

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122018\
 Data File : BG038777.D
 Acq On : 21 Dec 2018 00:48
 Operator : JU/SJ
 Sample : PB115875BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BS

Quant Time: Dec 21 04:09:11 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	24619	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	95240	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	63953	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	156011	20.00	ng	0.00
76) Chrysene-d12	21.72	240	131044	20.00	ng	0.00
87) Perylene-d12	25.02	264	158590	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	97894	70.53	ng	0.00
7) Phenol-d6	7.22	99	135352	71.03	ng	0.00
23) Nitrobenzene-d5	9.24	82	117860	63.22	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	63505	72.05	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	306096	65.66	ng	0.00
79) Terphenyl-d14	20.04	244	445080	73.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	14817	22.936	ng	# 92
3) Pyridine	3.90	79	43055	24.207	ng	99
4) n-Nitrosodimethylamine	3.82	42	25539	29.305	ng	# 93
6) Aniline	7.39	93	25577	10.515	ng	95
8) 2-Chlorophenol	7.62	128	53248	33.150	ng	97
9) Benzaldehyde	7.20	77	39894	32.273	ng	91
10) Phenol	7.24	94	66849	33.021	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	44268	27.466	ng	92
12) 1,3-Dichlorobenzene	7.94	146	55108	29.016	ng	96
13) 1,4-Dichlorobenzene	8.09	146	56914	29.260	ng	99
14) 1,2-Dichlorobenzene	8.41	146	53671	29.268	ng	98
15) Benzyl Alcohol	8.30	79	46740	31.426	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	92075	24.938	ng	96
17) 2-Methylphenol	8.50	107	46552	34.322	ng	98
18) Hexachloroethane	9.14	117	20120	28.307	ng	97
19) n-Nitroso-di-n-propylamine	8.86	70	36179	27.033	ng	98
20) 3+4-Methylphenols	8.83	107	61266	32.707	ng	96
22) Acetophenone	8.89	105	72924	30.655	ng	# 98
24) Nitrobenzene	9.28	77	58438	30.986	ng	99
25) Isophorone	9.79	82	101464	30.292	ng	98
26) 2-Nitrophenol	9.99	139	30768	31.875	ng	91
27) 2,4-Dimethylphenol	10.04	122	53254	38.496	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	58845	31.131	ng	99
29) 2,4-Dichlorophenol	10.52	162	57019	37.050	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	61630	33.153	ng	98
31) Naphthalene	10.92	128	164053	34.960	ng	99
32) Benzoic acid	10.18	122	19445	27.608	ng	91
33) 4-Chloroaniline	11.05	127	18340	9.002	ng	98
34) Hexachlorobutadiene	11.19	225	40046	31.837	ng	92
35) Caprolactam	11.82	113	18082	28.391	ng	# 89
36) 4-Chloro-3-methylphenol	12.15	107	58099	33.081	ng	95
37) 2-Methylnaphthalene	12.53	142	122103	36.473	ng	98
38) 1-Methylnaphthalene	12.74	142	114615	35.282	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	74881	31.324	ng	99

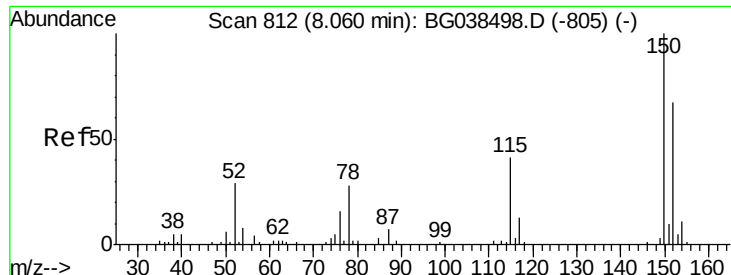
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122018\
 Data File : BG038777.D
 Acq On : 21 Dec 2018 00:48
 Operator : JU/SJ
 Sample : PB115875BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	73414	55.898	ng	93
43) 2,4,6-Trichlorophenol	13.13	196	49606	33.749	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	55140	35.432	ng	96
46) 1,1'-Biphenyl	13.53	154	162877	30.380	ng	98
47) 2-Chloronaphthalene	13.58	162	131122	31.662	ng	98
48) 2-Nitroaniline	13.79	65	39032	29.589	ng	96
49) Acenaphthylene	14.42	152	211234	34.119	ng	100
50) Dimethylphthalate	14.14	163	163407	31.288	ng	98
51) 2,6-Dinitrotoluene	14.28	165	37048	31.303	ng	93
52) Acenaphthene	14.76	154	120643	32.588	ng	95
53) 3-Nitroaniline	14.61	138	18080	14.986	ng	90
54) 2,4-Dinitrophenol	14.82	184	20760	32.752	ng	97
55) Dibenzofuran	15.09	168	207956	32.770	ng	96
56) 4-Nitrophenol	14.91	139	48793	53.311	ng	95
57) 2,4-Dinitrotoluene	15.07	165	52614	31.563	ng	95
58) Fluorene	15.74	166	165326	35.164	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	48813	34.863	ng	95
60) Diethylphthalate	15.49	149	169675	29.595	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	93190	31.768	ng	96
62) 4-Nitroaniline	15.78	138	38873	31.297	ng	93
63) Azobenzene	16.02	77	143494	29.960	ng	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	23869	21.447	ng	88
66) n-Nitrosodiphenylamine	15.95	169	149610	32.638	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	60420	31.711	ng	95
68) Hexachlorobenzene	16.74	284	64387	32.599	ng	97
69) Atrazine	16.89	200	60342	35.471	ng	95
70) Pentachlorophenol	17.09	266	54768	46.881	ng	91
71) Phenanthrene	17.49	178	278061	34.370	ng	100
72) Anthracene	17.57	178	284273	35.593	ng	99
73) Carbazole	17.85	167	248099	31.410	ng	99
74) Di-n-butylphthalate	18.38	149	283743	31.307	ng	99
75) Fluoranthene	19.50	202	317277	31.697	ng	96
77) Benzidine	19.68	184	113753	29.352	ng	97
78) Pyrene	19.86	202	319745	36.934	ng	97
80) Butylbenzylphthalate	20.72	149	108276	32.013	ng	100
81) Benzo(a)anthracene	21.70	228	271386	33.986	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	49642	15.675	ng	97
83) Chrysene	21.77	228	261681	34.023	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	138294	28.830	ng	# 97
85) Di-n-octyl phthalate	22.80	149	247561	30.815	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	356906	39.471	ng	# 94
88) Benzo(b)fluoranthene	23.96	252	293084	33.660	ng	98
89) Benzo(k)fluoranthene	24.03	252	294394	33.953	ng	98
90) Benzo(a)pyrene	24.86	252	293610	34.953	ng	98
91) Dibenzo(a,h)anthracene	28.86	278	291568	34.860	ng	97
92) Benzo(g,h,i)perylene	29.98	276	295459	35.845	ng	97

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

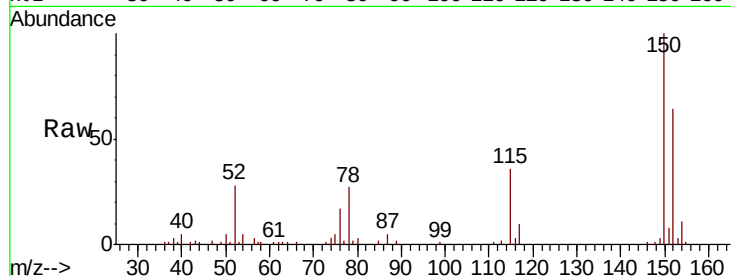


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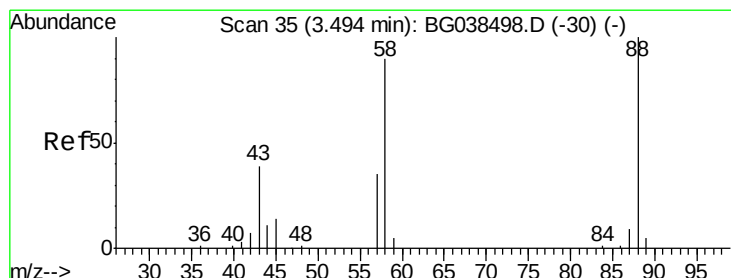
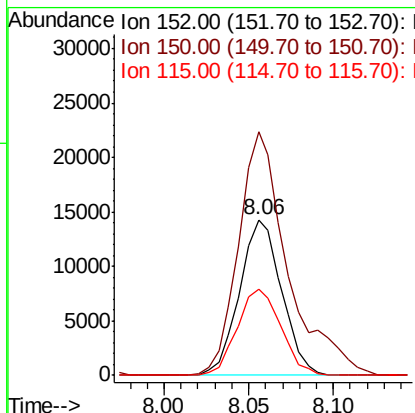
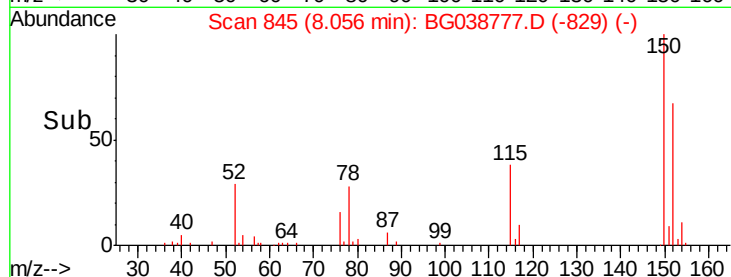
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Instrument :
BNA_G
ClientSampleId :
PB115875BS

Tgt Ion:152 Resp: 24619
Ion Ratio Lower Upper
152 100
150 156.4 119.5 179.3
115 55.7 49.6 74.4



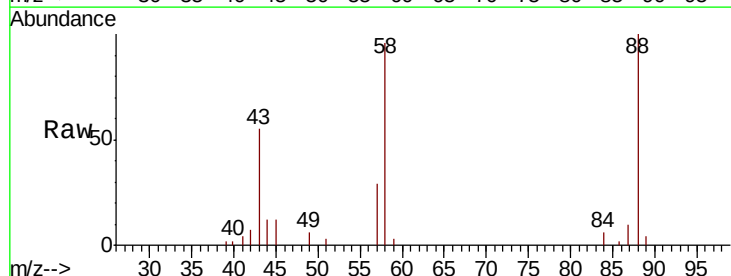
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



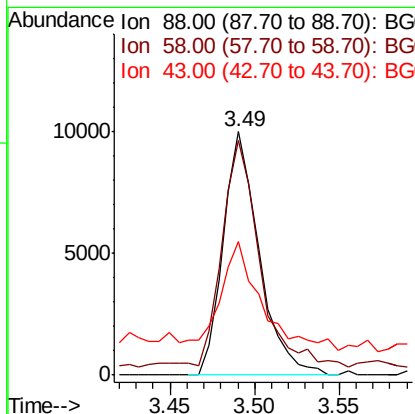
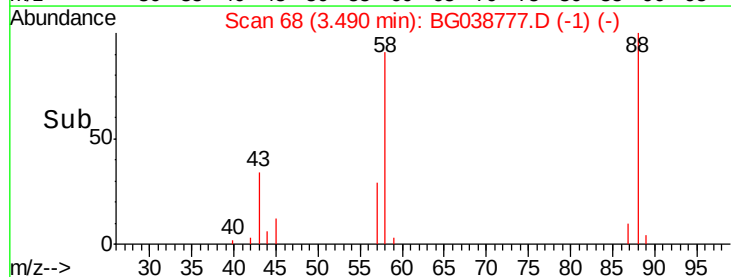
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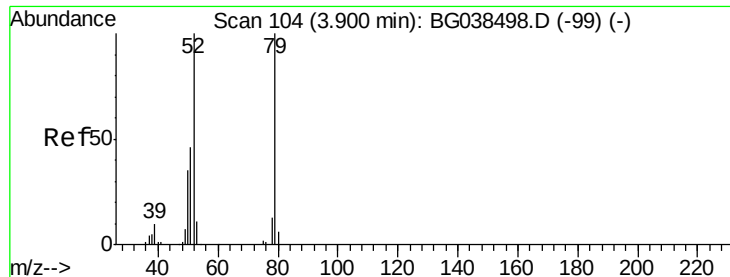
1,4-Dioxane
Concen: 22.936 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Tgt Ion: 88 Resp: 14817
Ion Ratio Lower Upper
88 100
58 97.9 75.7 113.5
43 50.7 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

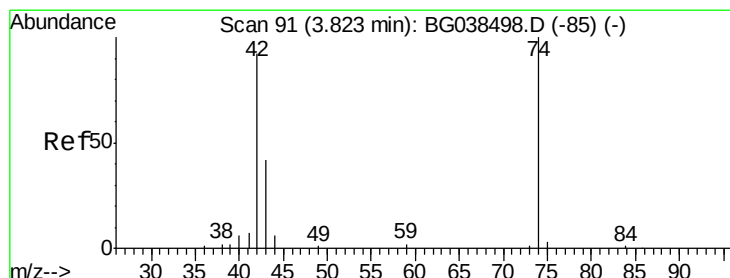
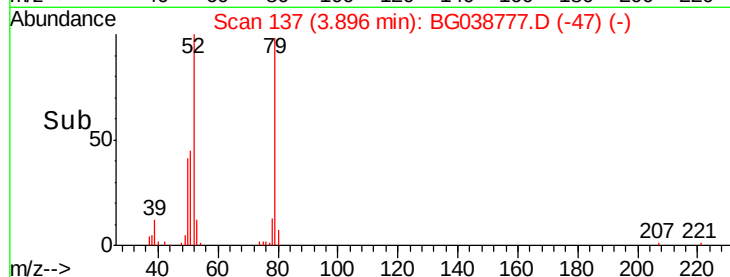
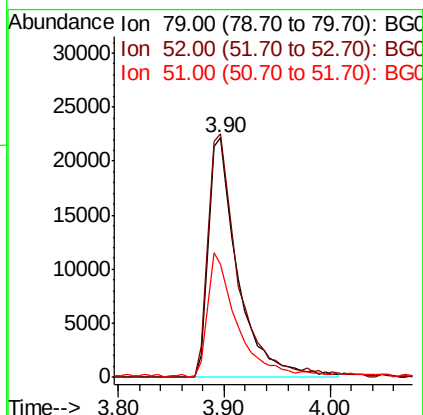
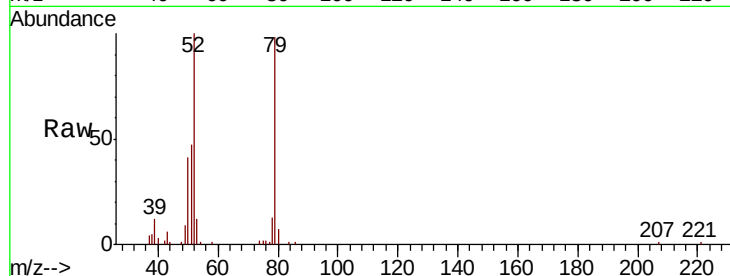




#3
 Pyridine
 Concen: 24.207 ng
 RT: 3.90 min Scan# 137
 Delta R.T. -0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

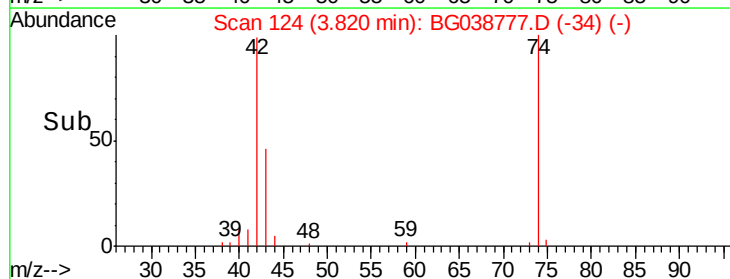
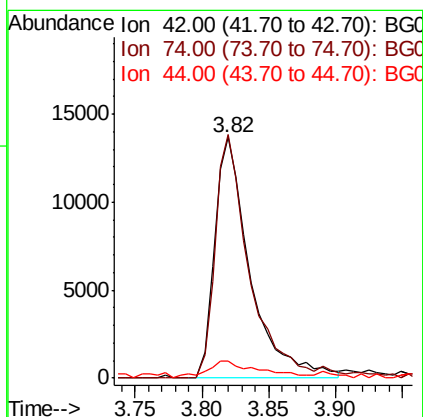
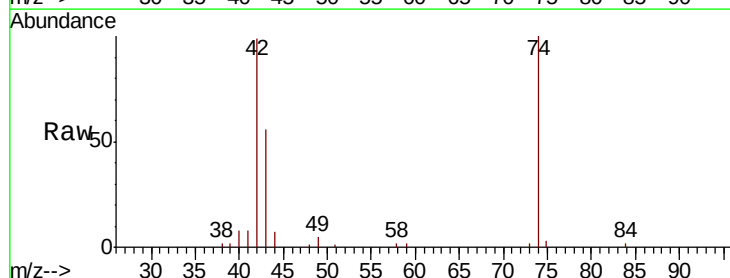
Instrument :
 BNA_G
 ClientSampleId :
 PB115875BS

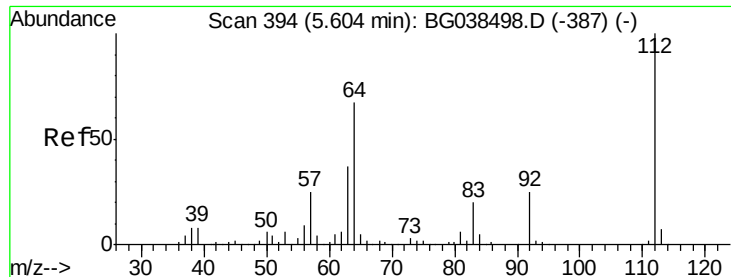
Tgt Ion: 79 Resp: 43055
 Ion Ratio Lower Upper
 79 100
 52 101.6 80.2 120.2
 51 47.3 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 29.305 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Tgt Ion: 42 Resp: 25539
 Ion Ratio Lower Upper
 42 100
 74 101.1 86.7 130.1
 44 7.1 7.8 11.8#





#5

2-Fluorophenol

Concen: 70.527 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

Instrument :

BNA_G

ClientSampleId :

PB115875BS

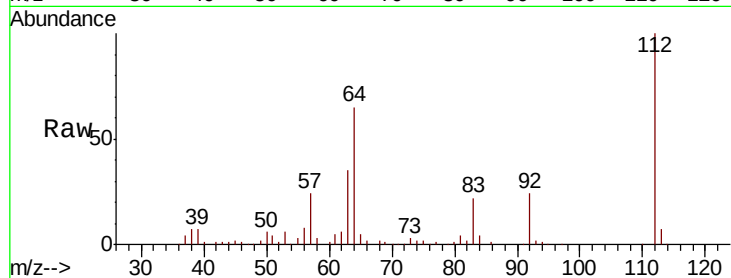
Tgt Ion: 112 Resp: 97894

Ion Ratio Lower Upper

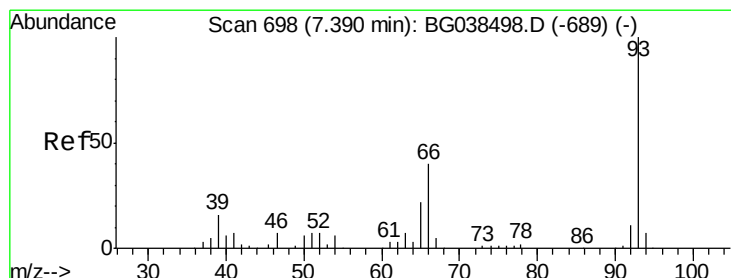
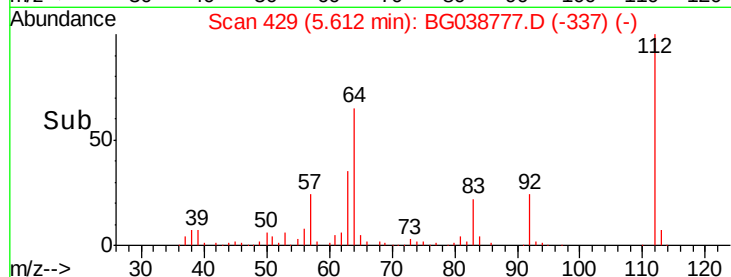
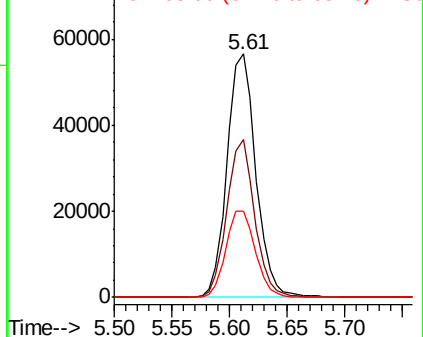
112 100

64 65.0 53.4 80.2

63 35.4 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: 10.515 ng

RT: 7.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

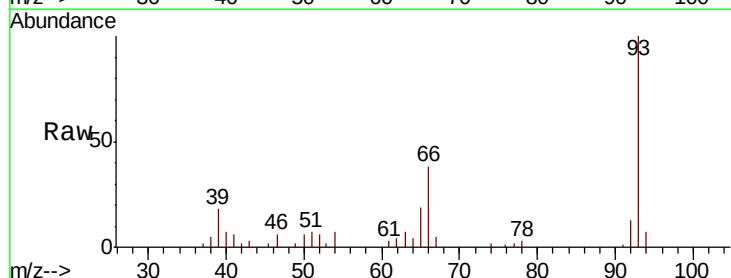
Tgt Ion: 93 Resp: 25577

Ion Ratio Lower Upper

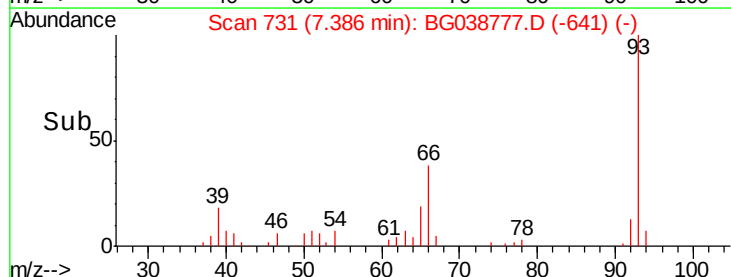
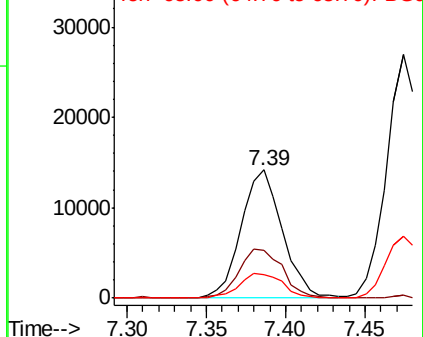
93 100

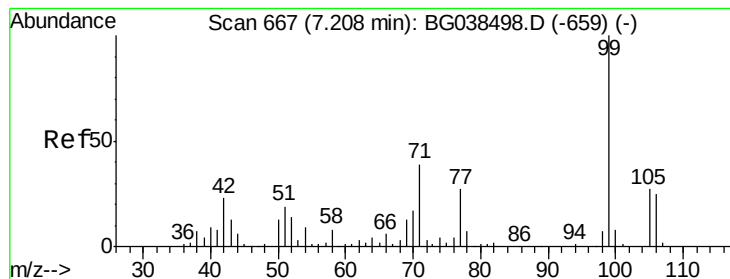
66 37.7 31.7 47.5

65 18.6 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: 71.032 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

Instrument :

BNA_G

ClientSampleId :

PB115875BS

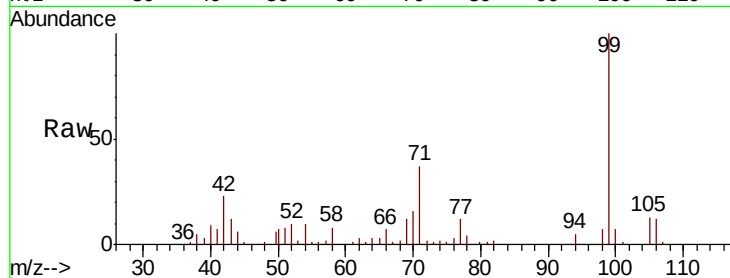
Tgt Ion: 99 Resp: 135352

Ion Ratio Lower Upper

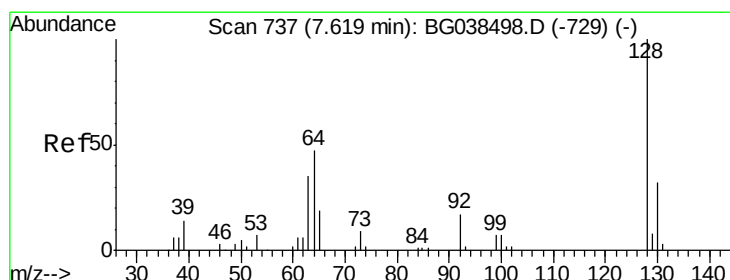
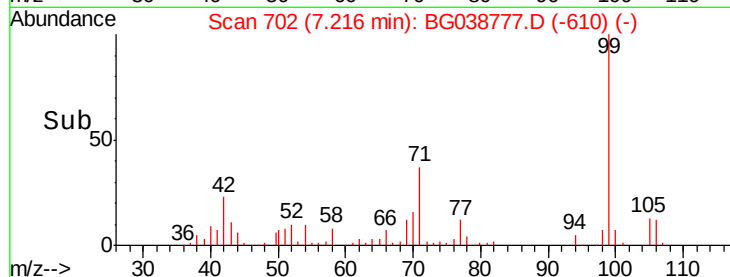
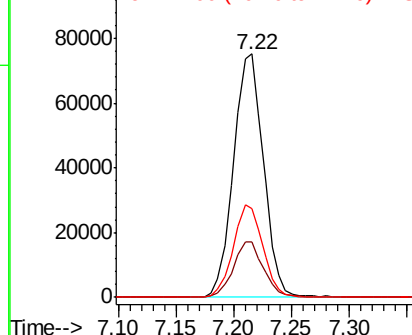
99 100

42 22.7 18.5 27.7

71 36.6 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: 33.150 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

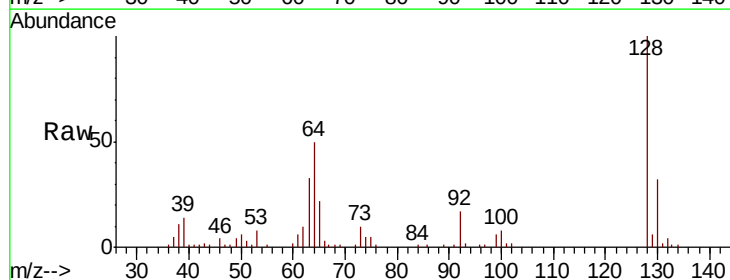
Tgt Ion: 128 Resp: 53248

Ion Ratio Lower Upper

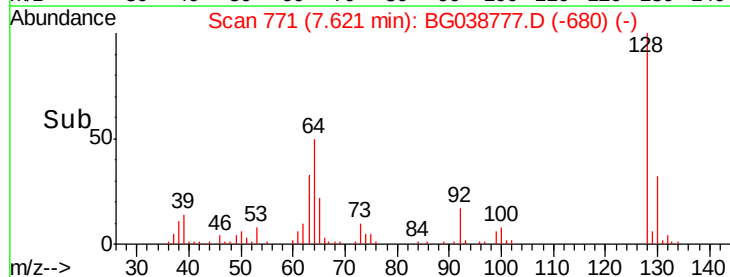
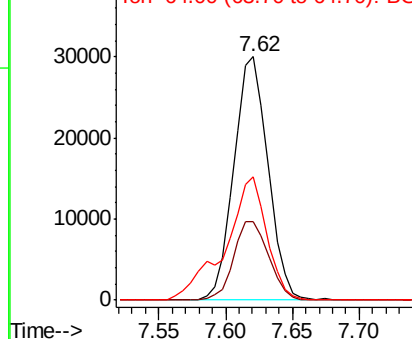
128 100

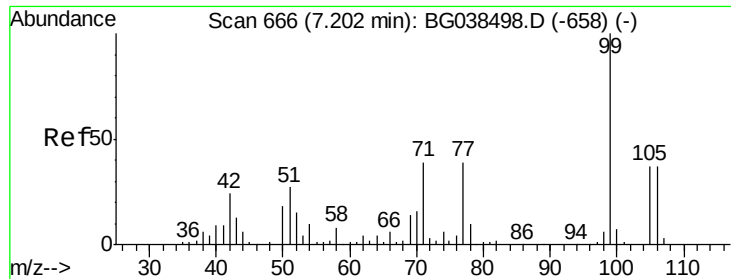
130 32.1 11.8 51.8

64 50.5 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: 32.273 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

Instrument :

BNA_G

ClientSampleId :

PB115875BS

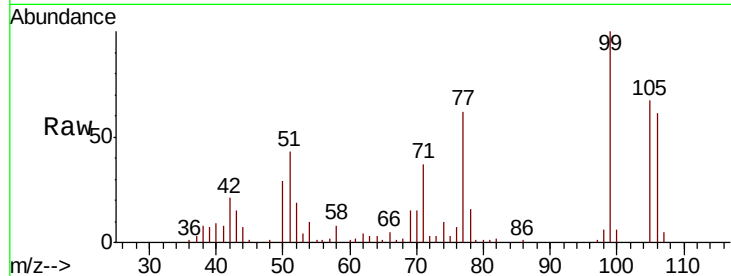
Tgt Ion: 77 Resp: 39894

Ion Ratio Lower Upper

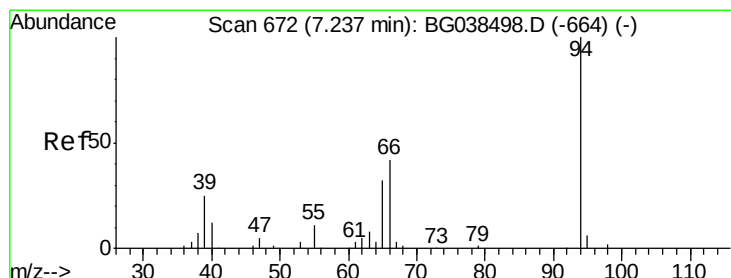
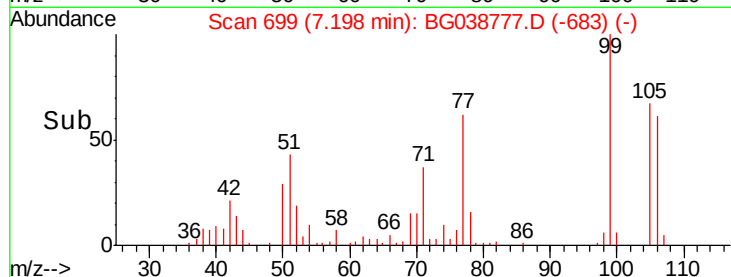
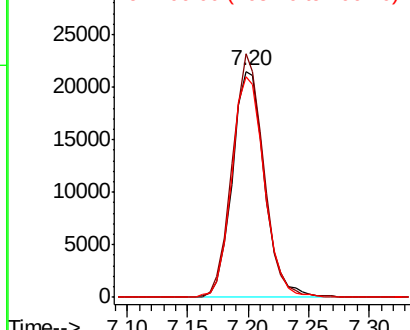
77 100

105 107.6 74.0 114.0

106 97.7 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: 33.021 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

