

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038844.D
 Acq On : 27 Dec 2018 15:25
 Operator : JU/SJ
 Sample : PB116010BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

Quant Time: Dec 28 00:27:27 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	8.05	152	19532	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	81038	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	61011	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	164678	20.00	ng	0.00
76) Chrysene-d12	21.72	240	164056	20.00	ng	0.00
87) Perylene-d12	25.02	264	175580	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	137225	124.61	ng	0.00
7) Phenol-d6	7.21	99	190965	126.32	ng	0.00
23) Nitrobenzene-d5	9.23	82	97215	61.29	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	123170	146.48	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	284674	64.01	ng	0.00
79) Terphenyl-d14	20.04	244	627069	83.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	21224	41.411	ng	93
3) Pyridine	3.89	79	42813	30.340	ng	96
4) n-Nitrosodimethylamine	3.81	42	25550	36.953	ng	89
6) Aniline	7.38	93	61494	31.864	ng	97
8) 2-Chlorophenol	7.61	128	59413	46.621	ng	93
9) Benzaldehyde	7.20	77	14708	14.997	ng	94
10) Phenol	7.24	94	75454	46.979	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	45319	35.441	ng	94
12) 1,3-Dichlorobenzene	7.94	146	58921	39.103	ng	98
13) 1,4-Dichlorobenzene	8.09	146	60498	39.203	ng	99
14) 1,2-Dichlorobenzene	8.41	146	58081	39.922	ng	98
15) Benzyl Alcohol	8.30	79	52761	44.713	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	97039	33.128	ng	95
17) 2-Methylphenol	8.49	107	52680	48.956	ng	98
18) Hexachloroethane	9.13	117	21160	37.524	ng	87
19) n-Nitroso-di-n-propylamine	8.86	70	42121	39.670	ng	92
20) 3+4-Methylphenols	8.83	107	72893	49.050	ng	96
22) Acetophenone	8.89	105	83515	41.259	ng	# 95
24) Nitrobenzene	9.28	77	63171	39.366	ng	98
25) Isophorone	9.79	82	120177	42.166	ng	97
26) 2-Nitrophenol	9.99	139	35519	43.246	ng	# 88
27) 2,4-Dimethylphenol	10.03	122	63218	53.707	ng	96
28) bis(2-Chloroethoxy)methane	10.27	93	68525	42.605	ng	97
29) 2,4-Dichlorophenol	10.52	162	70480	53.822	ng	94
30) 1,2,4-Trichlorobenzene	10.73	180	68884	43.549	ng	99
31) Naphthalene	10.92	128	183394	45.931	ng	99
32) Benzoic acid	10.18	122	31417	43.286	ng	# 89
33) 4-Chloroaniline	11.04	127	50063	28.880	ng	95
34) Hexachlorobutadiene	11.19	225	46256	43.218	ng	93
35) Caprolactam	11.83	113	25266	46.622	ng	# 84
36) 4-Chloro-3-methylphenol	12.15	107	73581	49.239	ng	93
37) 2-Methylnaphthalene	12.52	142	143183	50.266	ng	98
38) 1-Methylnaphthalene	12.74	142	138629	50.153	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	90359	39.621	ng	99

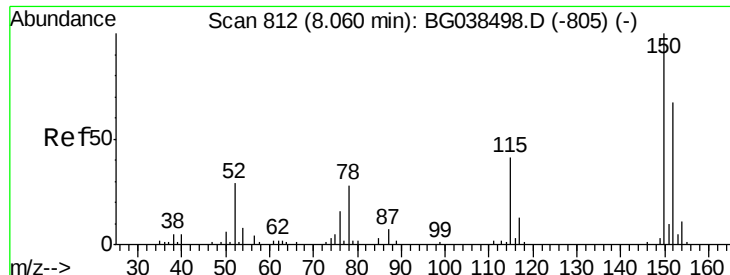
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038844.D
 Acq On : 27 Dec 2018 15:25
 Operator : JU/SJ
 Sample : PB116010BS
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Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

Quant Time: Dec 28 00:27:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	111185	88.740	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	65924	47.013	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	73457	49.478	ng	95
46) 1,1'-Biphenyl	13.52	154	195275	38.179	ng	99
47) 2-Chloronaphthalene	13.58	162	161267	40.819	ng	99
48) 2-Nitroaniline	13.79	65	51967	41.295	ng	92
49) Acenaphthylene	14.42	152	267598	45.307	ng	99
50) Dimethylphthalate	14.14	163	220633	44.283	ng	100
51) 2,6-Dinitrotoluene	14.28	165	50300	44.549	ng	90
52) Acenaphthene	14.76	154	152150	43.080	ng	95
53) 3-Nitroaniline	14.62	138	37833	32.870	ng	90
54) 2,4-Dinitrophenol	14.82	184	52868	78.779	ng	98
55) Dibenzofuran	15.09	168	266808	44.071	ng	97
56) 4-Nitrophenol	14.92	139	77421	88.668	ng	97
57) 2,4-Dinitrotoluene	15.06	165	73626	46.298	ng	91
58) Fluorene	15.74	166	218105	48.627	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	69796	52.253	ng	95
60) Diethylphthalate	15.50	149	231421	42.311	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	123918	44.280	ng	98
62) 4-Nitroaniline	15.78	138	55109	46.508	ng	93
63) Azobenzene	16.02	77	186515	40.820	ng	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	46506	39.589	ng	84
66) n-Nitrosodiphenylamine	15.94	169	204051	42.171	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	87279	43.397	ng	99
68) Hexachlorobenzene	16.74	284	91289	43.787	ng	96
69) Atrazine	16.88	200	84808	47.229	ng	98
70) Pentachlorophenol	17.09	266	93913	76.157	ng	91
71) Phenanthrene	17.48	178	390801	45.763	ng	99
72) Anthracene	17.58	178	402875	47.788	ng	98
73) Carbazole	17.85	167	353327	42.378	ng	98
74) Di-n-butylphthalate	18.38	149	403001	42.125	ng	99
75) Fluoranthene	19.49	202	480024	45.431	ng	97
77) Benzidine	19.68	184	218979	45.134	ng	100
78) Pyrene	19.86	202	474412	43.773	ng	100
80) Butylbenzylphthalate	20.72	149	172111	40.647	ng	96
81) Benzo(a)anthracene	21.70	228	452083	45.223	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	130322	32.870	ng	99
83) Chrysene	21.77	228	419354	43.552	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	239110	39.816	ng	97
85) Di-n-octyl phthalate	22.79	149	405958	40.364	ng	97
86) Indeno(1,2,3-cd)pyrene	28.80	276	516627	45.637	ng	# 92
88) Benzo(b)fluoranthene	24.03	252	437575	45.391	ng	99
89) Benzo(k)fluoranthene	24.03	252	437575	45.583	ng	98
90) Benzo(a)pyrene	24.86	252	440006	47.312	ng	# 98
91) Dibenzo(a,h)anthracene	28.86	278	432272	46.682	ng	98
92) Benzo(g,h,i)perylene	30.00	276	429656	47.082	ng	# 94

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

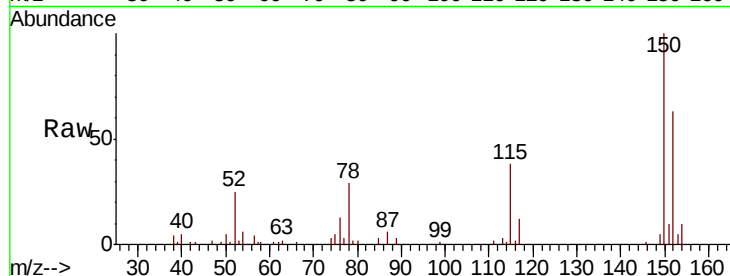


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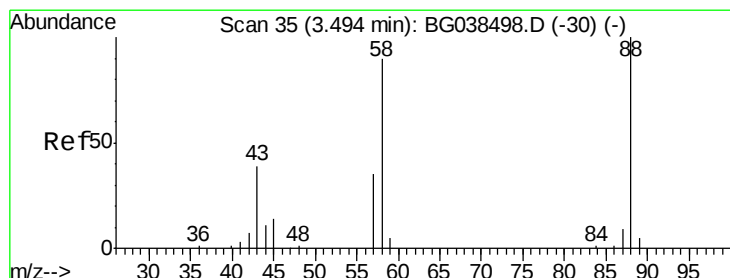
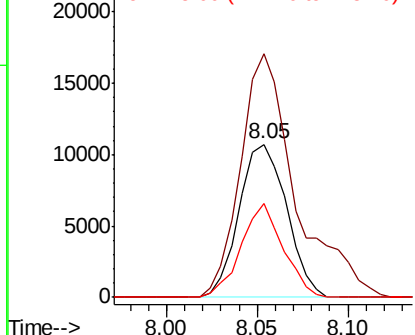
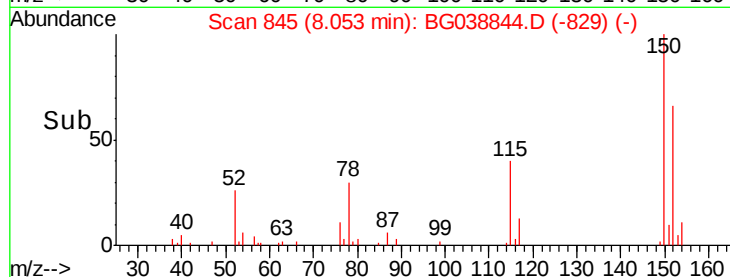
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion:152 Resp: 19532
Ion Ratio Lower Upper
152 100
150 159.0 119.5 179.3
115 61.1 49.6 74.4



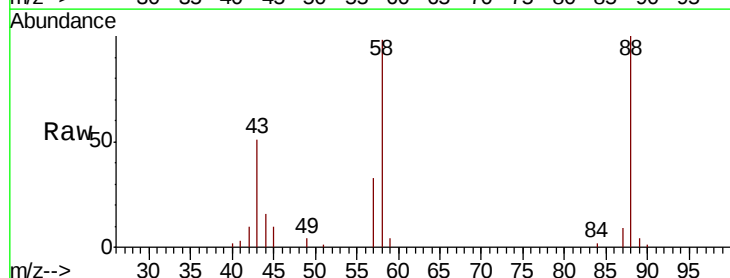
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



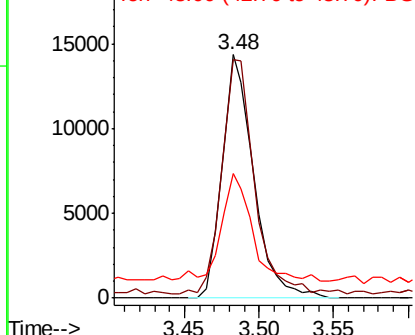
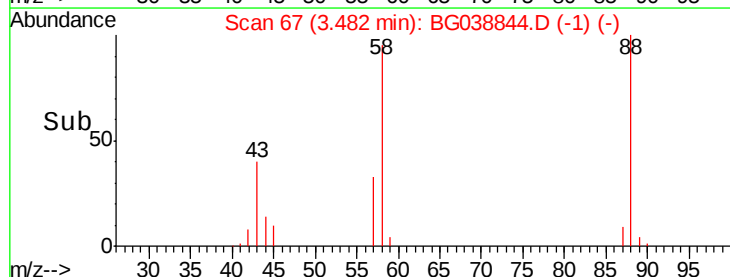
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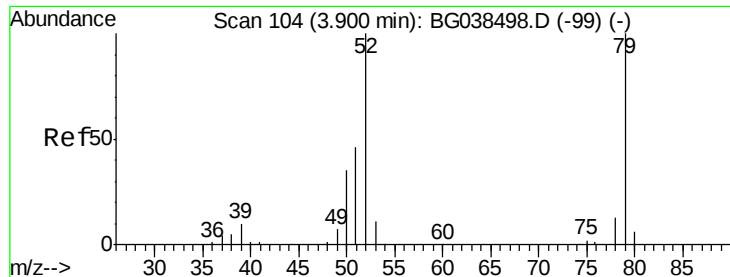
1,4-Dioxane
Concen: 41.411 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion: 88 Resp: 21224
Ion Ratio Lower Upper
88 100
58 101.2 75.7 113.5
43 43.1 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

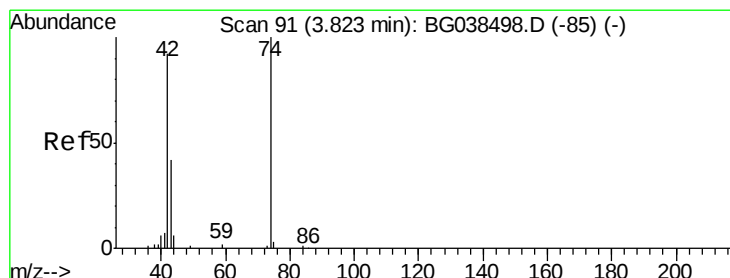
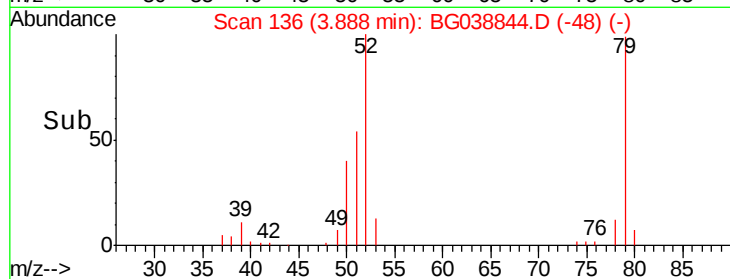
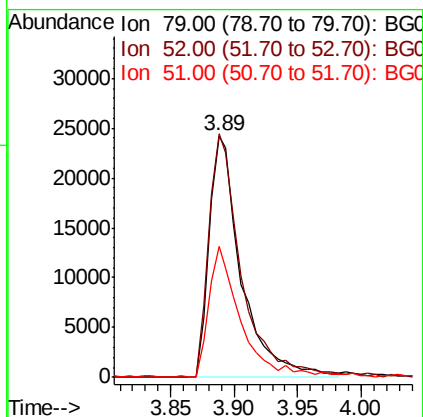
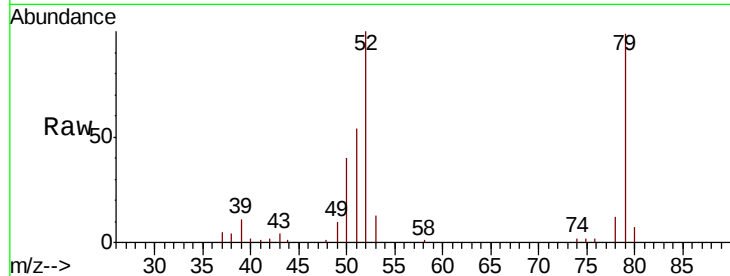




#3
 Pvridine
 Concen: 30.340 ng
 RT: 3.89 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

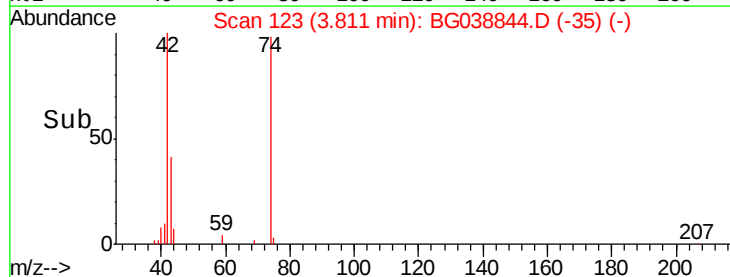
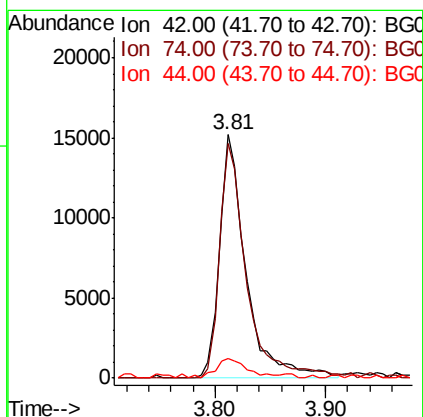
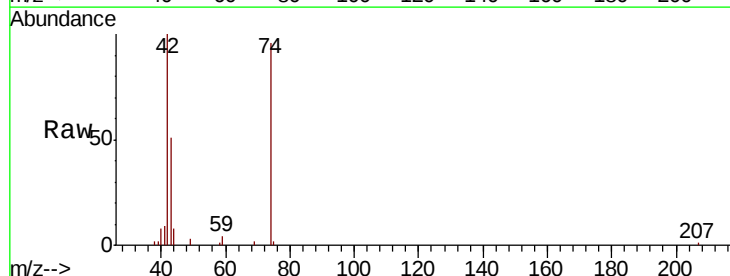
Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

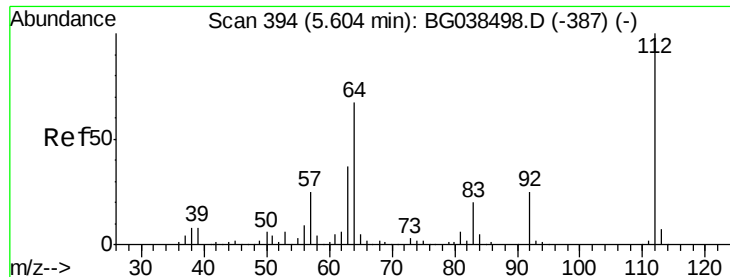
Tot Ion: 79 Resp: 42813
 Ion Ratio Lower Upper
 79 100
 52 100.9 80.2 120.2
 51 54.4 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 36.953 ng
 RT: 3.81 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Tgt Ion: 42 Resp: 25550
 Ion Ratio Lower Upper
 42 100
 74 96.3 86.7 130.1
 44 7.9 7.8 11.8





#5

2-Fluorophenol

Concen: 124.611 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

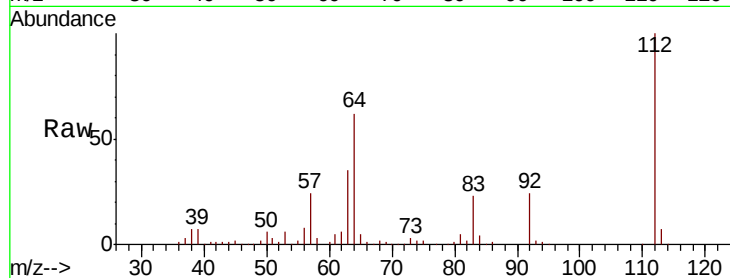
Tot Ion:112 Resp: 137225

Ion Ratio Lower Upper

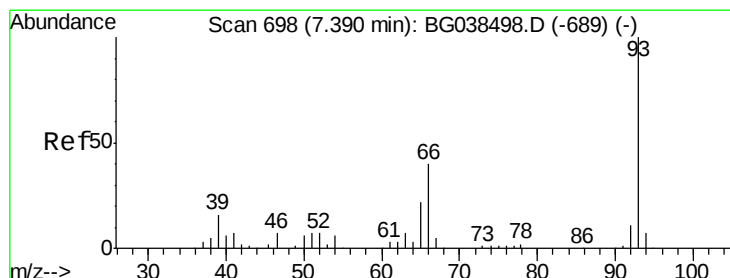
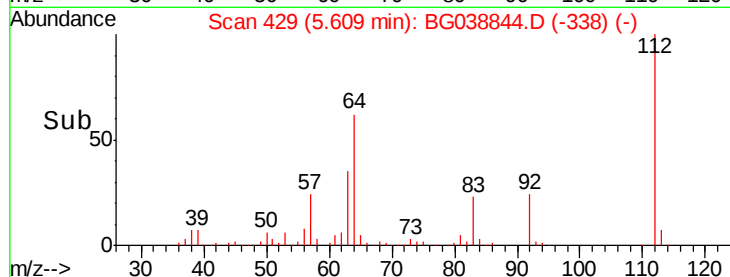
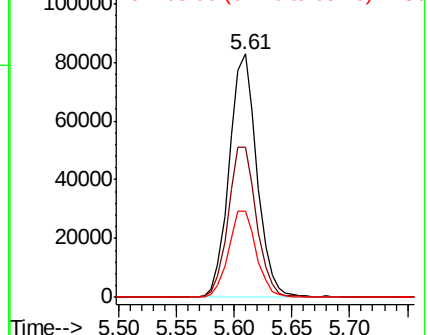
112 100

64 61.7 53.4 80.2

63 35.1 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: 31.864 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

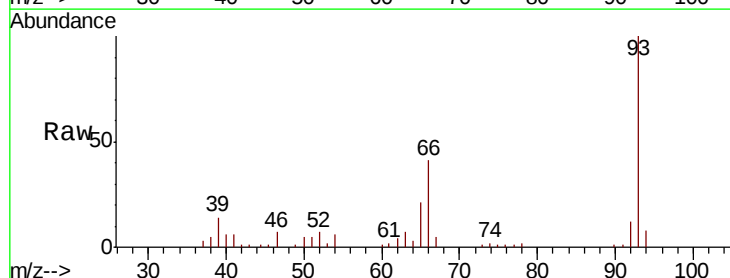
Tgt Ion: 93 Resp: 61494

Ion Ratio Lower Upper

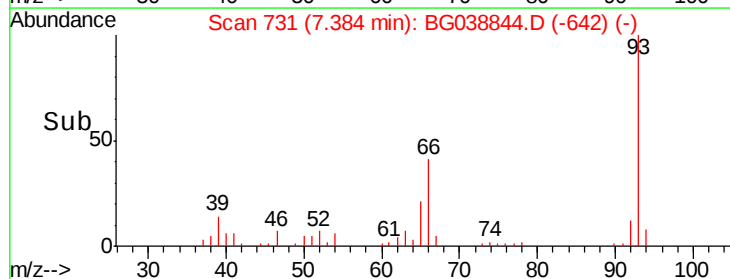
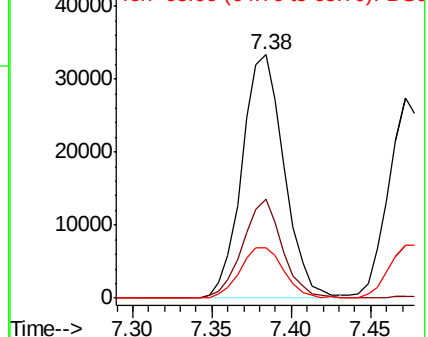
93 100

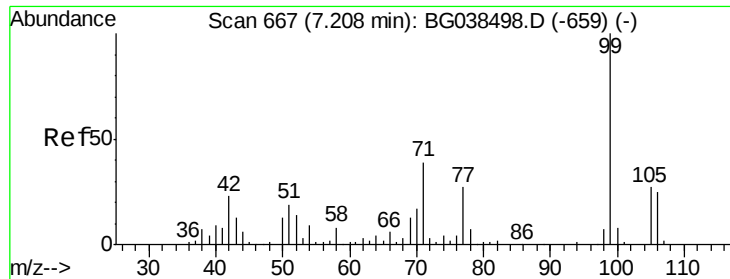
66 40.9 31.7 47.5

65 20.6 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: 126.318 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

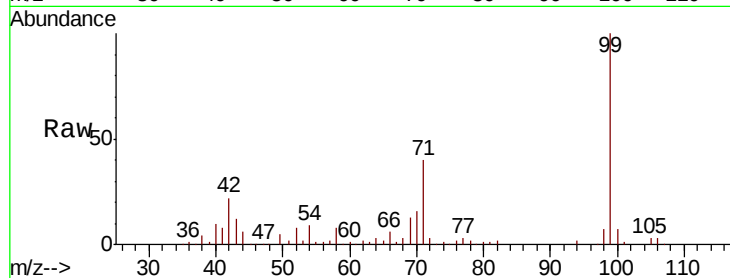
Tot Ion: 99 Resp: 190965

Ion Ratio Lower Upper

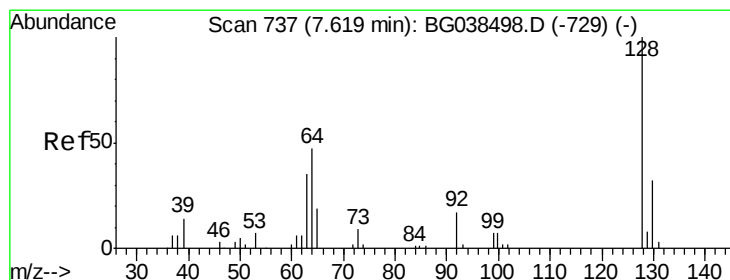
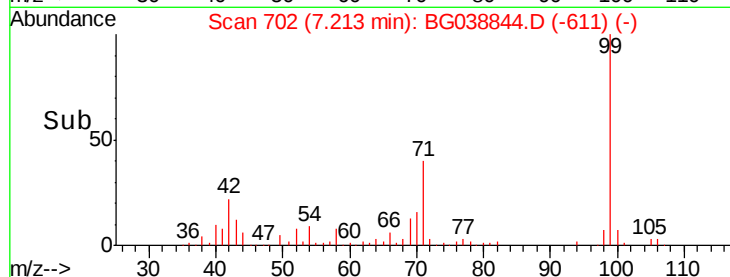
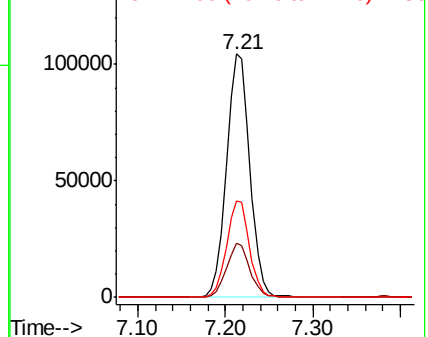
99 100

42 22.4 18.5 27.7

71 39.8 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: 46.621 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

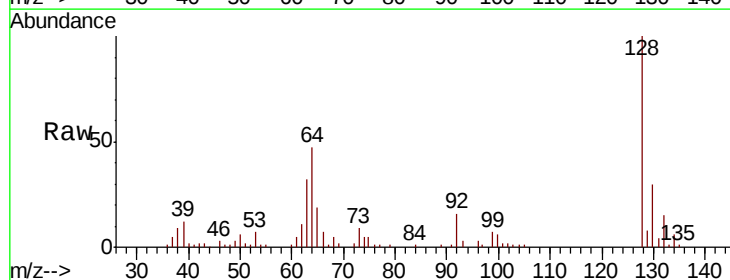
Tgt Ion:128 Resp: 59413

Ion Ratio Lower Upper

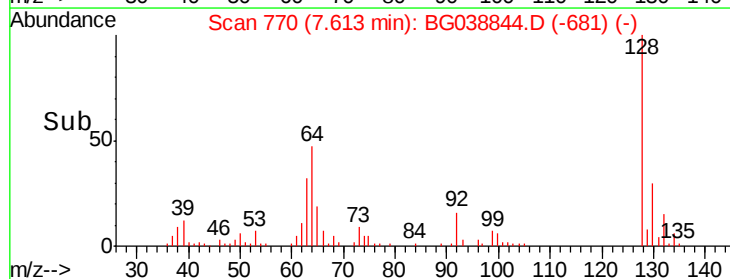
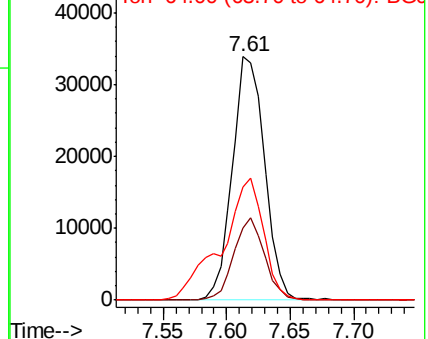
128 100

130 29.5 11.8 51.8

64 46.7 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

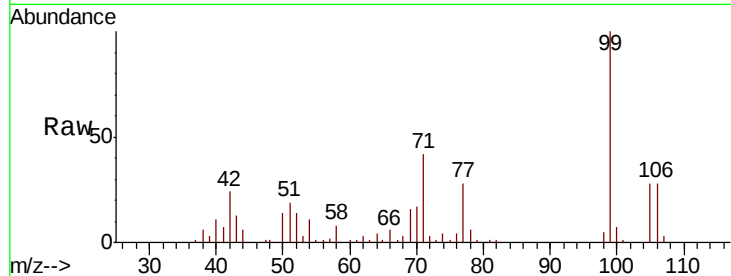




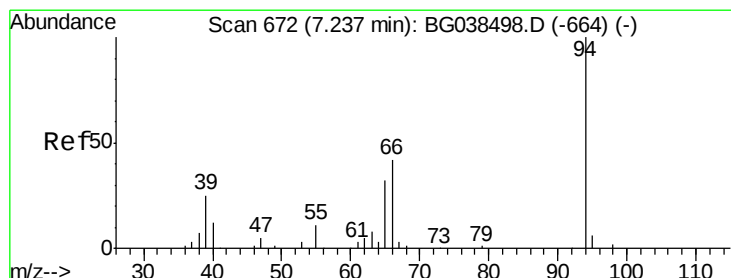
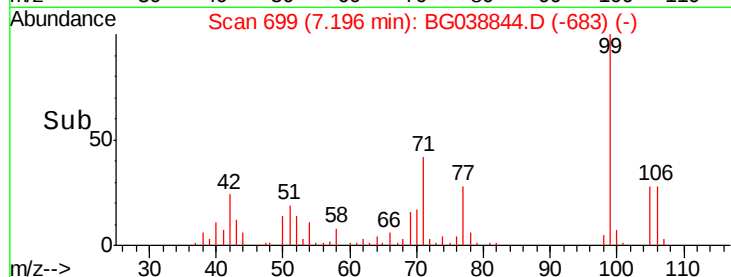
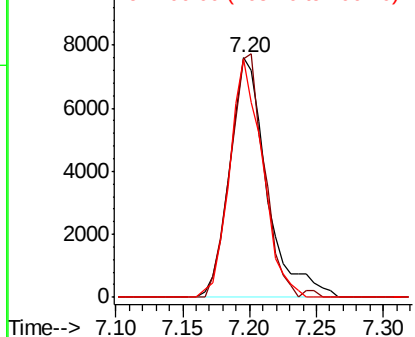
#9
Benzaldehyde
Concen: 14.997 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion: 77 Resp: 14708
Ion Ratio Lower Upper
77 100
105 99.6 74.0 114.0
106 99.4 73.9 113.9

