

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121518\
 Data File : BG038604.D
 Acq On : 15 Dec 2018 14:51
 Operator : JU/SJ
 Sample : PB115679BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115679BS

Quant Time: Dec 16 02:21:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23037	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	89882	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	57340	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	143632	20.00	ng	0.00
76) Chrysene-d12	21.73	240	157760	20.00	ng	0.00
87) Perylene-d12	25.02	264	174697	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	159729	122.98	ng	0.00
7) Phenol-d6	7.21	99	209700	117.61	ng	0.00
23) Nitrobenzene-d5	9.23	82	124096	70.53	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	92461	117.00	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	283396	67.80	ng	0.00
79) Terphenyl-d14	20.05	244	611522	84.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	22180	36.692	ng	91
3) Pyridine	3.89	79	60223	36.185	ng	84
4) n-Nitrosodimethylamine	3.82	42	38329	47.001	ng	# 92
6) Aniline	7.38	93	77555	34.072	ng	98
8) 2-Chlorophenol	7.62	128	65052	43.280	ng	99
9) Benzaldehyde	7.20	77	22472	19.428	ng	93
10) Phenol	7.24	94	82472	43.536	ng	100
11) bis(2-Chloroethyl)ether	7.48	93	58270	38.636	ng	99
12) 1,3-Dichlorobenzene	7.94	146	67874	38.192	ng	97
13) 1,4-Dichlorobenzene	8.09	146	68333	37.543	ng	96
14) 1,2-Dichlorobenzene	8.41	146	66570	38.795	ng	99
15) Benzyl Alcohol	8.30	79	57782	41.518	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	132875	38.460	ng	99
17) 2-Methylphenol	8.50	107	55595	43.804	ng	97
18) Hexachloroethane	9.14	117	25444	38.256	ng	88
19) n-Nitroso-di-n-propylamine	8.86	70	46985	37.518	ng	96
20) 3+4-Methylphenols	8.83	107	77441	44.182	ng	95
22) Acetophenone	8.89	105	92939	41.397	ng	# 98
24) Nitrobenzene	9.28	77	75063	42.174	ng	99
25) Isophorone	9.79	82	131343	41.550	ng	98
26) 2-Nitrophenol	9.99	139	36924	40.533	ng	94
27) 2,4-Dimethylphenol	10.03	122	62780	48.087	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	76658	42.972	ng	98
29) 2,4-Dichlorophenol	10.52	162	67137	46.224	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	71763	40.905	ng	99
31) Naphthalene	10.93	128	192997	43.580	ng	99
32) Benzoic acid	10.19	122	20684	29.825	ng	94
33) 4-Chloroaniline	11.04	127	43569	22.661	ng	97
34) Hexachlorobutadiene	11.19	225	46530	39.197	ng	93
35) Caprolactam	11.83	113	12781	21.264	ng	95
36) 4-Chloro-3-methylphenol	12.15	107	67744	40.873	ng	95
37) 2-Methylnaphthalene	12.52	142	141999	44.945	ng	98
38) 1-Methylnaphthalene	12.75	142	135678	44.255	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	82642	38.557	ng	99

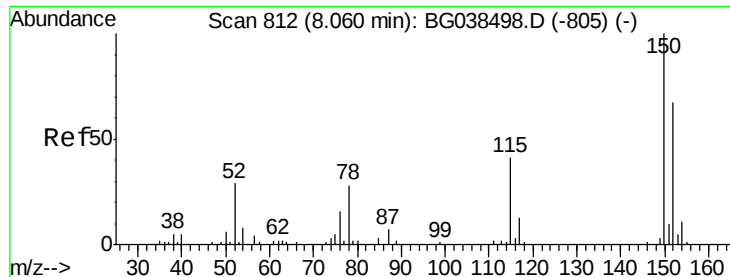
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121518\
 Data File : BG038604.D
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 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	117006	99.364	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	56231	42.668	ng	97
44) 2,4,5-Trichlorophenol	13.21	196	60969	43.695	ng	98
46) 1,1'-Biphenyl	13.53	154	183593	38.193	ng	98
47) 2-Chloronaphthalene	13.58	162	150285	40.474	ng	99
48) 2-Nitroaniline	13.79	65	48924	41.366	ng	96
49) Acenaphthylene	14.42	152	239914	43.220	ng	99
50) Dimethylphthalate	14.15	163	195048	41.654	ng	100
51) 2,6-Dinitrotoluene	14.28	165	44349	41.793	ng	99
52) Acenaphthene	14.76	154	134778	40.605	ng	96
53) 3-Nitroaniline	14.61	138	31707	29.312	ng	92
54) 2,4-Dinitrophenol	14.82	184	48103	76.433	ng	94
55) Dibenzofuran	15.09	168	228393	40.141	ng	99
56) 4-Nitrophenol	14.92	139	69550	84.753	ng	93
57) 2,4-Dinitrotoluene	15.06	165	63030	42.172	ng	98
58) Fluorene	15.74	166	183345	43.494	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	54736	43.602	ng	99
60) Diethylphthalate	15.50	149	201109	39.123	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	104267	39.643	ng	97
62) 4-Nitroaniline	15.78	138	46792	42.017	ng	90
63) Azobenzene	16.02	77	175679	40.910	ng	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	39462	38.515	ng	97
66) n-Nitrosodiphenylamine	15.94	169	170529	40.408	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	67337	38.387	ng	95
68) Hexachlorobenzene	16.74	284	71553	39.350	ng	94
69) Atrazine	16.89	200	71438	45.613	ng	96
70) Pentachlorophenol	17.09	266	80566	74.907	ng	97
71) Phenanthrene	17.49	178	326147	43.788	ng	97
72) Anthracene	17.58	178	335259	45.595	ng	100
73) Carbazole	17.85	167	306939	42.208	ng	99
74) Di-n-butylphthalate	18.38	149	373879	44.807	ng	99
75) Fluoranthene	19.49	202	431842	46.860	ng	97
77) Benzidine	19.67	184	207987	44.579	ng	98
78) Pyrene	19.86	202	426690	40.941	ng	99
80) Butylbenzylphthalate	20.72	149	170984	41.992	ng	97
81) Benzo(a)anthracene	21.70	228	428610	44.586	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	109178	28.636	ng	97
83) Chrysene	21.77	228	391698	42.303	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	243007	42.080	ng	99
85) Di-n-octyl phthalate	22.80	149	417158	43.133	ng	100
86) Indeno(1,2,3-cd)pyrene	28.81	276	485711	44.619	ng	# 99
88) Benzo(b)fluoranthene	23.96	252	430157	44.847	ng	99
89) Benzo(k)fluoranthene	24.03	252	410571	42.986	ng	98
90) Benzo(a)pyrene	24.87	252	412064	44.531	ng	98
91) Dibenzo(a,h)anthracene	28.86	278	404989	43.957	ng	100
92) Benzo(g,h,i)perylene	29.99	276	402807	44.363	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

