

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122018\
 Data File : BG038778.D
 Acq On : 21 Dec 2018 1:28
 Operator : JU/SJ
 Sample : PB115875BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BSD

Quant Time: Dec 21 04:09:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	27165	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	106707	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	69913	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	172531	20.00	ng	0.00
76) Chrysene-d12	21.72	240	173996	20.00	ng	0.00
87) Perylene-d12	25.02	264	188883	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	128317	83.78	ng	0.00
7) Phenol-d6	7.21	99	172908	82.24	ng	0.00
23) Nitrobenzene-d5	9.24	82	152984	73.24	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	84996	88.21	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	398813	78.26	ng	0.00
79) Terphenyl-d14	20.04	244	629230	78.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	18582	26.068	ng	# 87
3) Pyridine	3.89	79	54672	27.858	ng	96
4) n-Nitrosodimethylamine	3.82	42	34414	35.788	ng	# 87
6) Aniline	7.38	93	30699	11.438	ng	98
8) 2-Chlorophenol	7.62	128	69590	39.263	ng	99
9) Benzaldehyde	7.20	77	53990	39.583	ng	98
10) Phenol	7.24	94	86844	38.878	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	56865	31.975	ng	99
12) 1,3-Dichlorobenzene	7.94	146	72769	34.724	ng	99
13) 1,4-Dichlorobenzene	8.09	146	74510	34.716	ng	96
14) 1,2-Dichlorobenzene	8.41	146	70400	34.793	ng	97
15) Benzyl Alcohol	8.30	79	61339	37.376	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	121879	29.917	ng	98
17) 2-Methylphenol	8.50	107	58794	39.285	ng	99
18) Hexachloroethane	9.14	117	25791	32.885	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	46877	31.744	ng	97
20) 3+4-Methylphenols	8.83	107	80931	39.156	ng	96
22) Acetophenone	8.89	105	99053	37.164	ng	# 97
24) Nitrobenzene	9.28	77	76291	36.105	ng	98
25) Isophorone	9.79	82	134931	35.954	ng	99
26) 2-Nitrophenol	9.99	139	38097	35.227	ng	97
27) 2,4-Dimethylphenol	10.03	122	67929	43.827	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	77163	36.435	ng	97
29) 2,4-Dichlorophenol	10.52	162	75679	43.890	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	78909	37.886	ng	98
31) Naphthalene	10.93	128	210651	40.066	ng	99
32) Benzoic acid	10.19	122	20814	26.829	ng	# 87
33) 4-Chloroaniline	11.04	127	16842	7.378	ng	94
34) Hexachlorobutadiene	11.18	225	52145	37.000	ng	94
35) Caprolactam	11.83	113	23314	32.672	ng	# 88
36) 4-Chloro-3-methylphenol	12.15	107	77035	39.150	ng	94
37) 2-Methylnaphthalene	12.52	142	159391	42.495	ng	96
38) 1-Methylnaphthalene	12.74	142	152314	41.848	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	97708	37.388	ng	99

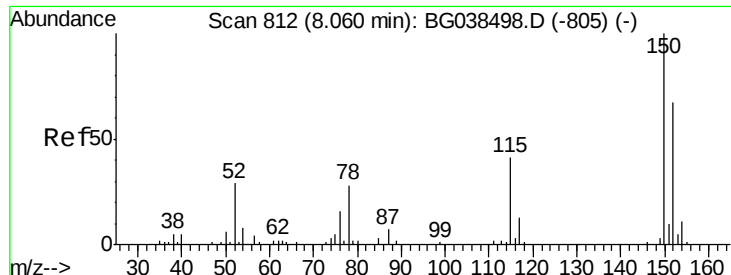
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122018\
 Data File : BG038778.D
 Acq On : 21 Dec 2018 1:28
 Operator : JU/SJ
 Sample : PB115875BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BSD

Quant Time: Dec 21 04:09:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	106677	74.301	ng	97
43) 2,4,6-Trichlorophenol	13.21	196	70241	43.714	ng	97
44) 2,4,5-Trichlorophenol	13.21	196	70241	41.287	ng	97
46) 1,1'-Biphenyl	13.53	154	212605	36.275	ng	100
47) 2-Chloronaphthalene	13.58	162	169838	37.514	ng	97
48) 2-Nitroaniline	13.79	65	52237	36.224	ng	97
49) Acenaphthylene	14.42	152	273715	40.442	ng	98
50) Dimethylphthalate	14.15	163	216972	38.003	ng	98
51) 2,6-Dinitrotoluene	14.27	165	49220	38.042	ng	93
52) Acenaphthene	14.76	154	158127	39.072	ng	100
53) 3-Nitroaniline	14.61	138	17765	13.469	ng	# 84
54) 2,4-Dinitrophenol	14.82	184	34406	46.979	ng	97
55) Dibenzofuran	15.09	168	266661	38.438	ng	97
56) 4-Nitrophenol	14.92	139	72706	72.666	ng	98
57) 2,4-Dinitrotoluene	15.06	165	68246	37.450	ng	97
58) Fluorene	15.74	166	214904	41.812	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	66366	43.359	ng	95
60) Diethylphthalate	15.50	149	220253	35.142	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	121886	38.008	ng	98
62) 4-Nitroaniline	15.78	138	50702	37.340	ng	97
63) Azobenzene	16.02	77	185160	35.364	ng	97
65) 4,6-Dinitro-2-methylphenol	15.83	198	35424	28.782	ng	85
66) n-Nitrosodiphenylamine	15.94	169	196474	38.757	ng	96
67) 4-Bromophenyl-phenylether	16.62	248	81645	38.748	ng	97
68) Hexachlorobenzene	16.74	284	85138	38.978	ng	97
69) Atrazine	16.89	200	78000	41.461	ng	98
70) Pentachlorophenol	17.09	266	79268	61.355	ng	97
71) Phenanthrene	17.49	178	369861	41.340	ng	98
72) Anthracene	17.58	178	374807	42.435	ng	99
73) Carbazole	17.85	167	328634	37.622	ng	99
74) Di-n-butylphthalate	18.38	149	377927	37.706	ng	99
75) Fluoranthene	19.49	202	454914	41.095	ng	97
77) Benzidine	19.68	184	165040	32.073	ng	98
78) Pyrene	19.86	202	453308	39.436	ng	100
80) Butylbenzylphthalate	20.72	149	169350	37.710	ng	100
81) Benzo(a)anthracene	21.70	228	443483	41.828	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	69514	16.531	ng	99
83) Chrysene	21.77	228	414586	40.597	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	238558	37.455	ng	99
85) Di-n-octyl phthalate	22.80	149	406300	38.090	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	494598	41.195	ng	# 81
88) Benzo(b)fluoranthene	23.96	252	432442	41.699	ng	99
89) Benzo(k)fluoranthene	24.03	252	433819	42.009	ng	97
90) Benzo(a)pyrene	24.87	252	421887	42.169	ng	# 98
91) Dibenzo(a,h)anthracene	28.87	278	414717	41.632	ng	98
92) Benzo(g,h,i)perylene	30.00	276	405617	41.317	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115875BSD

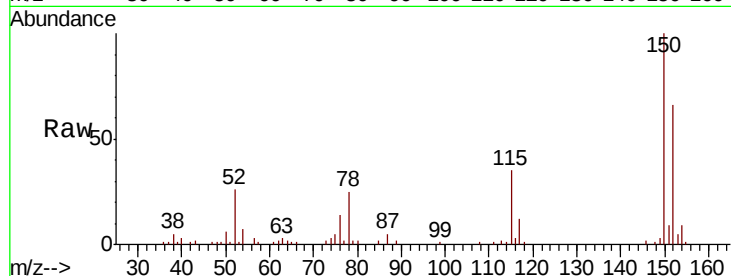
Tgt Ion:152 Resp: 27165

Ion Ratio Lower Upper

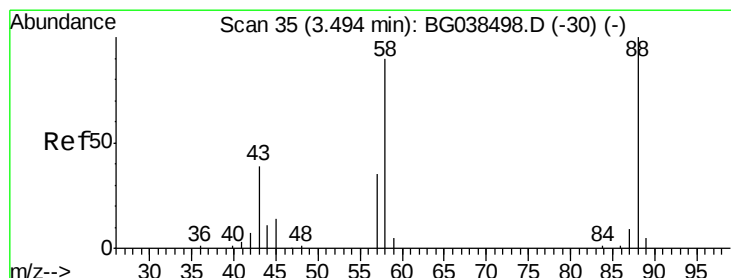
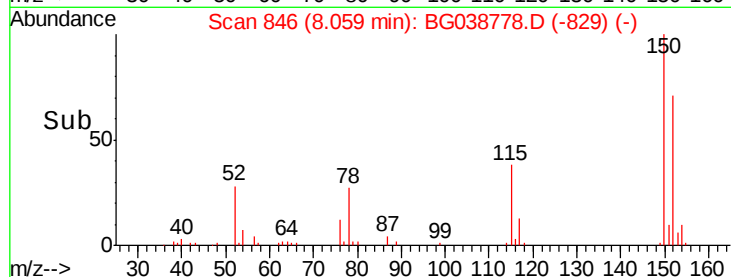
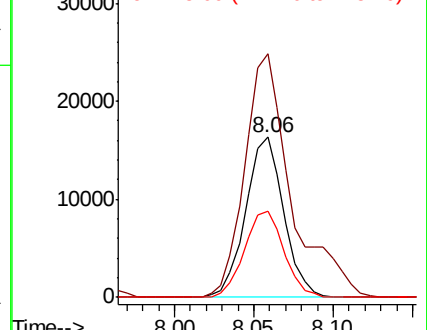
152 100

150 152.3 119.5 179.3

115 54.0 49.6 74.4



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: 26.068 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.01 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

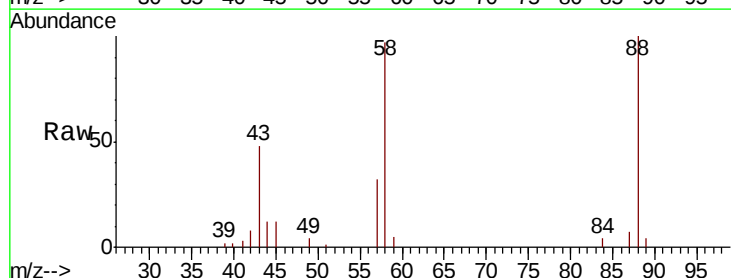
Tgt Ion: 88 Resp: 18582

Ion Ratio Lower Upper

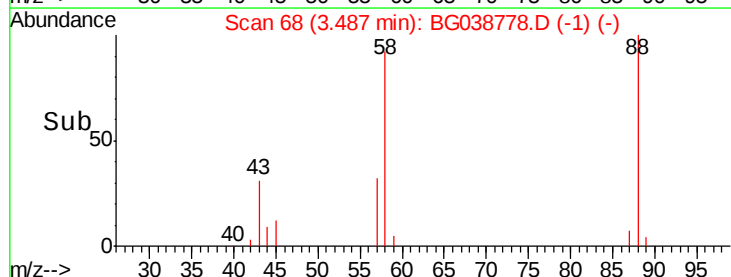
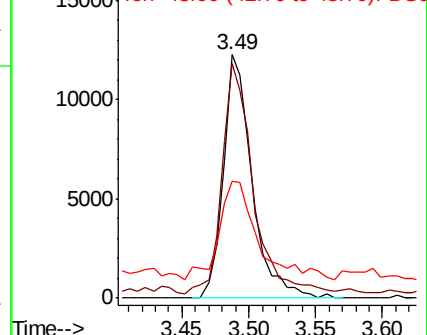
88 100

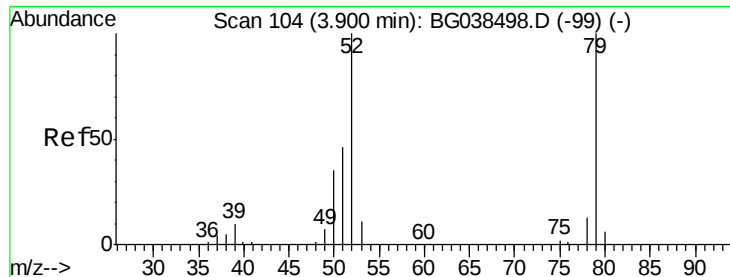
58 101.9 75.7 113.5

43 55.3 31.6 47.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 27.858 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115875BSD

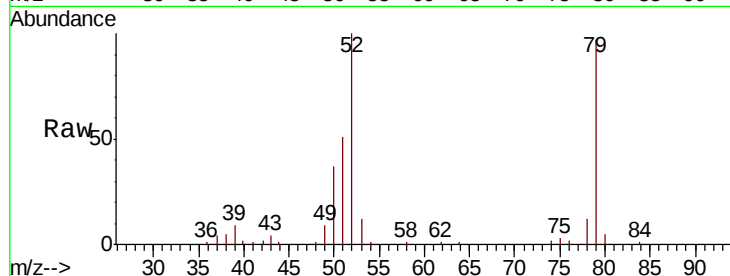
Tgt Ion: 79 Resp: 54672

Ion Ratio Lower Upper

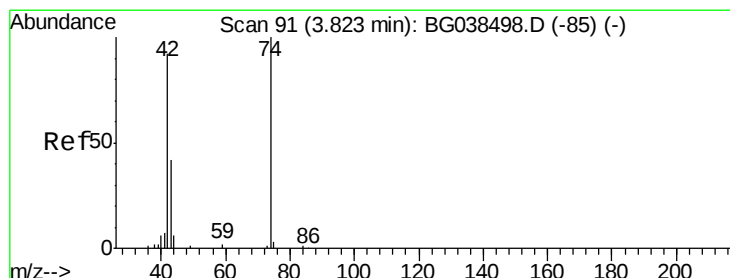
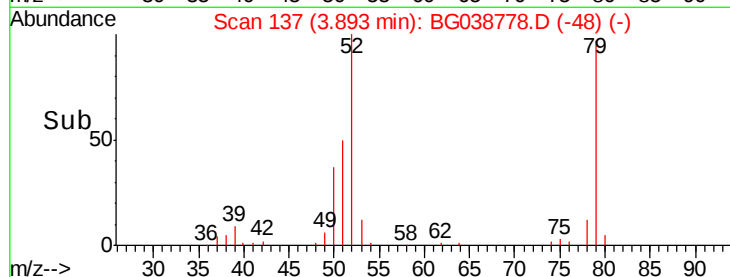
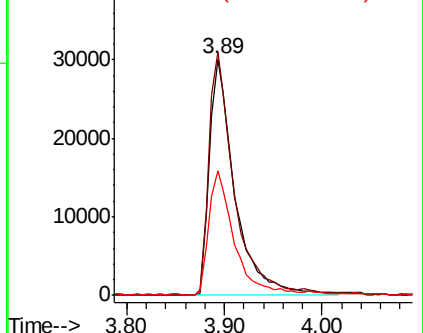
79 100

52 103.0 80.2 120.2

51 52.5 38.0 57.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 35.788 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

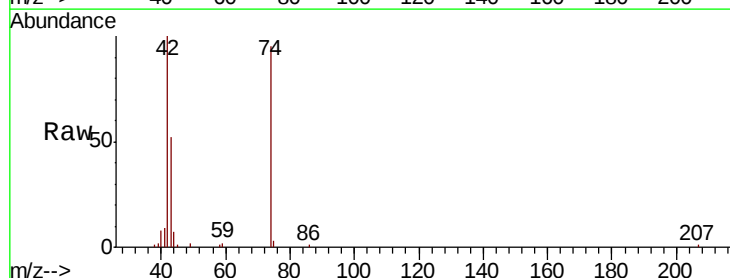
Tgt Ion: 42 Resp: 34414

Ion Ratio Lower Upper

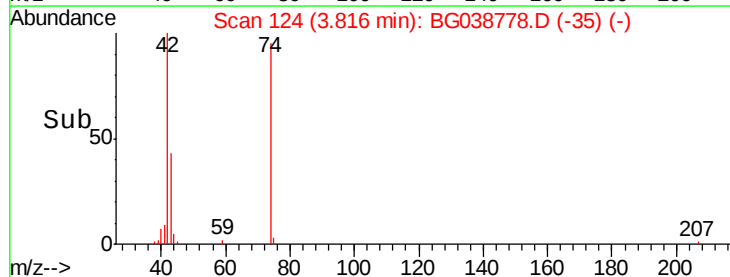
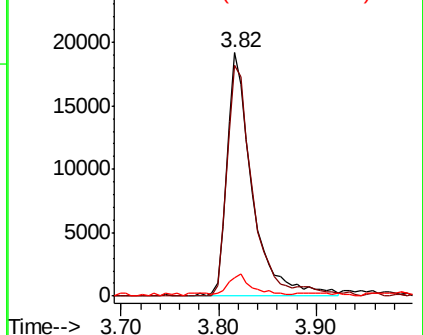
42 100

74 94.8 86.7 130.1

44 7.3 7.8 11.8#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 83.780 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115875BSD

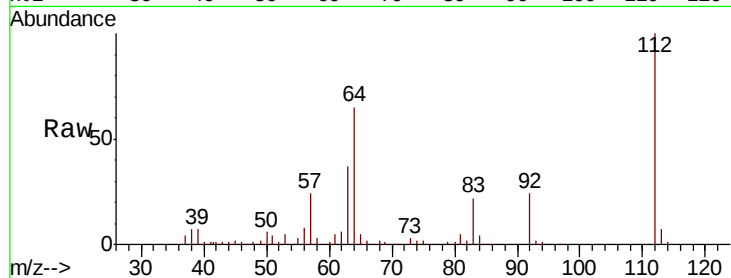
Tgt Ion: 112 Resp: 128317

Ion Ratio Lower Upper

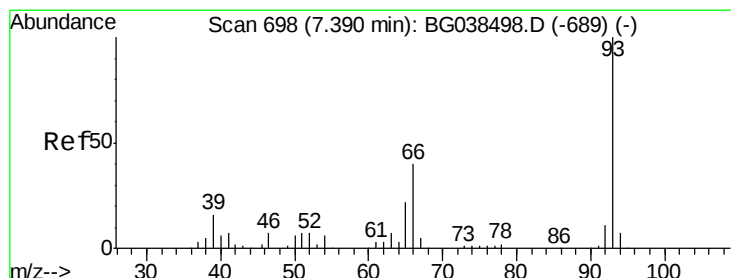
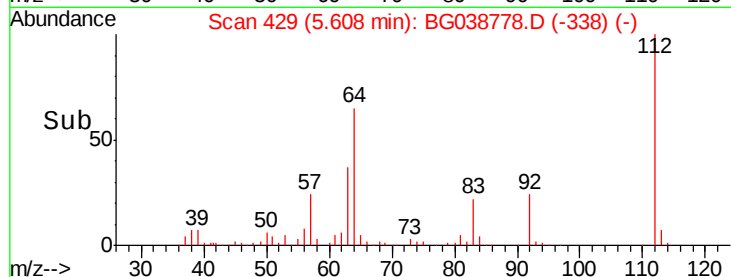
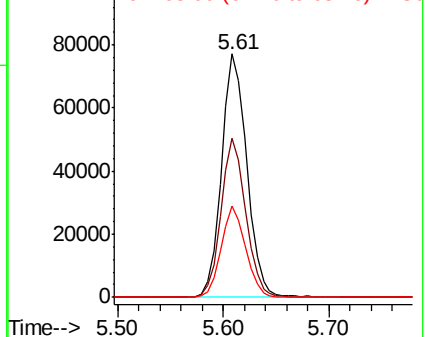
112 100

64 65.4 53.4 80.2

63 37.3 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.438 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

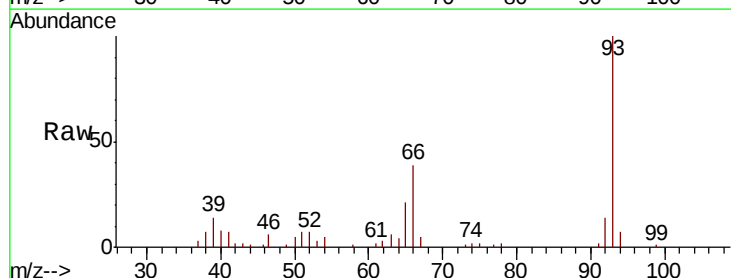
Tgt Ion: 93 Resp: 30699

Ion Ratio Lower Upper

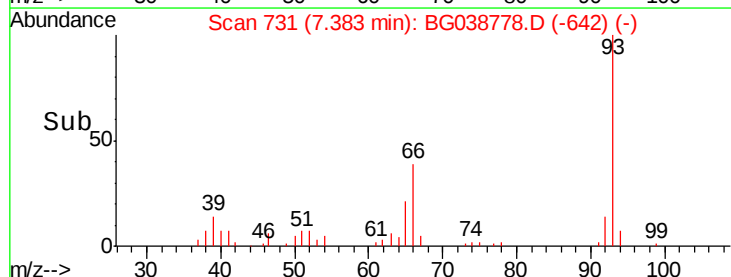
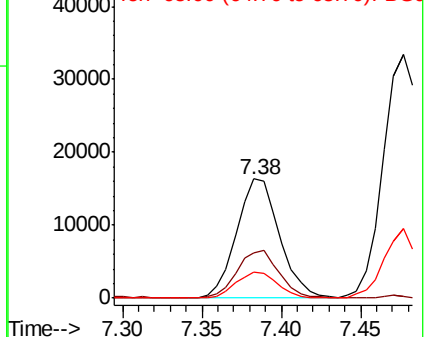
93 100

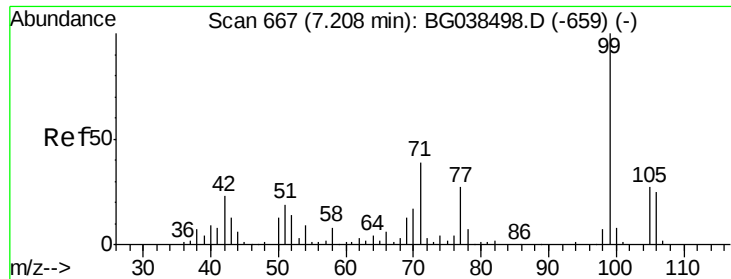
66 38.5 31.7 47.5

65 21.4 17.8 26.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.236 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115875BSD

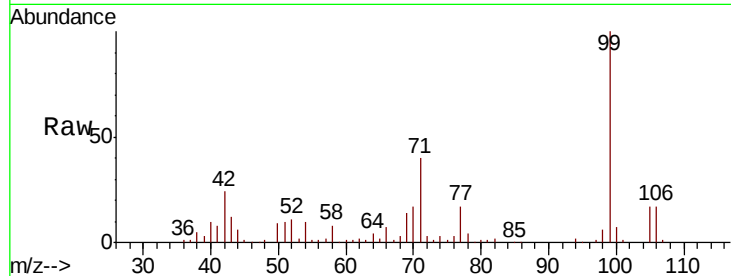
Tgt Ion: 99 Resp: 172908

Ion Ratio Lower Upper

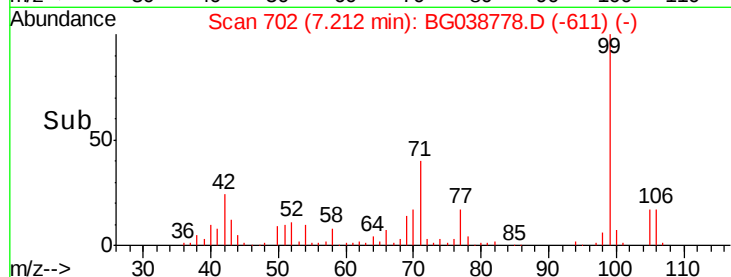
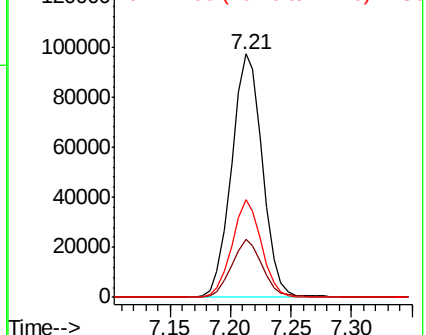
99 100

42 23.8 18.5 27.7

71 40.1 31.1 46.7



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: 39.263 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

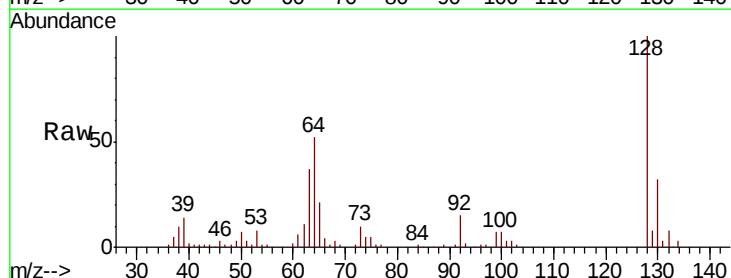
Tgt Ion: 128 Resp: 69590

Ion Ratio Lower Upper

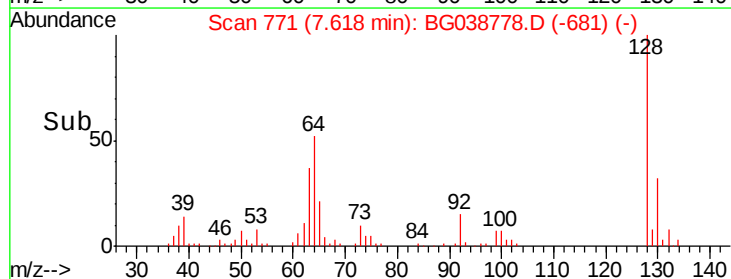
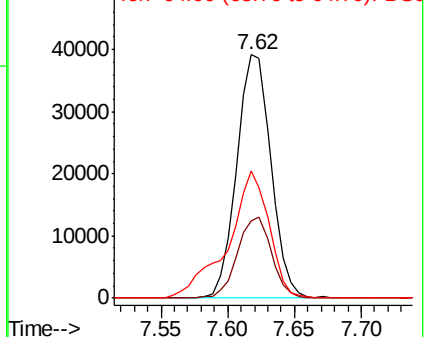
128 100

130 31.9 11.8 51.8

64 52.4 33.2 73.2



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: 39.583 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115875BSD

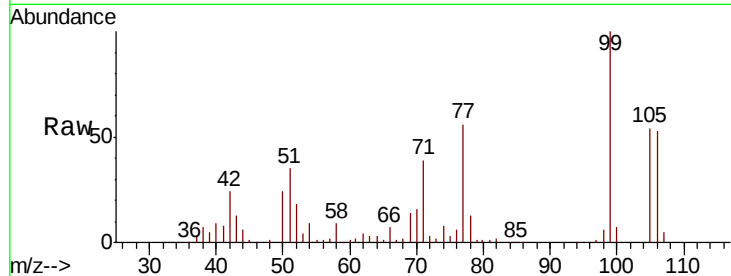
Tgt Ion: 77 Resp: 53990

Ion Ratio Lower Upper

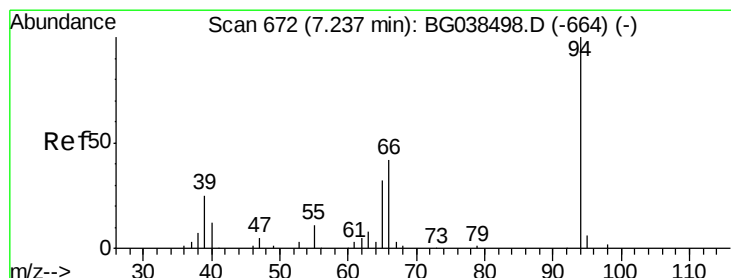
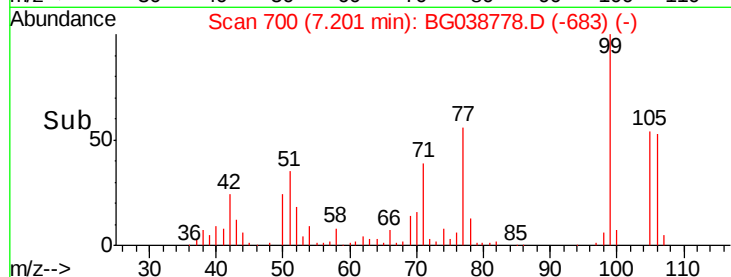
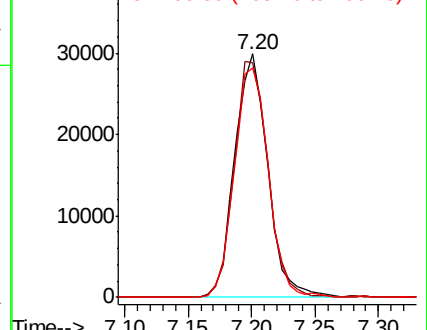
77 100

105 96.6 74.0 114.0

106 94.3 73.9 113.9



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: 38.878 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

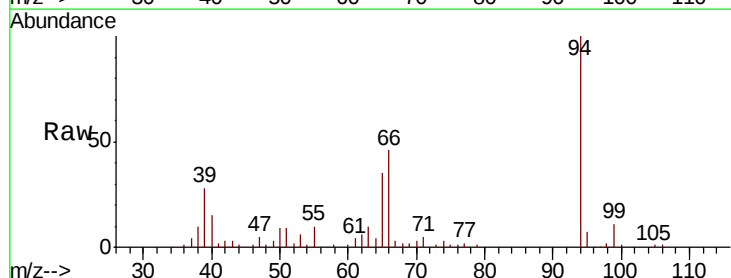
Tgt Ion: 94 Resp: 86844

Ion Ratio Lower Upper

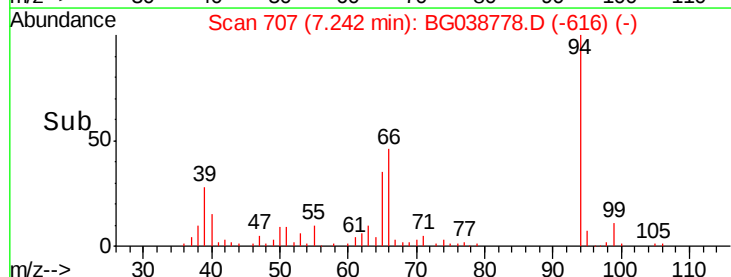
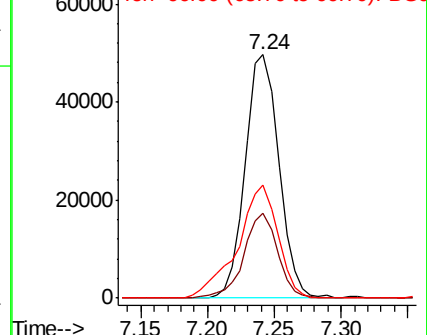
94 100