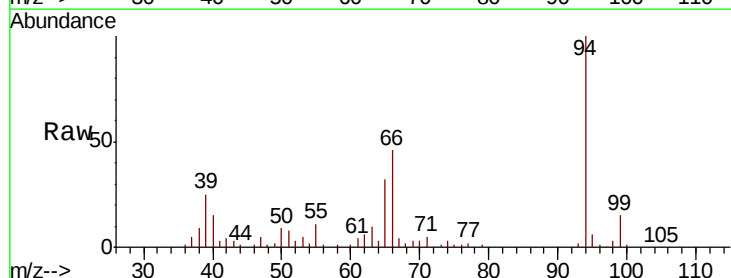


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

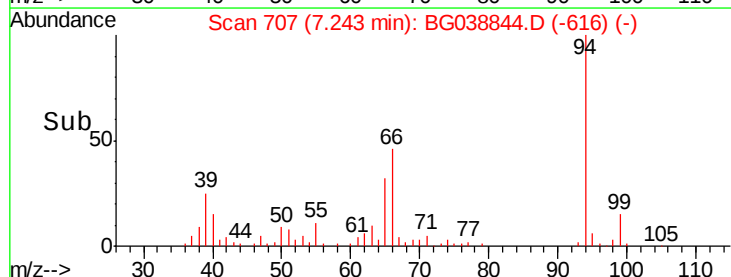
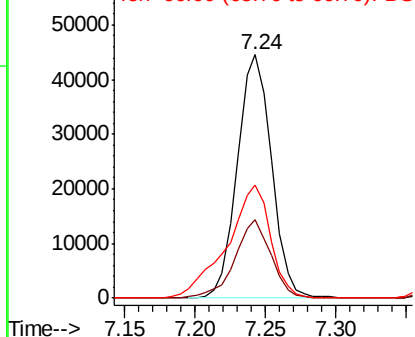


#10
Phenol
Concen: 46.979 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion: 94 Resp: 75454
Ion Ratio Lower Upper
94 100
65 32.3 12.6 52.6
66 46.3 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

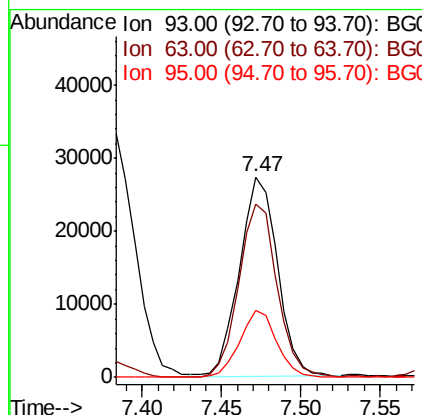
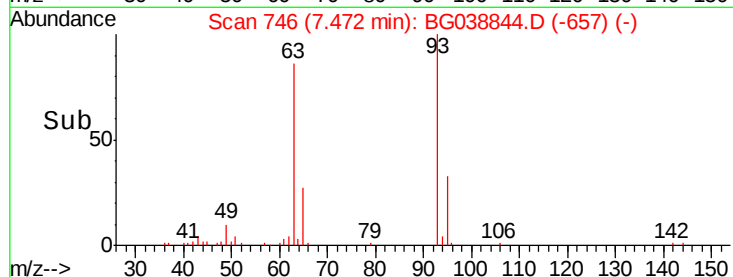
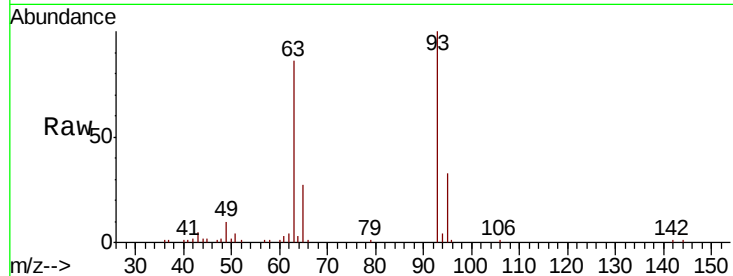




#11
 bis(2-Chloroethyl)ether
 Concen: 35.441 ng
 RT: 7.47 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

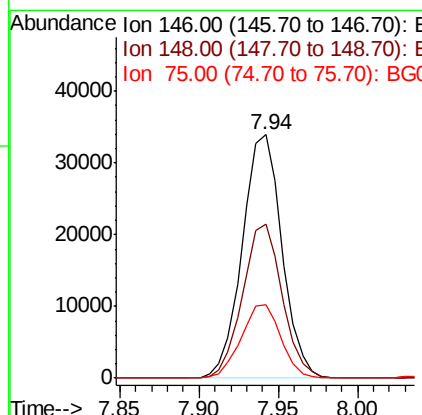
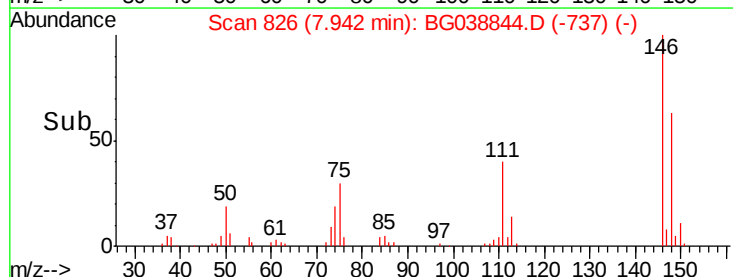
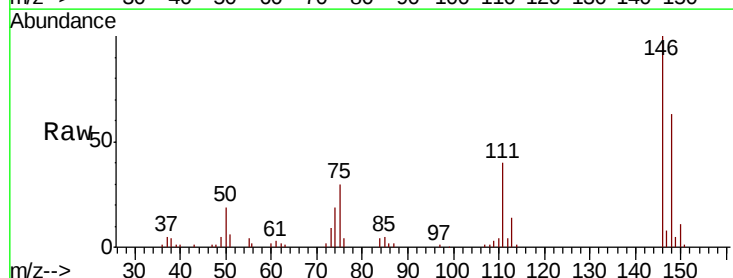
Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

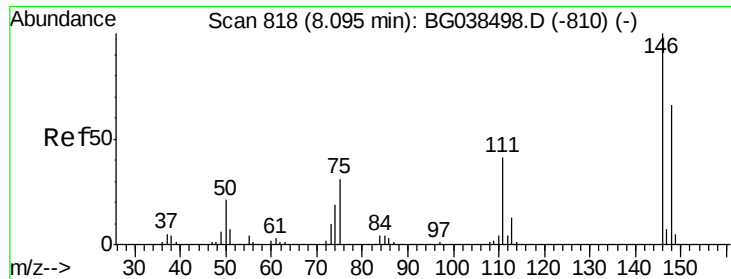
Tot Ion: 93 Resp: 45319
 Ion Ratio Lower Upper
 93 100
 63 86.3 72.2 112.2
 95 33.2 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 39.103 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Tgt Ion: 146 Resp: 58921
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.4 77.0
 75 30.2 26.1 39.1

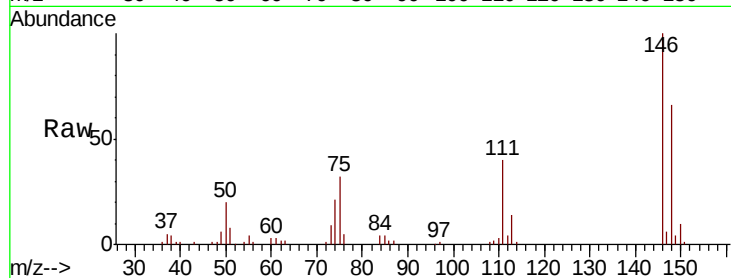




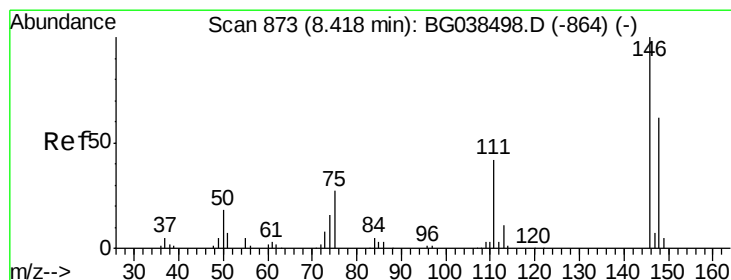
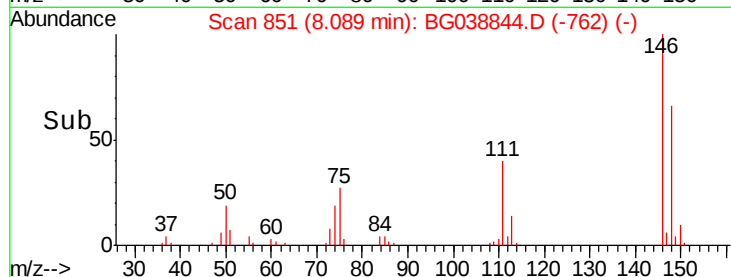
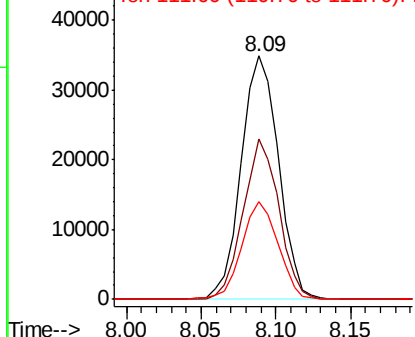
#13
 1,4-Dichlorobenzene
 Concen: 39.203 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

Tot Ion:146 Resp: 60498
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.4 78.6
 111 40.2 33.0 49.4

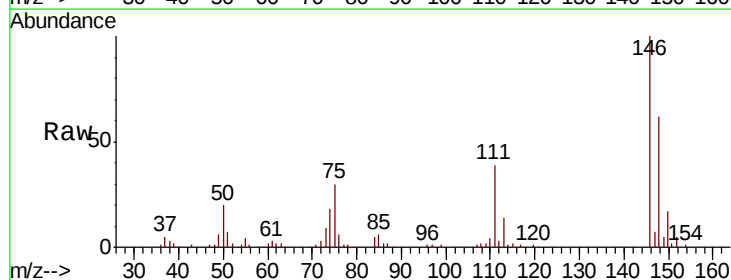


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

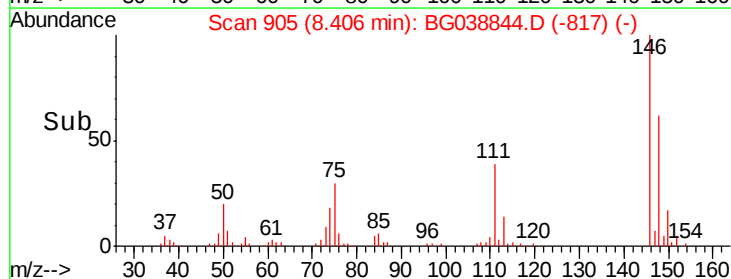
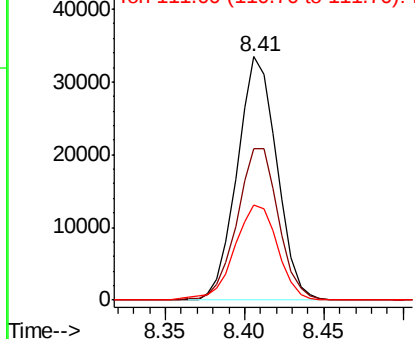


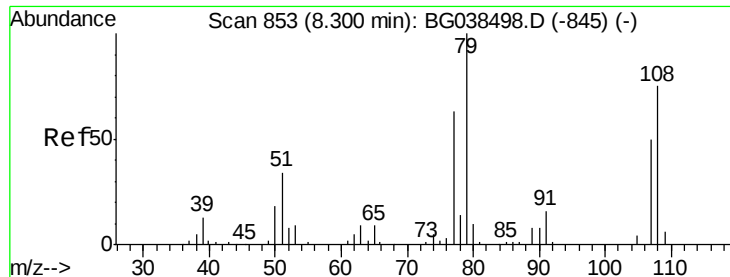
#14
 1,2-Dichlorobenzene
 Concen: 39.922 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Tgt Ion:146 Resp: 58081
 Ion Ratio Lower Upper
 146 100
 148 62.2 49.4 74.0
 111 39.1 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 44.713 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

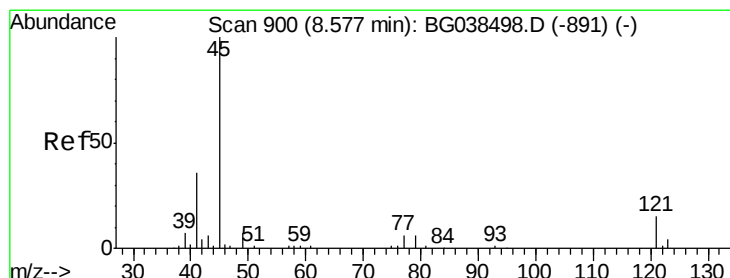
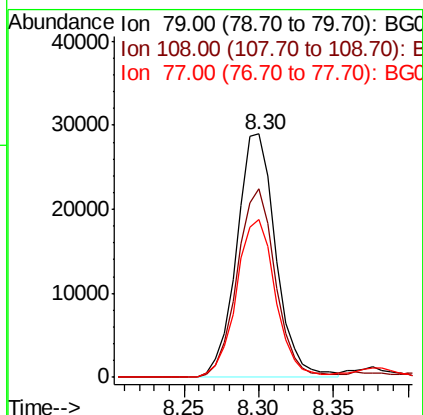
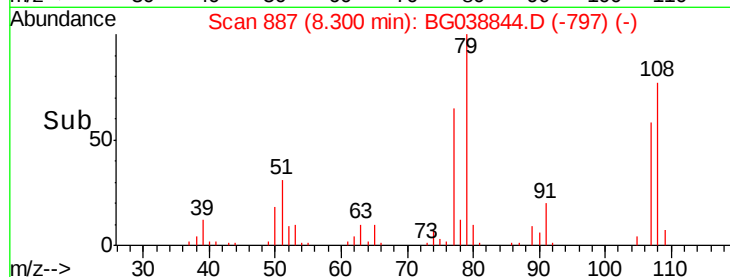
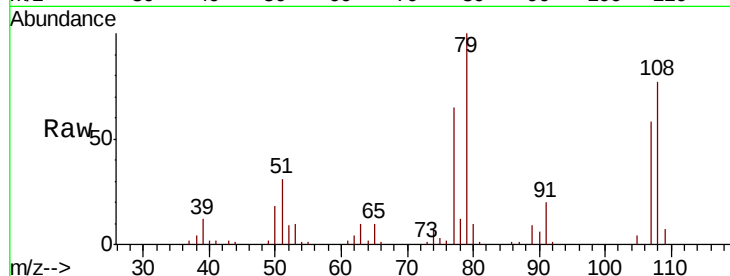
Tot Ion: 79 Resp: 52761

Ion Ratio Lower Upper

79 100

108 77.3 60.2 90.4

77 64.7 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.128 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

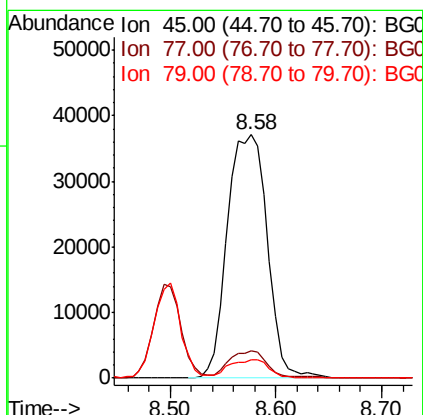
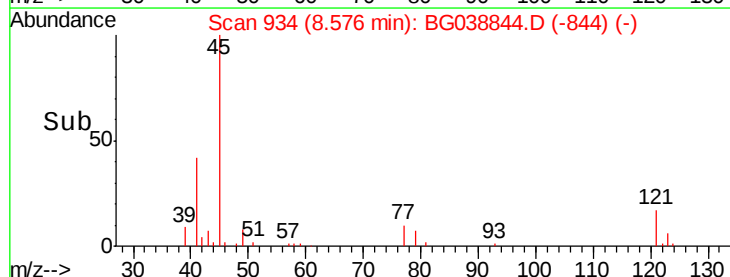
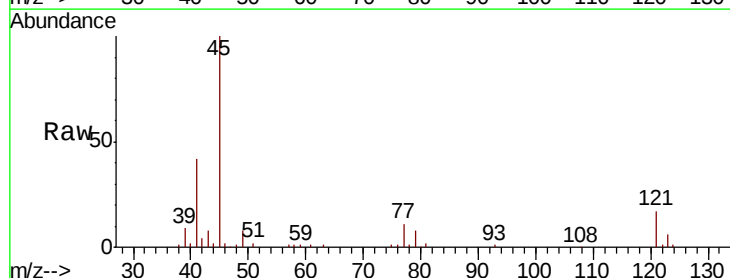
Tgt Ion: 45 Resp: 97039

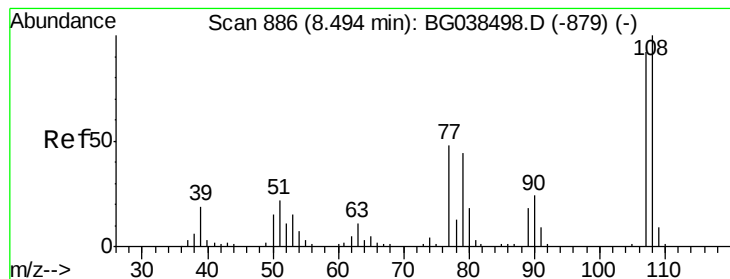
Ion Ratio Lower Upper

45 100

77 11.2 0.0 28.2

79 7.6 0.0 27.2





#17

2-Methylphenol

Concen: 48.956 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

Tot Ion:107 Resp: 52680

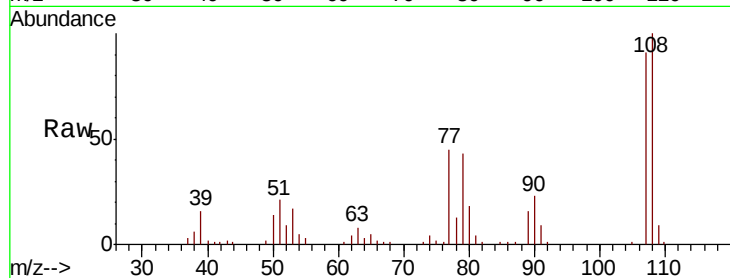
Ion Ratio Lower Upper

107 100

108 109.7 87.1 130.7

77 49.8 42.0 63.0

79 46.8 38.2 57.2

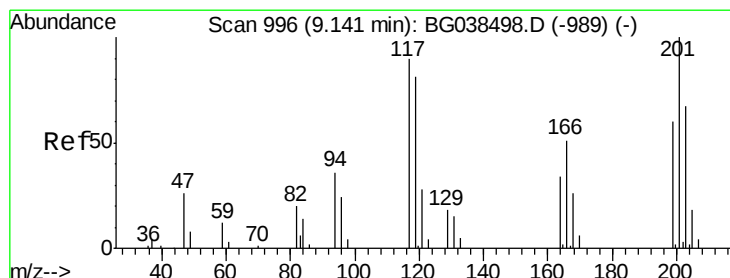
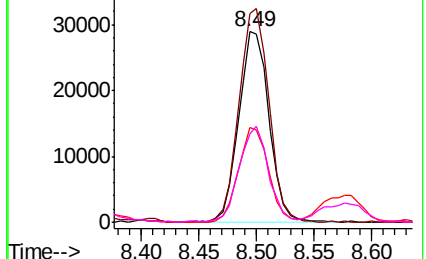
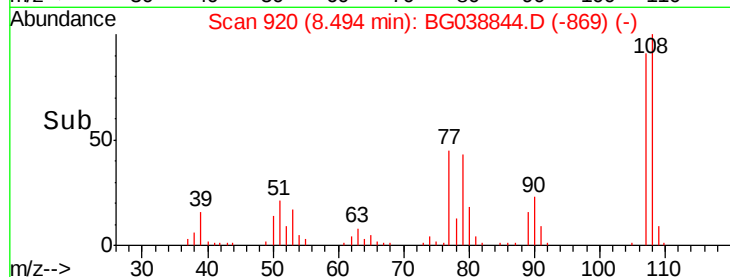


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.524 ng

RT: 9.13 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

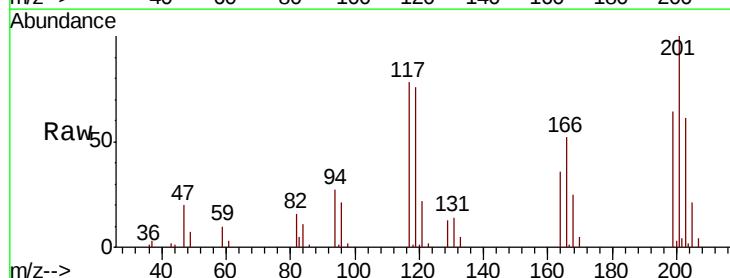
Tgt Ion:117 Resp: 21160

Ion Ratio Lower Upper

117 100

119 96.6 73.8 110.8

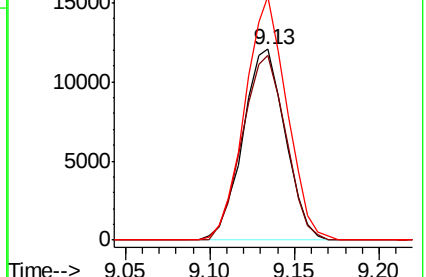
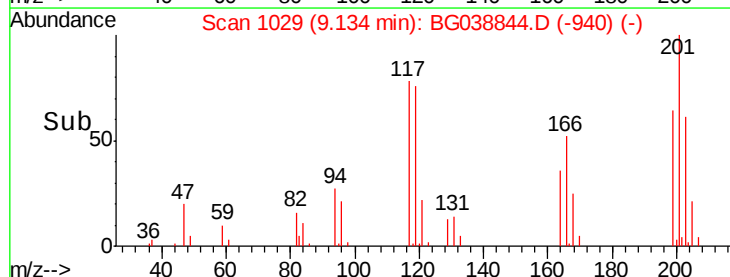
201 132.8 89.4 134.0

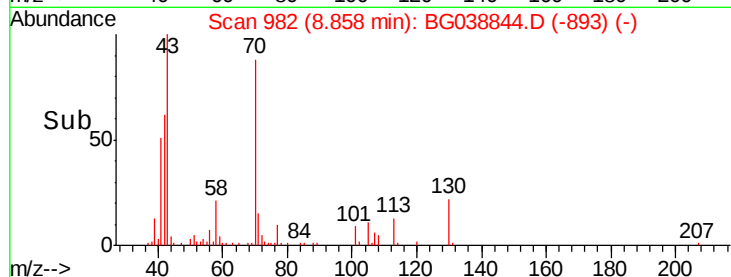
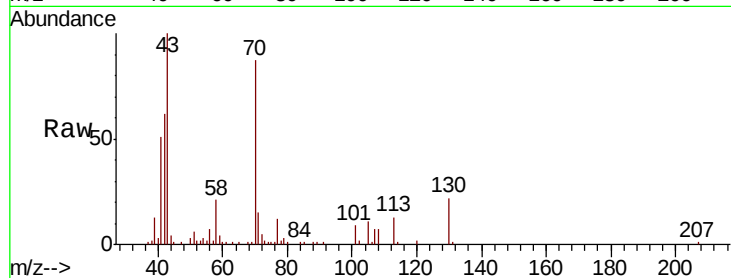
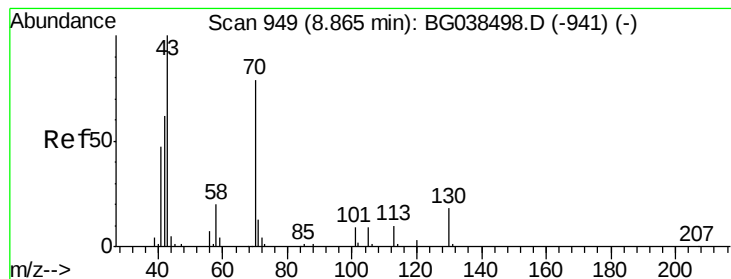


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.670 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

Tot Ion: 70 Resp: 42121

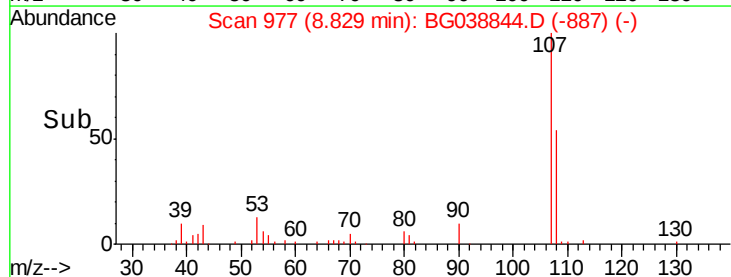
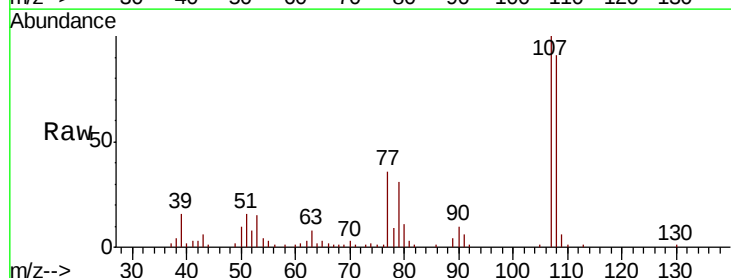
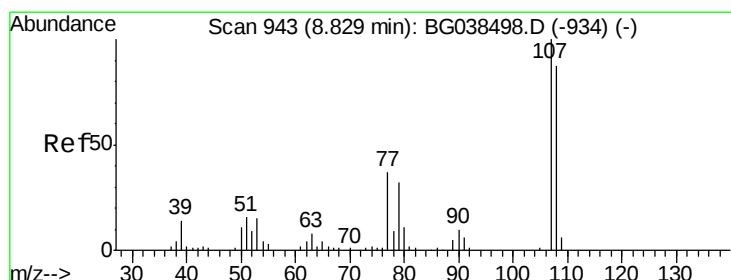
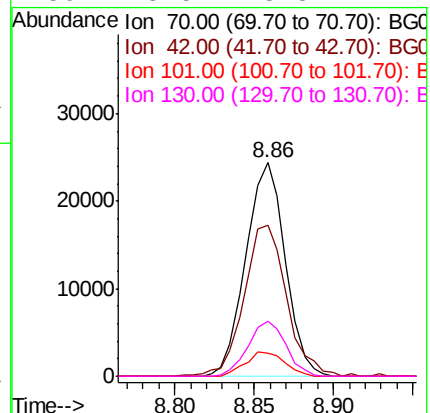
Ion Ratio Lower Upper

70 100

42 70.7 63.6 95.4

101 10.7 9.2 13.8

130 25.5 18.5 27.7



#20

3+4-Methylphenols

Concen: 49.050 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Tgt Ion: 107 Resp: 72893

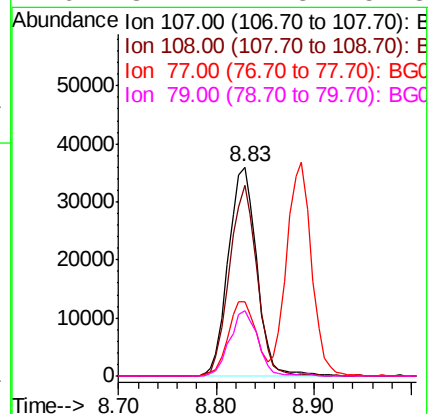
Ion Ratio Lower Upper

107 100

108 91.3 66.7 106.7

77 35.6 17.3 57.3

79 31.1 12.3 52.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

Tot Ion:136 Resp: 81038

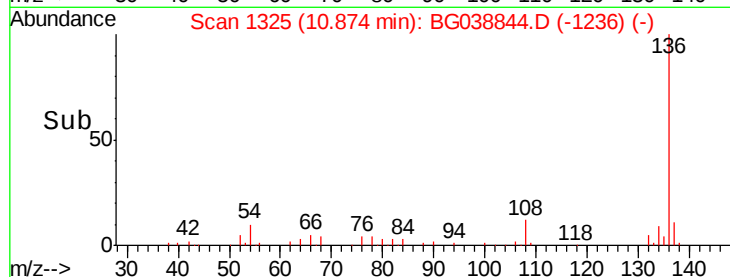
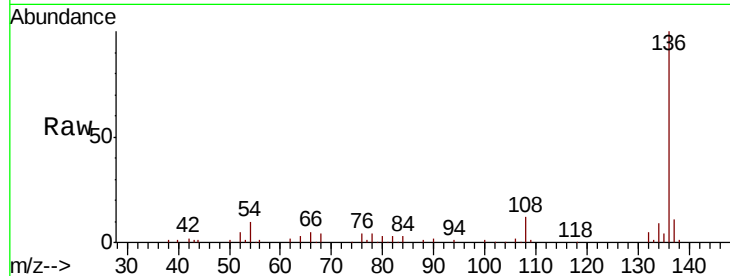
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 10.1 8.5 12.7