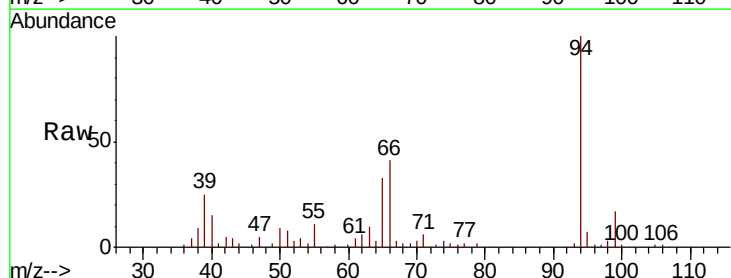
Tgt Ion: 94 Resp: 66849

Ion Ratio Lower Upper

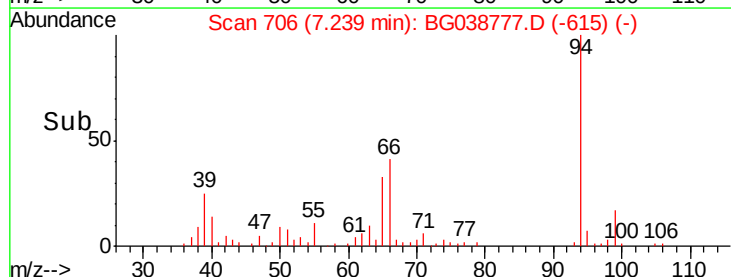
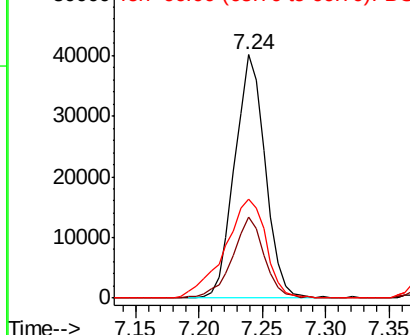
94 100

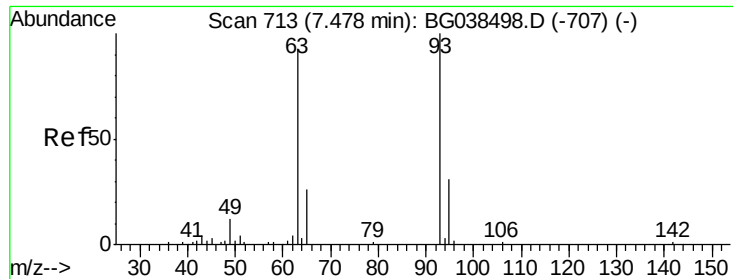
65 33.2 12.6 52.6

66 40.8 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: 27.466 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

Instrument :

BNA_G

ClientSampleId :

PB115875BS

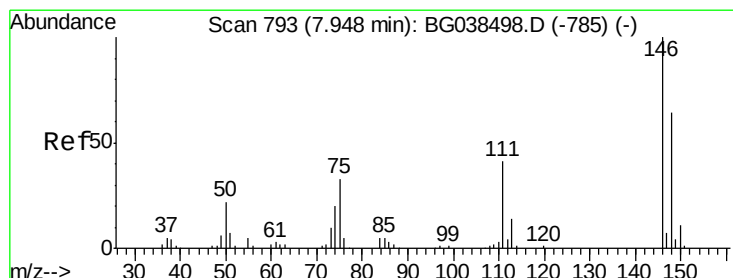
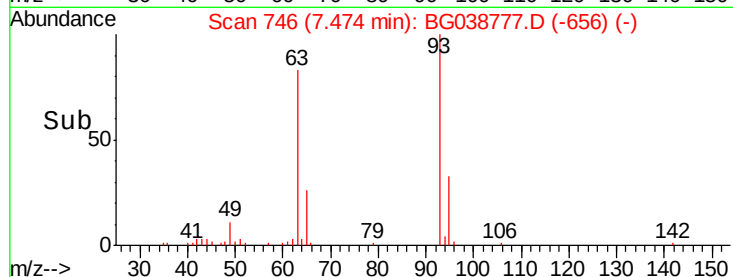
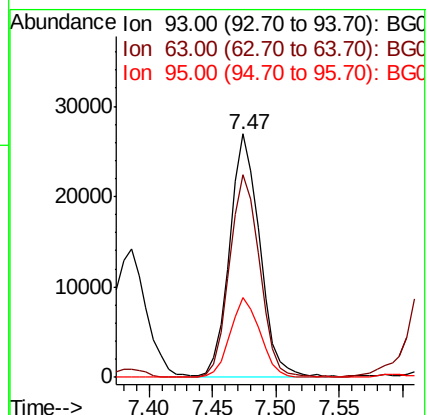
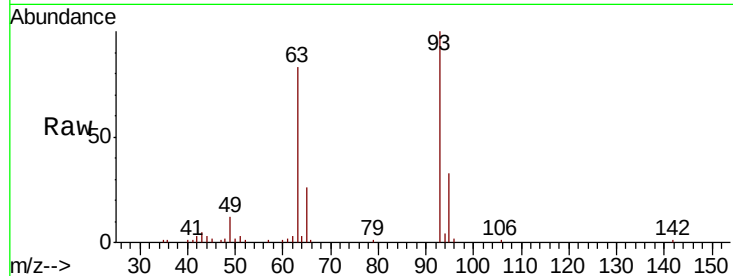
Tgt Ion: 93 Resp: 44268

Ion Ratio Lower Upper

93 100

63 83.0 72.2 112.2

95 32.9 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 29.016 ng

RT: 7.94 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

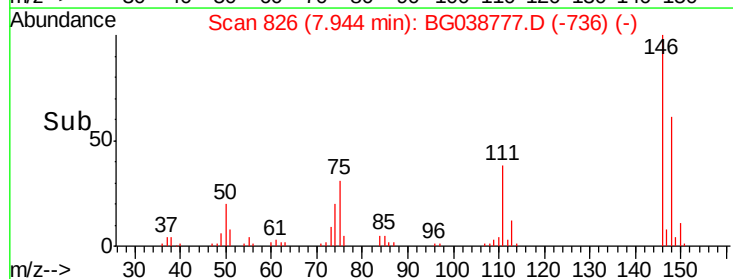
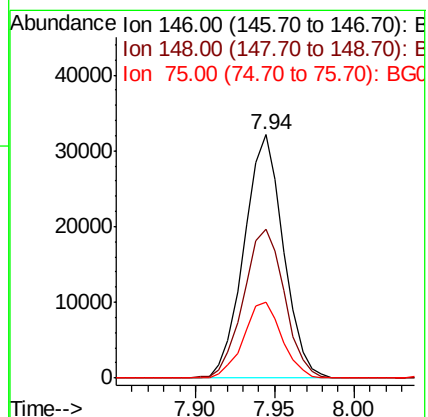
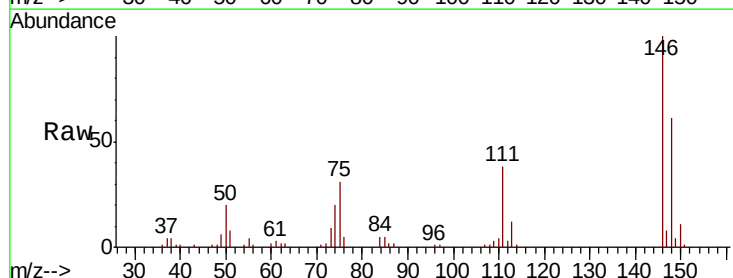
Tgt Ion: 146 Resp: 55108

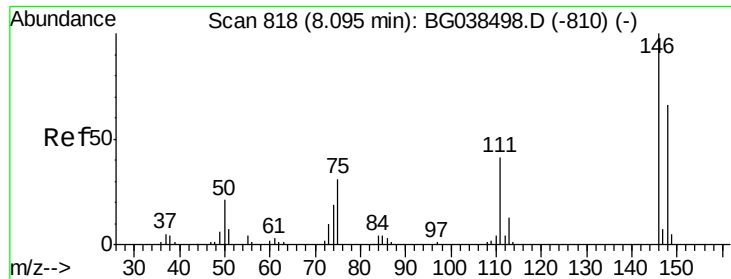
Ion Ratio Lower Upper

146 100

148 61.2 51.4 77.0

75 31.0 26.1 39.1

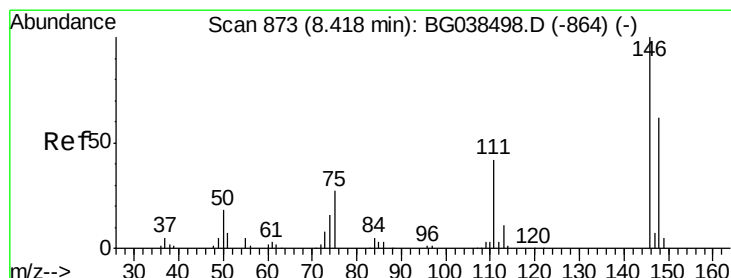
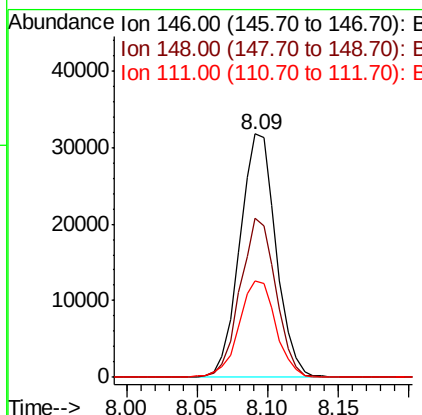
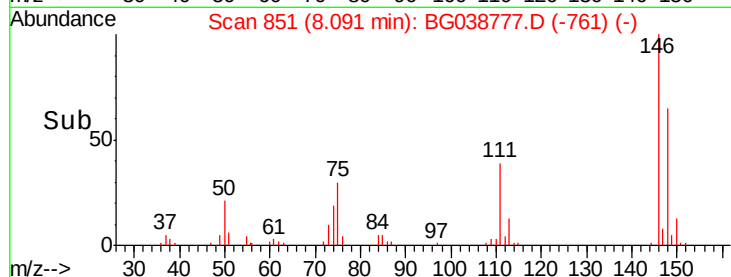
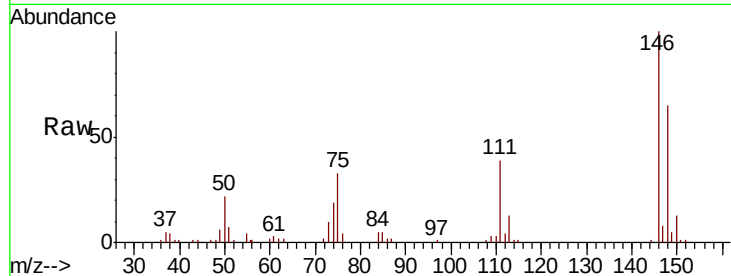




#13
 1,4-Dichlorobenzene
 Concen: 29.260 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

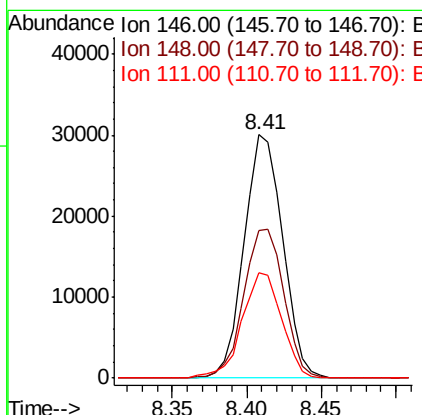
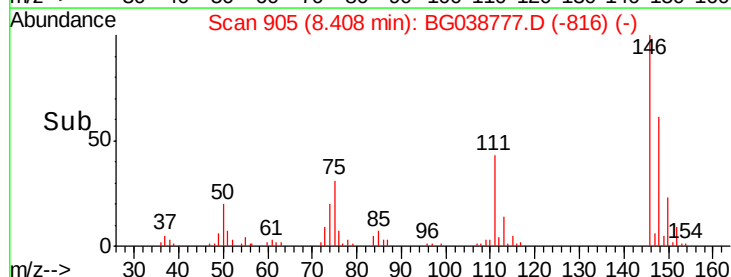
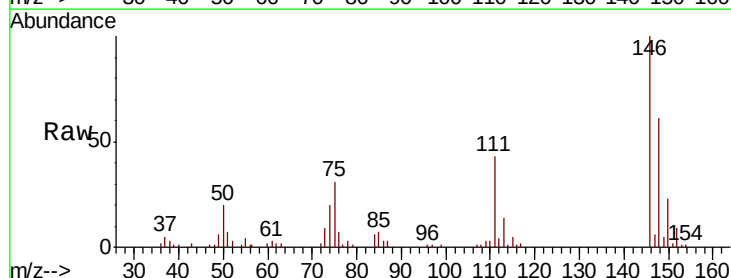
Instrument :
 BNA_G
 ClientSampleId :
 PB115875BS

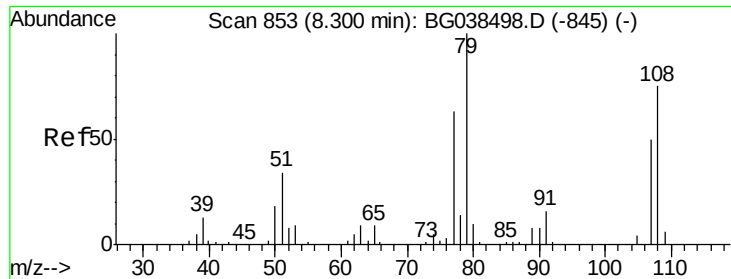
Tgt Ion:146 Resp: 56914
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.4 78.6
 111 39.4 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 29.268 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Tgt Ion:146 Resp: 53671
 Ion Ratio Lower Upper
 146 100
 148 60.6 49.4 74.0
 111 43.2 33.8 50.6





#15

Benzyl Alcohol

Concen: 31.426 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

Instrument :

BNA_G

ClientSampleId :

PB115875BS

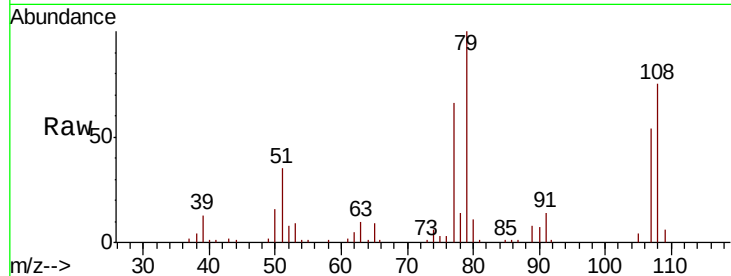
Tgt Ion: 79 Resp: 46740

Ion Ratio Lower Upper

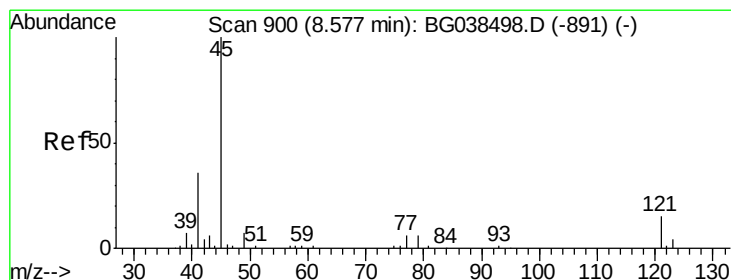
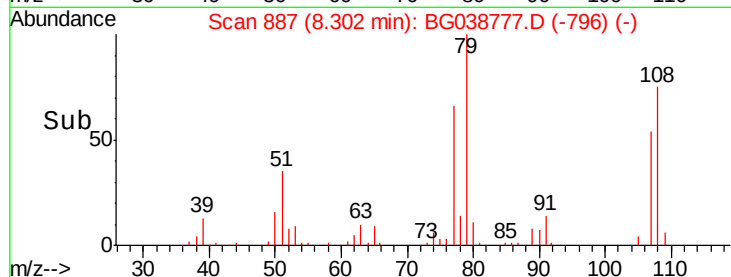
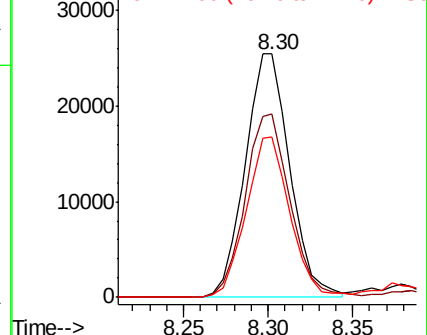
79 100

108 75.4 60.2 90.4

77 65.7 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: 24.938 ng

RT: 8.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

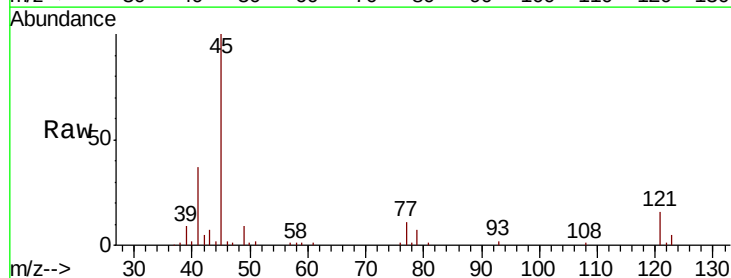
Tgt Ion: 45 Resp: 92075

Ion Ratio Lower Upper

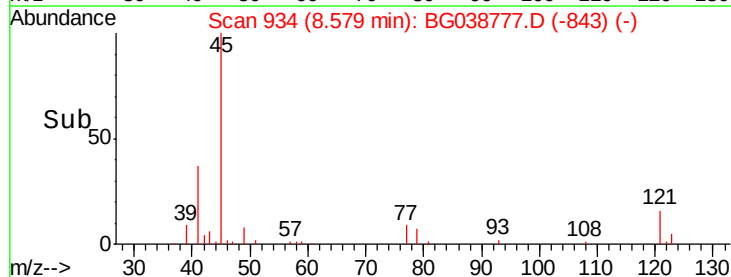
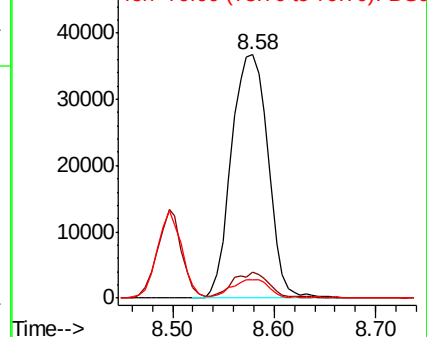
45 100

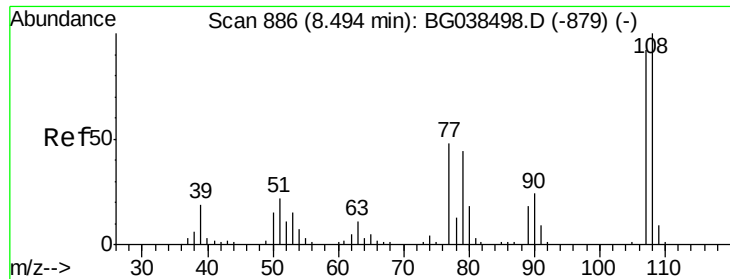
77 10.5 0.0 28.2

79 7.4 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

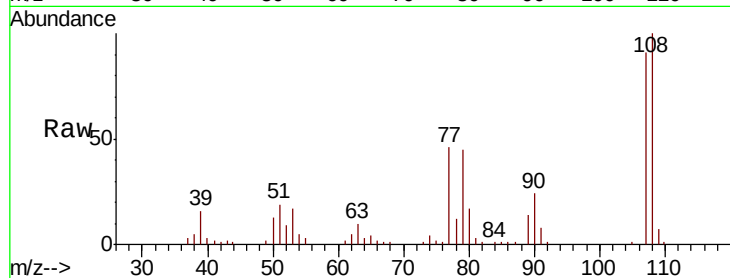




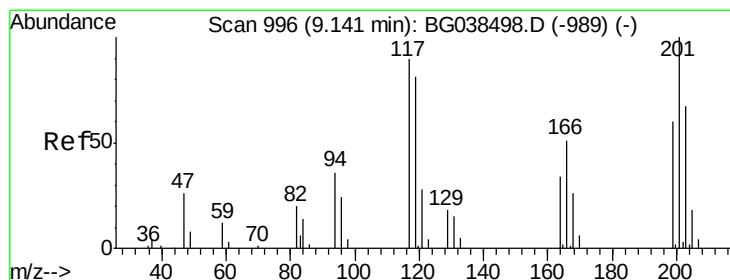
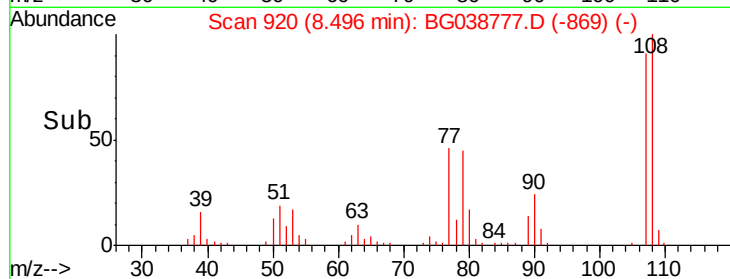
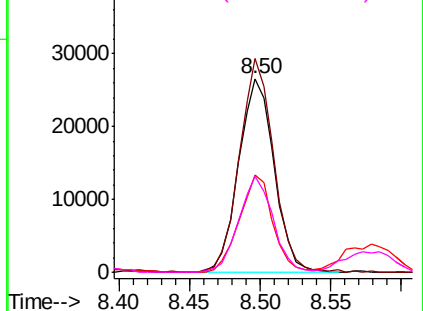
#17
2-Methylphenol
Concen: 34.322 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Instrument :
BNA_G
ClientSampleId :
PB115875BS

Tgt Ion:107 Resp: 46552
Ion Ratio Lower Upper
107 100
108 110.3 87.1 130.7
77 50.4 42.0 63.0
79 49.7 38.2 57.2

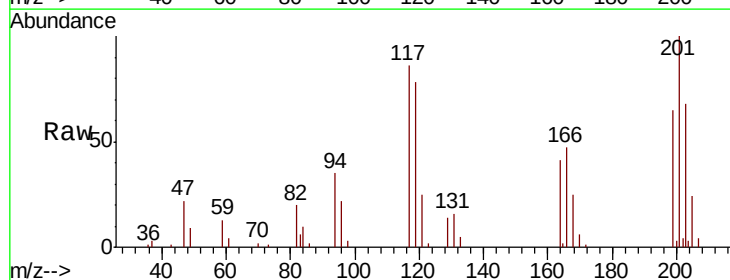


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

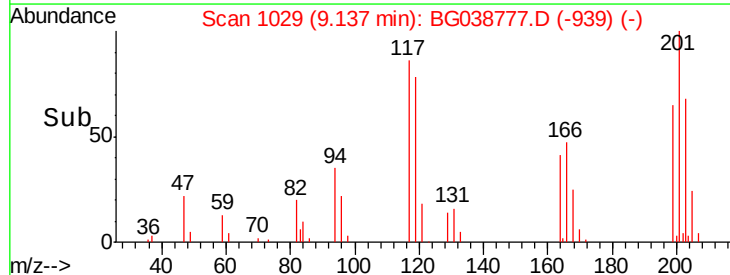
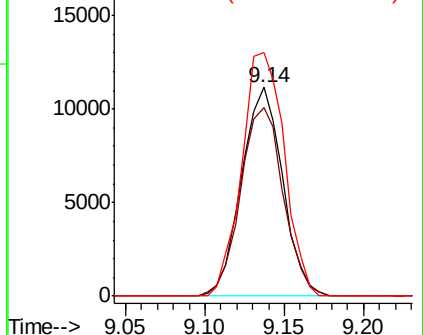


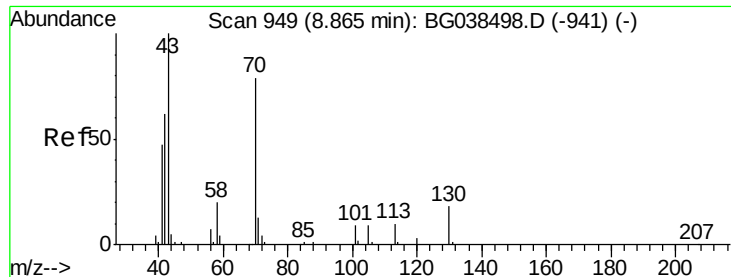
#18
Hexachloroethane
Concen: 28.307 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Tgt Ion:117 Resp: 20120
Ion Ratio Lower Upper
117 100
119 90.6 73.8 110.8
201 116.8 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

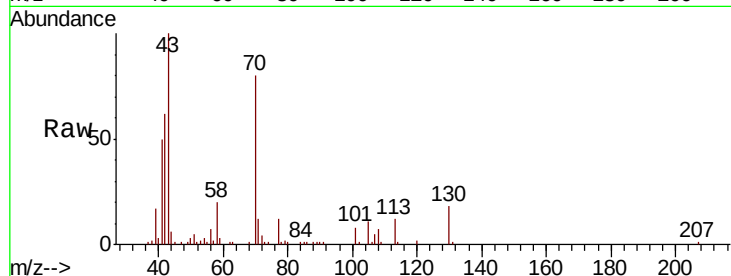




#19
n-Nitroso-di-n-propylamine
Concen: 27.033 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Instrument :
BNA_G
ClientSampleId :
PB115875BS

Tgt Ion:	70	Resp:	36179
Ion	Ratio	Lower	Upper
70	100		
42	77.8	63.6	95.4
101	10.3	9.2	13.8
130	23.0	18.5	27.7



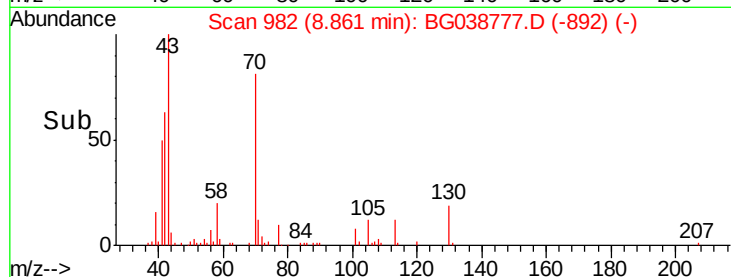
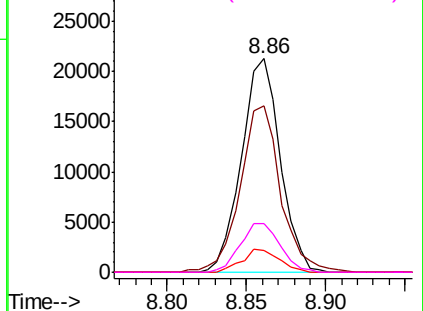
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 32.707 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Tgt Ion:	107	Resp:	61266
Ion	Ratio	Lower	Upper
107	100		
108	90.7	66.7	106.7
77	34.5	17.3	57.3
79	31.6	12.3	52.3

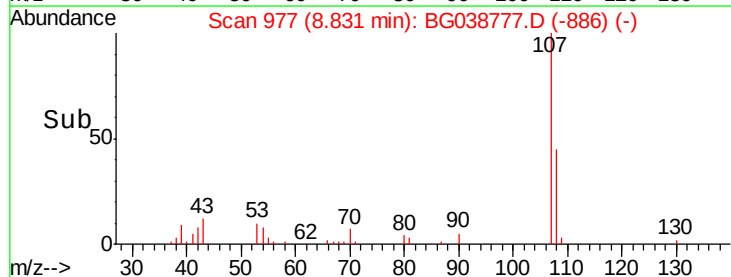
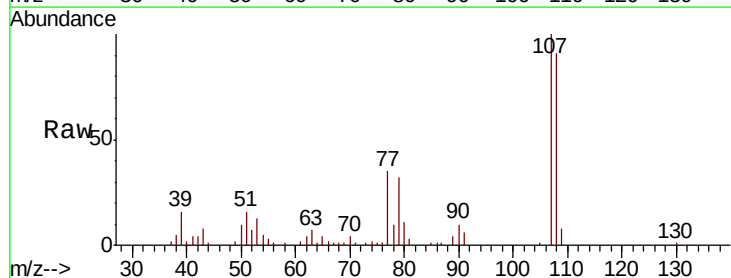
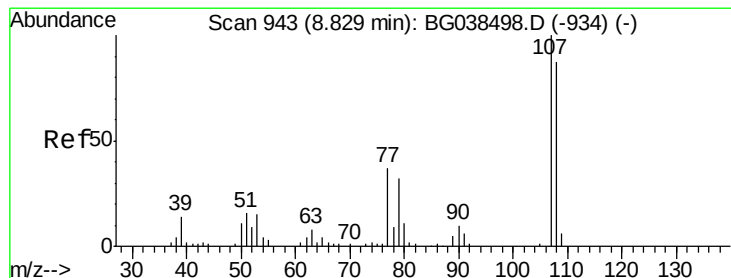
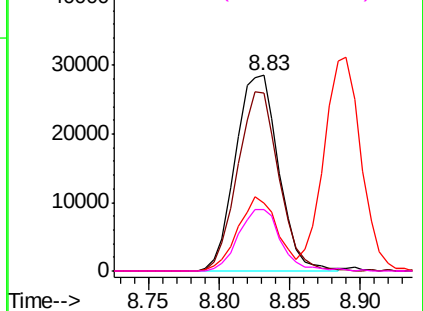
Abundance

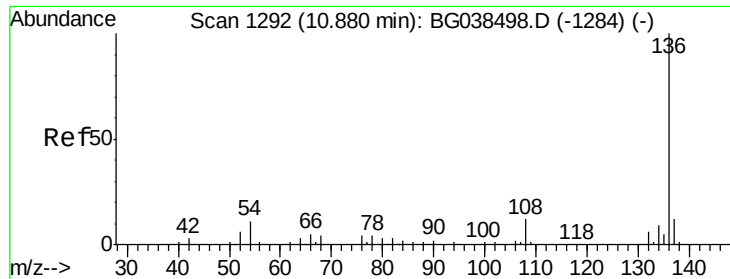
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

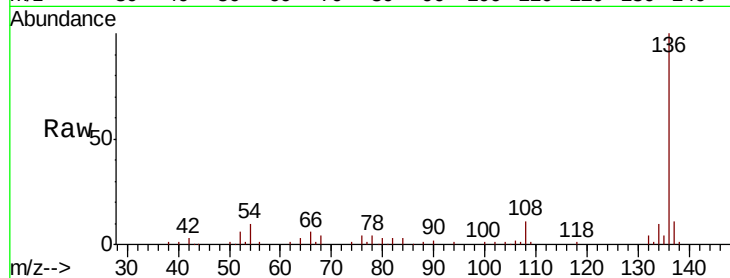




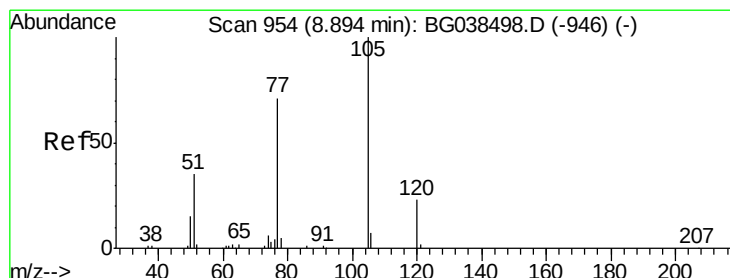
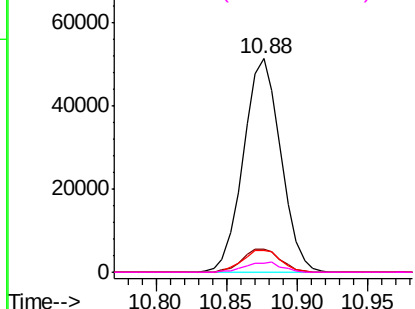
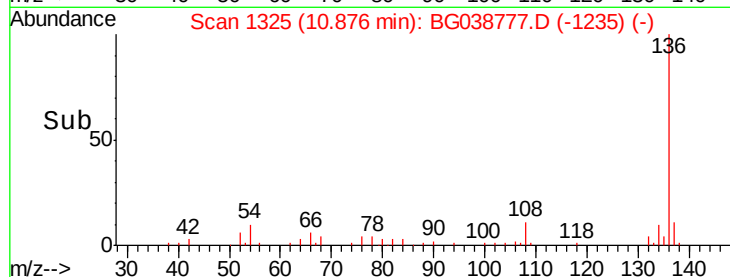
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Instrument :
BNA_G
ClientSampleId :
PB115875BS