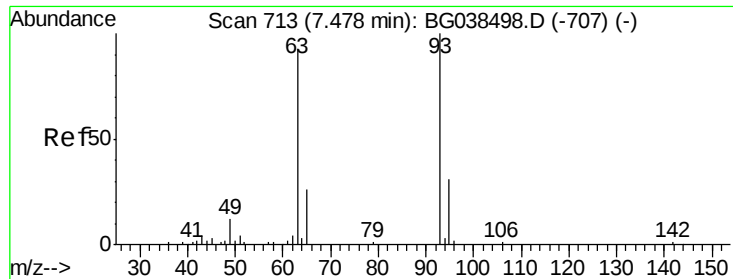
65 34.8 12.6 52.6

66 46.4 24.1 64.1



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

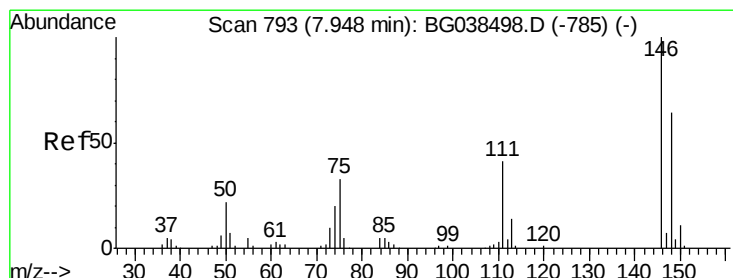
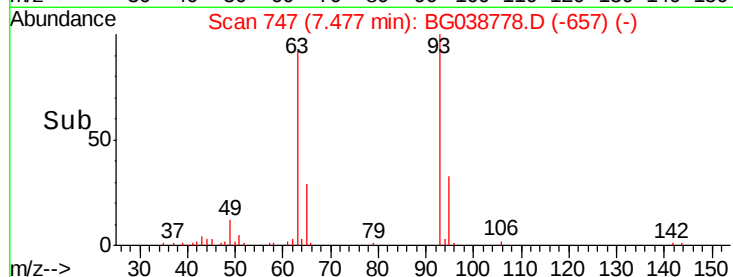
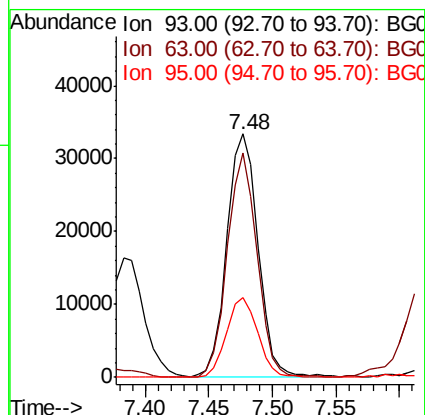
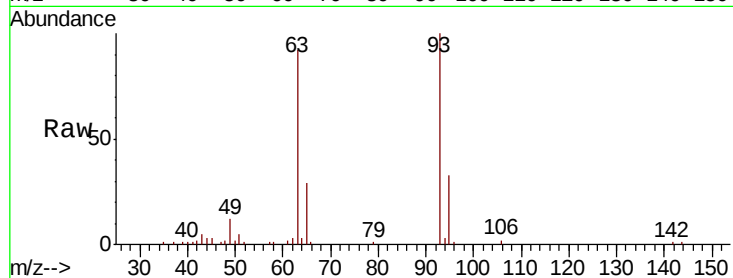




#11
bis(2-Chloroethyl)ether
Concen: 31.975 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

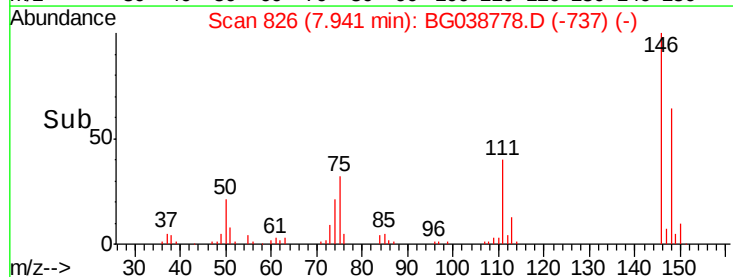
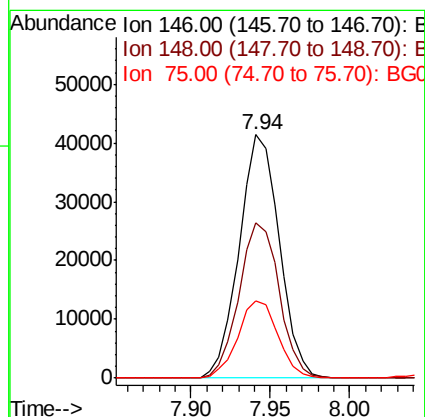
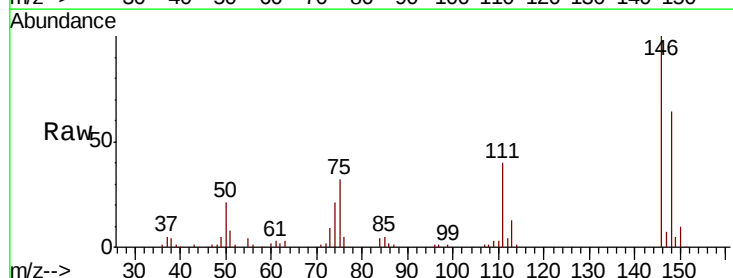
Instrument :
BNA_G
ClientSampleId :
PB115875BSD

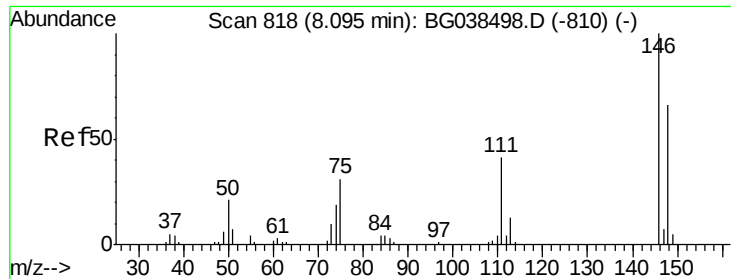
Tgt Ion: 93 Resp: 56865
Ion Ratio Lower Upper
93 100
63 92.0 72.2 112.2
95 32.7 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 34.724 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

Tgt Ion: 146 Resp: 72769
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.0
75 31.7 26.1 39.1

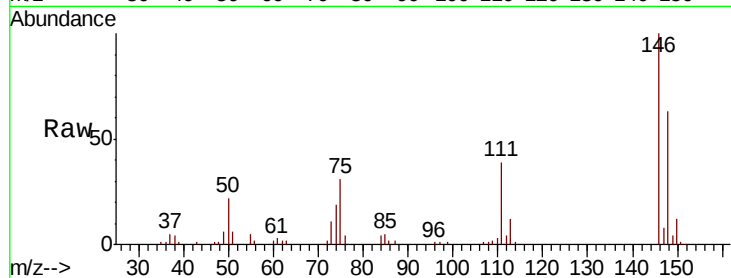




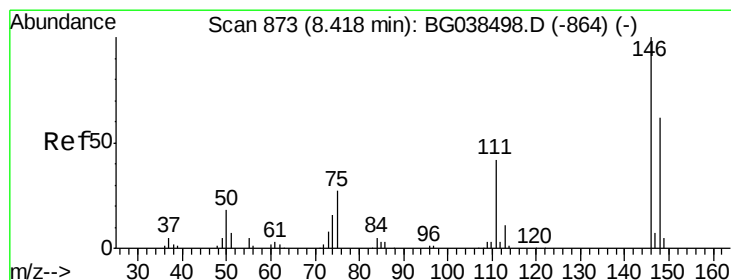
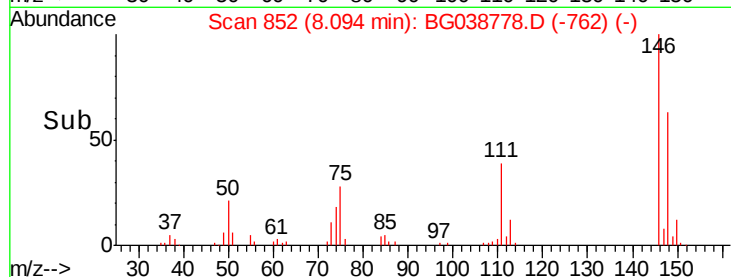
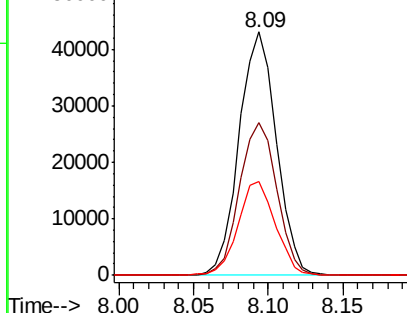
#13
 1,4-Dichlorobenzene
 Concen: 34.716 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BSD

Tgt Ion:146 Resp: 74510
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.4 78.6
 111 38.5 33.0 49.4

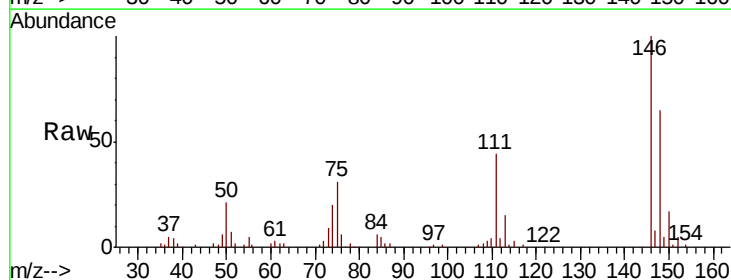


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

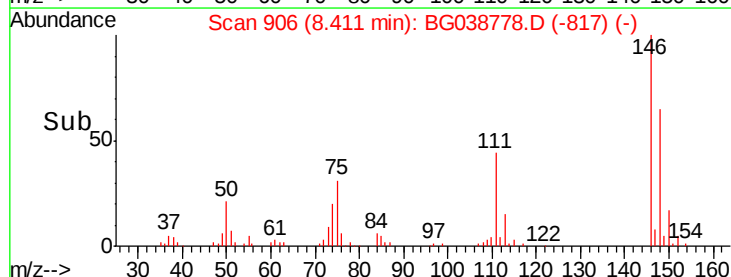
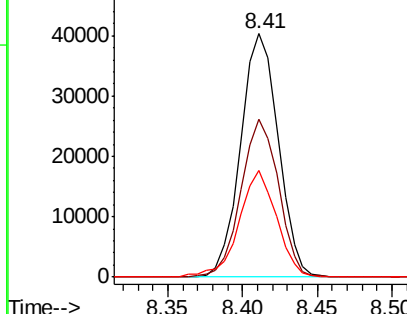


#14
 1,2-Dichlorobenzene
 Concen: 34.793 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Tgt Ion:146 Resp: 70400
 Ion Ratio Lower Upper
 146 100
 148 64.7 49.4 74.0
 111 43.6 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.376 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115875BSD

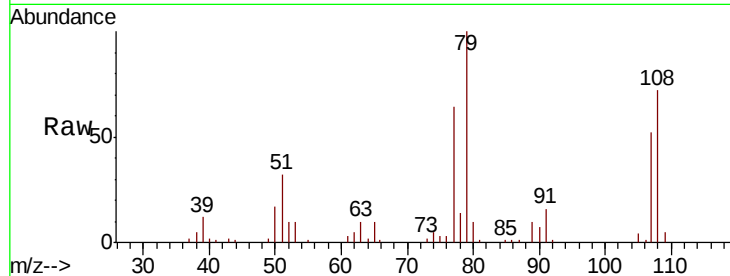
Tgt Ion: 79 Resp: 61339

Ion Ratio Lower Upper

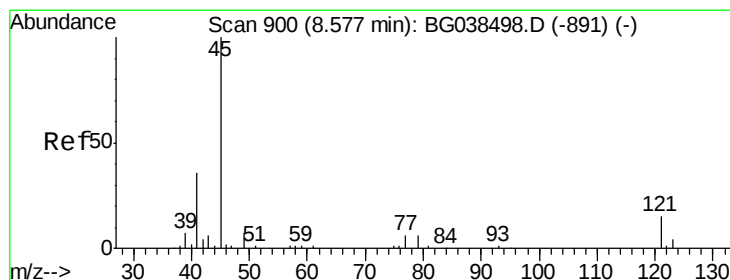
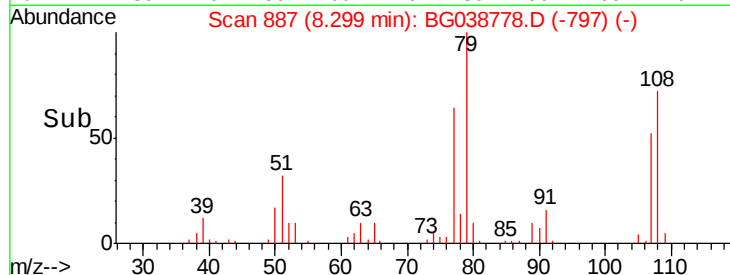
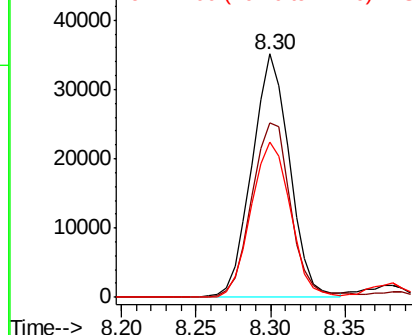
79 100

108 71.7 60.2 90.4

77 64.0 50.7 76.1



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: 29.917 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

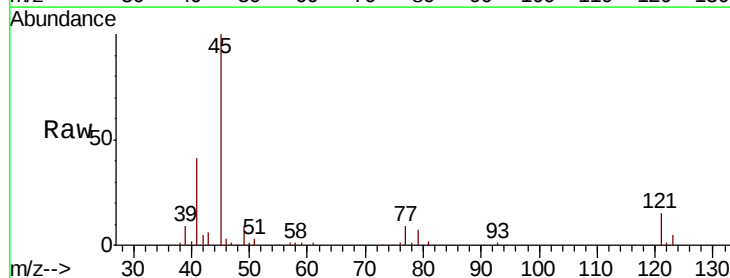
Tgt Ion: 45 Resp: 121879

Ion Ratio Lower Upper

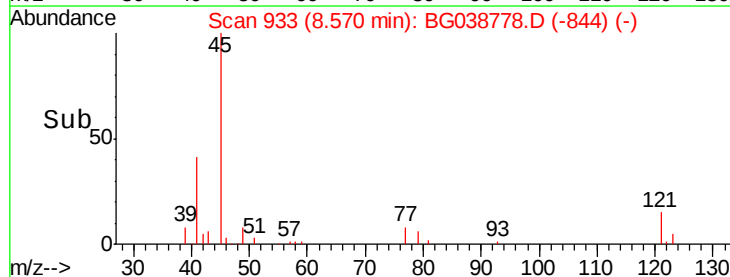
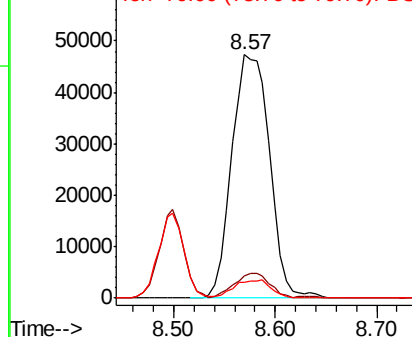
45 100

77 9.2 0.0 28.2

79 6.7 0.0 27.2



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

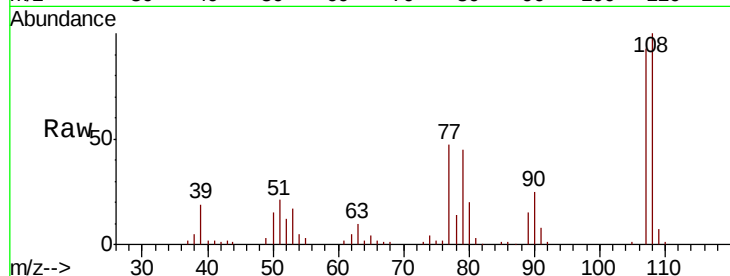




#17
2-Methylphenol
Concen: 39.285 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

Instrument :
BNA_G
ClientSampleId :
PB115875BSD

Tgt Ion:	107	Resp:	58794
Ion	Ratio	Lower	Upper
107	100		
108	107.8	87.1	130.7
77	51.2	42.0	63.0
79	49.0	38.2	57.2



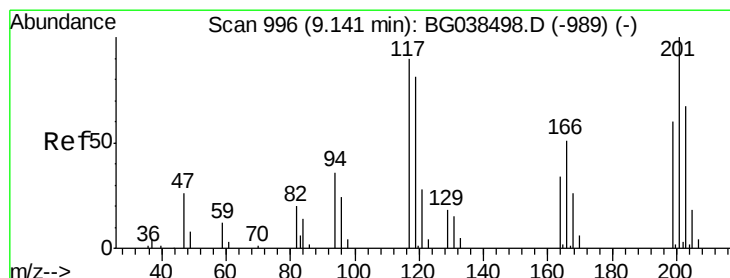
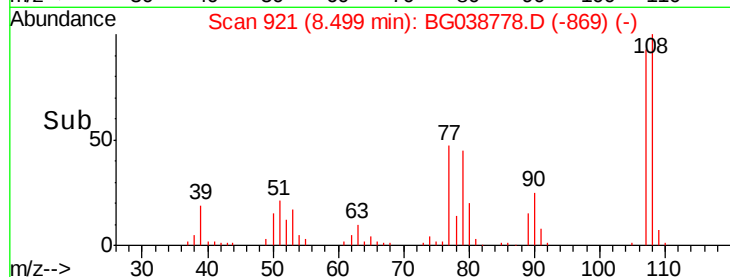
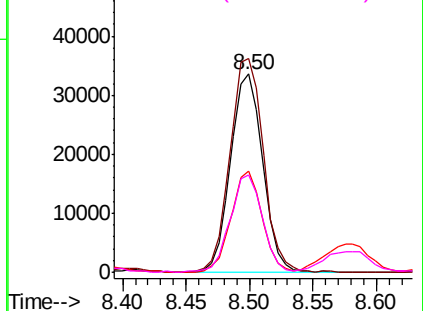
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

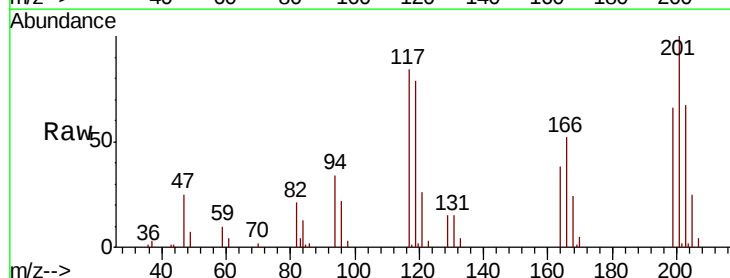
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 32.885 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

Tgt Ion:	117	Resp:	25791
Ion	Ratio	Lower	Upper
117	100		
119	96.1	73.8	110.8
201	121.9	89.4	134.0

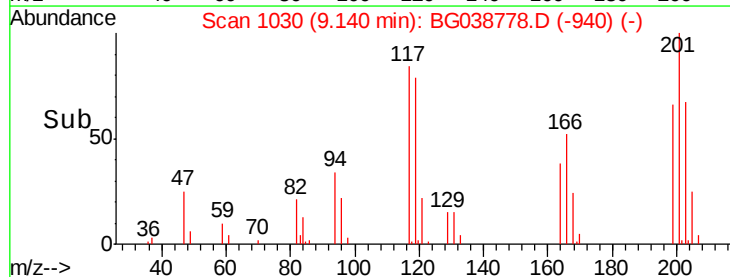
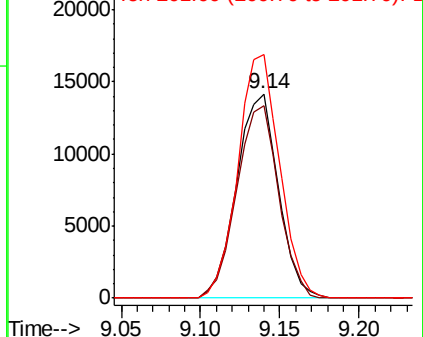


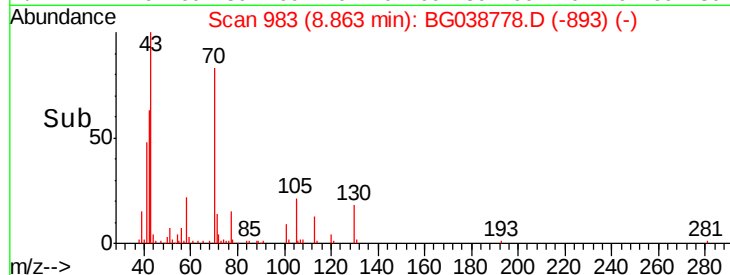
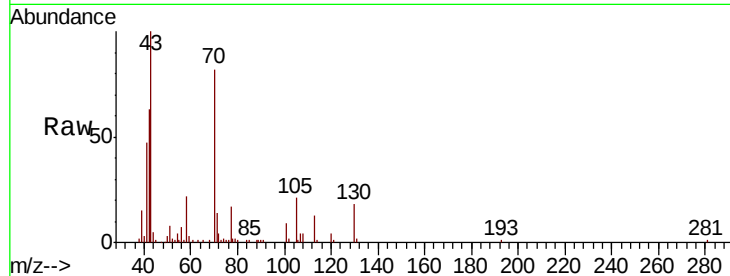
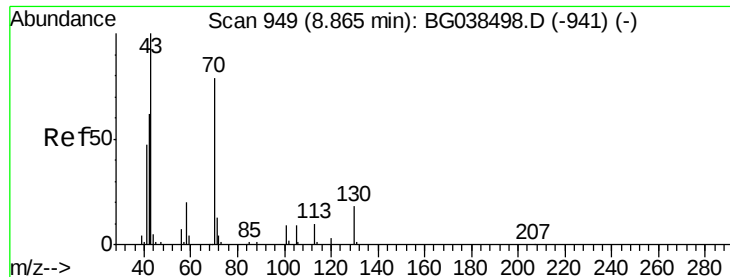
Abundance

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

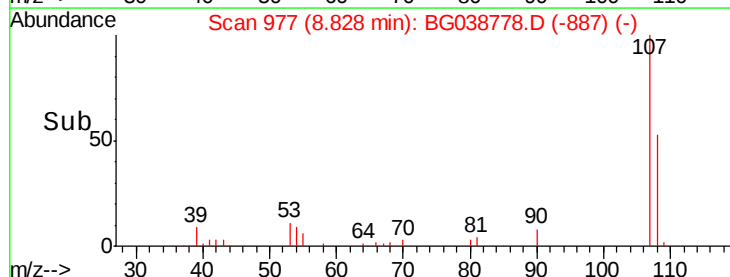
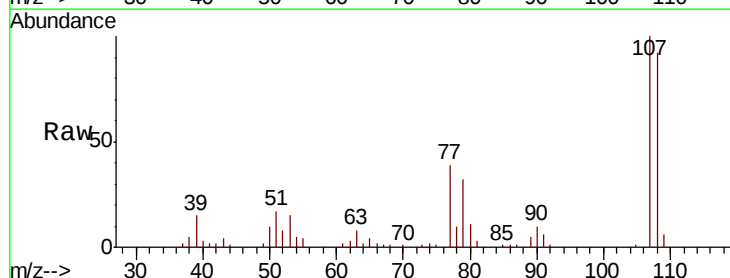
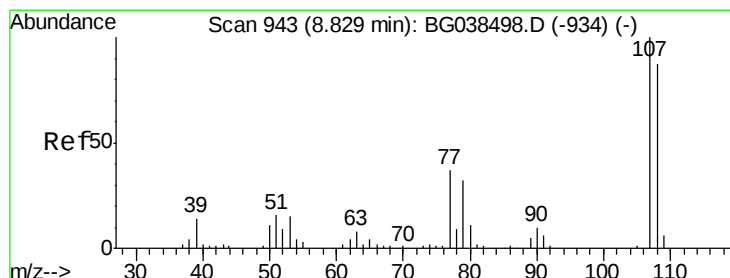
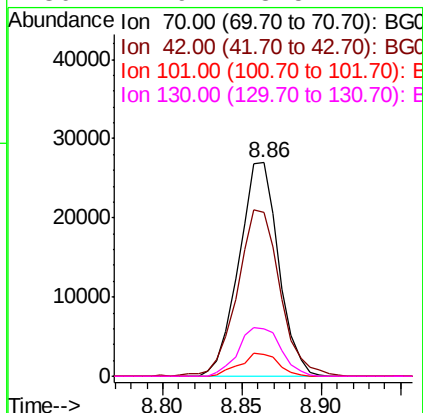




#19
n-Nitroso-di-n-propylamine
Concen: 31.744 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

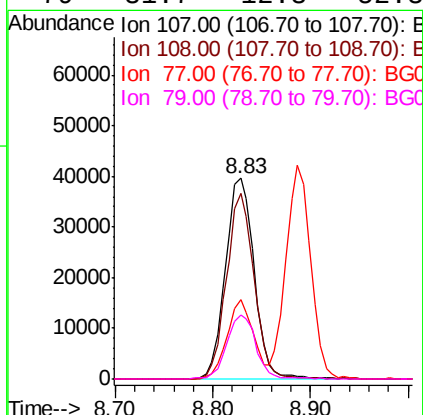
Instrument :
BNA_G
ClientSampleId :
PB115875BSD

Tgt Ion:	70	Resp:	46877
Ion	Ratio	Lower	Upper
70	100		
42	76.7	63.6	95.4
101	10.5	9.2	13.8
130	21.9	18.5	27.7



#20
3+4-Methylphenols
Concen: 39.156 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

Tgt Ion:	107	Resp:	80931
Ion	Ratio	Lower	Upper
107	100		
108	92.3	66.7	106.7
77	39.3	17.3	57.3
79	31.7	12.3	52.3

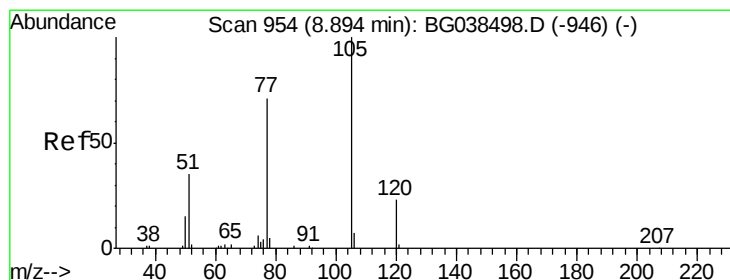
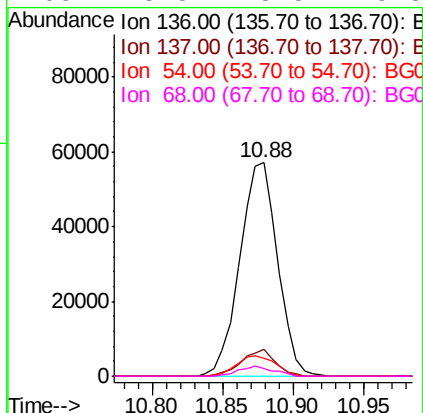
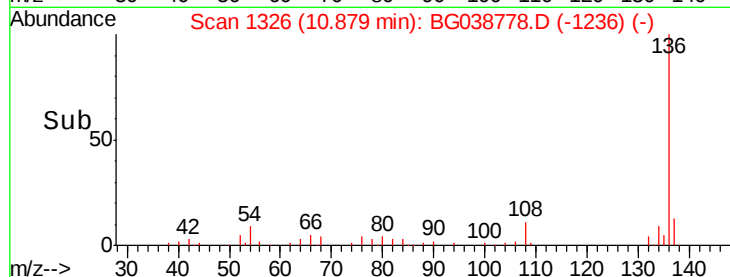
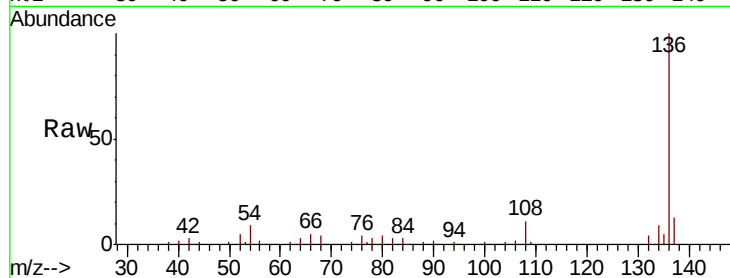




