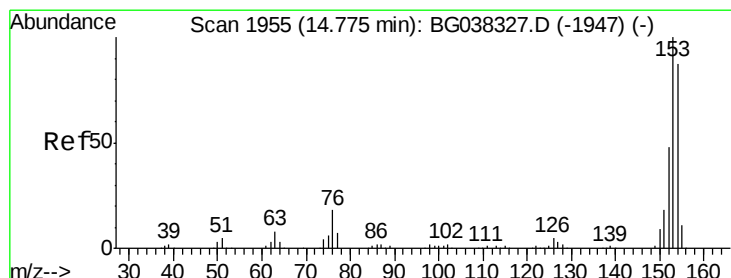
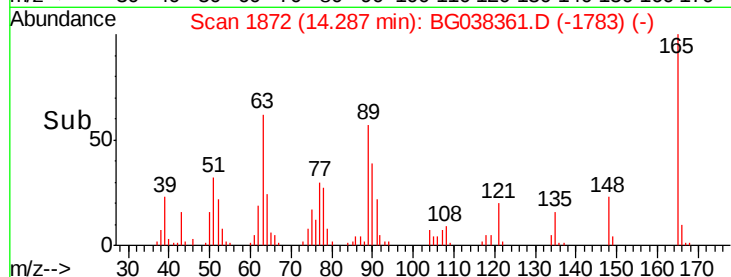
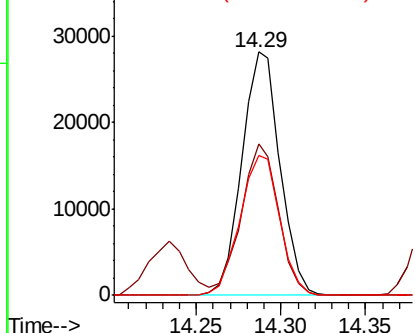
#51
 2,6-Dinitrotoluene
 Concen: 31.467 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 44047
 Ion Ratio Lower Upper
 165 100
 63 62.2 43.4 65.2
 89 57.4 45.8 68.6

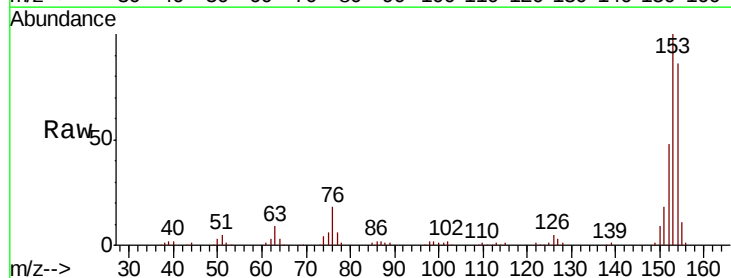


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

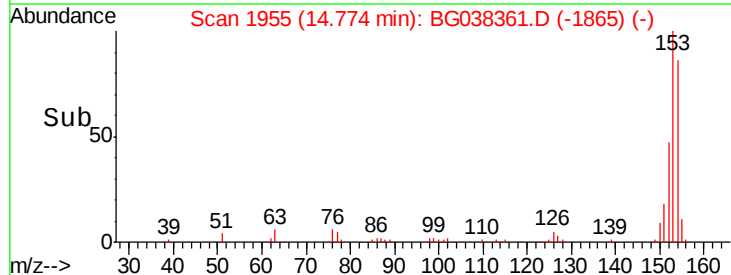
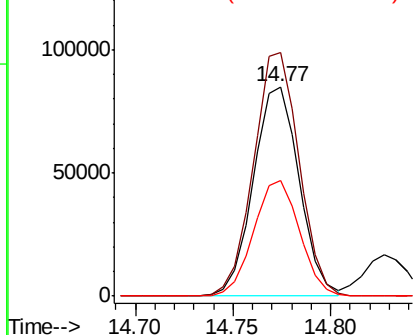


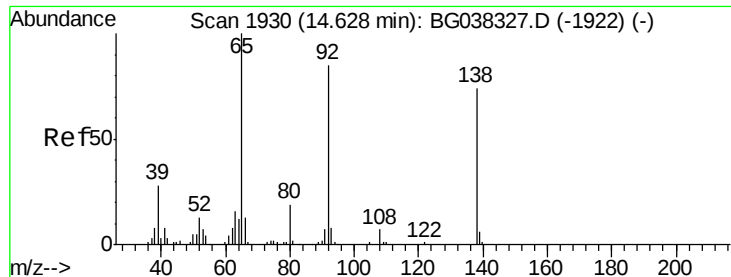
#52
 Acenaphthene
 Concen: 30.841 ng
 RT: 14.77 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

Tgt Ion:154 Resp: 137990
 Ion Ratio Lower Upper
 154 100
 153 116.2 93.4 140.0
 152 55.3 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 14.565 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampleId :

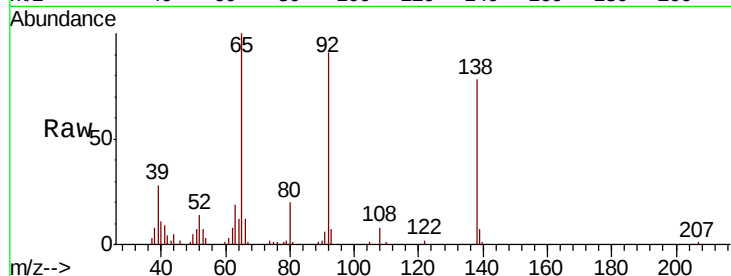
Tot Ion:138 Resp: 21958

Ion Ratio Lower Upper

138 100

108 10.4 11.0 16.6#

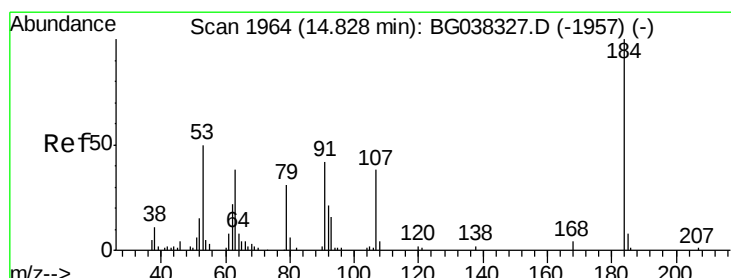
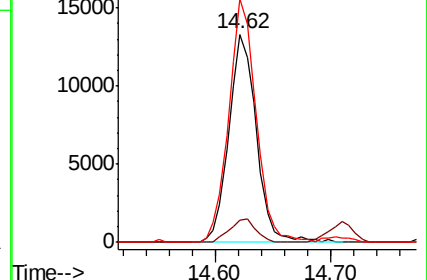
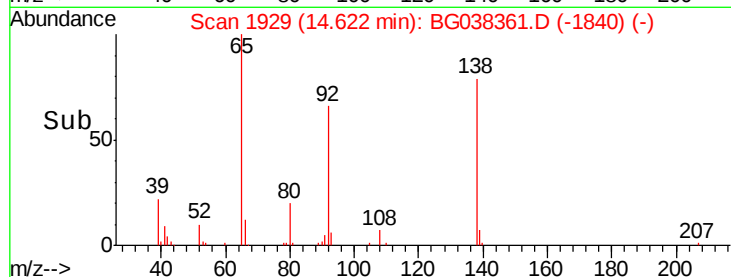
92 117.0 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 61.725 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

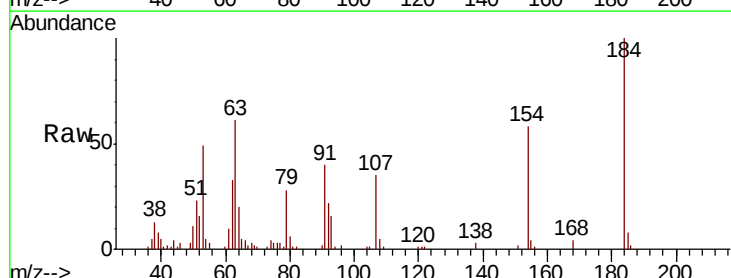
Tgt Ion:184 Resp: 47363

Ion Ratio Lower Upper

184 100

63 61.0 42.6 63.8

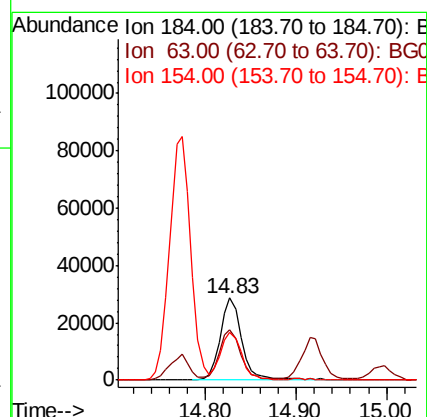
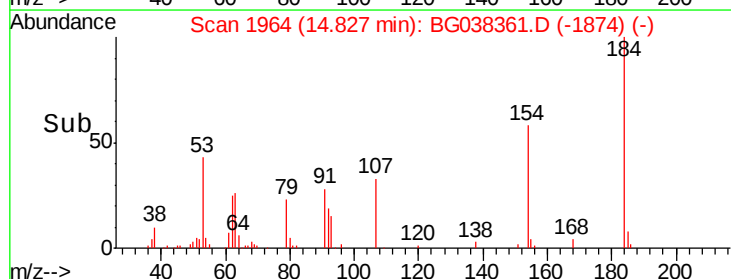
154 58.3 41.8 62.6

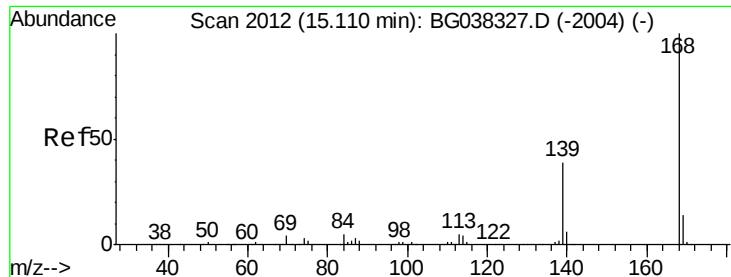


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 31.360 ng

RT: 15.10 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampleId :

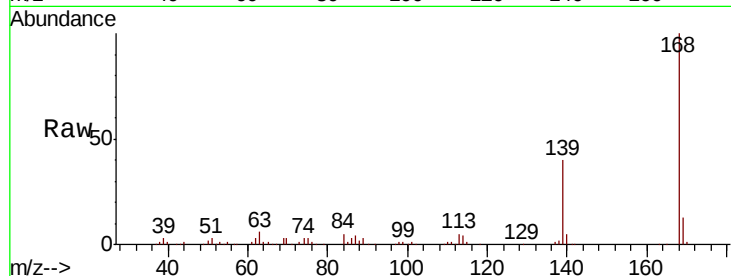
Tot Ion:168 Resp: 231964

Ion Ratio Lower Upper

168 100

139 39.7 29.4 44.0

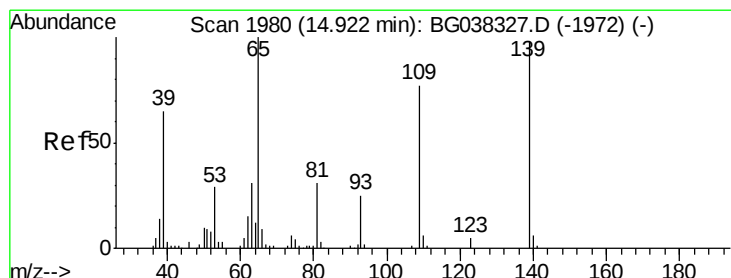
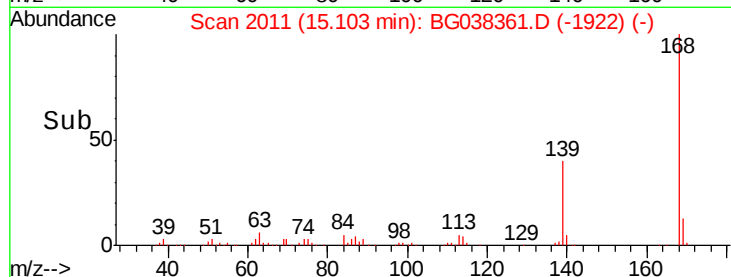
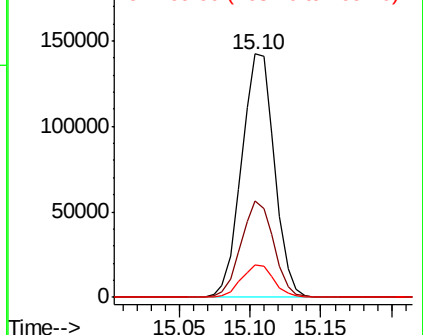
169 13.4 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 63.839 ng