Tgt Ion:	136	Resp:	95240
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.3	13.9
54	10.2	8.5	12.7
68	4.4	3.5	5.3

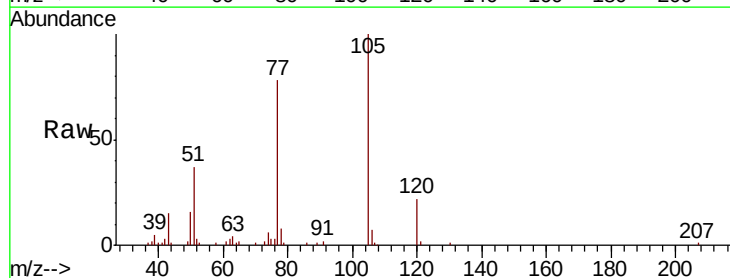


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

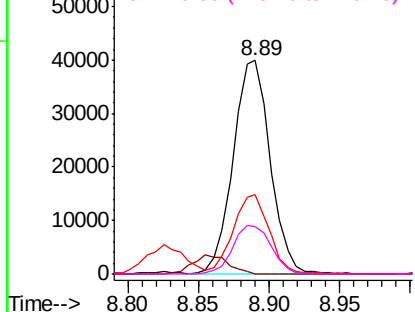
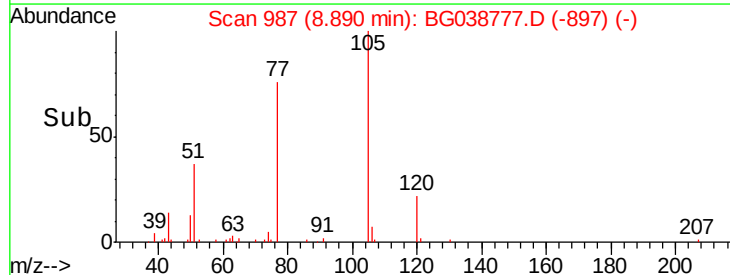


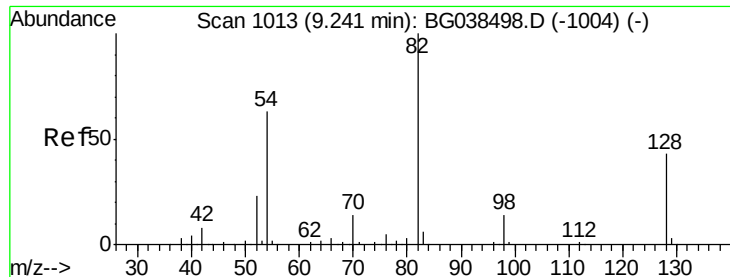
#22
Acetophenone
Concen: 30.655 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Tgt Ion:	105	Resp:	72924
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.4	0.6#
51	37.4	30.6	46.0
120	22.4	18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

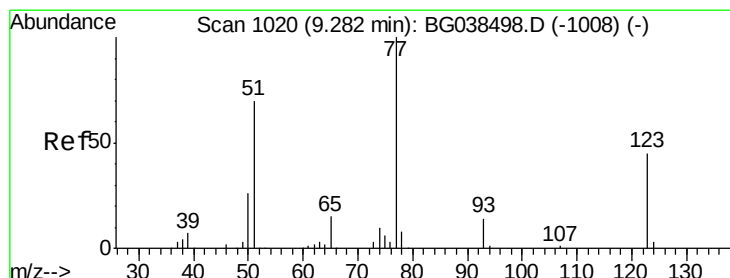
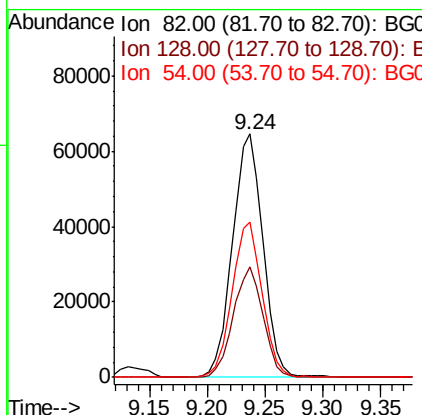
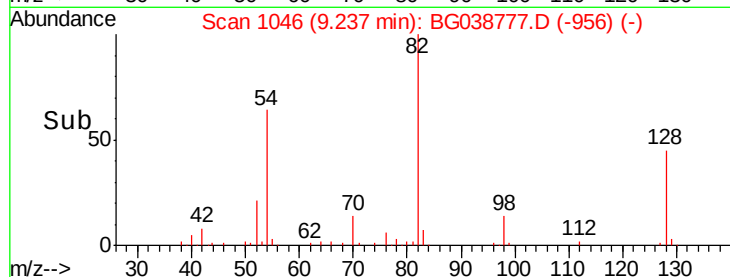
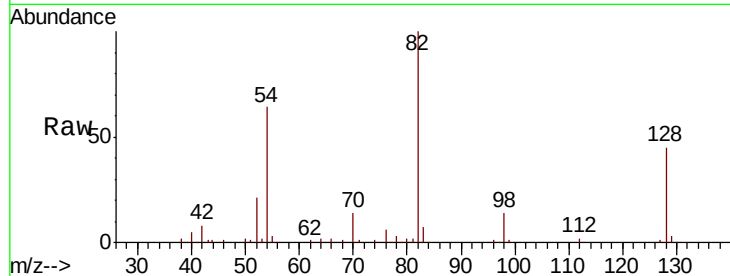




#23
 Nitrobenzene-d5
 Concen: 63.221 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

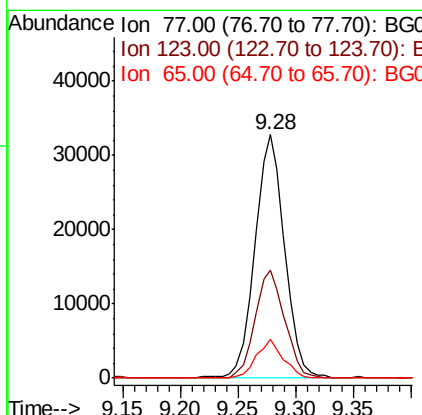
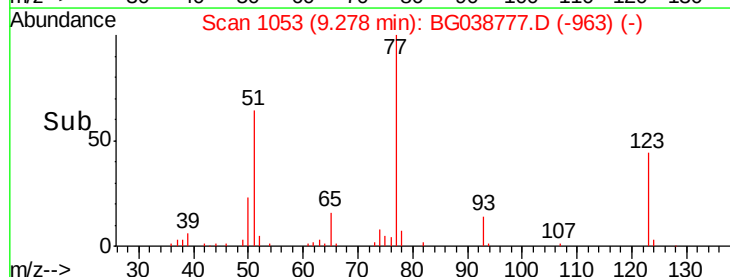
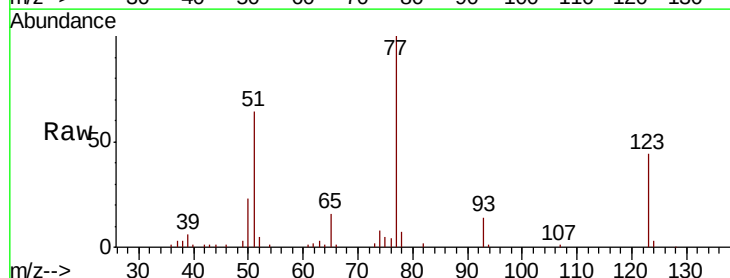
Instrument :
 BNA_G
 ClientSampleId :
 PB115875BS

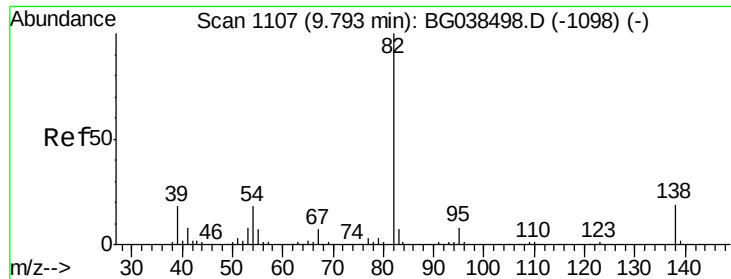
Tgt Ion: 82 Resp: 117860
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.6 52.0
 54 63.6 50.6 76.0



#24
 Nitrobenzene
 Concen: 30.986 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Tgt Ion: 77 Resp: 58438
 Ion Ratio Lower Upper
 77 100
 123 44.2 35.9 53.9
 65 16.0 12.0 18.0





#25

Isophorone

Concen: 30.292 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

Instrument :

BNA_G

ClientSampleId :

PB115875BS

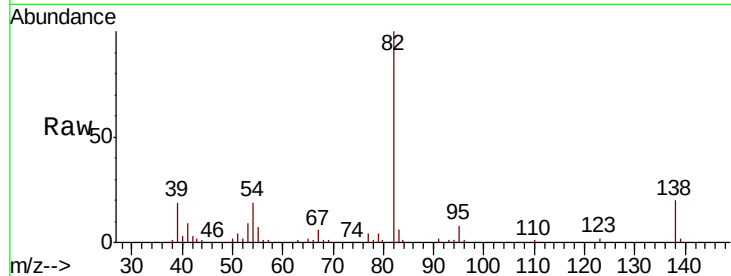
Tgt Ion: 82 Resp: 101464

Ion Ratio Lower Upper

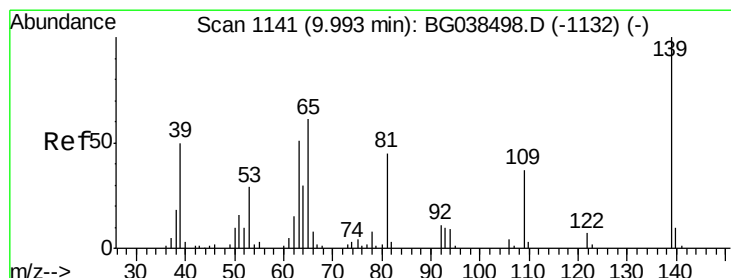
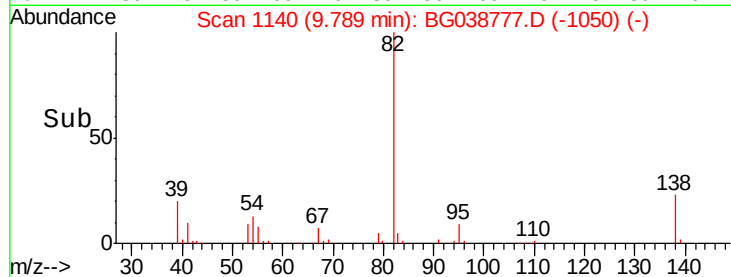
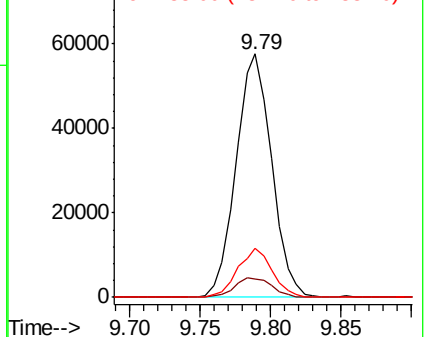
82 100

95 7.6 6.1 9.1

138 19.9 14.9 22.3



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



#26

2-Nitrophenol

Concen: 31.875 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

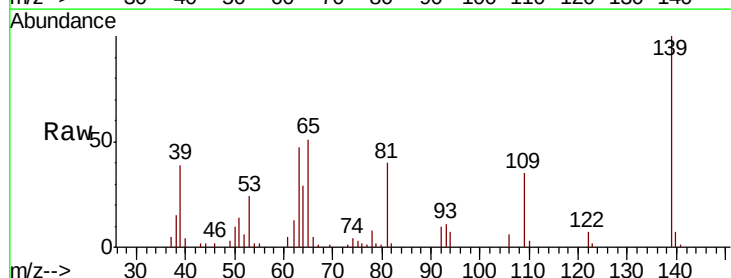
Tgt Ion: 139 Resp: 30768

Ion Ratio Lower Upper

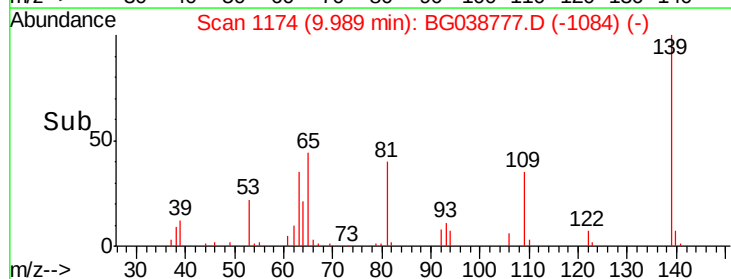
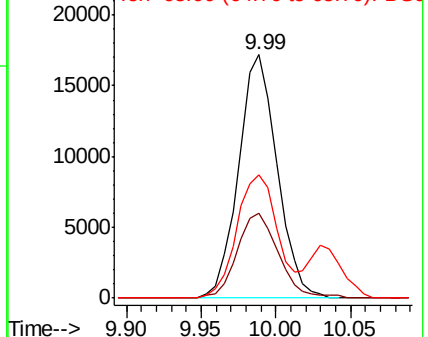
139 100

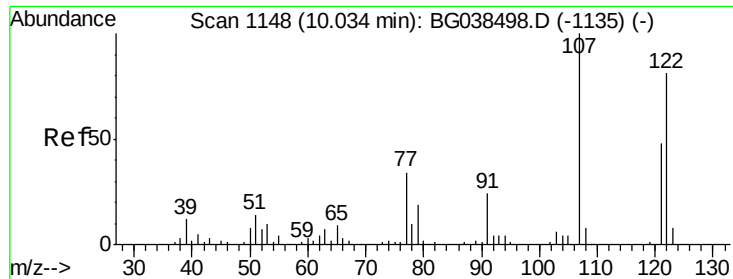
109 34.9 29.5 44.3

65 50.6 48.5 72.7



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

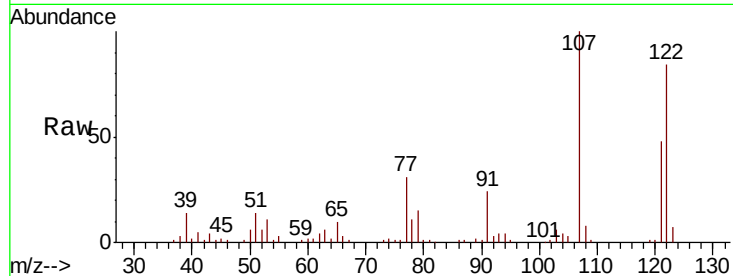




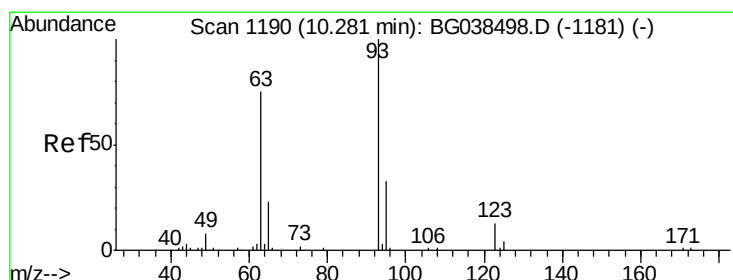
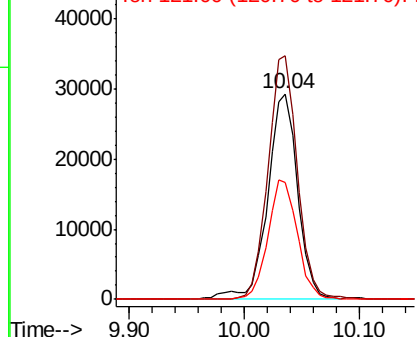
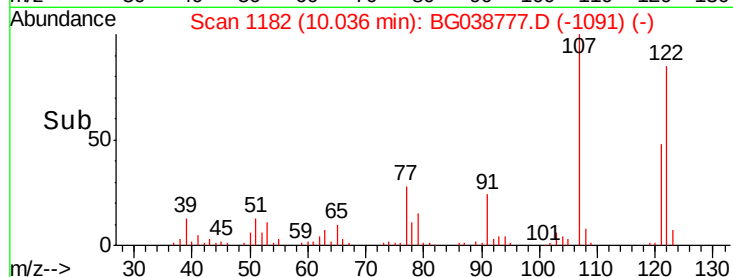
#27
 2,4-Dimethylphenol
 Concen: 38.496 ng
 RT: 10.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BS

Tgt Ion: 122 Resp: 53254
 Ion Ratio Lower Upper
 122 100
 107 118.6 98.4 147.6
 121 57.1 47.2 70.8

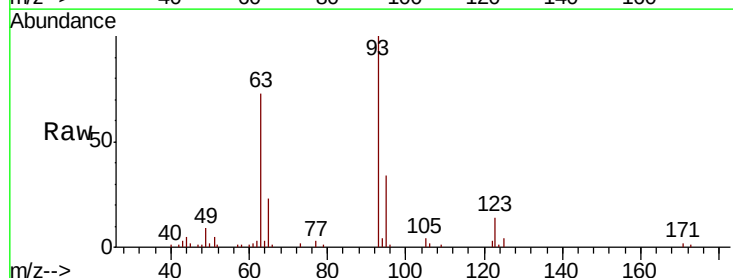


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

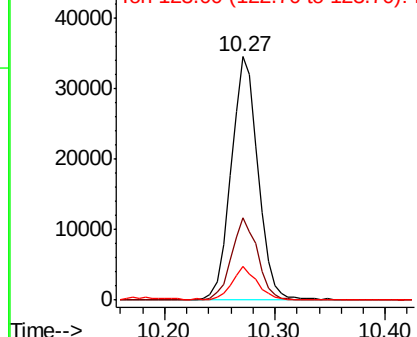
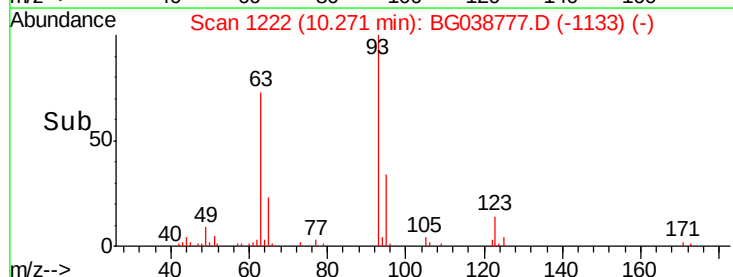


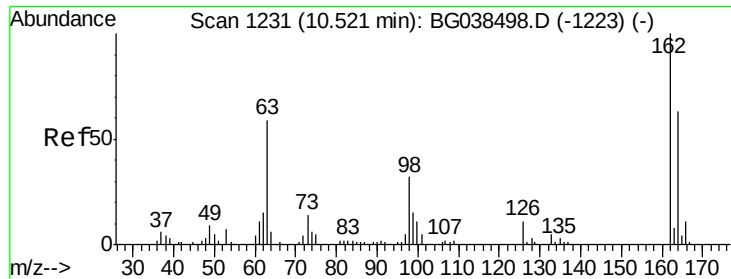
#28
 bis(2-Chloroethoxy)methane
 Concen: 31.131 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Tgt Ion: 93 Resp: 58845
 Ion Ratio Lower Upper
 93 100
 95 33.9 26.6 40.0
 123 13.8 10.6 16.0



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

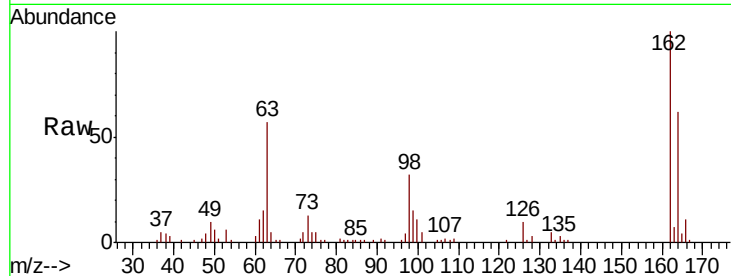




#29
 2,4-Dichlorophenol
 Concen: 37.050 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.4	42.9	82.9
98	31.6	12.1	52.1

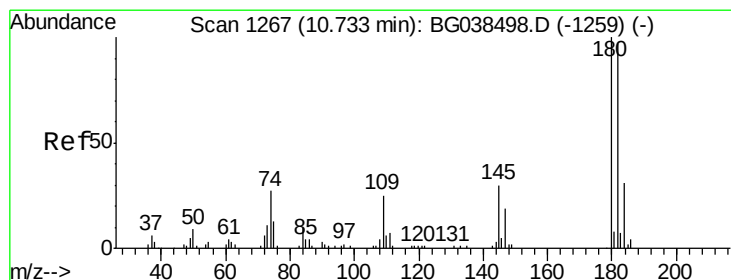
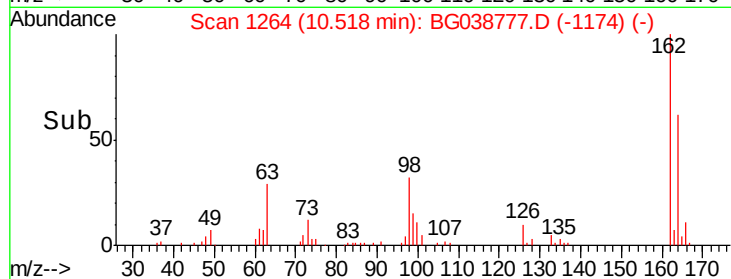
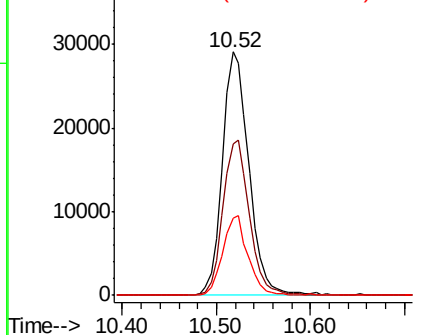


Abundance

Ion 162.00 (161.70 to 162.70): E

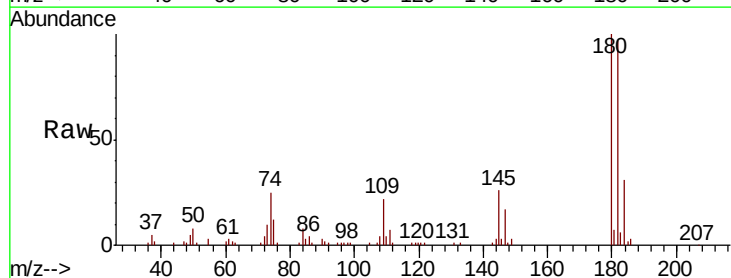
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 33.153 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.4	116.0
145	25.9	24.1	36.1

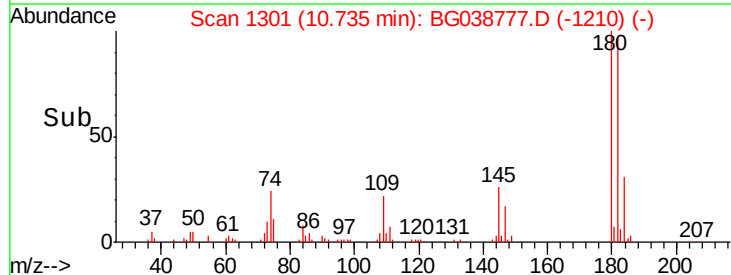
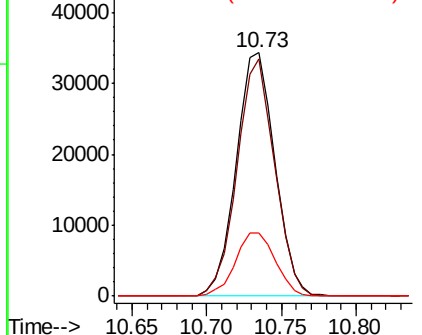


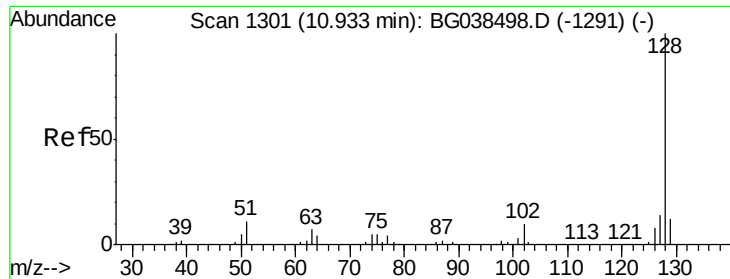
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

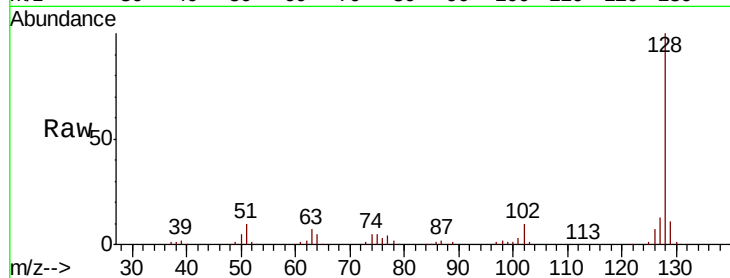




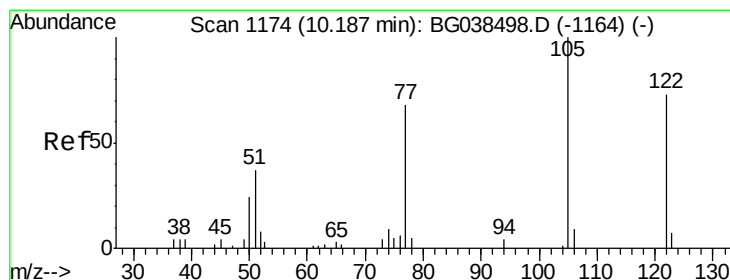
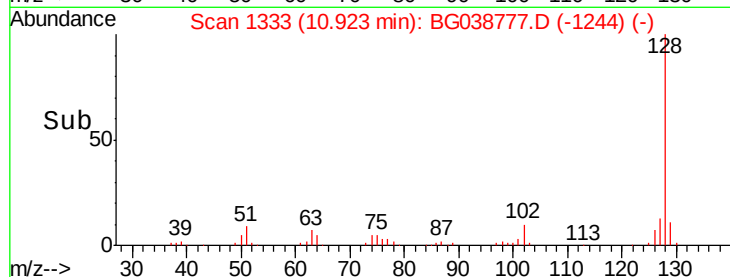
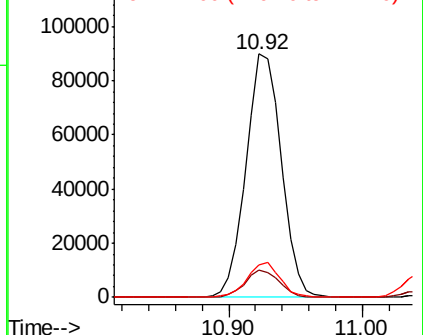
#31
Naphthalene
Concen: 34.960 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Instrument :
BNA_G
ClientSampleId :
PB115875BS

Tgt Ion:128 Resp: 164053
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.3 10.9 16.3

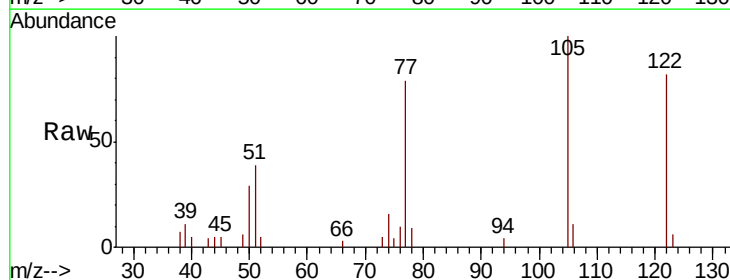


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

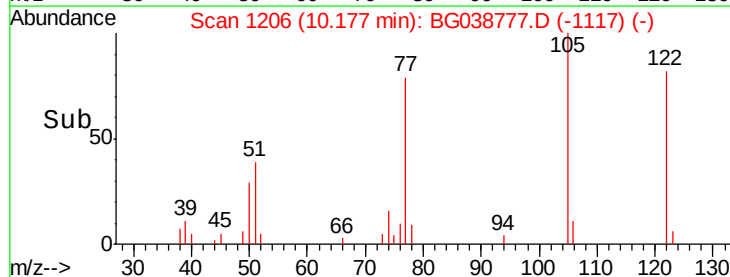
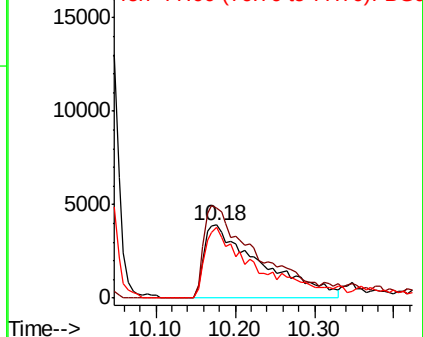


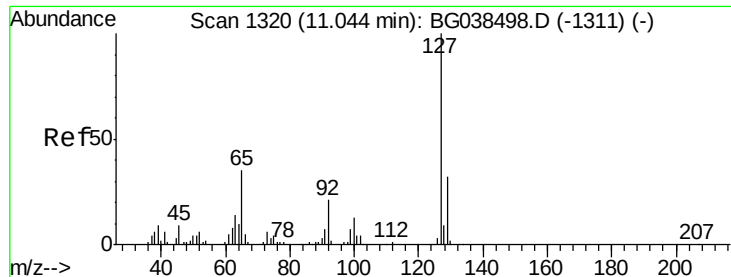
#32
Benzoic acid
Concen: 27.608 ng
RT: 10.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Tgt Ion:122 Resp: 19445
Ion Ratio Lower Upper
122 100
105 122.4 116.7 156.7
77 96.8 72.5 112.5



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

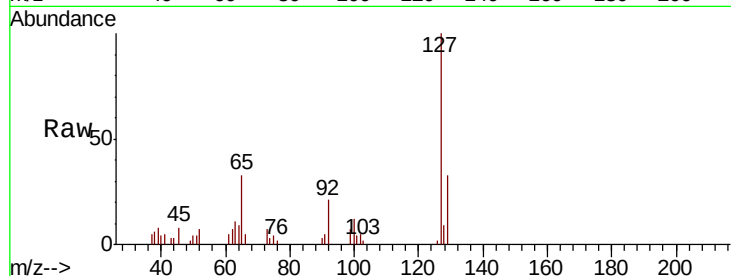




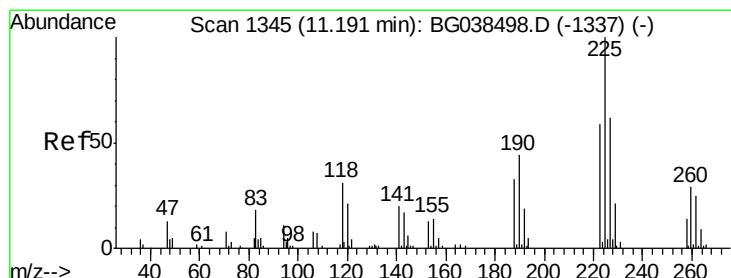
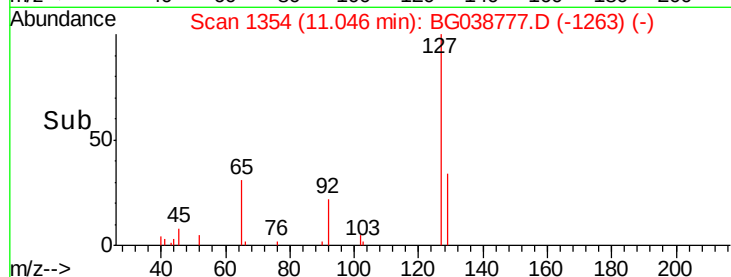
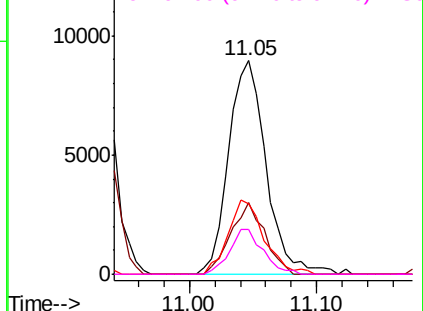
#33
4-Chloroaniline
Concen: 9.002 ng
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Instrument :
BNA_G
ClientSampled :
PB115875BS