Instrument :

BNA_G

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PB115679BS

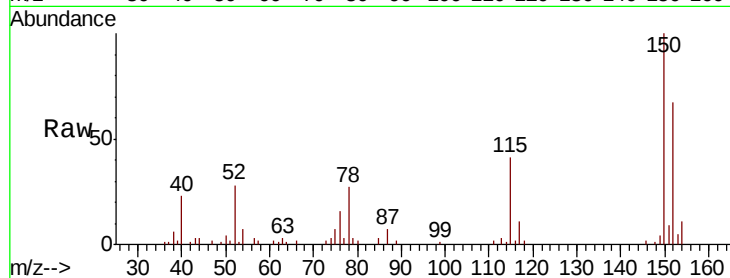
Tgt Ion:152 Resp: 23037

Ion Ratio Lower Upper

152 100

150 149.1 119.5 179.3

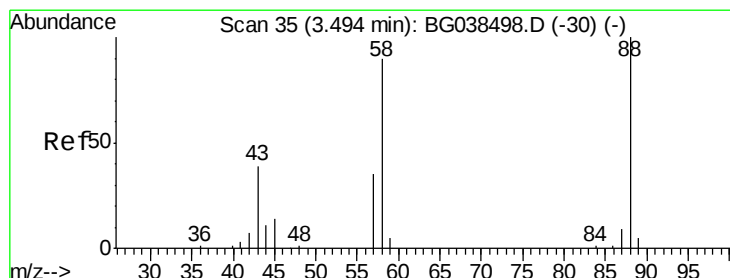
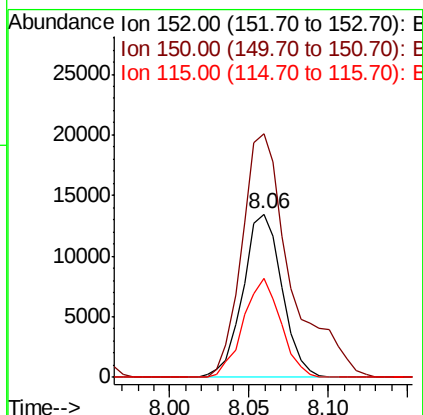
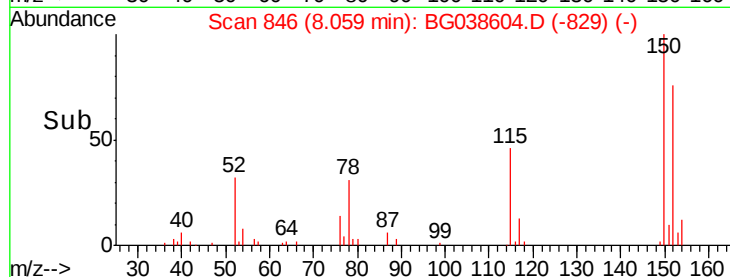
115 61.0 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.692 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.01 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

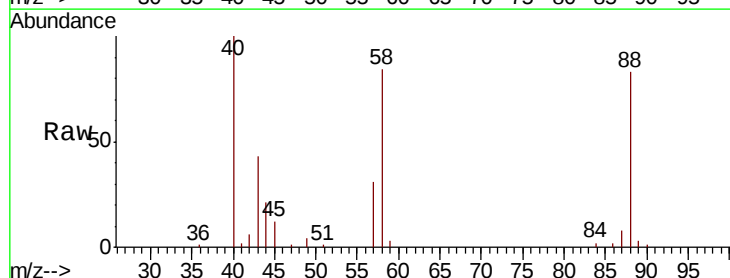
Tgt Ion: 88 Resp: 22180

Ion Ratio Lower Upper

88 100

58 101.9 75.7 113.5

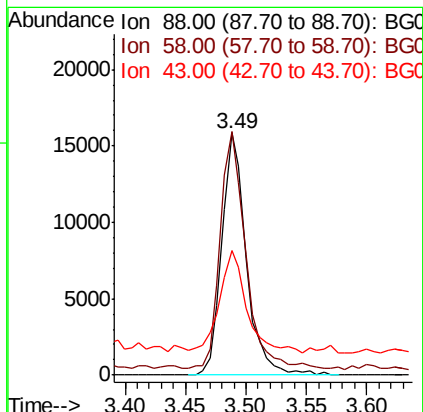
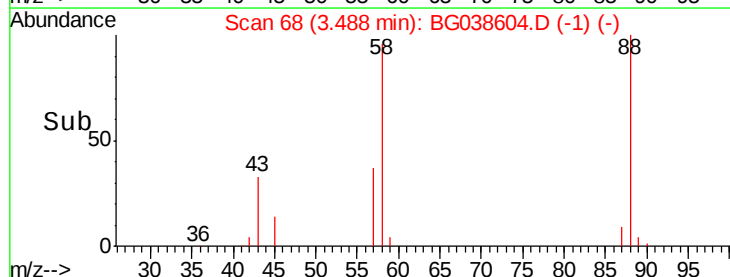
43 47.0 31.6 47.4