RT: 14.92 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

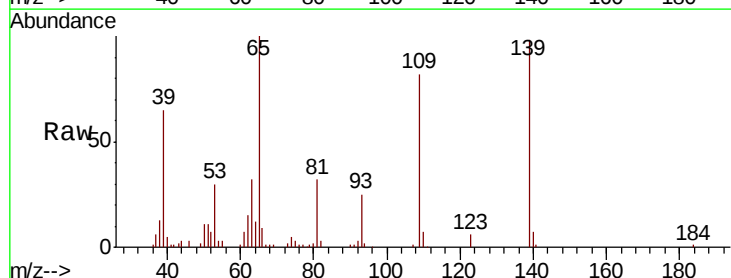
Tgt Ion:139 Resp: 76025

Ion Ratio Lower Upper

139 100

109 83.2 49.5 89.5

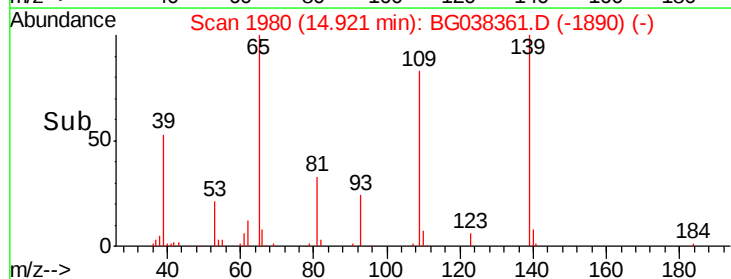
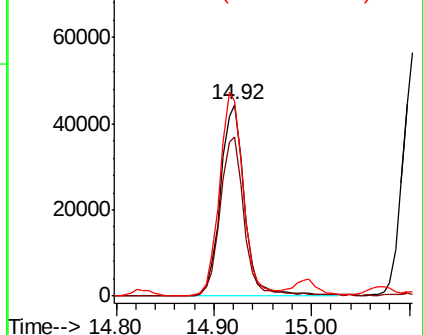
65 102.0 76.8 116.8

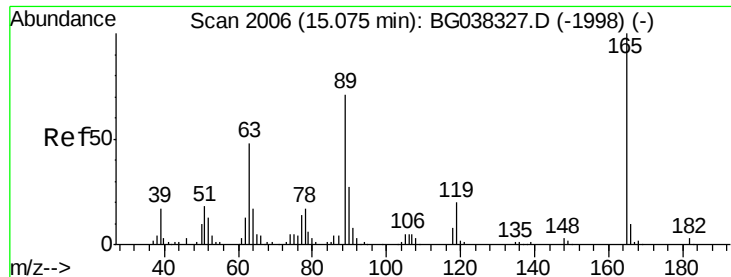


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

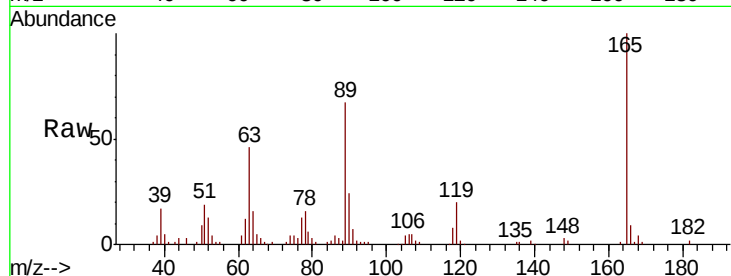




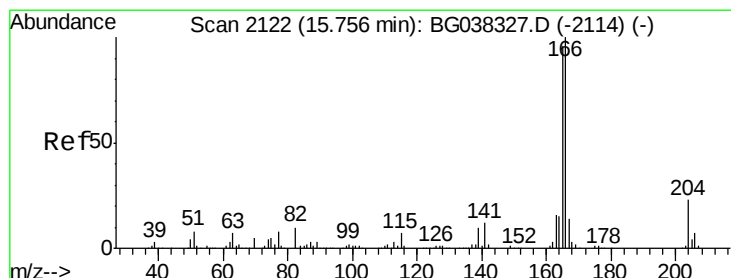
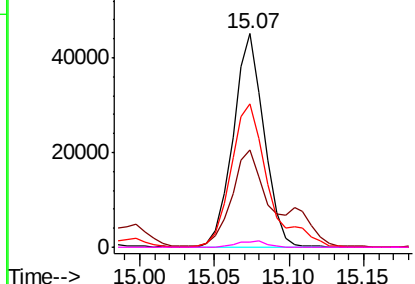
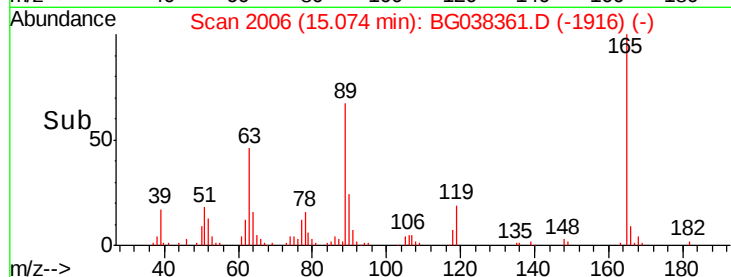
#57
2,4-Dinitrotoluene
Concen: 33.552 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.6	33.4	50.0
89	66.9	57.2	85.8
182	2.5	2.6	4.0

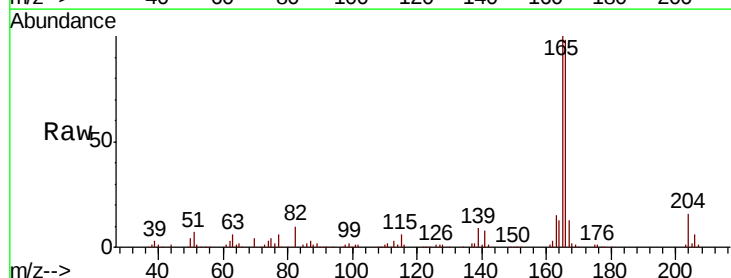


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

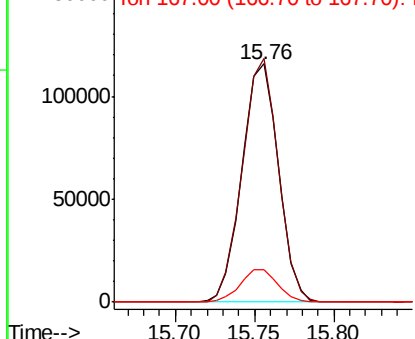
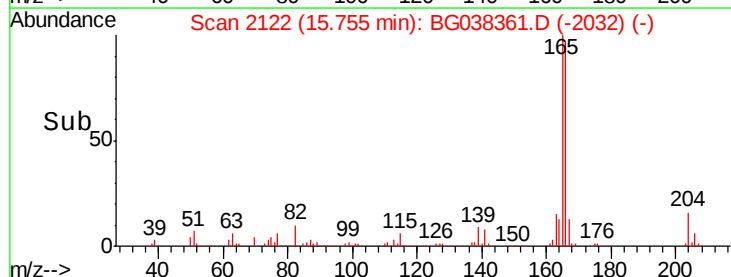


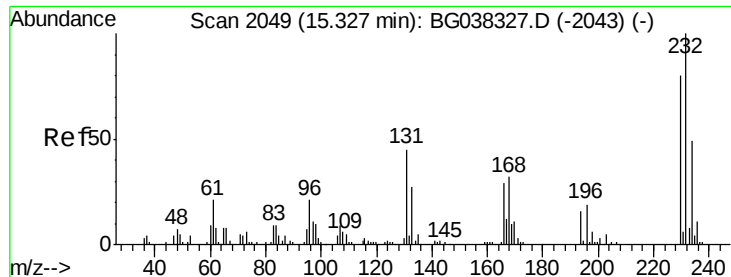
#58
Fluorene
Concen: 34.003 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.1	79.0	118.6
167	13.8	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

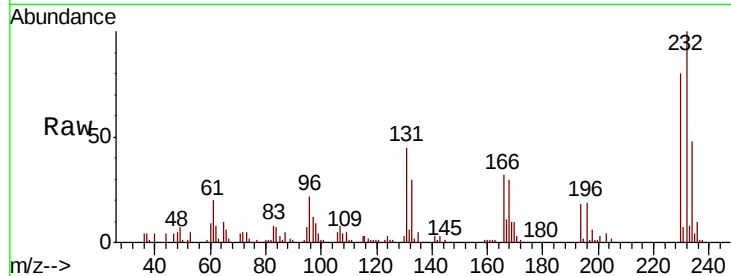




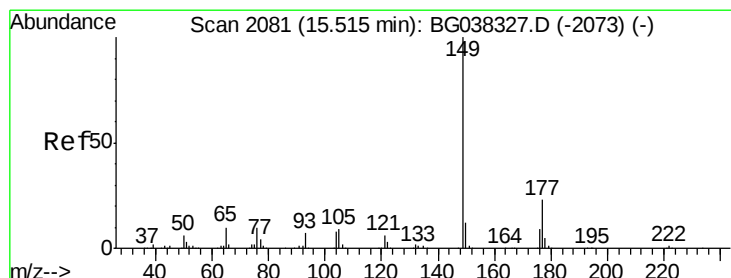
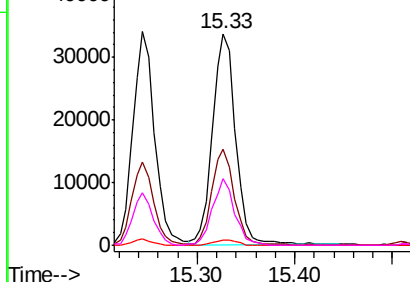
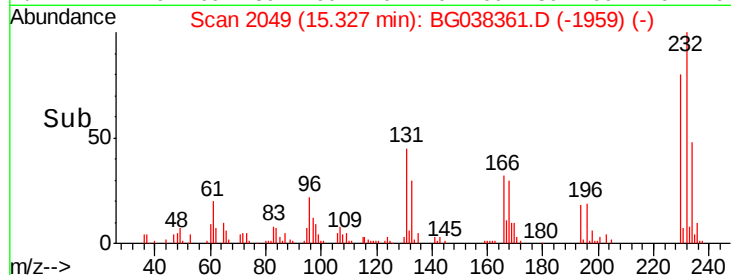
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.033 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 54892
 Ion Ratio Lower Upper
 232 100
 131 45.1 33.7 50.5
 130 2.5 2.1 3.1
 166 30.2 24.6 36.8

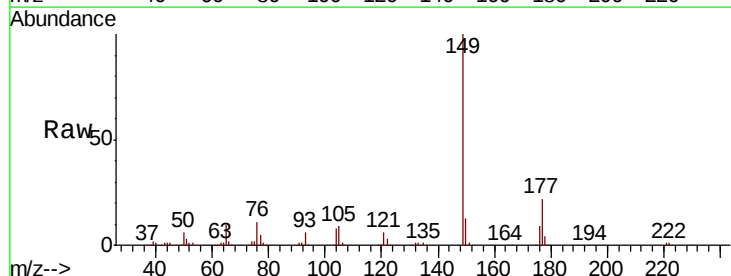


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

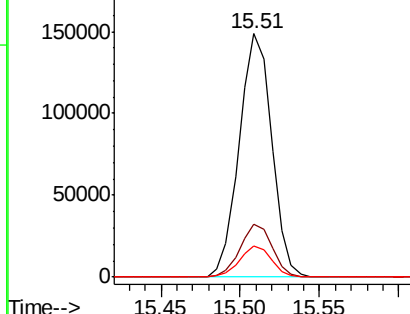
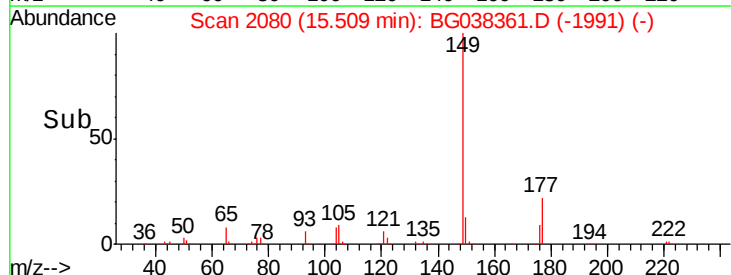


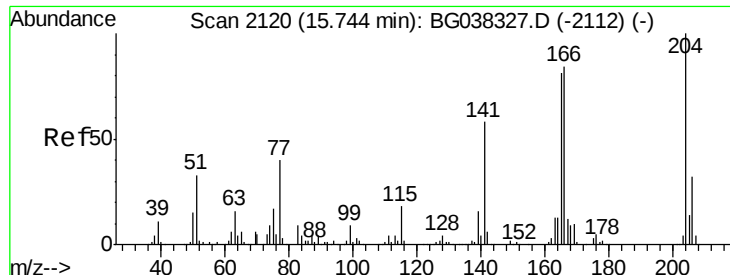
#60
 Diethylphthalate
 Concen: 31.246 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

Tgt Ion:149 Resp: 212127
 Ion Ratio Lower Upper
 149 100
 177 22.0 18.3 27.5
 150 12.7 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

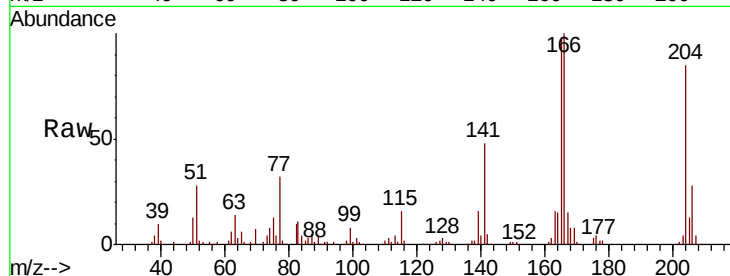




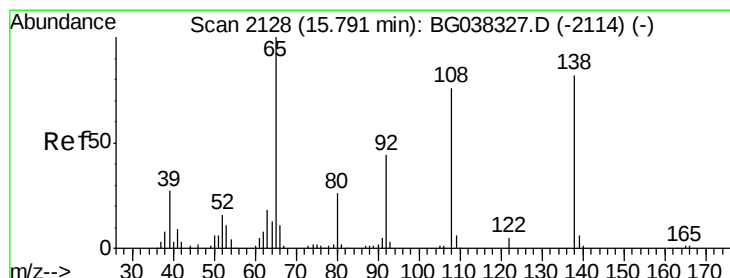
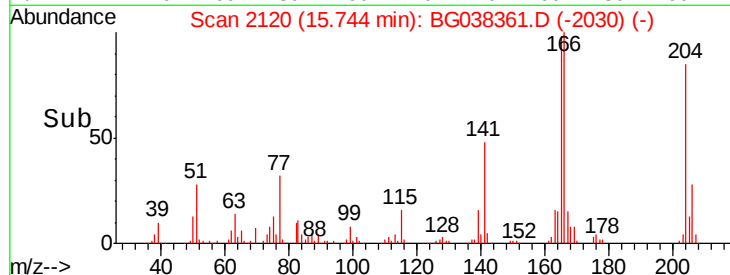
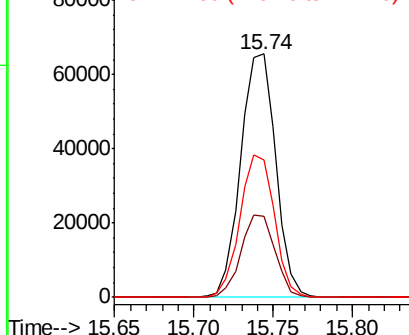
#61
4-Chlorophenyl-phenylether
Concen: 30.690 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 100458
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 56.3 45.4 68.2