Tgt Ion:	127	Resp:	18340
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.8	38.8
65	33.2	27.8	41.6
92	21.2	17.0	25.6

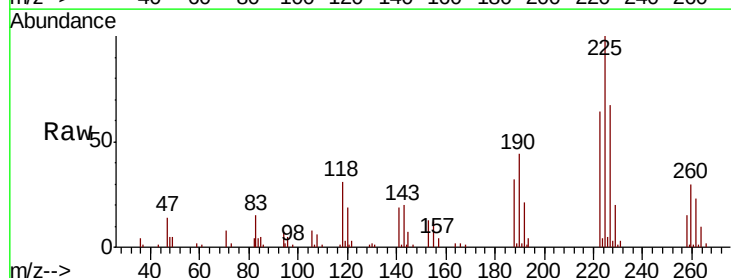


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

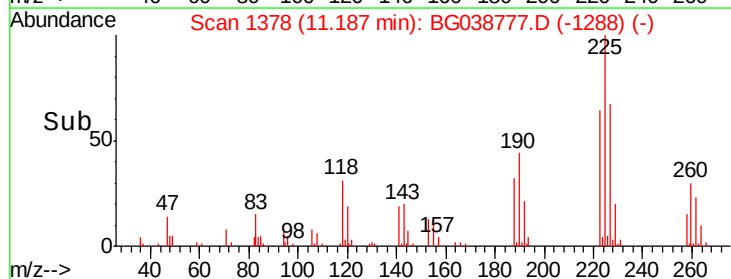
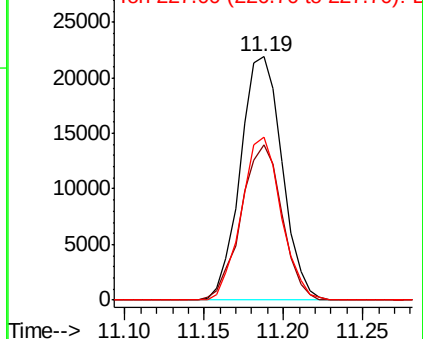


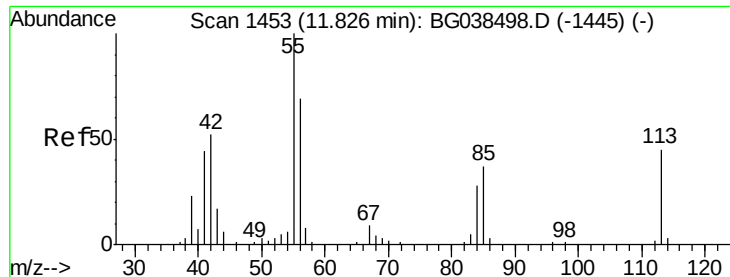
#34
Hexachlorobutadiene
Concen: 31.837 ng
RT: 11.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Tgt Ion:	225	Resp:	40046
Ion	Ratio	Lower	Upper
225	100		
223	64.5	45.0	67.6
227	66.7	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

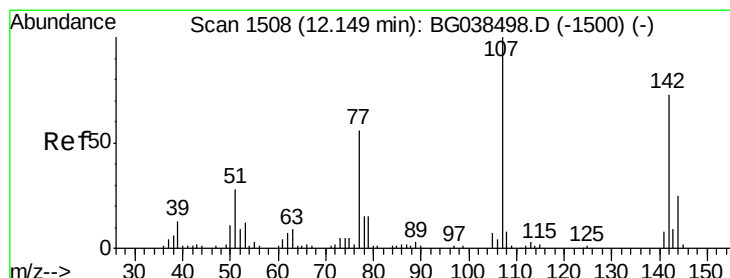
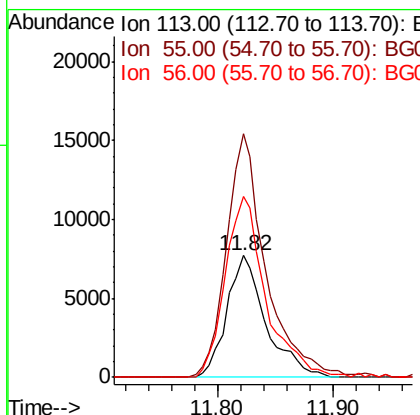
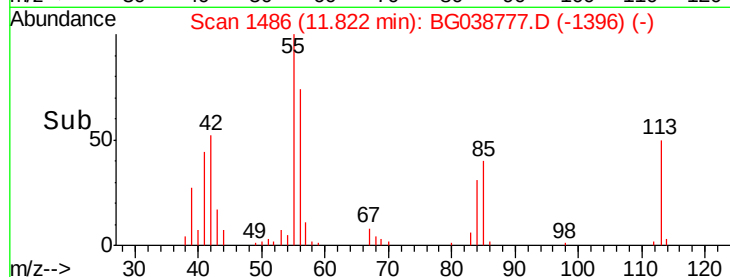
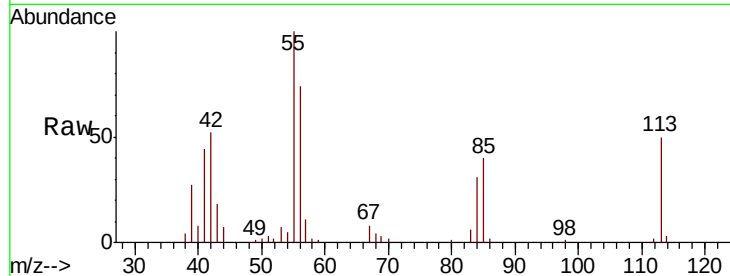




#35
 Caprolactam
 Concen: 28.391 ng
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

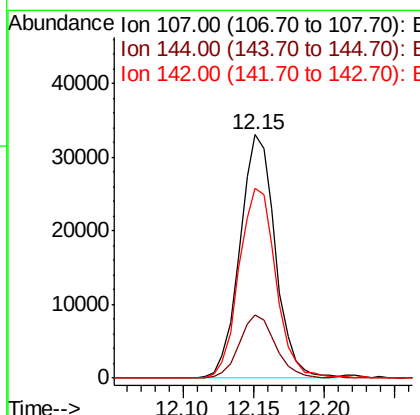
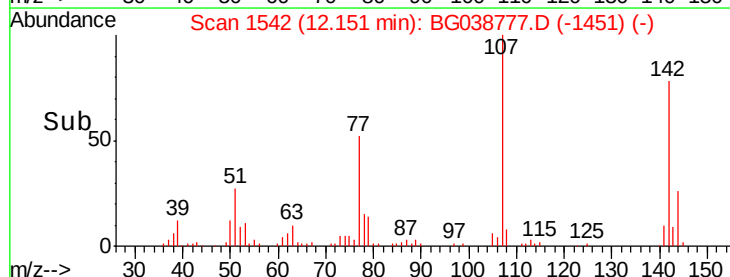
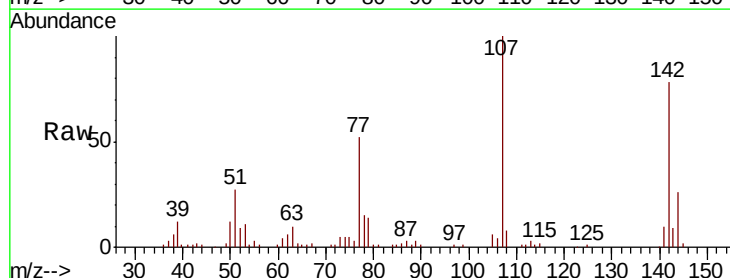
Instrument :
 BNA_G
 ClientSampleId :
 PB115875BS

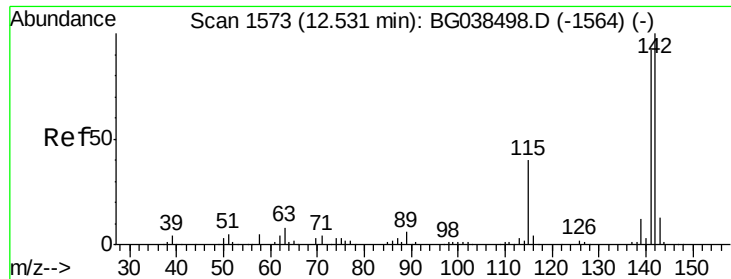
Tgt Ion:113 Resp: 18082
 Ion Ratio Lower Upper
 113 100
 55 200.4 204.3 244.3#
 56 148.6 135.0 175.0



#36
 4-Chloro-3-methylphenol
 Concen: 33.081 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Tgt Ion:107 Resp: 58099
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.1 30.1
 142 78.2 58.7 88.1

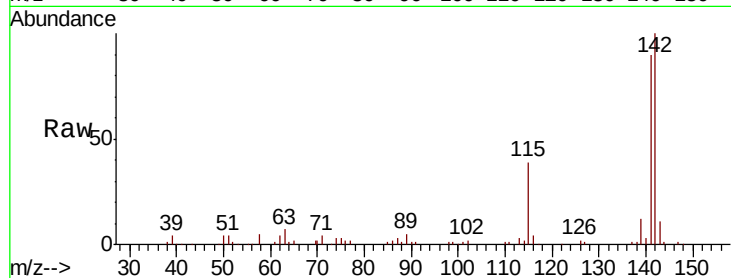




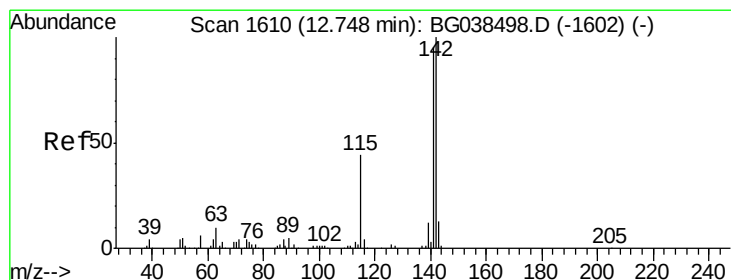
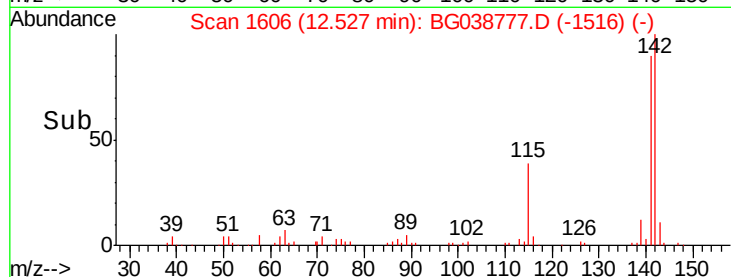
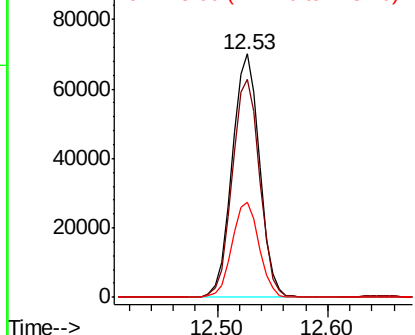
#37
 2-Methylnaphthalene
 Concen: 36.473 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BS

Tgt Ion:142 Resp: 122103
 Ion Ratio Lower Upper
 142 100
 141 89.8 73.5 110.3
 115 39.0 31.7 47.5

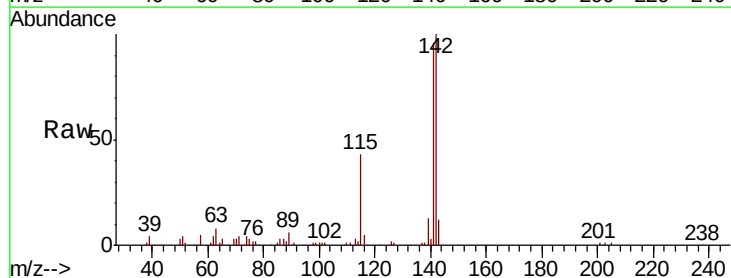


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

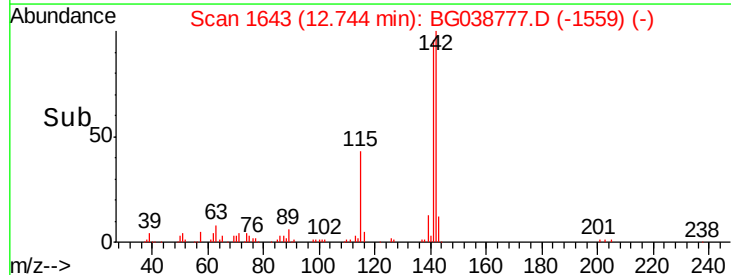
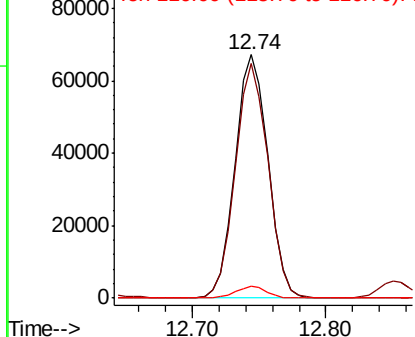


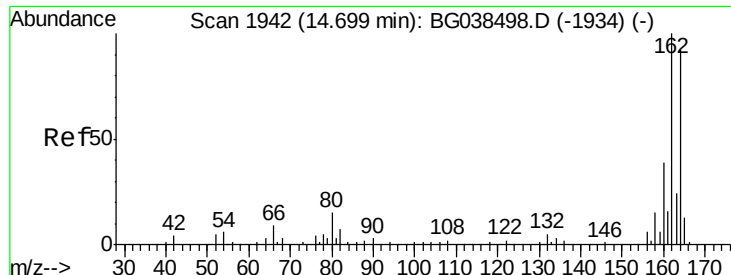
#38
 1-Methylnaphthalene
 Concen: 35.282 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Tgt Ion:142 Resp: 114615
 Ion Ratio Lower Upper
 142 100
 141 96.5 75.8 113.8
 116 4.9 3.6 5.4



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

Instrument :

BNA_G

ClientSampleId :

PB115875BS

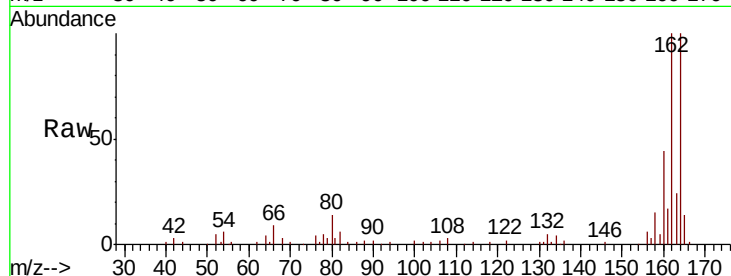
Tgt Ion:164 Resp: 63953

Ion Ratio Lower Upper

164 100

162 100.0 86.6 130.0

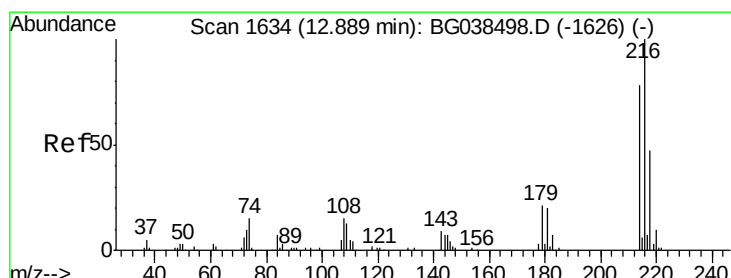
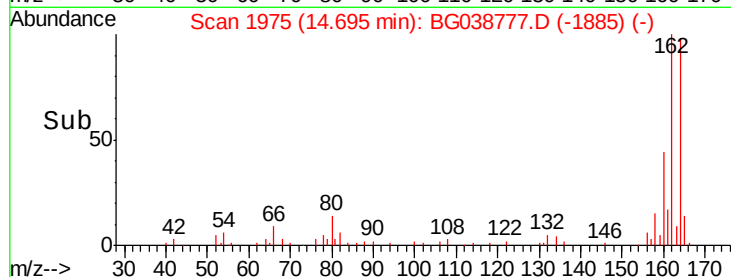
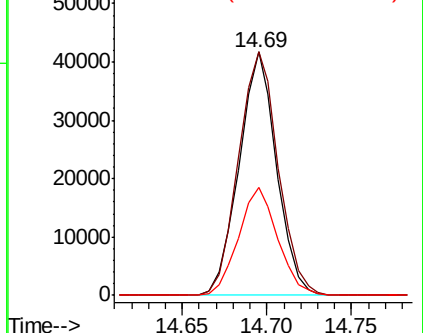
160 44.3 34.2 51.2



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: 31.324 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

Tgt Ion:216 Resp: 74881

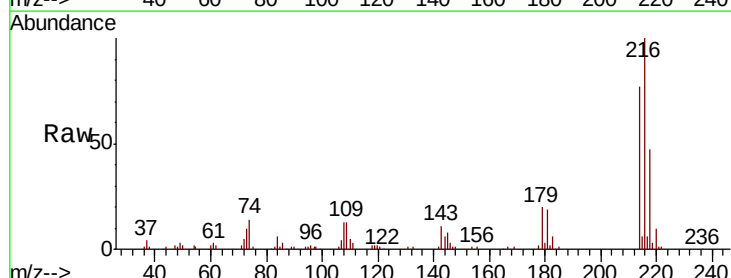
Ion Ratio Lower Upper

216 100

214 79.5 64.1 96.1

179 19.8 16.4 24.6

108 17.3 13.9 20.9

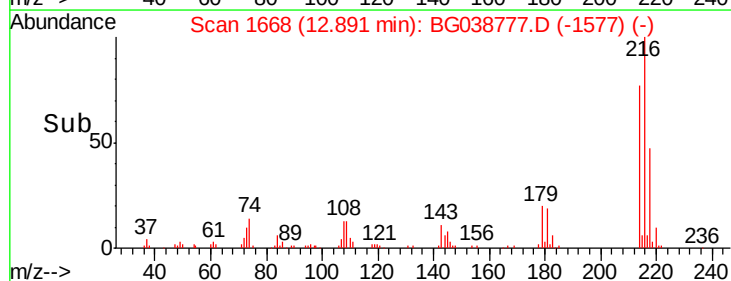
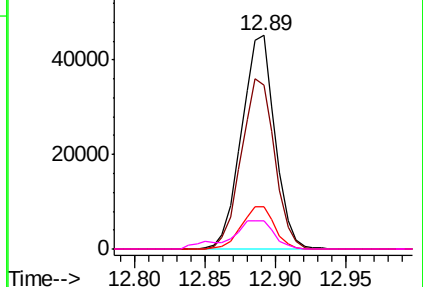


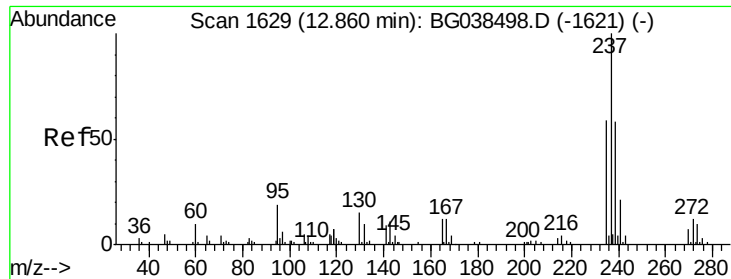
Abundance Ion 216.00 (215.70 to 216.70): E

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

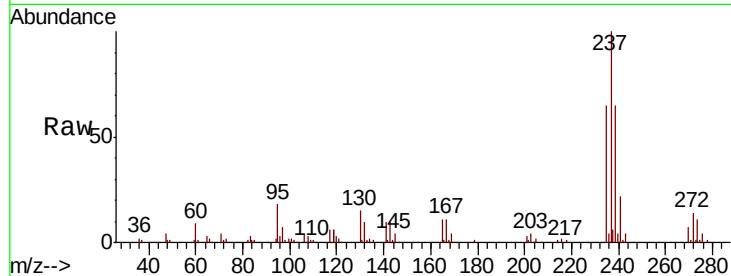




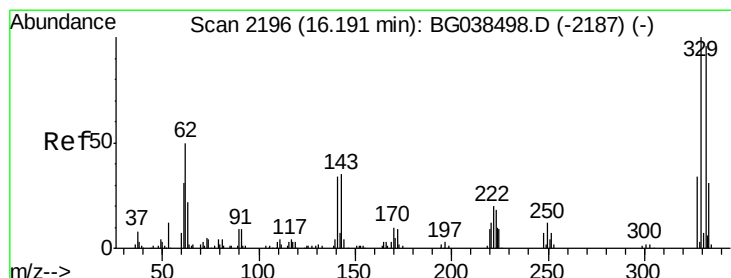
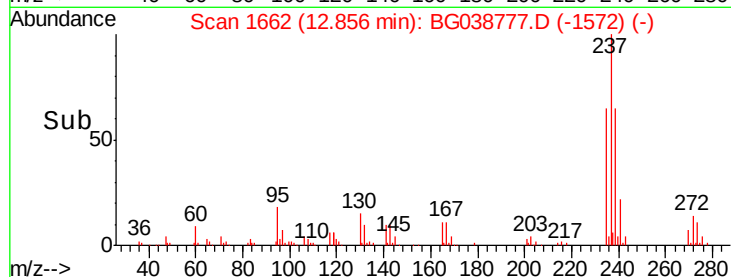
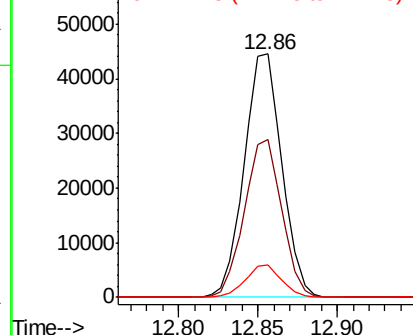
#41
Hexachlorocyclopentadiene
Concen: 55.898 ng
RT: 12.86 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Instrument :
BNA_G
ClientSampleId :
PB115875BS

Tgt Ion: 237 Resp: 73414
Ion Ratio Lower Upper
237 100
235 64.9 38.8 78.8
272 13.5 0.0 32.0

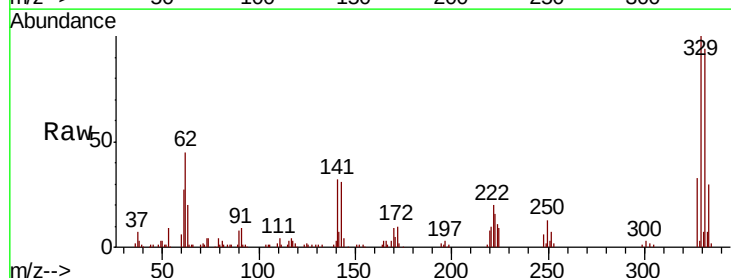


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

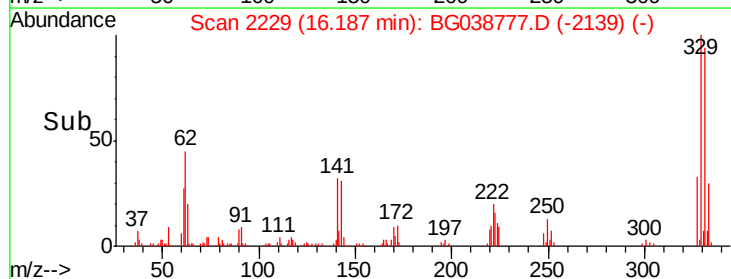
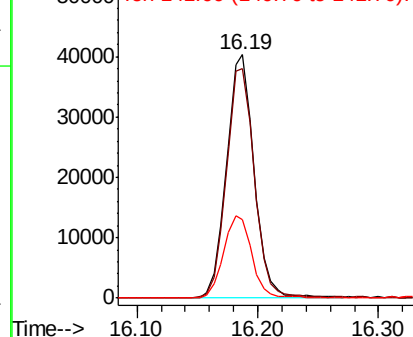


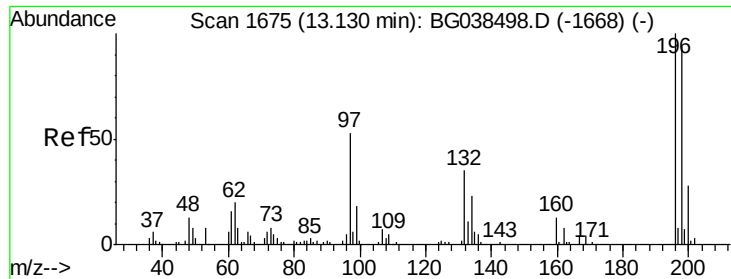
#42
2,4,6-Tribromophenol
Concen: 72.051 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Tgt Ion: 330 Resp: 63505
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 34.2 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

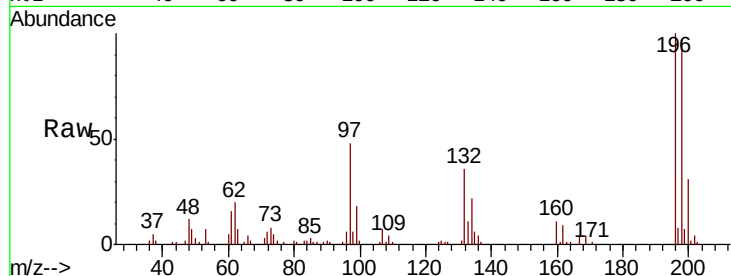




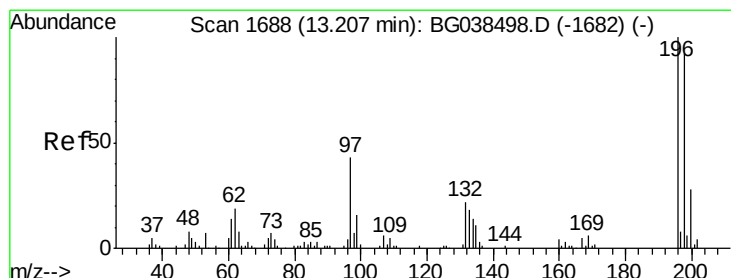
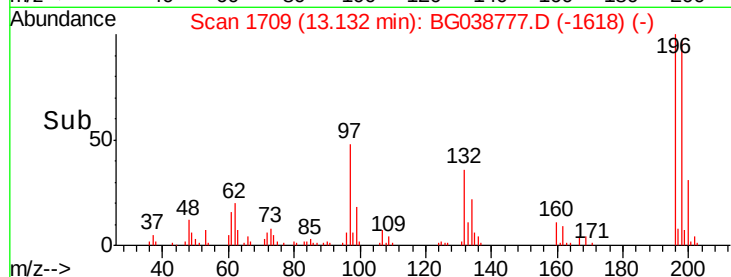
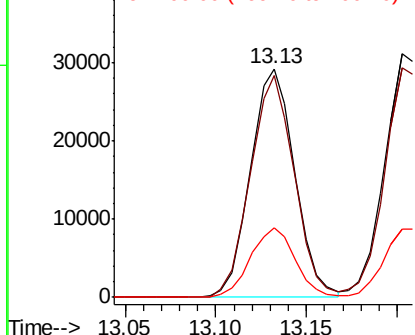
#43
 2,4,6-Trichlorophenol
 Concen: 33.749 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BS

Tgt Ion:196 Resp: 49606
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.0 112.4
 200 30.5 22.4 33.6

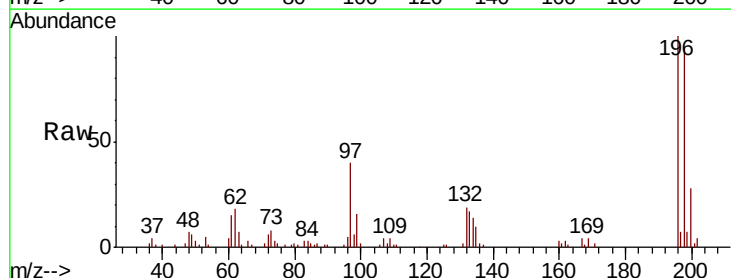


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

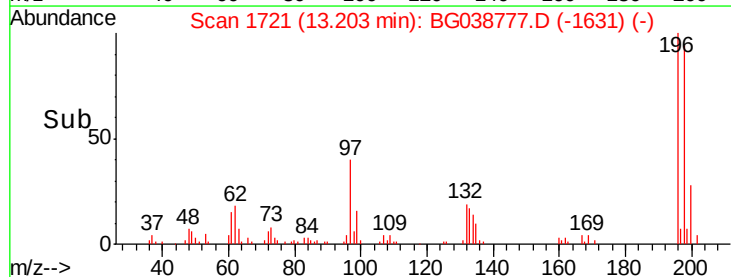
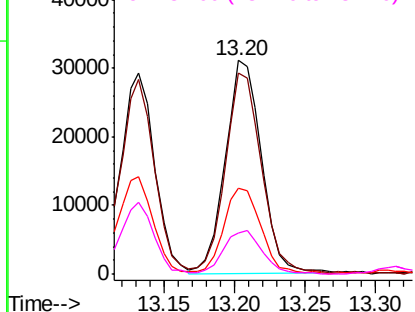


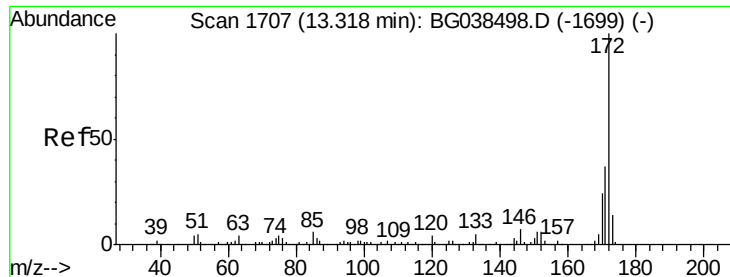
#44
 2,4,5-Trichlorophenol
 Concen: 35.432 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Tgt Ion:196 Resp: 55140
 Ion Ratio Lower Upper
 196 100
 198 94.4 74.0 111.0
 97 40.0 35.1 52.7
 132 19.0 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