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

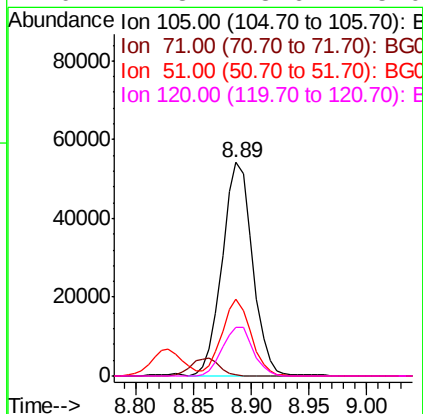
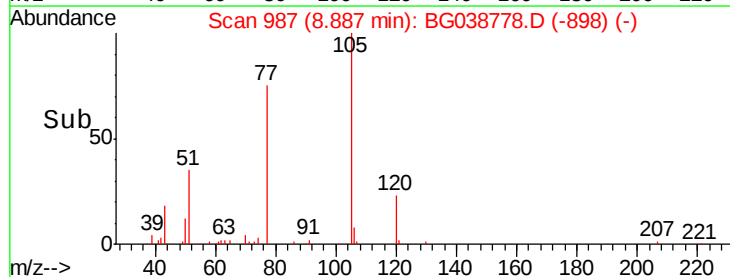
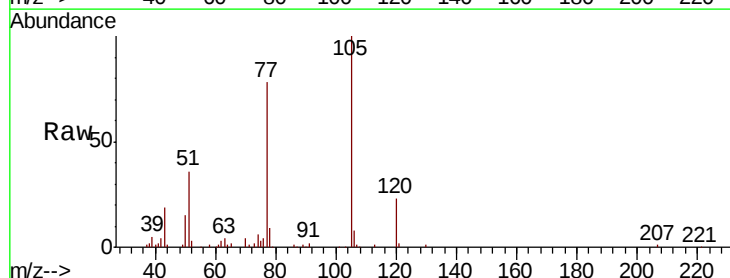
Instrument :
BNA_G
ClientSampleId :
PB115875BSD

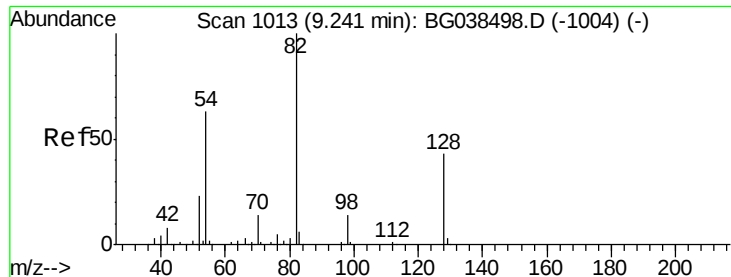
Tgt Ion:	136	Resp:	106707
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.3	13.9
54	8.7	8.5	12.7
68	3.8	3.5	5.3



#22
Acetophenone
Concen: 37.164 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

Tgt Ion:	105	Resp:	99053
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.4	0.6#
51	35.9	30.6	46.0
120	22.8	18.6	28.0

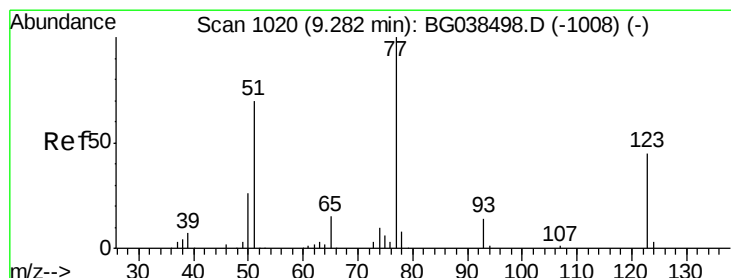
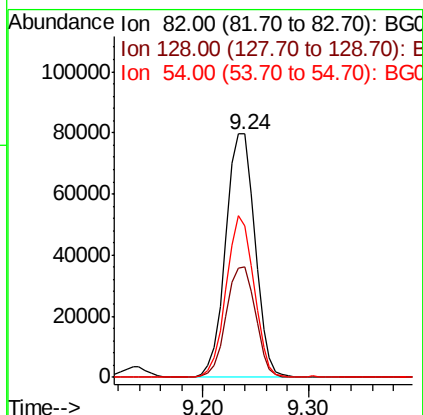
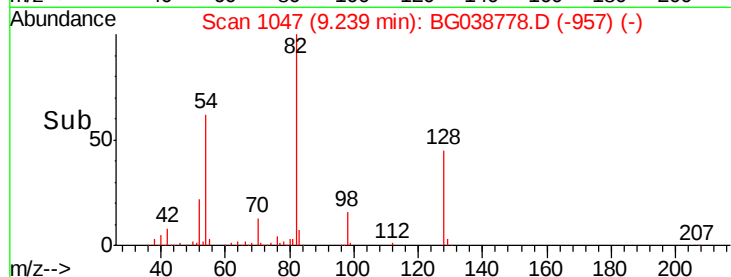
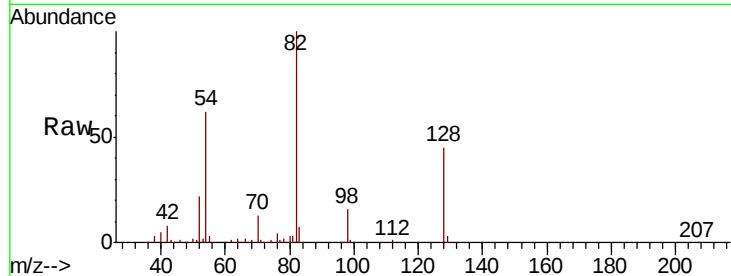




#23
Nitrobenzene-d5
Concen: 73.243 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

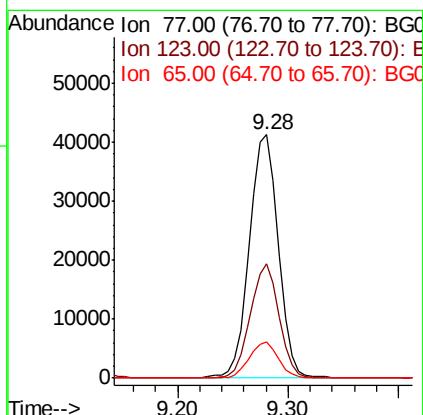
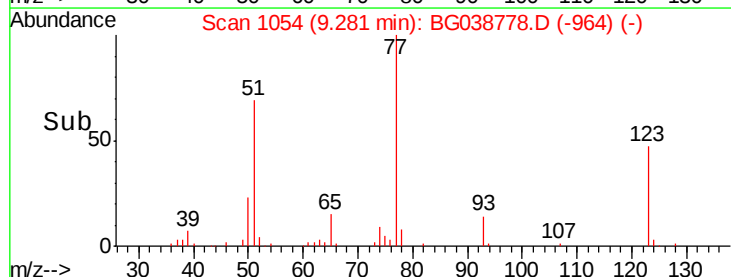
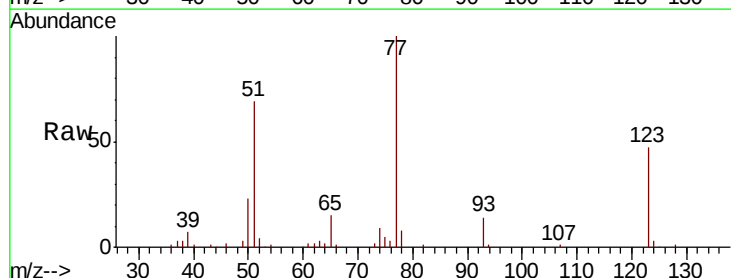
Instrument :
BNA_G
ClientSampleId :
PB115875BSD

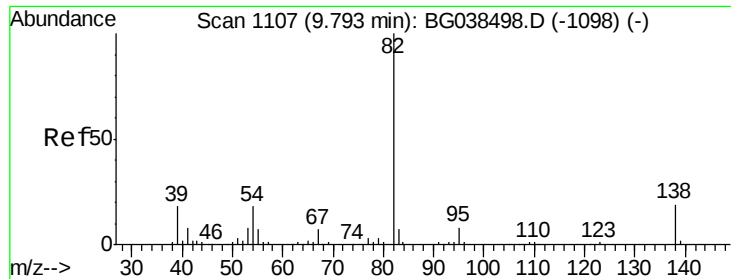
Tgt Ion: 82 Resp: 152984
Ion Ratio Lower Upper
82 100
128 45.3 34.6 52.0
54 62.5 50.6 76.0



#24
Nitrobenzene
Concen: 36.105 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

Tgt Ion: 77 Resp: 76291
Ion Ratio Lower Upper
77 100
123 46.9 35.9 53.9
65 14.7 12.0 18.0

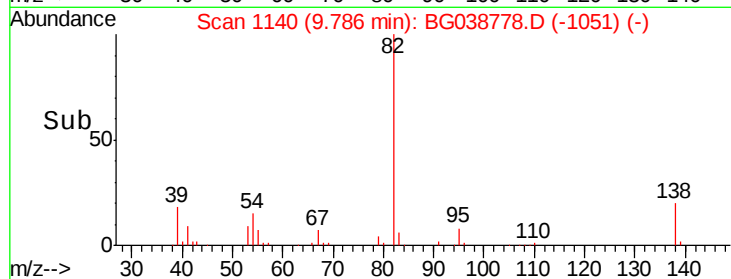
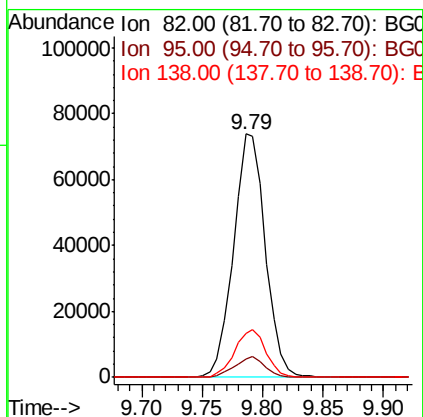
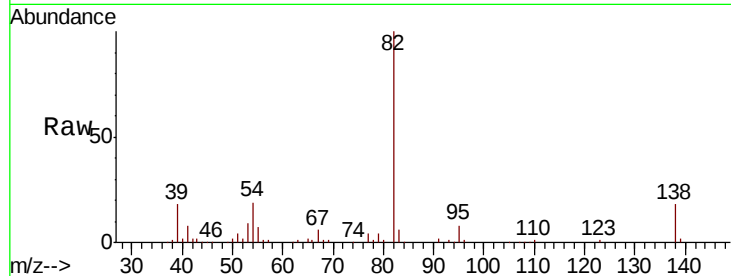




#25
Isophorone
Concen: 35.954 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

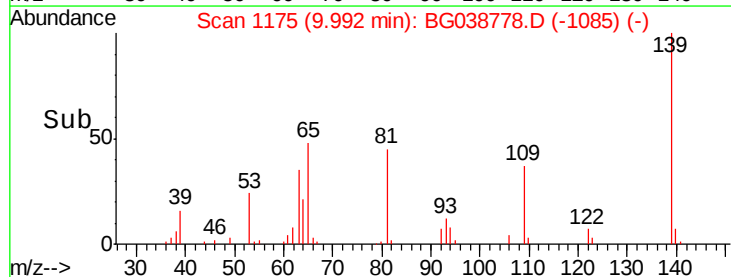
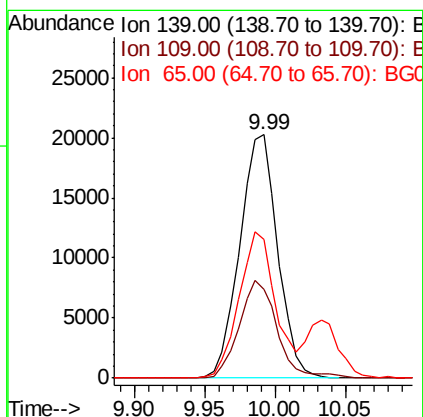
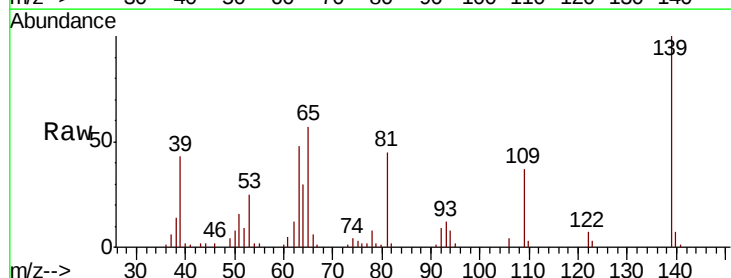
Instrument :
BNA_G
ClientSampleId :
PB115875BSD

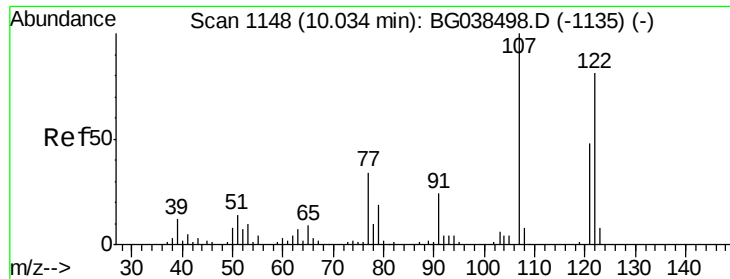
Tgt Ion: 82 Resp: 134931
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 18.0 14.9 22.3



#26
2-Nitrophenol
Concen: 35.227 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

Tgt Ion: 139 Resp: 38097
Ion Ratio Lower Upper
139 100
109 36.7 29.5 44.3
65 57.1 48.5 72.7

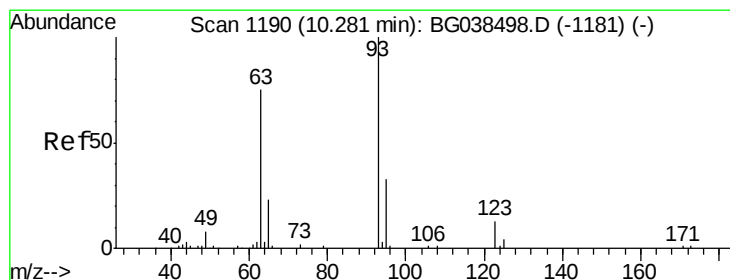
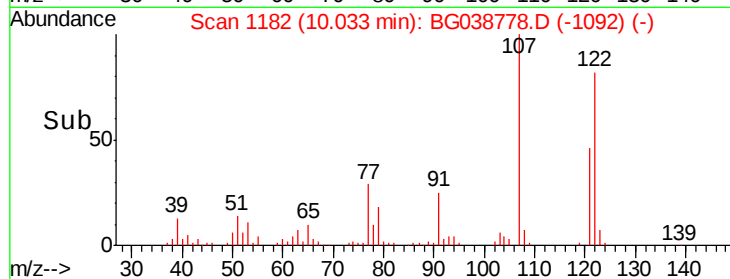
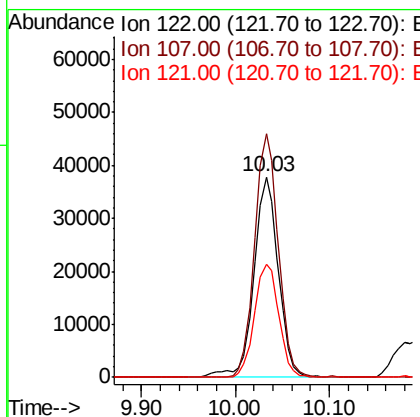
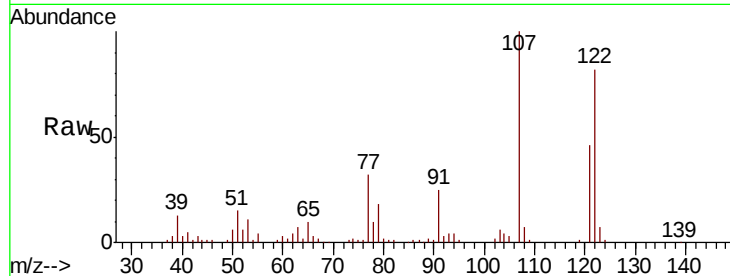




#27
 2,4-Dimethylphenol
 Concen: 43.827 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

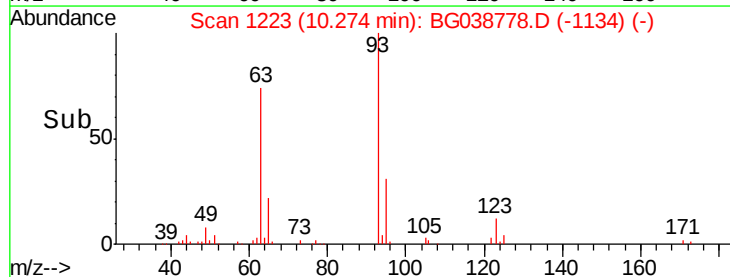
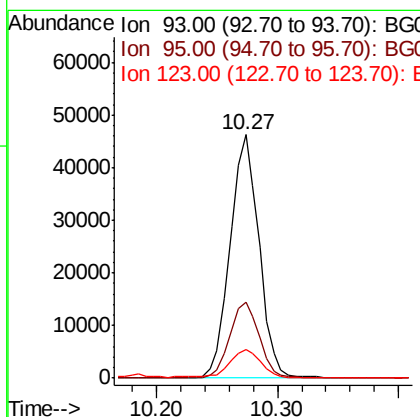
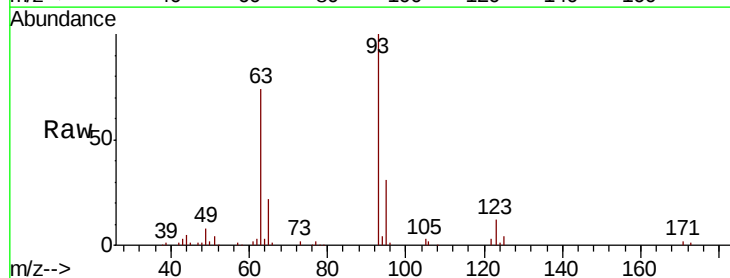
Instrument :
 BNA_G
 ClientSampleId :
 PB115875BSD

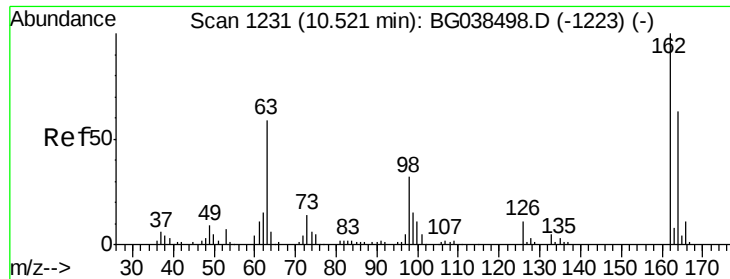
Tgt Ion: 122 Resp: 67929
 Ion Ratio Lower Upper
 122 100
 107 121.5 98.4 147.6
 121 56.2 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.435 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Tgt Ion: 93 Resp: 77163
 Ion Ratio Lower Upper
 93 100
 95 31.4 26.6 40.0
 123 11.9 10.6 16.0

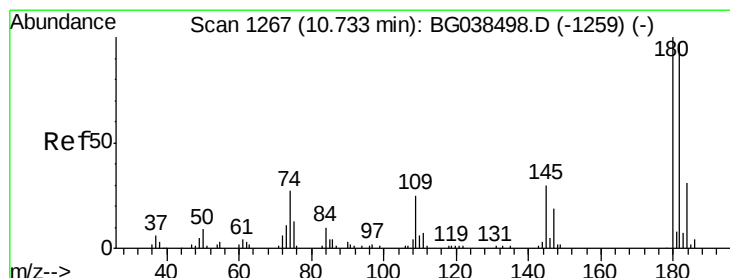
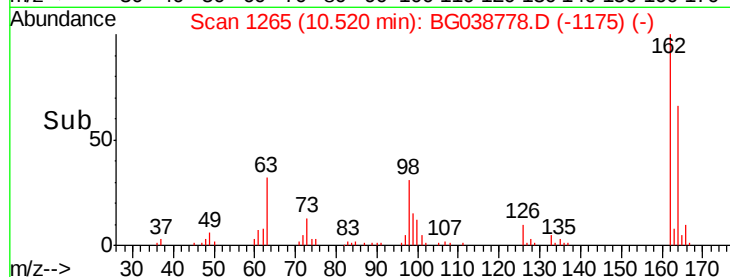
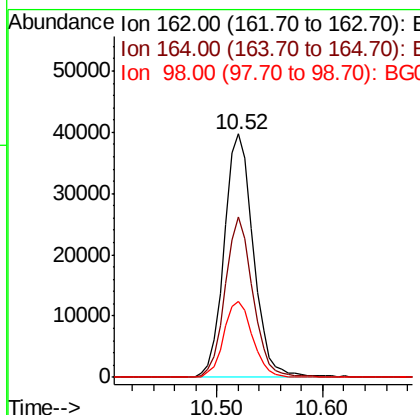
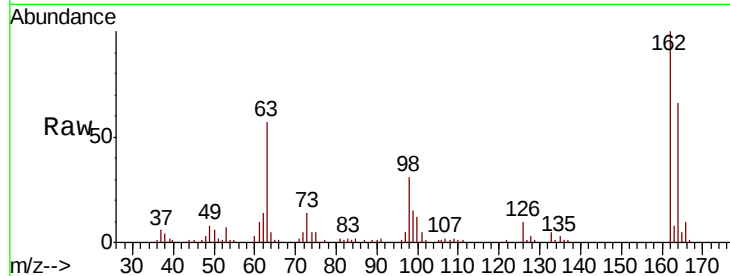




#29
 2,4-Dichlorophenol
 Concen: 43.890 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

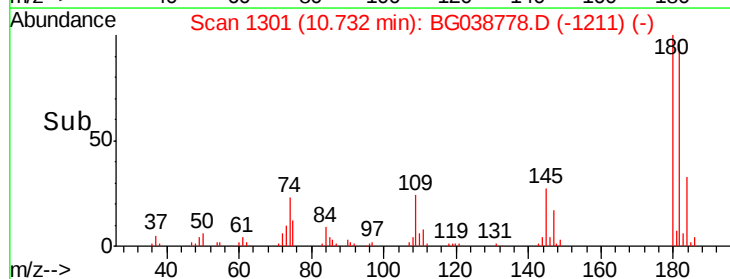
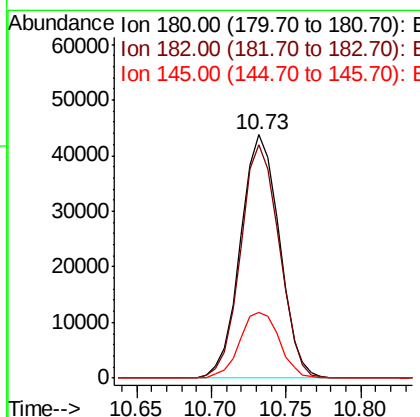
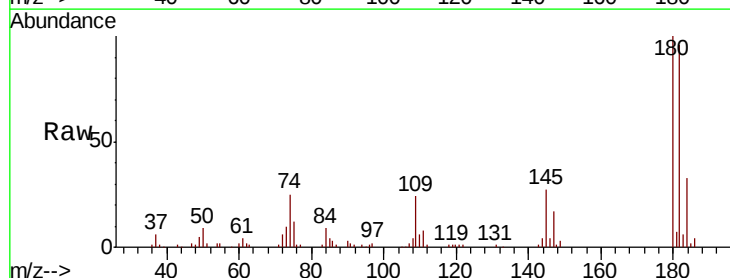
Instrument :
 BNA_G
 ClientSampleId :
 PB115875BSD

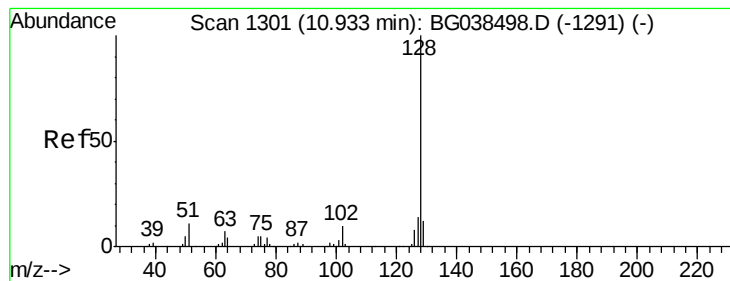
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.9	42.9	82.9
98	31.1	12.1	52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.886 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.4	116.0
145	26.7	24.1	36.1

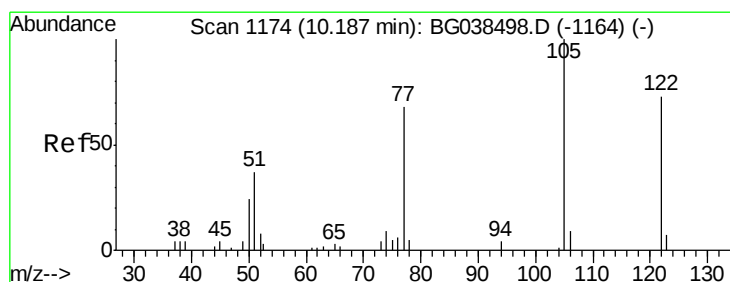
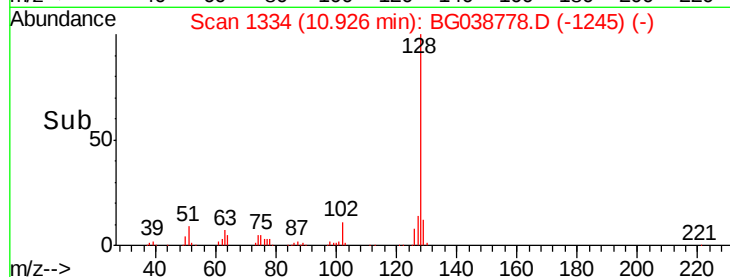
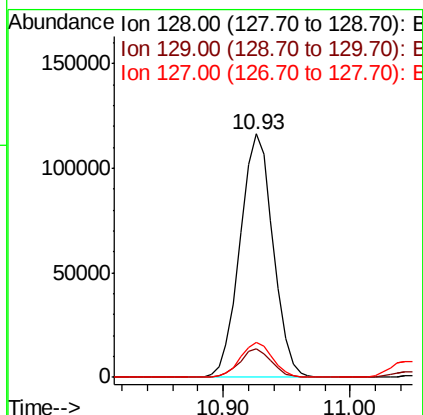
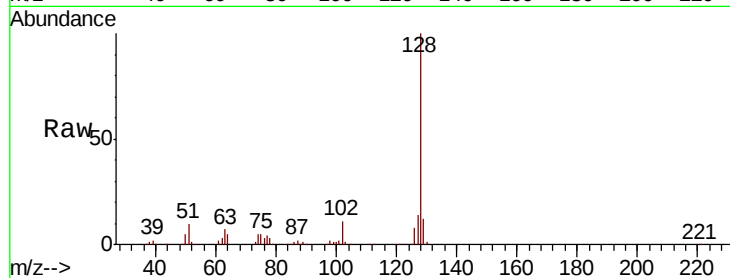




#31
Naphthalene
Concen: 40.066 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

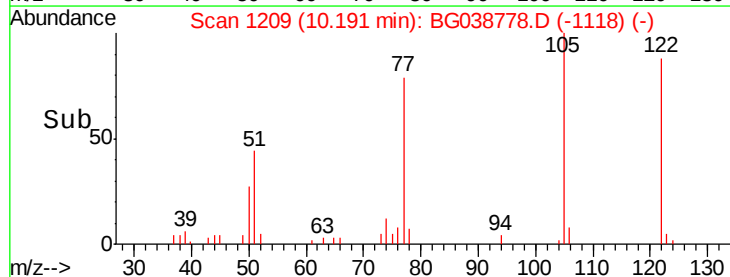
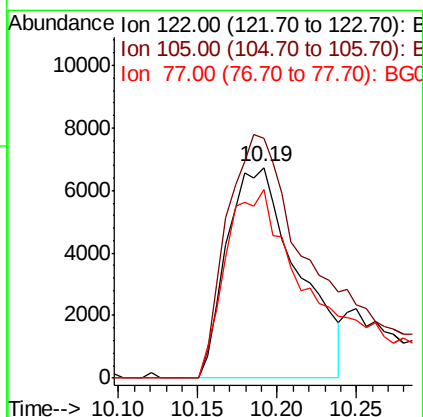
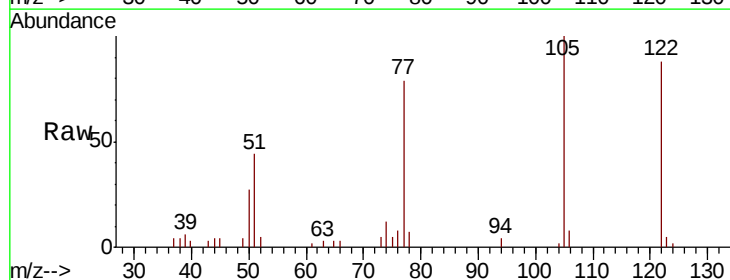
Instrument :
BNA_G
ClientSampleId :
PB115875BSD

Tgt Ion:128 Resp: 210651
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 14.4 10.9 16.3



#32
Benzoic acid
Concen: 26.829 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

Tgt Ion:122 Resp: 20814
Ion Ratio Lower Upper
122 100
105 113.7 116.7 156.7#
77 89.8 72.5 112.5