68 3.8 3.5 5.3

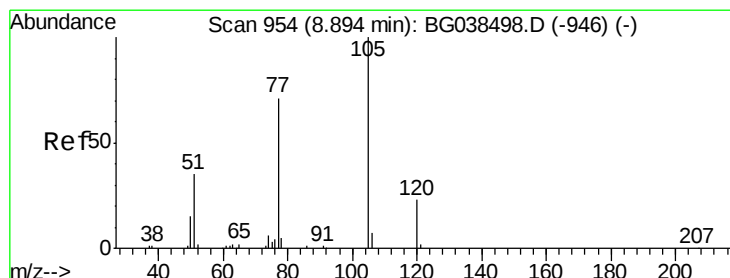
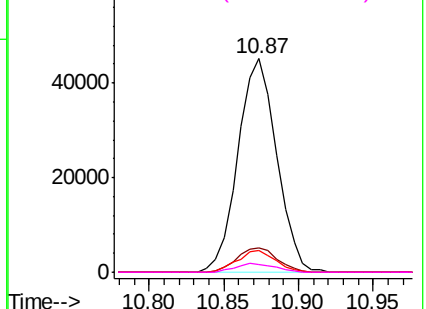


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.259 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Tgt Ion:105 Resp: 83515

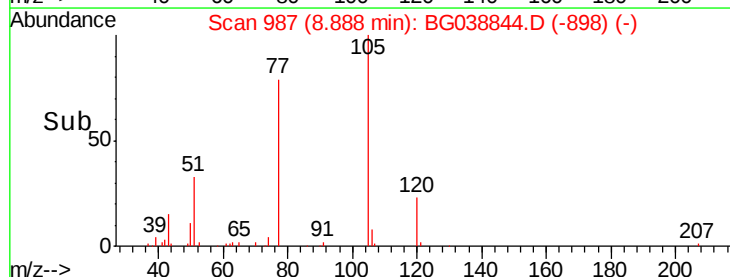
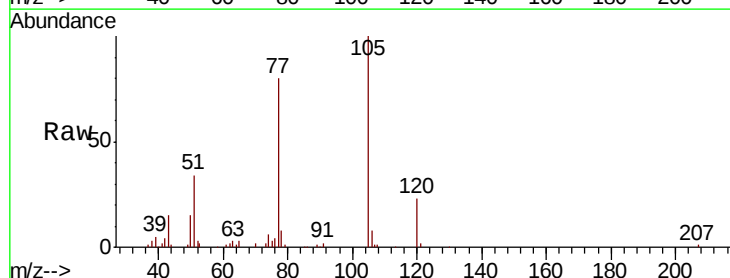
Ion Ratio Lower Upper

105 100

71 0.0 0.4 0.6#

51 33.8 30.6 46.0

120 22.9 18.6 28.0

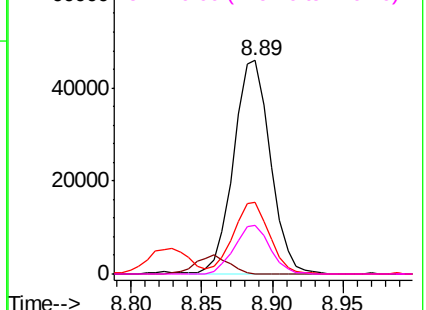


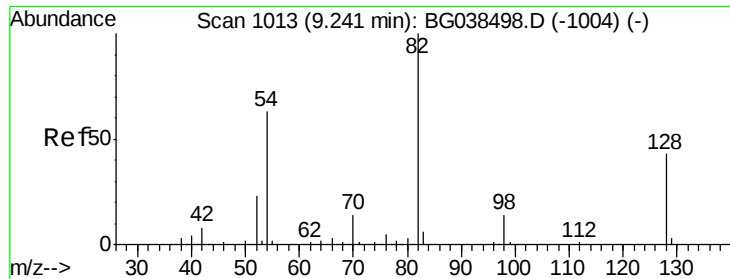
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

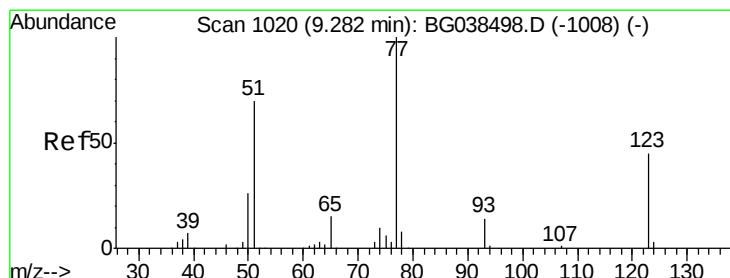
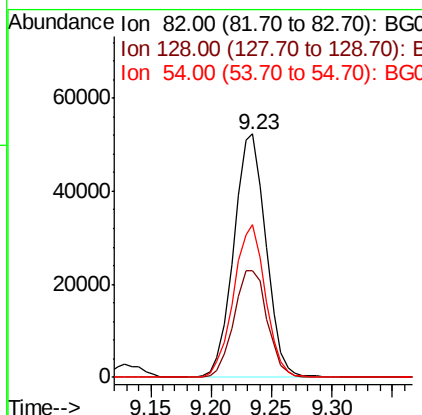
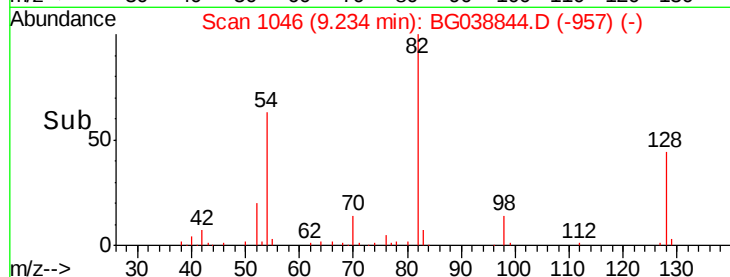
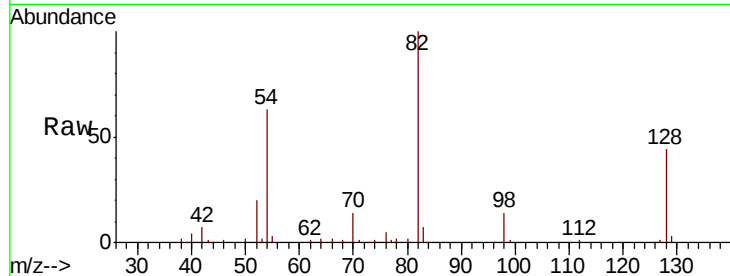




#23
Nitrobenzene-d5
Concen: 61.285 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

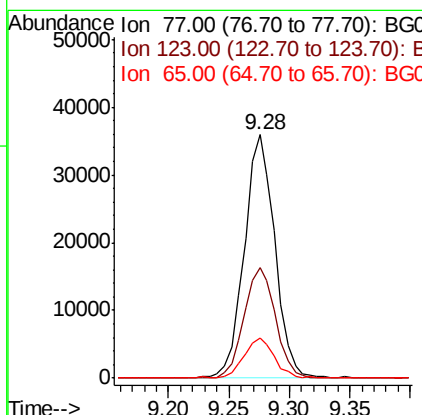
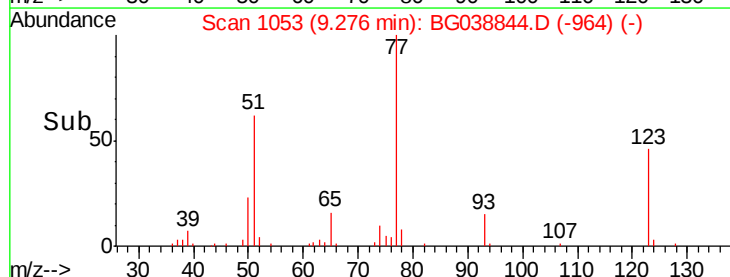
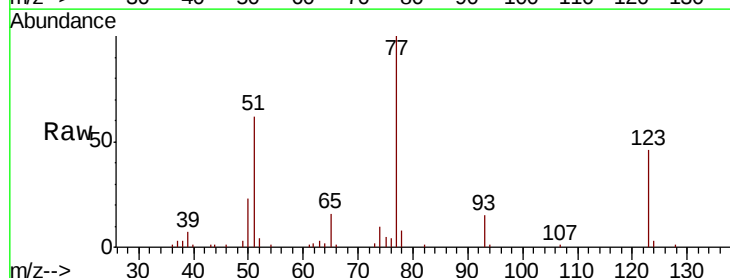
Instrument :
BNA_G
ClientSampleId :
PB116010BS

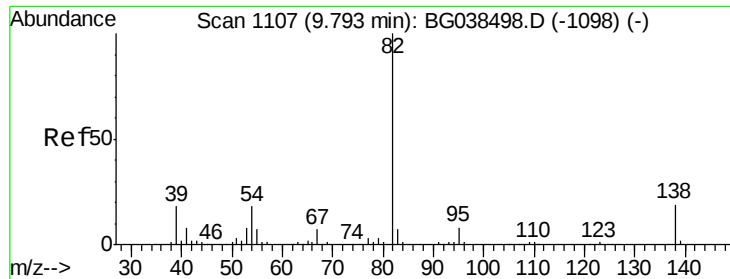
Tot Ion: 82 Resp: 97215
Ion Ratio Lower Upper
82 100
128 44.1 34.6 52.0
54 62.7 50.6 76.0



#24
Nitrobenzene
Concen: 39.366 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion: 77 Resp: 63171
Ion Ratio Lower Upper
77 100
123 45.6 35.9 53.9
65 16.3 12.0 18.0





#25

Isophorone

Concen: 42.166 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

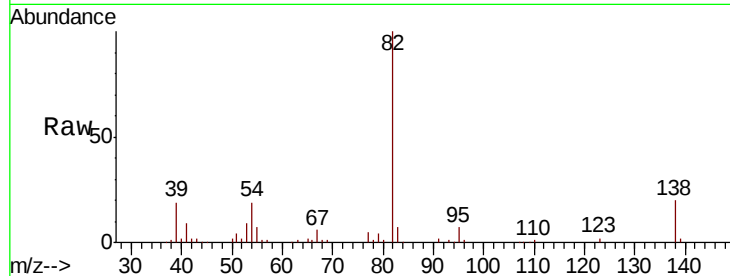
Tot Ion: 82 Resp: 120177

Ion Ratio Lower Upper

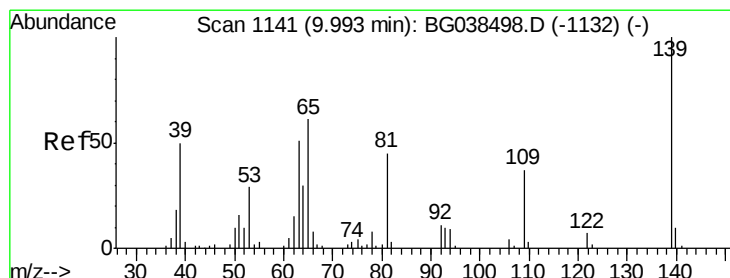
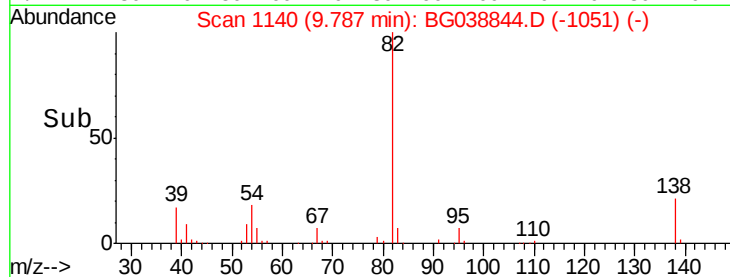
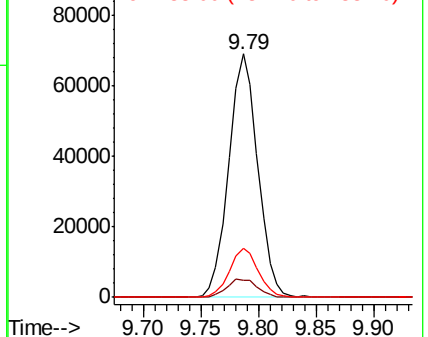
82 100

95 7.1 6.1 9.1

138 20.2 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: 43.246 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

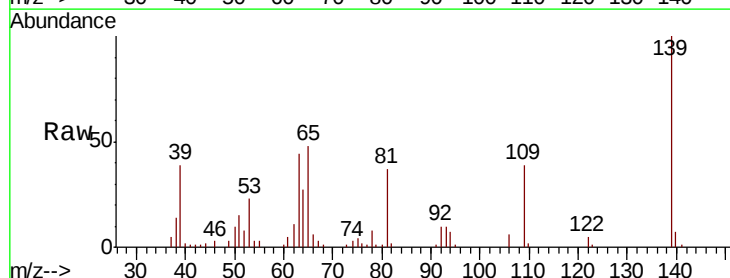
Tgt Ion: 139 Resp: 35519

Ion Ratio Lower Upper

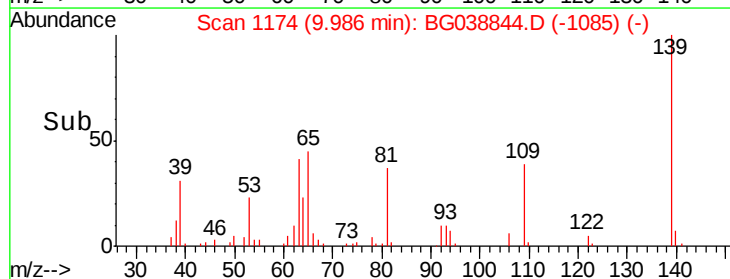
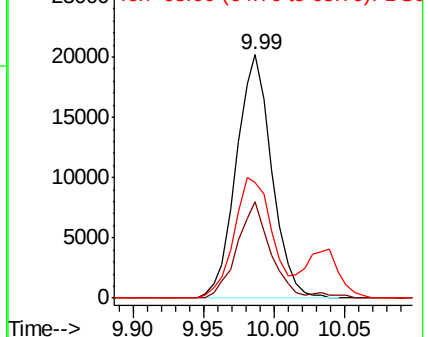
139 100

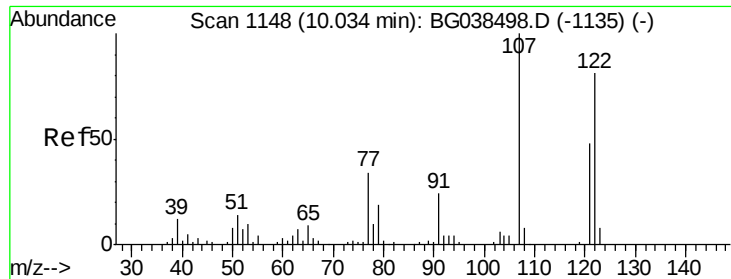
109 39.5 29.5 44.3

65 47.5 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

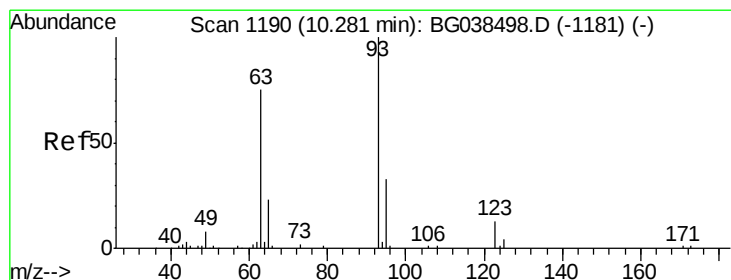
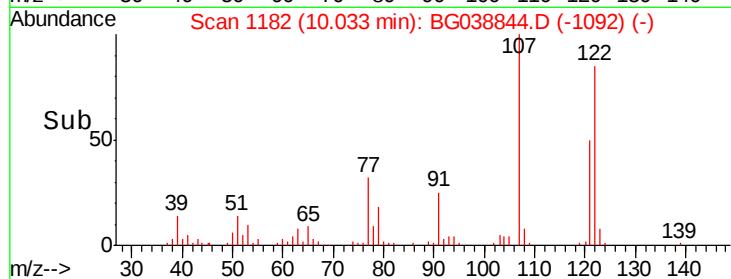
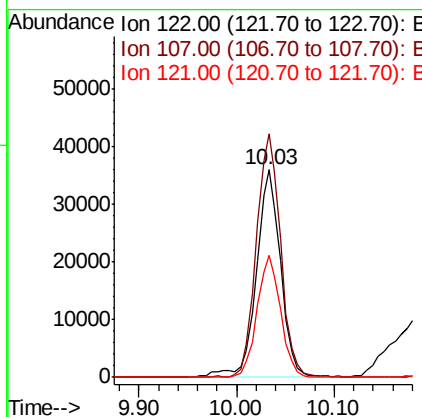
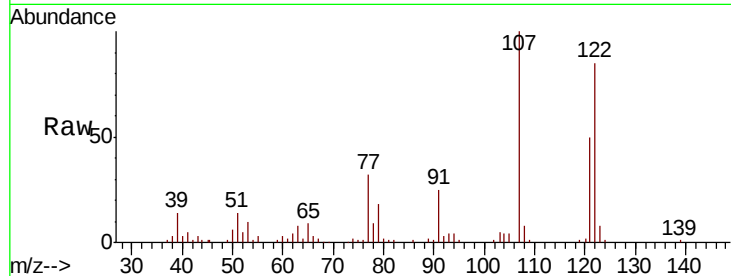




#27
 2,4-Dimethylphenol
 Concen: 53.707 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

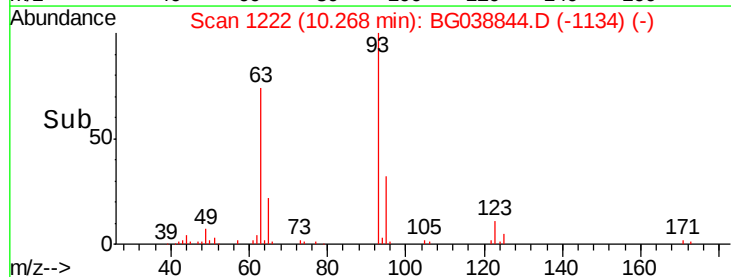
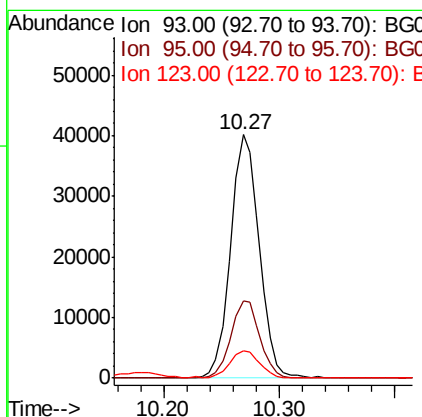
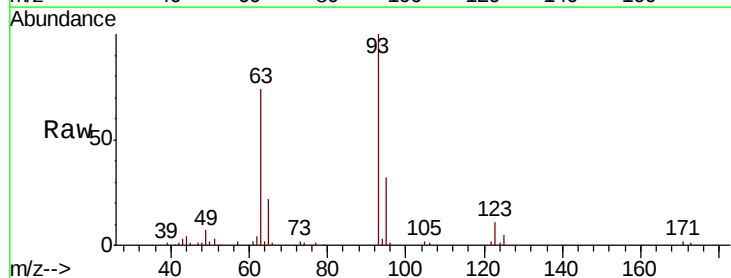
Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

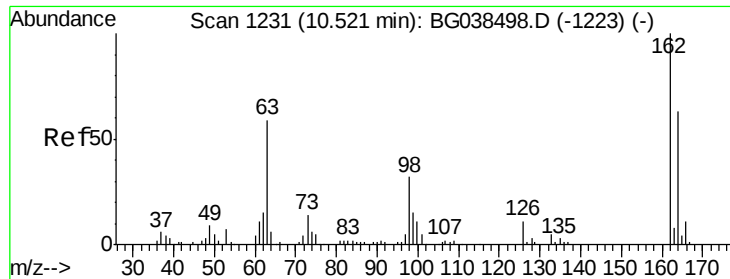
Tot Ion:122 Resp: 63218
 Ion Ratio Lower Upper
 122 100
 107 117.4 98.4 147.6
 121 58.6 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.605 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Tgt Ion: 93 Resp: 68525
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.6 40.0
 123 11.2 10.6 16.0

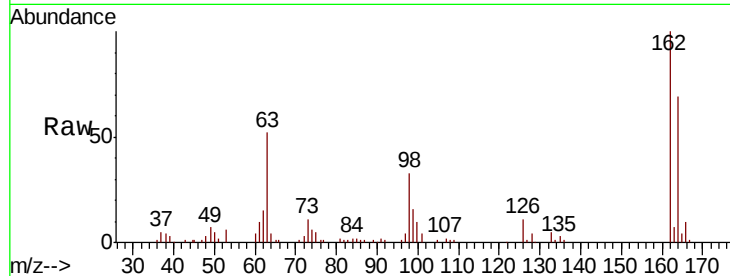




#29
 2,4-Dichlorophenol
 Concen: 53.822 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	69.2	42.9	82.9
98	32.7	12.1	52.1

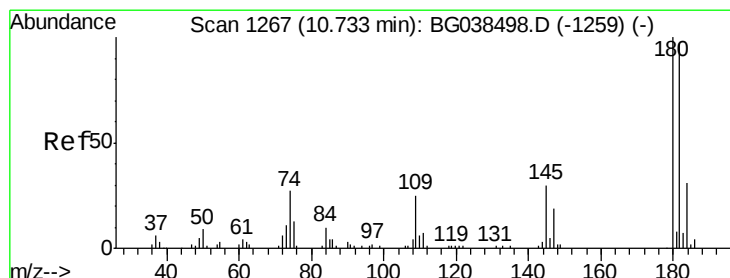
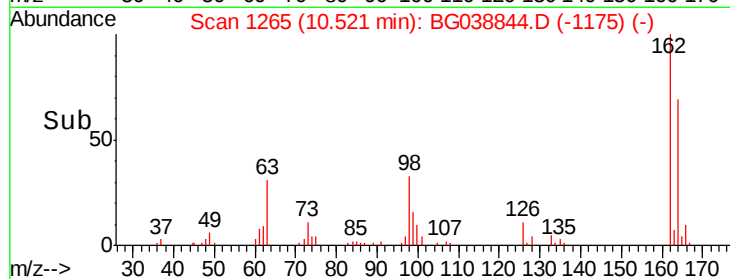
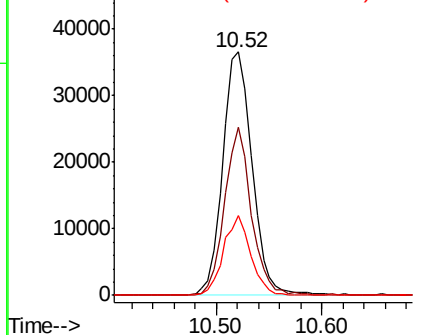


Abundance

Ion 162.00 (161.70 to 162.70): E

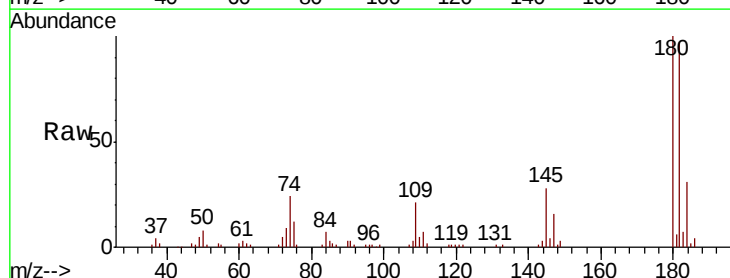
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 43.549 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.4	116.0
145	27.5	24.1	36.1

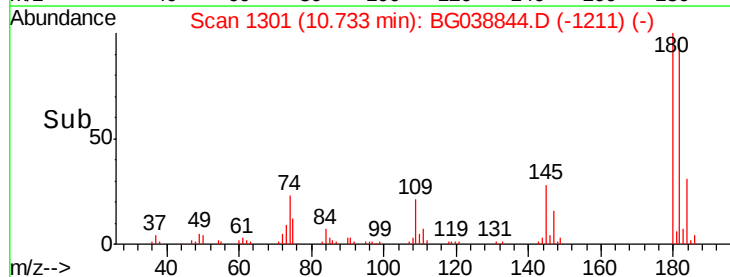
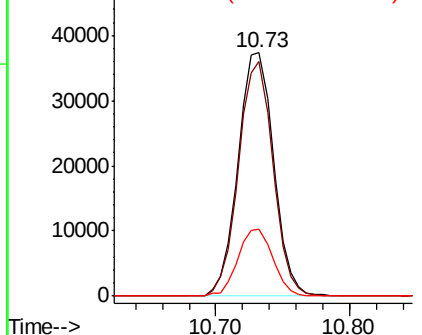


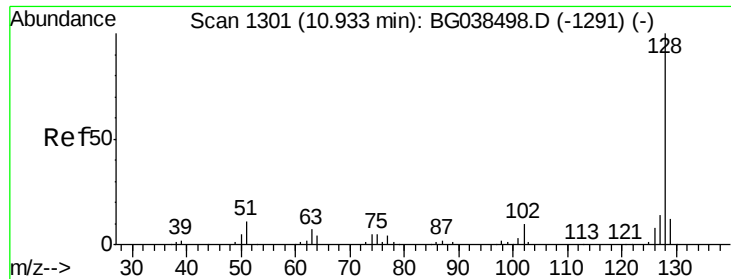
Abundance

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

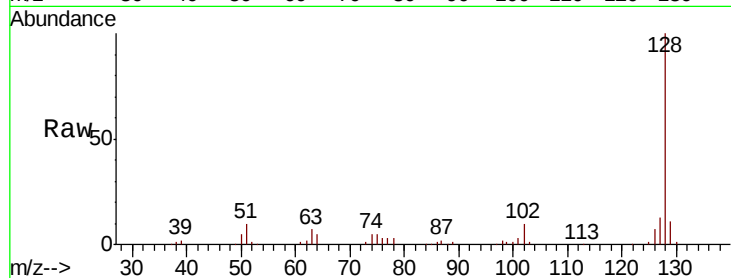




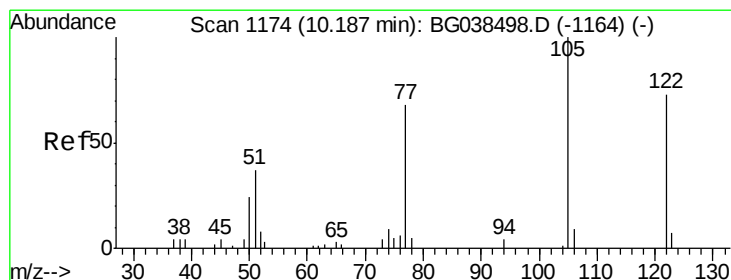
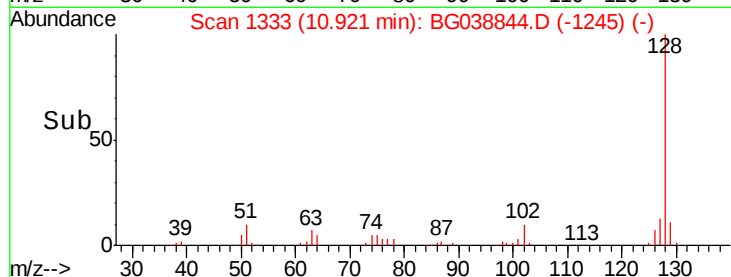
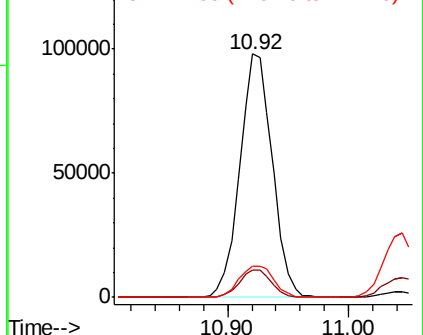
#31
Naphthalene
Concen: 45.931 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion:128 Resp: 183394
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.0 10.9 16.3

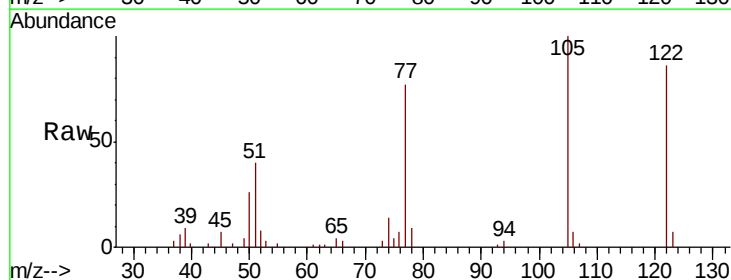


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

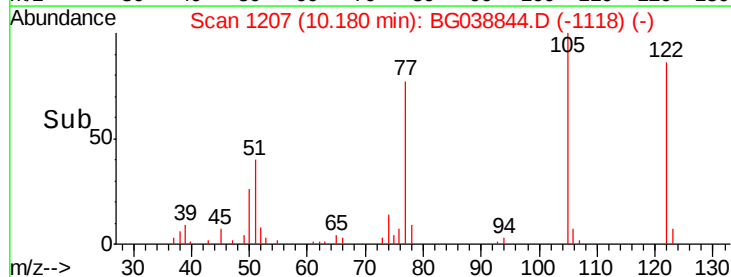
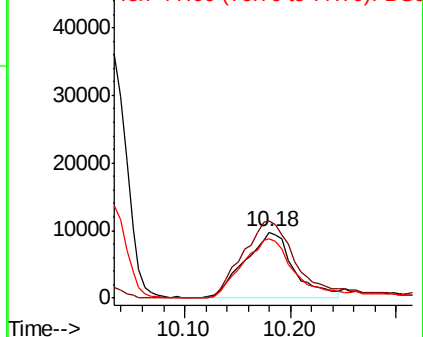