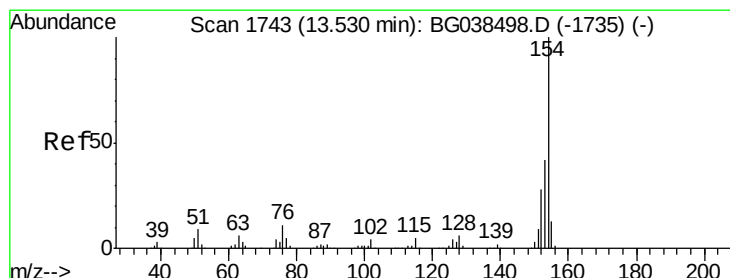
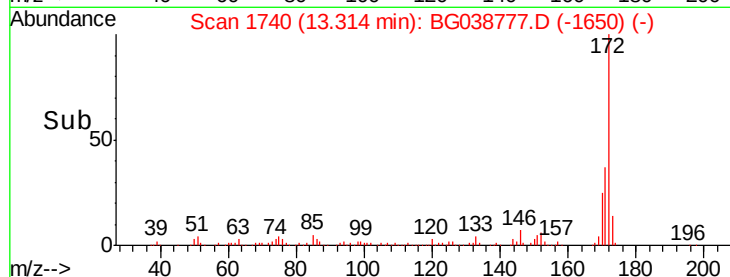
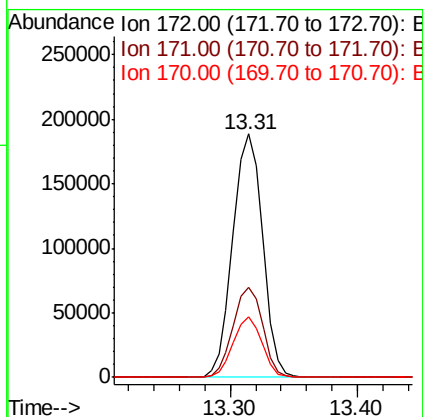
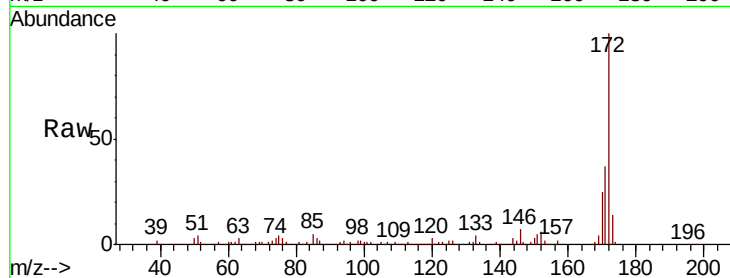




#45
2-Fluorobiphenyl
Concen: 65.660 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

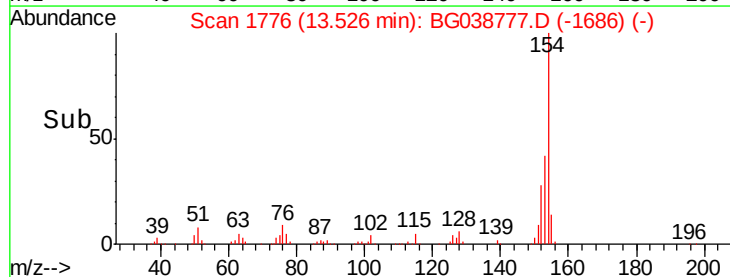
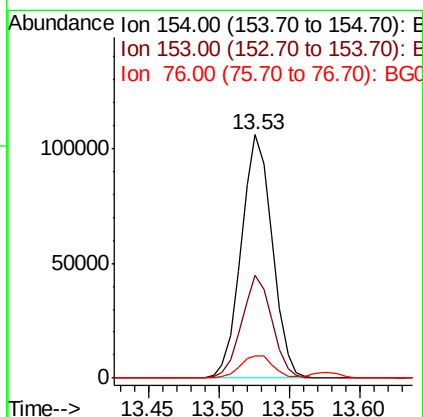
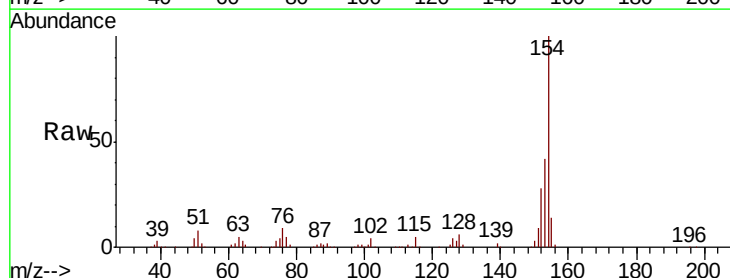
Instrument :
BNA_G
ClientSampleId :
PB115875BS

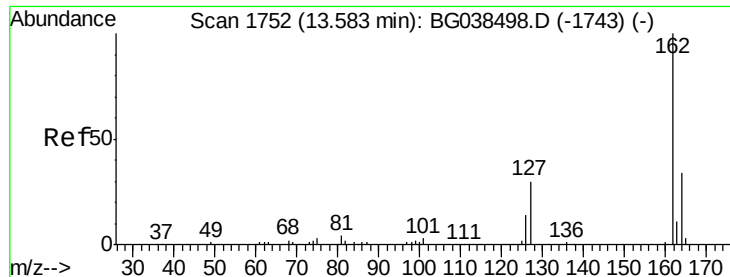
Tgt Ion:172 Resp: 306096
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 24.7 19.5 29.3



#46
1,1'-Biphenyl
Concen: 30.380 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Tgt Ion:154 Resp: 162877
Ion Ratio Lower Upper
154 100
153 42.3 22.1 62.1
76 8.9 0.0 31.2

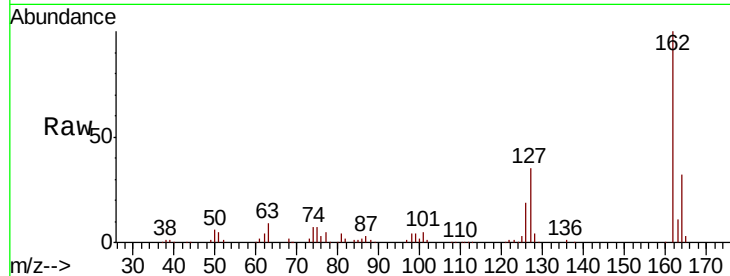




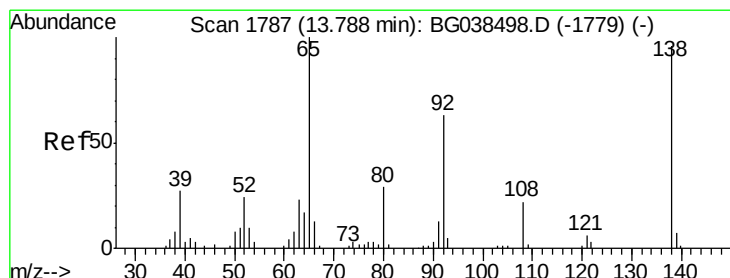
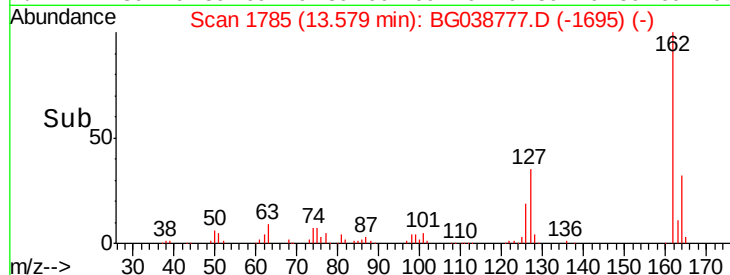
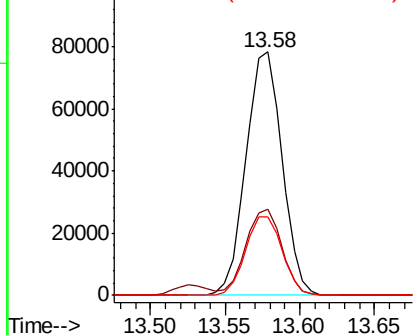
#47
 2-Chloronaphthalene
 Concen: 31.662 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BS

Tgt Ion: 162 Resp: 131122
 Ion Ratio Lower Upper
 162 100
 127 35.4 27.8 41.8
 164 32.3 26.9 40.3

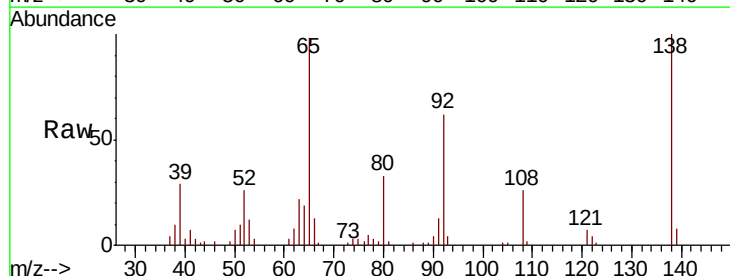


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

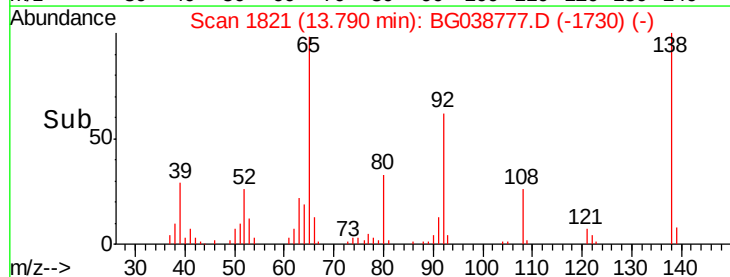
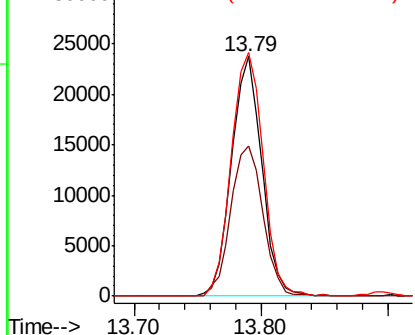


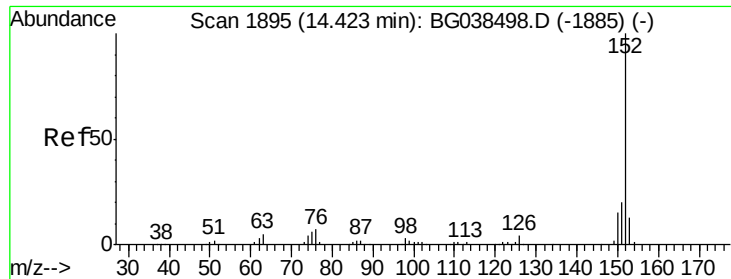
#48
 2-Nitroaniline
 Concen: 29.589 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Tgt Ion: 65 Resp: 39032
 Ion Ratio Lower Upper
 65 100
 92 62.9 50.0 75.0
 138 101.6 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: 34.119 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

Instrument :

BNA_G

ClientSampleId :

PB115875BS

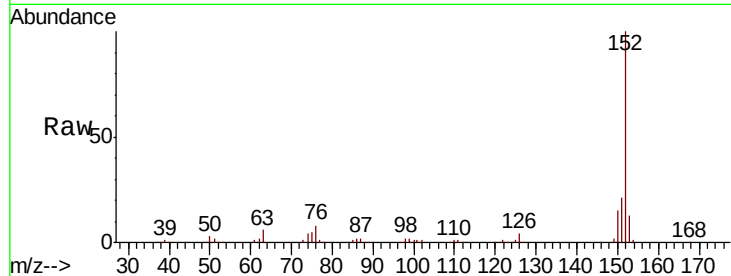
Tgt Ion:152 Resp: 211234

Ion Ratio Lower Upper

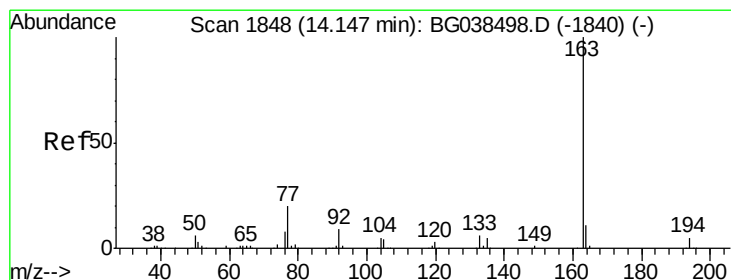
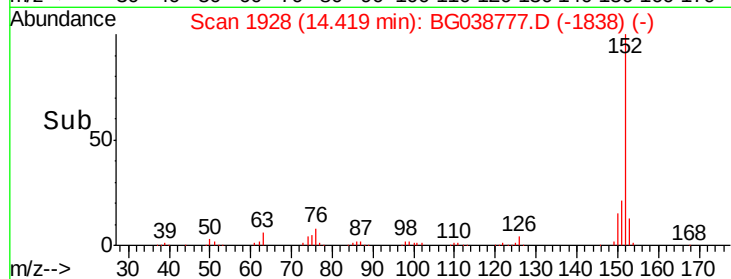
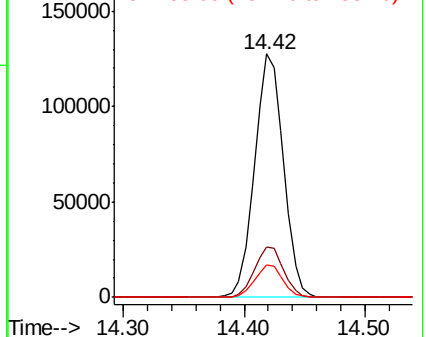
152 100

151 20.6 16.4 24.6

153 13.1 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: 31.288 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

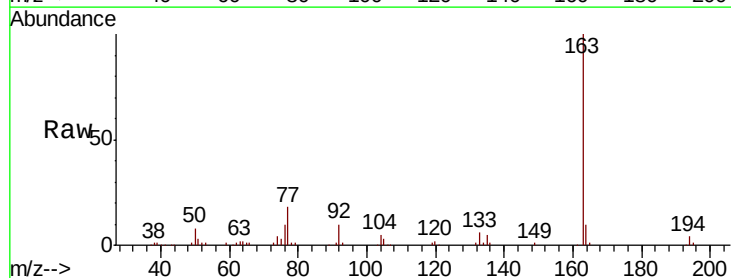
Tgt Ion:163 Resp: 163407

Ion Ratio Lower Upper

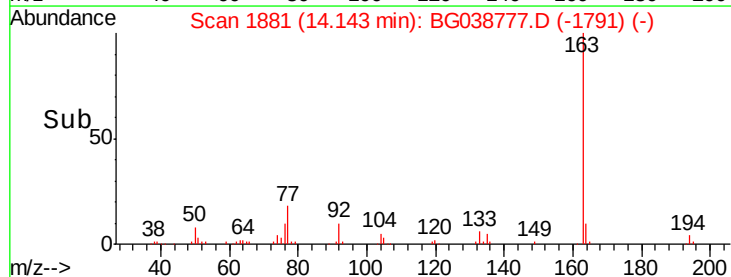
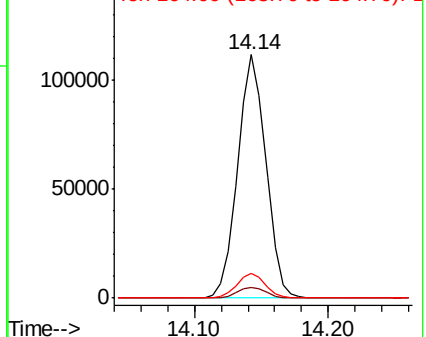
163 100

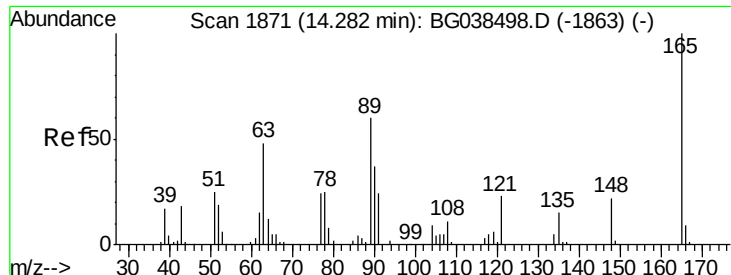
194 4.2 3.7 5.5

164 10.1 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

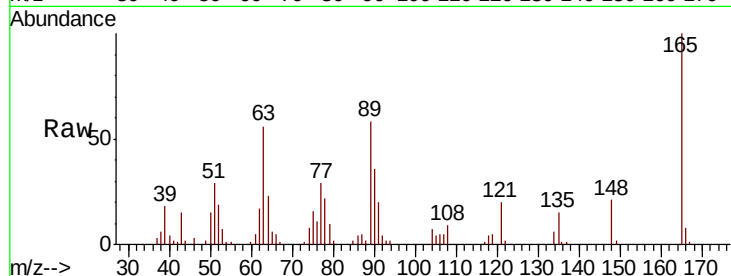




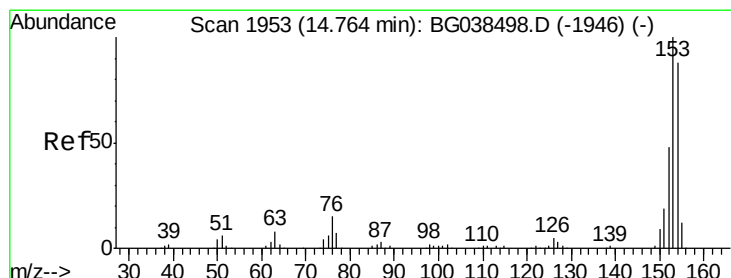
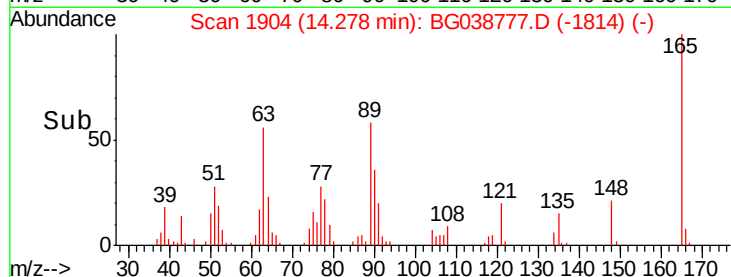
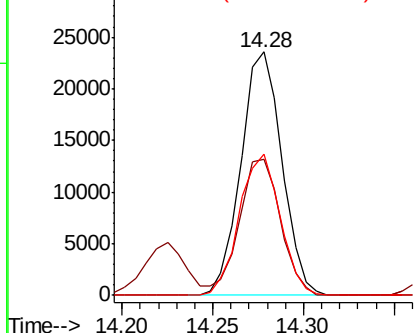
#51
 2,6-Dinitrotoluene
 Concen: 31.303 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BS

Tgt Ion:165 Resp: 37048
 Ion Ratio Lower Upper
 165 100
 63 55.8 51.8 77.6
 89 57.8 47.9 71.9

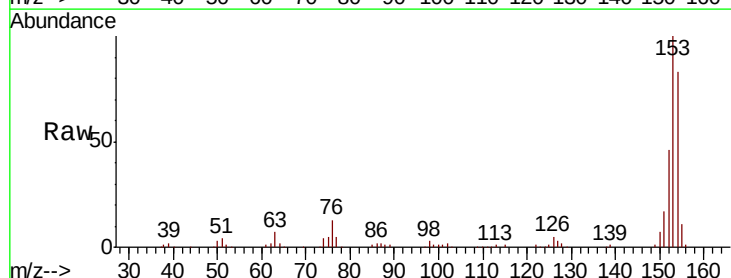


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

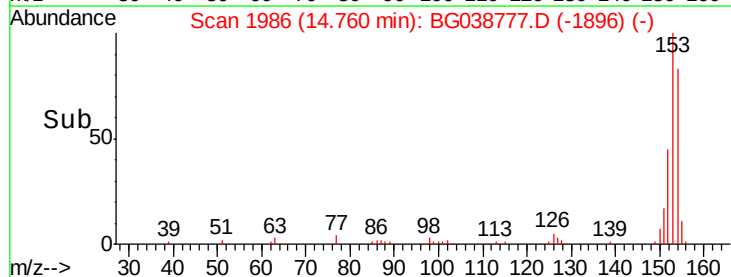
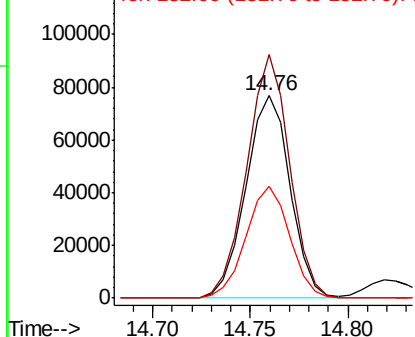


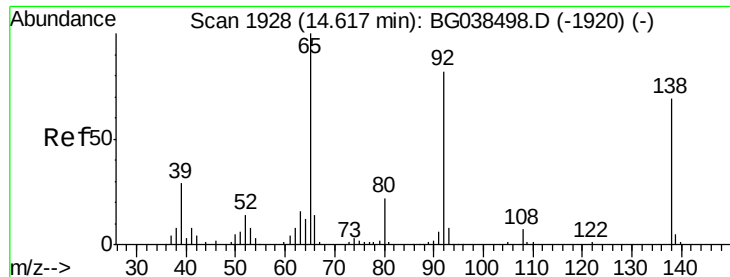
#52
 Acenaphthene
 Concen: 32.588 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Tgt Ion:154 Resp: 120643
 Ion Ratio Lower Upper
 154 100
 153 120.3 90.6 136.0
 152 55.1 43.5 65.3



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





#53

3-Nitroaniline

Concen: 14.986 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

Instrument :

BNA_G

ClientSampleId :

PB115875BS

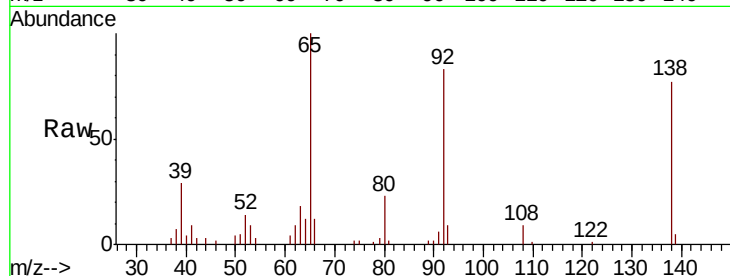
Tgt Ion:138 Resp: 18080

Ion Ratio Lower Upper

138 100

108 11.7 7.9 11.9

92 107.7 95.3 142.9

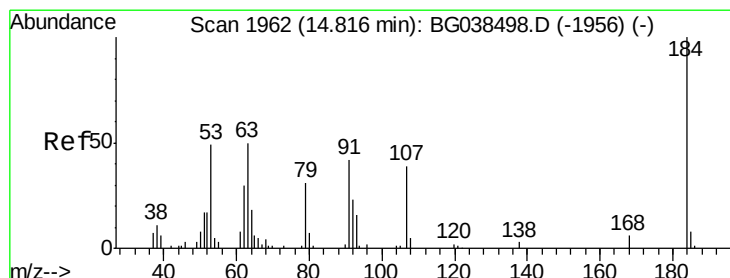
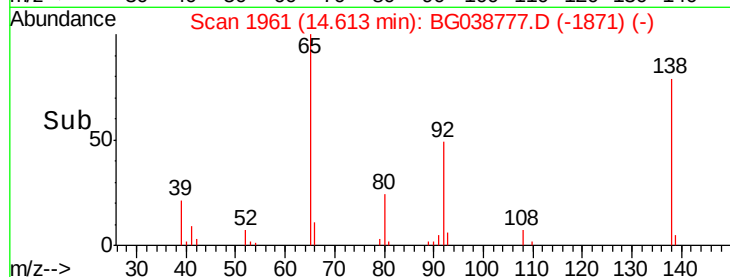
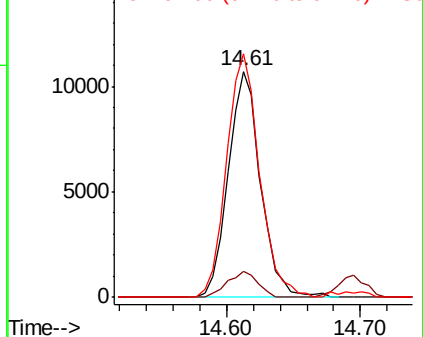


Abundance

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: 32.752 ng

RT: 14.82 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

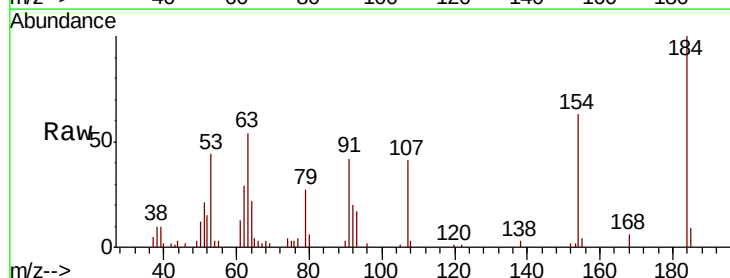
Tgt Ion:184 Resp: 20760

Ion Ratio Lower Upper

184 100

63 54.1 47.0 70.6

154 63.4 50.3 75.5

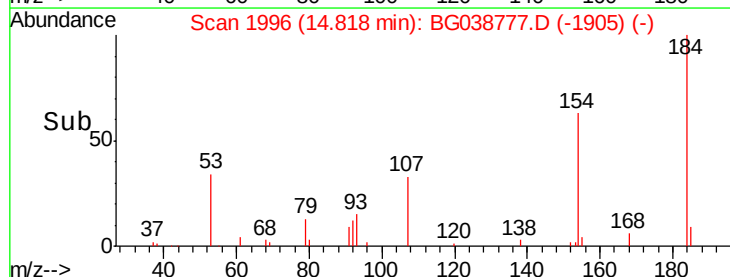
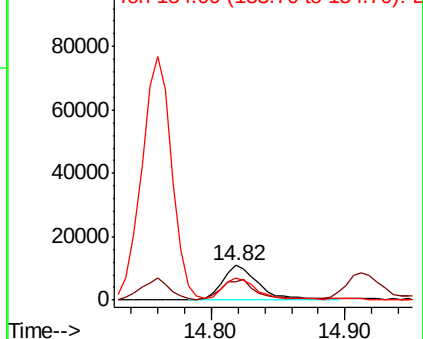


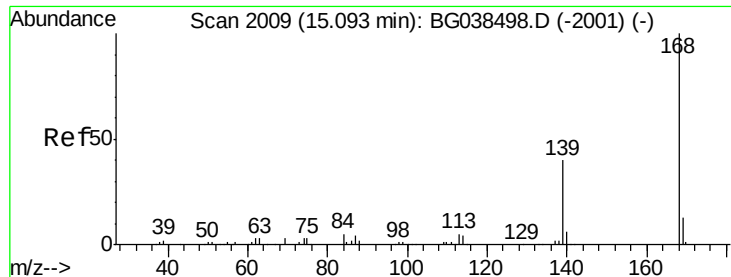
Abundance

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

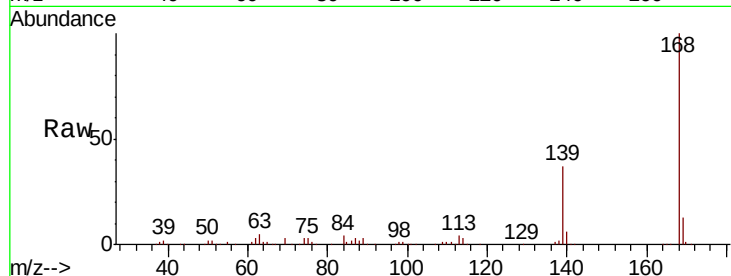




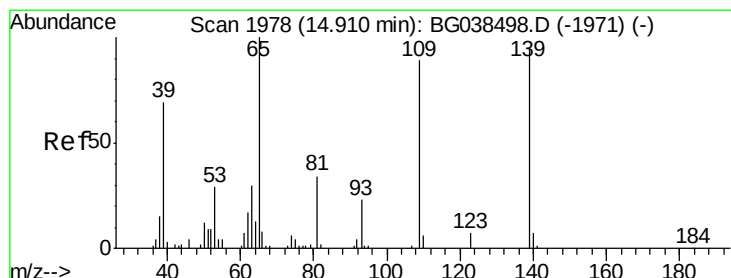
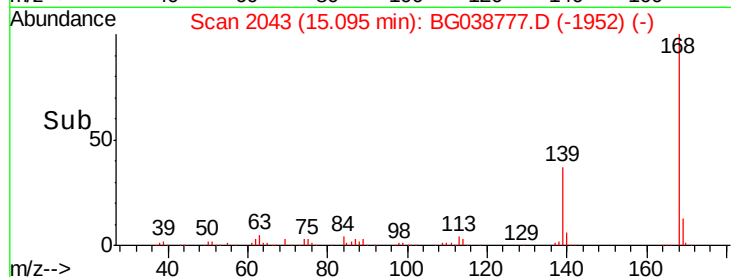
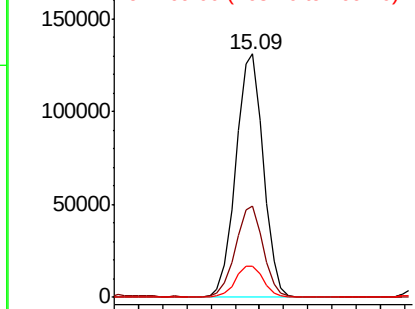
#55
Dibenzenofuran
Concen: 32.770 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Instrument :
BNA_G
ClientSampleId :
PB115875BS

Tgt Ion:168 Resp: 207956
Ion Ratio Lower Upper
168 100
139 37.4 32.2 48.2
169 12.9 10.6 16.0

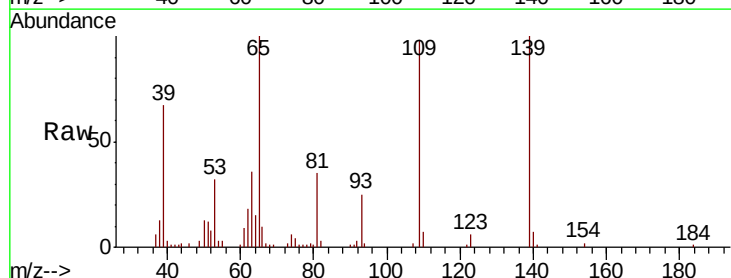


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

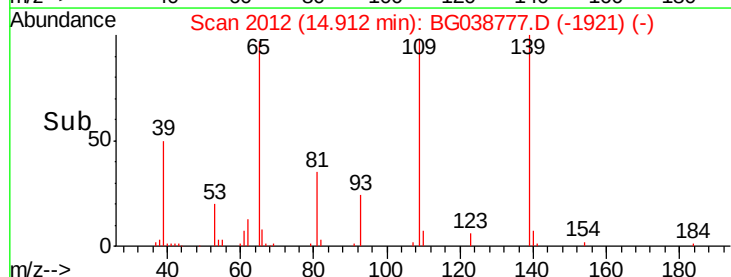
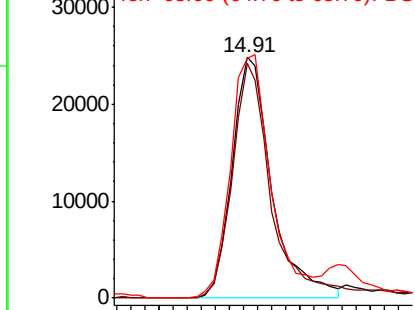


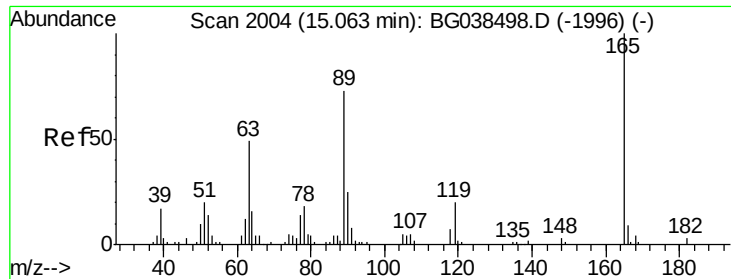
#56
4-Nitrophenol
Concen: 53.311 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Tgt Ion:139 Resp: 48793
Ion Ratio Lower Upper
139 100
109 97.6 73.6 113.6
65 99.6 84.8 124.8