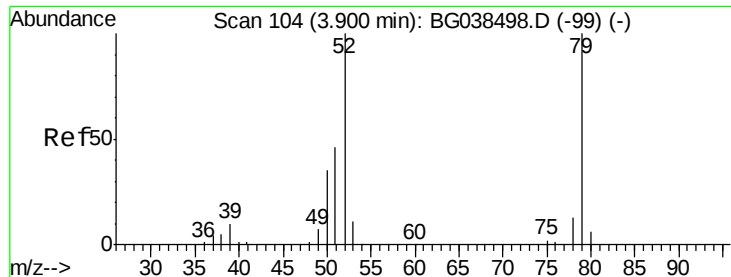


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 36.185 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115679BS

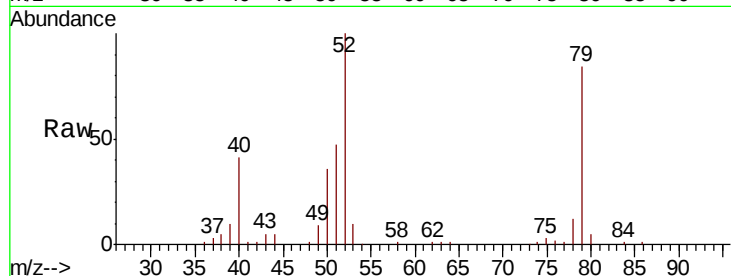
Tgt Ion: 79 Resp: 60223

Ion Ratio Lower Upper

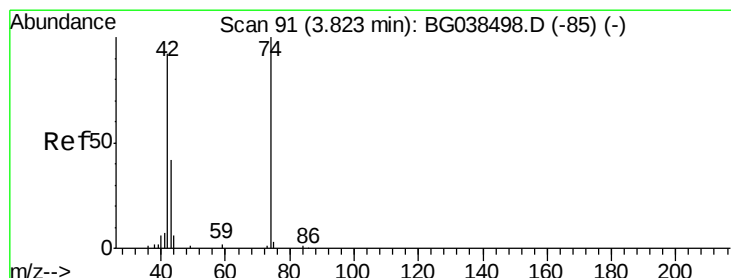
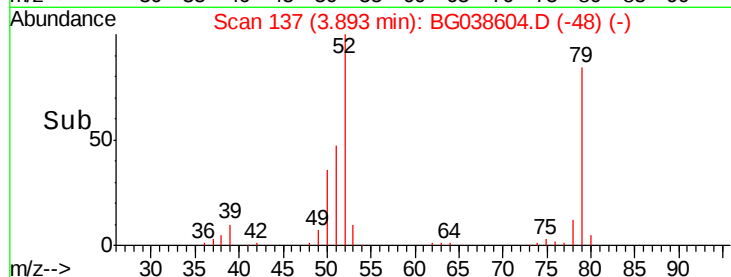
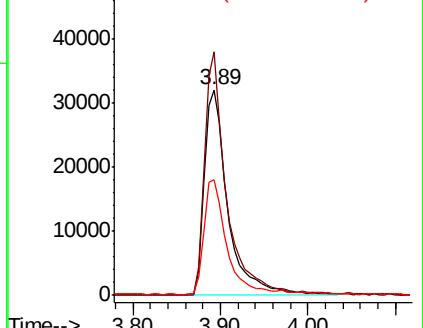
79 100

52 118.4 80.2 120.2

51 56.1 38.0 57.0



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



#4

n-Nitrosodimethylamine

Concen: 47.001 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

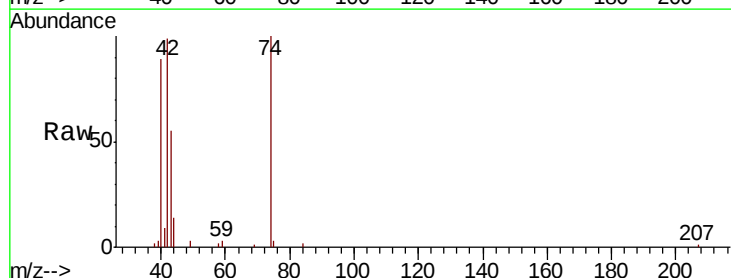
Tgt Ion: 42 Resp: 38329

Ion Ratio Lower Upper

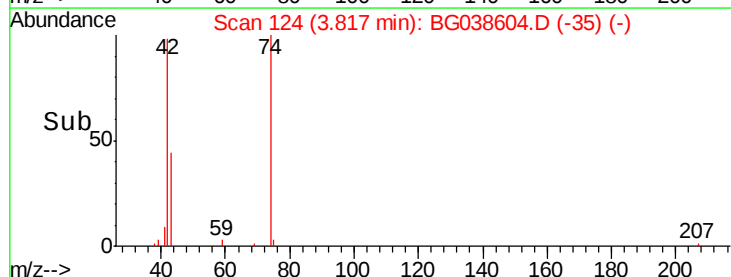
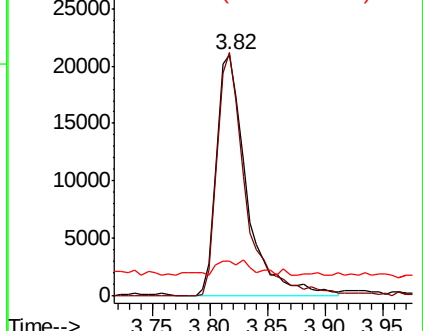
42 100