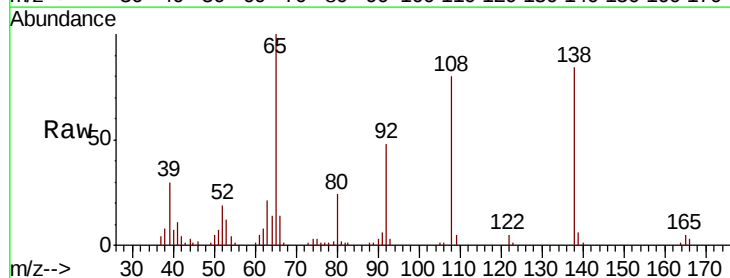


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

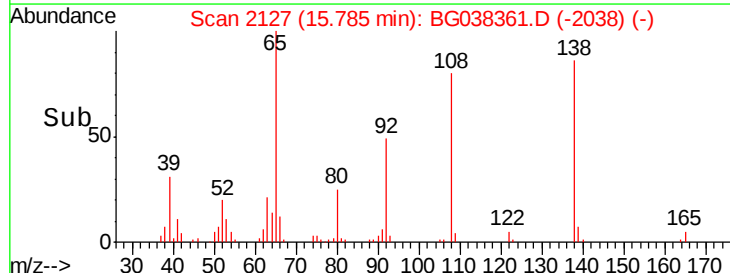
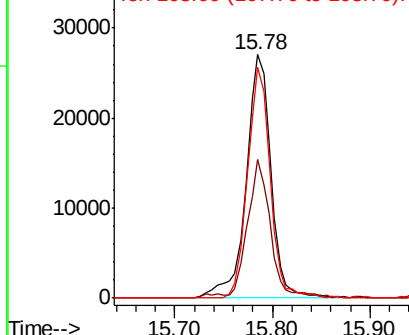


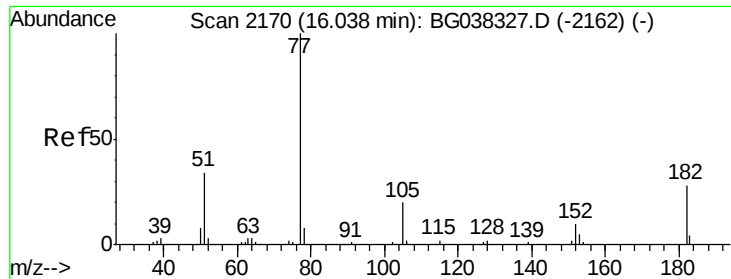
#62
4-Nitroaniline
Concen: 32.566 ng
RT: 15.78 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Tgt Ion:138 Resp: 48288
Ion Ratio Lower Upper
138 100
92 56.9 36.4 76.4
108 94.7 60.1 100.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 32.273 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 191750

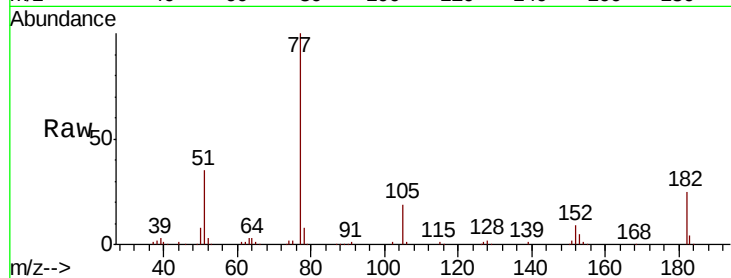
Ion Ratio Lower Upper

77 100

182 25.1 8.0 48.0

105 19.0 1.3 41.3

51 34.9 10.7 50.7

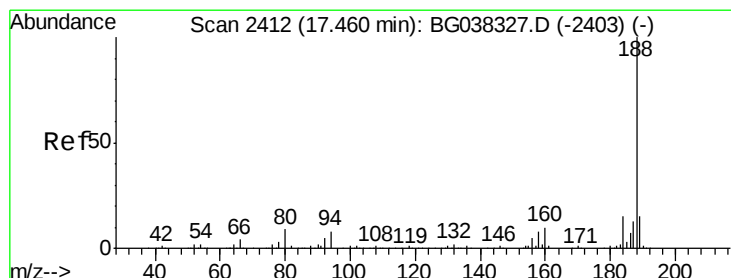
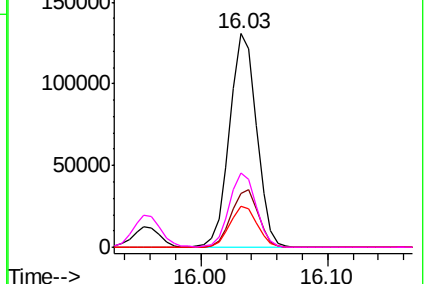
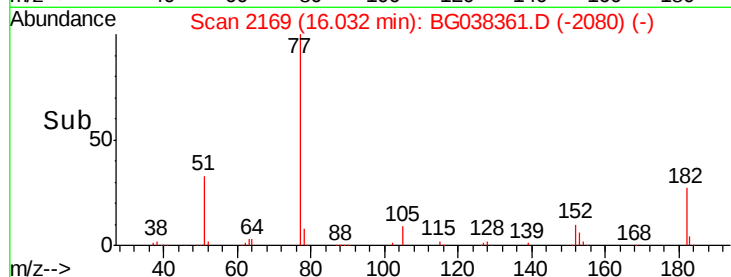


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

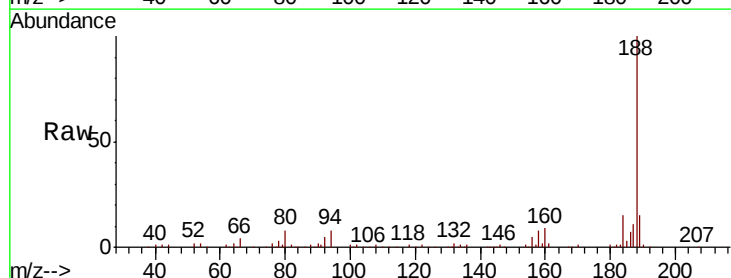
Tgt Ion: 188 Resp: 195238

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

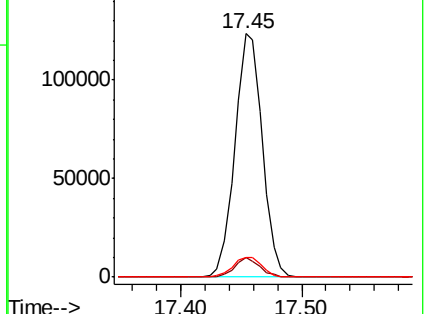
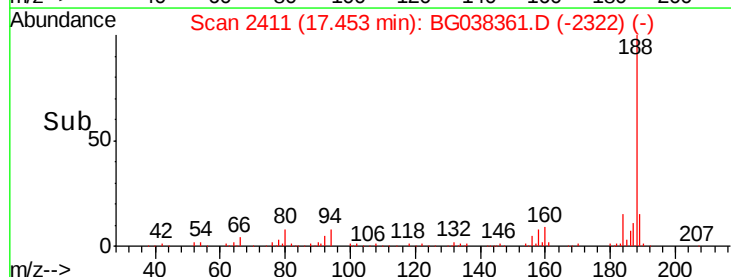
80 8.1 7.7 11.5

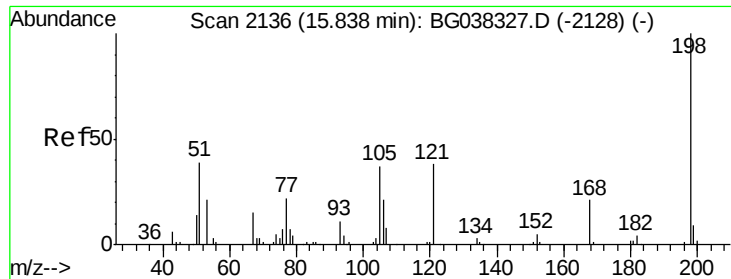


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

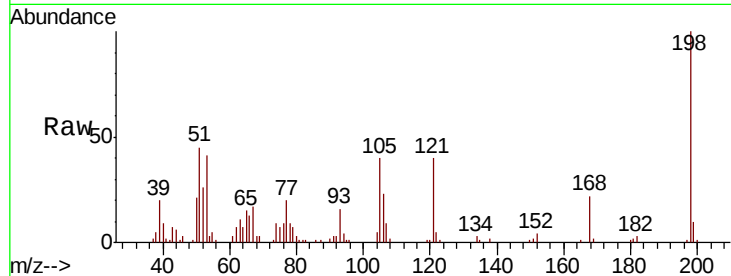




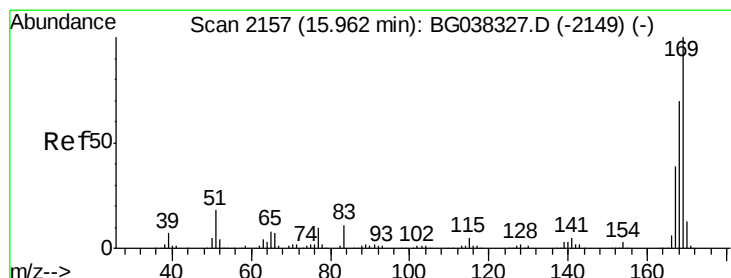
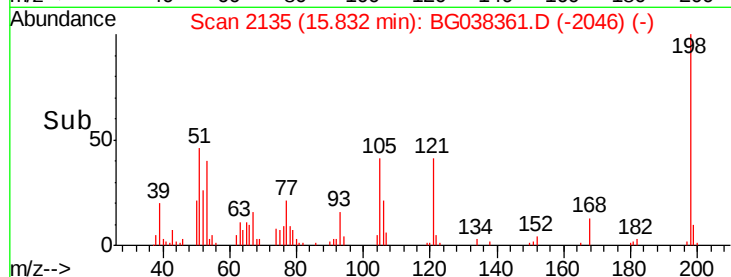
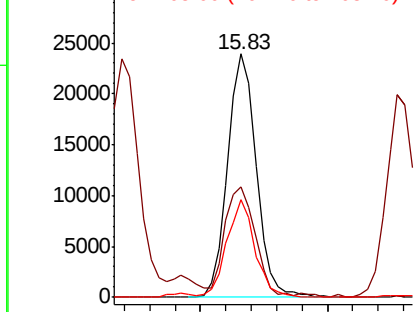
#65
 4,6-Dinitro-2-methylphenol
 Concen: 29.209 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 37365
 Ion Ratio Lower Upper
 198 100
 51 45.3 22.7 62.7
 105 40.2 19.7 59.7

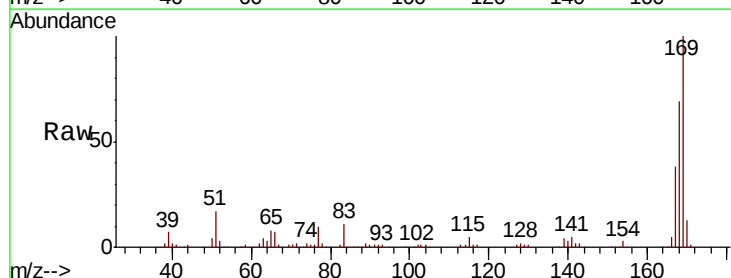


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

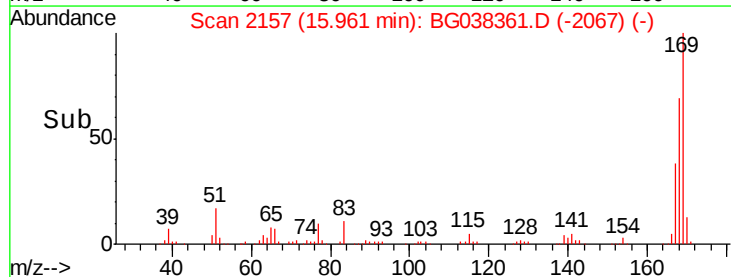
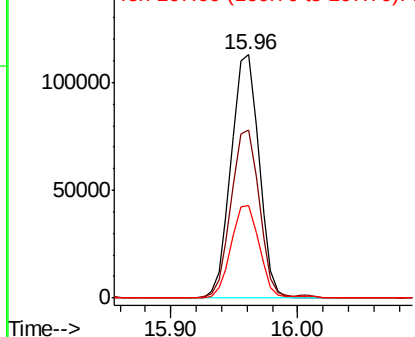