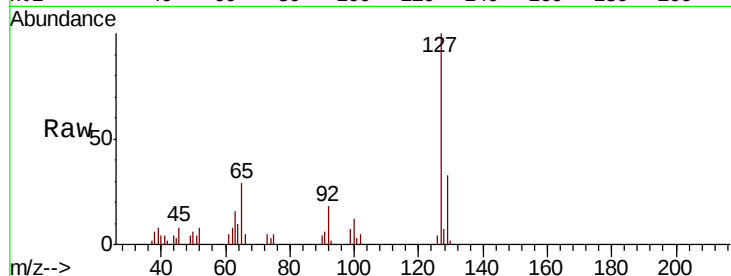




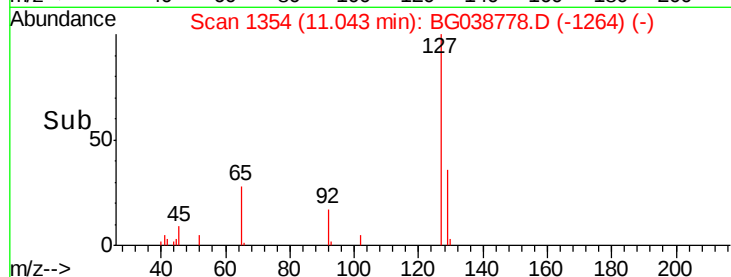
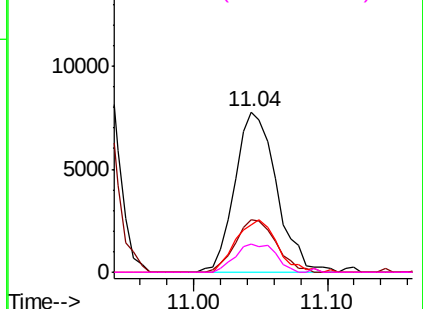
#33
4-Chloroaniline
Concen: 7.378 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

Instrument :
BNA_G
ClientSampleId :
PB115875BSD

Tgt Ion:	127	Resp:	16842
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	29.2	27.8	41.6
92	17.6	17.0	25.6

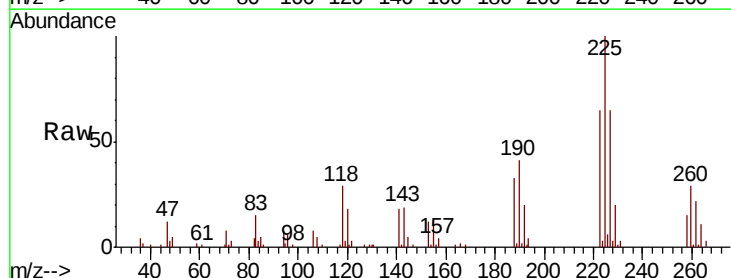


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

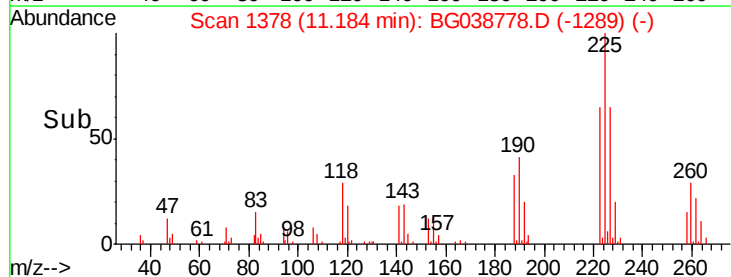
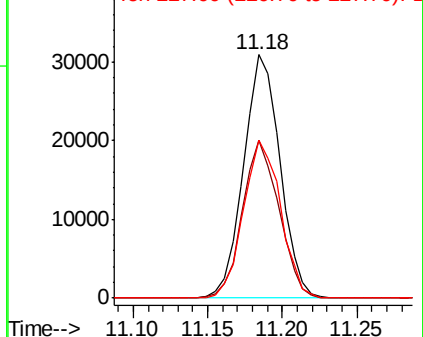


#34
Hexachlorobutadiene
Concen: 37.000 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

Tgt Ion:	225	Resp:	52145
Ion	Ratio	Lower	Upper
225	100		
223	64.4	45.0	67.6
227	64.4	50.6	75.8



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

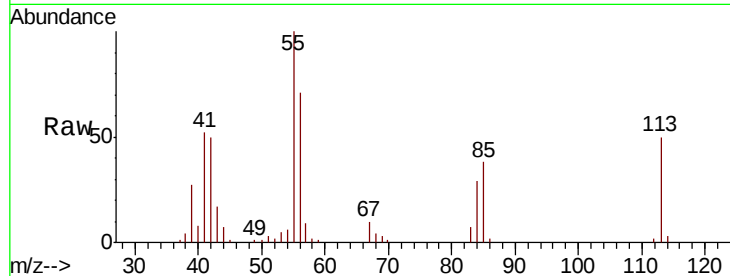




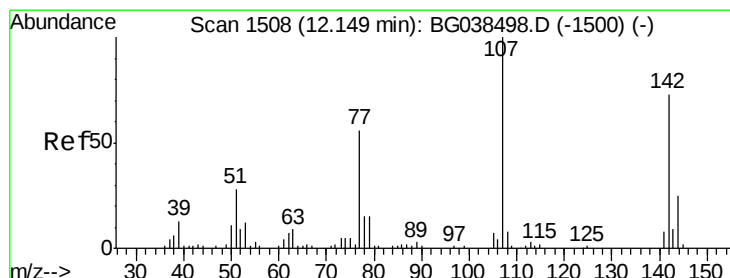
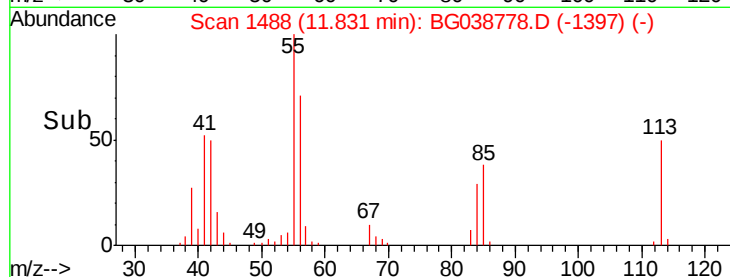
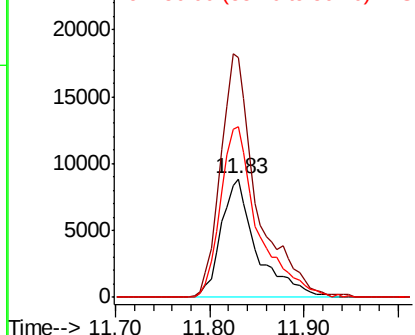
#35
 Caprolactam
 Concen: 32.672 ng
 RT: 11.83 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BSD

Tgt Ion:113 Resp: 23314
 Ion Ratio Lower Upper
 113 100
 55 201.9 204.3 244.3#
 56 143.8 135.0 175.0

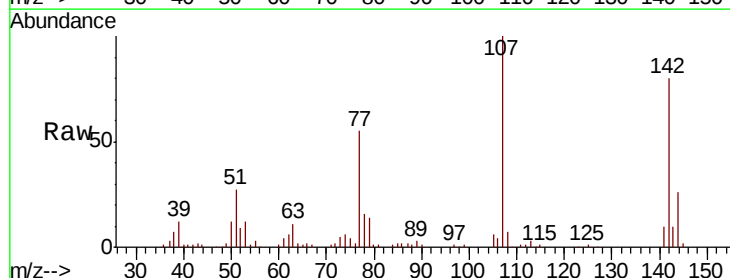


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

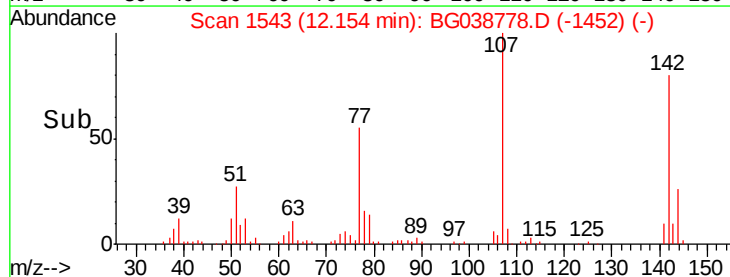
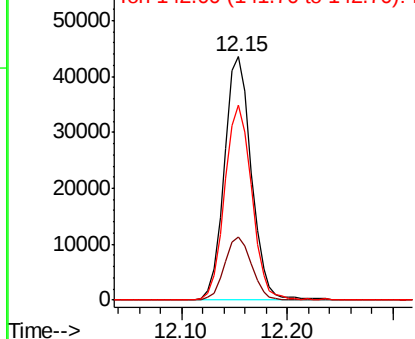


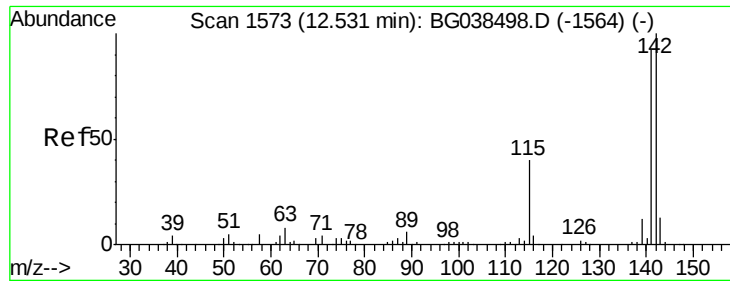
#36
 4-Chloro-3-methylphenol
 Concen: 39.150 ng
 RT: 12.15 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Tgt Ion:107 Resp: 77035
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.1 30.1
 142 80.2 58.7 88.1



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

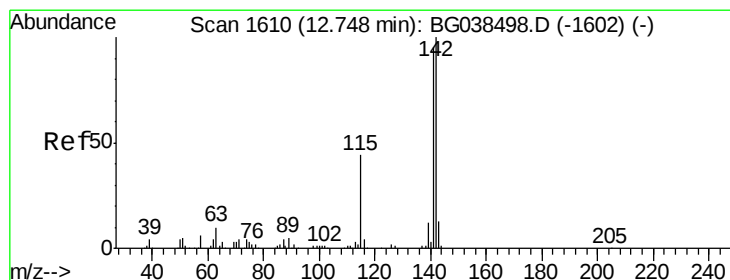
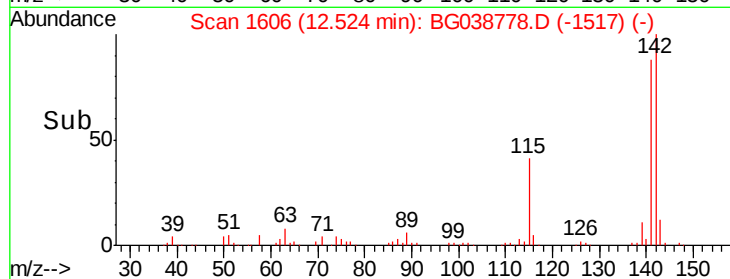
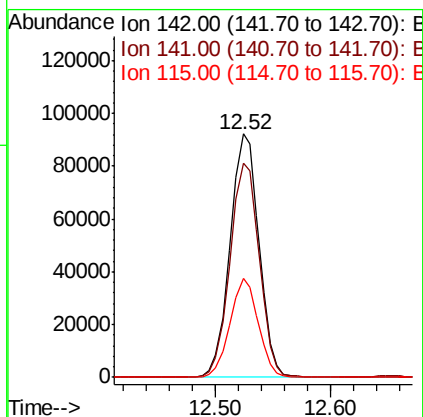
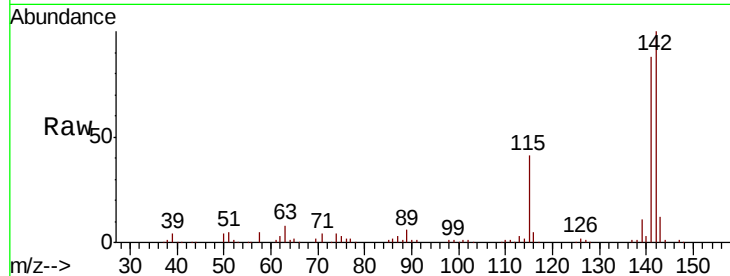




#37
 2-Methylnaphthalene
 Concen: 42.495 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

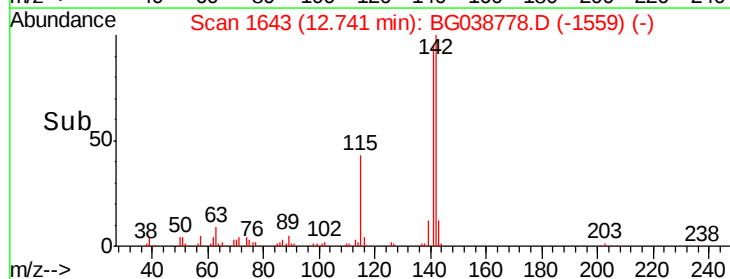
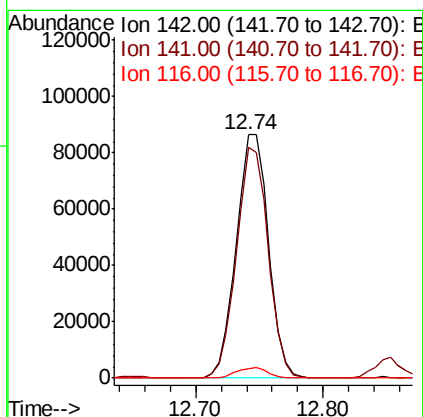
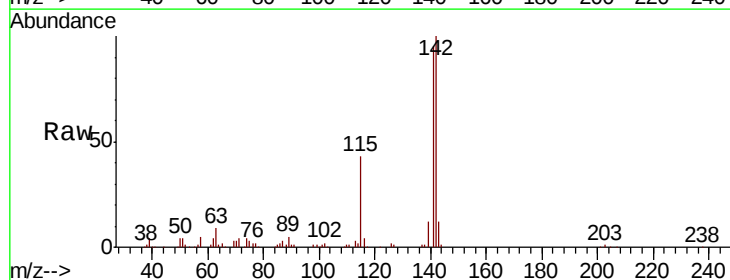
Instrument :
 BNA_G
 ClientSampleId :
 PB115875BSD

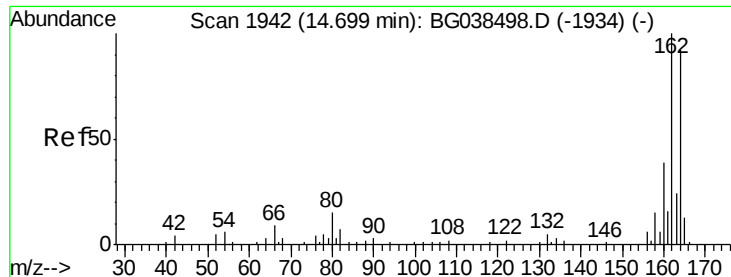
Tgt Ion:142 Resp: 159391
 Ion Ratio Lower Upper
 142 100
 141 87.7 73.5 110.3
 115 40.6 31.7 47.5



#38
 1-Methylnaphthalene
 Concen: 41.848 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Tgt Ion:142 Resp: 152314
 Ion Ratio Lower Upper
 142 100
 141 95.0 75.8 113.8
 116 4.0 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115875BSD

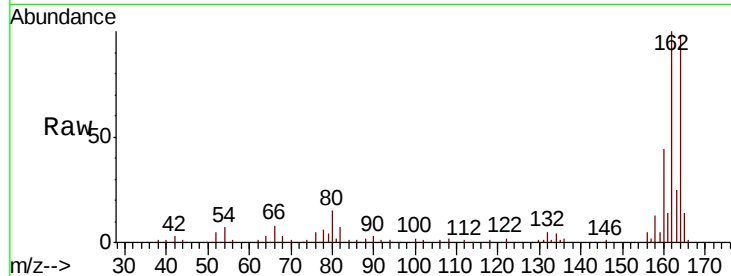
Tgt Ion:164 Resp: 69913

Ion Ratio Lower Upper

164 100

162 102.5 86.6 130.0

160 45.4 34.2 51.2

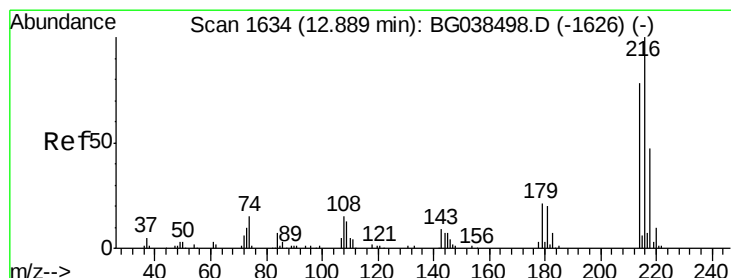
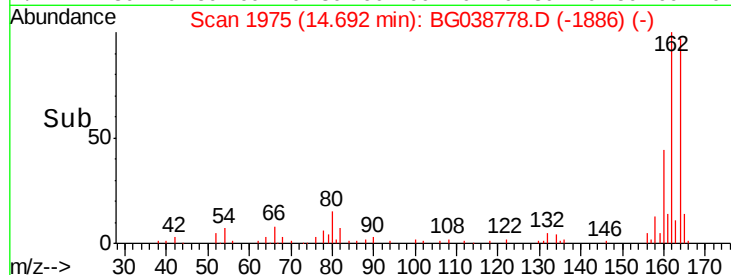
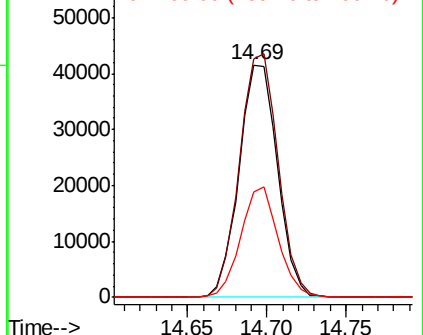


Abundance

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: 37.388 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

Tgt Ion:216 Resp: 97708

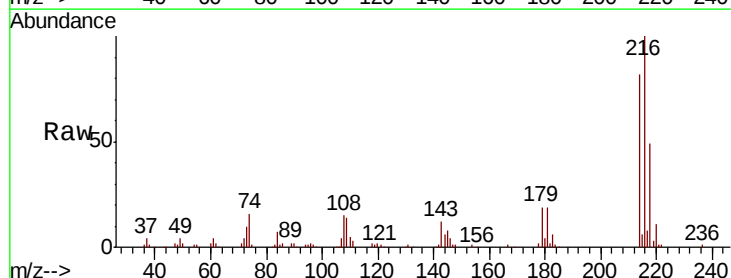
Ion Ratio Lower Upper

216 100

214 79.5 64.1 96.1

179 19.7 16.4 24.6

108 17.0 13.9 20.9



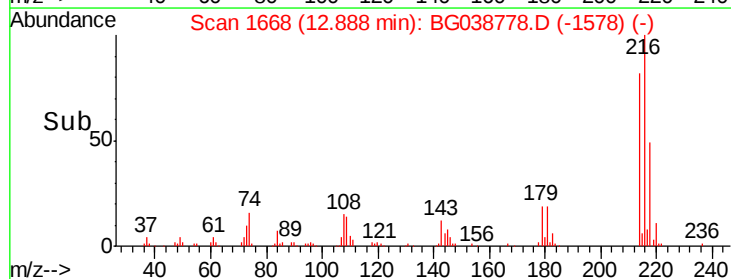
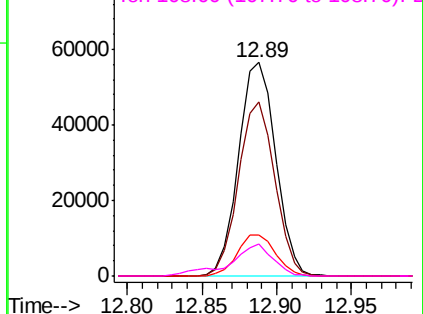
Abundance

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: 74.301 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115875BSD

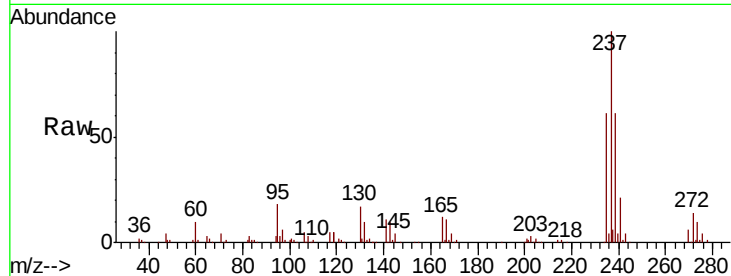
Tgt Ion: 237 Resp: 106677

Ion Ratio Lower Upper

237 100

235 61.0 38.8 78.8

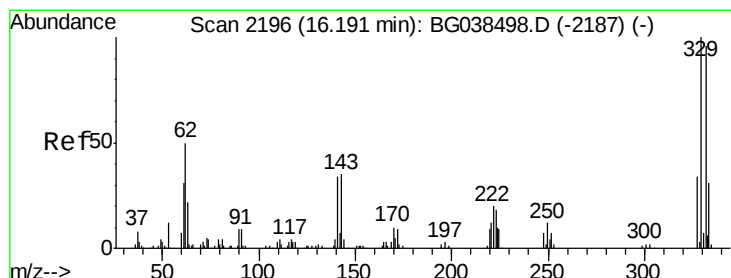
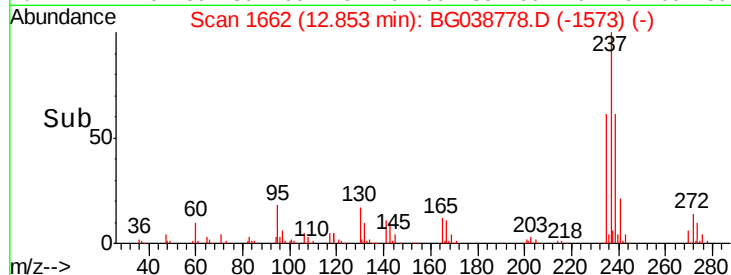
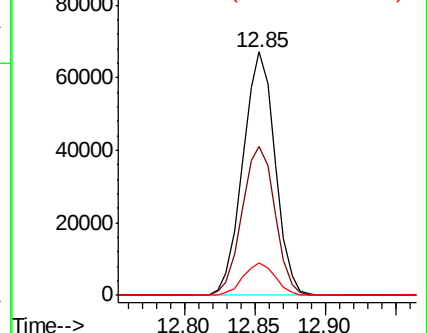
272 13.6 0.0 32.0



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: 88.213 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

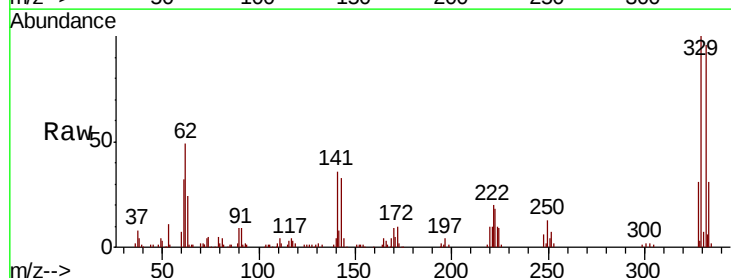
Tgt Ion: 330 Resp: 84996

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

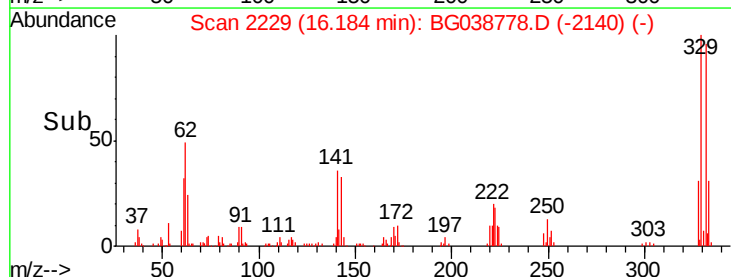
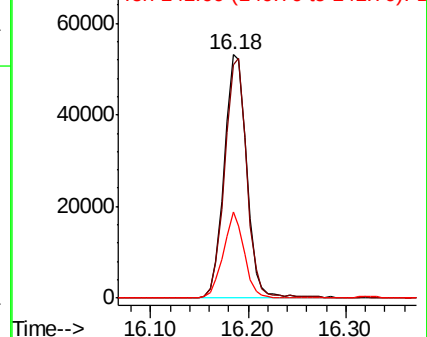
141 32.6 28.8 43.2



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

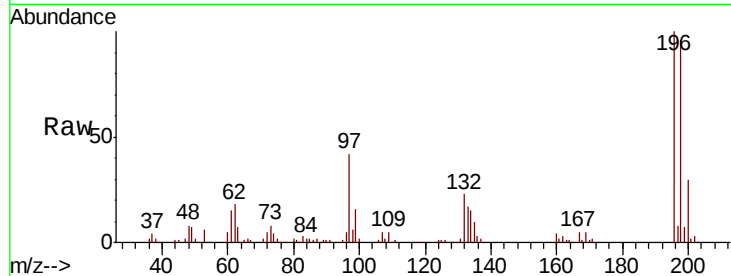




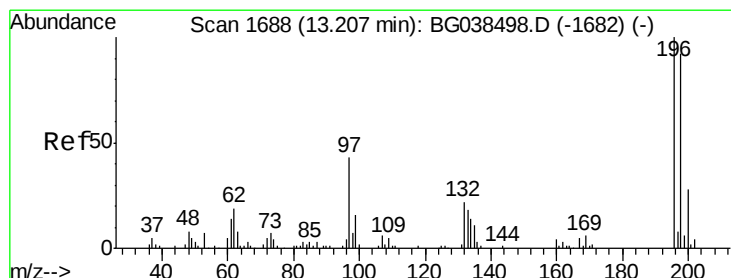
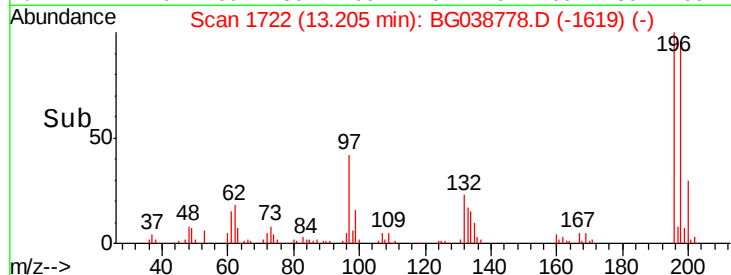
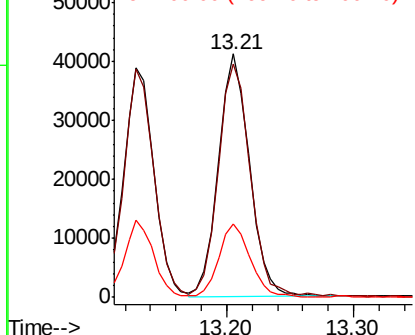
#43
 2,4,6-Trichlorophenol
 Concen: 43.714 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.08 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BSD

Tgt Ion:196 Resp: 70241
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.0 112.4
 200 30.3 22.4 33.6

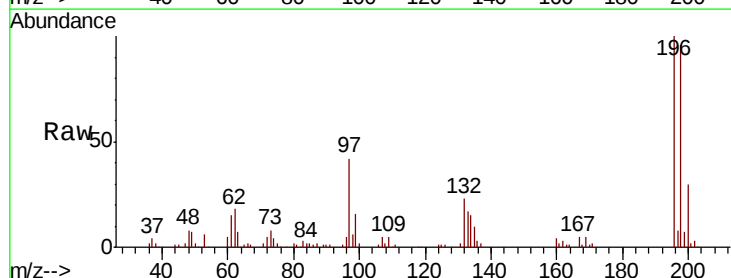


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

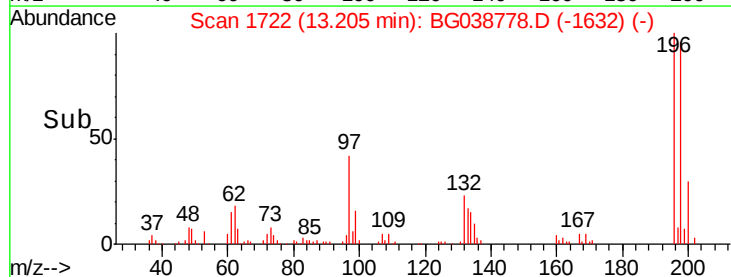
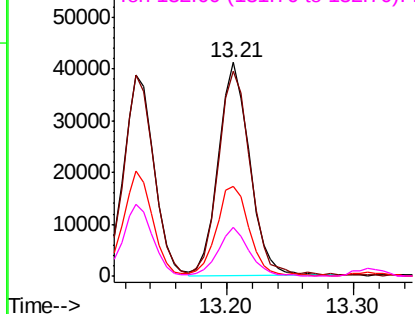


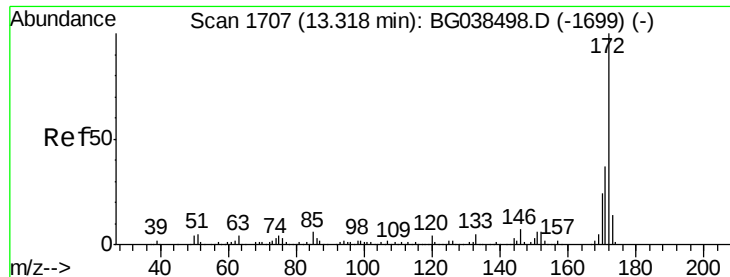
#44
 2,4,5-Trichlorophenol
 Concen: 41.287 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Tgt Ion:196 Resp: 70241
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.0 111.0
 97 41.8 35.1 52.7
 132 22.8 18.0 27.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