#32
Benzoic acid
Concen: 43.286 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion:122 Resp: 31417
Ion Ratio Lower Upper
122 100
105 116.5 116.7 156.7#
77 89.9 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

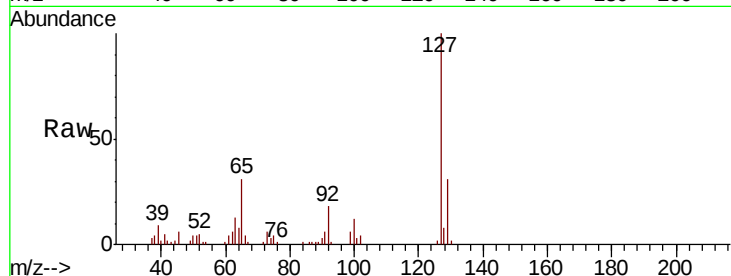




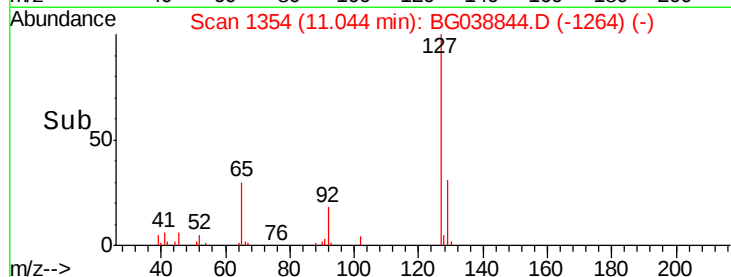
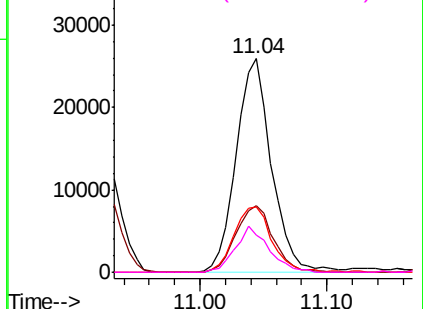
#33
4-Chloroaniline
Concen: 28.880 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion:127	Resp:	50063
Ion	Ratio	Lower Upper
127	100	
129	31.5	25.8 38.8
65	30.5	27.8 41.6
92	17.5	17.0 25.6

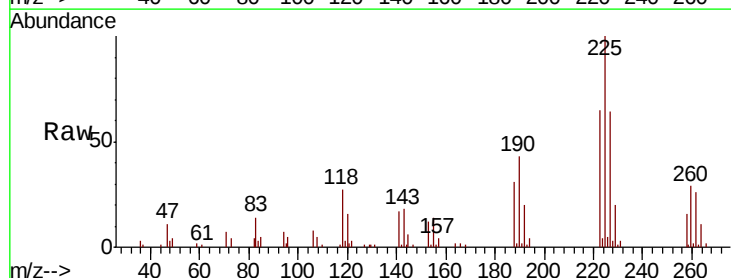


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

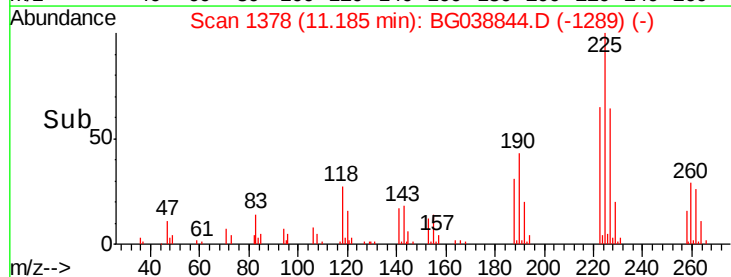
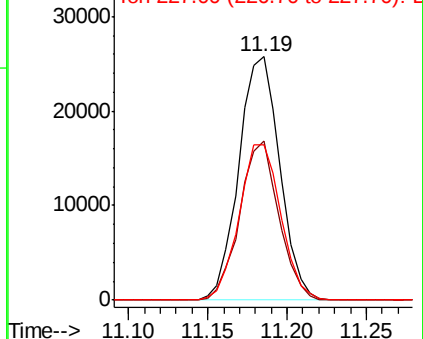


#34
Hexachlorobutadiene
Concen: 43.218 ng
RT: 11.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion:225	Resp:	46256
Ion	Ratio	Lower Upper
225	100	
223	66.0	45.0 67.6
227	63.7	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: 46.622 ng

RT: 11.83 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

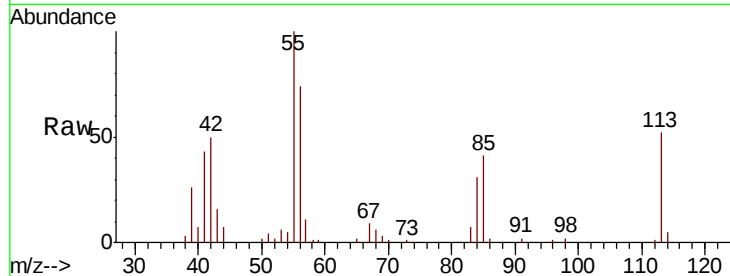
Tot Ion:113 Resp: 25266

Ion Ratio Lower Upper

113 100

55 190.9 204.3 244.3#

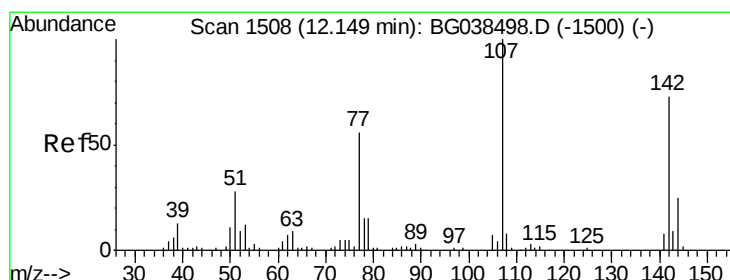
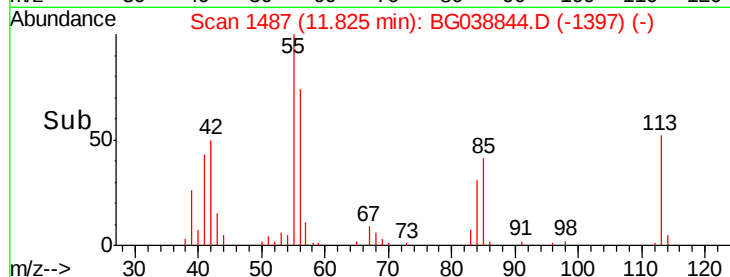
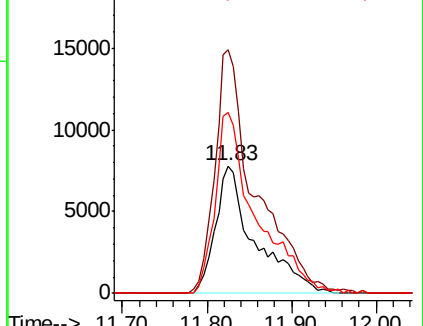
56 141.6 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 49.239 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

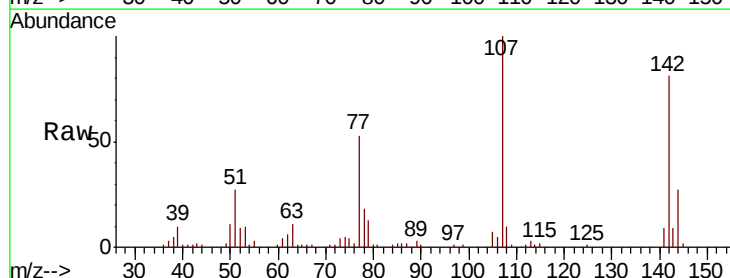
Tgt Ion:107 Resp: 73581

Ion Ratio Lower Upper

107 100

144 27.0 20.1 30.1

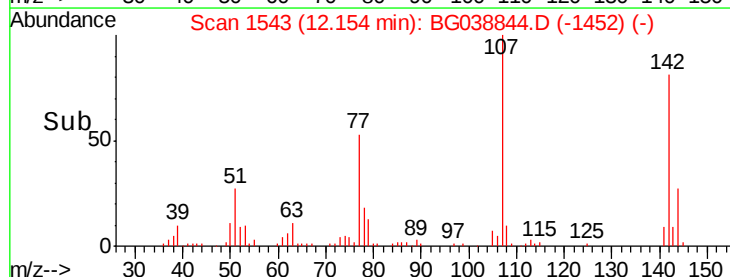
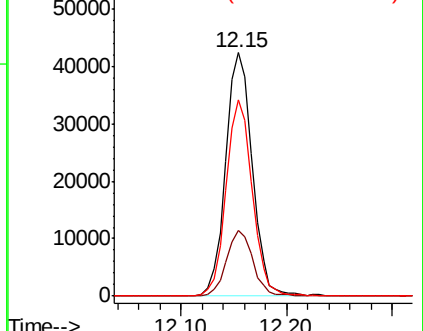
142 80.7 58.7 88.1

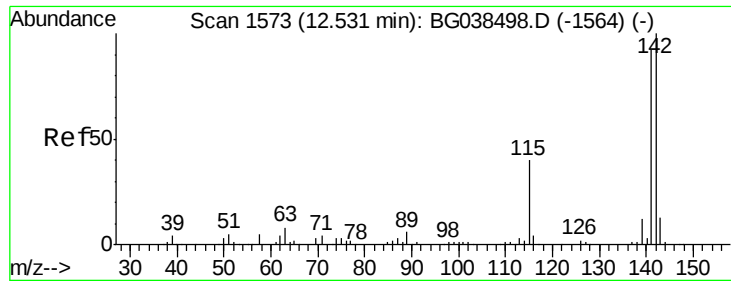


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

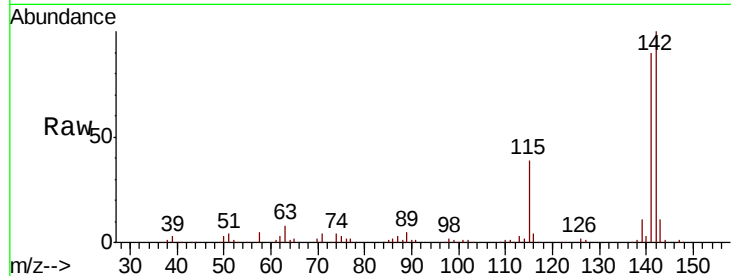




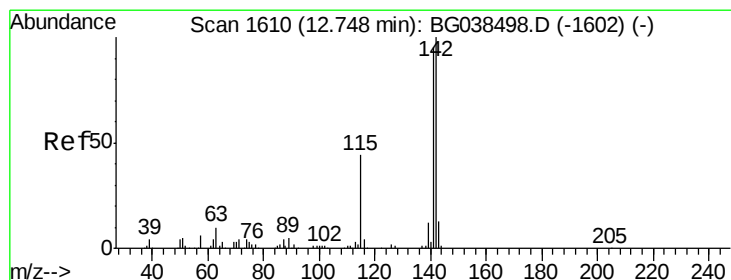
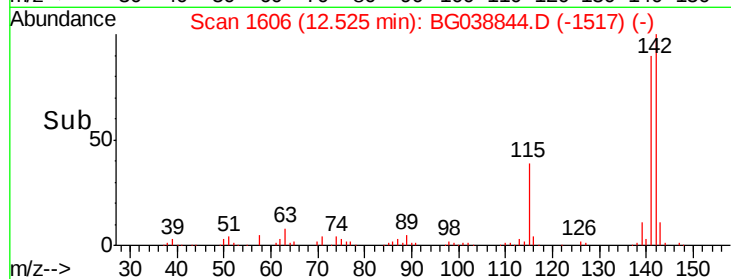
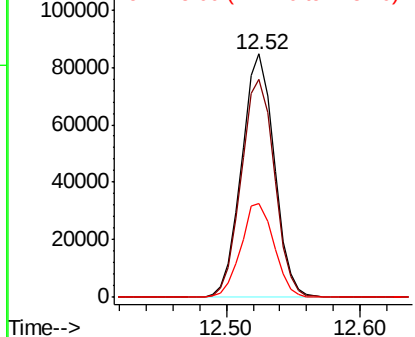
#37
2-Methylnaphthalene
Concen: 50.266 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.5	110.3
115	38.7	31.7	47.5

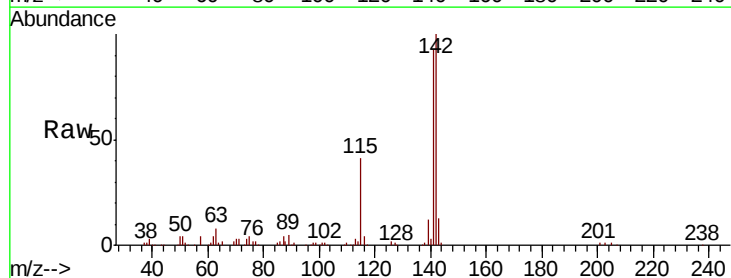


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

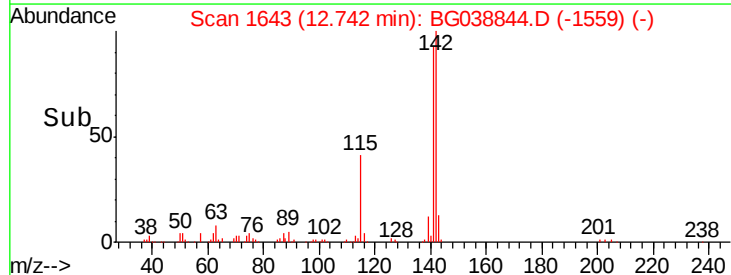
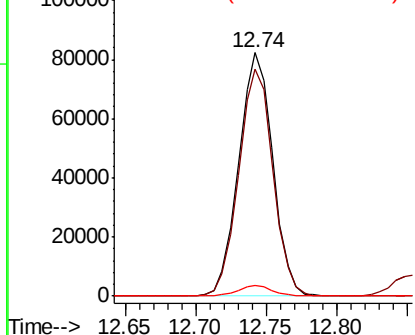


#38
1-Methylnaphthalene
Concen: 50.153 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	75.8	113.8
116	4.2	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. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

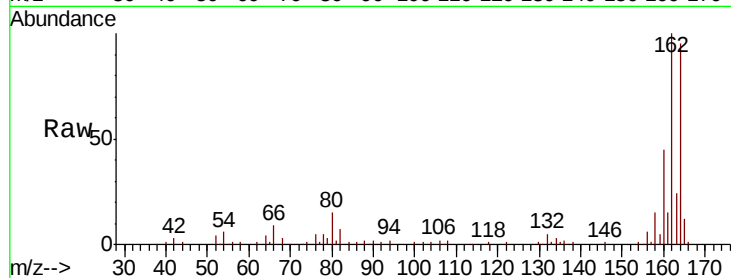
Tot Ion:164 Resp: 61011

Ion Ratio Lower Upper

164 100

162 104.7 86.6 130.0

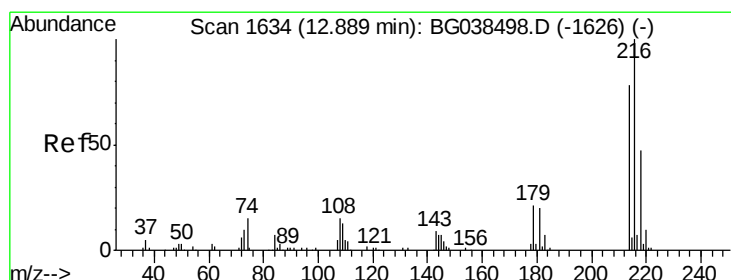
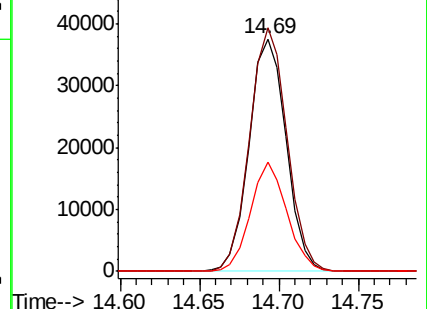
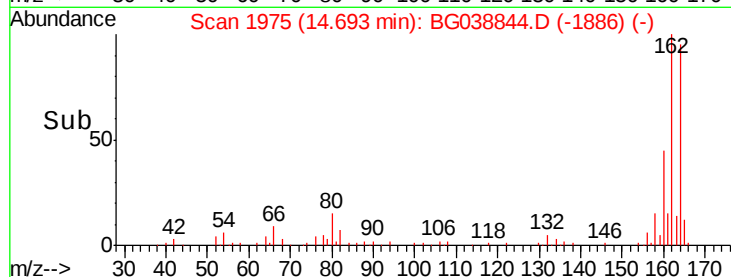
160 47.2 34.2 51.2



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: 39.621 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Tgt Ion:216 Resp: 90359

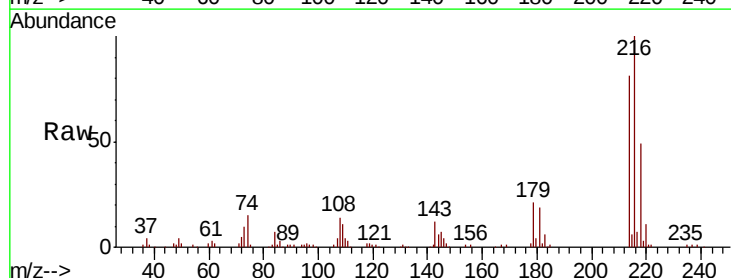
Ion Ratio Lower Upper

216 100

214 80.5 64.1 96.1

179 20.1 16.4 24.6

108 17.2 13.9 20.9

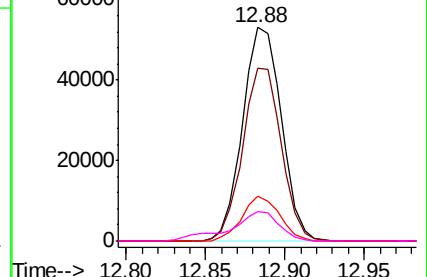
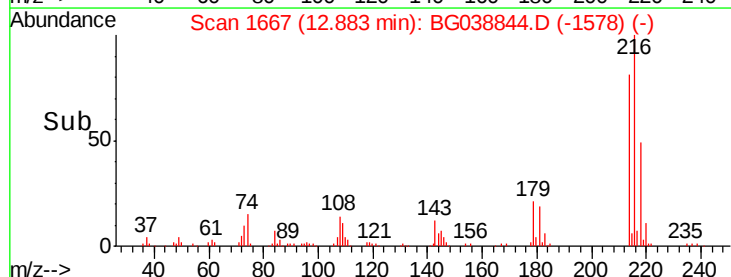


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.740 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

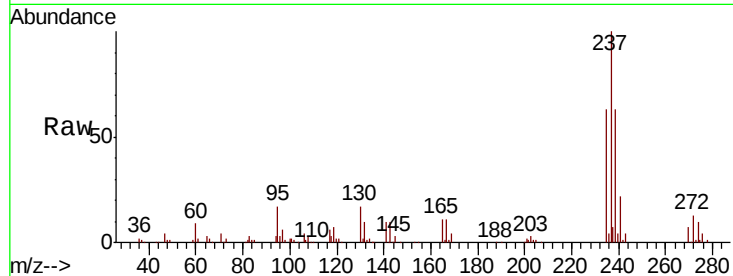
Tot Ion:237 Resp: 111185

Ion Ratio Lower Upper

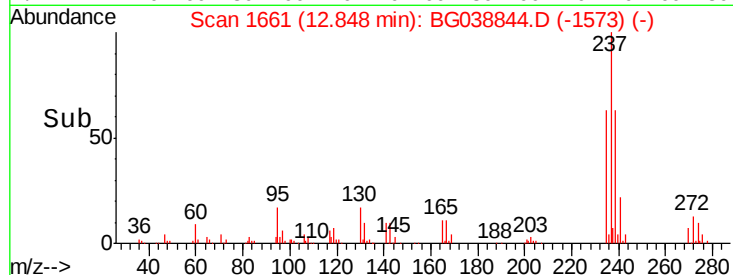
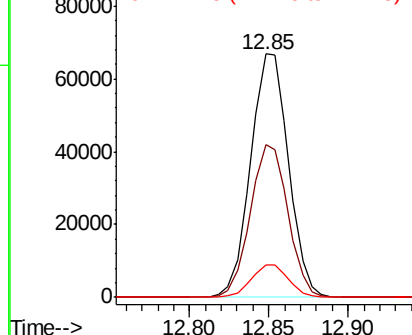
237 100

235 62.6 38.8 78.8

272 13.2 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: 146.484 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

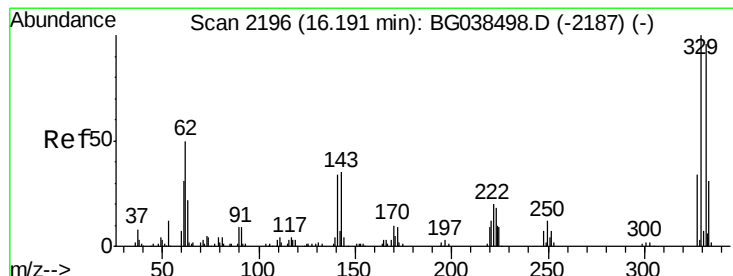
Tgt Ion:330 Resp: 123170

Ion Ratio Lower Upper

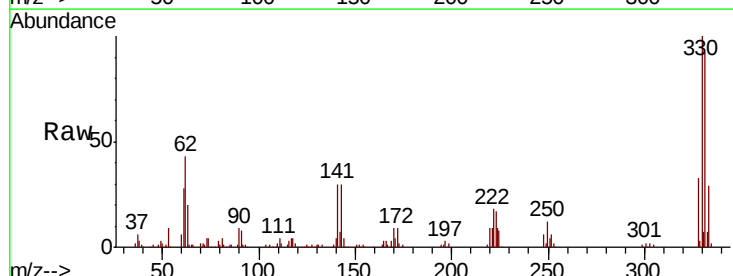
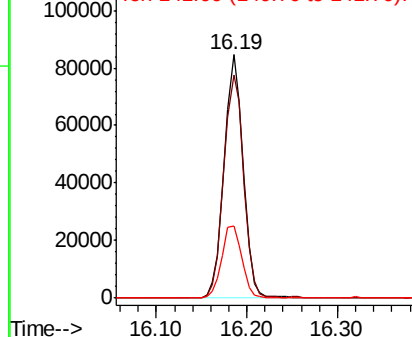
330 100

332 95.5 76.9 115.3

141 31.5 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

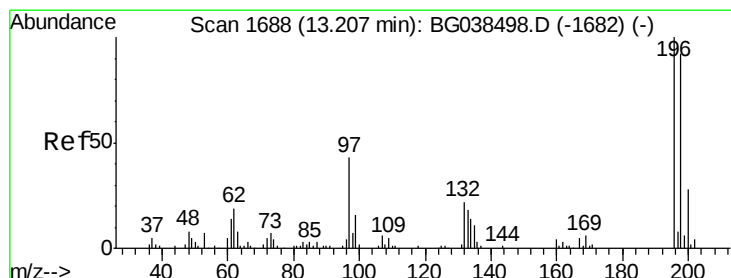
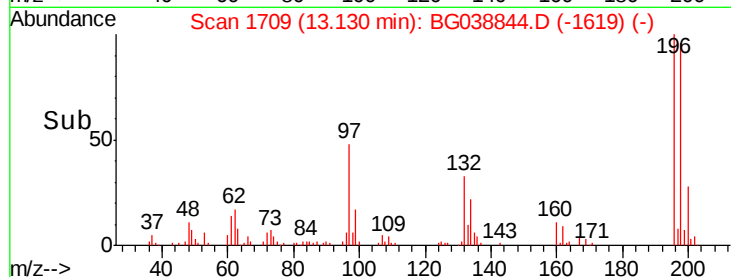
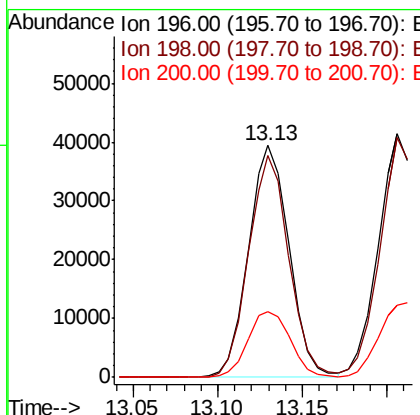
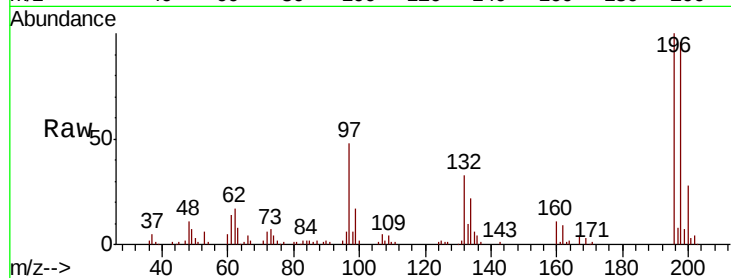




#43
 2,4,6-Trichlorophenol
 Concen: 47.013 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

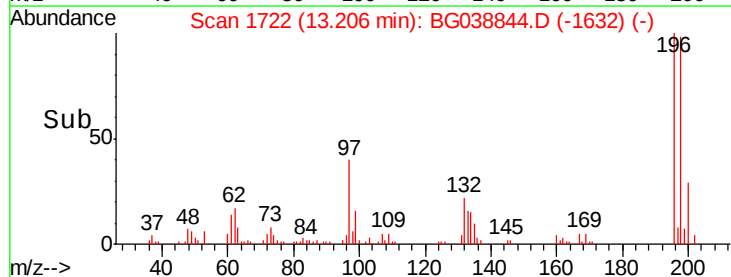
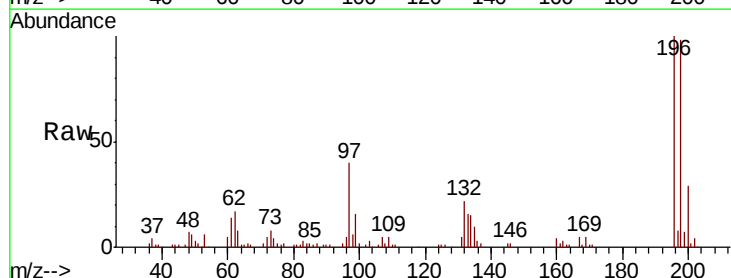
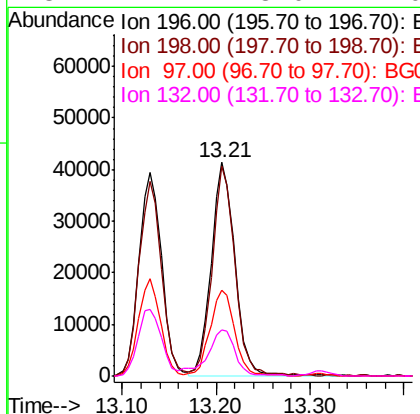
Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

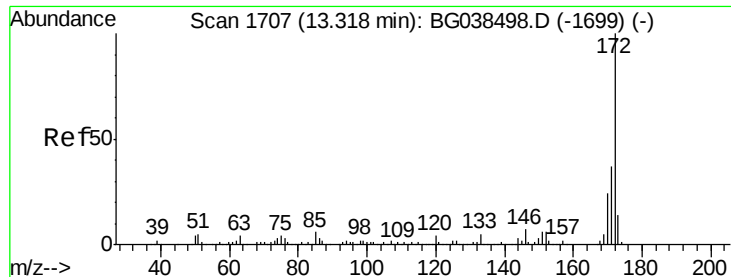
Tot Ion:196 Resp: 65924
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.0 112.4
 200 28.4 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 49.478 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Tgt Ion:196 Resp: 73457
 Ion Ratio Lower Upper
 196 100
 198 98.3 74.0 111.0
 97 40.0 35.1 52.7
 132 21.7 18.0 27.0

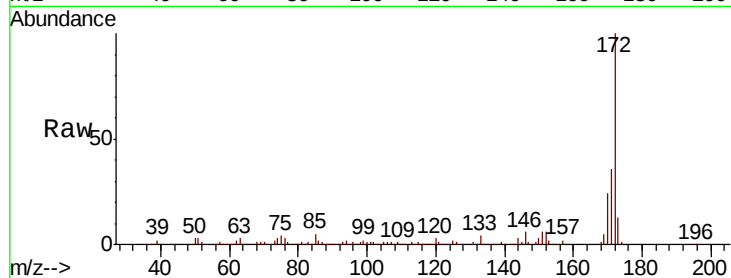




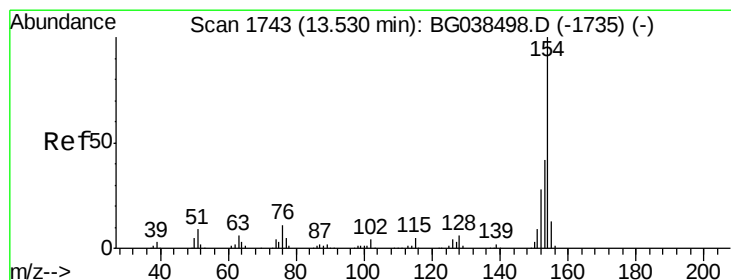
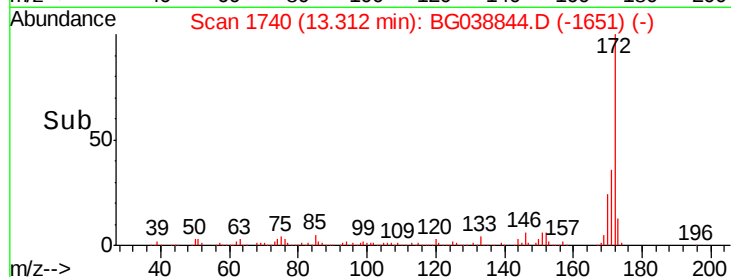
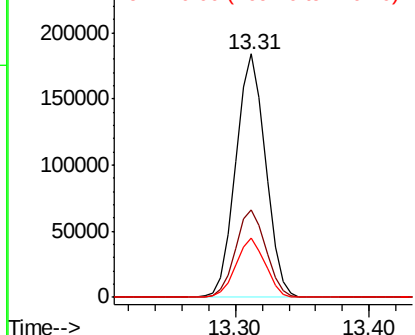
#45
2-Fluorobiphenyl
Concen: 64.010 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion:172 Resp: 284674
Ion Ratio Lower Upper
172 100
171 36.1 29.8 44.6
170 24.4 19.5 29.3