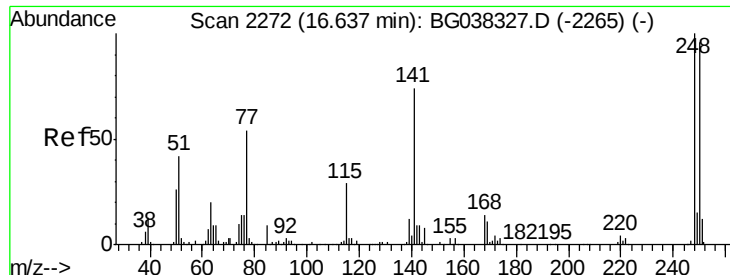
#66
 n-Nitrosodiphenylamine
 Concen: 31.367 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

Tgt Ion:169 Resp: 172208
 Ion Ratio Lower Upper
 169 100
 168 69.1 55.7 83.5
 167 37.9 31.3 46.9



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

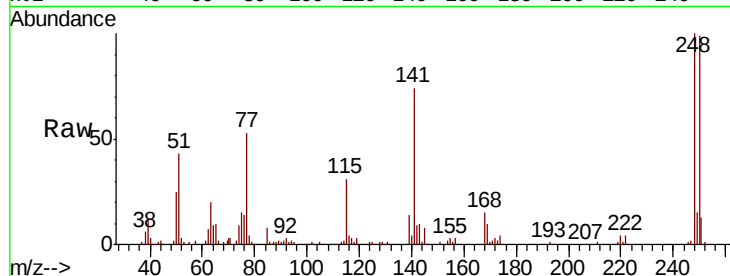




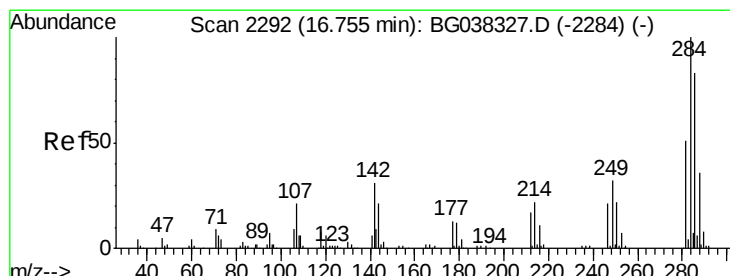
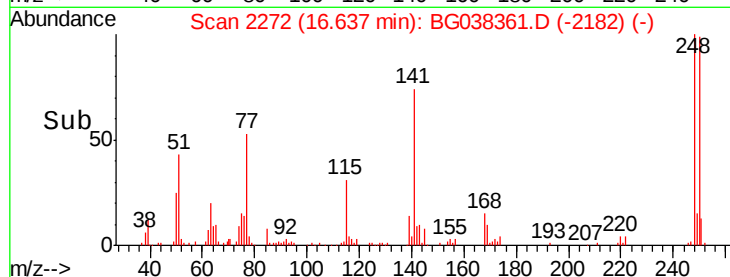
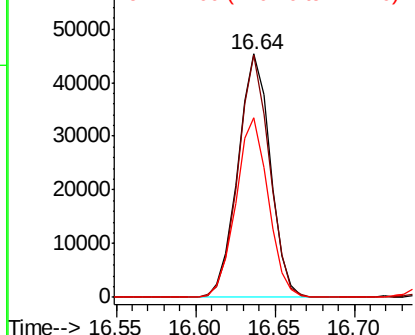
#67
4-Bromophenyl-phenylether
Concen: 30.403 ng
RT: 16.64 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 64101
Ion Ratio Lower Upper
248 100
250 99.5 77.0 115.6
141 73.6 55.5 83.3

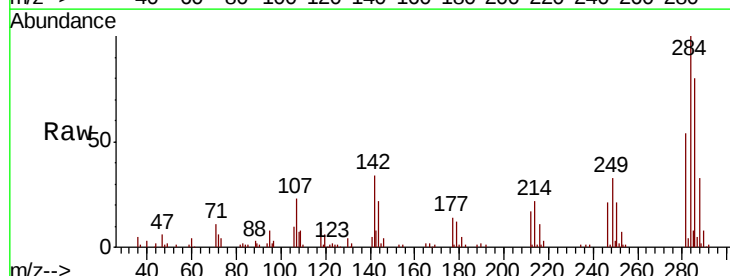


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

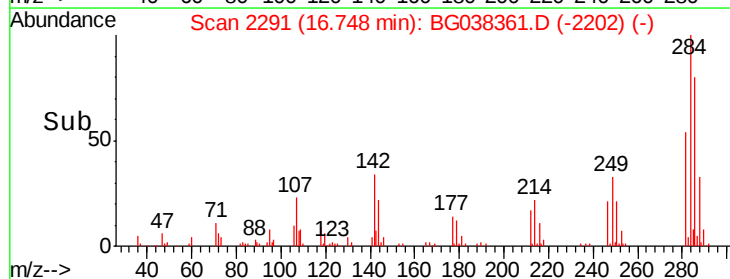
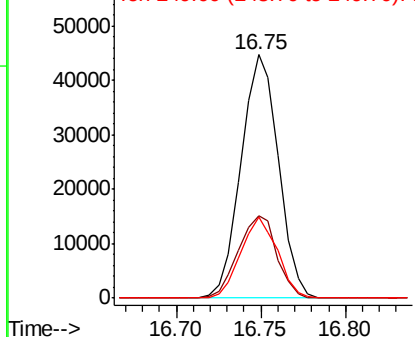


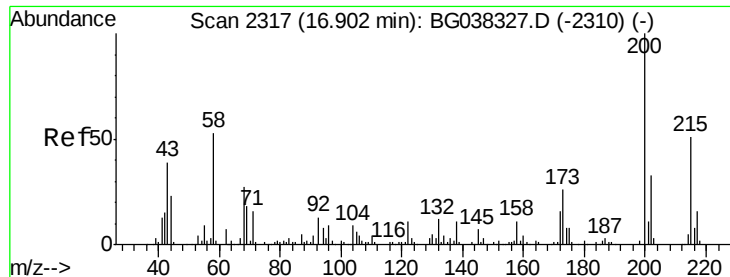
#68
Hexachlorobenzene
Concen: 31.700 ng
RT: 16.75 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Tgt Ion:284 Resp: 68937
Ion Ratio Lower Upper
284 100
142 33.7 28.1 42.1
249 35.8 29.8 44.8



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

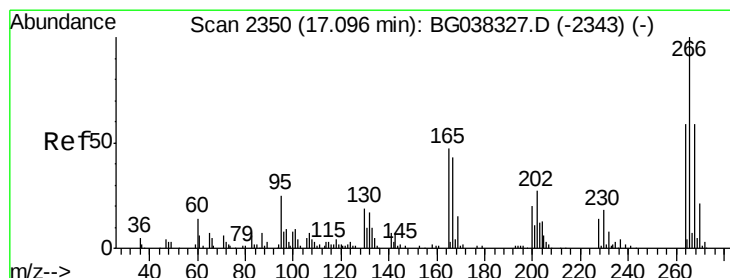
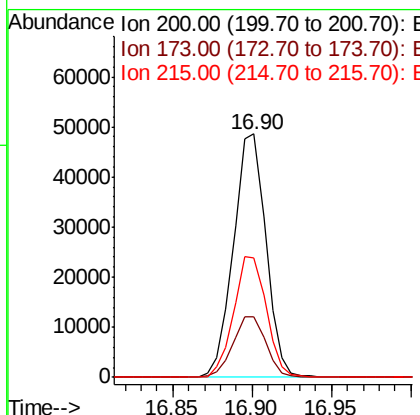
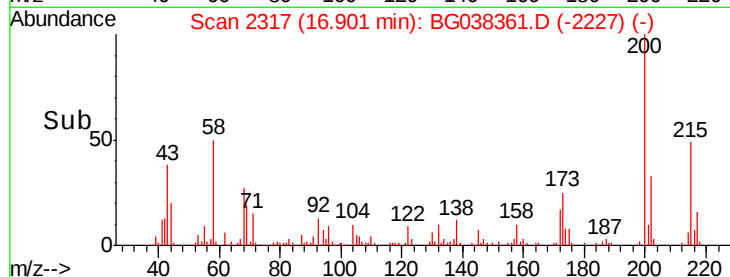
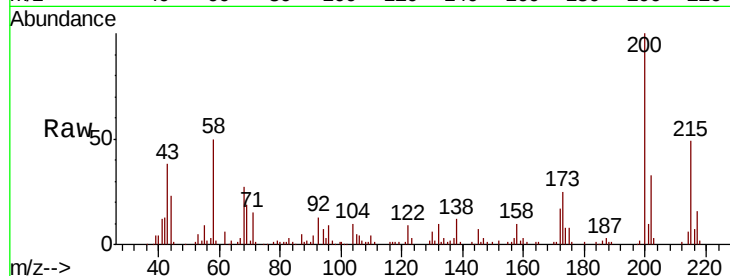




#69
Atrazine
Concen: 33.770 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

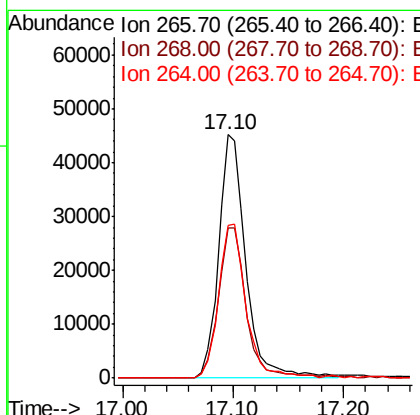
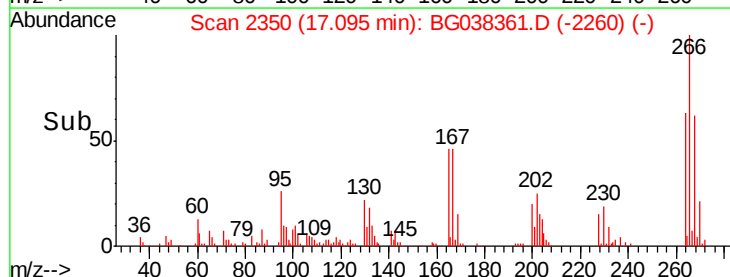
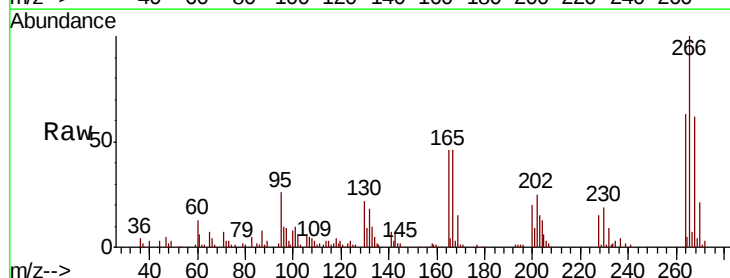
Instrument :
BNA_G
ClientSampleId :

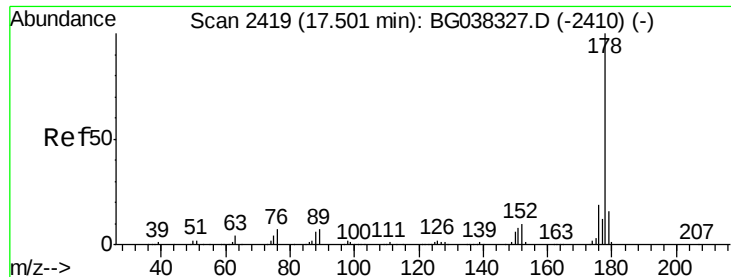
Tot Ion:200 Resp: 69182
Ion Ratio Lower Upper
200 100
173 25.0 6.1 46.1
215 49.2 30.8 70.8



#70
Pentachlorophenol
Concen: 51.848 ng
RT: 17.10 min Scan# 2350
Delta R.T. -0.00 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Tgt Ion:266 Resp: 77230
Ion Ratio Lower Upper
266 100
268 66.0 55.0 82.6
264 68.1 58.9 88.3

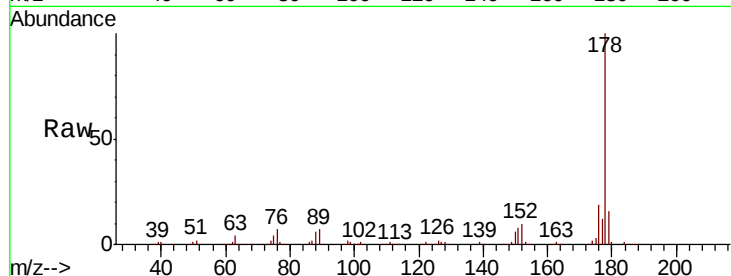




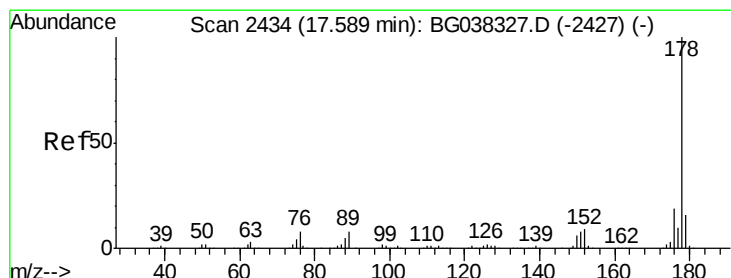
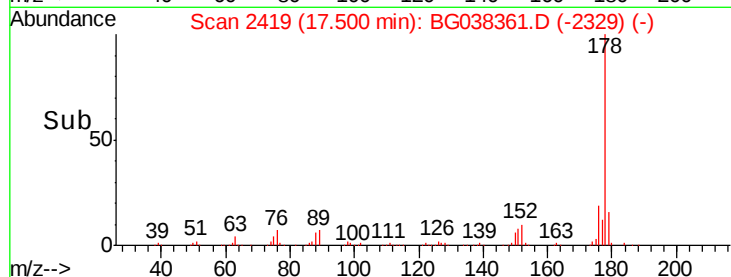
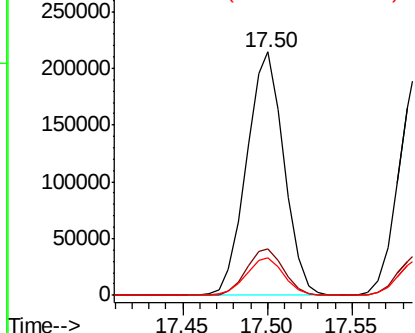
#71
Phenanthrene
Concen: 33.579 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:178 Resp: 328311
Ion Ratio Lower Upper
178 100
176 19.1 16.1 24.1
179 15.5 13.0 19.4