74 100.9 86.7 130.1

44 14.6 7.8 11.8#



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





#5

2-Fluorophenol

Concen: 122.978 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115679BS

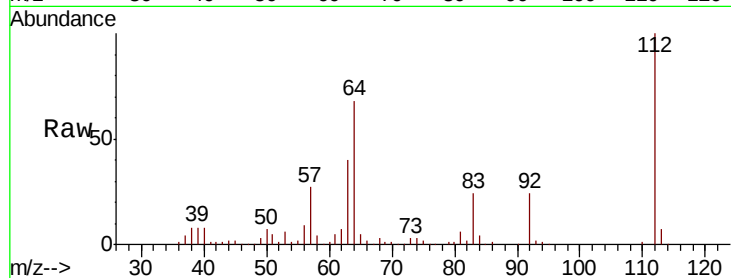
Tgt Ion: 112 Resp: 159729

Ion Ratio Lower Upper

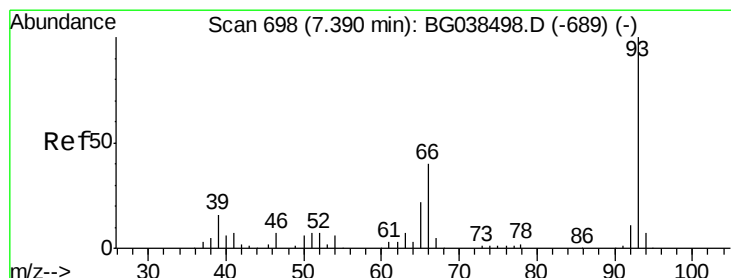
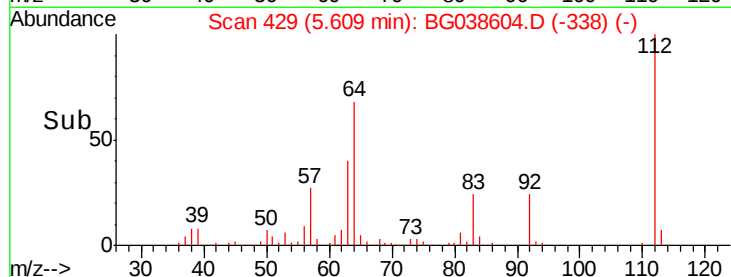
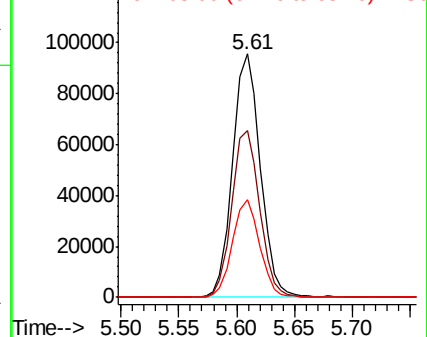
112 100

64 68.5 53.4 80.2

63 40.2 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: 34.072 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

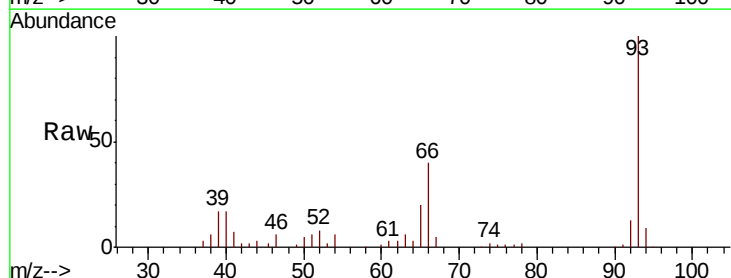
Tgt Ion: 93 Resp: 77555

Ion Ratio Lower Upper

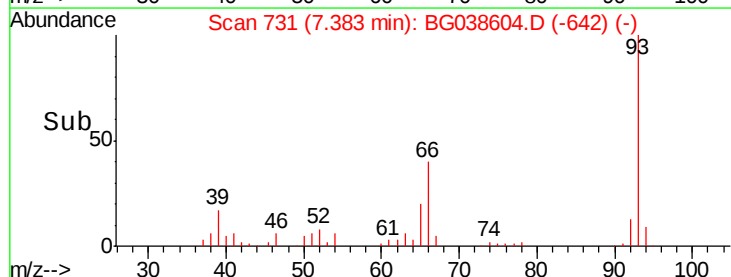
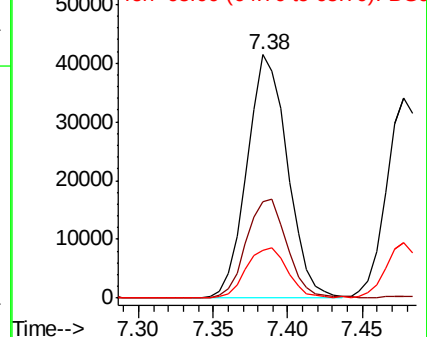
93 100

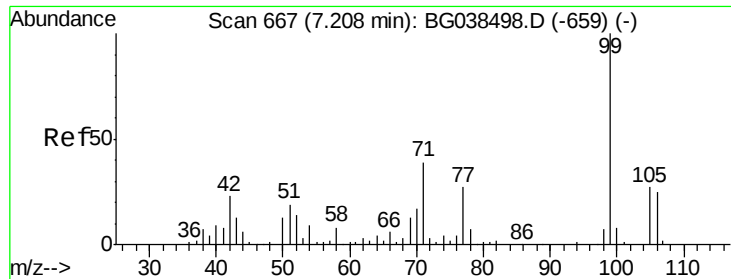
66 39.8 31.7 47.5

65 19.9 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: 117.607 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