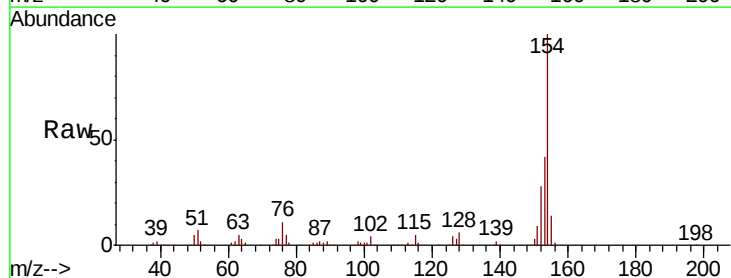


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

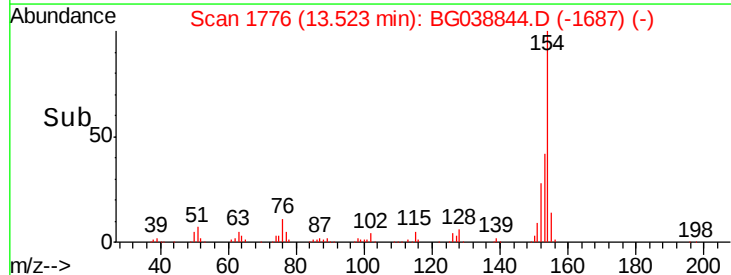
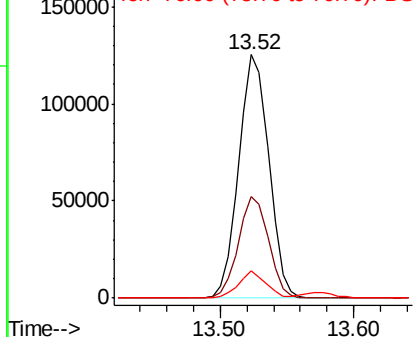


#46
1,1'-Biphenyl
Concen: 38.179 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion:154 Resp: 195275
Ion Ratio Lower Upper
154 100
153 41.6 22.1 62.1
76 11.1 0.0 31.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

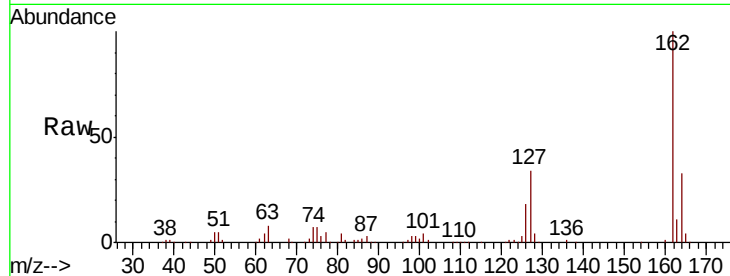




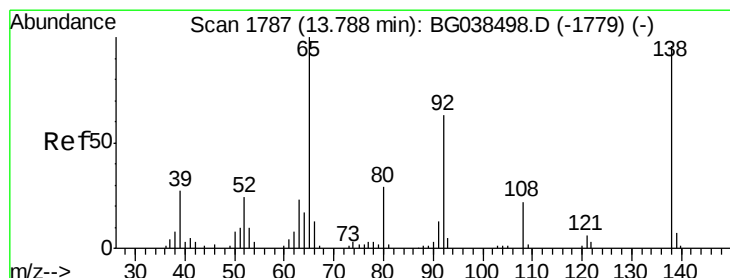
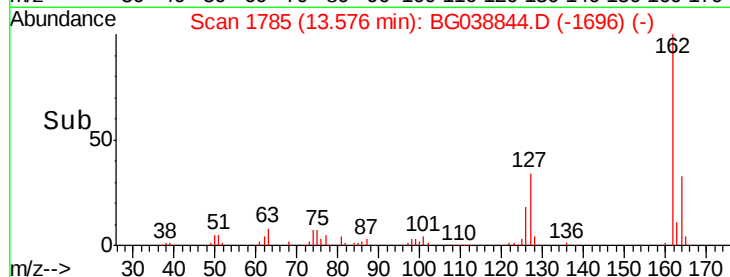
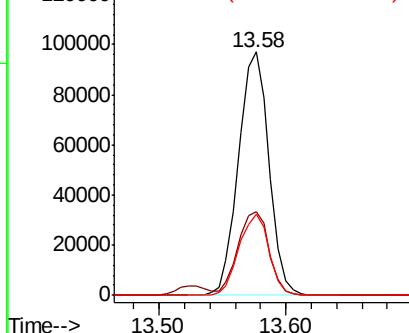
#47
 2-Chloronaphthalene
 Concen: 40.819 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

Tot Ion:162 Resp: 161267
 Ion Ratio Lower Upper
 162 100
 127 34.4 27.8 41.8
 164 33.1 26.9 40.3

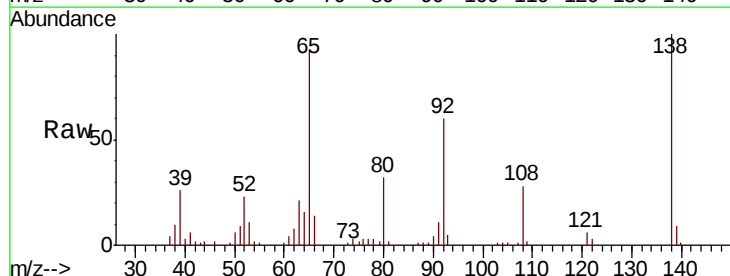


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

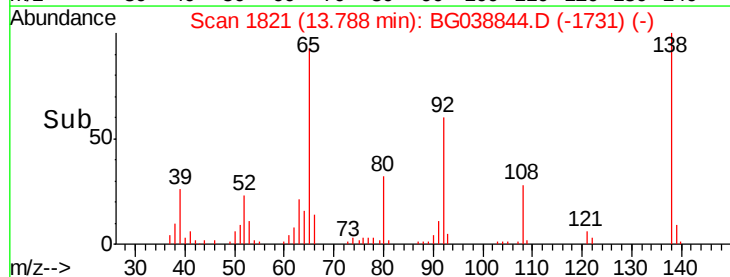
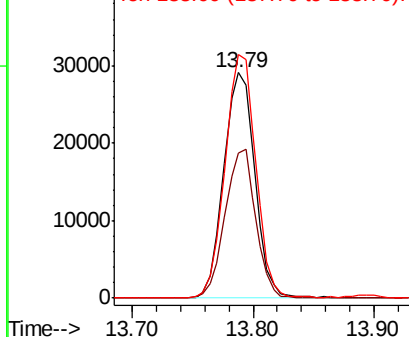


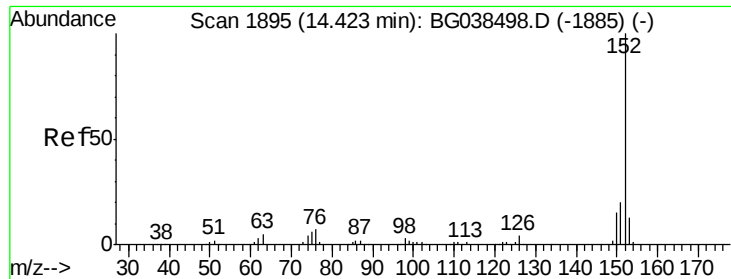
#48
 2-Nitroaniline
 Concen: 41.295 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Tgt Ion: 65 Resp: 51967
 Ion Ratio Lower Upper
 65 100
 92 64.6 50.0 75.0
 138 108.0 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: 45.307 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

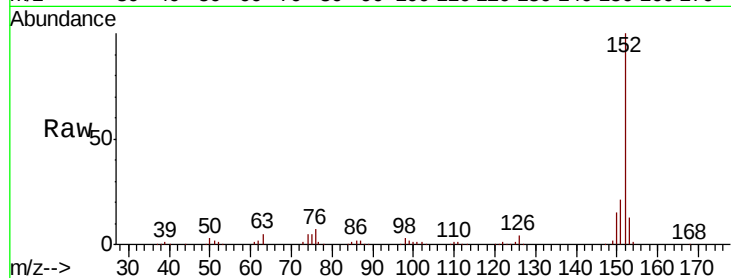
Tot Ion:152 Resp: 267598

Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6

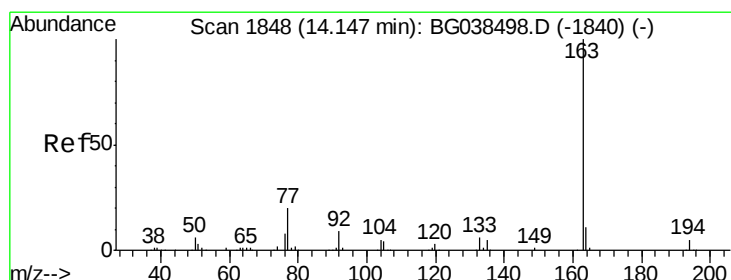
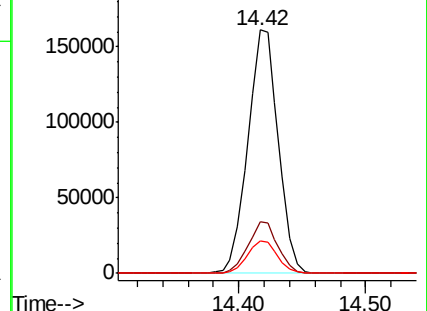
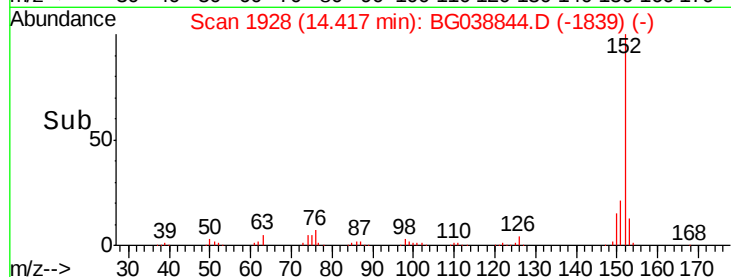
153 13.3 10.4 15.6



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: 44.283 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

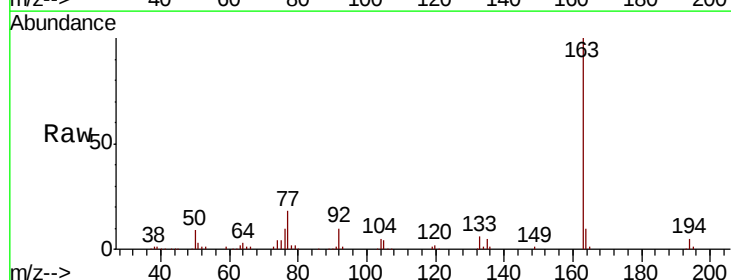
Tgt Ion:163 Resp: 220633

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

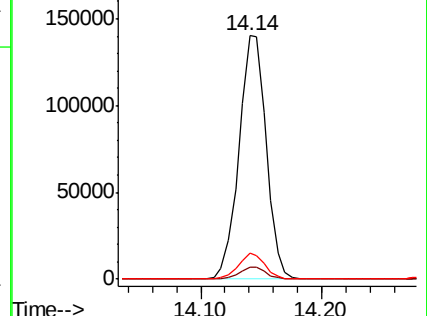
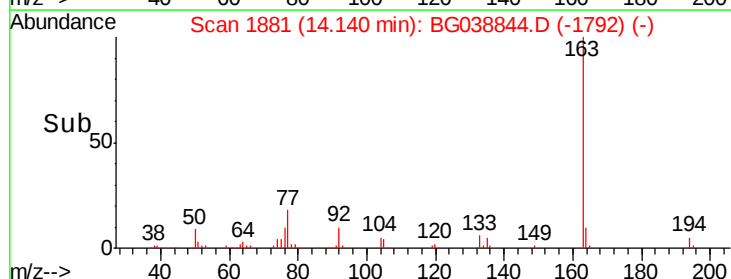
164 10.5 8.6 12.8

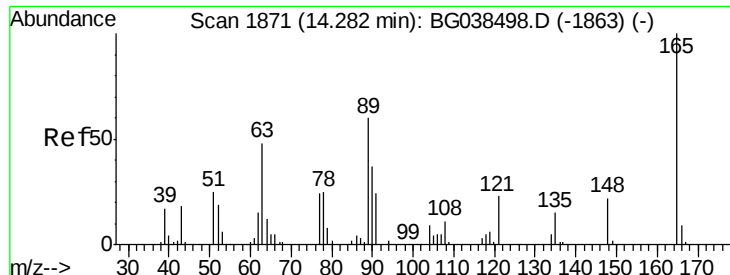


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

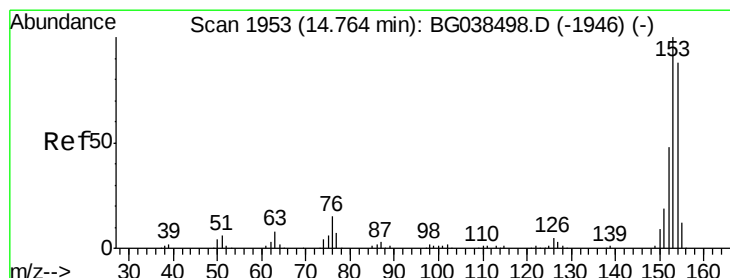
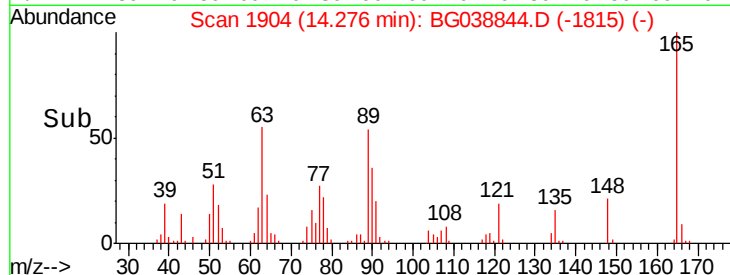
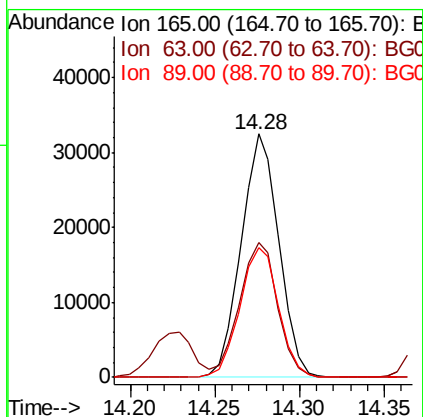
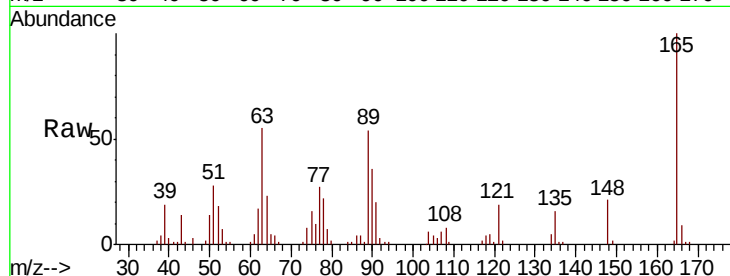




#51
 2,6-Dinitrotoluene
 Concen: 44.549 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

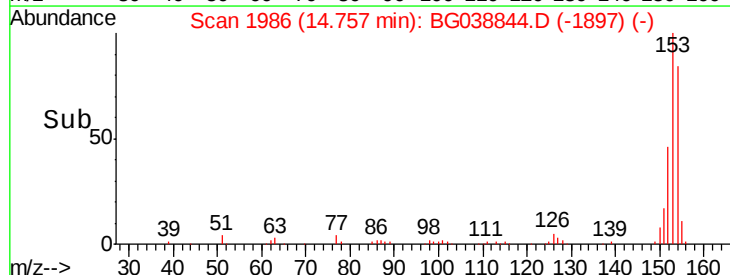
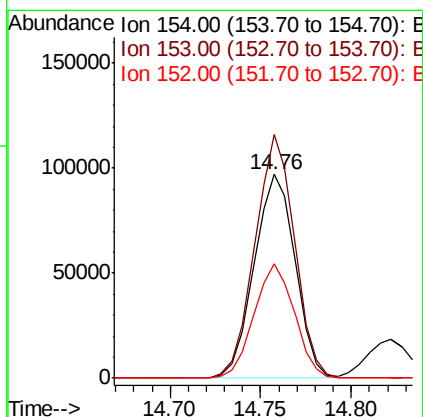
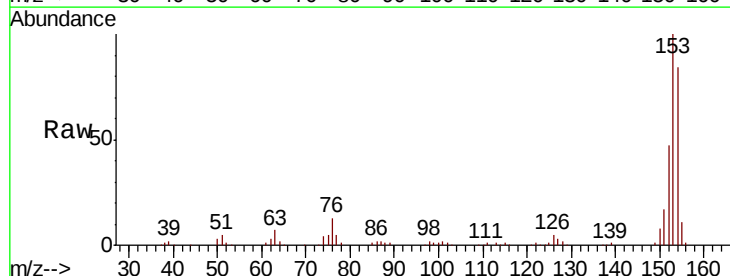
Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

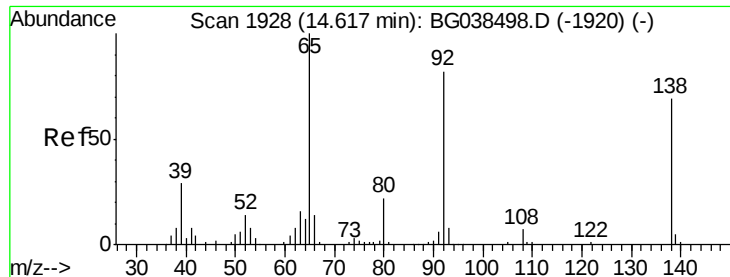
Tot Ion:165 Resp: 50300
 Ion Ratio Lower Upper
 165 100
 63 55.3 51.8 77.6
 89 53.5 47.9 71.9



#52
 Acenaphthene
 Concen: 43.080 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Tgt Ion:154 Resp: 152150
 Ion Ratio Lower Upper
 154 100
 153 119.7 90.6 136.0
 152 55.9 43.5 65.3





#53

3-Nitroaniline

Concen: 32.870 ng

RT: 14.62 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

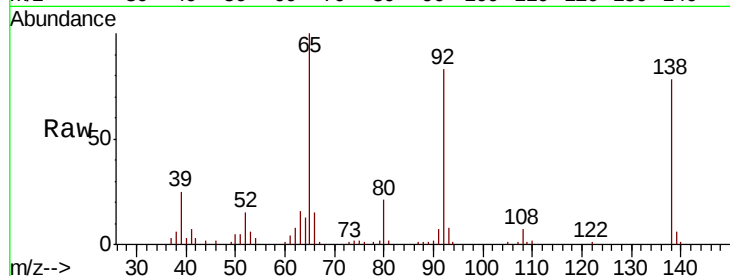
Tot Ion:138 Resp: 37833

Ion Ratio Lower Upper

138 100

108 9.5 7.9 11.9

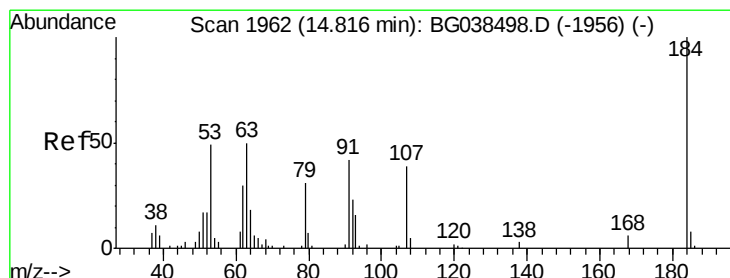
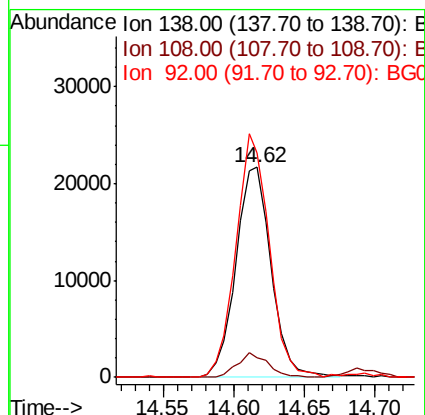
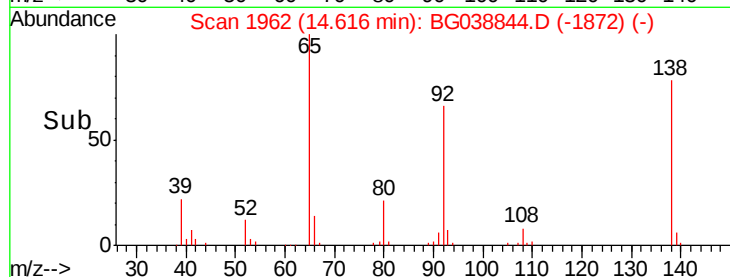
92 107.1 95.3 142.9



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: 78.779 ng

RT: 14.82 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

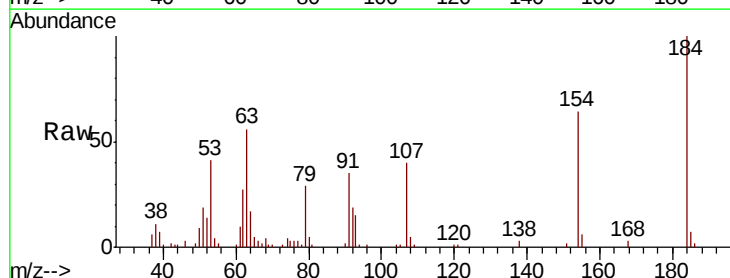
Tgt Ion:184 Resp: 52868

Ion Ratio Lower Upper

184 100

63 55.9 47.0 70.6

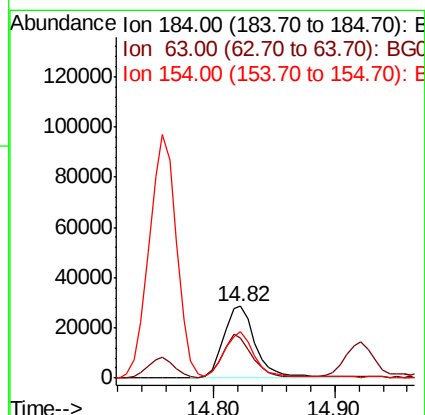
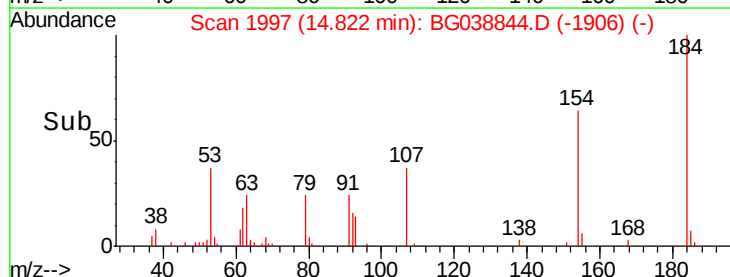
154 63.8 50.3 75.5

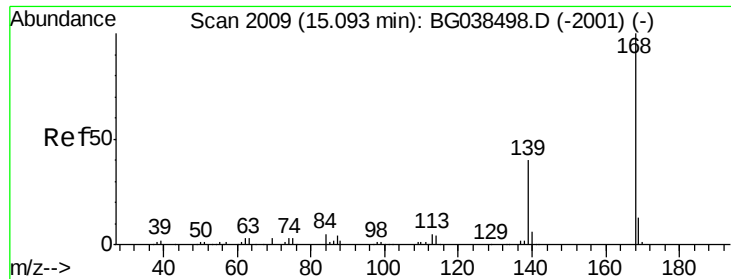


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

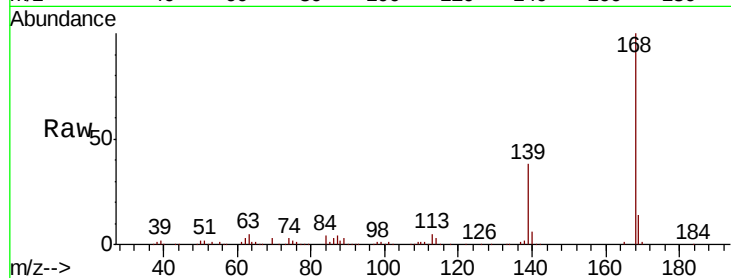




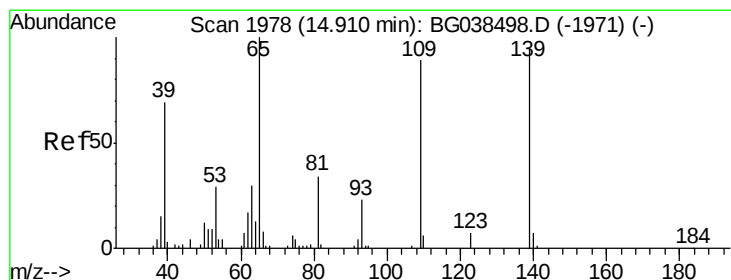
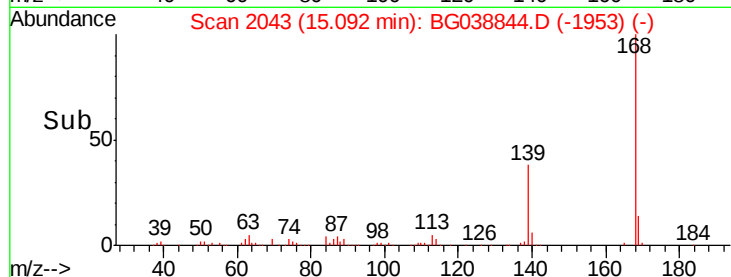
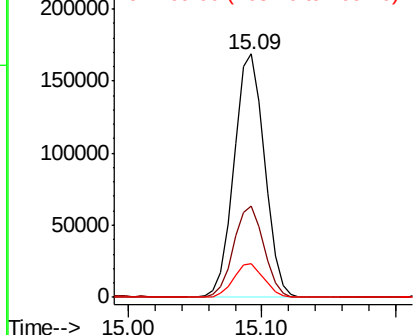
#55
Dibenzenofuran
Concen: 44.071 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion:168 Resp: 266808
Ion Ratio Lower Upper
168 100
139 37.7 32.2 48.2
169 14.1 10.6 16.0

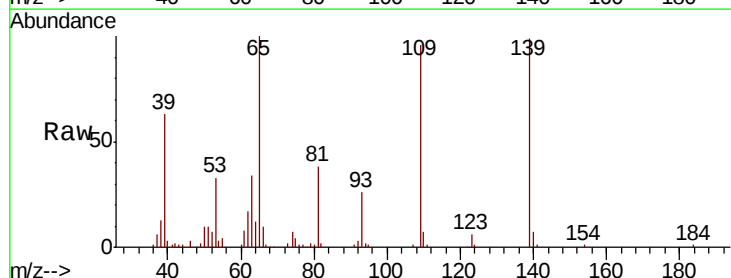


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

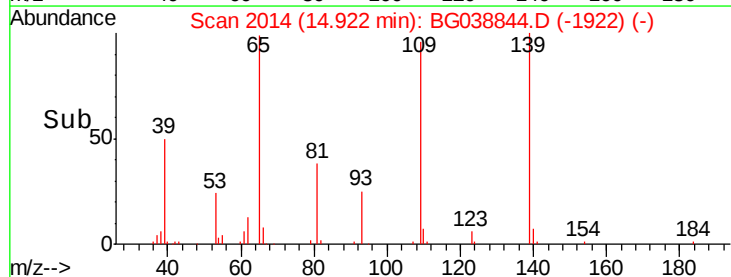
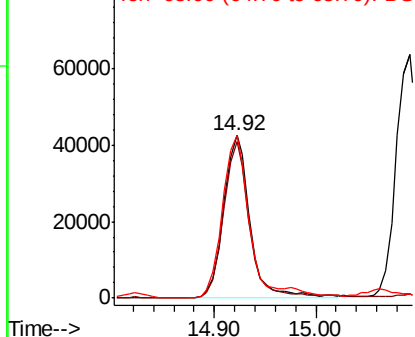


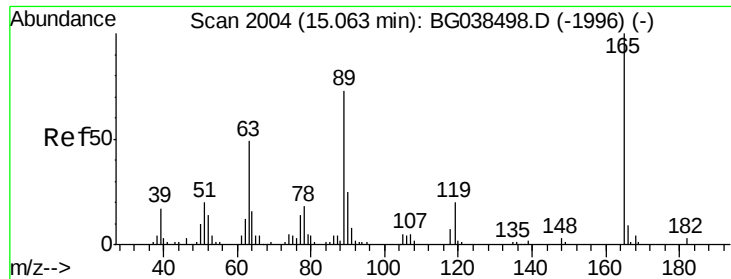
#56
4-Nitrophenol
Concen: 88.668 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion:139 Resp: 77421
Ion Ratio Lower Upper
139 100
109 96.3 73.6 113.6
65 100.6 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