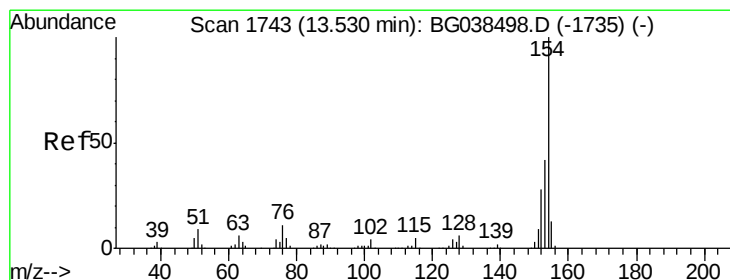
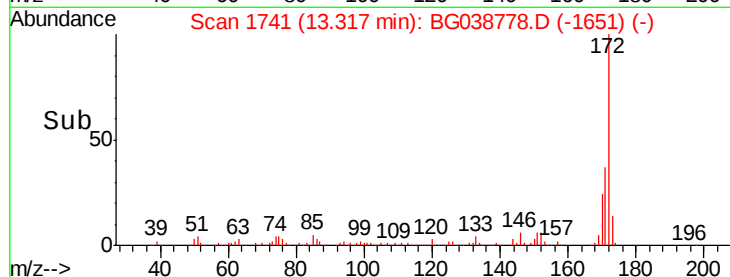
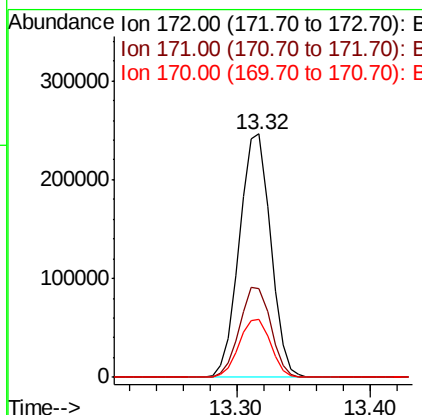
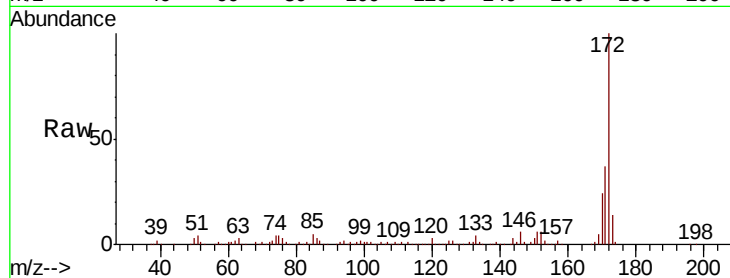




#45
 2-Fluorobiphenyl
 Concen: 78.256 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

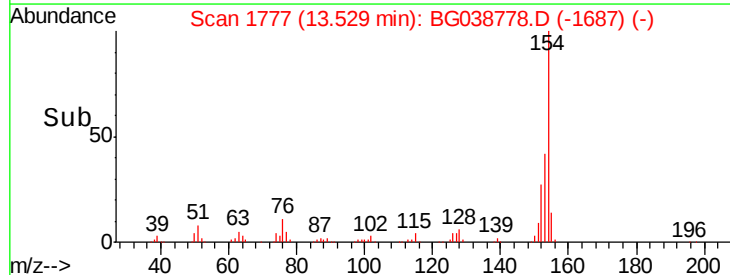
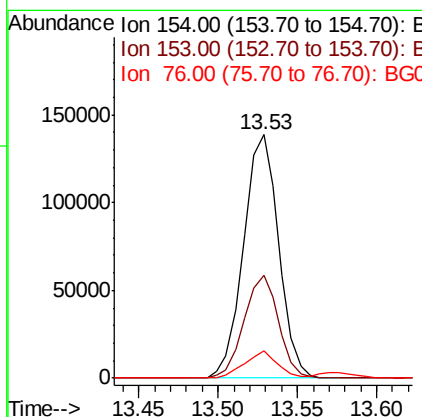
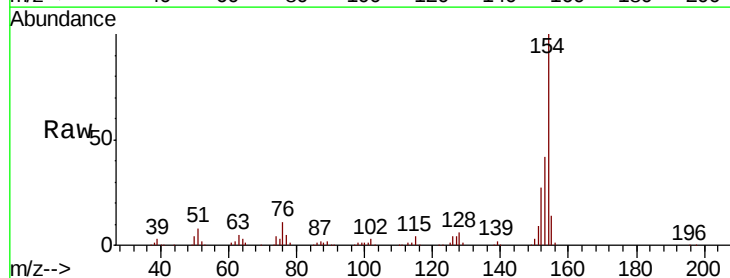
Instrument :
 BNA_G
 ClientSampleId :
 PB115875BSD

Tgt Ion:172 Resp: 398813
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.8 44.6
 170 23.8 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 36.275 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Tgt Ion:154 Resp: 212605
 Ion Ratio Lower Upper
 154 100
 153 42.2 22.1 62.1
 76 11.2 0.0 31.2

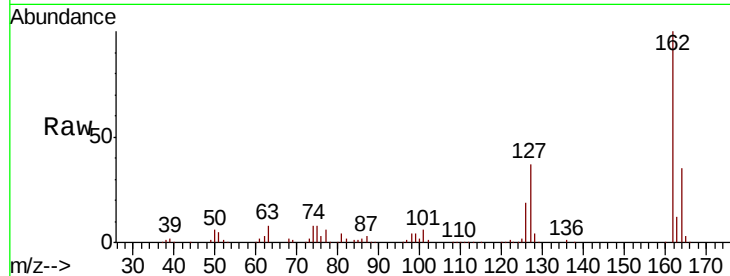




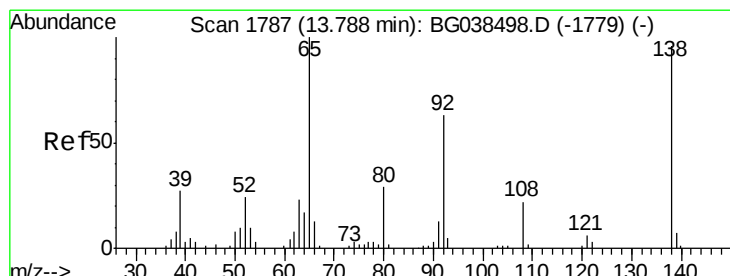
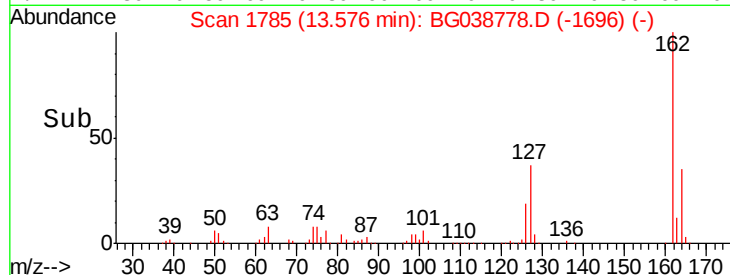
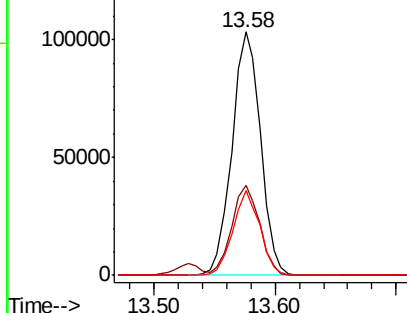
#47
 2-Chloronaphthalene
 Concen: 37.514 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.8	27.8	41.8
164	34.6	26.9	40.3

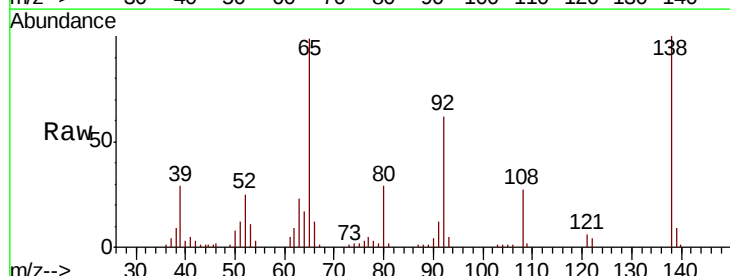


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

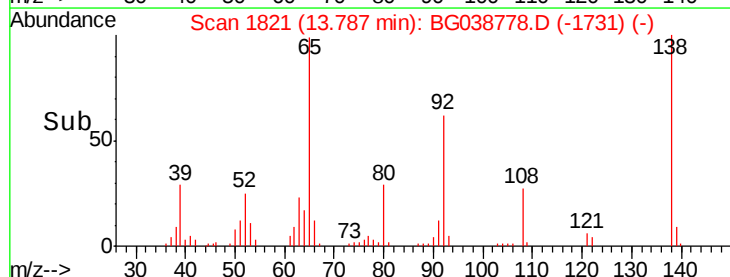
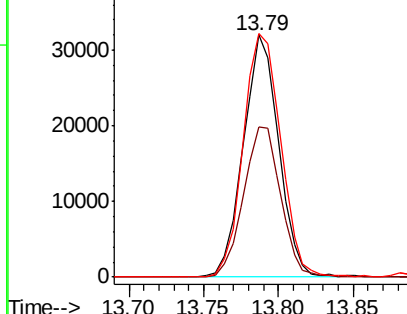


#48
 2-Nitroaniline
 Concen: 36.224 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.9	50.0	75.0
138	100.6	76.9	115.3



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: 40.442 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115875BSD

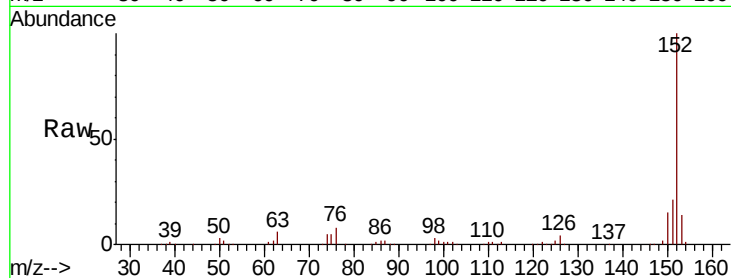
Tgt Ion:152 Resp: 273715

Ion Ratio Lower Upper

152 100

151 21.4 16.4 24.6

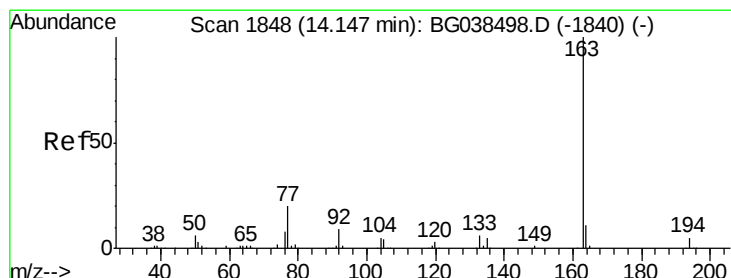
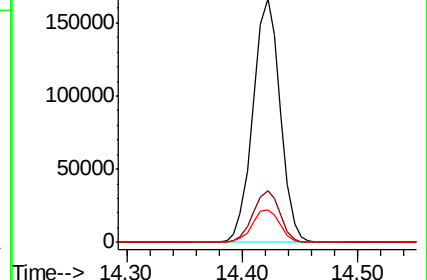
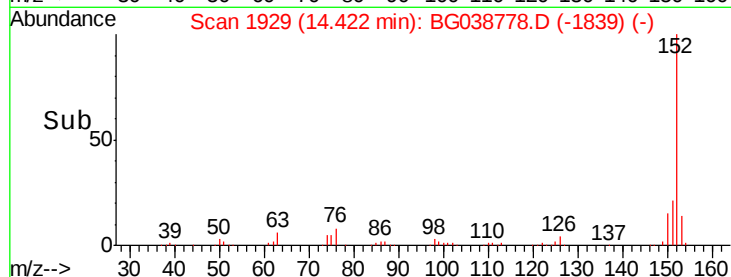
153 13.6 10.4 15.6



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: 38.003 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

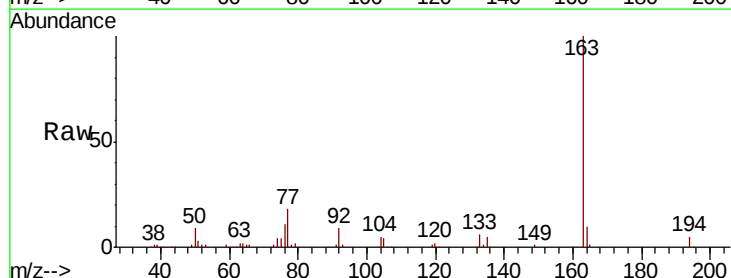
Tgt Ion:163 Resp: 216972

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

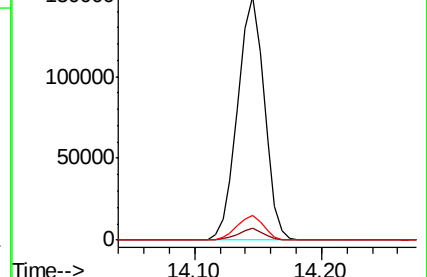
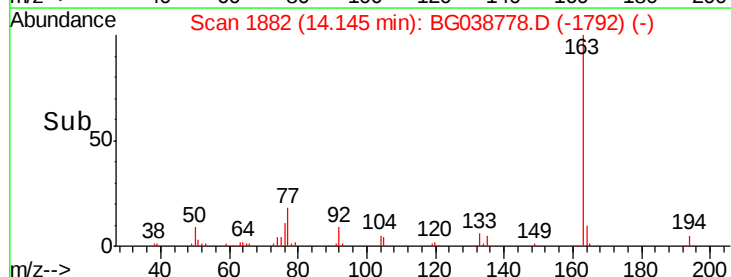
164 9.9 8.6 12.8



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

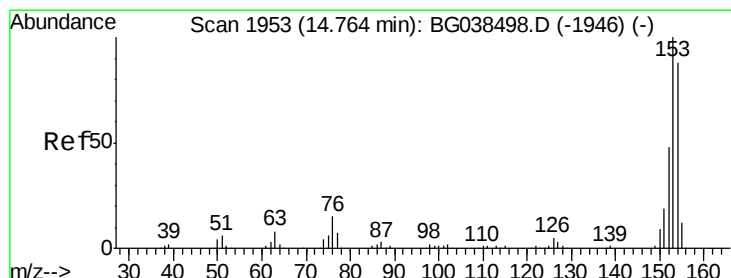
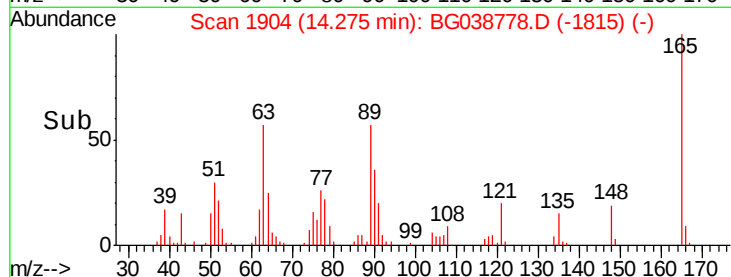
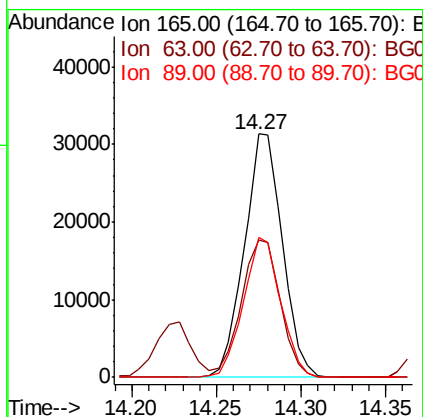
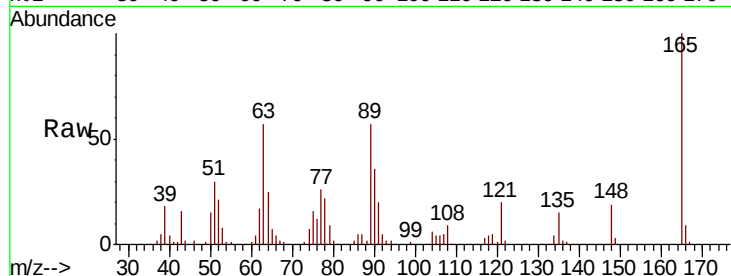




#51
 2,6-Dinitrotoluene
 Concen: 38.042 ng
 RT: 14.27 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

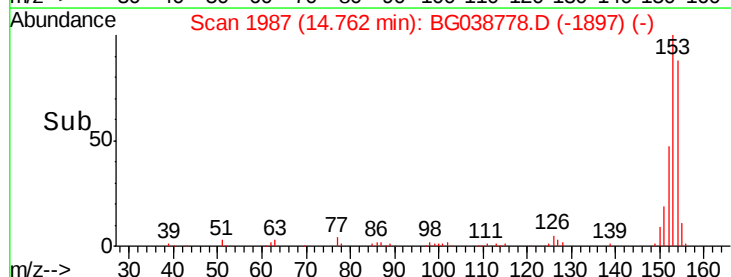
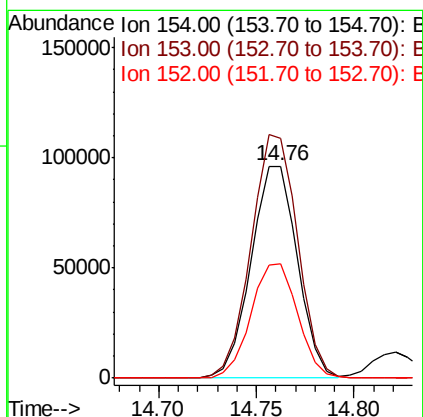
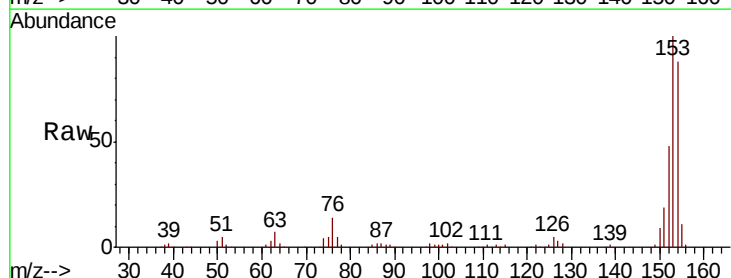
Instrument :
 BNA_G
 ClientSampleId :
 PB115875BSD

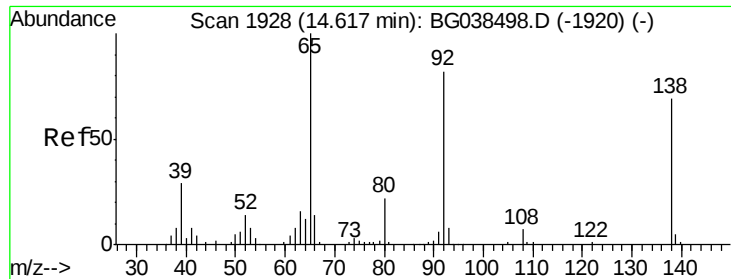
Tgt Ion:165 Resp: 49220
 Ion Ratio Lower Upper
 165 100
 63 56.7 51.8 77.6
 89 57.2 47.9 71.9



#52
 Acenaphthene
 Concen: 39.072 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Tgt Ion:154 Resp: 158127
 Ion Ratio Lower Upper
 154 100
 153 113.2 90.6 136.0
 152 53.8 43.5 65.3





#53

3-Nitroaniline

Concen: 13.469 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115875BSD

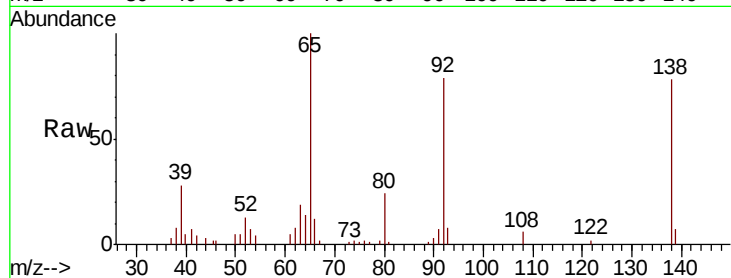
Tgt Ion:138 Resp: 17765

Ion Ratio Lower Upper

138 100

108 7.3 7.9 11.9#

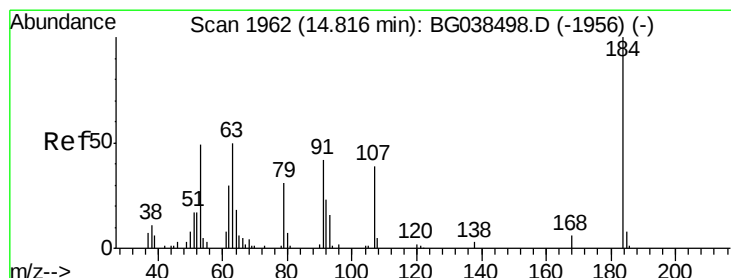
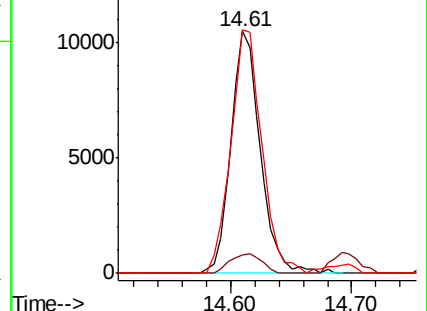
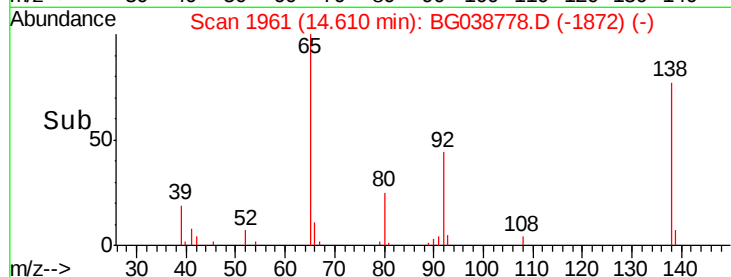
92 100.5 95.3 142.9



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: 46.979 ng

RT: 14.82 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

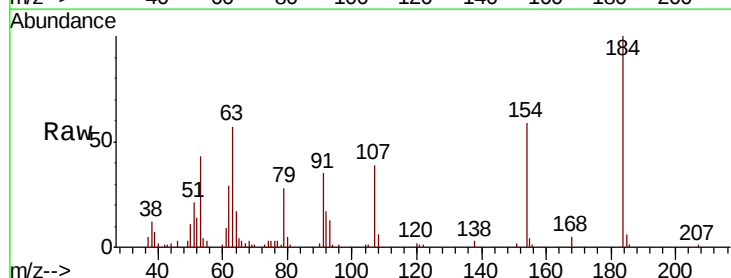
Tgt Ion:184 Resp: 34406

Ion Ratio Lower Upper

184 100

63 57.1 47.0 70.6

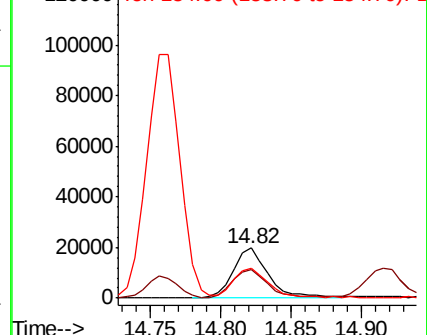
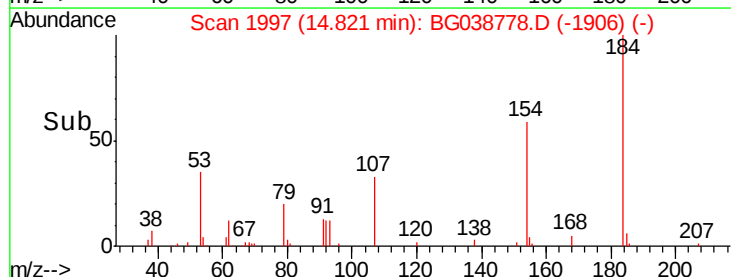
154 59.3 50.3 75.5

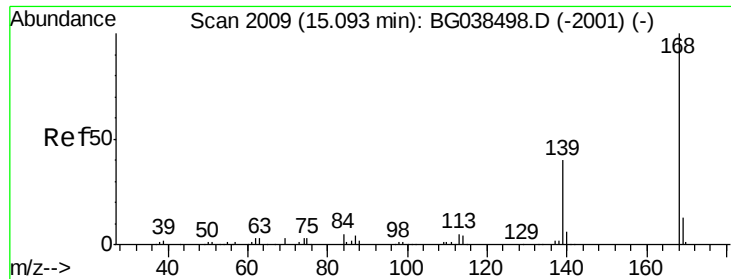


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

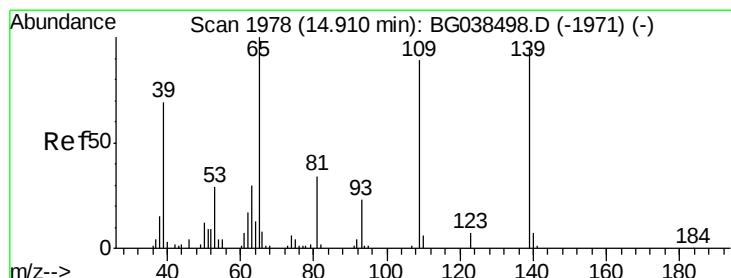
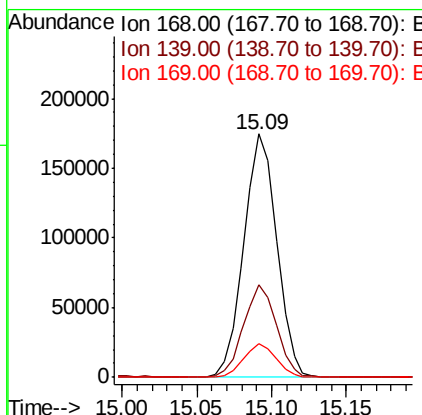
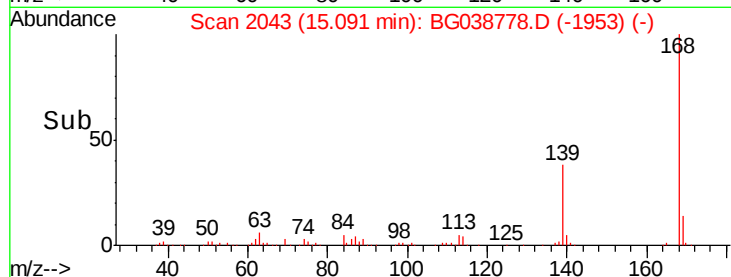
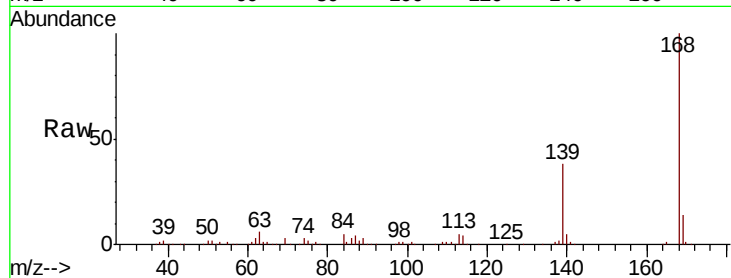




#55
Dibenzenofuran
Concen: 38.438 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

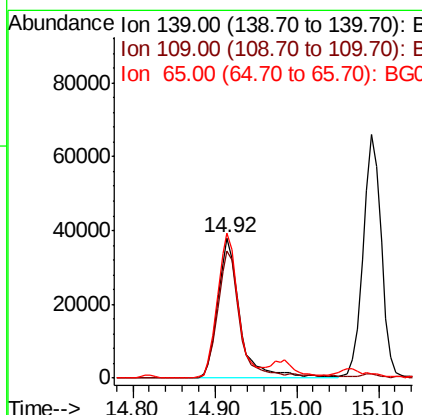
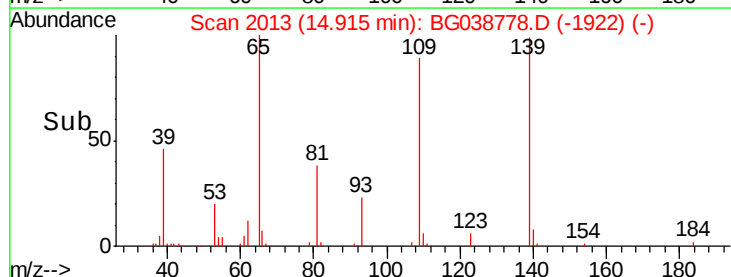
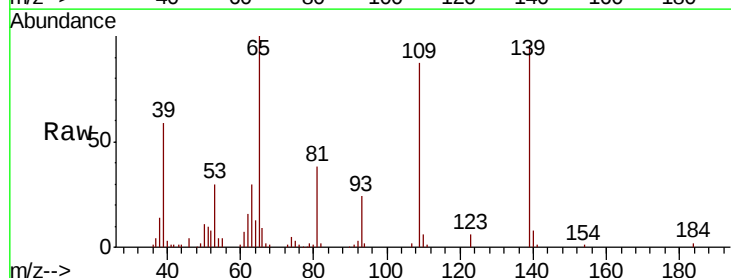
Instrument :
BNA_G
ClientSampleId :
PB115875BSD

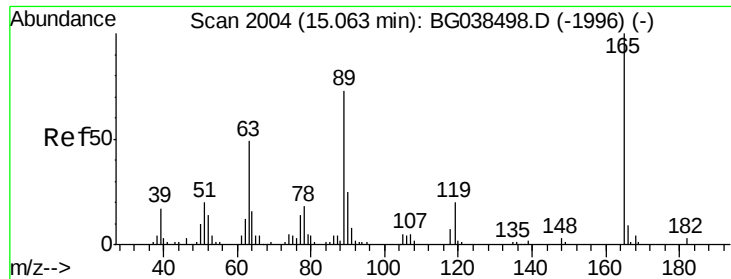
Tgt Ion:168 Resp: 266661
Ion Ratio Lower Upper
168 100
139 37.8 32.2 48.2
169 13.9 10.6 16.0



#56
4-Nitrophenol
Concen: 72.666 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

Tgt Ion:139 Resp: 72706
Ion Ratio Lower Upper
139 100
109 90.5 73.6 113.6
65 103.7 84.8 124.8