Instrument :

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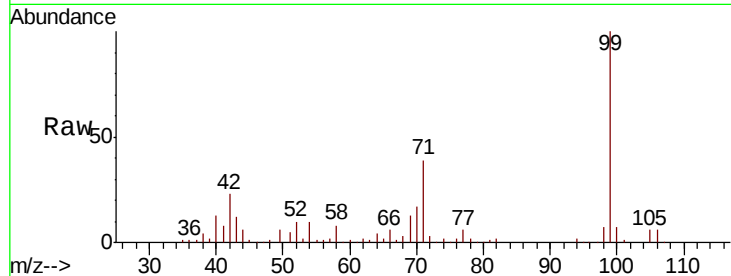
Tgt Ion: 99 Resp: 209700

Ion Ratio Lower Upper

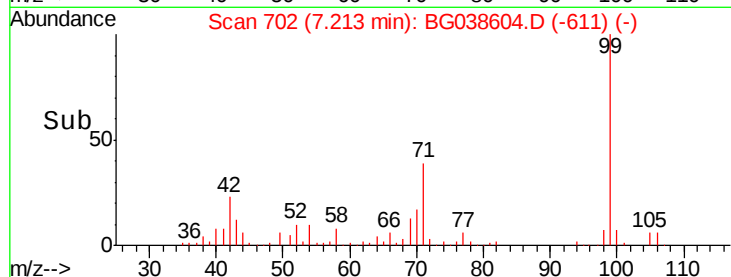
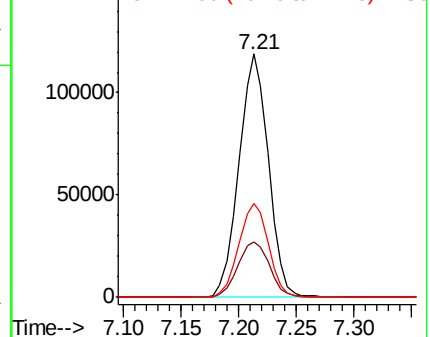
99 100

42 22.9 18.5 27.7

71 38.7 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: 43.280 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

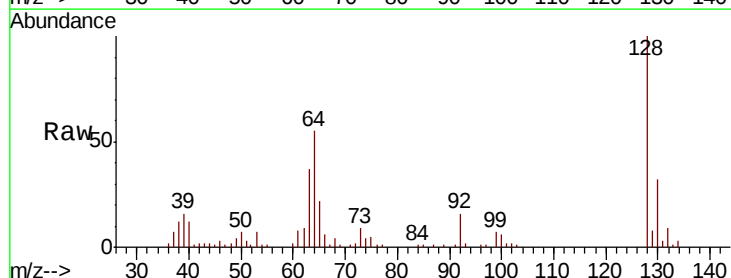
Tgt Ion: 128 Resp: 65052

Ion Ratio Lower Upper

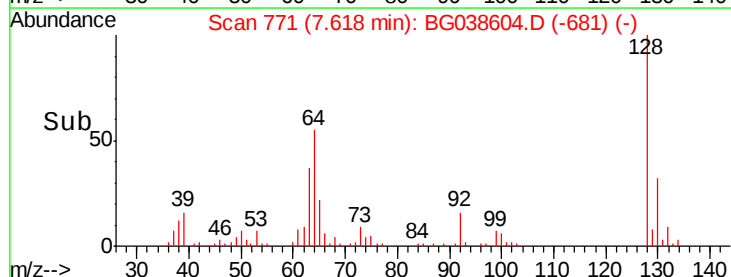
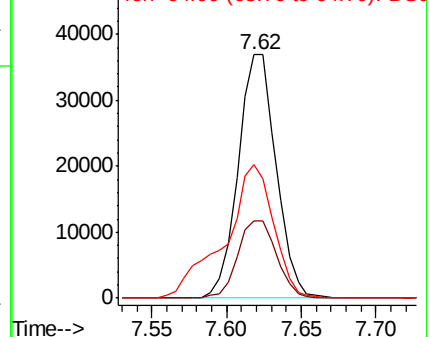
128 100

130 31.8 11.8 51.8

64 54.7 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: 19.428 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115679BS