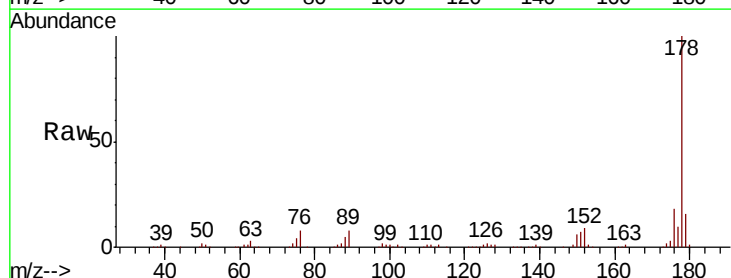


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

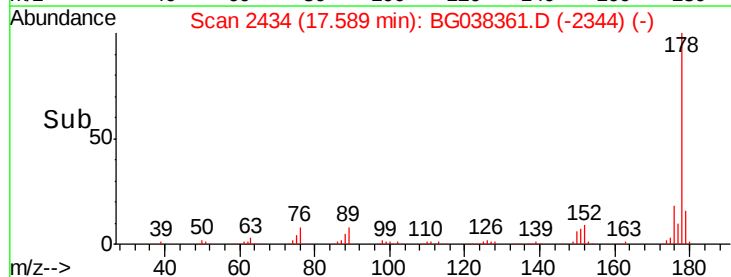
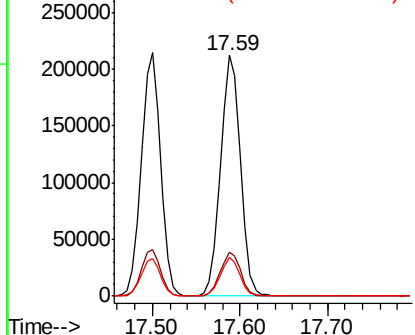


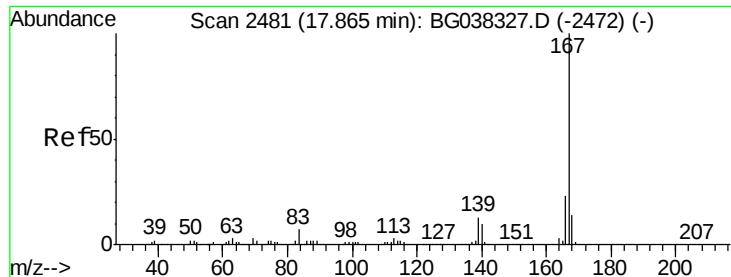
#72
Anthracene
Concen: 35.467 ng
RT: 17.59 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Tgt Ion:178 Resp: 335821
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 32.558 ng

RT: 17.86 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampled :

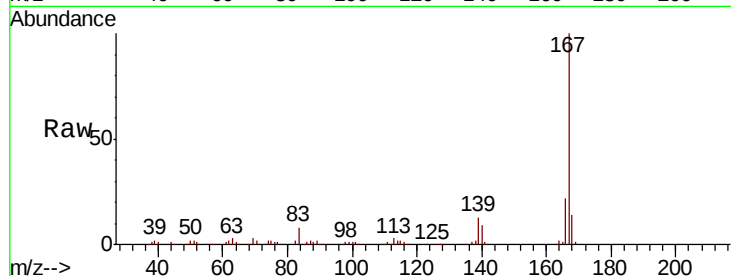
Tot Ion:167 Resp: 305963

Ion Ratio Lower Upper

167 100

166 21.6 18.3 27.5

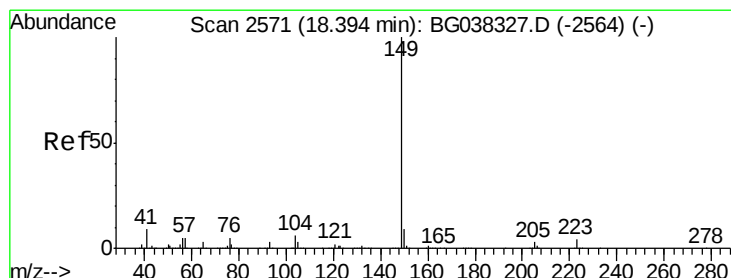
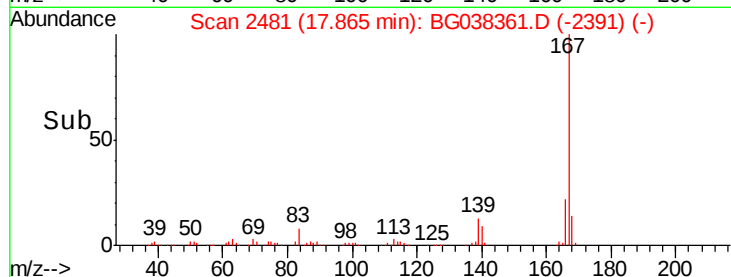
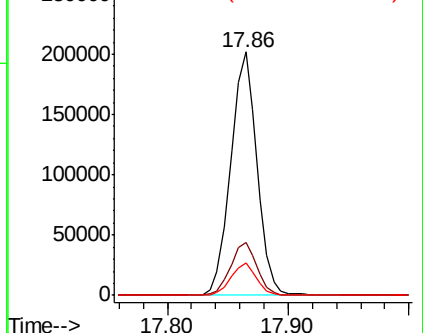
139 13.1 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 33.951 ng

RT: 18.39 min Scan# 2571

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

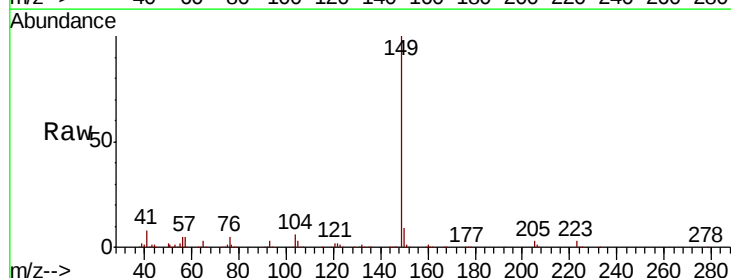
Tgt Ion:149 Resp: 372735

Ion Ratio Lower Upper

149 100

150 9.4 8.2 12.2

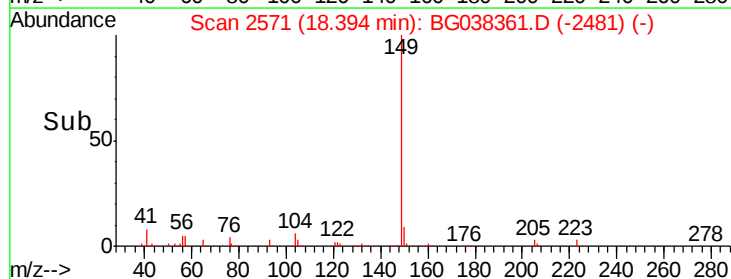
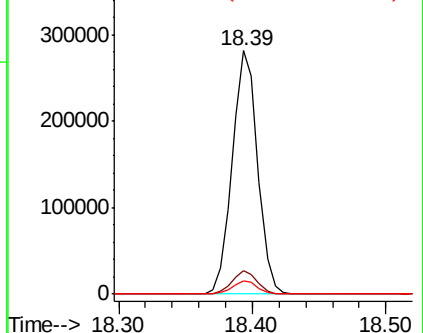
104 5.5 4.0 6.0

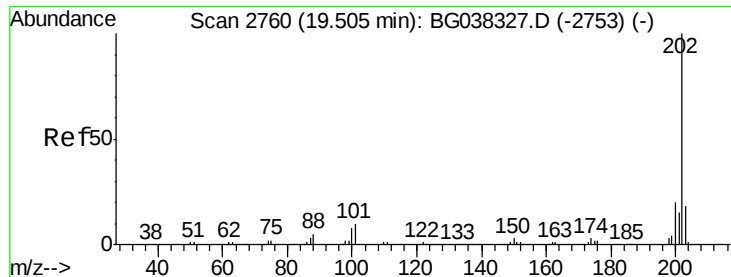


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

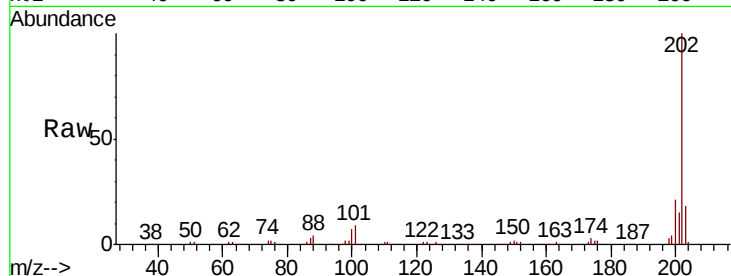




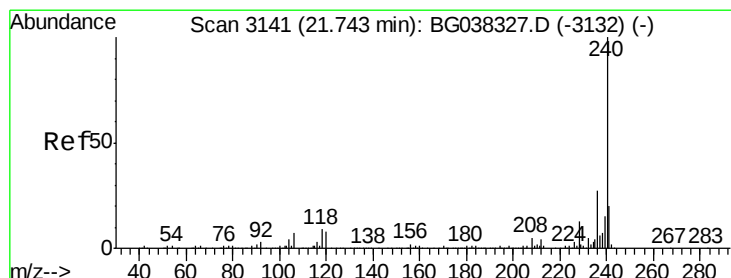
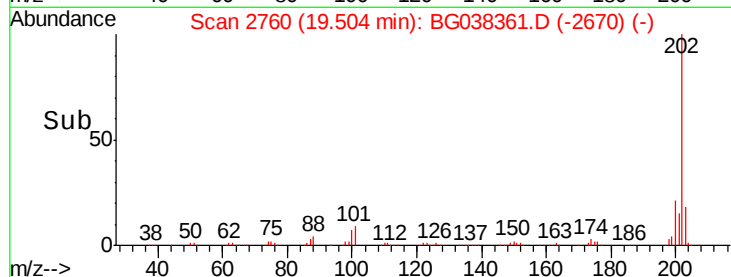
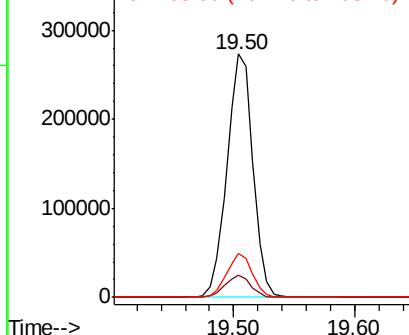
#75
 Fluoranthene
 Concen: 35.547 ng
 RT: 19.50 min Scan# 2760
 Delta R.T. -0.00 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
202	100	406067		
101	9.0		0.0	30.7
203	18.2		0.0	38.5

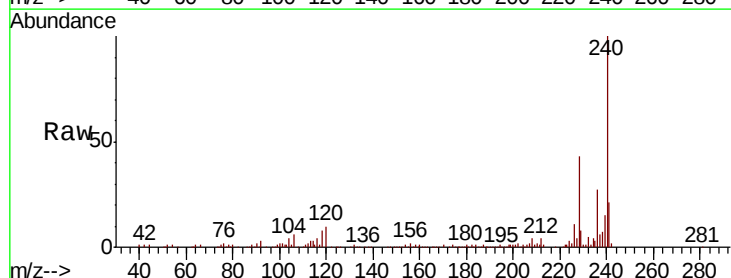


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

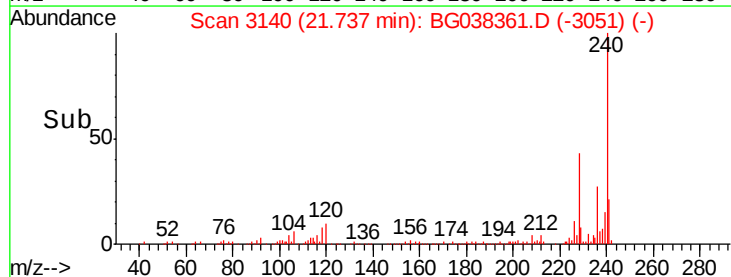
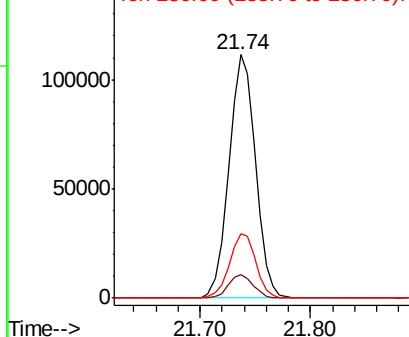


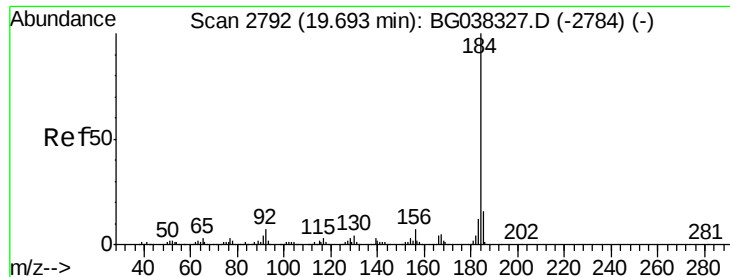
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG038361.D
 Acq: 5 Dec 2018 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	187542		
120	9.7		8.1	12.1
236	26.5		21.4	32.0