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

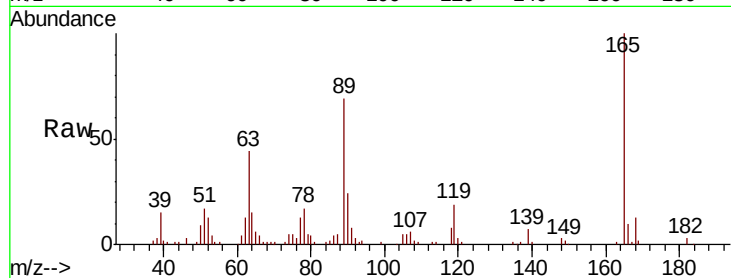




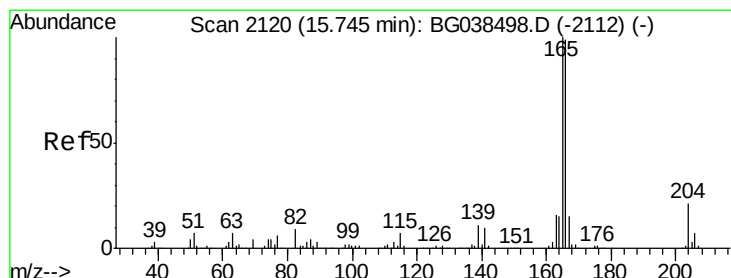
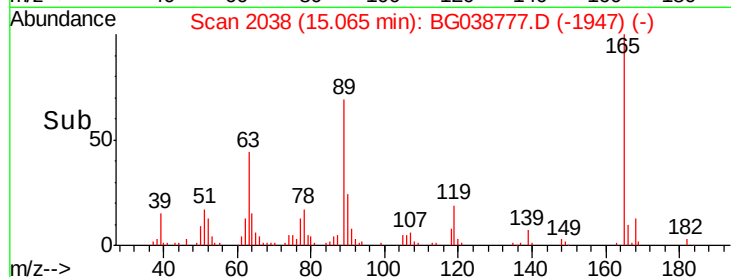
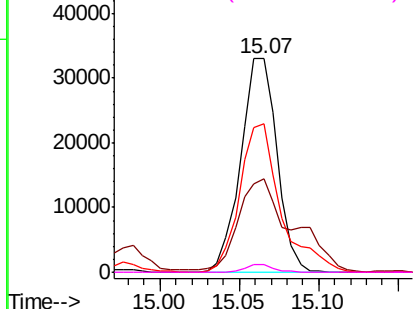
#57
 2,4-Dinitrotoluene
 Concen: 31.563 ng
 RT: 15.07 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BS

Tgt Ion:165 Resp: 52614
 Ion Ratio Lower Upper
 165 100
 63 43.6 39.0 58.4
 89 69.3 58.0 87.0
 182 3.3 2.3 3.5

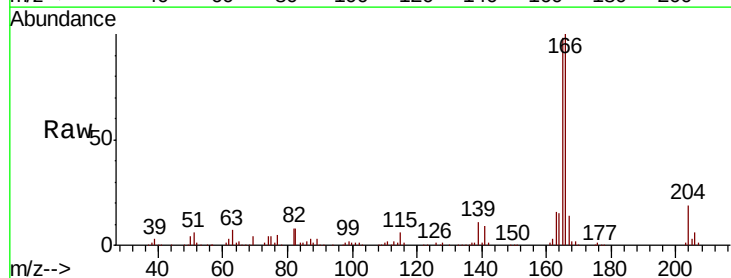


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

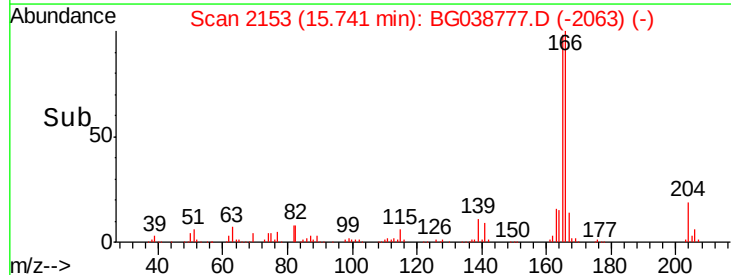
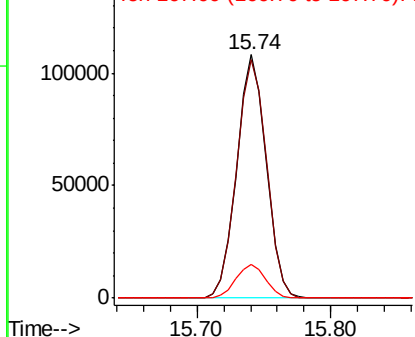


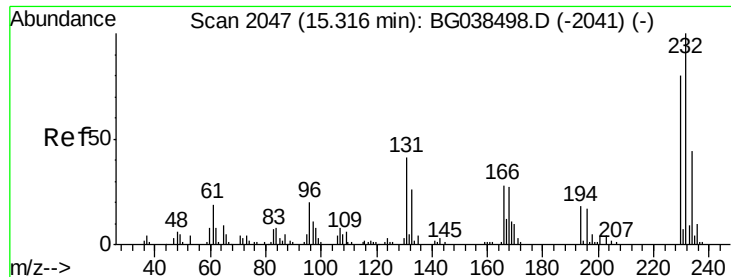
#58
 Fluorene
 Concen: 35.164 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Tgt Ion:166 Resp: 165326
 Ion Ratio Lower Upper
 166 100
 165 97.7 80.6 120.8
 167 13.7 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

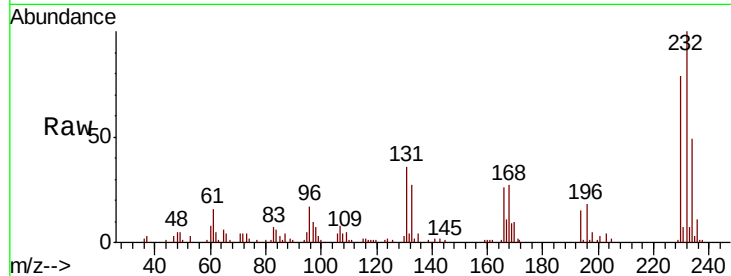




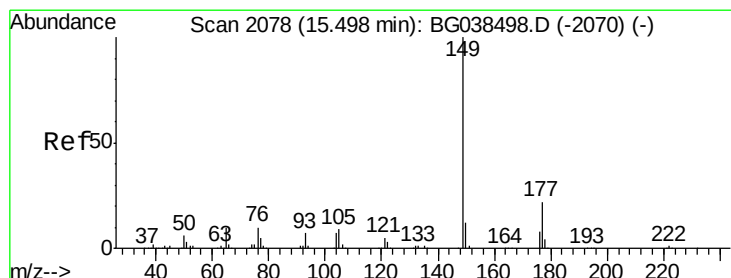
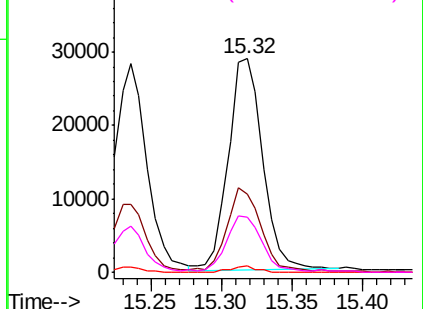
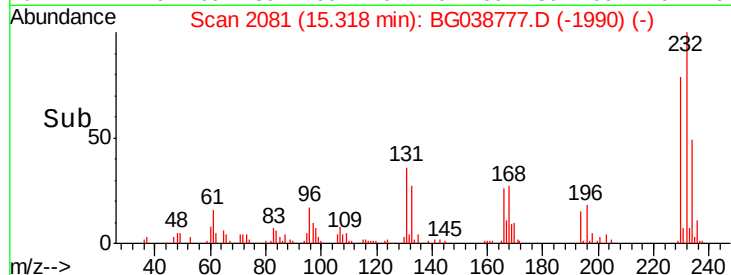
#59
2,3,4,6-Tetrachlorophenol
Concen: 34.863 ng
RT: 15.32 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Instrument :
BNA_G
ClientSampleId :
PB115875BS

Tgt Ion: 232 Resp: 48813
Ion Ratio Lower Upper
232 100
131 38.0 33.0 49.4
130 2.2 2.0 3.0
166 26.0 23.1 34.7

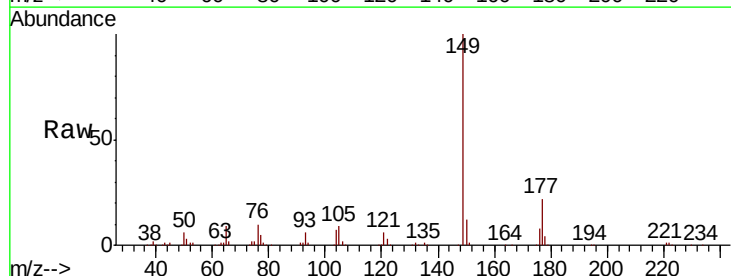


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

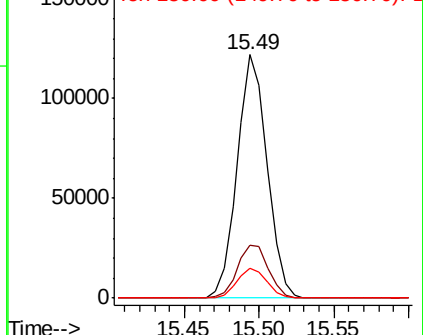
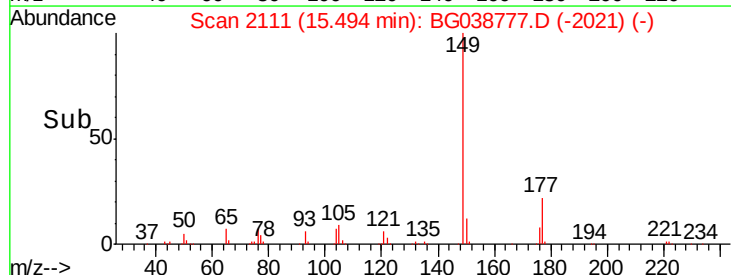


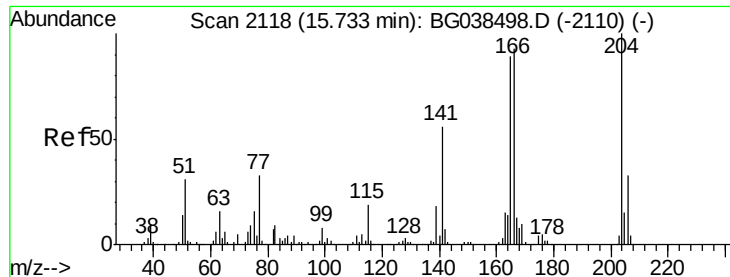
#60
Diethylphthalate
Concen: 29.595 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Tgt Ion: 149 Resp: 169675
Ion Ratio Lower Upper
149 100
177 21.7 17.7 26.5
150 12.3 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

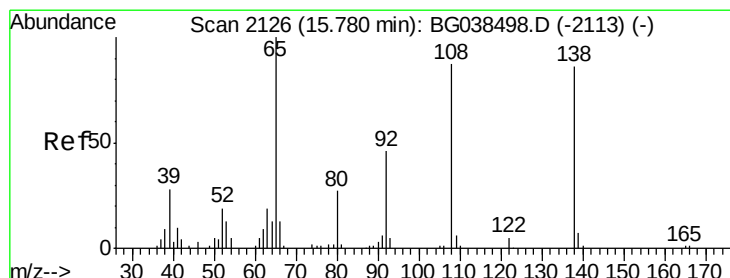
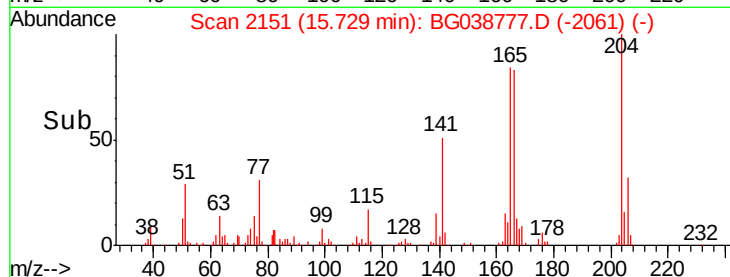
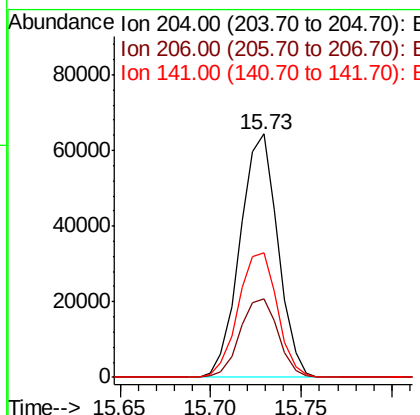
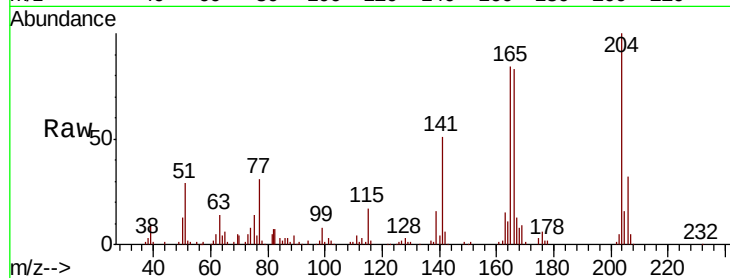




#61
 4-Chlorophenyl-phenylether
 Concen: 31.768 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

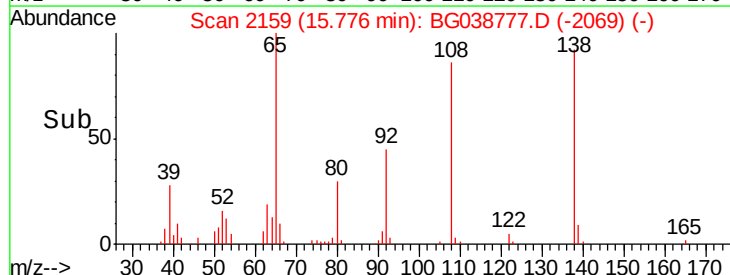
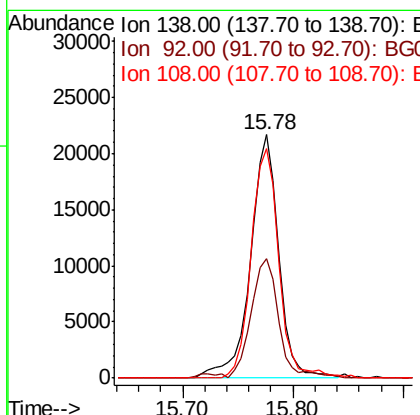
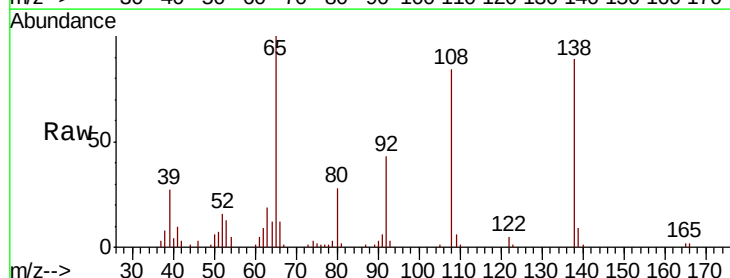
Instrument :
 BNA_G
 ClientSampleId :
 PB115875BS

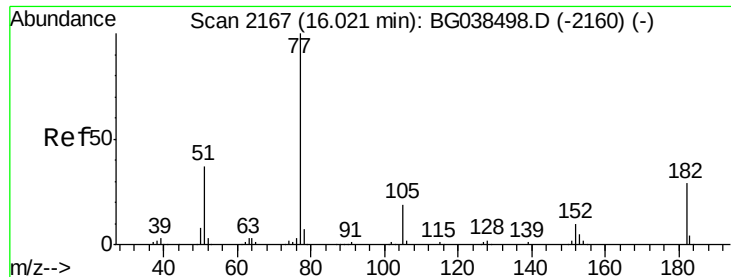
Tgt Ion:204 Resp: 93190
 Ion Ratio Lower Upper
 204 100
 206 32.2 26.0 39.0
 141 51.1 44.4 66.6



#62
 4-Nitroaniline
 Concen: 31.297 ng
 RT: 15.78 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Tgt Ion:138 Resp: 38873
 Ion Ratio Lower Upper
 138 100
 92 48.9 33.3 73.3
 108 94.5 81.4 121.4





#63

Azobenzene

Concen: 29.960 ng

RT: 16.02 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

Instrument :

BNA_G

ClientSampleId :

PB115875BS

Tgt Ion: 77 Resp: 143494

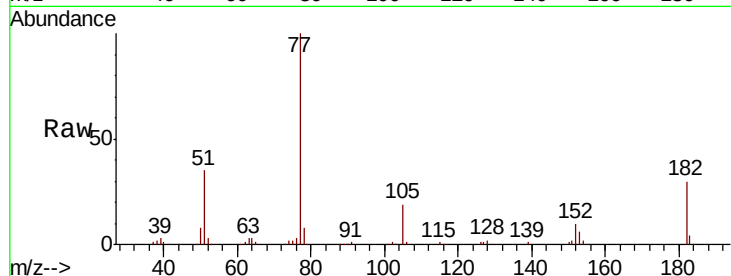
Ion Ratio Lower Upper

77 100

182 29.8 8.7 48.7

105 19.4 0.0 38.7

51 35.1 16.6 56.6

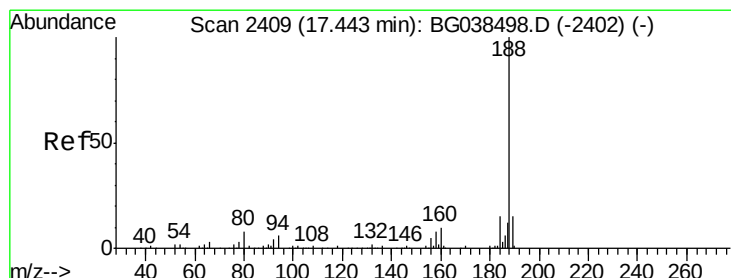
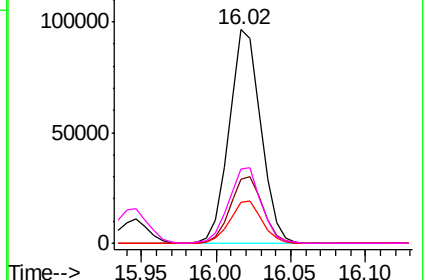
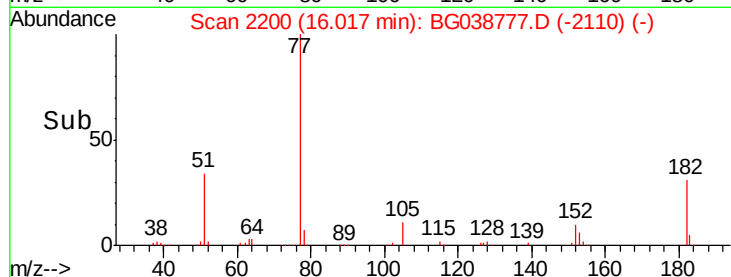


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG038777.D

Acq: 21 Dec 2018 00:48

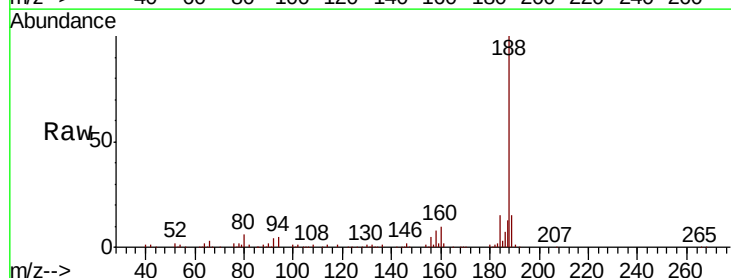
Tgt Ion: 188 Resp: 156011

Ion Ratio Lower Upper

188 100

94 5.5 5.1 7.7

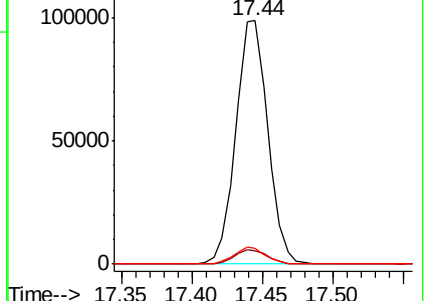
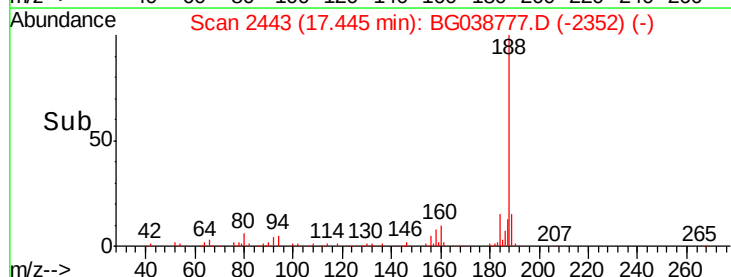
80 6.2 6.1 9.1

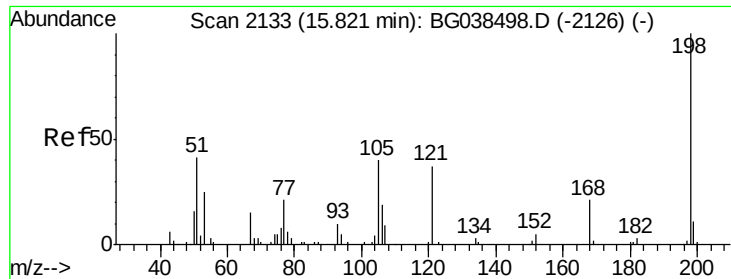


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

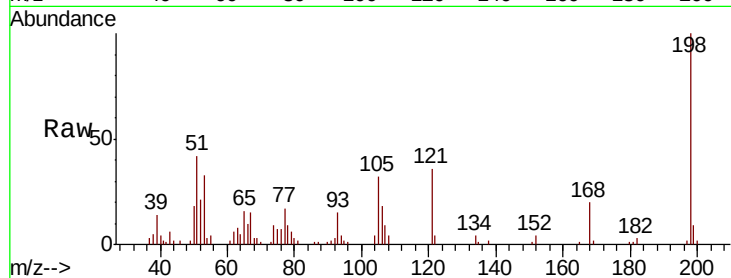




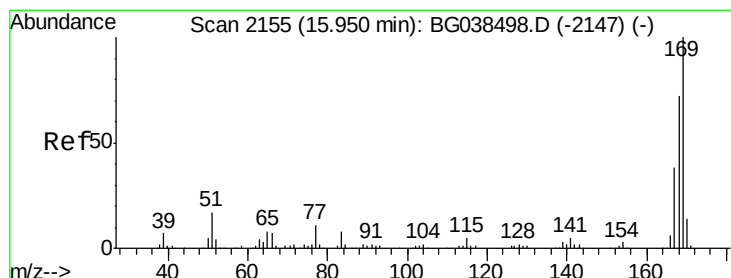
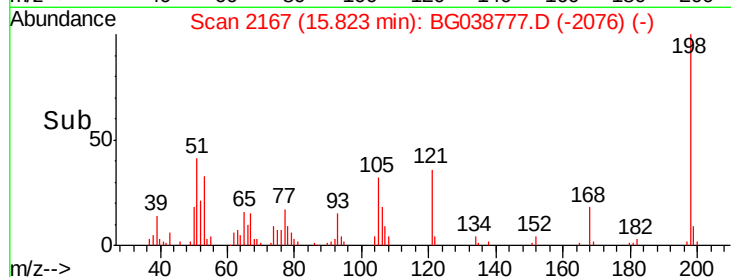
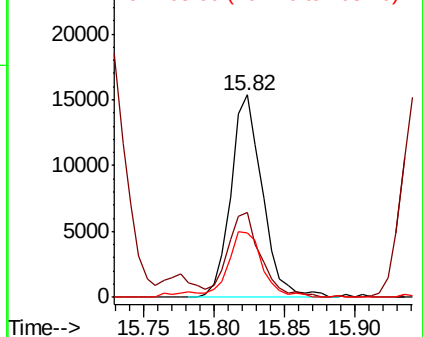
#65
 4,6-Dinitro-2-methylphenol
 Concen: 21.447 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BS

Tgt Ion:198 Resp: 23869
 Ion Ratio Lower Upper
 198 100
 51 41.8 28.6 68.6
 105 31.7 20.4 60.4

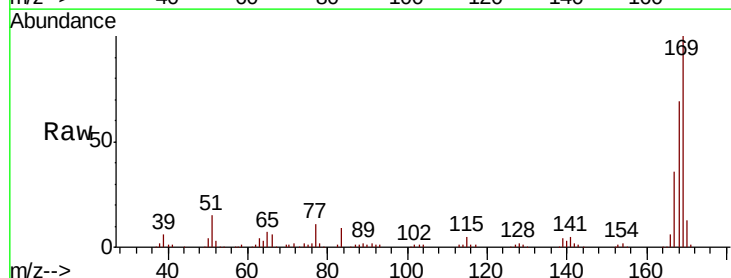


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

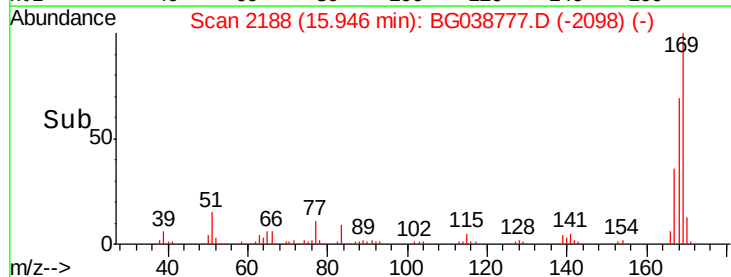
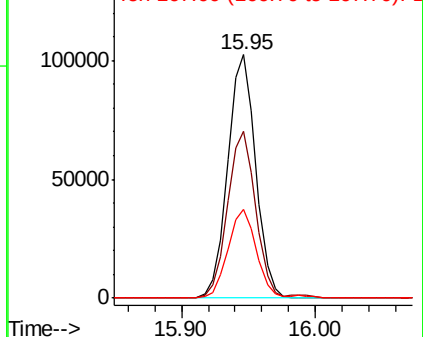


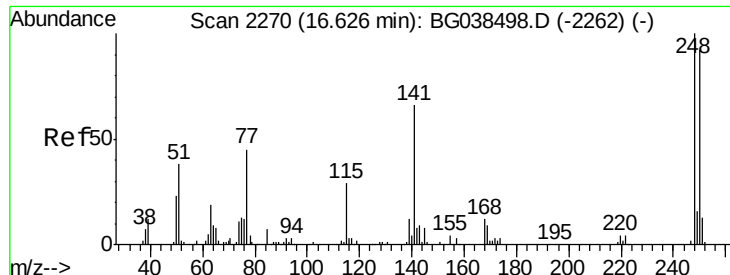
#66
 n-Nitrosodiphenylamine
 Concen: 32.638 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Tgt Ion:169 Resp: 149610
 Ion Ratio Lower Upper
 169 100
 168 68.7 57.5 86.3
 167 36.3 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: 31.711 ng

RT: 16.62 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

Instrument :

BNA_G

ClientSampleId :

PB115875BS

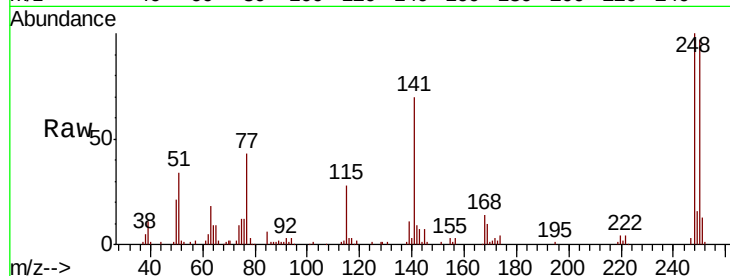
Tgt Ion:248 Resp: 60420

Ion Ratio Lower Upper

248 100

250 97.1 73.4 110.2

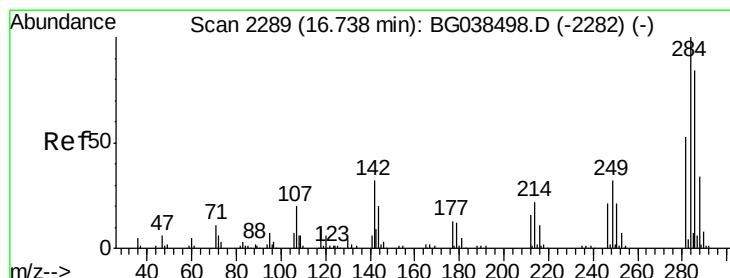
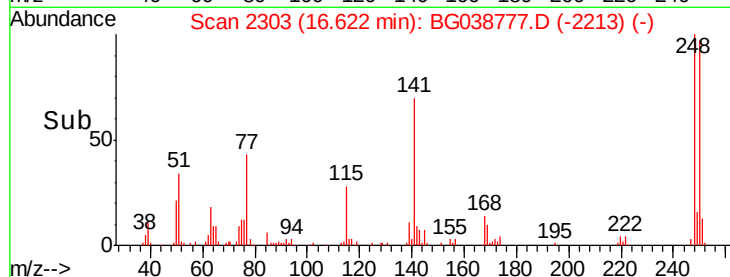
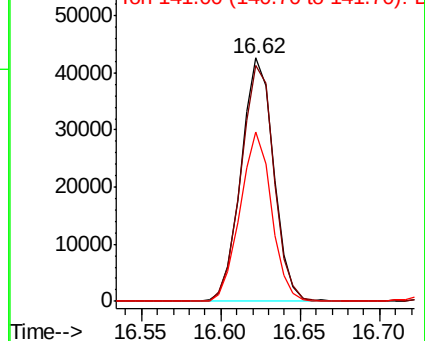
141 69.8 52.9 79.3



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: 32.599 ng

RT: 16.74 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

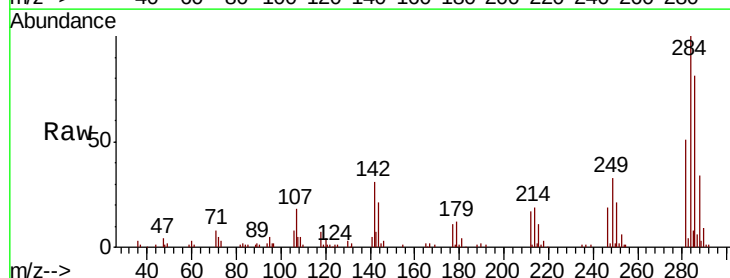
Tgt Ion:284 Resp: 64387

Ion Ratio Lower Upper

284 100

142 31.2 25.8 38.6

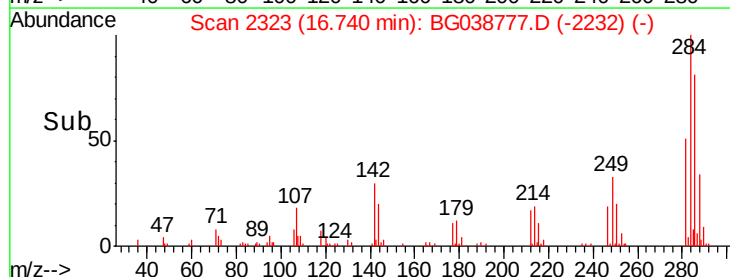
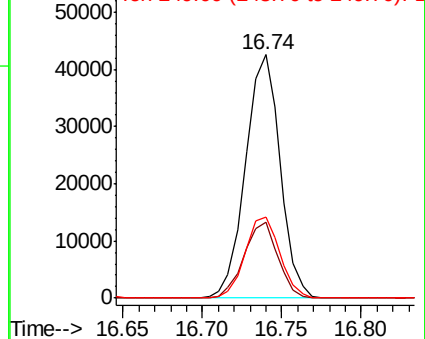
249 35.5 27.0 40.4