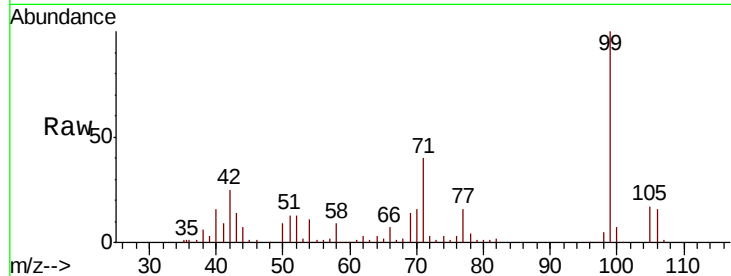
Tgt Ion: 77 Resp: 22472

Ion Ratio Lower Upper

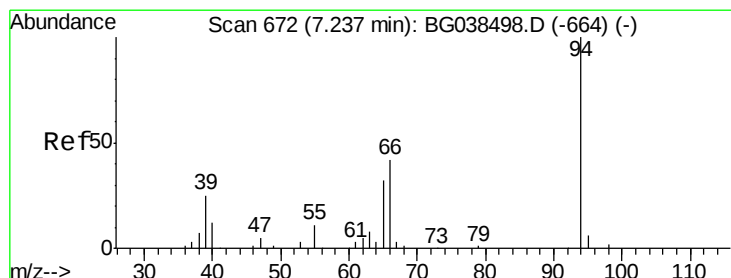
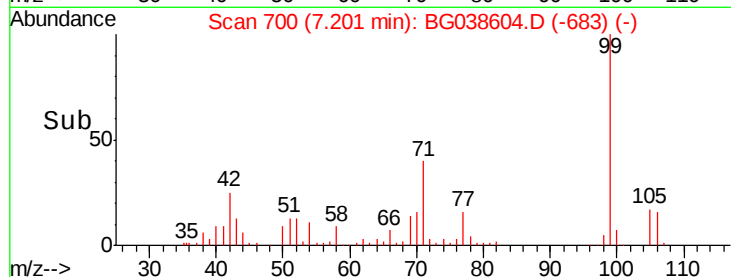
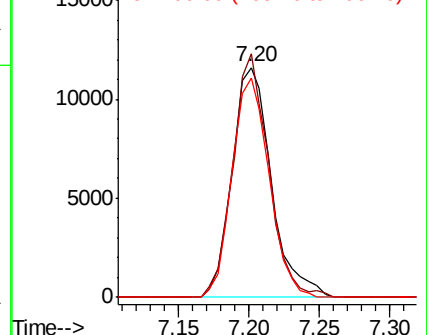
77 100

105 105.8 74.0 114.0

106 95.6 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: 43.536 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

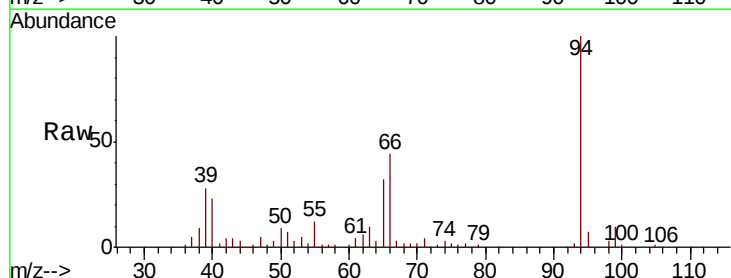
Tgt Ion: 94 Resp: 82472

Ion Ratio Lower Upper

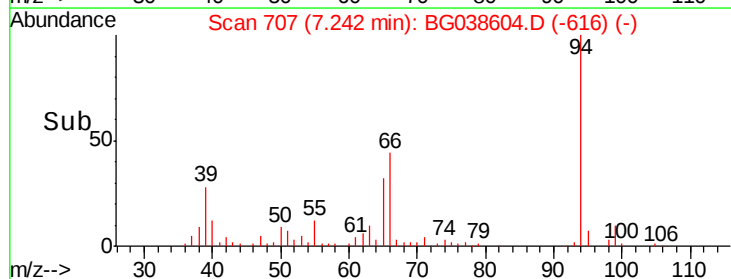
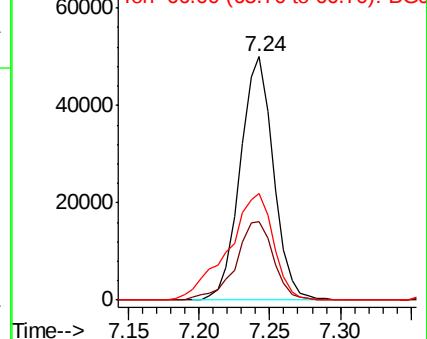
94 100

65 32.4 12.6 52.6

66 43.9 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

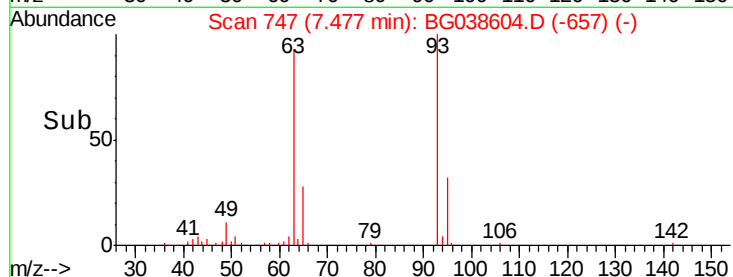
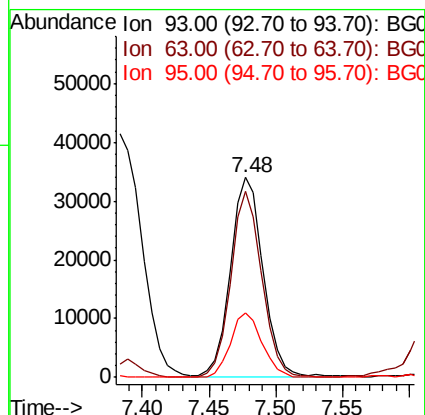
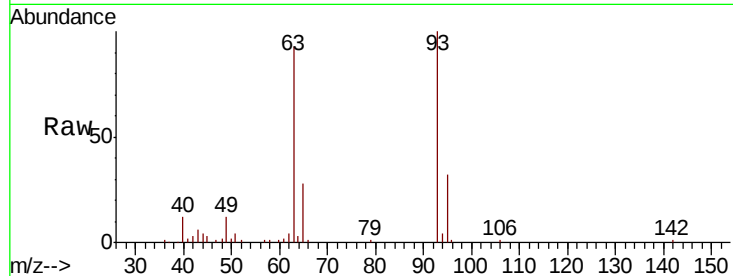




#11
bis(2-Chloroethyl)ether
Concen: 38.636 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