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.186 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampleId :

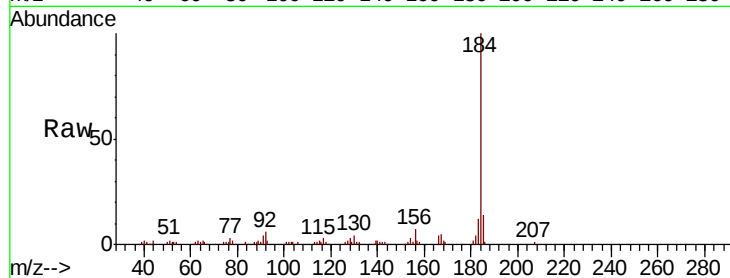
Tot Ion:184 Resp: 83451

Ion Ratio Lower Upper

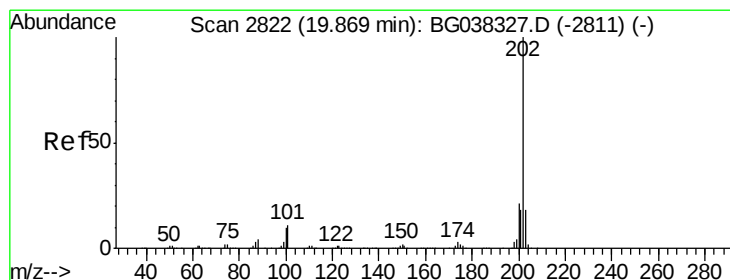
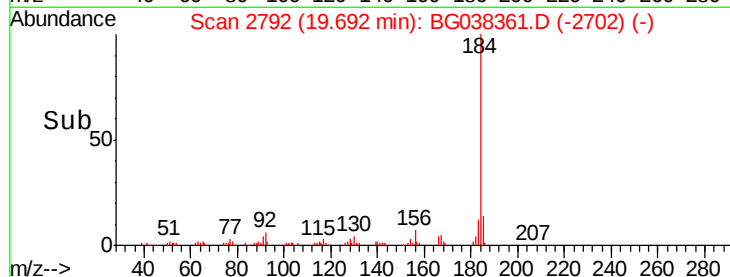
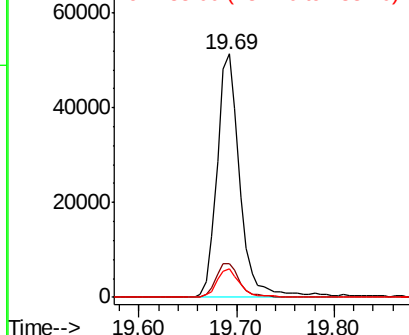
184 100

185 13.8 12.6 18.8

183 11.7 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 31.176 ng

RT: 19.87 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

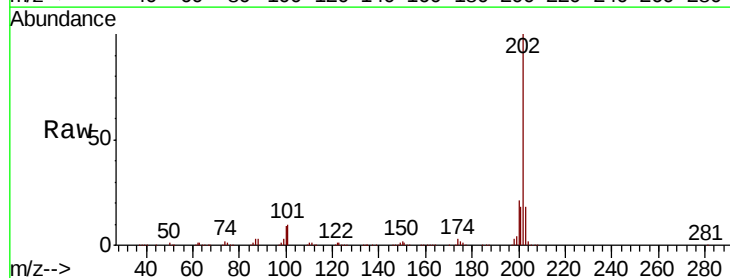
Tgt Ion:202 Resp: 409084

Ion Ratio Lower Upper

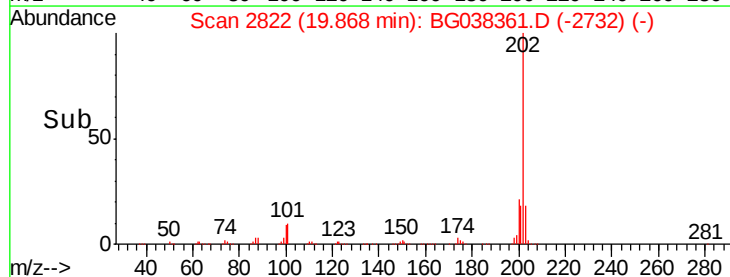
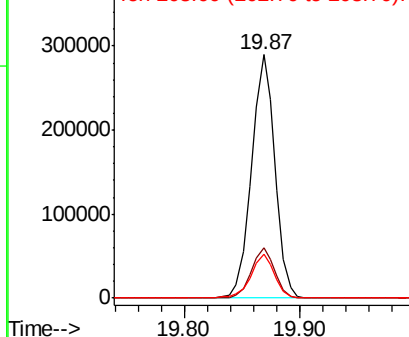
202 100

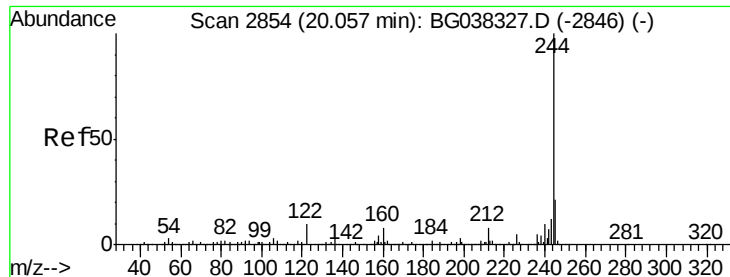
200 20.8 17.8 26.6

203 17.8 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.646 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038361.D

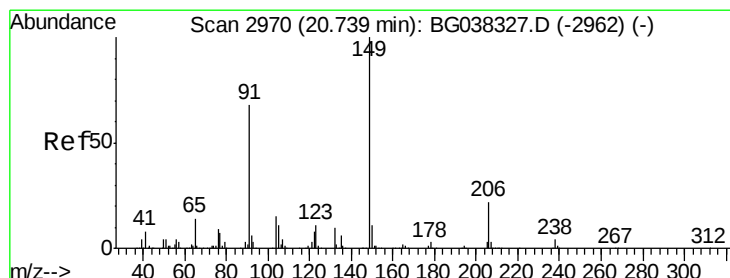
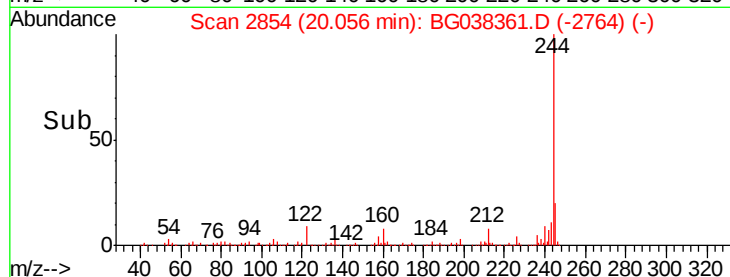
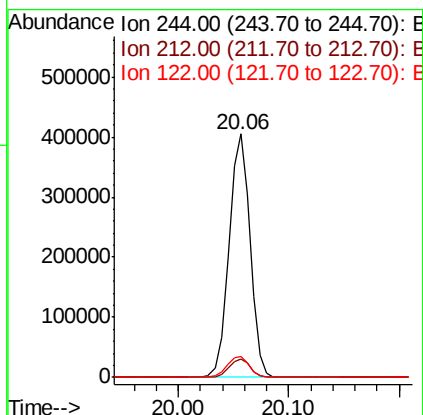
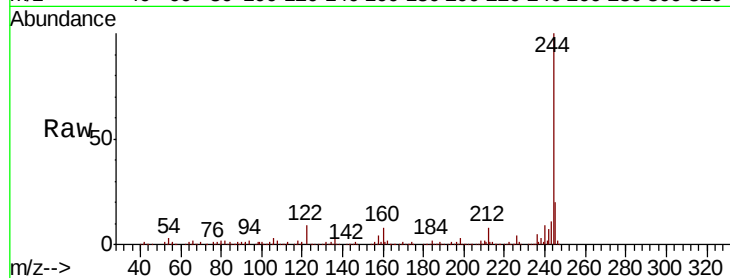
Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampled :

Tot Ion:	244	Resp:	539675
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	8.8	9.0	13.4#



#80

Butylbenzylphthalate

Concen: 31.163 ng

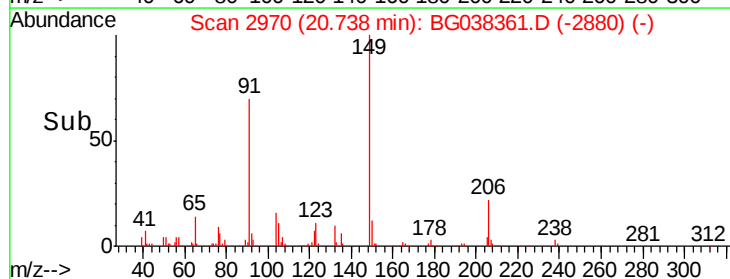
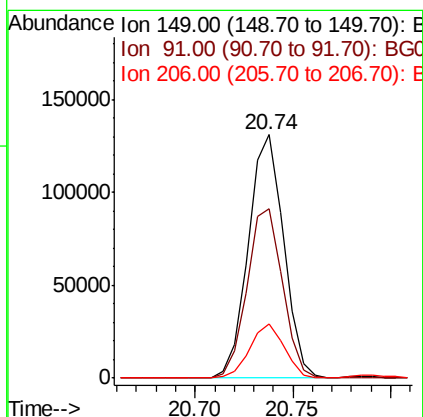
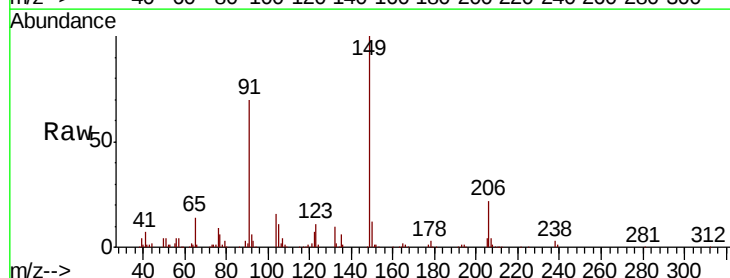
RT: 20.74 min Scan# 2970

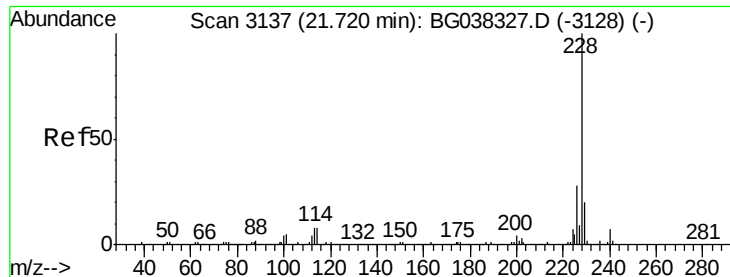
Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Tgt Ion:	149	Resp:	164467
Ion	Ratio	Lower	Upper
149	100		
91	69.5	57.0	85.4
206	22.5	17.8	26.6





#81

Benzo(a)anthracene

Concen: 33.104 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

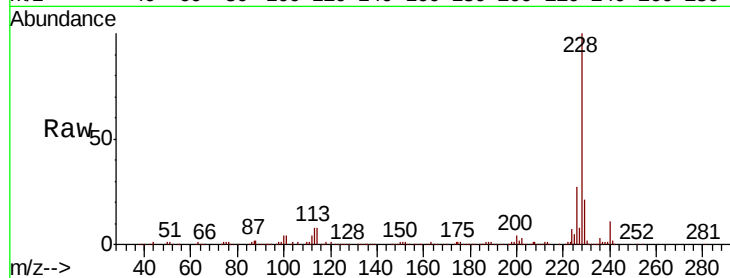
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 381570

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	21.0	16.3	24.5

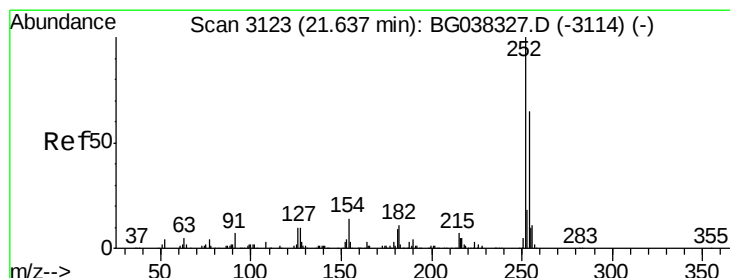
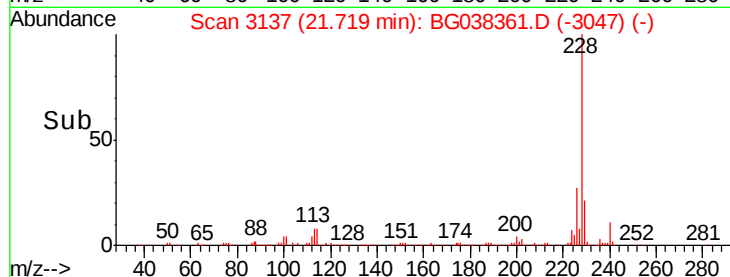
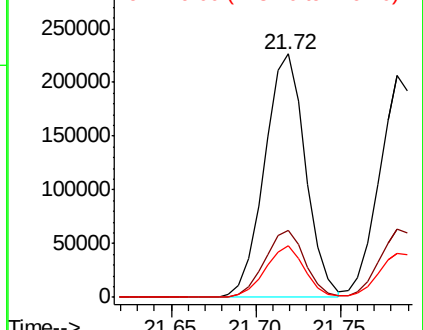