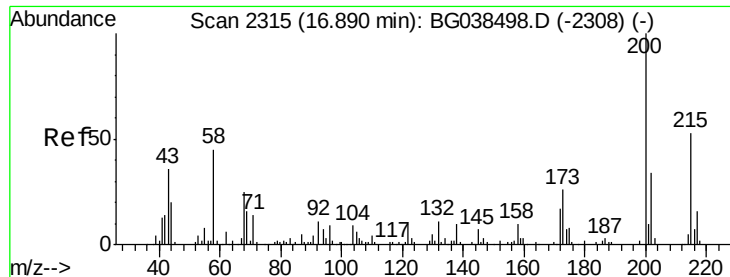


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 35.471 ng

RT: 16.89 min Scan# 2348

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

Instrument :

BNA_G

ClientSampleId :

PB115875BS

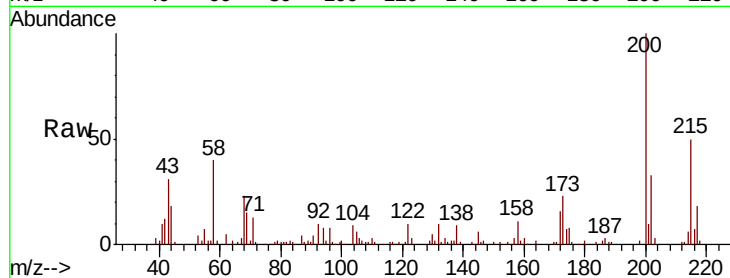
Tgt Ion:200 Resp: 60342

Ion Ratio Lower Upper

200 100

173 23.4 5.9 45.9

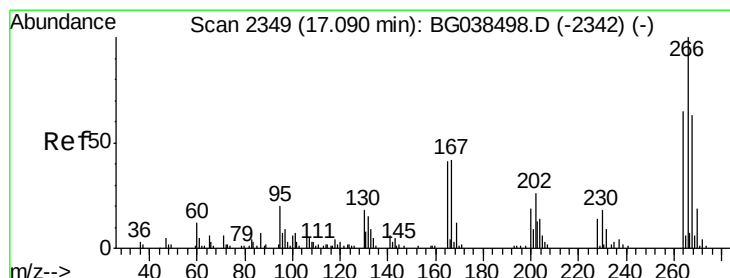
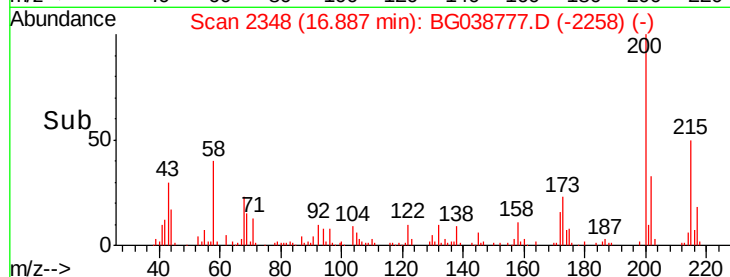
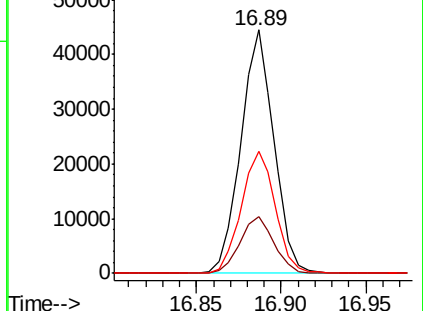
215 49.9 33.1 73.1



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: 46.881 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

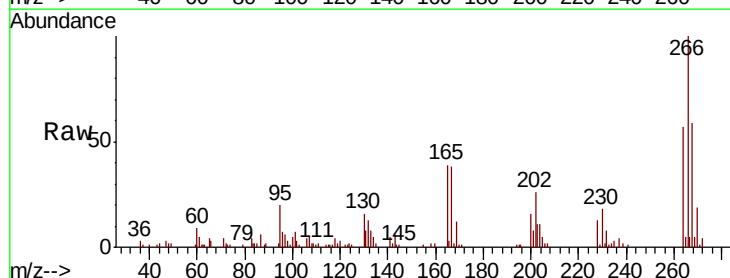
Tgt Ion:266 Resp: 54768

Ion Ratio Lower Upper

266 100

268 63.5 55.0 82.6

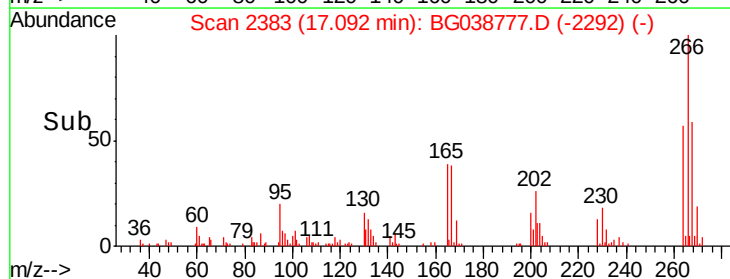
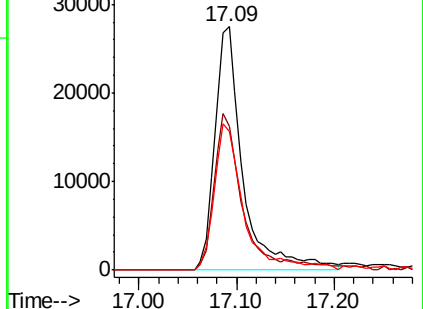
264 62.0 56.7 85.1

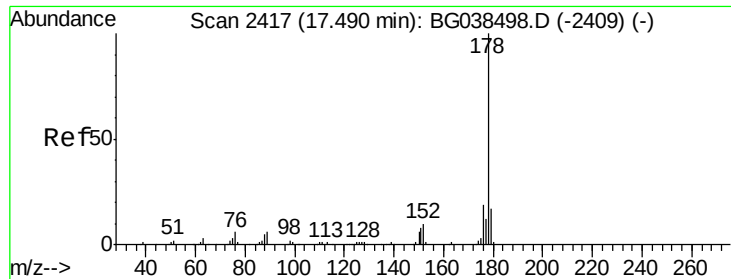


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

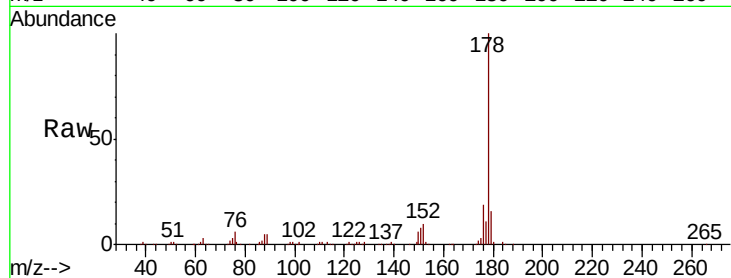




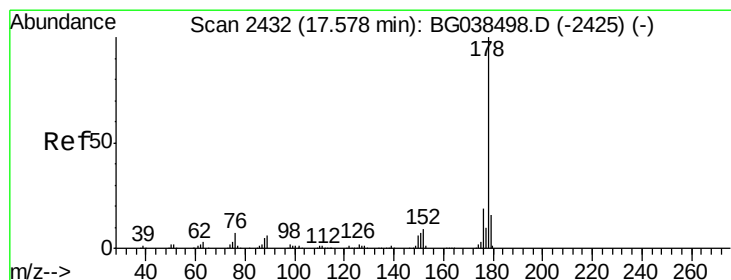
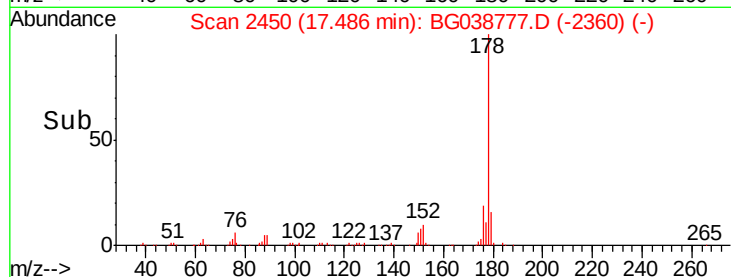
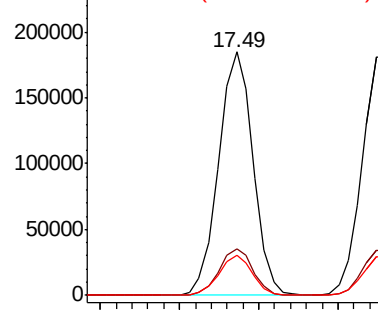
#71
Phenanthrene
Concen: 34.370 ng
RT: 17.49 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Instrument :
BNA_G
ClientSampleId :
PB115875BS

Tgt Ion:178 Resp: 278061
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 16.3 13.2 19.8

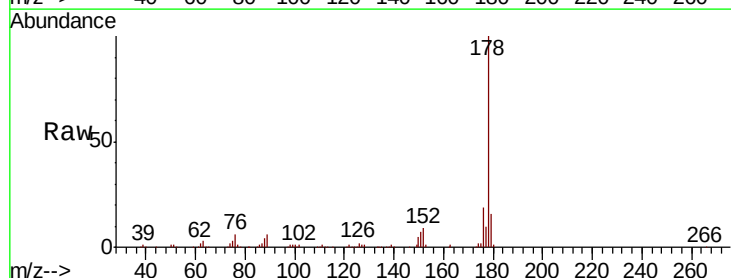


Abundance Ion 178.00 (177.70 to 178.70): E
250000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

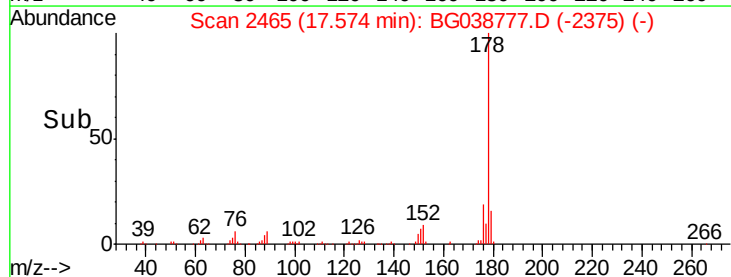
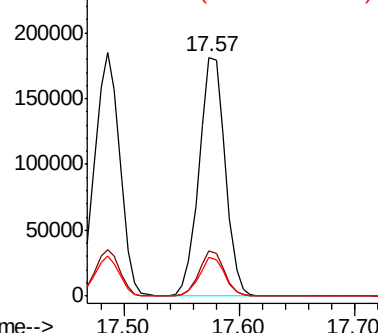


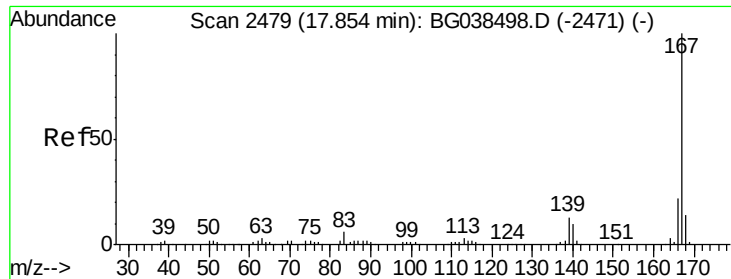
#72
Anthracene
Concen: 35.593 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Tgt Ion:178 Resp: 284273
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 16.5 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
250000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

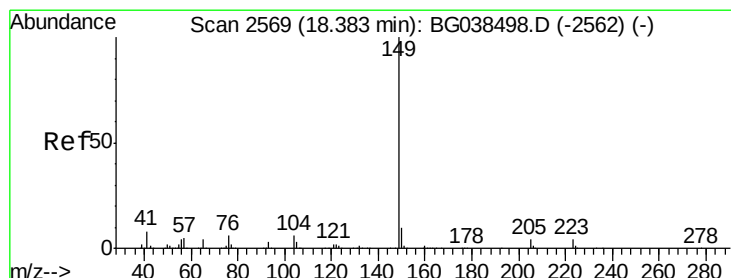
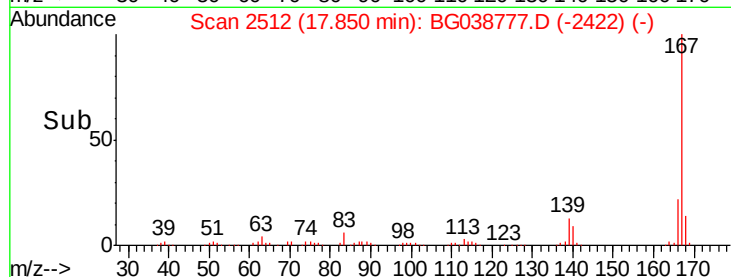
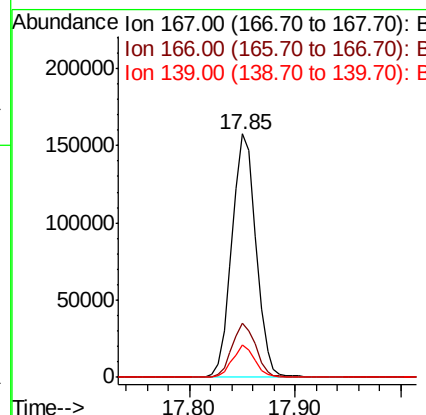
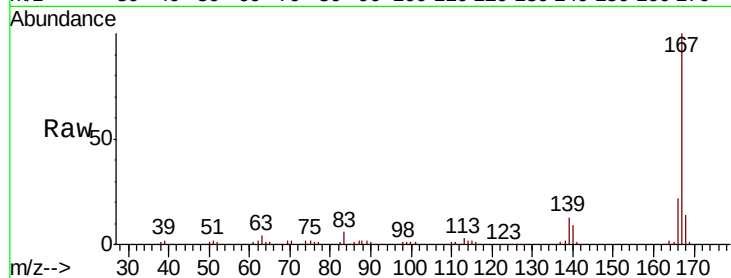




#73
 Carbazole
 Concen: 31.410 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

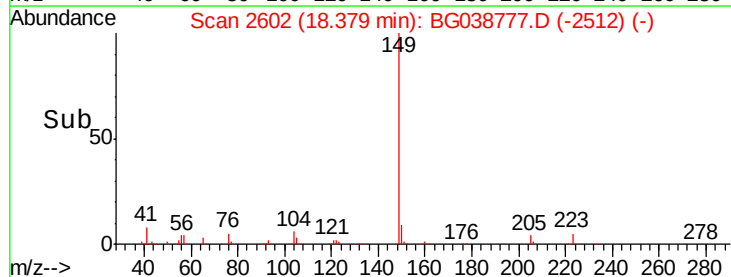
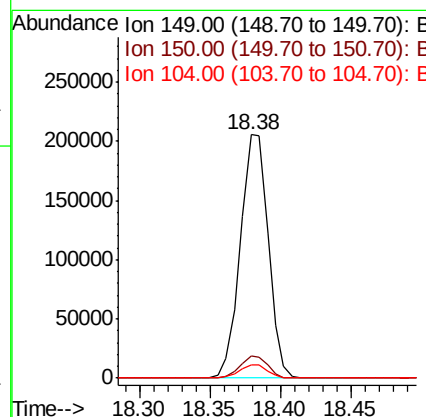
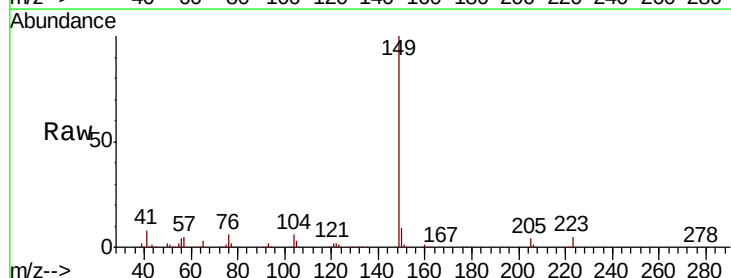
Instrument :
 BNA_G
 ClientSampleId :
 PB115875BS

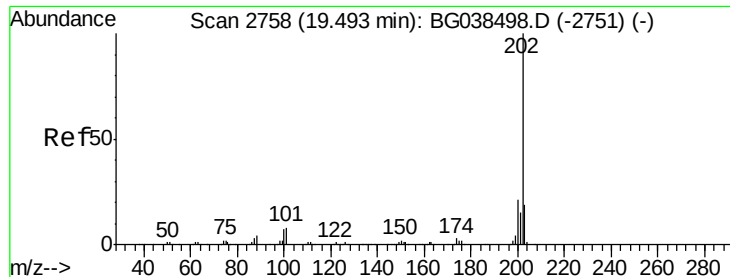
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.9	26.9
139	13.1	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 31.307 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: BG038777.D
 Acq: 21 Dec 2018 00:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	5.5	5.0	7.4





#75

Fluoranthene

Concen: 31.697 ng

RT: 19.50 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

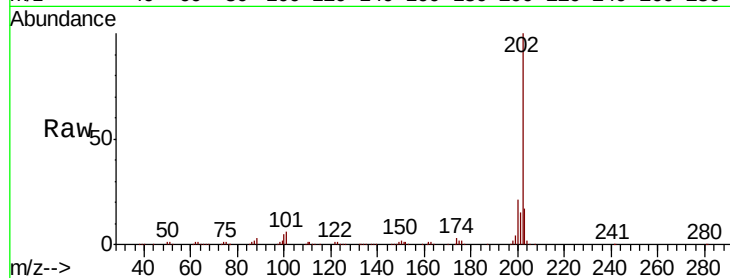
Instrument :

BNA_G

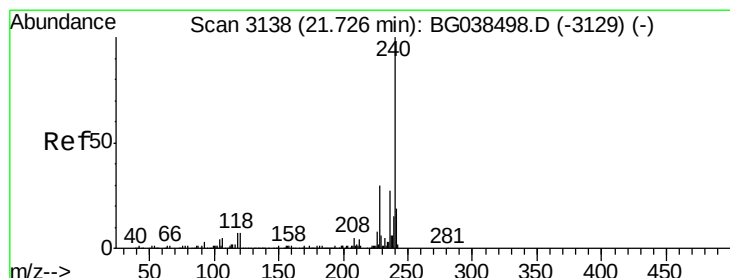
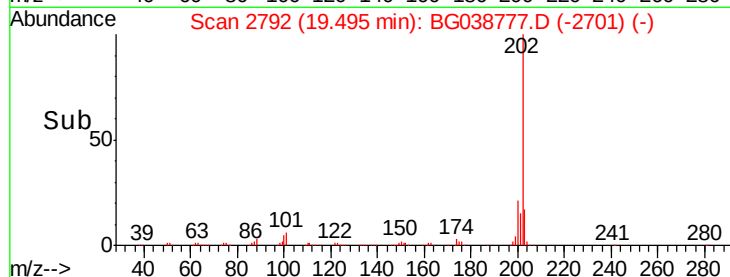
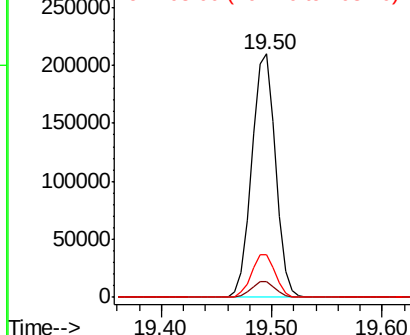
ClientSampleId :

PB115875BS

Tgt Ion:	202	Resp:	317277
Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	28.1
203	17.4	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

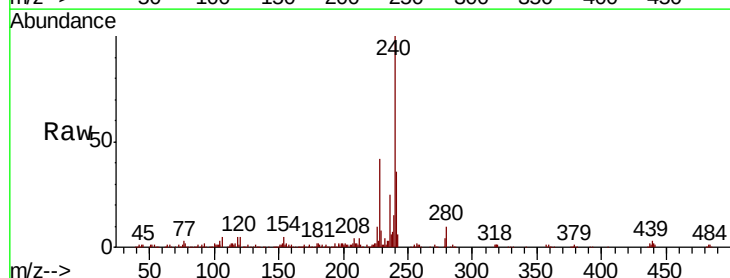
RT: 21.72 min Scan# 3171

Delta R.T. -0.00 min

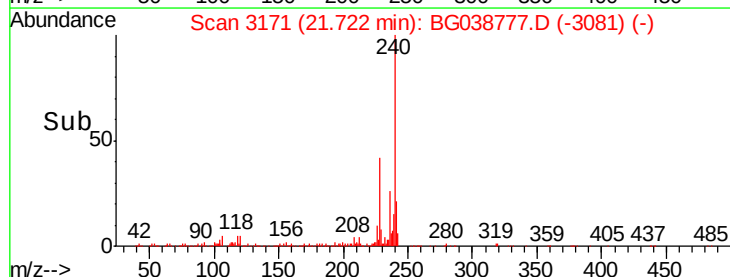
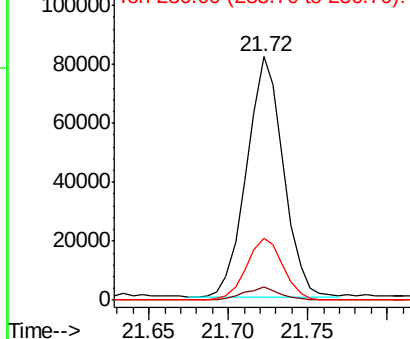
Lab File: BG038777.D

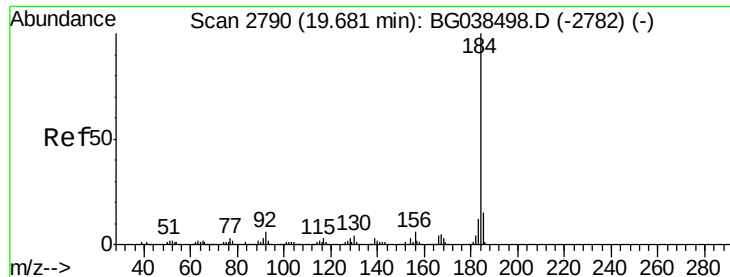
Acq: 21 Dec 2018 00:48

Tgt Ion:	240	Resp:	131044
Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.3	7.9
236	25.3	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: 29.352 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

Instrument :

BNA_G

ClientSampleId :

PB115875BS

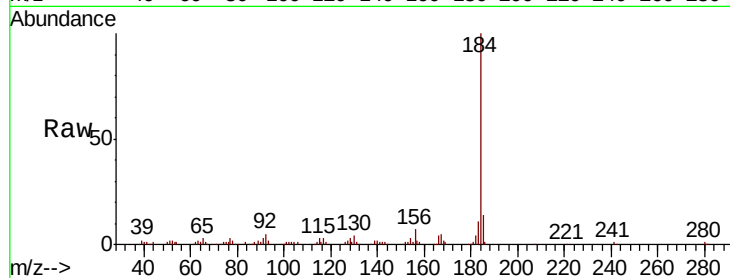
Tgt Ion:184 Resp: 113753

Ion Ratio Lower Upper

184 100

185 13.5 12.2 18.2

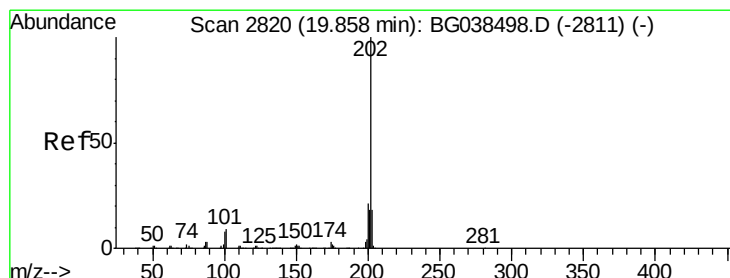
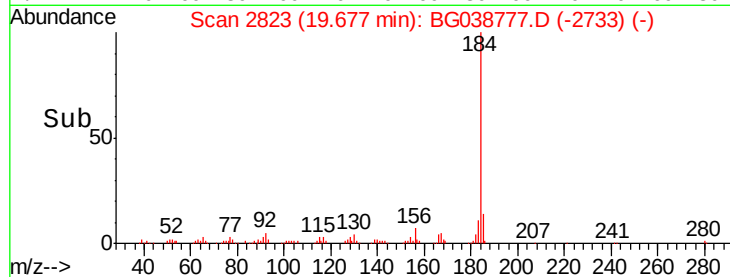
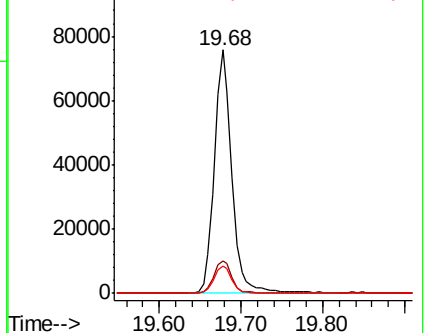
183 11.0 9.6 14.4



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: 36.934 ng

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

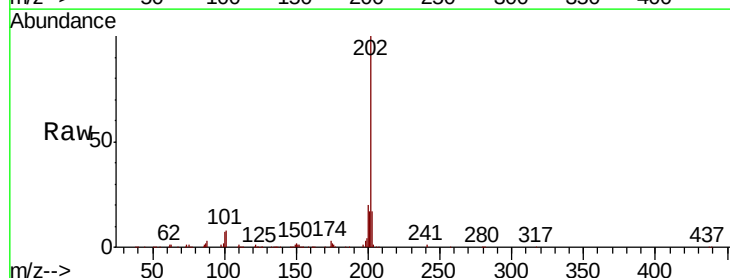
Tgt Ion:202 Resp: 319745

Ion Ratio Lower Upper

202 100

200 19.5 16.6 25.0

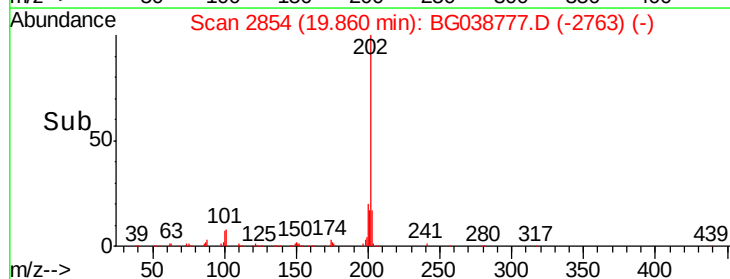
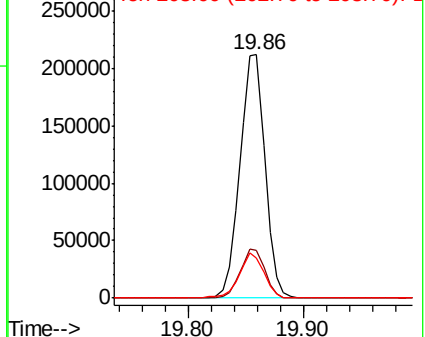
203 16.6 14.6 21.8

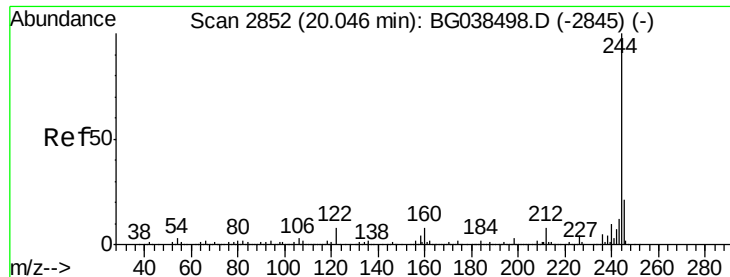


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.917 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

Instrument :

BNA_G

ClientSampleId :

PB115875BS

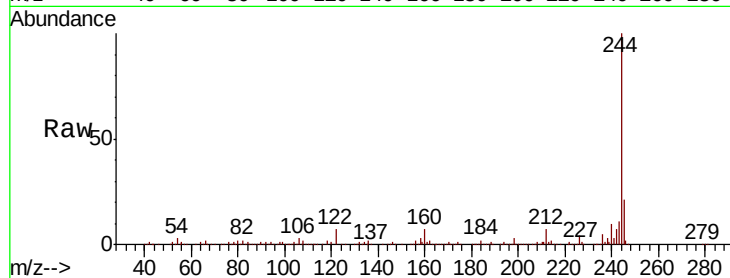
Tgt Ion:244 Resp: 445080

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

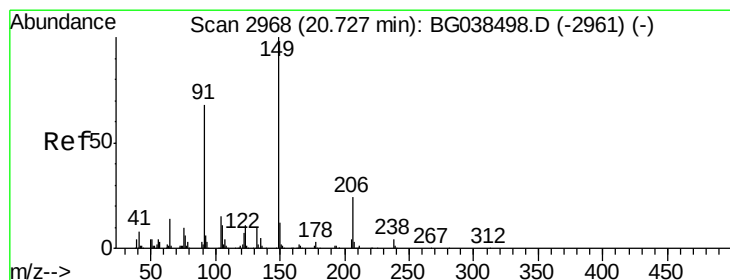
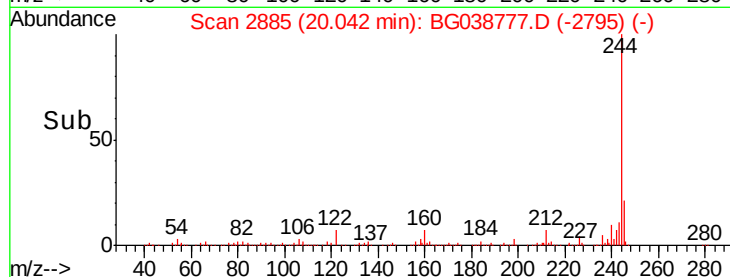
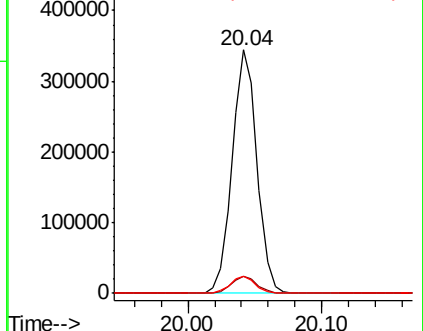
122 6.9 6.3 9.5



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: 32.013 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

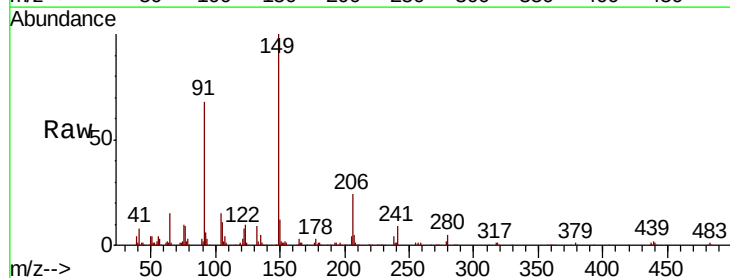
Tgt Ion:149 Resp: 108276

Ion Ratio Lower Upper

149 100

91 68.4 54.5 81.7

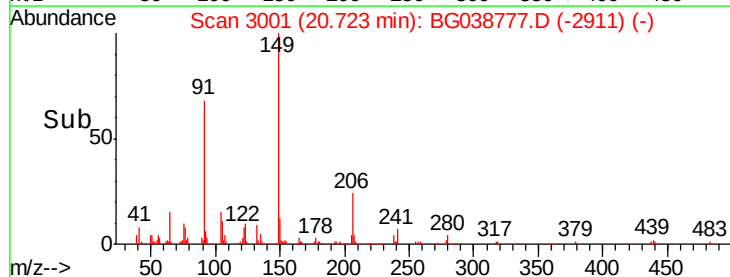
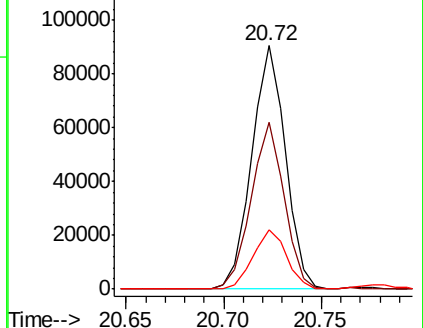
206 24.2 19.0 28.6