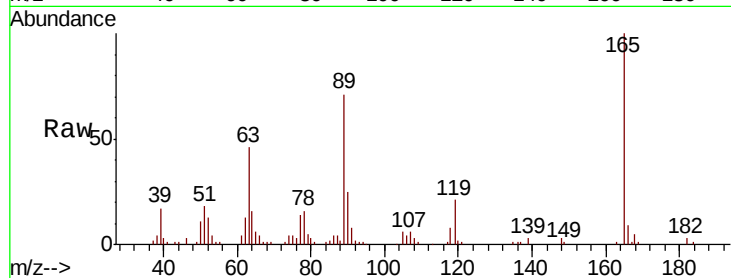




#57
2,4-Dinitrotoluene
Concen: 37.450 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

Instrument :
BNA_G
ClientSampleId :
PB115875BSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.9	39.0	58.4
89	70.5	58.0	87.0
182	2.7	2.3	3.5



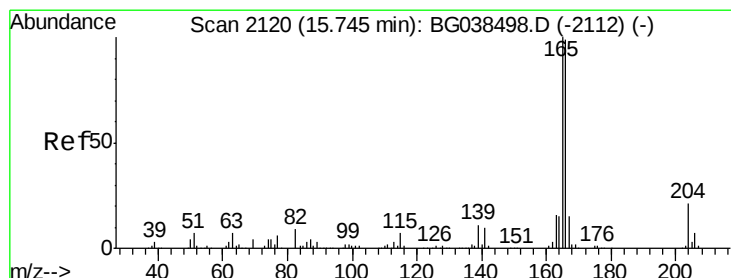
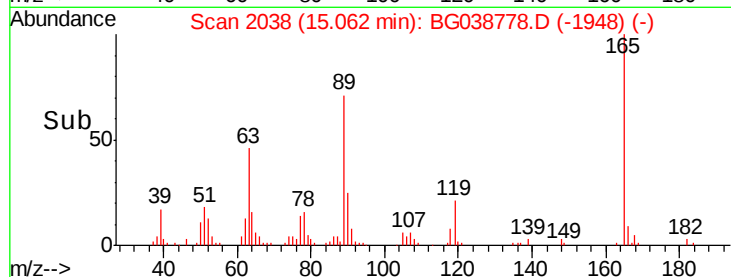
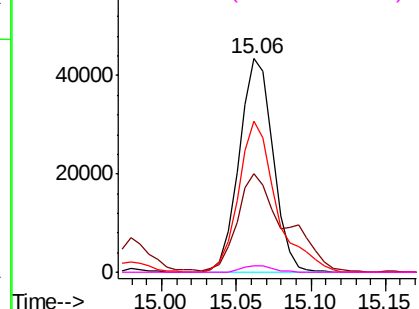
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

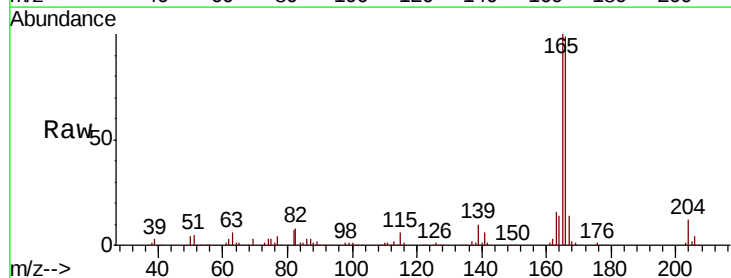
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.812 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.5	80.6	120.8
167	14.6	12.0	18.0

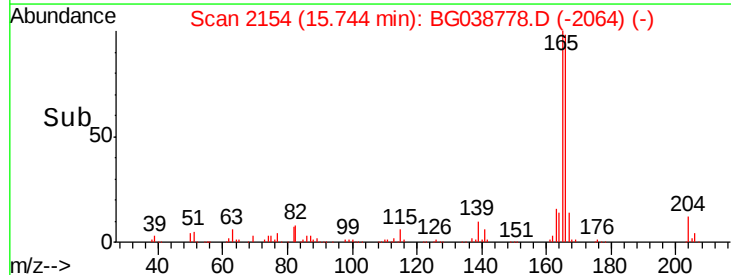
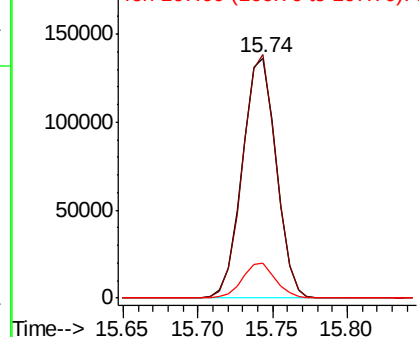


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

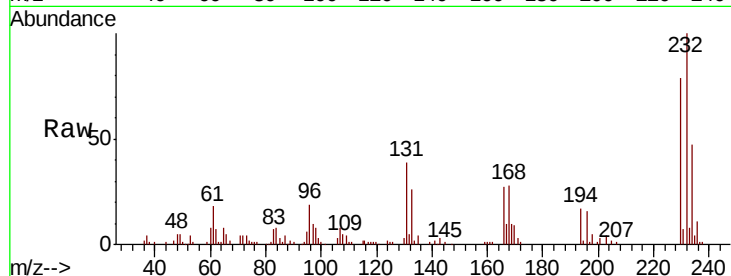




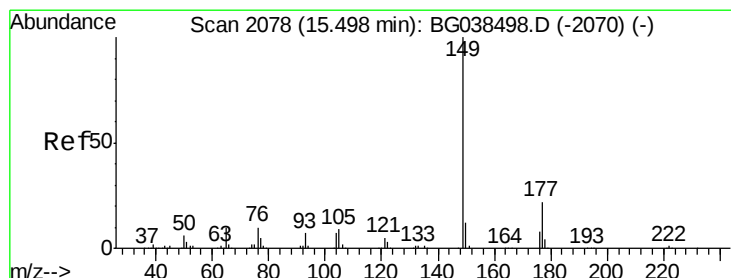
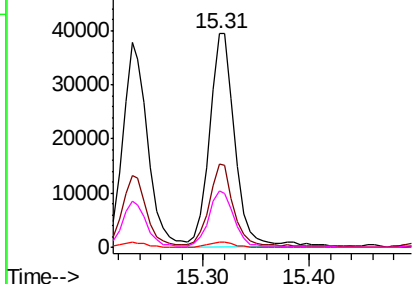
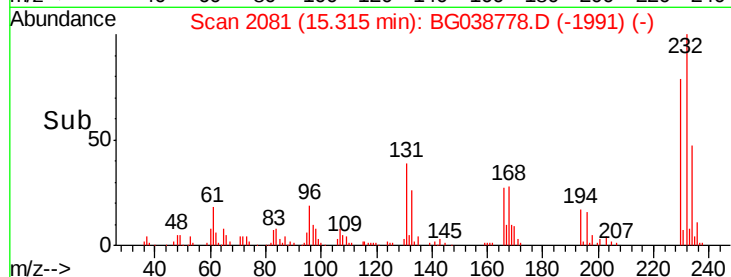
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.359 ng
RT: 15.31 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

Instrument :
BNA_G
ClientSampleId :
PB115875BSD

Tgt Ion: 232 Resp: 66366
Ion Ratio Lower Upper
232 100
131 37.3 33.0 49.4
130 2.4 2.0 3.0
166 26.8 23.1 34.7

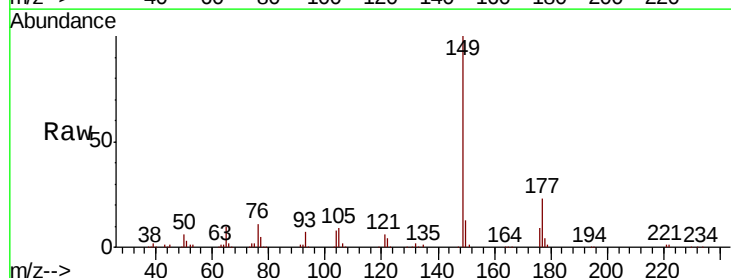


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

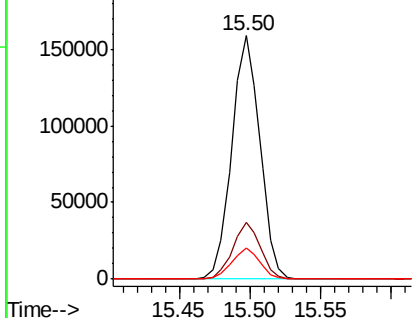
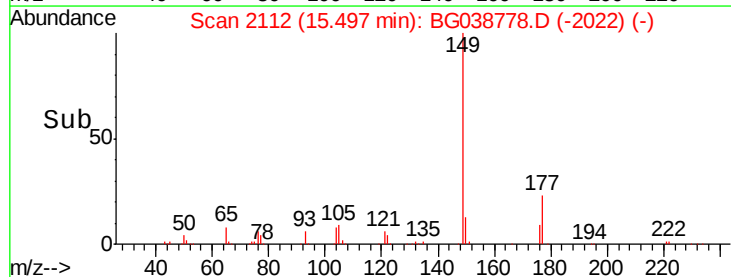


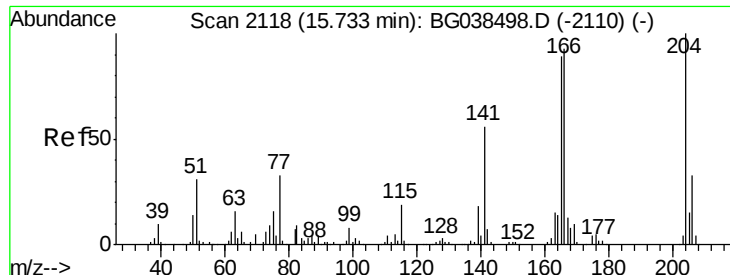
#60
Diethylphthalate
Concen: 35.142 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

Tgt Ion: 149 Resp: 220253
Ion Ratio Lower Upper
149 100
177 23.2 17.7 26.5
150 12.7 9.9 14.9



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

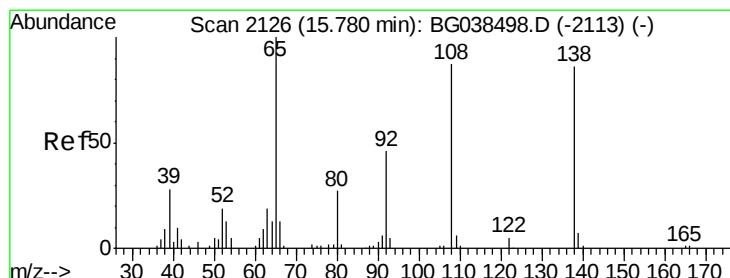
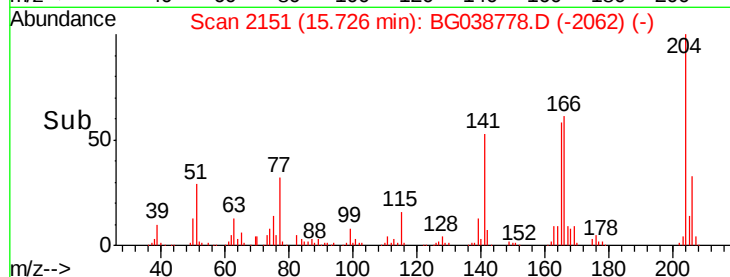
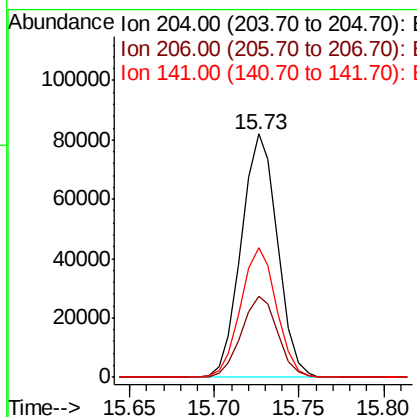
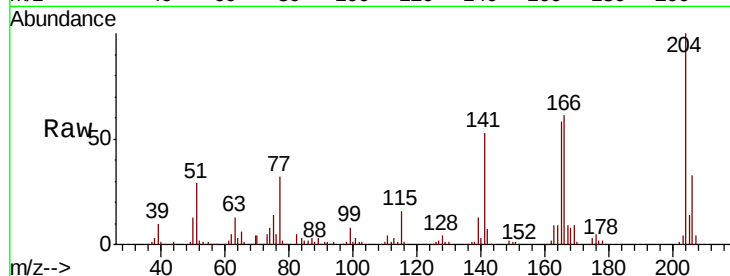




#61
 4-Chlorophenyl-phenylether
 Concen: 38.008 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

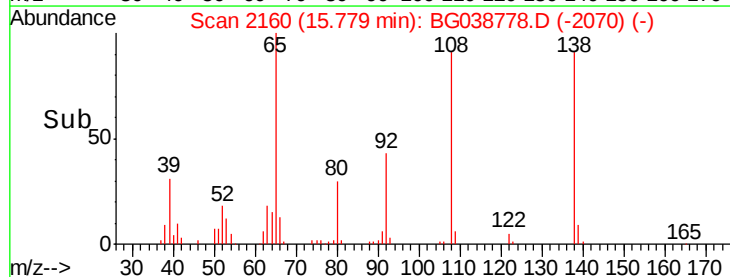
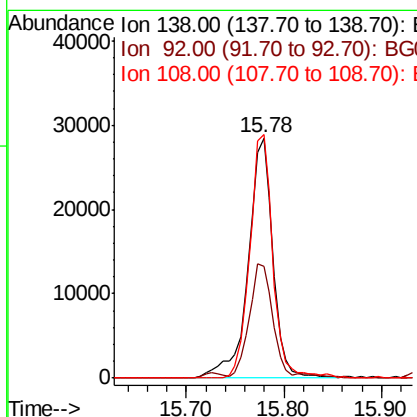
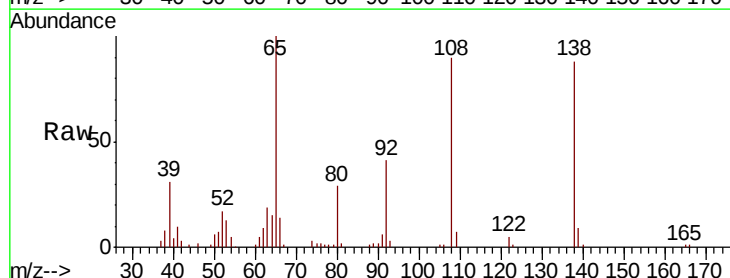
Instrument :
 BNA_G
 ClientSampleId :
 PB115875BSD

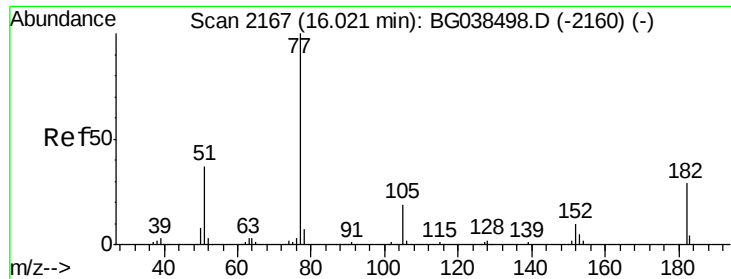
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.0	39.0
141	53.4	44.4	66.6



#62
 4-Nitroaniline
 Concen: 37.340 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	33.3	73.3
108	101.5	81.4	121.4





#63

Azobenzene

Concen: 35.364 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115875BSD

Tgt Ion: 77 Resp: 185160

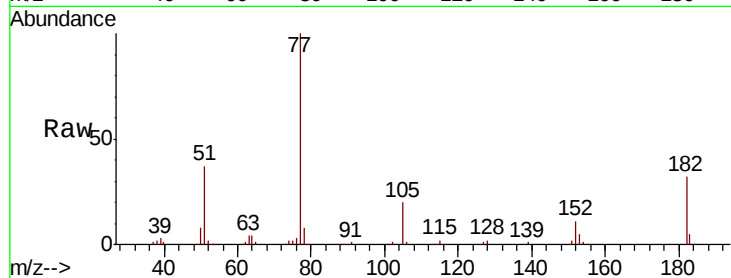
Ion Ratio Lower Upper

77 100

182 32.5 8.7 48.7

105 19.9 0.0 38.7

51 37.2 16.6 56.6

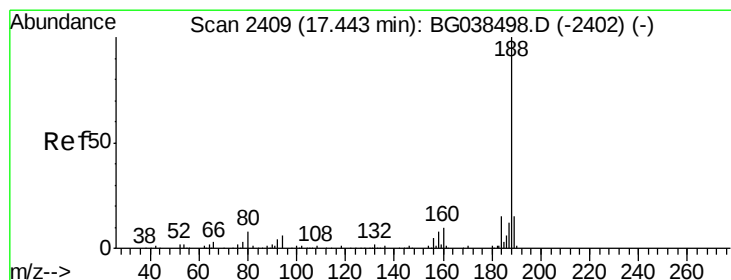
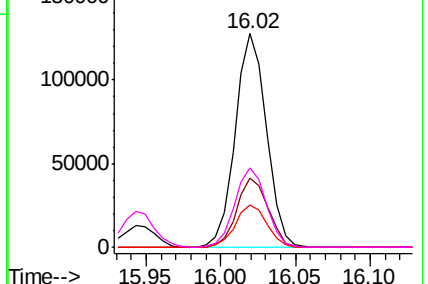
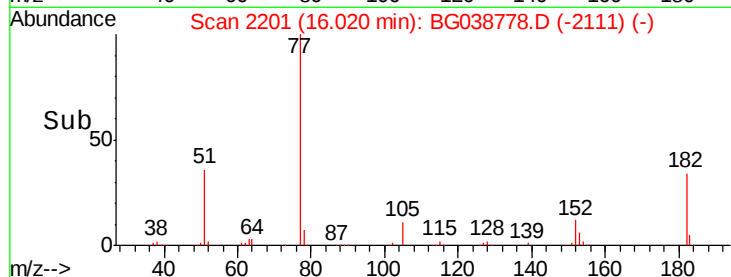


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

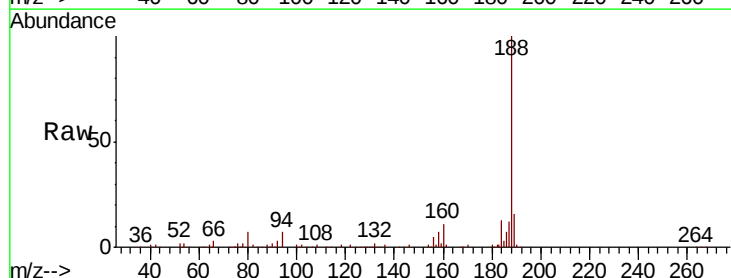
Tgt Ion: 188 Resp: 172531

Ion Ratio Lower Upper

188 100

94 6.6 5.1 7.7

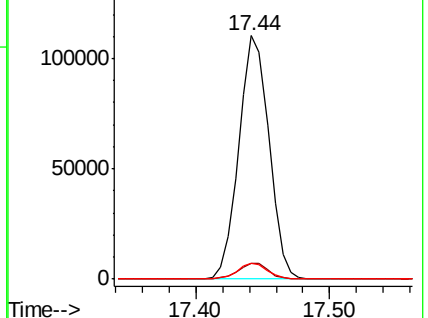
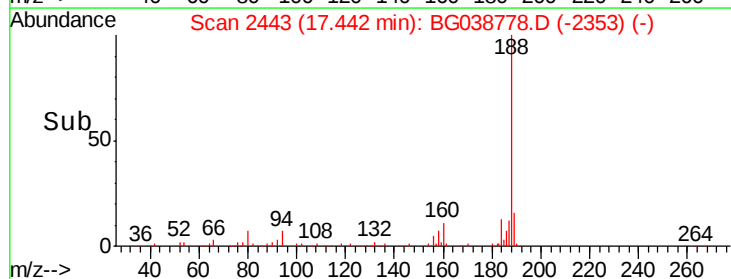
80 6.5 6.1 9.1



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

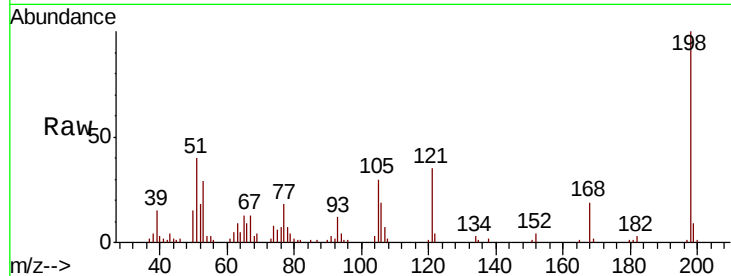




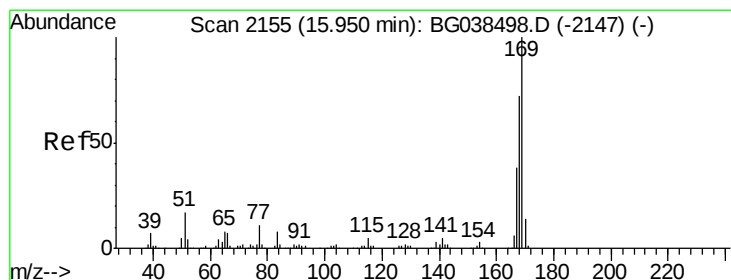
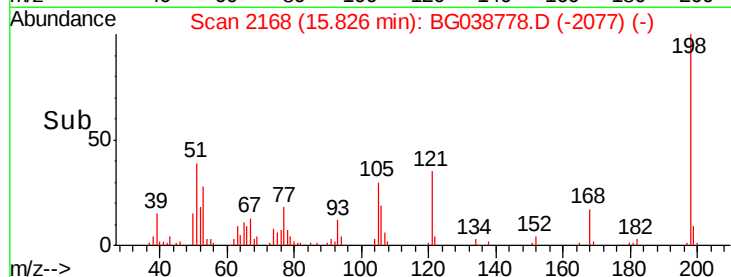
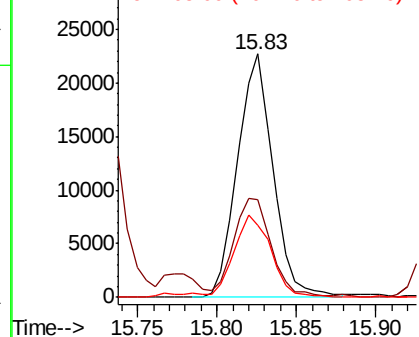
#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.782 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BSD

Tgt Ion:198 Resp: 35424
 Ion Ratio Lower Upper
 198 100
 51 40.1 28.6 68.6
 105 29.8 20.4 60.4

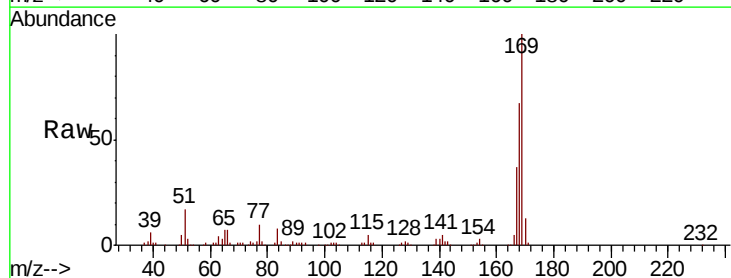


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

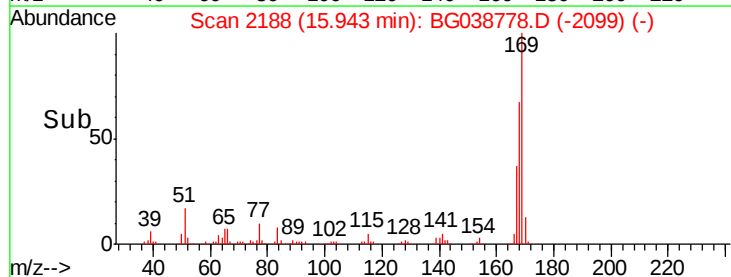
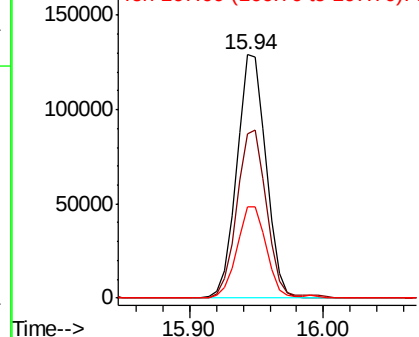


#66
 n-Nitrosodiphenylamine
 Concen: 38.757 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Tgt Ion:169 Resp: 196474
 Ion Ratio Lower Upper
 169 100
 168 67.4 57.5 86.3
 167 37.3 30.2 45.2



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

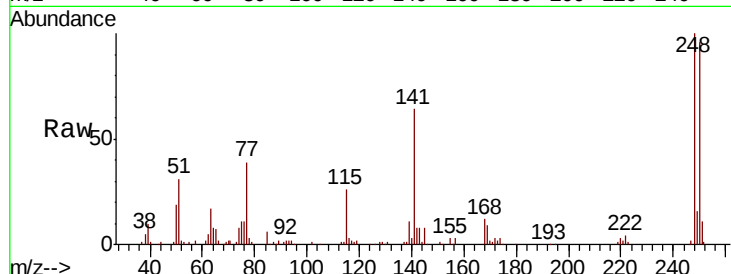




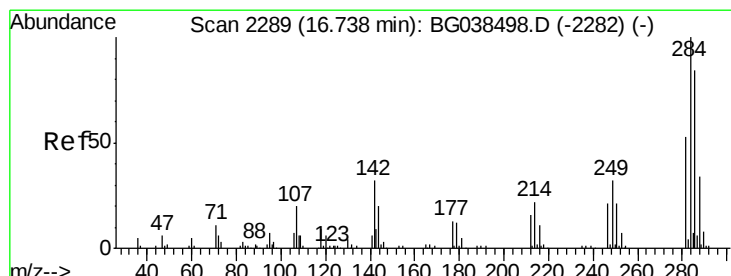
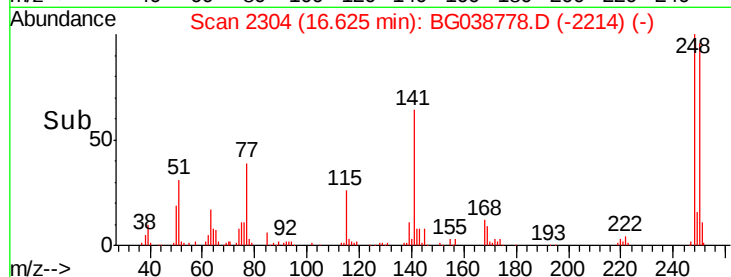
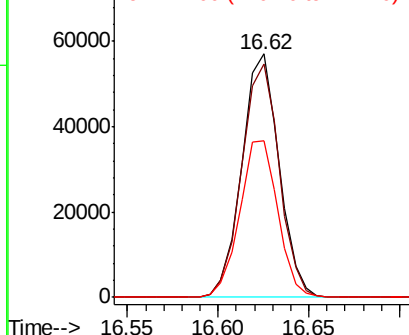
#67
 4-Bromophenyl-phenylether
 Concen: 38.748 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BSD

Tgt Ion:248 Resp: 81645
 Ion Ratio Lower Upper
 248 100
 250 95.7 73.4 110.2
 141 64.4 52.9 79.3

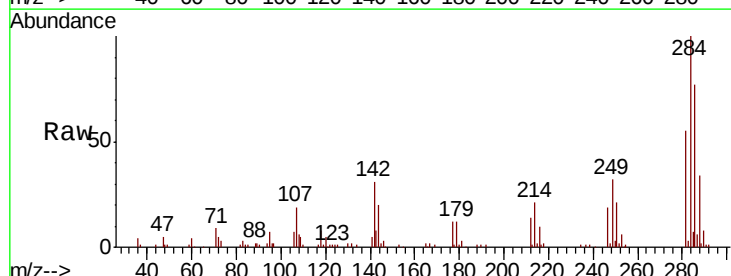


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

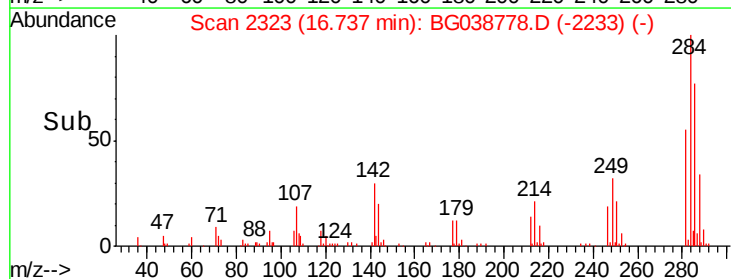
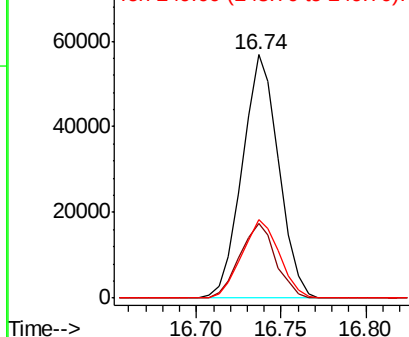


#68
 Hexachlorobenzene
 Concen: 38.978 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Tgt Ion:284 Resp: 85138
 Ion Ratio Lower Upper
 284 100
 142 30.5 25.8 38.6
 249 35.0 27.0 40.4



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: 41.461 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115875BSD