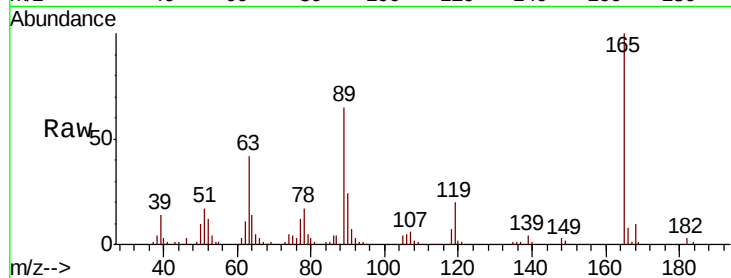




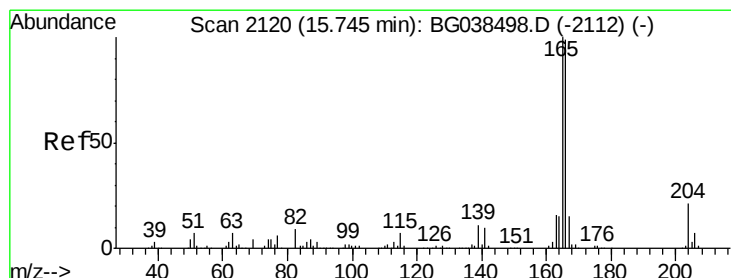
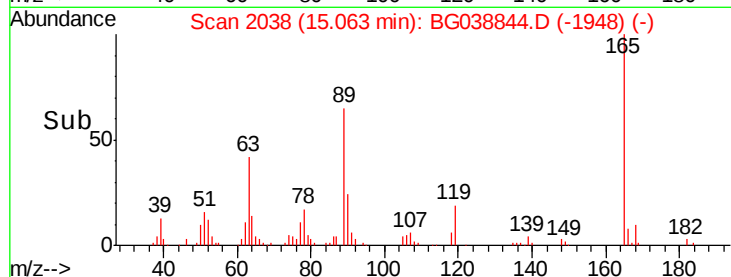
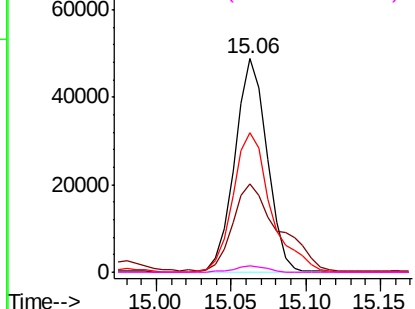
#57
2,4-Dinitrotoluene
Concen: 46.298 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion:165 Resp: 73626
Ion Ratio Lower Upper
165 100
63 41.5 39.0 58.4
89 65.1 58.0 87.0
182 2.9 2.3 3.5

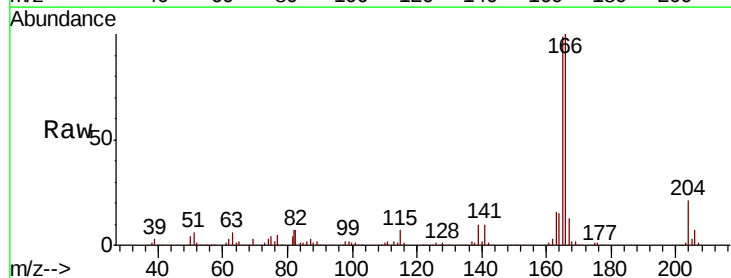


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

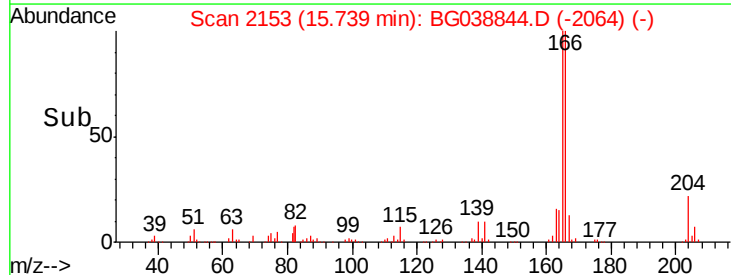
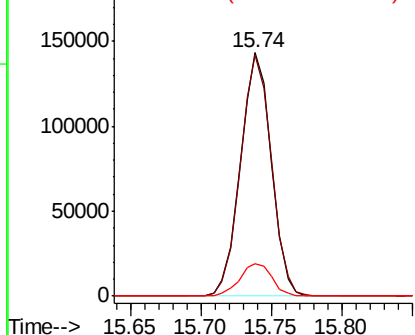


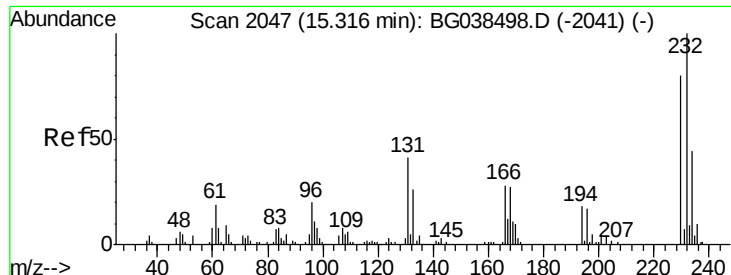
#58
Fluorene
Concen: 48.627 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion:166 Resp: 218105
Ion Ratio Lower Upper
166 100
165 98.9 80.6 120.8
167 13.2 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: 52.253 ng

RT: 15.32 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

Tot Ion:232 Resp: 69796

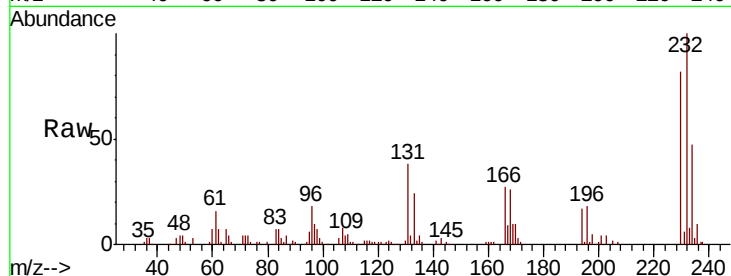
Ion Ratio Lower Upper

232 100

131 37.0 33.0 49.4

130 2.3 2.0 3.0

166 27.3 23.1 34.7

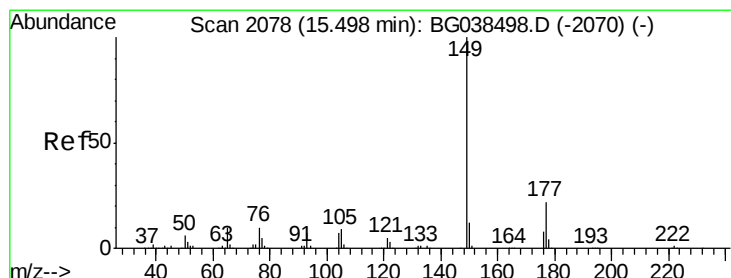
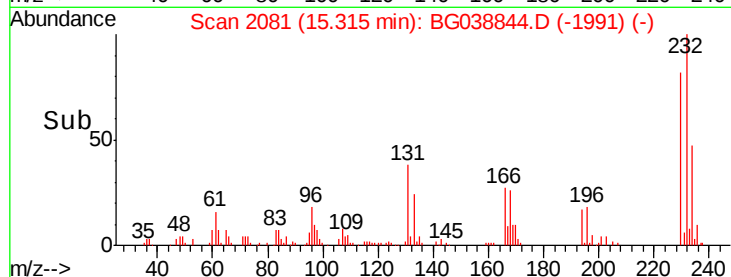
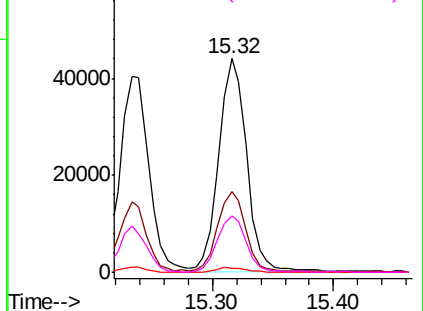


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.311 ng

RT: 15.50 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

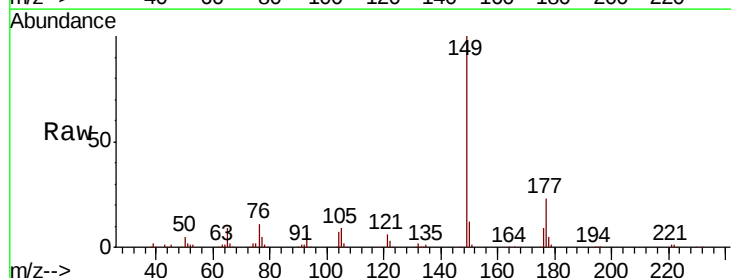
Tgt Ion:149 Resp: 231421

Ion Ratio Lower Upper

149 100

177 23.0 17.7 26.5

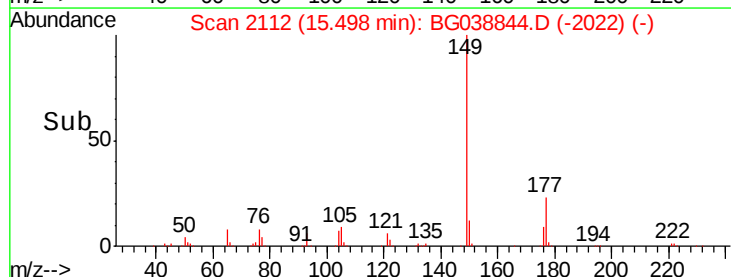
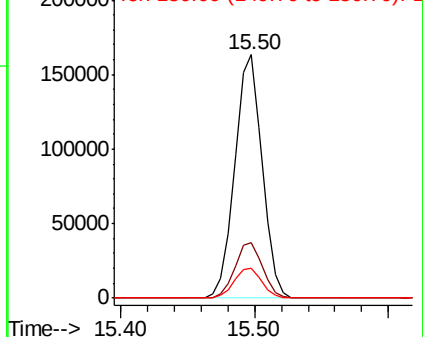
150 12.4 9.9 14.9

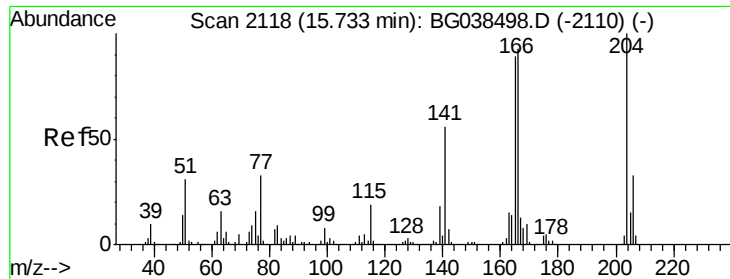


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

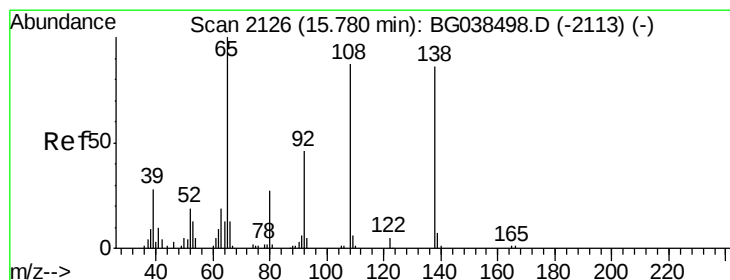
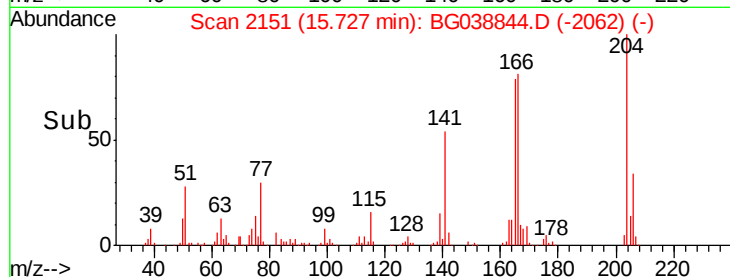
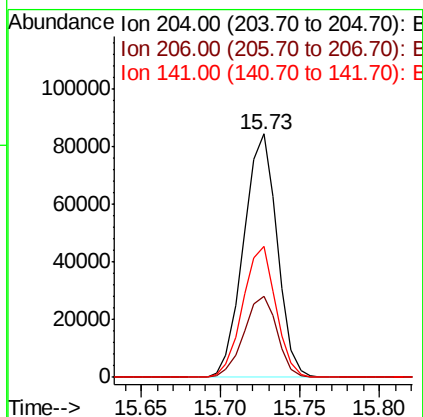
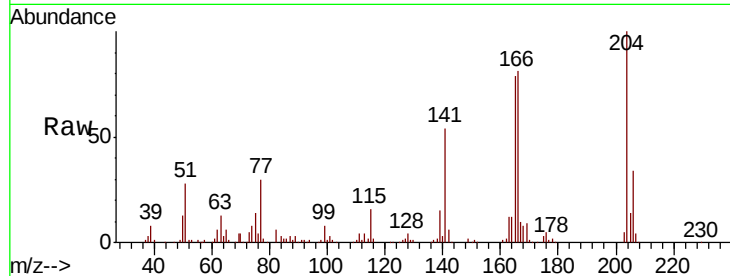




#61
4-Chlorophenyl-phenylether
Concen: 44.280 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

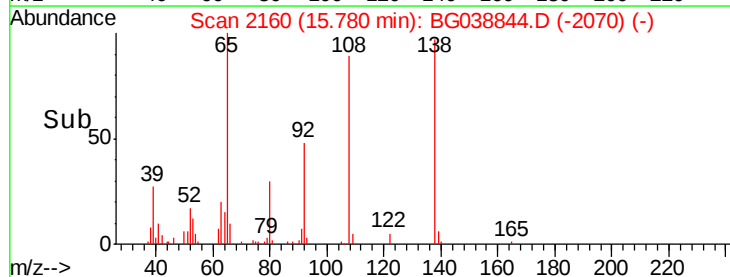
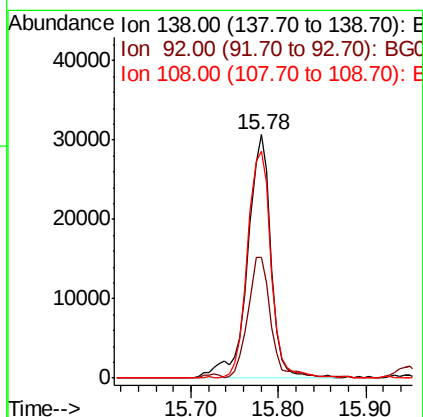
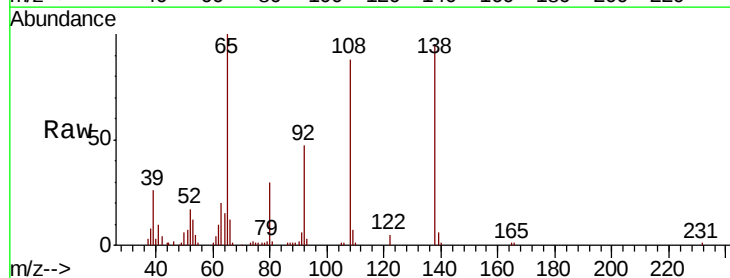
Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion:204 Resp: 123918
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 53.8 44.4 66.6



#62
4-Nitroaniline
Concen: 46.508 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion:138 Resp: 55109
Ion Ratio Lower Upper
138 100
92 49.8 33.3 73.3
108 93.3 81.4 121.4

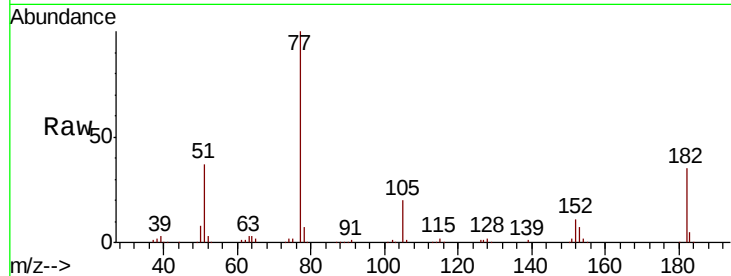




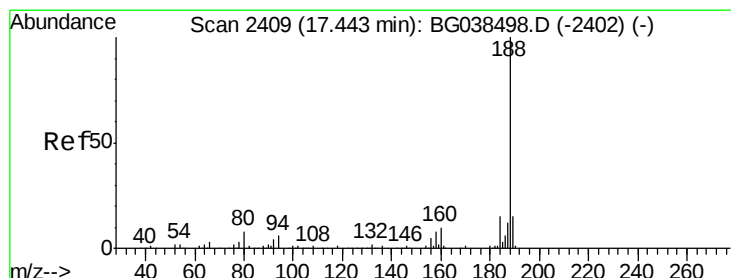
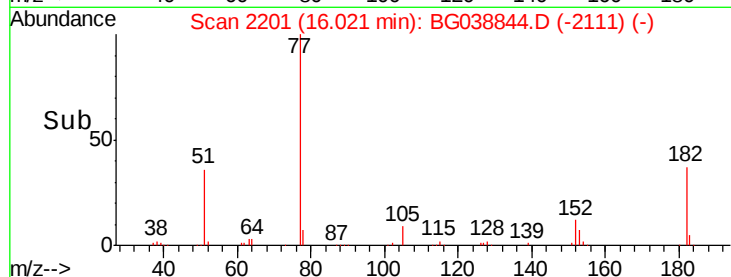
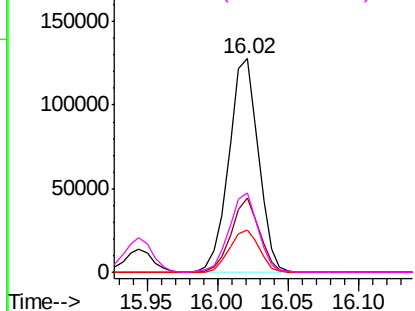
#63
Azobenzene
Concen: 40.820 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	34.7	8.7	48.7
105	20.1	0.0	38.7
51	37.4	16.6	56.6

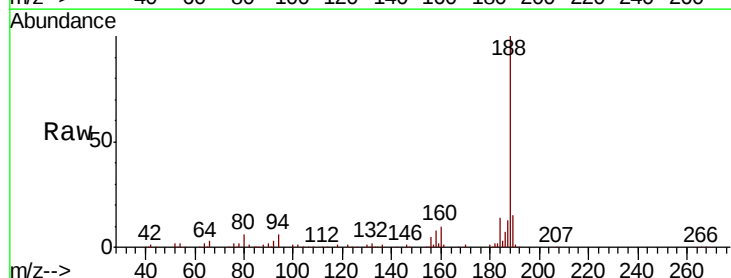


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

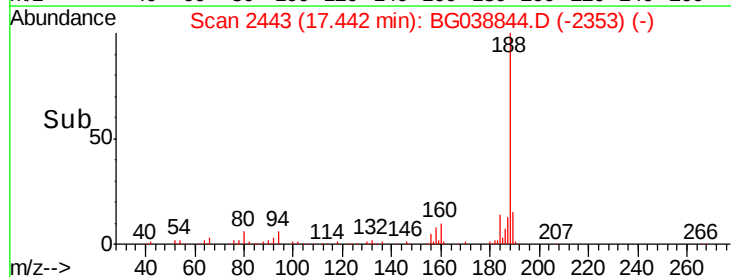
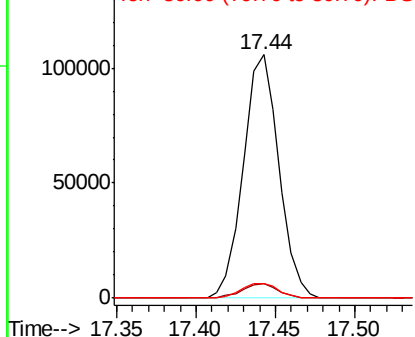


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	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

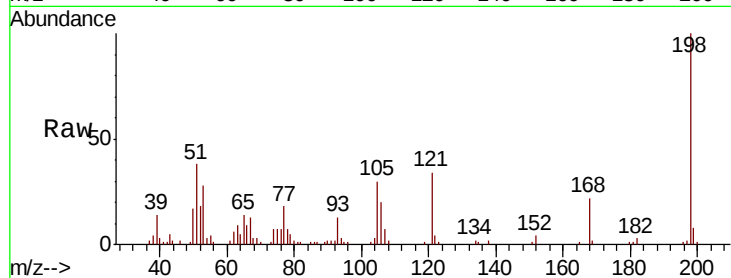




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.589 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.01 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.1	28.6	68.6
105	29.8	20.4	60.4

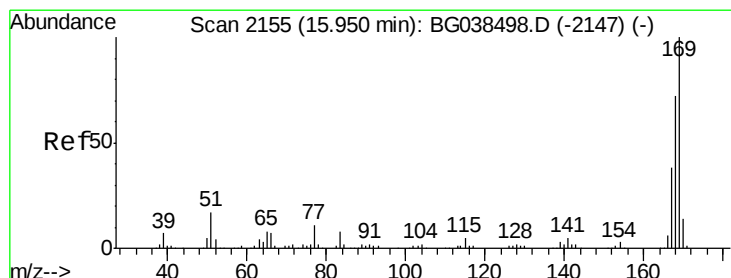
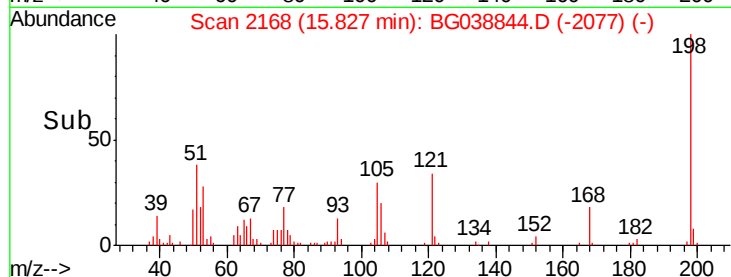
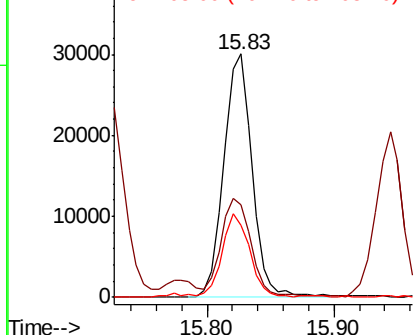


Abundance

Ion 198.00 (197.70 to 198.70): E

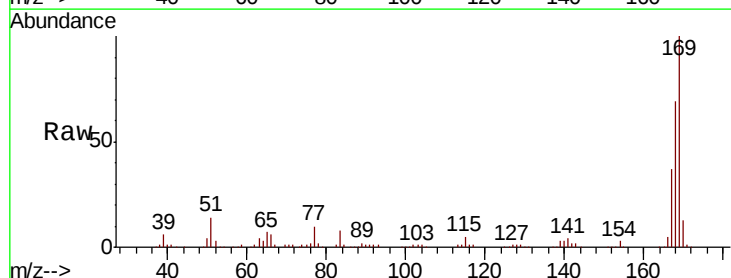
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 42.171 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.3	57.5	86.3
167	36.8	30.2	45.2

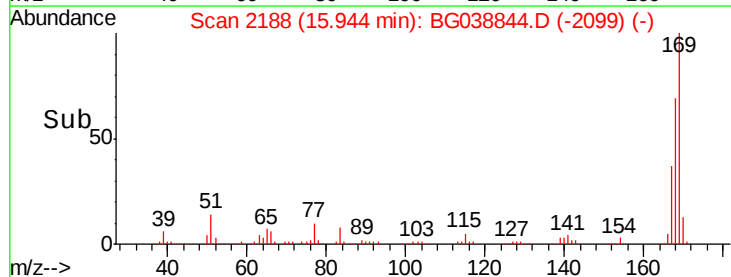
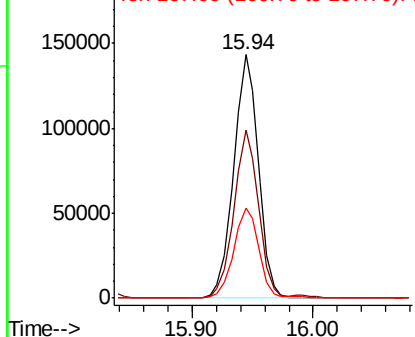


Abundance

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

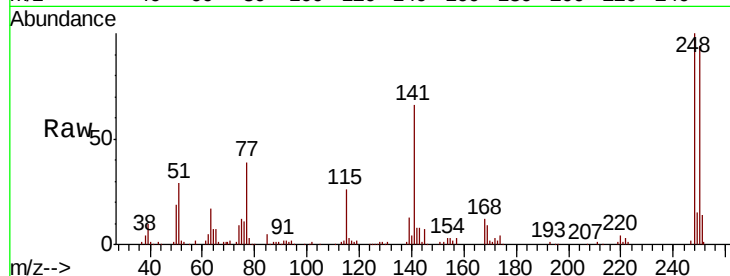




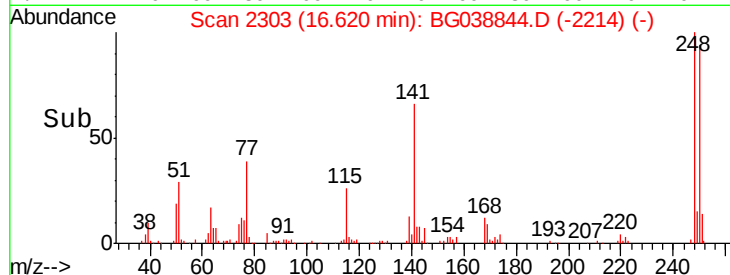
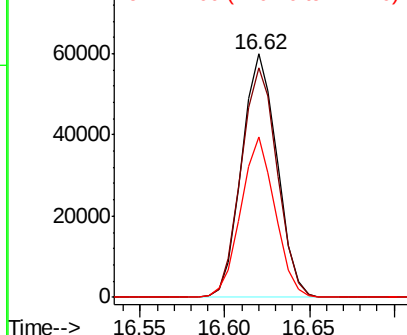
#67
 4-Bromophenyl-phenylether
 Concen: 43.397 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

Tot Ion:248 Resp: 87279
 Ion Ratio Lower Upper
 248 100
 250 94.1 73.4 110.2
 141 66.0 52.9 79.3

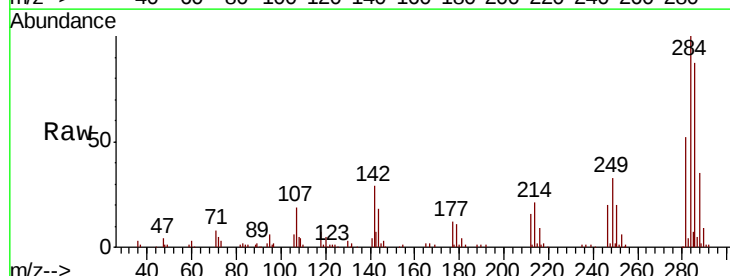


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

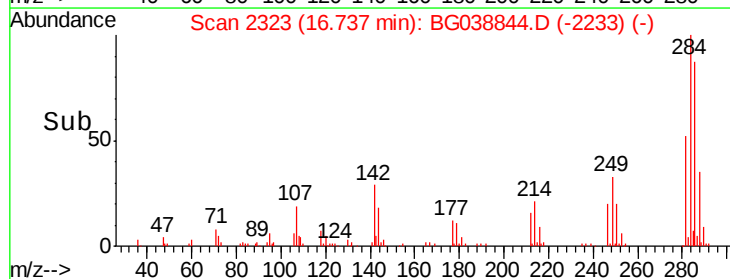
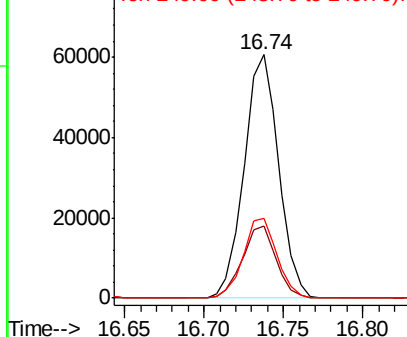


#68
 Hexachlorobenzene
 Concen: 43.787 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Tgt Ion:284 Resp: 91289
 Ion Ratio Lower Upper
 284 100
 142 29.5 25.8 38.6
 249 35.4 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: 47.229 ng

RT: 16.88 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

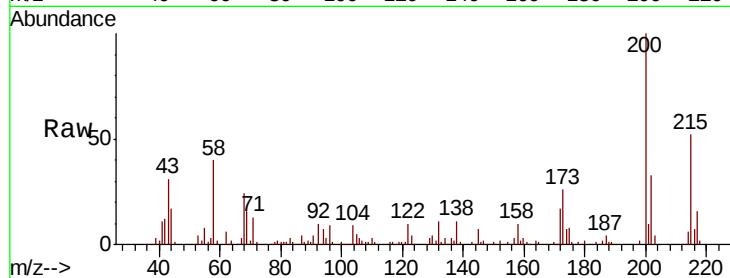
Tot Ion:200 Resp: 84808

Ion Ratio Lower Upper

200 100

173 25.6 5.9 45.9

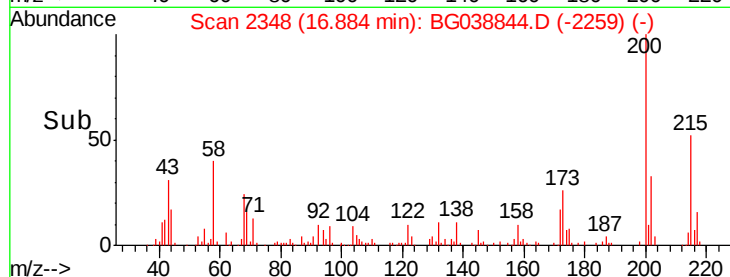
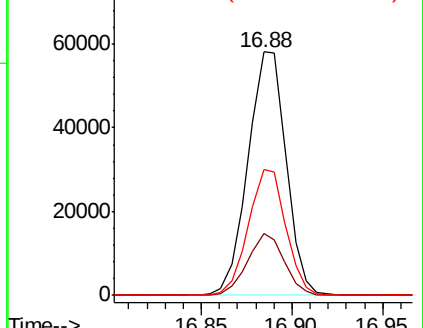
215 51.6 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 76.157 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