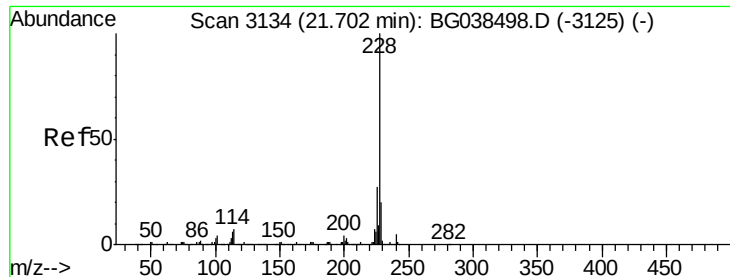


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.986 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

Instrument :

BNA_G

ClientSampleId :

PB115875BS

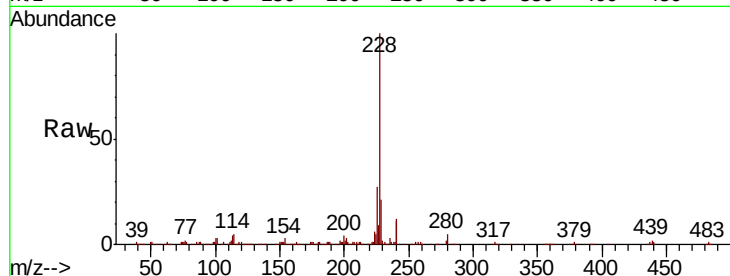
Tgt Ion:228 Resp: 271386

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

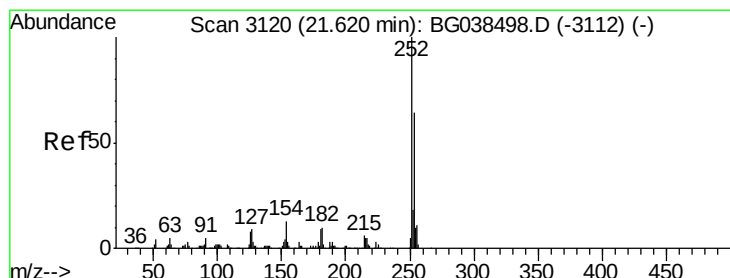
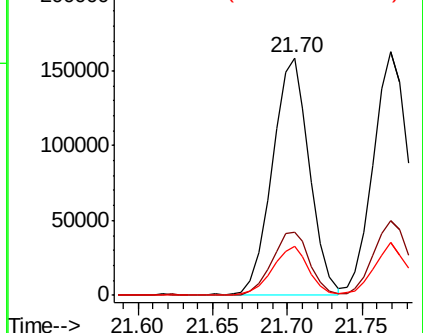
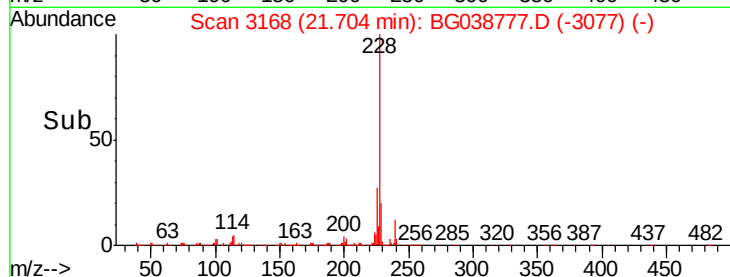
229 20.6 15.8 23.6



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: 15.675 ng

RT: 21.62 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

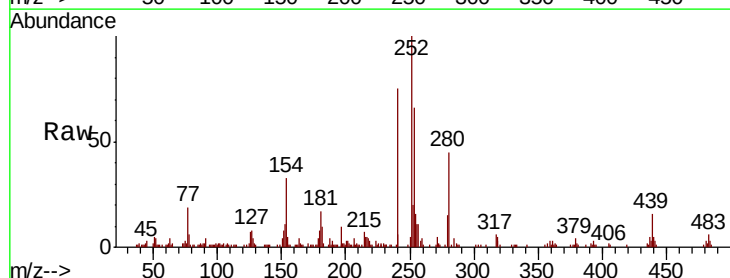
Tgt Ion:252 Resp: 49642

Ion Ratio Lower Upper

252 100

254 66.0 50.9 76.3

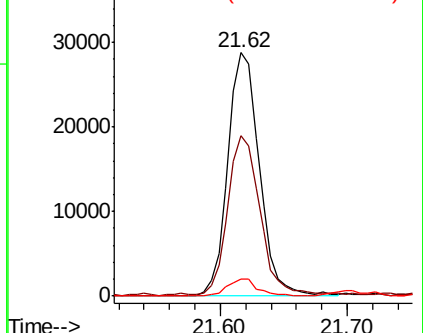
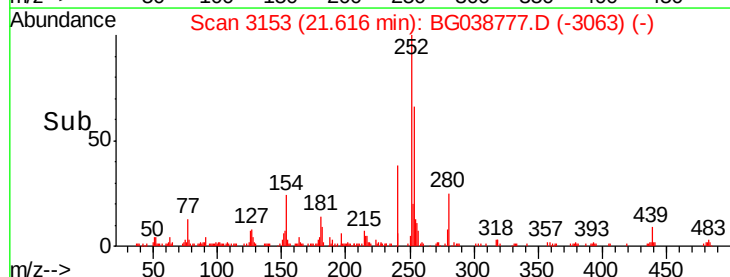
126 7.3 6.3 9.5

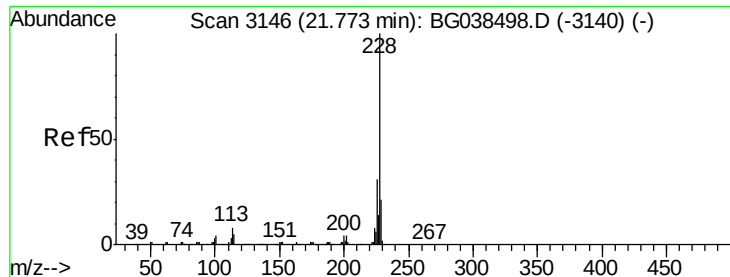


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.023 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

Instrument :

BNA_G

ClientSampleId :

PB115875BS

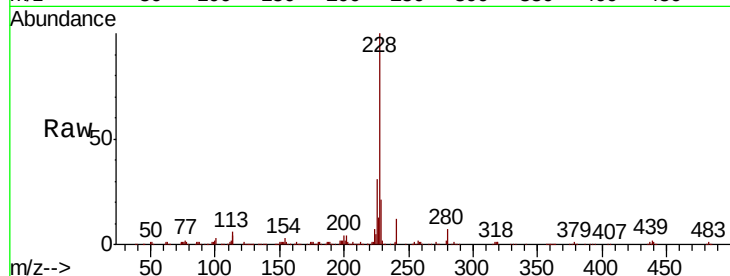
Tgt Ion:228 Resp: 261681

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.4

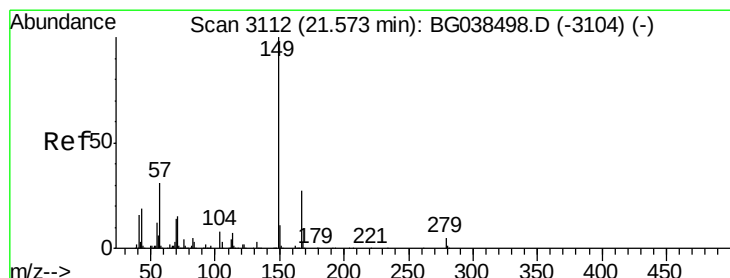
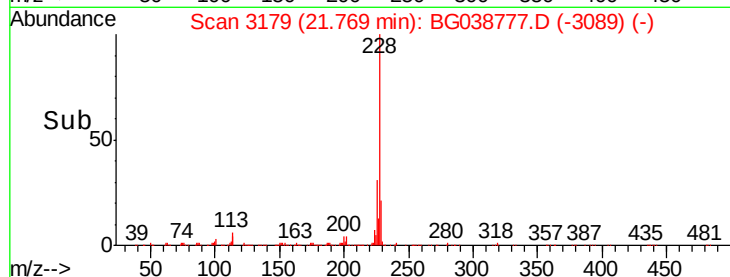
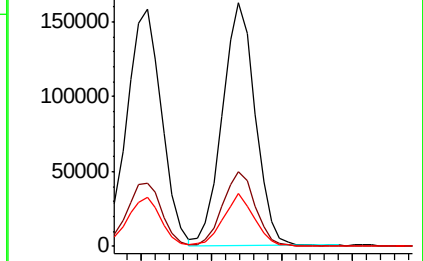
229 21.5 16.5 24.7



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: 28.830 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

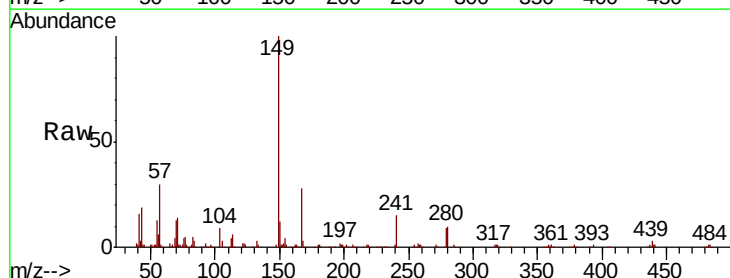
Tgt Ion:149 Resp: 138294

Ion Ratio Lower Upper

149 100

167 27.8 21.9 32.9

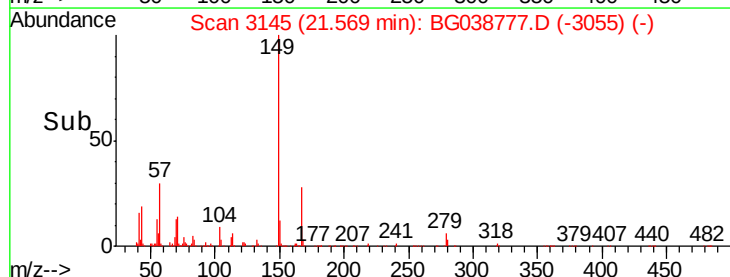
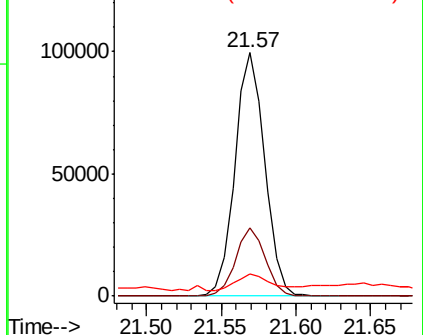
279 9.2 4.2 6.2#

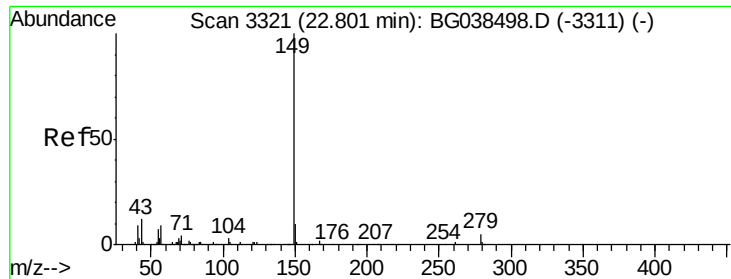


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 30.815 ng

RT: 22.80 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

Instrument :

BNA_G

ClientSampleId :

PB115875BS

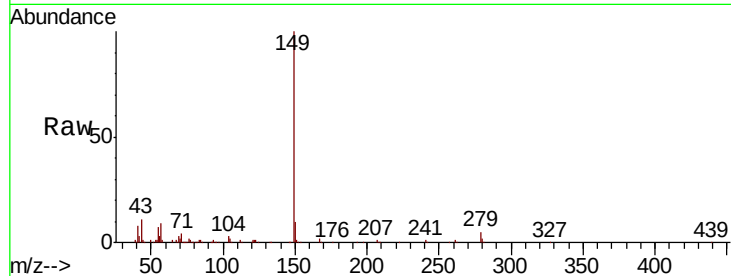
Tgt Ion:149 Resp: 247561

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

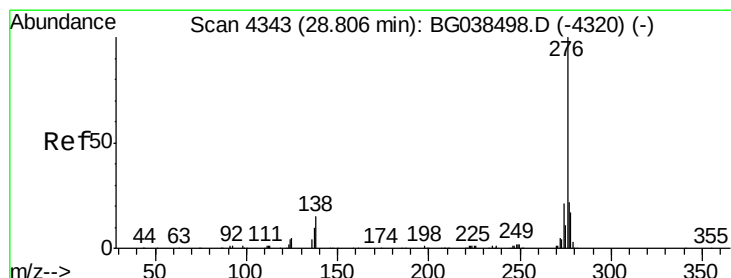
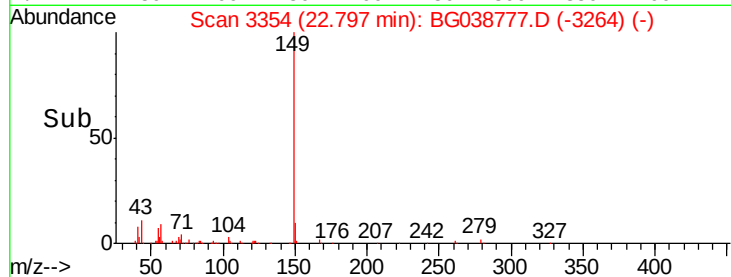
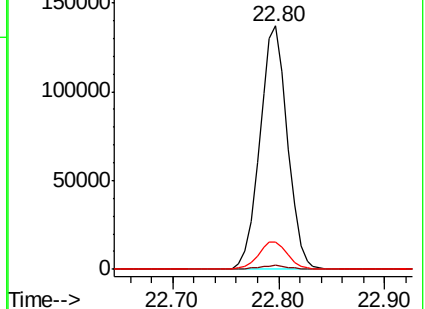
43 11.8 9.3 13.9



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: 39.471 ng

RT: 28.80 min Scan# 4376

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

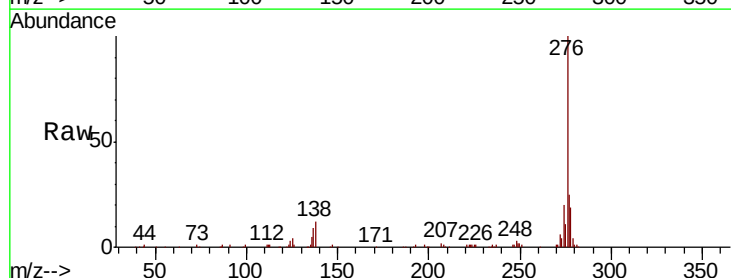
Tgt Ion:276 Resp: 356906

Ion Ratio Lower Upper

276 100

138 15.1 14.4 21.6

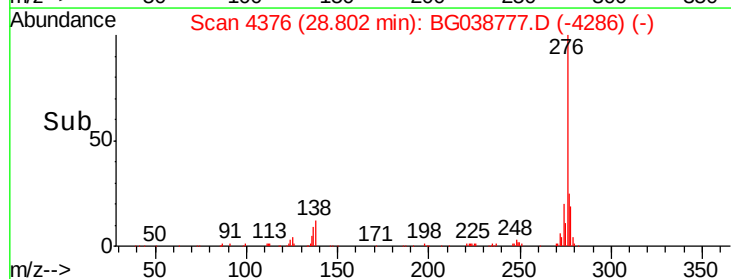
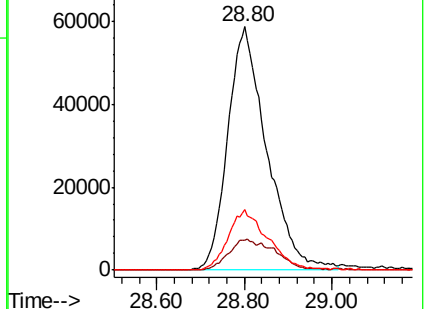
277 24.7 0.0 0.0#

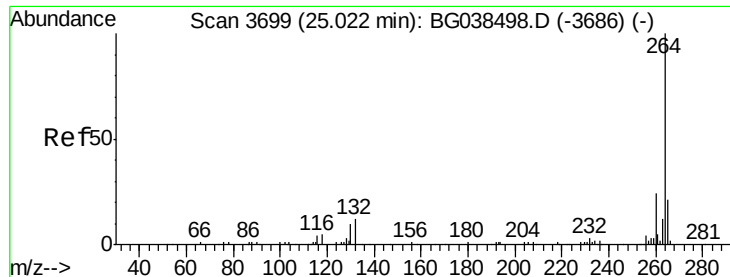


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



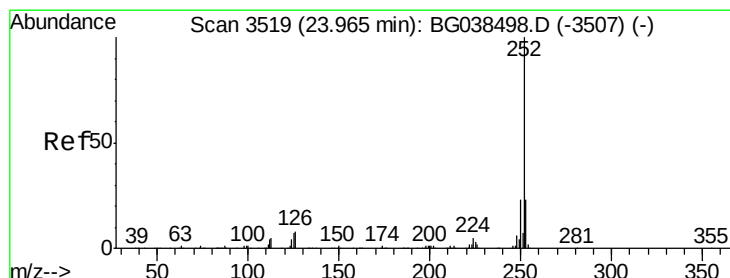
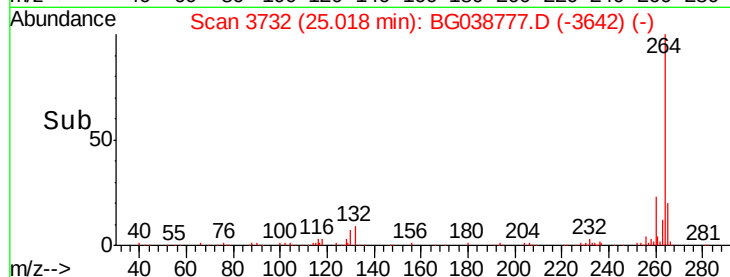
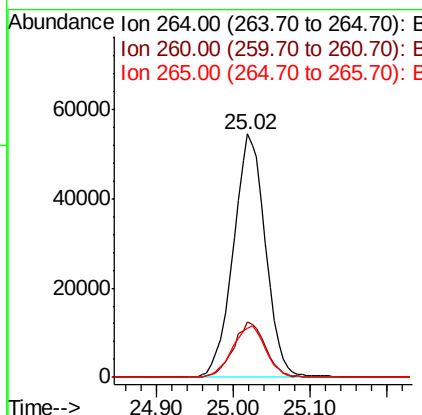
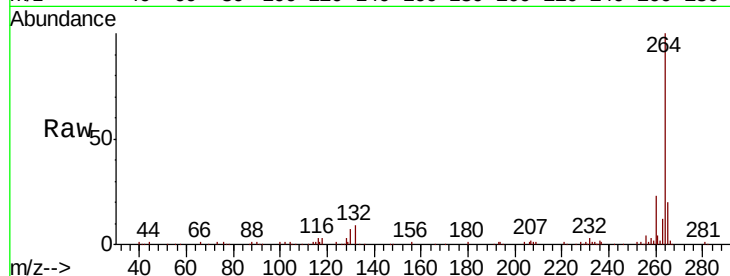


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Instrument :
BNA_G
ClientSampleId :
PB115875BS

Tgt Ion: 264 Resp: 158590

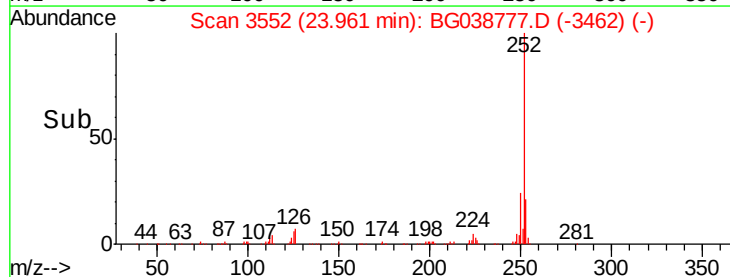
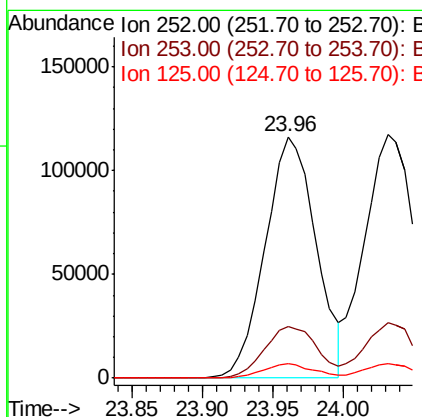
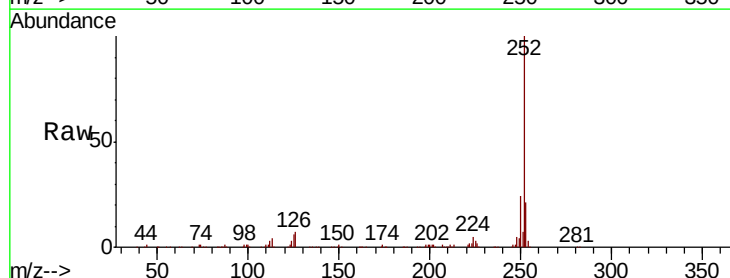
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	19.9	17.0	25.4

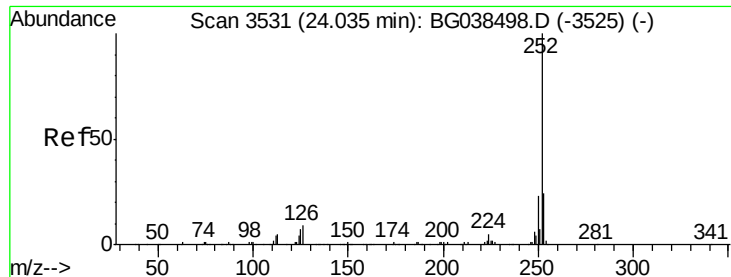


#88
Benzo(b)fluoranthene
Concen: 33.660 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BG038777.D
Acq: 21 Dec 2018 00:48

Tgt Ion: 252 Resp: 293084

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	5.9	5.5	8.3





#89

Benzo(k)fluoranthene

Concen: 33.953 ng

RT: 24.03 min Scan# 3564

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

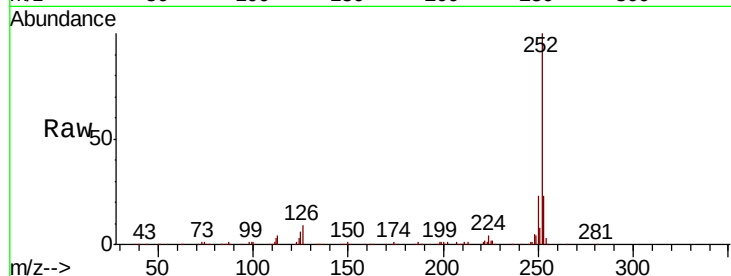
Instrument :

BNA_G

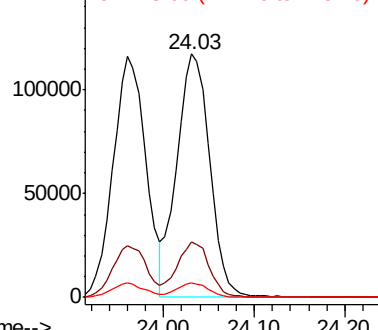
ClientSampleId :

PB115875BS

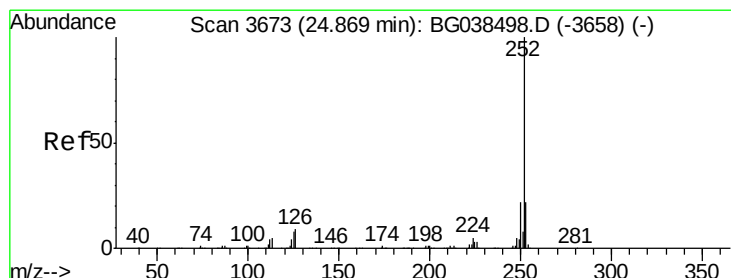
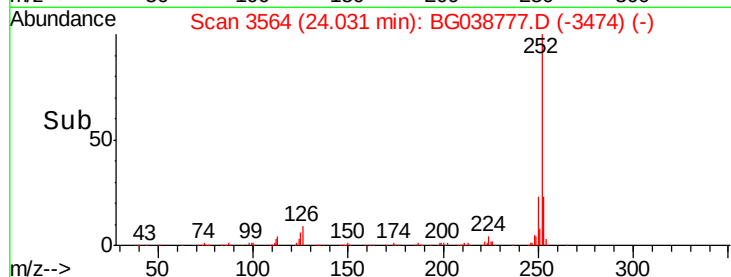
Tgt Ion:	252	Resp:	294394
Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.9	28.3
125	5.9	5.4	8.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Benzo(a)pyrene

Concen: 34.953 ng

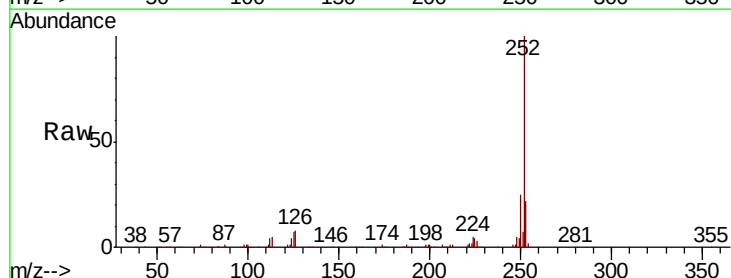
RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

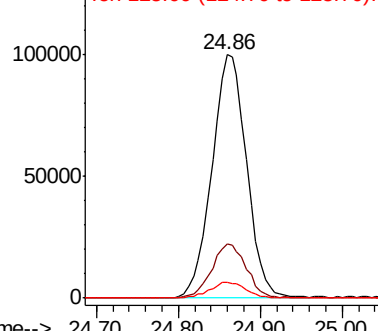
Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

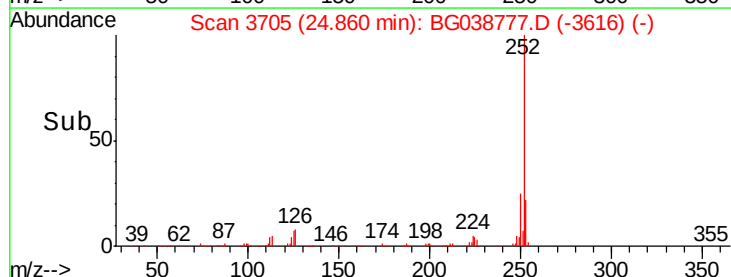
Tgt Ion:	252	Resp:	293610
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	6.6	6.4	9.6

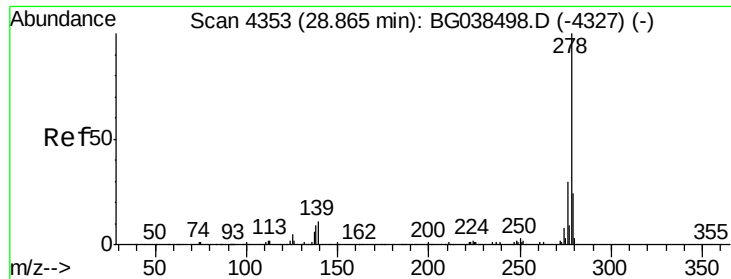


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#91

Dibenzo(a,h)anthracene

Concen: 34.860 ng

RT: 28.86 min Scan# 4386

Delta R.T. -0.00 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

Instrument :

BNA_G

ClientSampleId :

PB115875BS

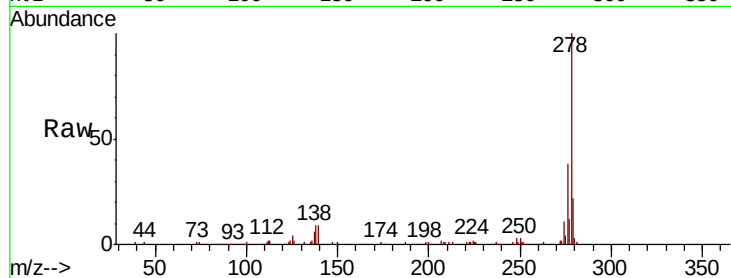
Tgt Ion:278 Resp: 291568

Ion Ratio Lower Upper

278 100

139 9.4 8.6 12.8

279 22.4 19.0 28.6

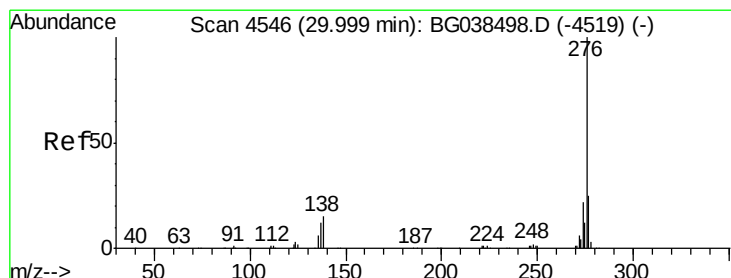
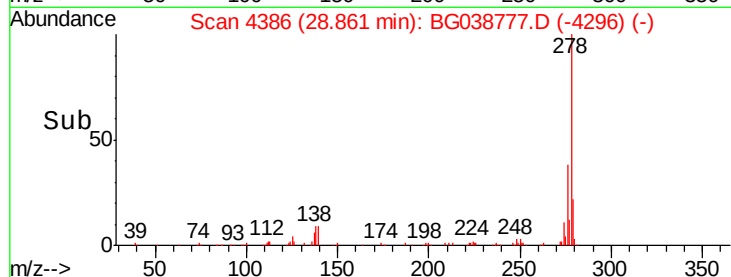
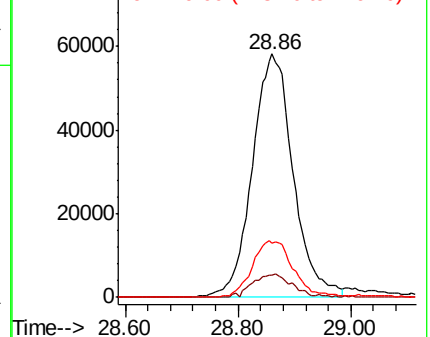


Abundance

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: 35.845 ng

RT: 29.98 min Scan# 4577

Delta R.T. -0.02 min

Lab File: BG038777.D

Acq: 21 Dec 2018 00:48

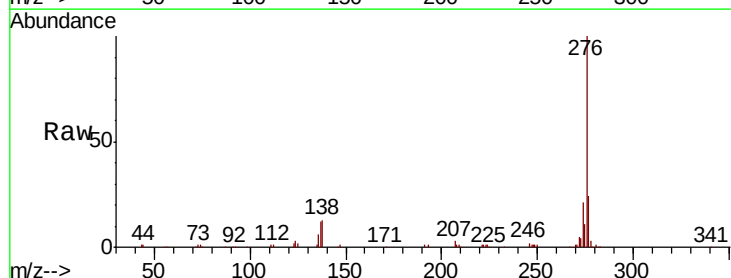
Tgt Ion:276 Resp: 295459

Ion Ratio Lower Upper

276 100

277 23.7 19.8 29.8

138 12.6 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