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 13.589 ng

RT: 21.63 min Scan# 3122

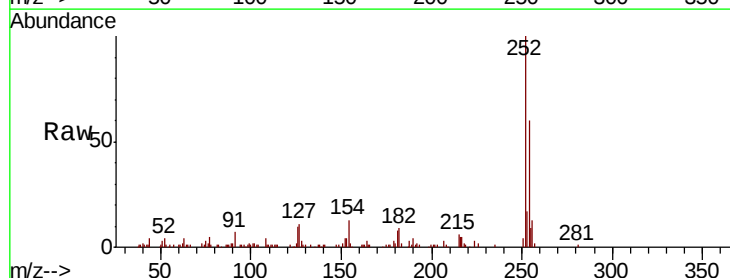
Delta R.T. -0.01 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Tgt Ion:252 Resp: 60931

Ion	Ratio	Lower	Upper
252	100		
254	60.3	52.0	78.0
126	9.5	8.2	12.4

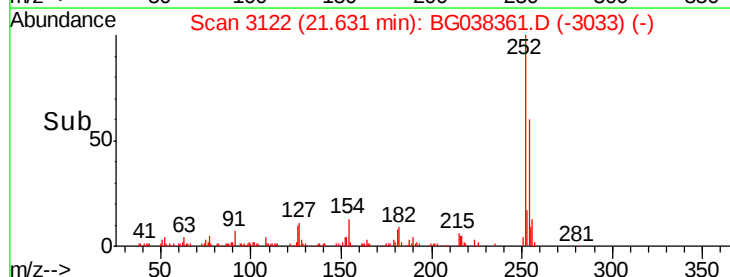
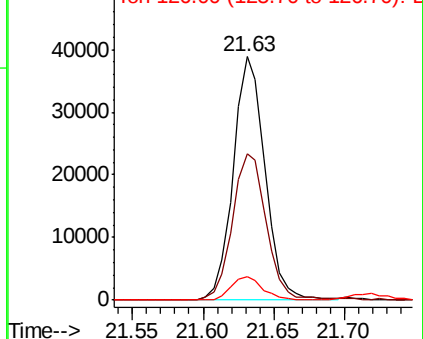


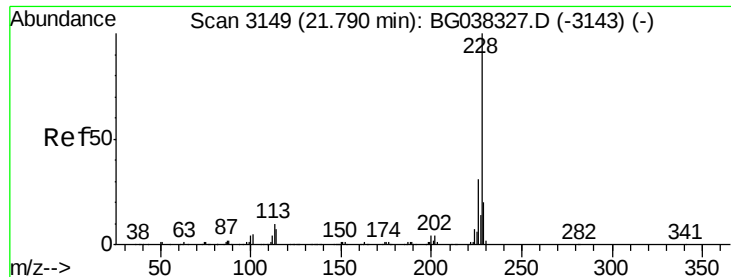
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 32.166 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampleId :

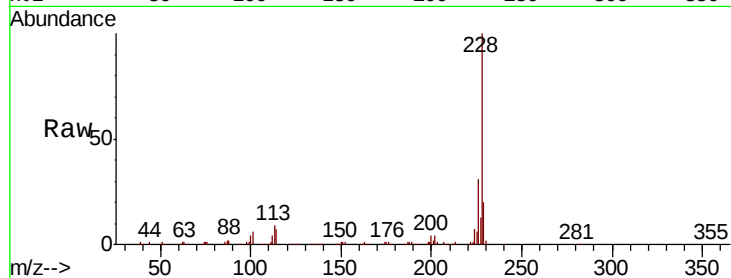
Tot Ion:228 Resp: 350852

Ion Ratio Lower Upper

228 100

226 30.5 25.7 38.5

229 20.0 16.5 24.7

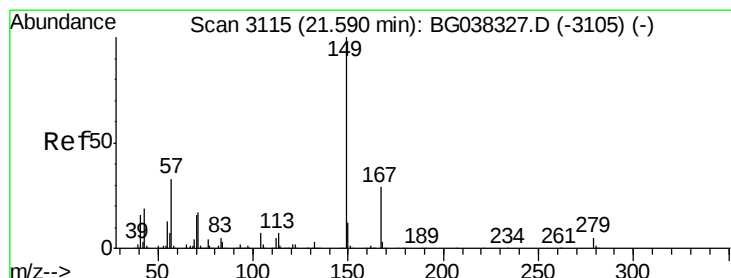
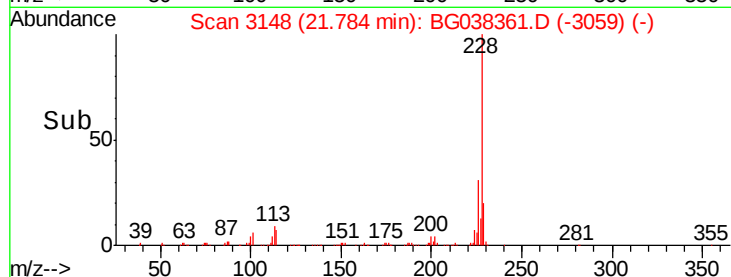
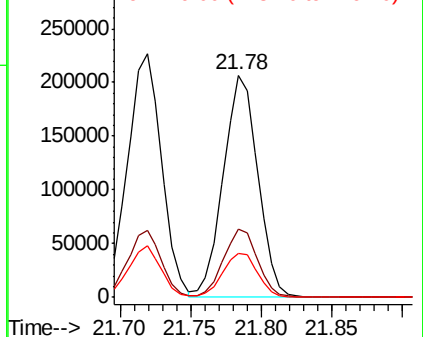


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 30.778 ng

RT: 21.58 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

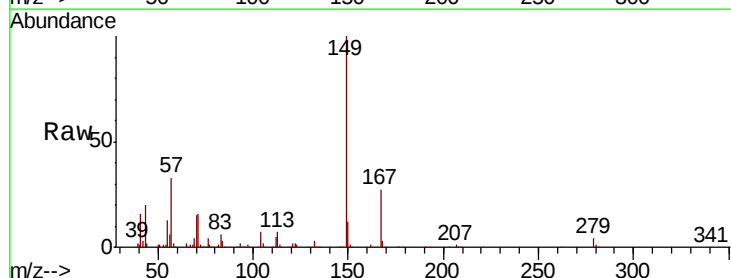
Tgt Ion:149 Resp: 230235

Ion Ratio Lower Upper

149 100

167 27.4 23.0 34.4

279 4.0 3.6 5.4

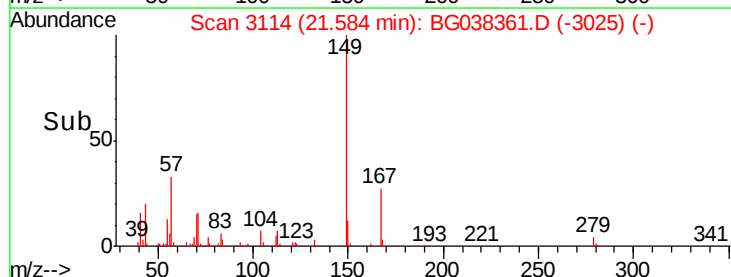
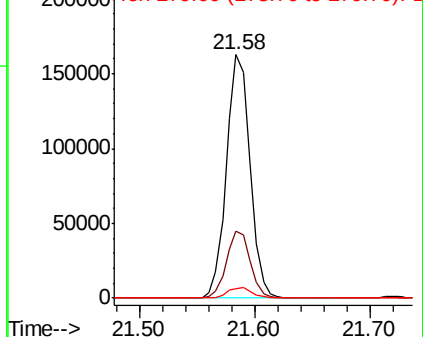


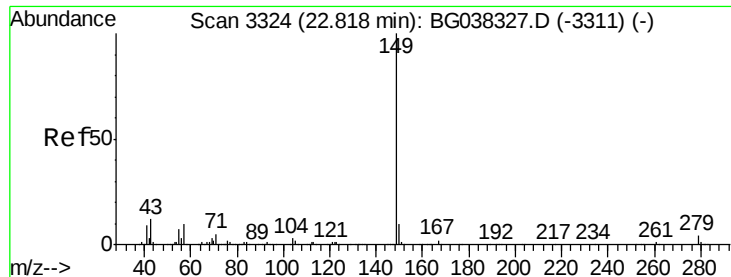
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

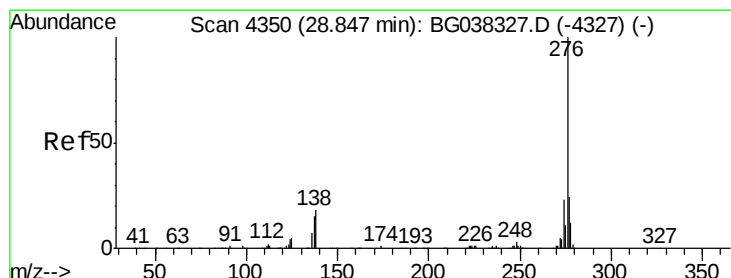
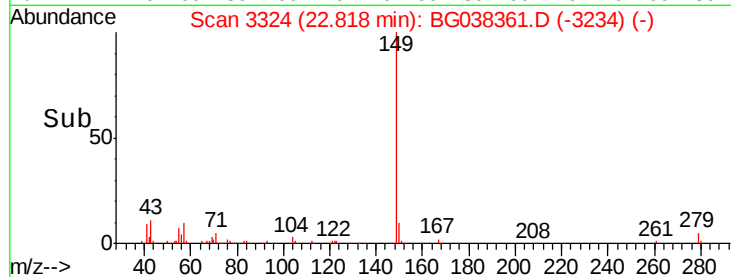
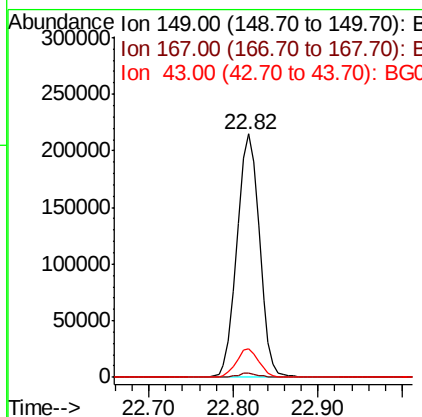
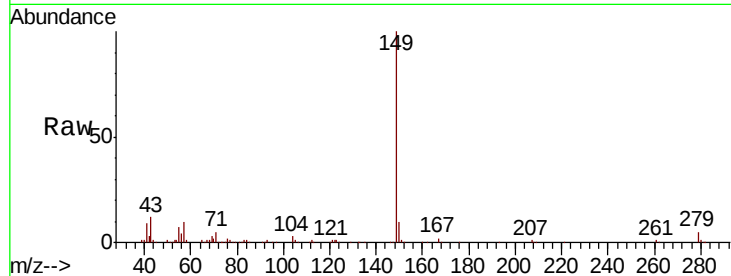




#85
Di-n-octyl phthalate
Concen: 30.616 ng
RT: 22.82 min Scan# 3324
Delta R.T. -0.00 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

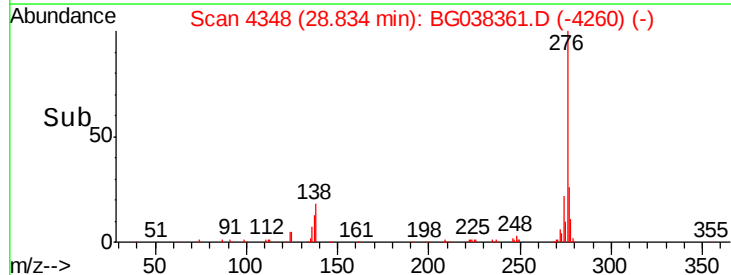
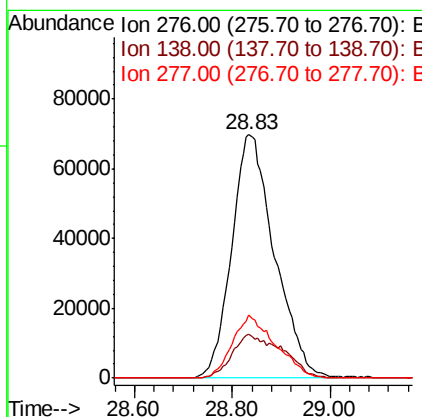
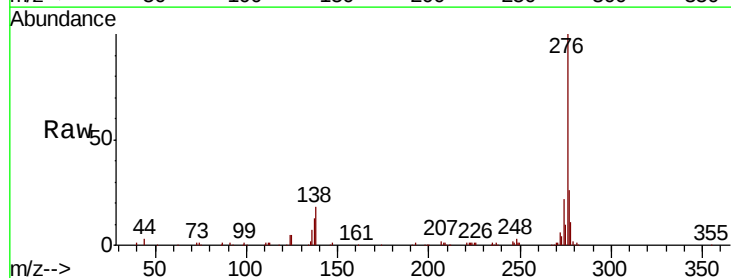
Instrument :
BNA_G
ClientSampled :

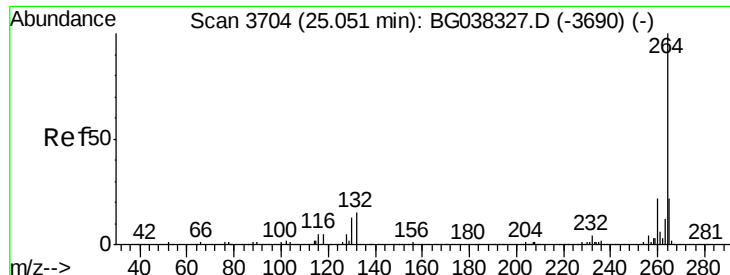
Tot Ion:149 Resp: 392703
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.8 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.313 ng
RT: 28.83 min Scan# 4348
Delta R.T. -0.01 min
Lab File: BG038361.D
Acq: 5 Dec 2018 15:39