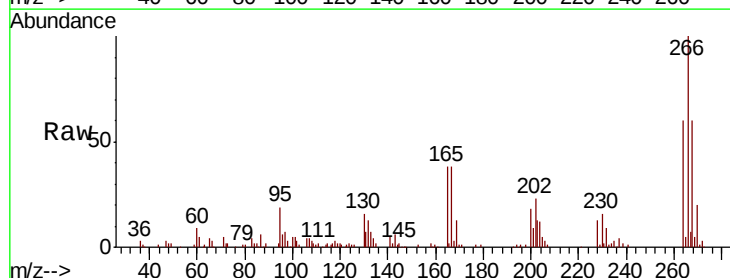
Tgt Ion:266 Resp: 93913

Ion Ratio Lower Upper

266 100

268 64.8 55.0 82.6

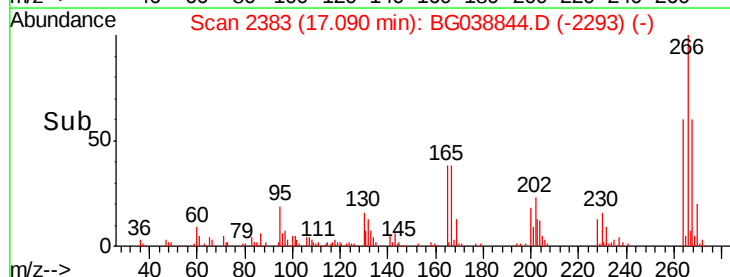
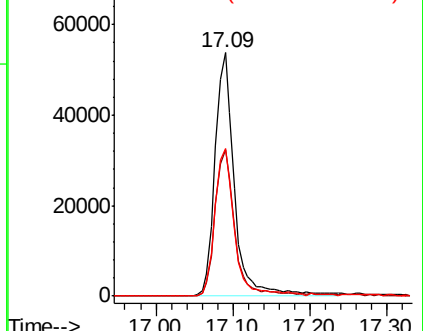
264 60.5 56.7 85.1

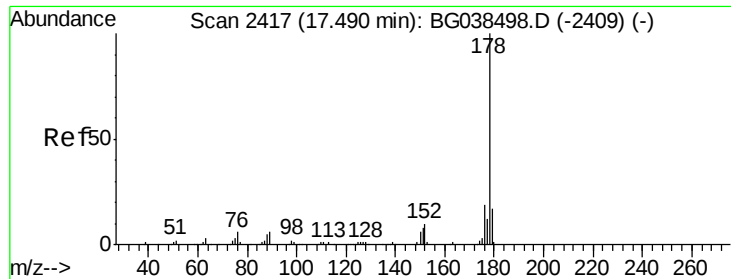


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

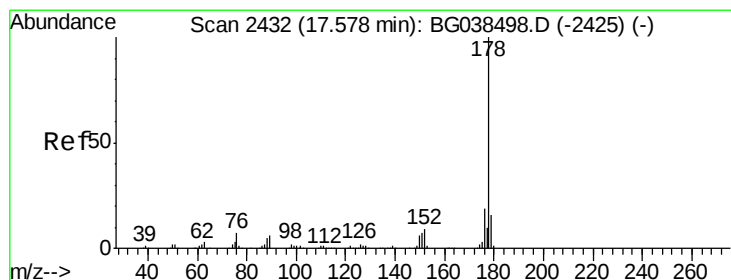
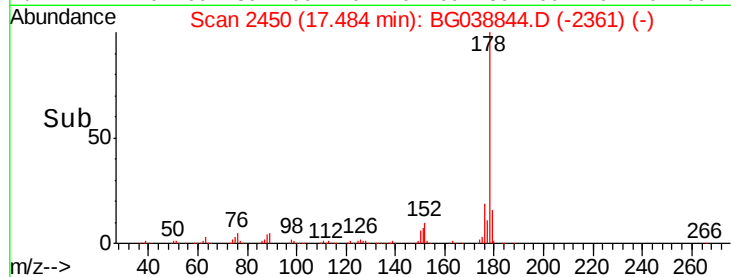
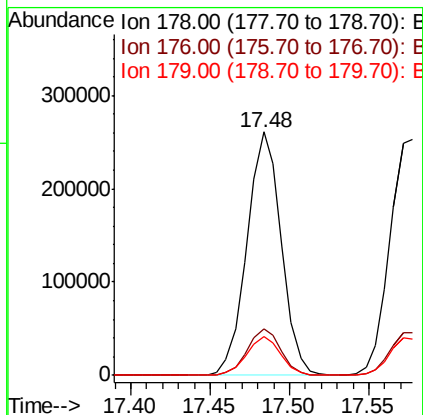
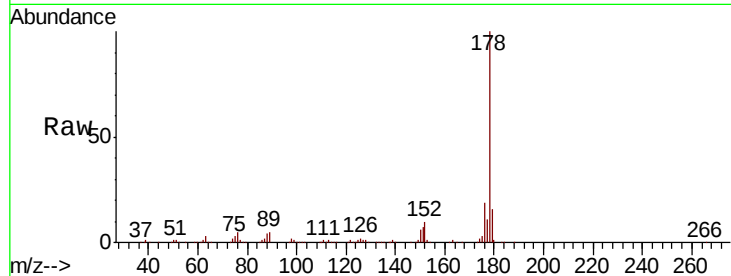




#71
Phenanthrene
Concen: 45.763 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

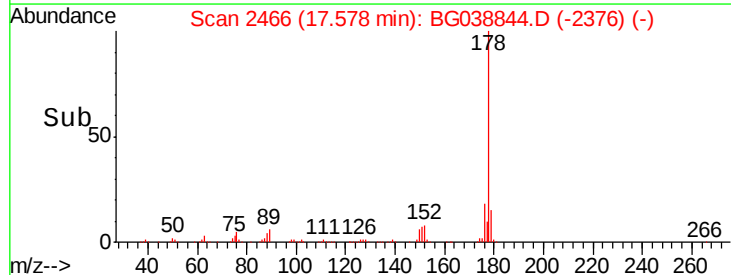
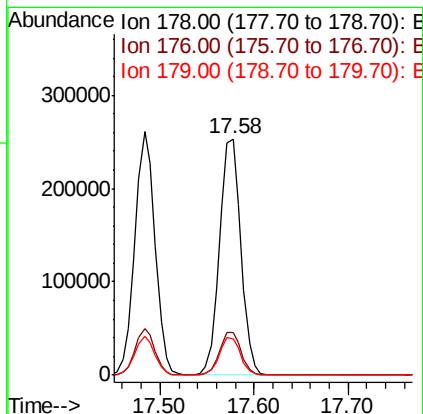
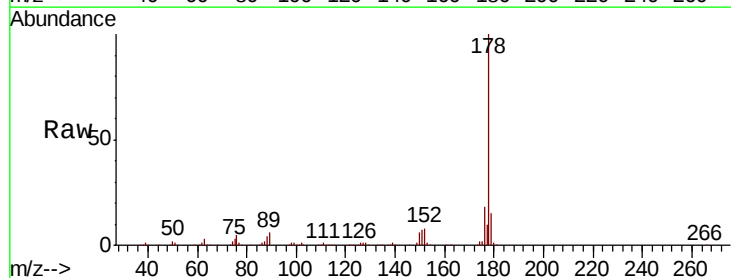
Instrument :
BNA_G
ClientSampleId :
PB116010BS

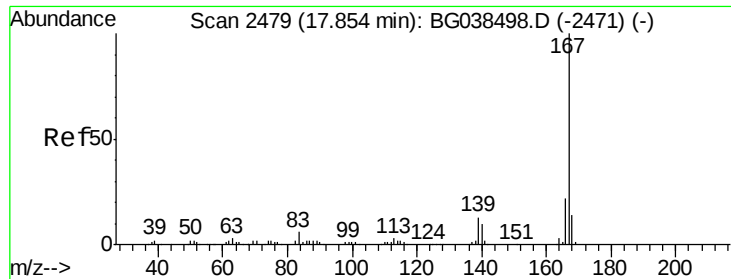
Tot Ion:178 Resp: 390801
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 16.0 13.2 19.8



#72
Anthracene
Concen: 47.788 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion:178 Resp: 402875
Ion Ratio Lower Upper
178 100
176 18.3 15.1 22.7
179 15.2 12.9 19.3

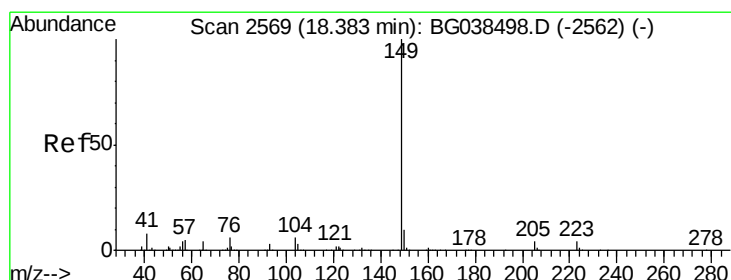
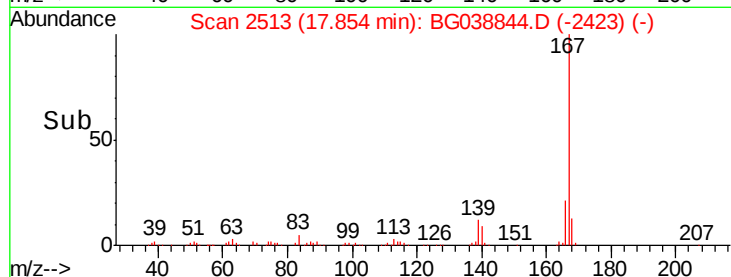
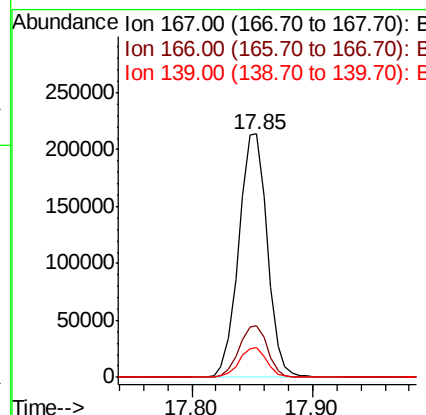
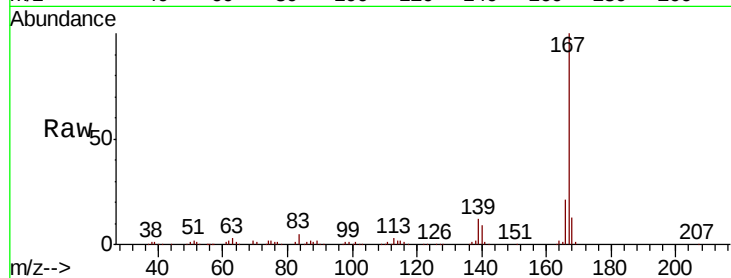




#73
 Carbazole
 Concen: 42.378 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

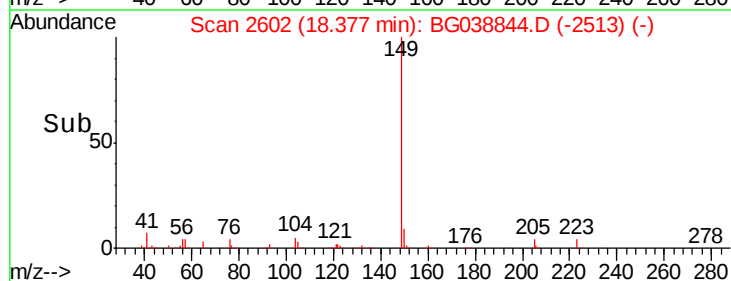
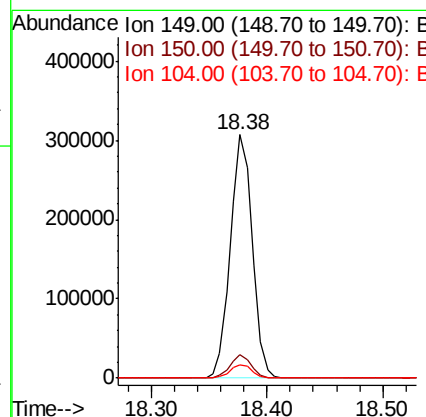
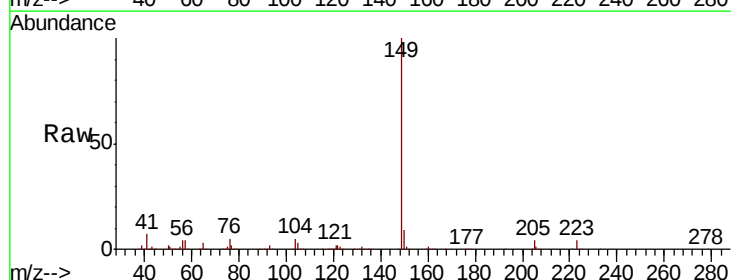
Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

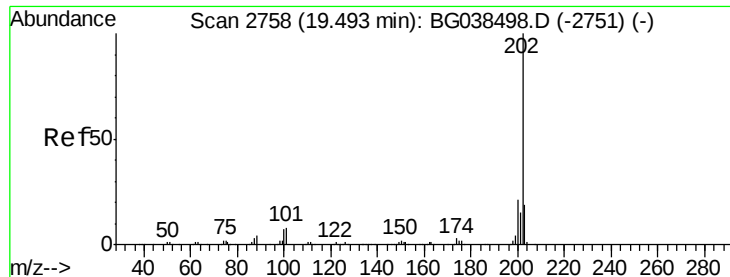
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.9	26.9
139	12.5	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 42.125 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.01 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	5.5	5.0	7.4





#75

Fluoranthene

Concen: 45.431 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

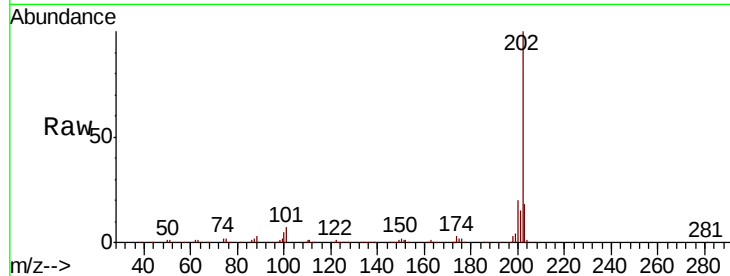
Tot Ion:202 Resp: 480024

Ion Ratio Lower Upper

202 100

101 6.8 0.0 28.1

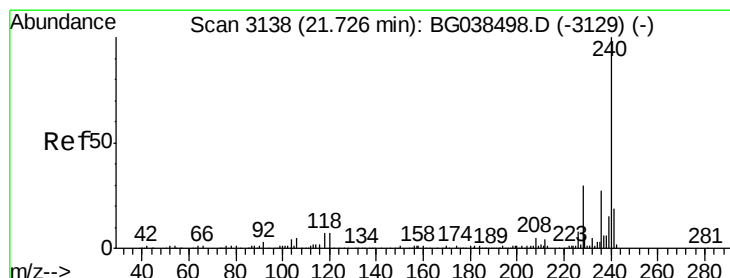
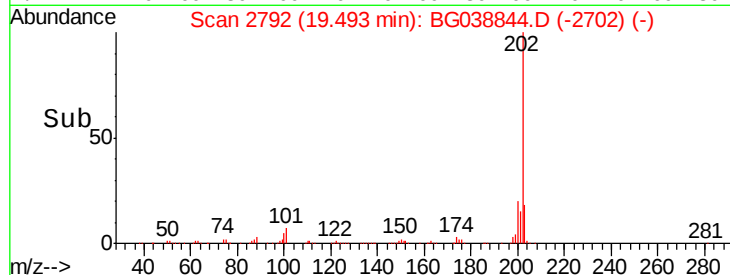
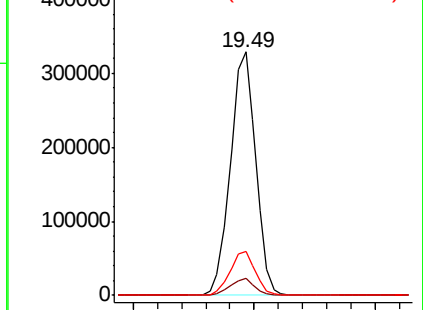
203 17.9 0.0 39.0



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. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

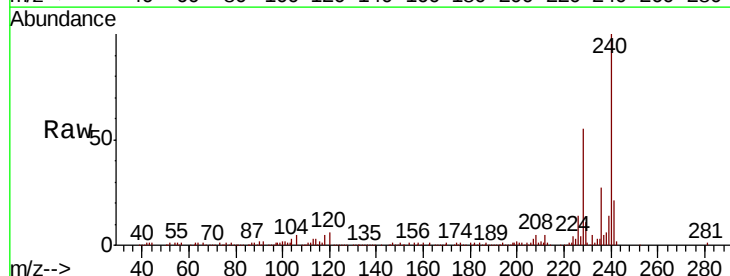
Tgt Ion:240 Resp: 164056

Ion Ratio Lower Upper

240 100

120 5.8 5.3 7.9

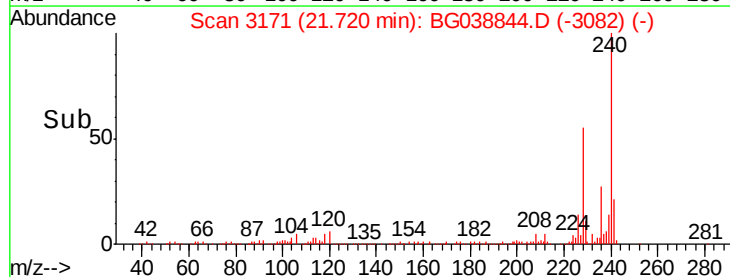
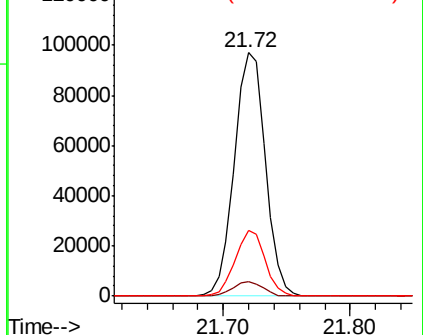
236 27.0 21.4 32.2

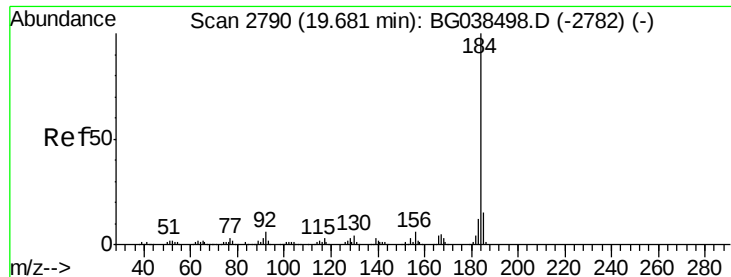


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.134 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

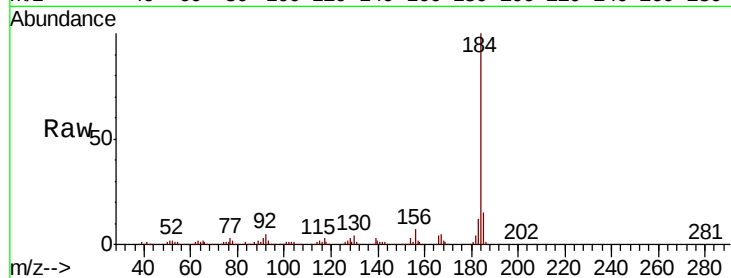
Tot Ion:184 Resp: 218979

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

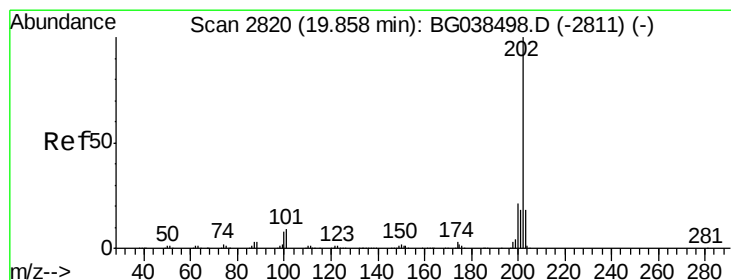
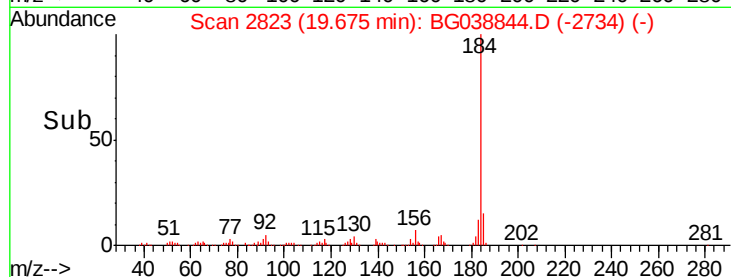
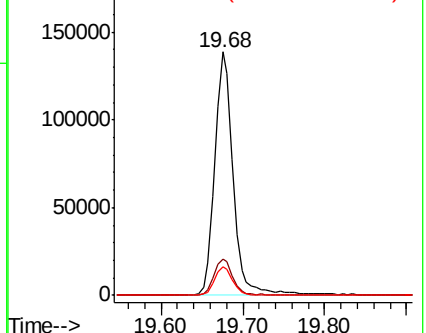
183 11.9 9.6 14.4



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: 43.773 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

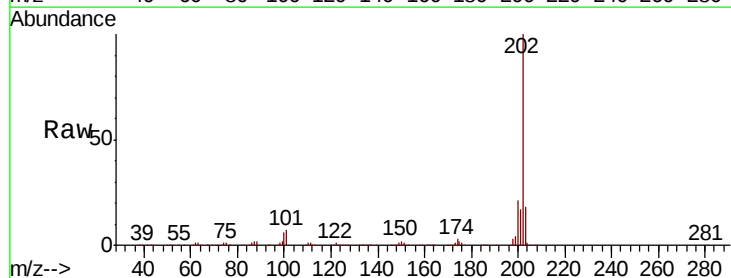
Tgt Ion:202 Resp: 474412

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

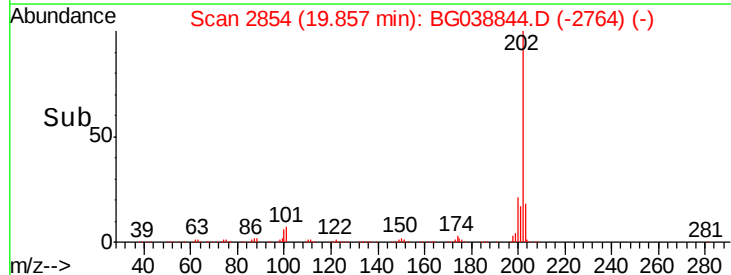
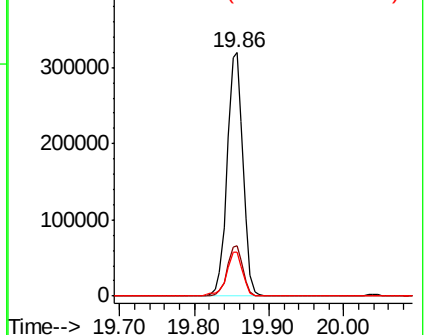
203 18.1 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.186 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

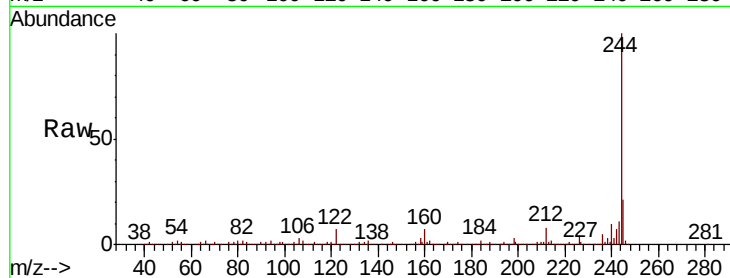
Tot Ion:244 Resp: 627069

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

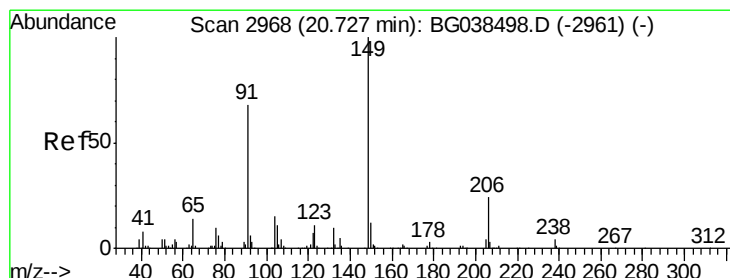
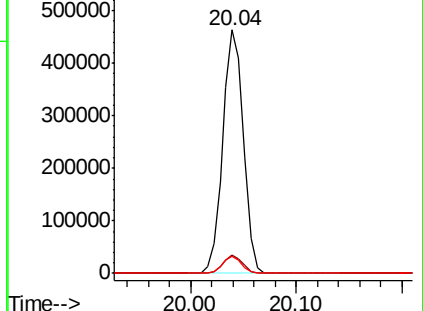
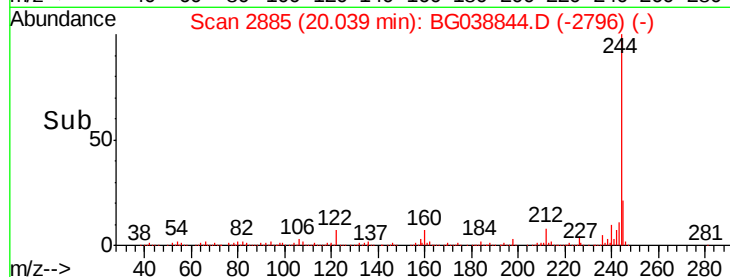
122 6.8 6.3 9.5



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: 40.647 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

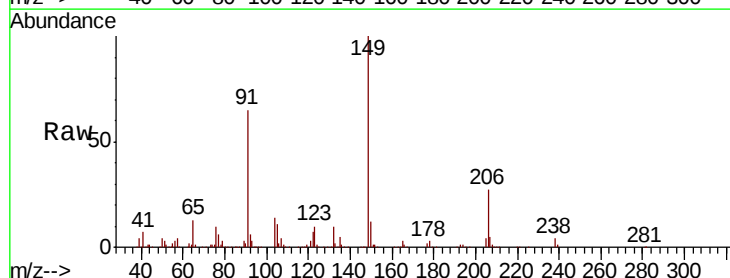
Tgt Ion:149 Resp: 172111

Ion Ratio Lower Upper

149 100

91 64.9 54.5 81.7

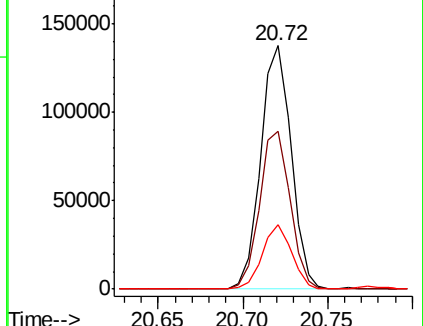
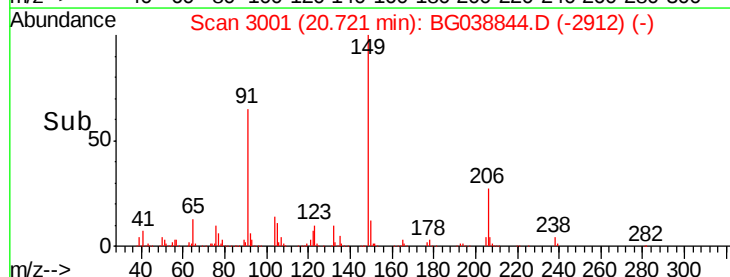
206 26.6 19.0 28.6

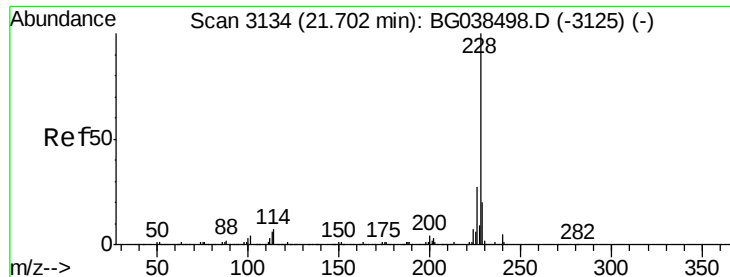


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.223 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