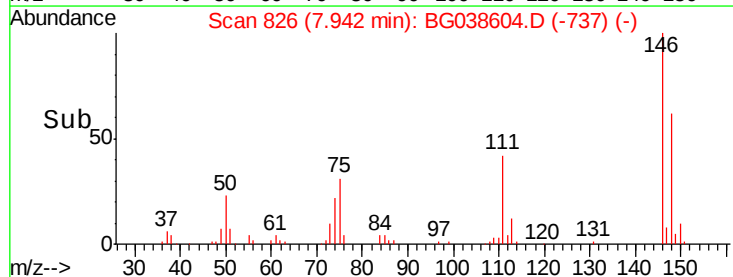
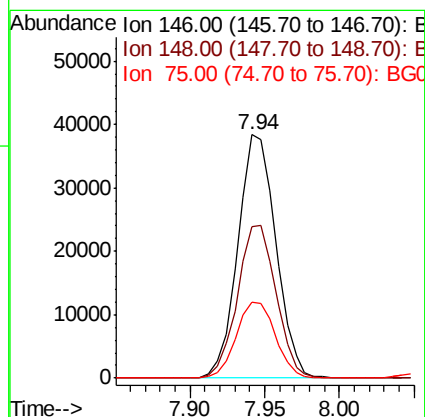
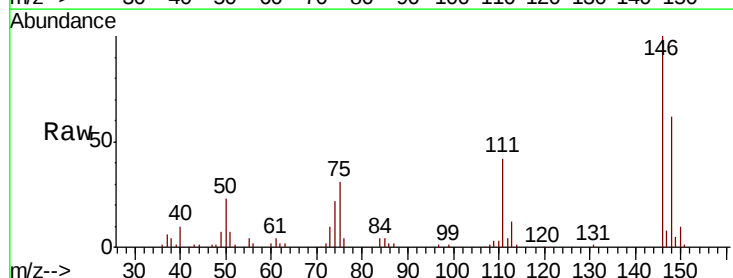
Instrument :
BNA_G
ClientSampled :
PB115679BS

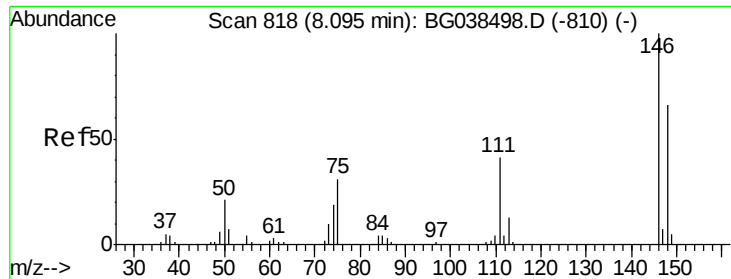
Tgt Ion: 93 Resp: 58270
Ion Ratio Lower Upper
93 100
63 93.4 72.2 112.2
95 32.1 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 38.192 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Tgt Ion: 146 Resp: 67874
Ion Ratio Lower Upper
146 100
148 62.1 51.4 77.0
75 31.0 26.1 39.1

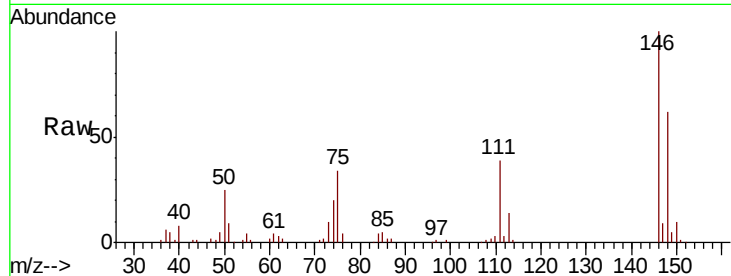




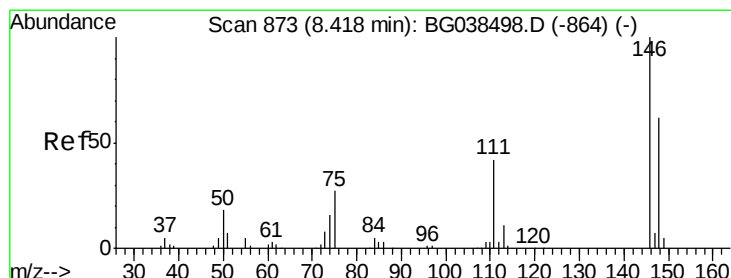
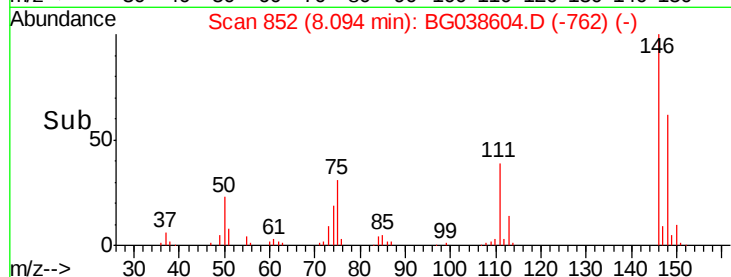
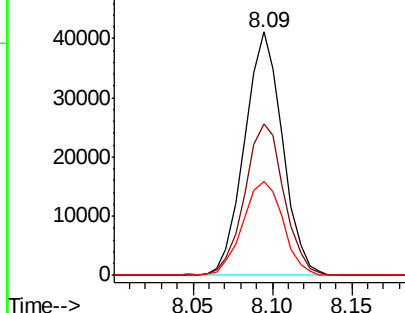
#13
 1,4-Dichlorobenzene
 Concen: 37.543 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

Instrument :
 BNA_G
 ClientSampleId :
 PB115679BS

Tgt Ion:146 Resp: 68333
 Ion Ratio Lower Upper
 146 100
 148 62.4 52.4 78.6
 111 38.7 33.0 49.4