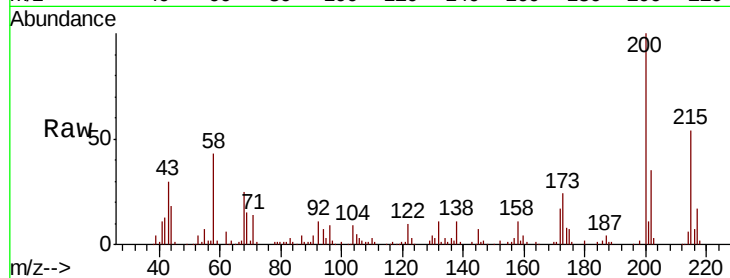
Tgt Ion:200 Resp: 78000

Ion Ratio Lower Upper

200 100

173 24.3 5.9 45.9

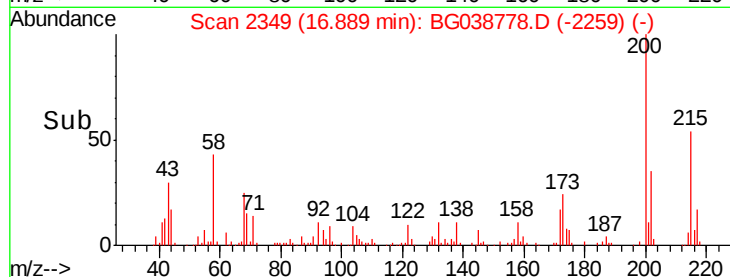
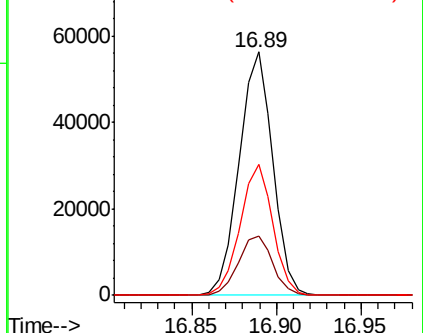
215 53.6 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 61.355 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

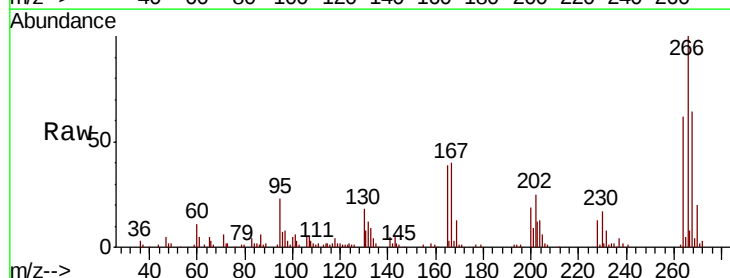
Tgt Ion:266 Resp: 79268

Ion Ratio Lower Upper

266 100

268 67.6 55.0 82.6

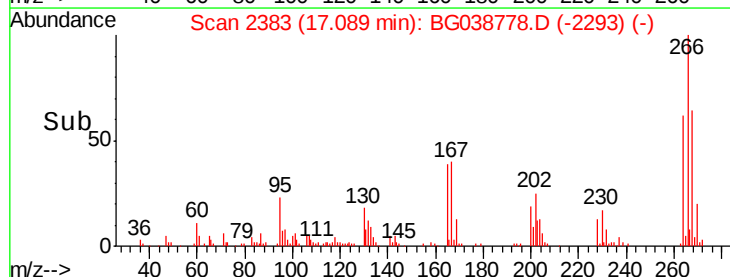
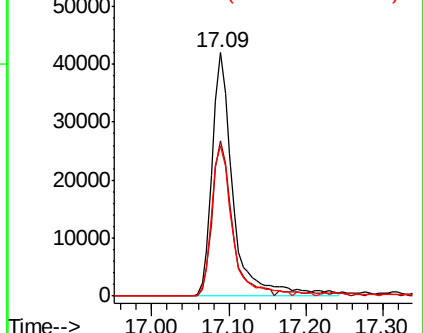
264 66.7 56.7 85.1

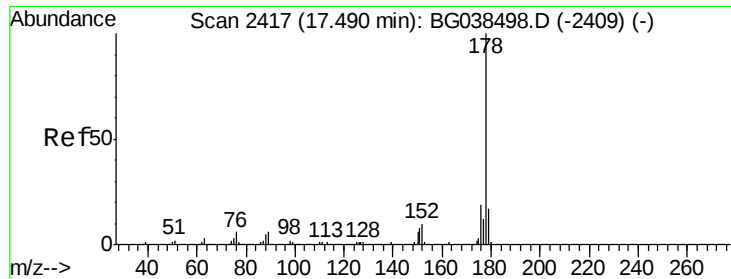


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

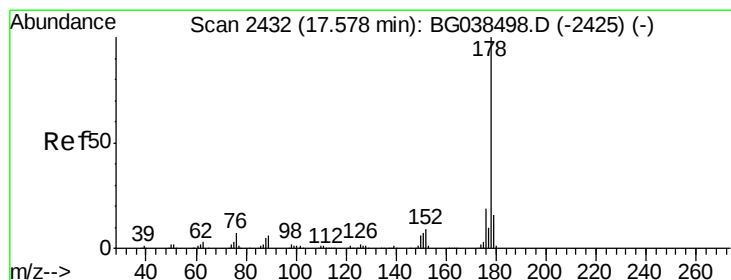
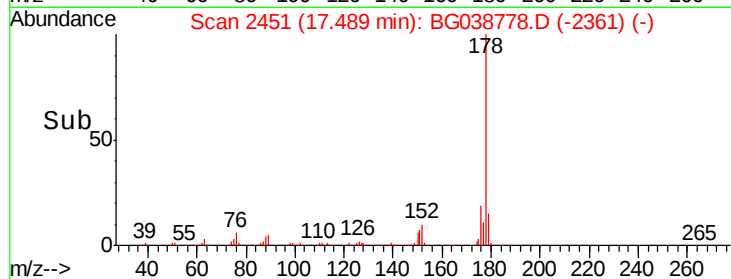
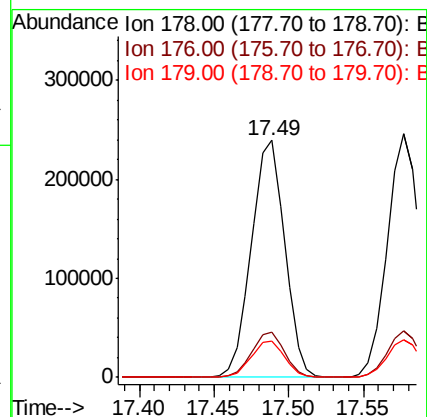
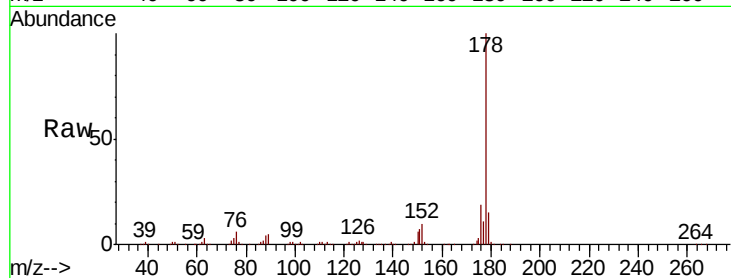




#71
Phenanthrene
Concen: 41.340 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

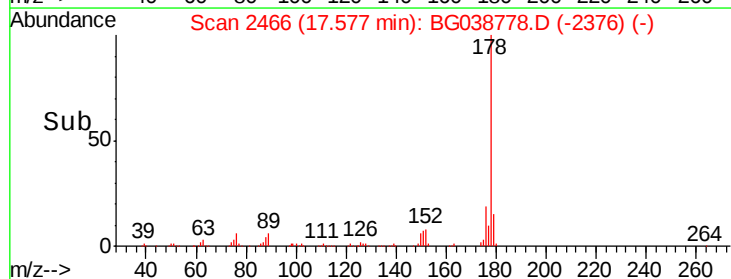
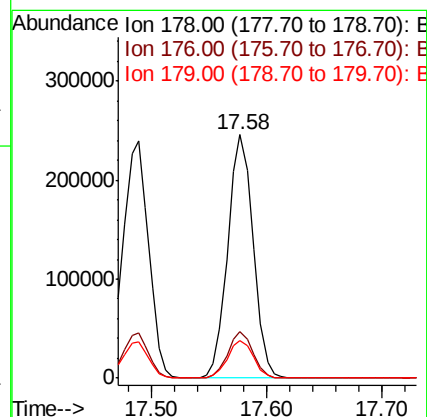
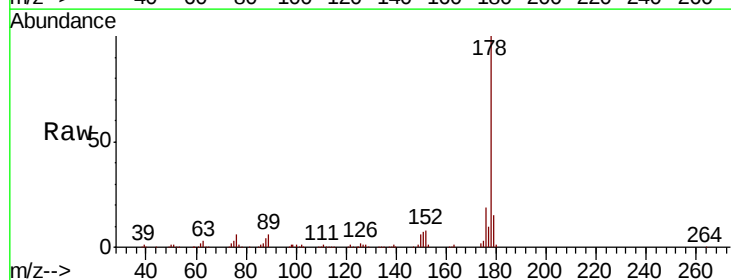
Instrument :
BNA_G
ClientSampleId :
PB115875BSD

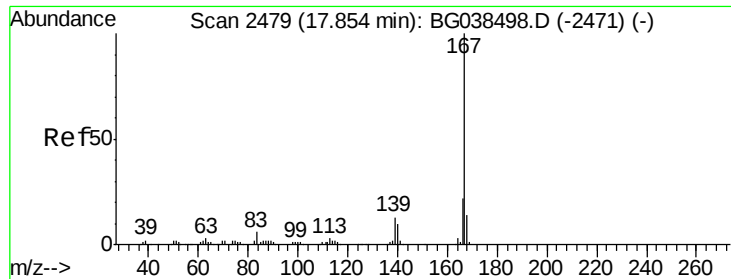
Tgt Ion:178 Resp: 369861
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.2 13.2 19.8



#72
Anthracene
Concen: 42.435 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

Tgt Ion:178 Resp: 374807
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.3 12.9 19.3

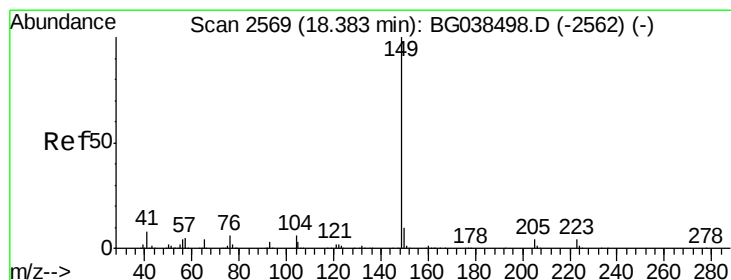
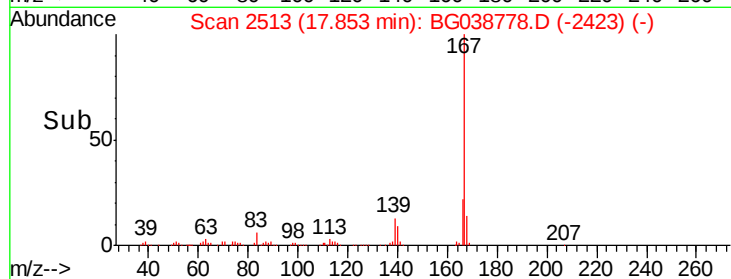
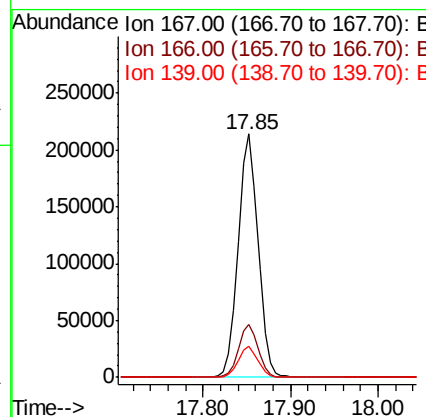
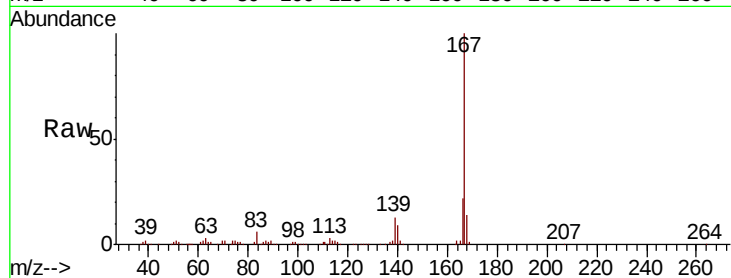




#73
 Carbazole
 Concen: 37.622 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

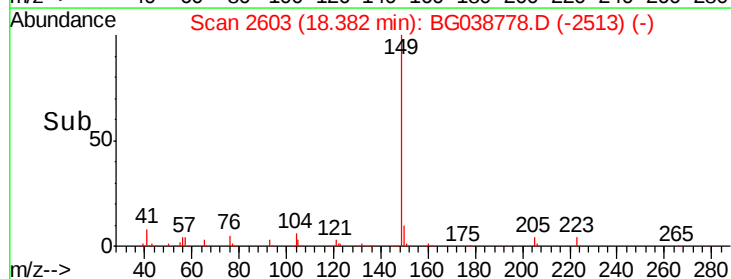
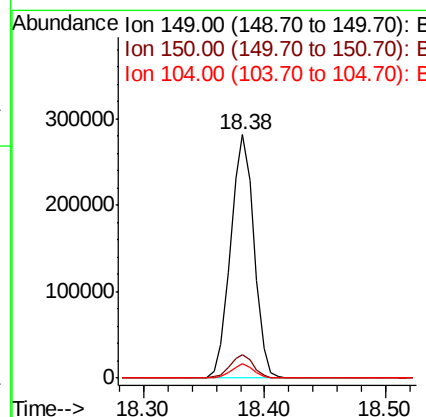
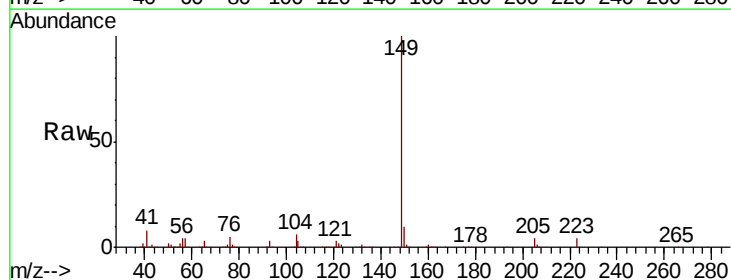
Instrument :
 BNA_G
 ClientSampleId :
 PB115875BSD

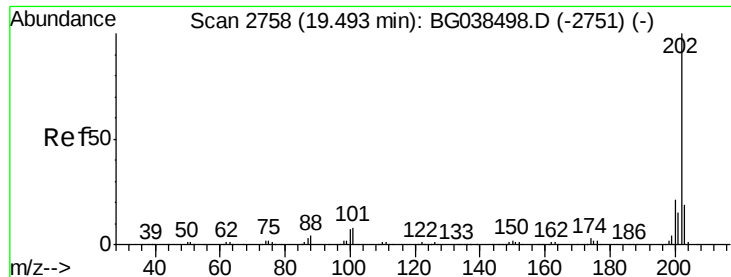
Tgt Ion:167 Resp: 328634
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.9 26.9
 139 12.8 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 37.706 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Tgt Ion:149 Resp: 377927
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 5.8 5.0 7.4

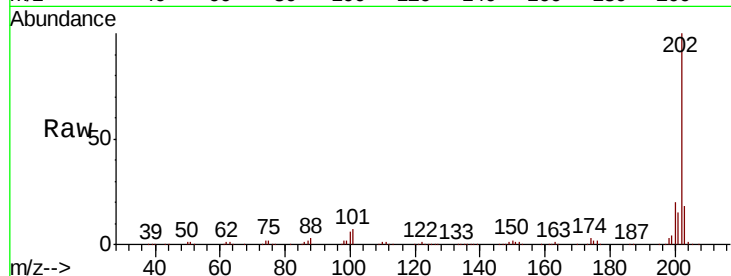




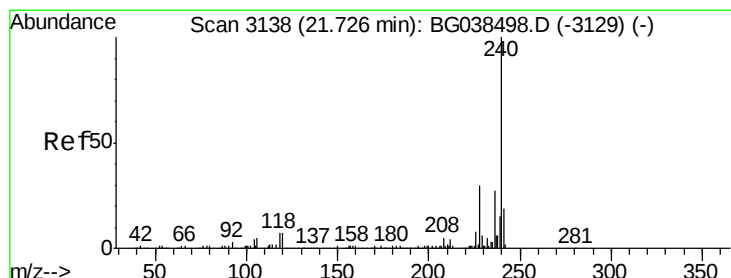
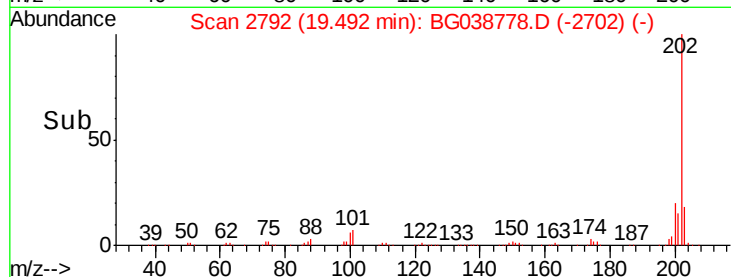
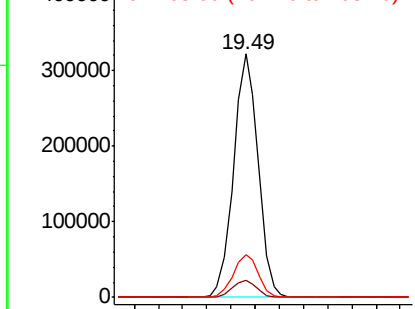
#75
 Fluoranthene
 Concen: 41.095 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	28.1
203	17.7	0.0	39.0

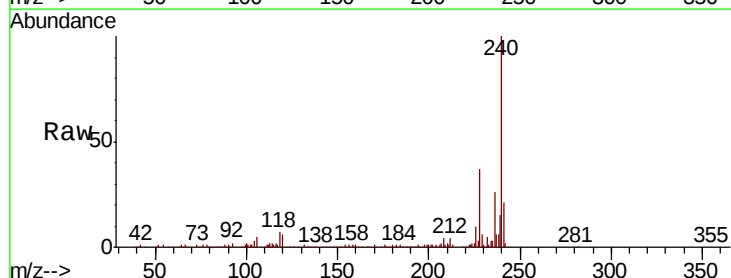


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

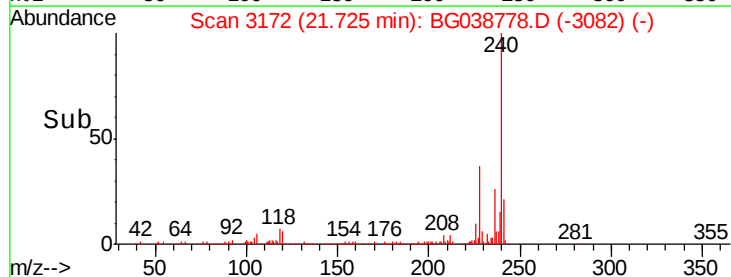
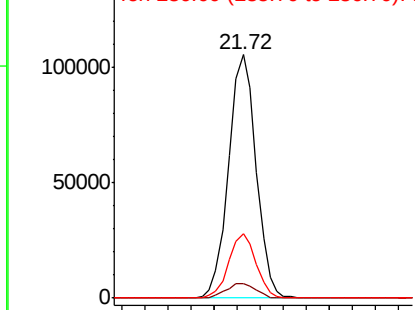


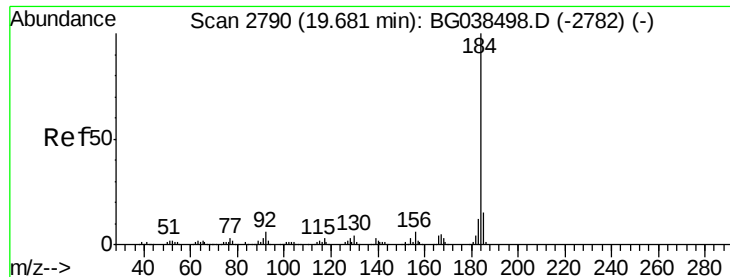
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038778.D
 Acq: 21 Dec 2018 1:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.3	7.9
236	26.5	21.4	32.2



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: 32.073 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115875BSD

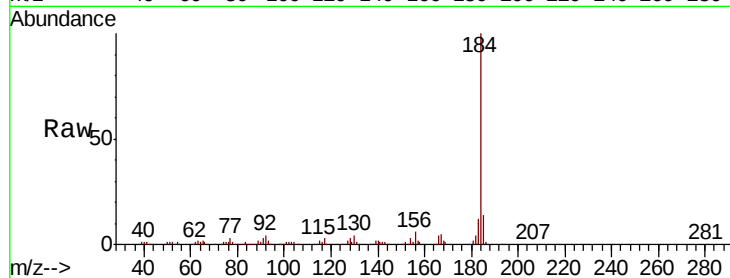
Tgt Ion:184 Resp: 165040

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

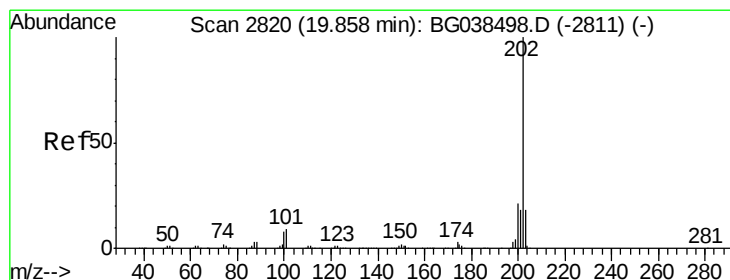
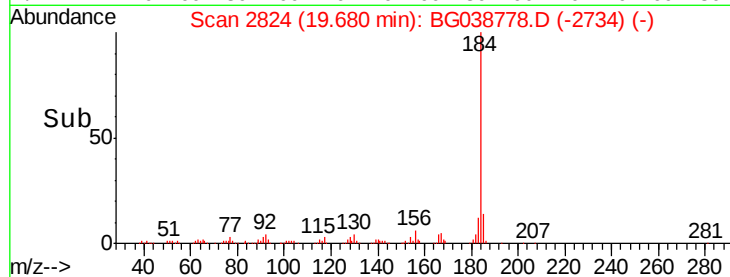
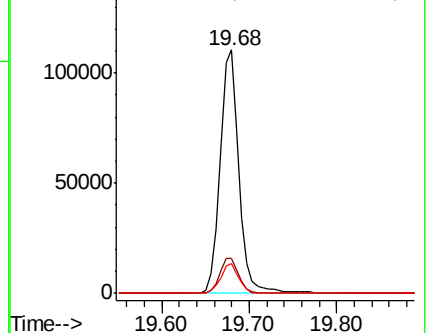
183 12.4 9.6 14.4



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: 39.436 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

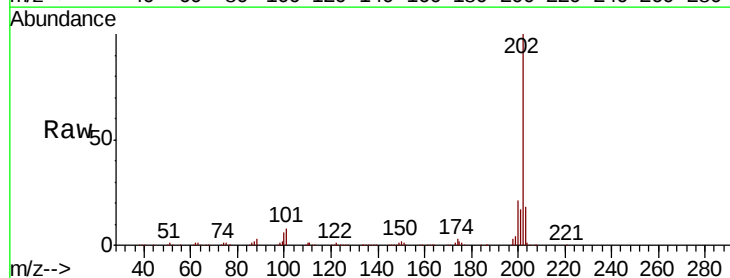
Tgt Ion:202 Resp: 453308

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

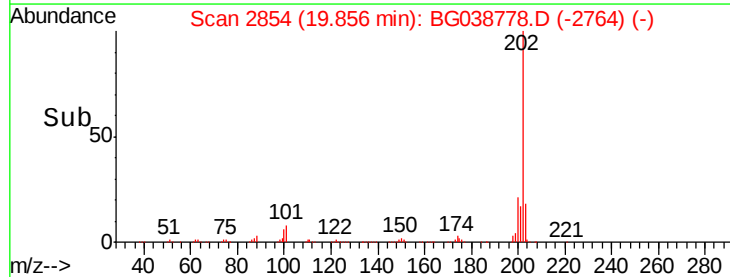
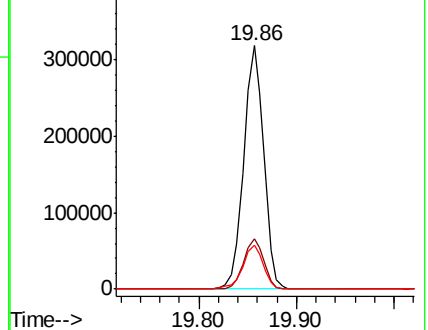
203 18.1 14.6 21.8



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: 78.704 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115875BSD

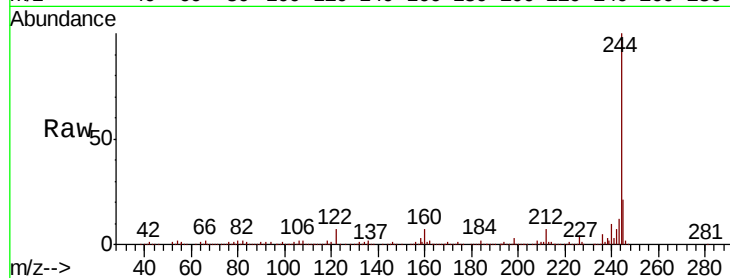
Tgt Ion:244 Resp: 629230

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

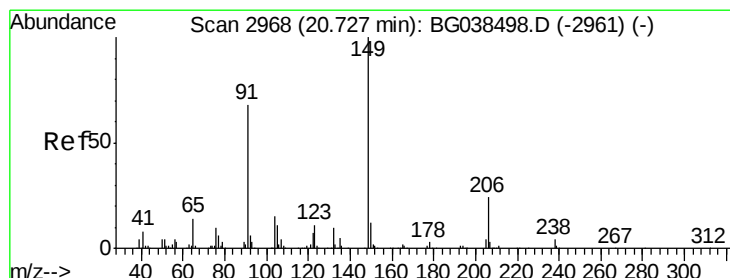
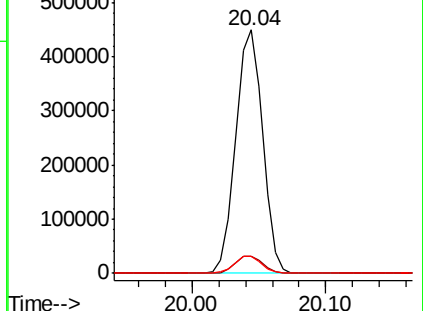
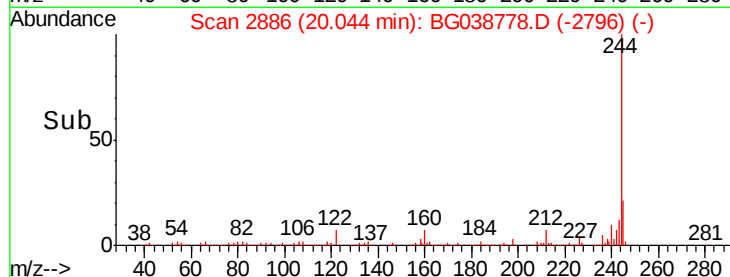
122 7.1 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.710 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

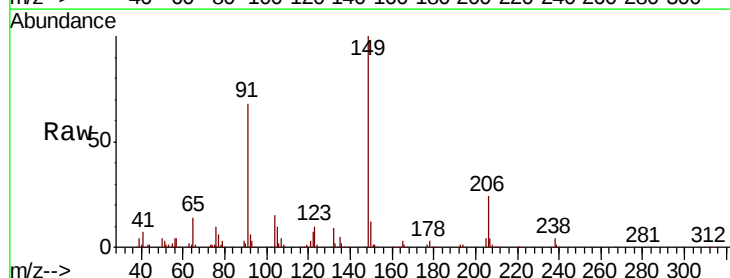
Tgt Ion:149 Resp: 169350

Ion Ratio Lower Upper

149 100

91 67.7 54.5 81.7

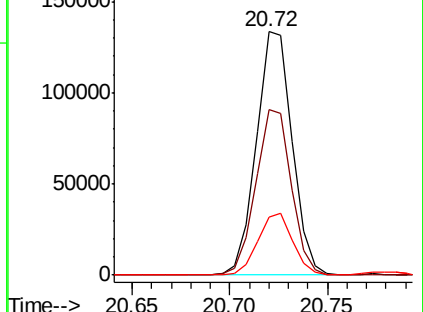
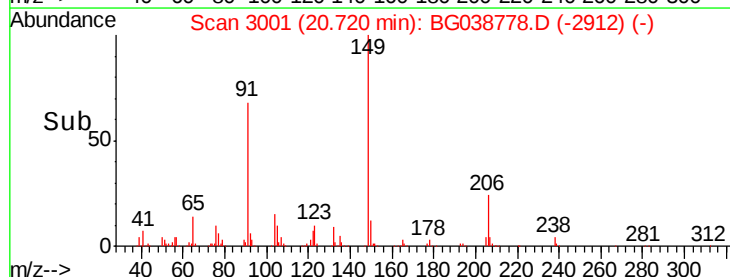
206 24.0 19.0 28.6

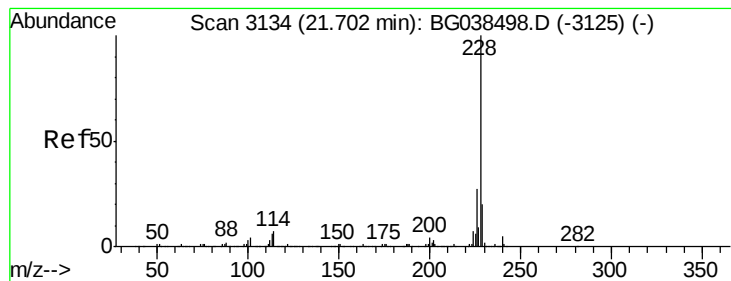


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.828 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115875BSD