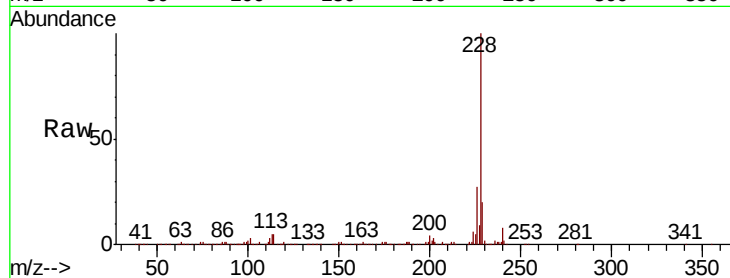
Tot Ion:228 Resp: 452083

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

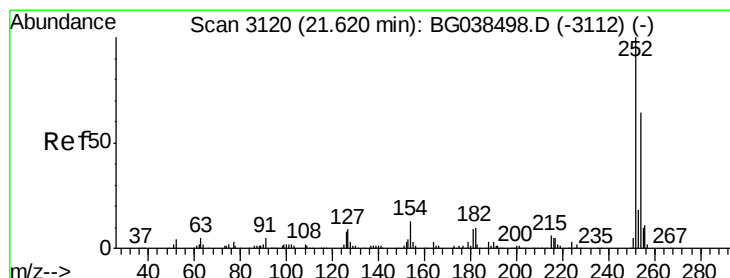
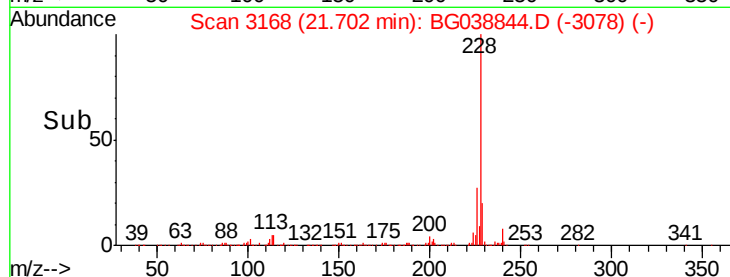
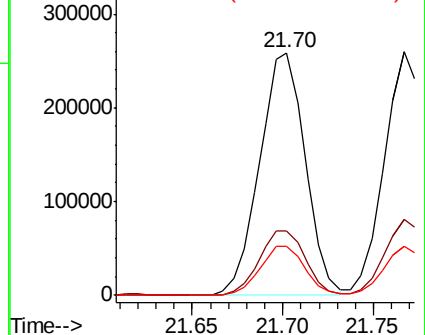
229 20.2 15.8 23.6



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: 32.870 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

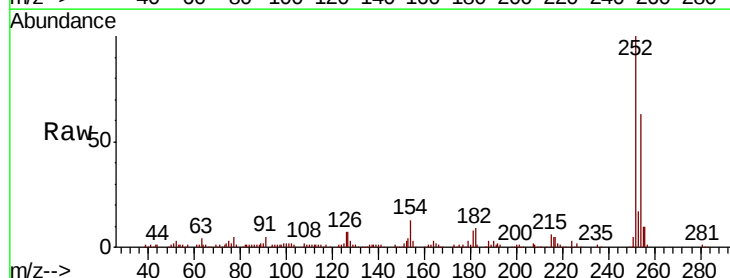
Tgt Ion:252 Resp: 130322

Ion Ratio Lower Upper

252 100

254 62.7 50.9 76.3

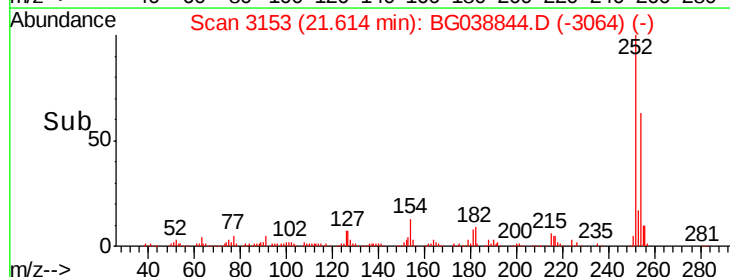
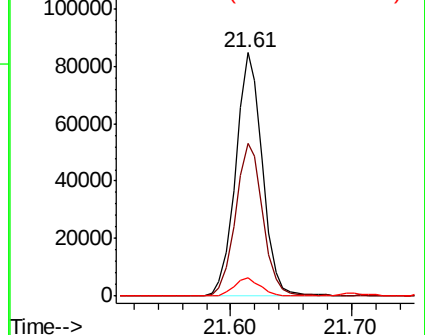
126 7.3 6.3 9.5

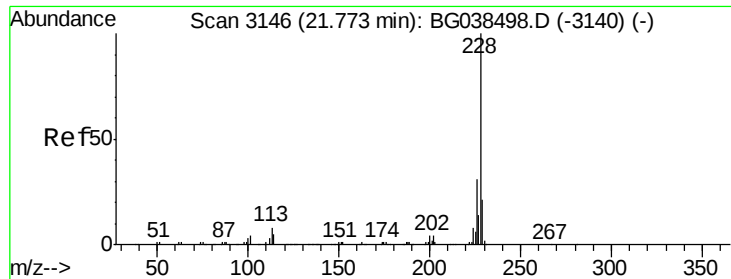


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.552 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

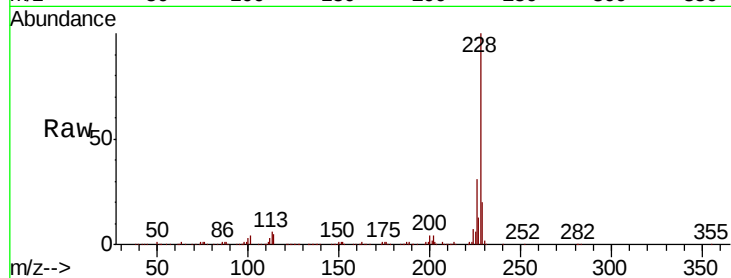
BNA_G

ClientSampleId :

PB116010BS

Tot Ion:228 Resp: 419354

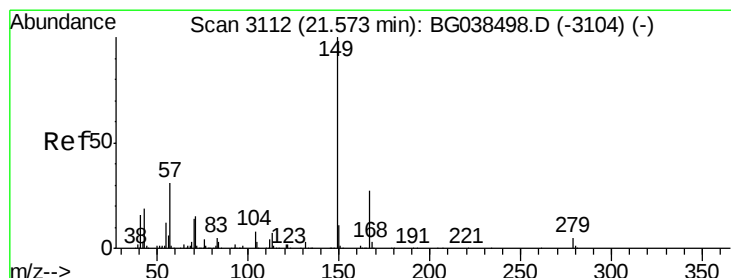
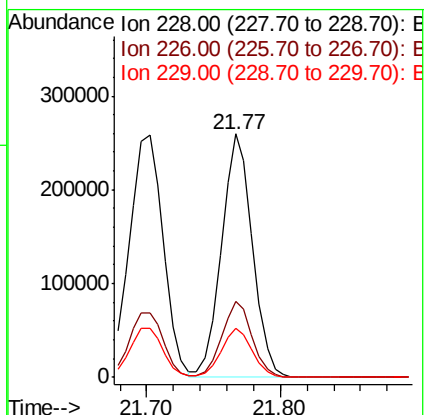
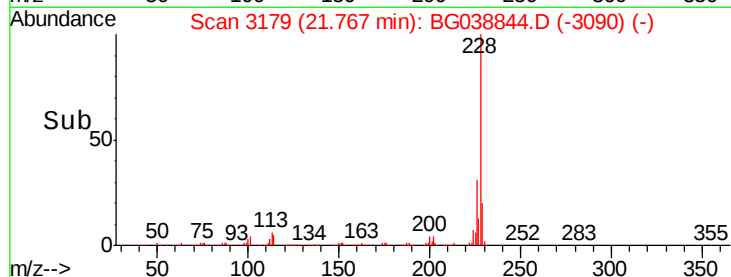
Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.4
229	20.2	16.5	24.7



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: 39.816 ng

RT: 21.57 min Scan# 3145

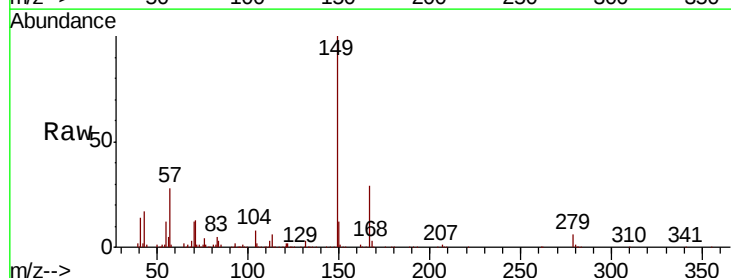
Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Tgt Ion:149 Resp: 239110

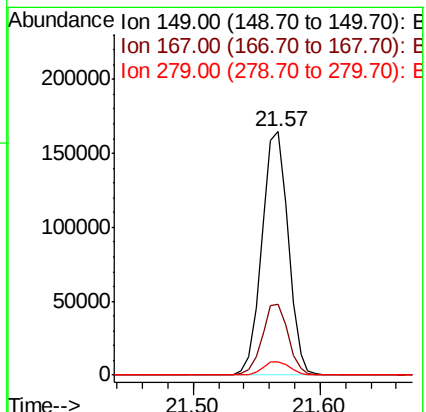
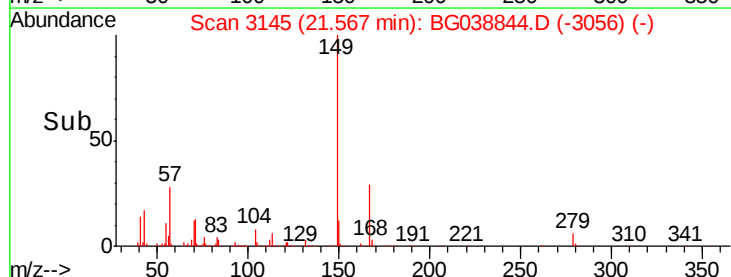
Ion	Ratio	Lower	Upper
149	100		
167	29.2	21.9	32.9
279	5.5	4.2	6.2

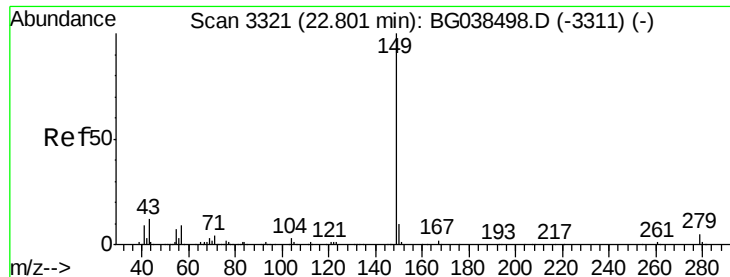


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

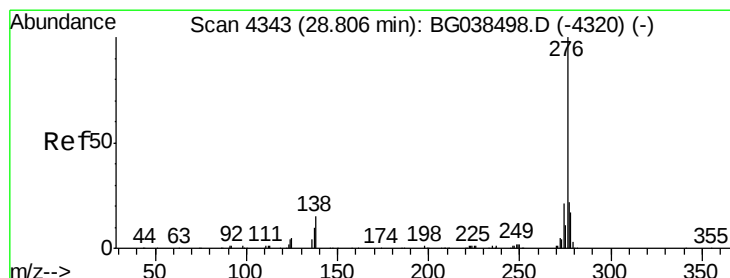
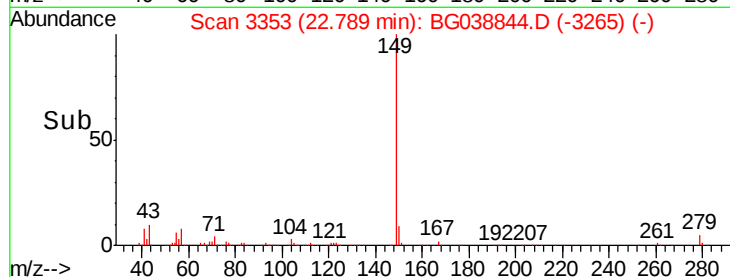
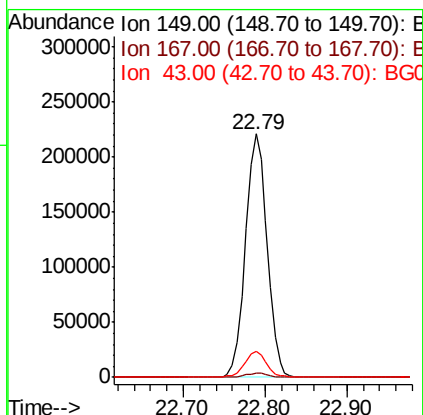
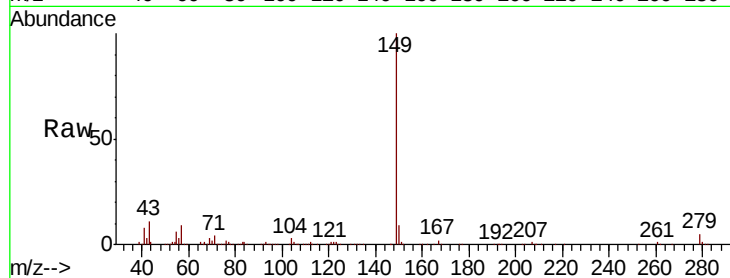




#85
Di-n-octyl phthalate
Concen: 40.364 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

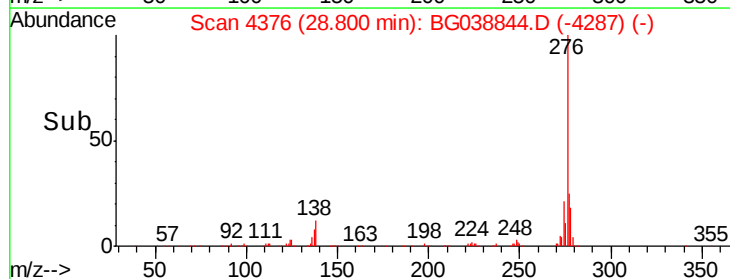
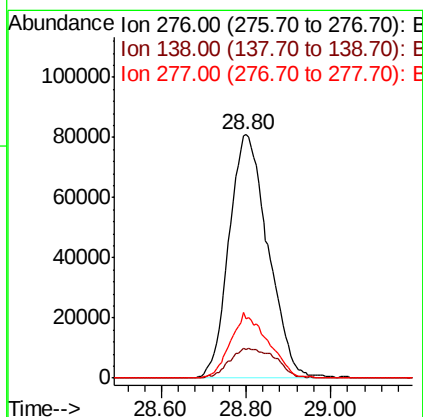
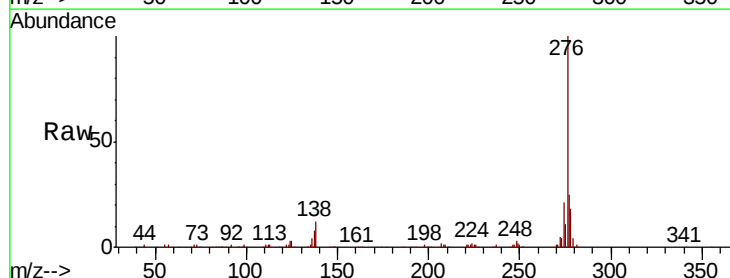
Instrument :
BNA_G
ClientSampleId :
PB116010BS

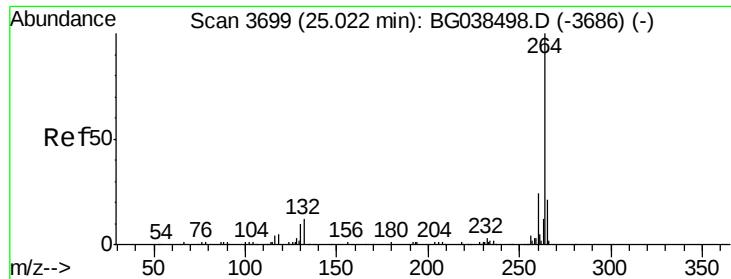
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.3	9.3	13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.637 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	14.4	21.6
277	25.8	0.0	0.0#

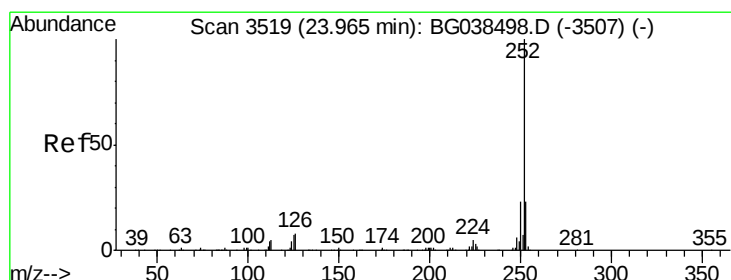
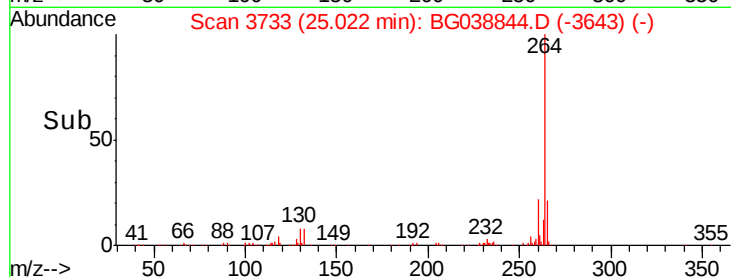
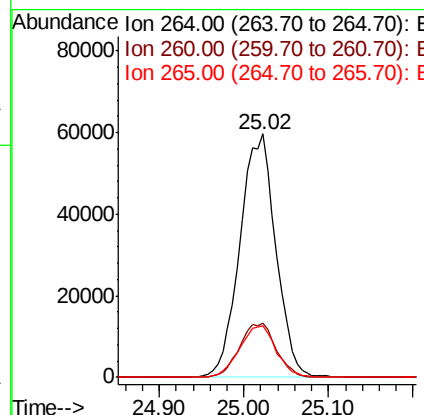
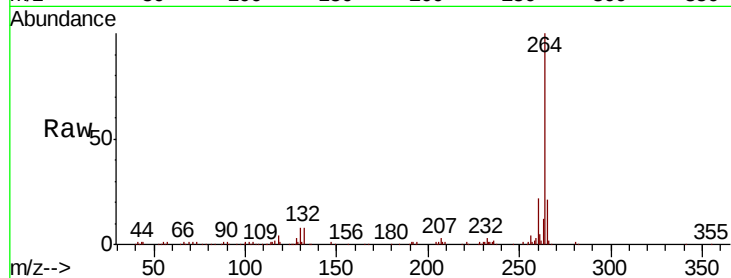




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

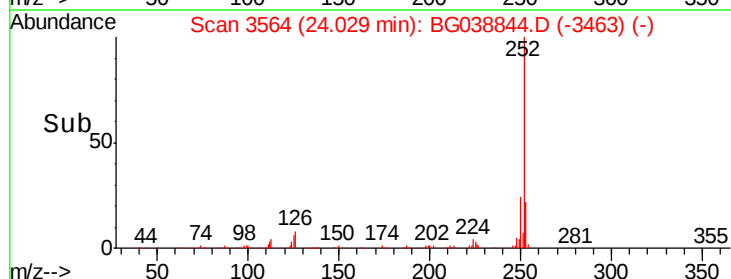
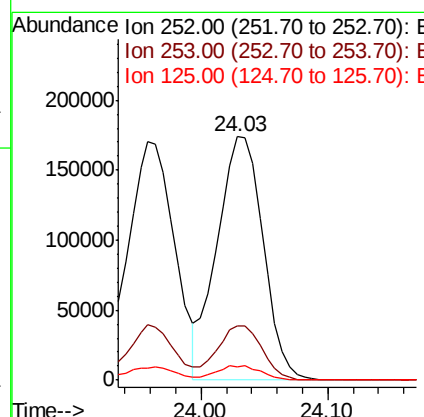
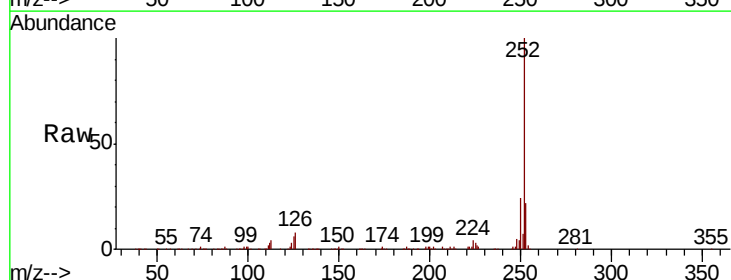
Instrument :
BNA_G
ClientSampleId :
PB116010BS

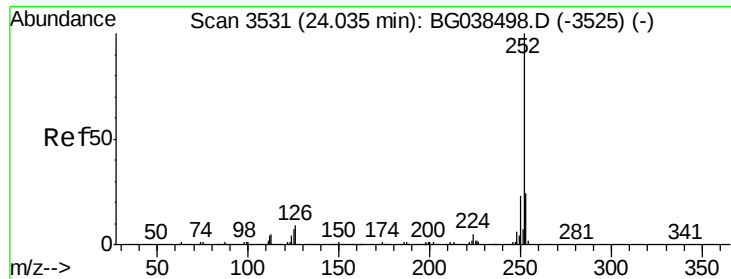
Tot Ion:264 Resp: 175580
Ion Ratio Lower Upper
264 100
260 22.3 18.9 28.3
265 21.1 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 45.391 ng
RT: 24.03 min Scan# 3564
Delta R.T. 0.06 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion:252 Resp: 437575
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 5.7 5.5 8.3

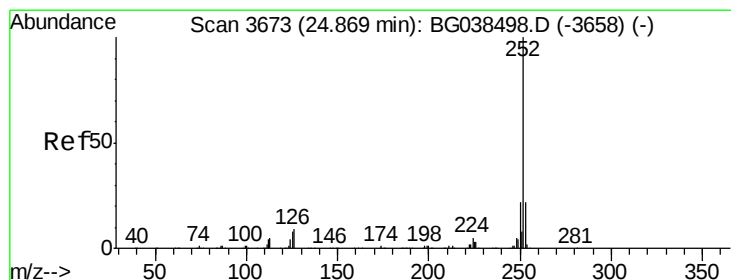
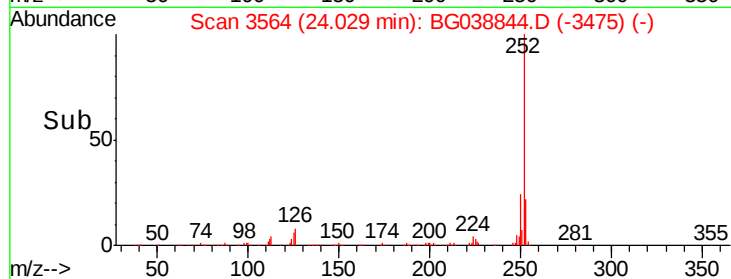
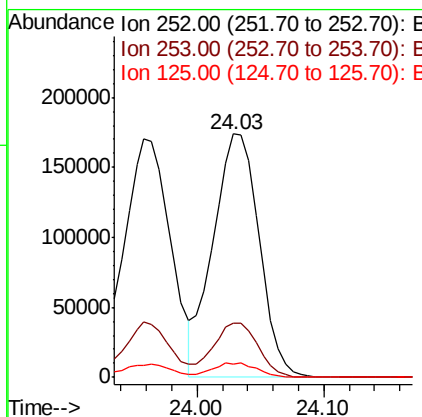
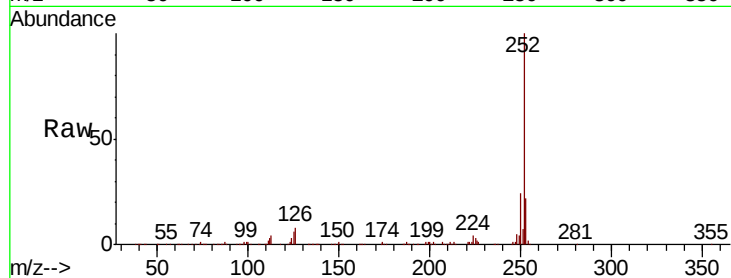




#89
Benzo(k)fluoranthene
Concen: 45.583 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

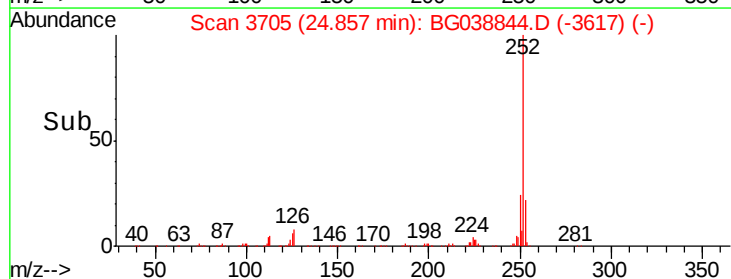
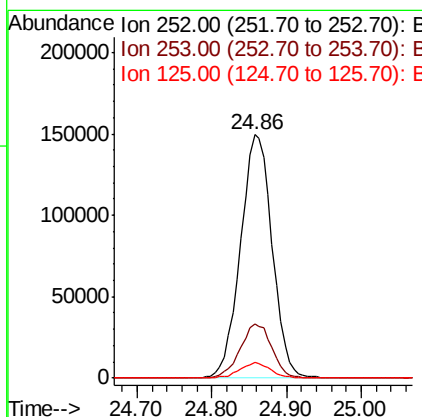
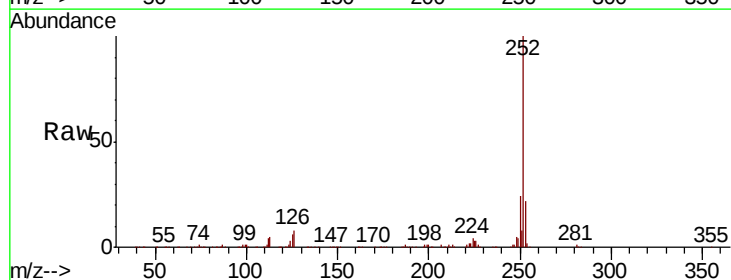
Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion:252 Resp: 437575
Ion Ratio Lower Upper
252 100
253 22.5 18.9 28.3
125 5.7 5.4 8.2



#90
Benzo(a)pyrene
Concen: 47.312 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion:252 Resp: 440006
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 6.3 6.4 9.6#





#91

Dibenzo(a,h)anthracene

Concen: 46.682 ng

RT: 28.86 min Scan# 4387

Delta R.T. -0.00 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

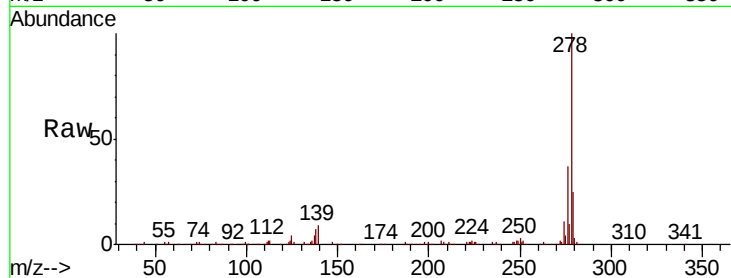
Tot Ion:278 Resp: 432272

Ion Ratio Lower Upper

278 100

139 9.5 8.6 12.8

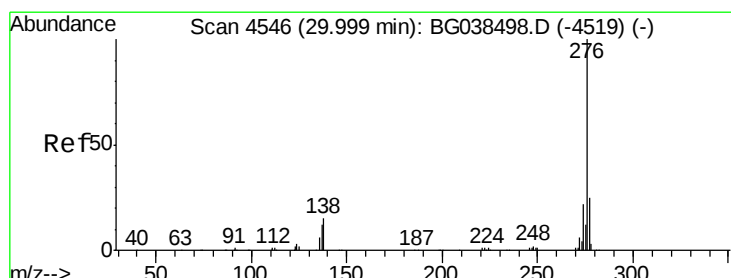
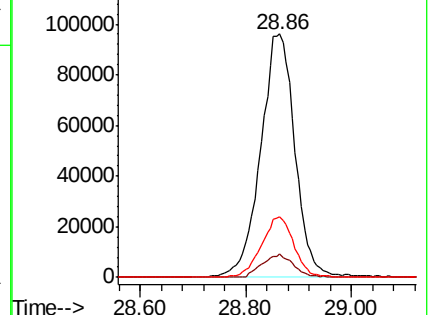
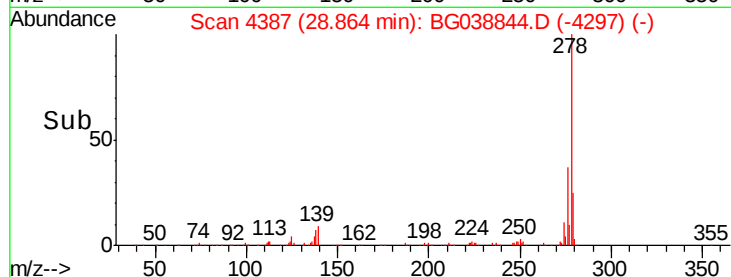
279 24.8 19.0 28.6



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: 47.082 ng

RT: 30.00 min Scan# 4580

Delta R.T. -0.00 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

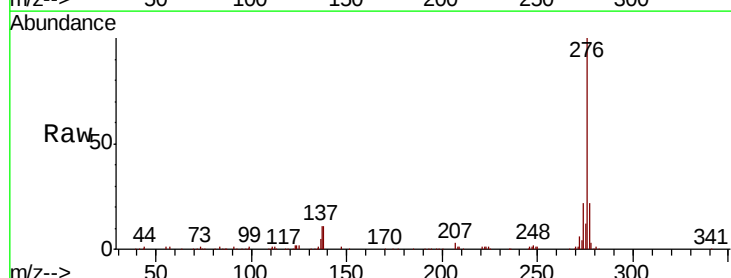
Tgt Ion:276 Resp: 429656

Ion Ratio Lower Upper

276 100

277 22.4 19.8 29.8

138 11.3 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