Tgt Ion:276 Resp: 425355
Ion Ratio Lower Upper
276 100
138 21.2 12.0 18.0#
277 25.9 20.6 30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampleId :

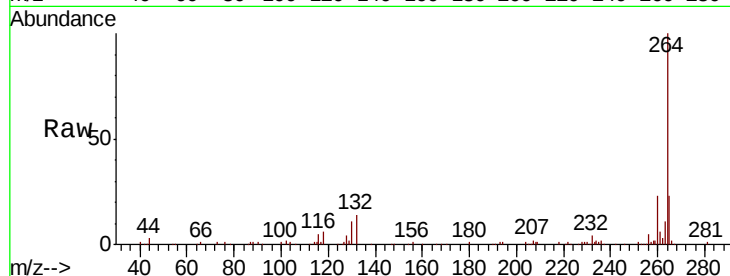
Tot Ion:264 Resp: 200015

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

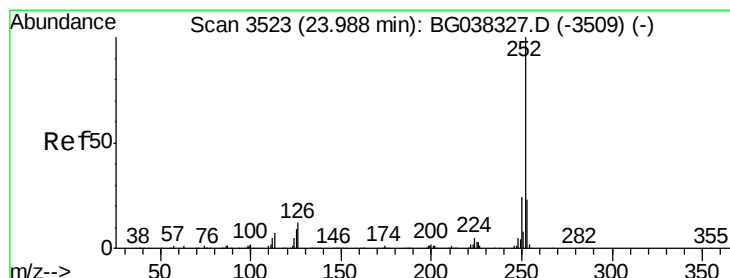
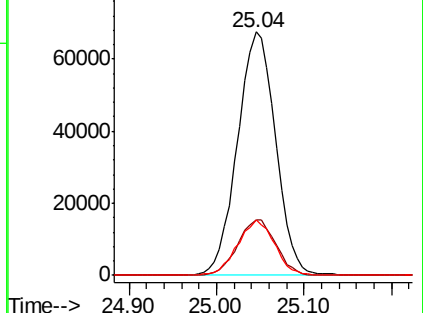
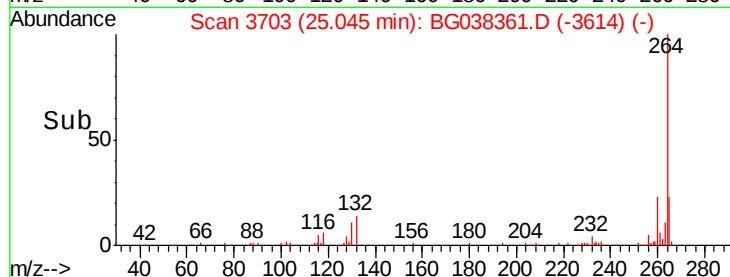
265 22.7 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 32.275 ng

RT: 23.99 min Scan# 3523

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

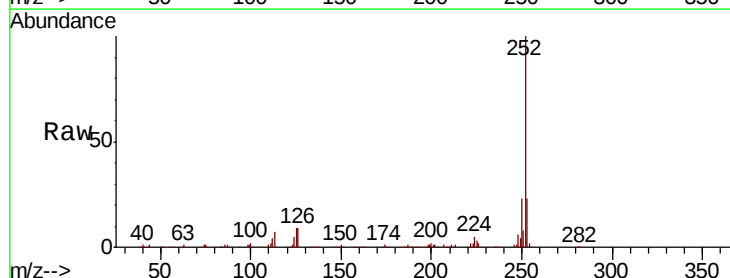
Tgt Ion:252 Resp: 364754

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.2

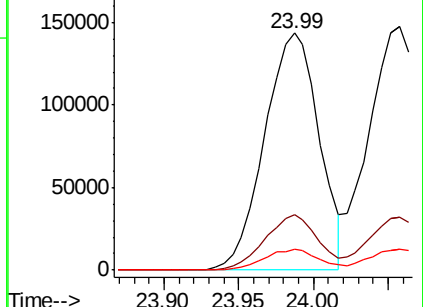
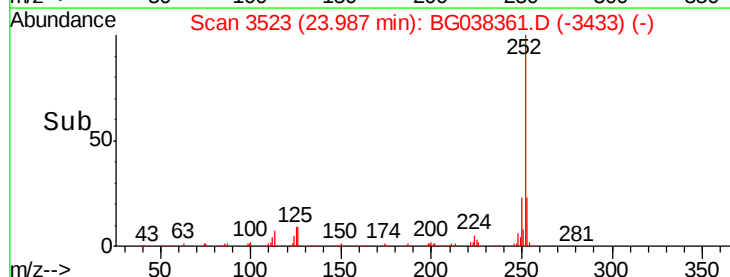
125 8.8 7.8 11.6

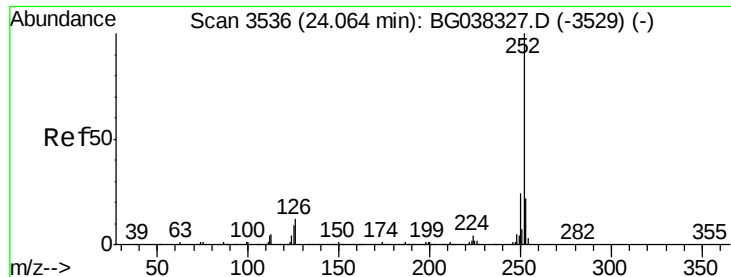


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 31.747 ng

RT: 24.06 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampleId :

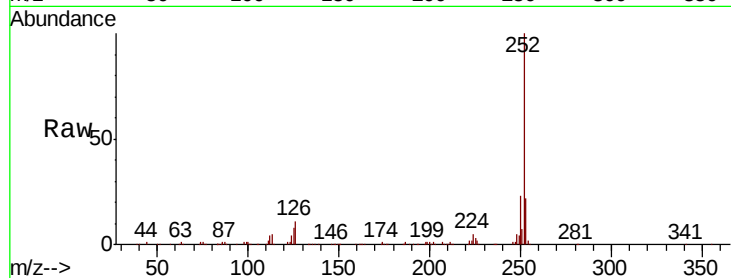
Tot Ion:252 Resp: 357345

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 8.3 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

200000

150000

100000

50000

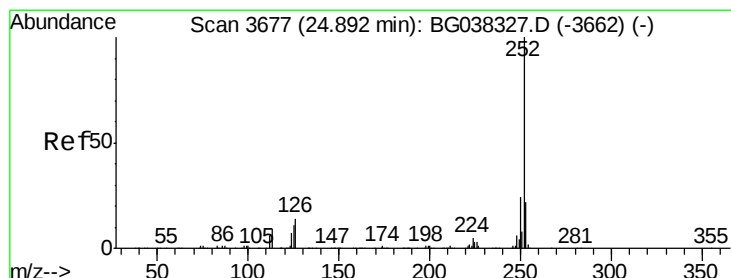
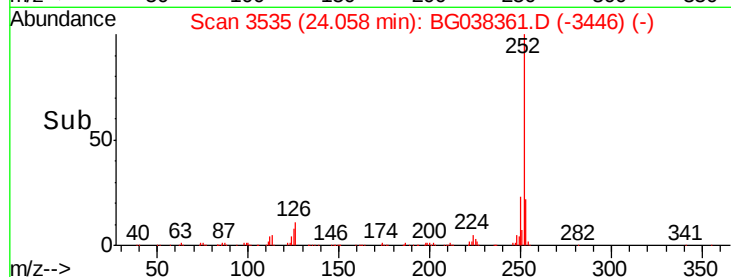
0

24.06

24.00

24.10

Time-->



#90

Benzo(a)pyrene

Concen: 33.002 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.00 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

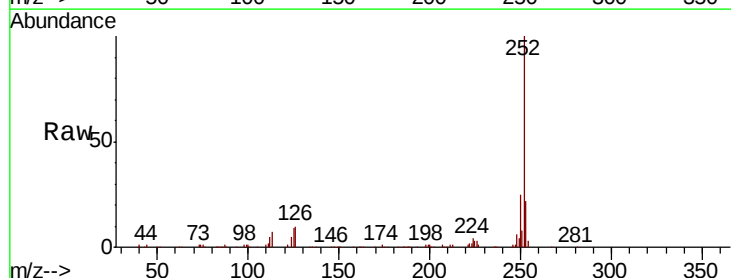
Tgt Ion:252 Resp: 361781

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 8.9 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

150000

100000

50000

0

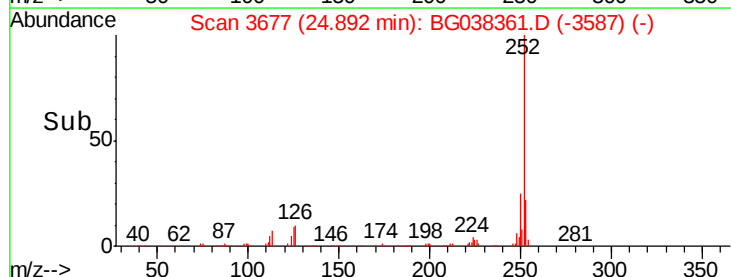
24.89

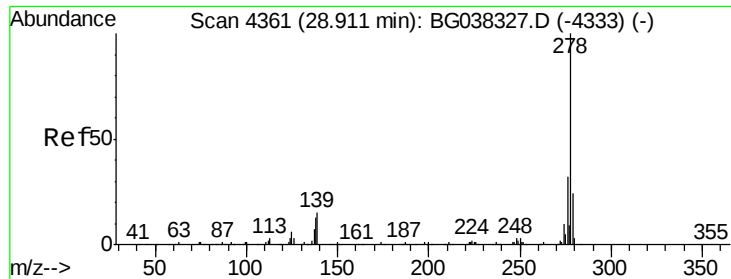
24.80

24.90

25.00

Time-->





#91

Dibenzo(a,h)anthracene

Concen: 34.231 ng

RT: 28.90 min Scan# 4360

Delta R.T. -0.01 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

Instrument :

BNA_G

ClientSampleId :

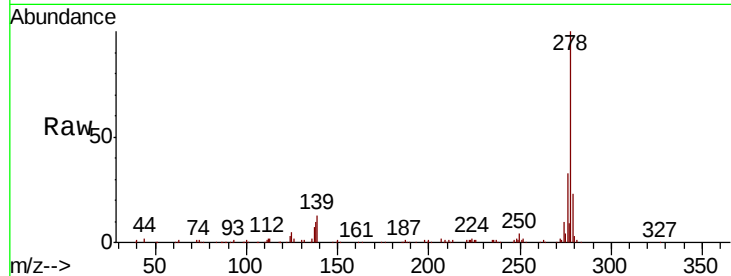
Tot Ion:278 Resp: 355908

Ion Ratio Lower Upper

278 100

139 12.7 11.5 17.3

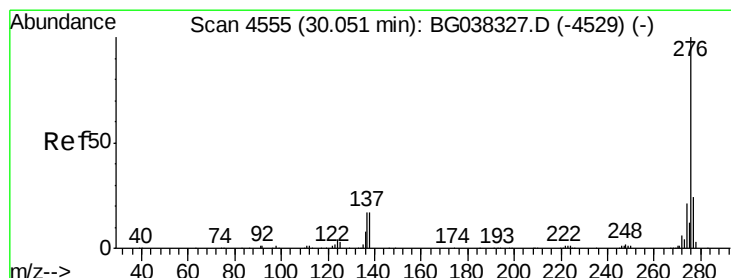
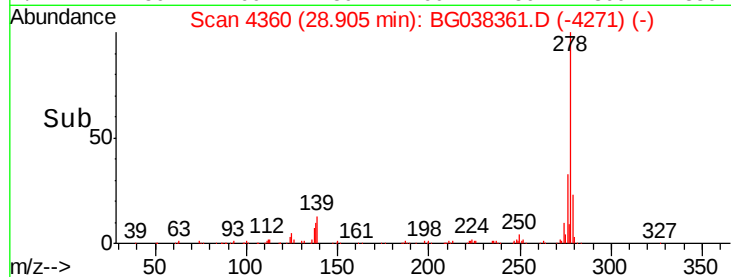
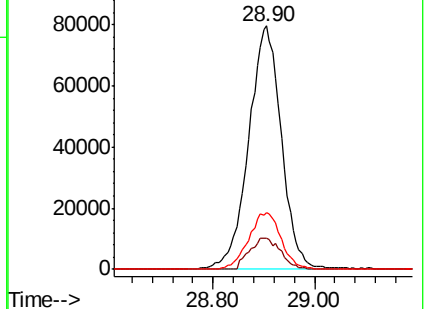
279 23.1 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 33.985 ng

RT: 30.04 min Scan# 4553

Delta R.T. -0.01 min

Lab File: BG038361.D

Acq: 5 Dec 2018 15:39

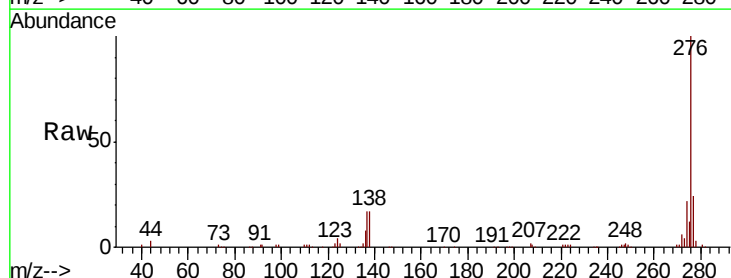
Tgt Ion:276 Resp: 350576

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 17.2 17.2 25.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