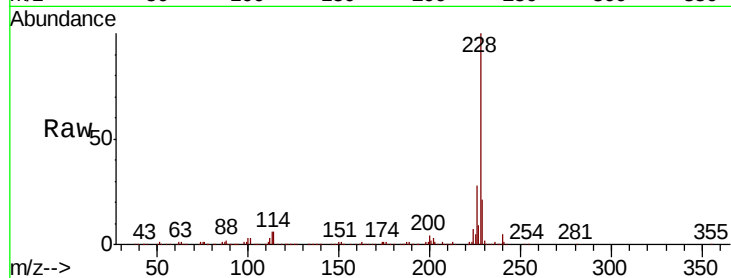
Tgt Ion:228 Resp: 443483

Ion Ratio Lower Upper

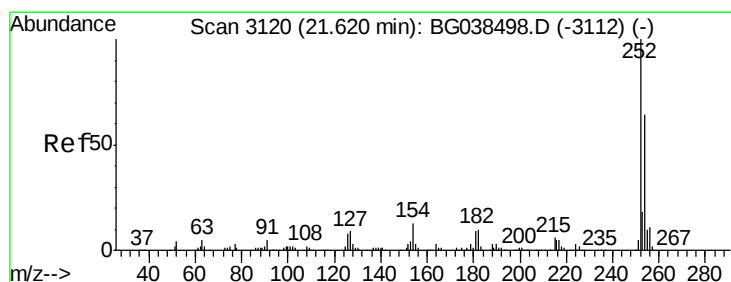
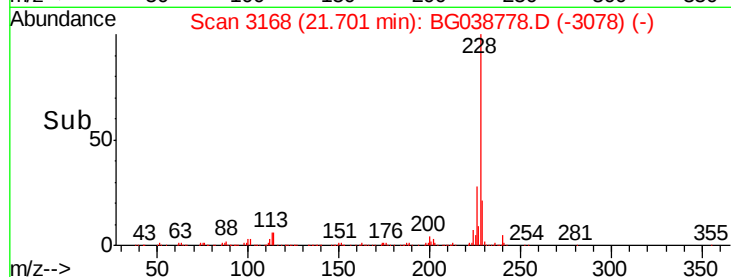
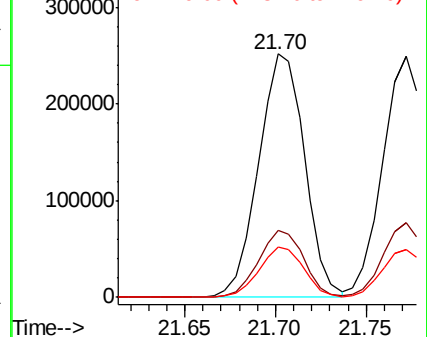
228 100

226 27.6 21.8 32.8

229 20.8 15.8 23.6



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: 16.531 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

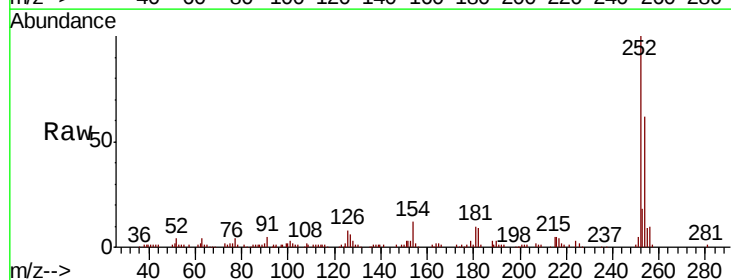
Tgt Ion:252 Resp: 69514

Ion Ratio Lower Upper

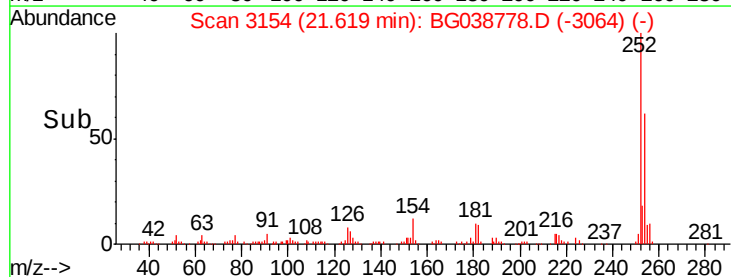
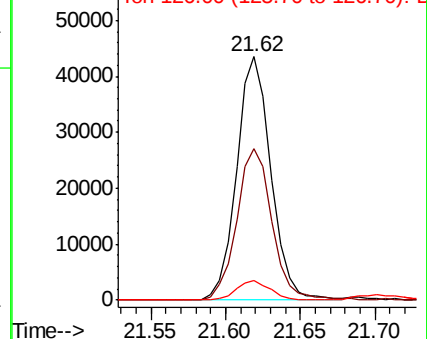
252 100

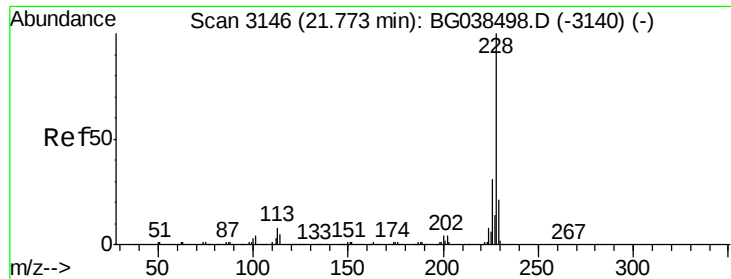
254 62.4 50.9 76.3

126 8.0 6.3 9.5



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: 40.597 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115875BSD

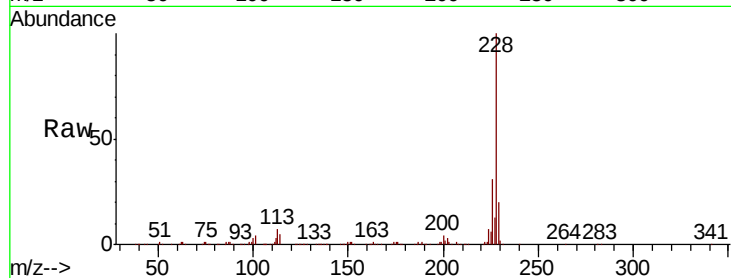
Tgt Ion: 228 Resp: 414586

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.4

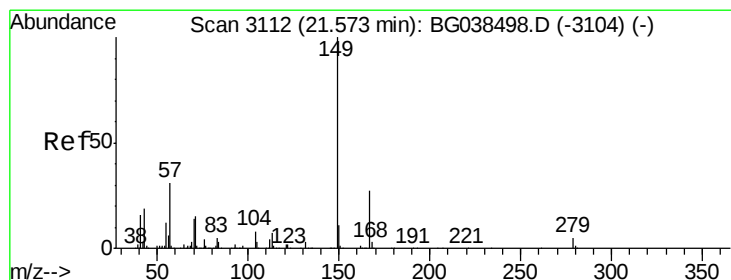
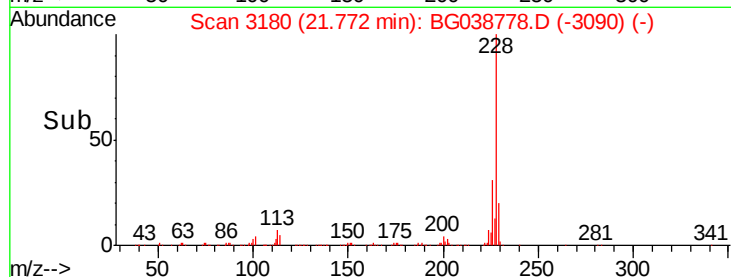
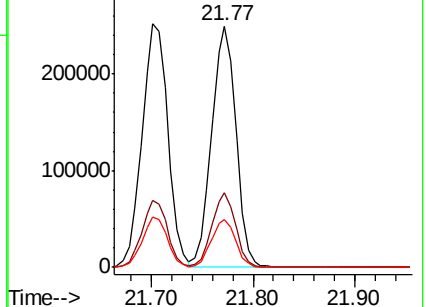
229 19.6 16.5 24.7



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: 37.455 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

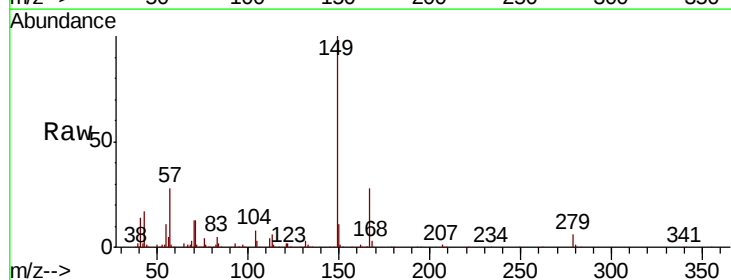
Tgt Ion: 149 Resp: 238558

Ion Ratio Lower Upper

149 100

167 27.8 21.9 32.9

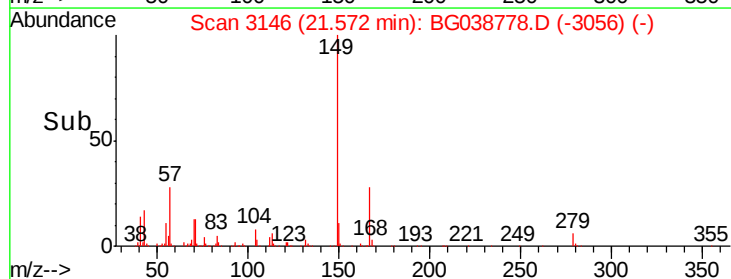
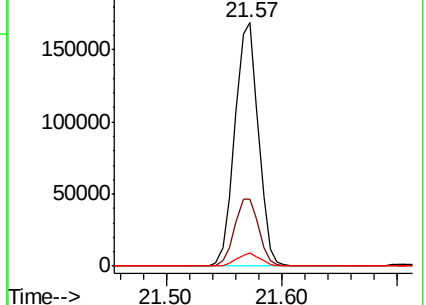
279 5.6 4.2 6.2

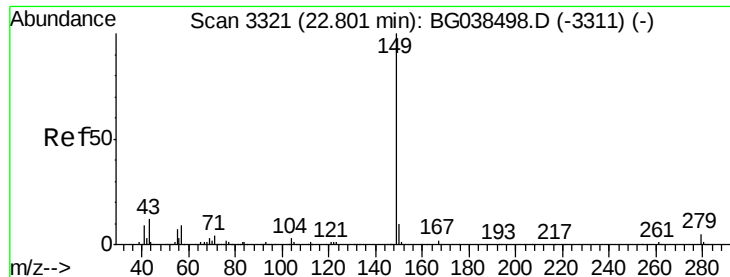


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

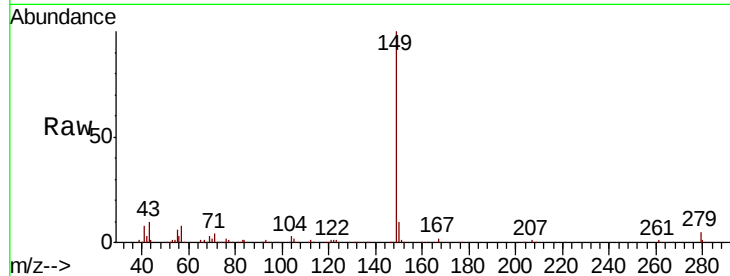




#85
Di-n-octyl phthalate
Concen: 38.090 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

Instrument :
BNA_G
ClientSampleId :
PB115875BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.1	9.3	13.9

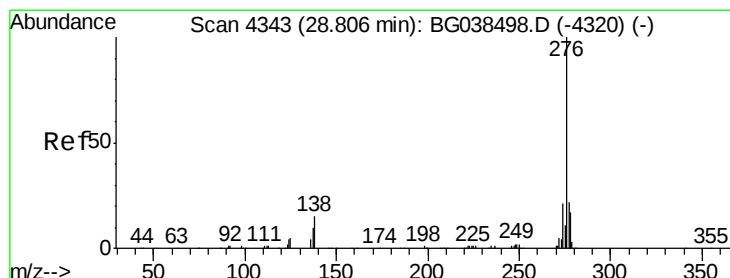
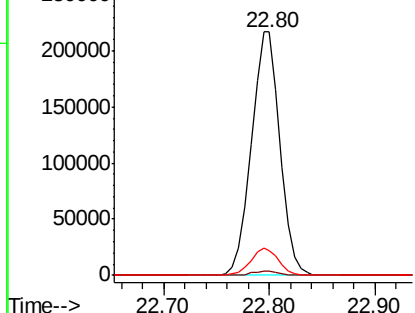
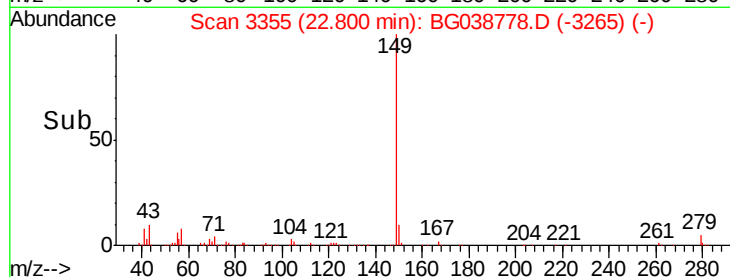


Abundance

Ion 149.00 (148.70 to 149.70): E

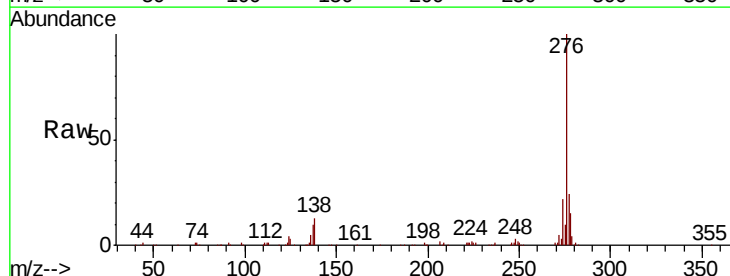
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.195 ng
RT: 28.80 min Scan# 4377
Delta R.T. -0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.7	14.4	21.6#
277	25.2	0.0	0.0#

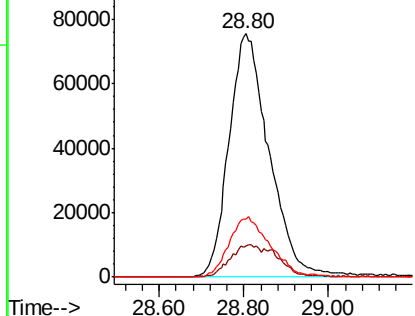
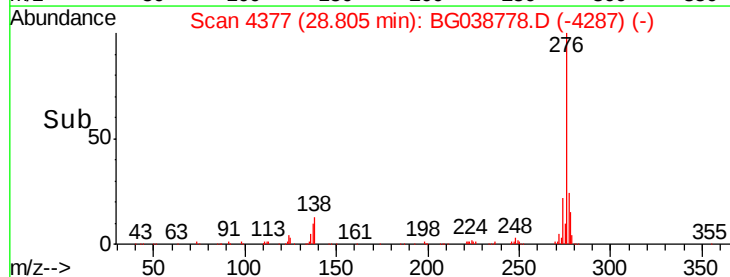


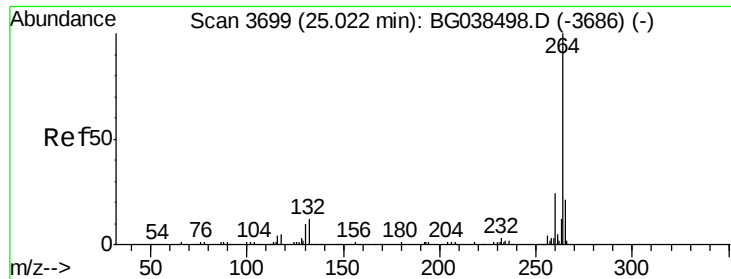
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

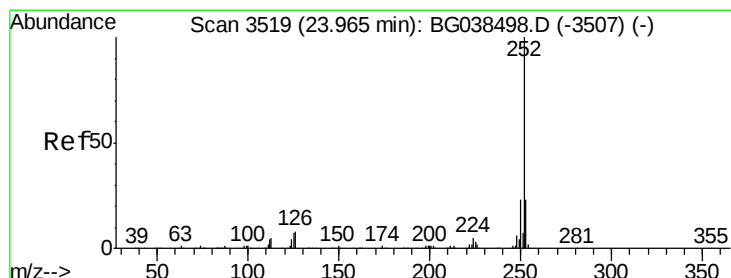
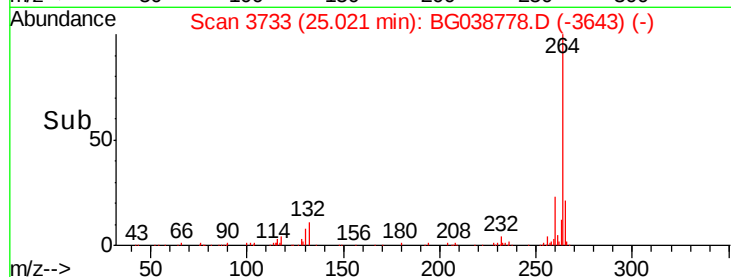
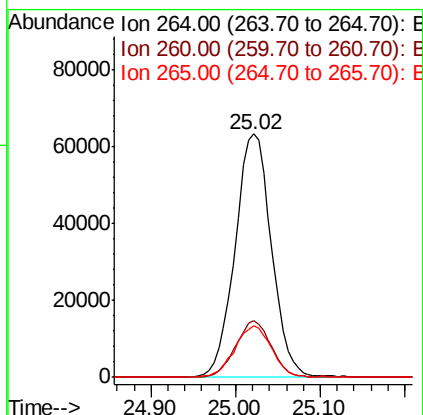
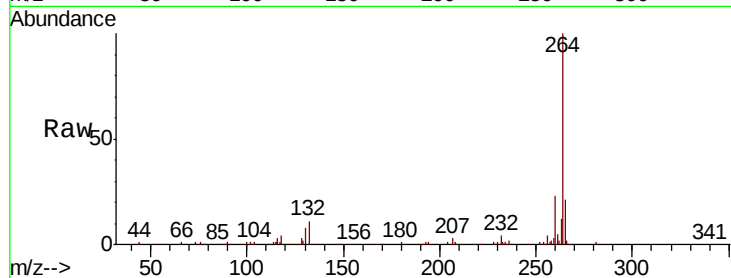




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

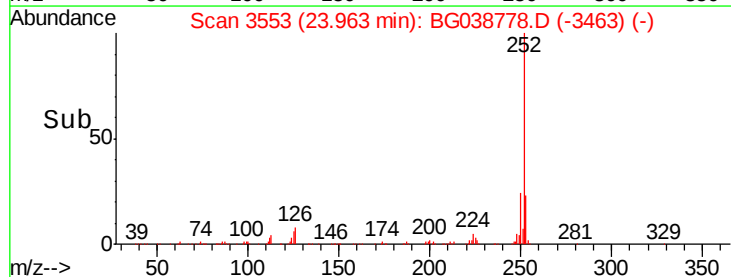
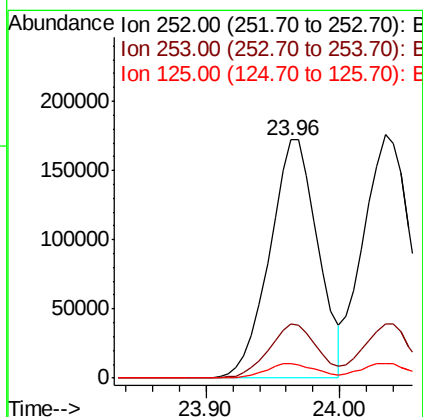
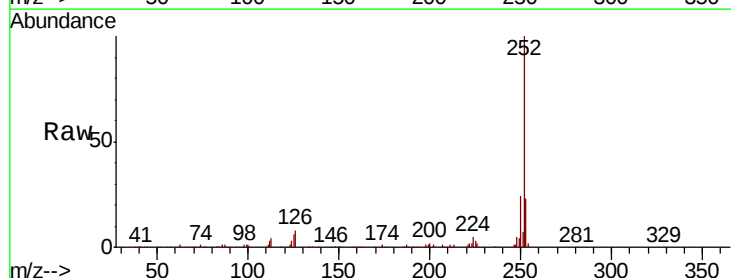
Instrument :
BNA_G
ClientSampleId :
PB115875BSD

Tgt Ion:264 Resp: 188883
Ion Ratio Lower Upper
264 100
260 23.4 18.9 28.3
265 21.1 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 41.699 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BG038778.D
Acq: 21 Dec 2018 1:28

Tgt Ion:252 Resp: 432442
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 6.3 5.5 8.3





#89

Benzo(k)fluoranthene

Concen: 42.009 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

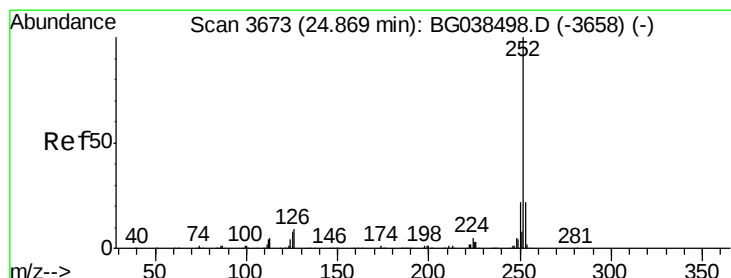
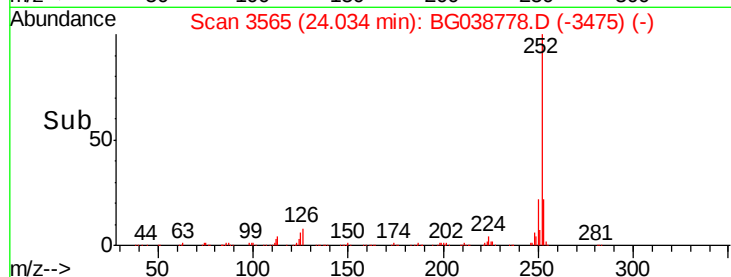
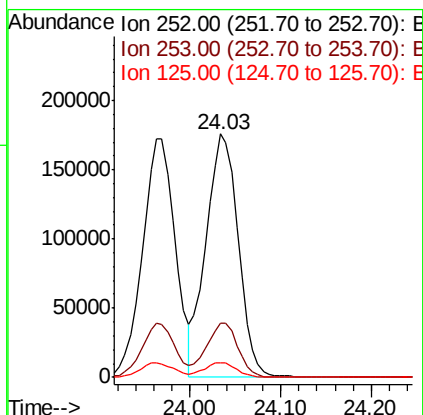
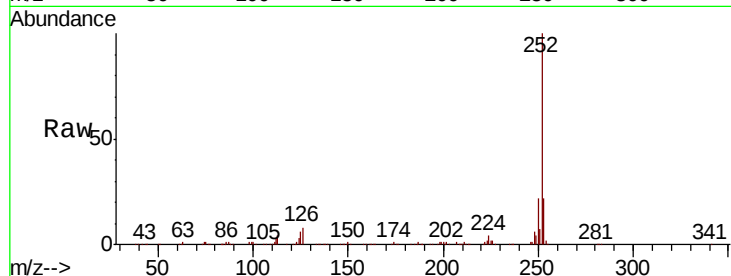
Instrument :

BNA_G

ClientSampleId :

PB115875BSD

Tgt Ion:	252	Resp:	433819
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.9	28.3
125	5.8	5.4	8.2



#90

Benzo(a)pyrene

Concen: 42.169 ng

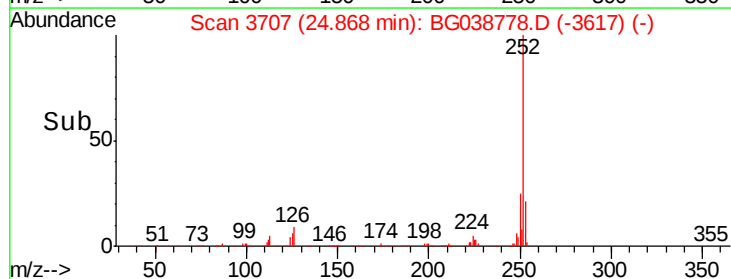
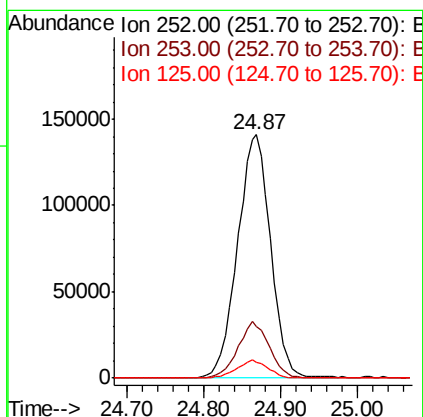
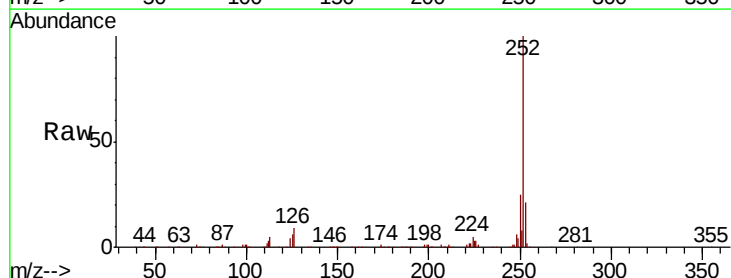
RT: 24.87 min Scan# 3707

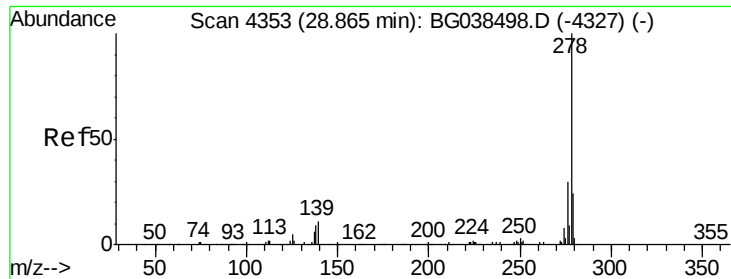
Delta R.T. -0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

Tgt Ion:	252	Resp:	421887
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.0
125	6.2	6.4	9.6#





#91

Dibenzo(a,h)anthracene

Concen: 41.632 ng

RT: 28.87 min Scan# 4388

Delta R.T. 0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115875BSD

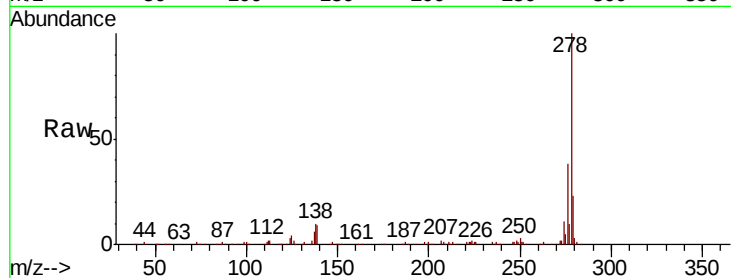
Tgt Ion:278 Resp: 414717

Ion Ratio Lower Upper

278 100

139 9.3 8.6 12.8

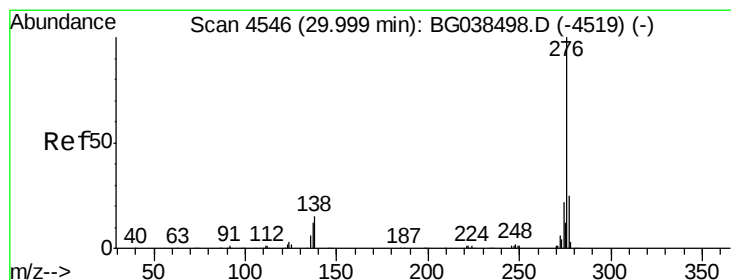
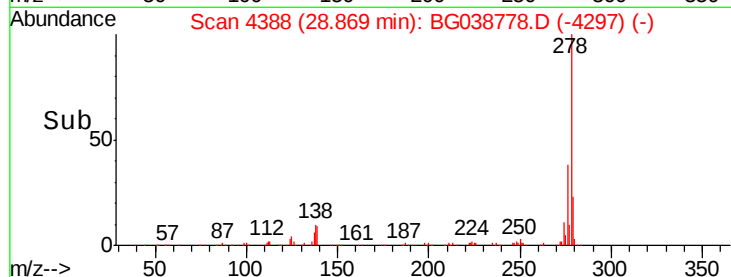
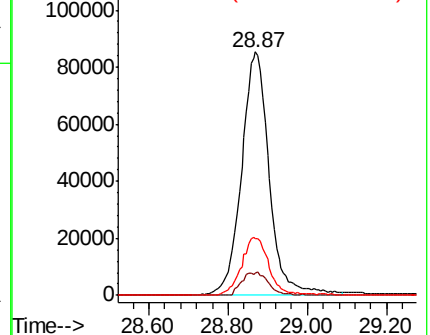
279 23.3 19.0 28.6



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: 41.317 ng

RT: 30.00 min Scan# 4581

Delta R.T. 0.00 min

Lab File: BG038778.D

Acq: 21 Dec 2018 1:28

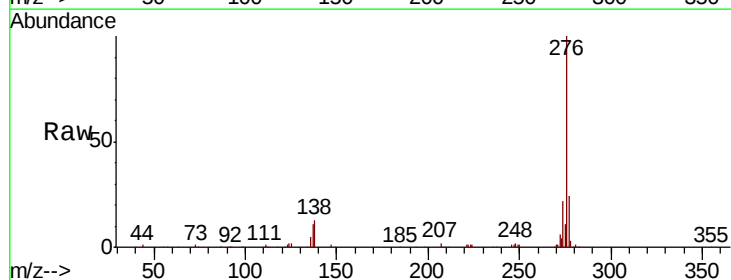
Tgt Ion:276 Resp: 405617

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.8

138 13.0 11.8 17.6



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