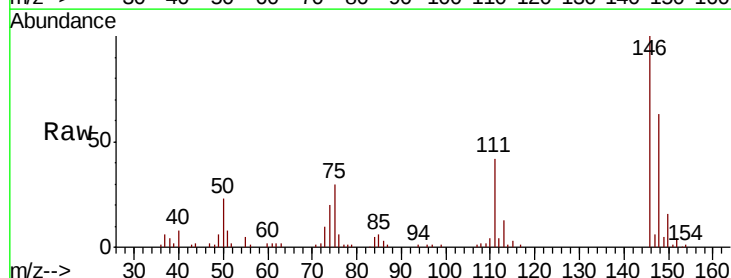


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

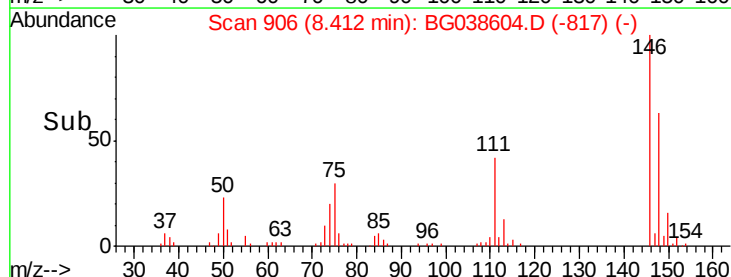
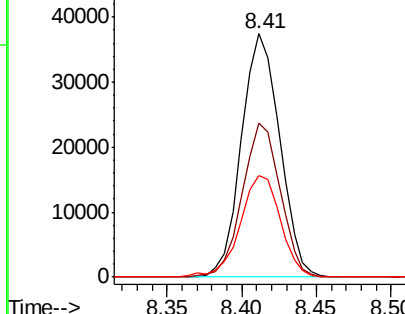


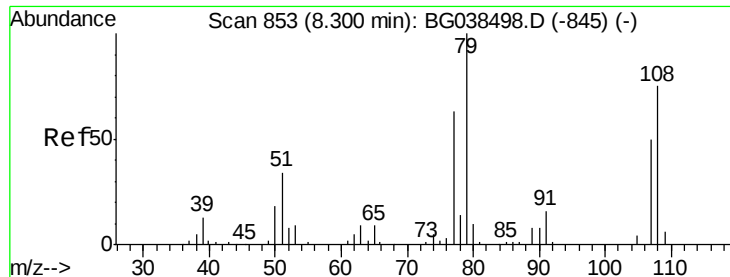
#14
 1,2-Dichlorobenzene
 Concen: 38.795 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

Tgt Ion:146 Resp: 66570
 Ion Ratio Lower Upper
 146 100
 148 63.2 49.4 74.0
 111 41.8 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: 41.518 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115679BS

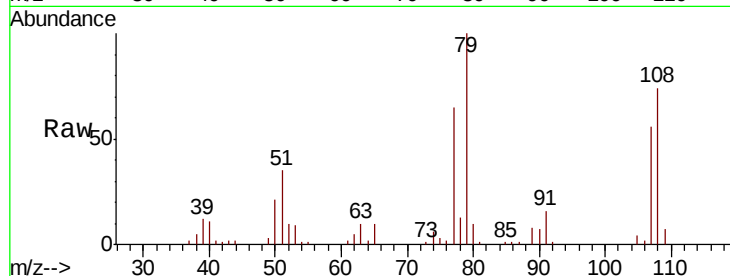
Tgt Ion: 79 Resp: 57782

Ion Ratio Lower Upper

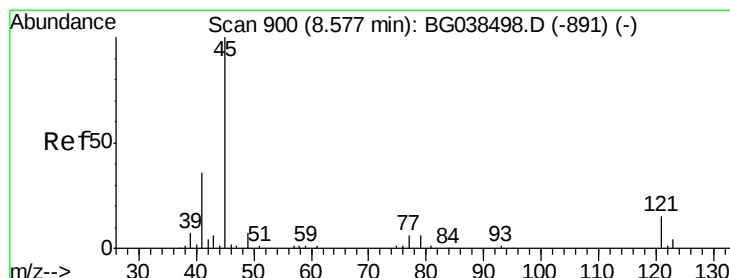
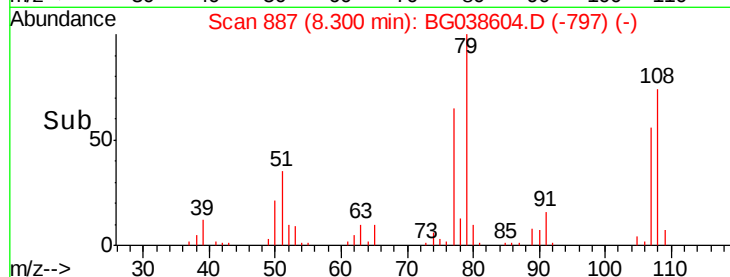
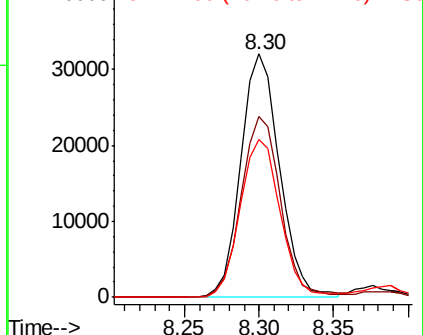
79 100

108 74.3 60.2 90.4

77 64.9 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.460 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

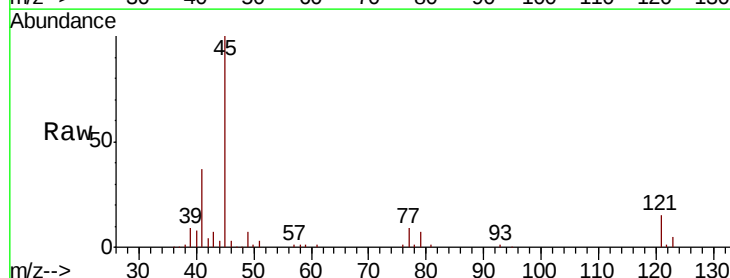
Tgt Ion: 45 Resp: 132875

Ion Ratio Lower Upper

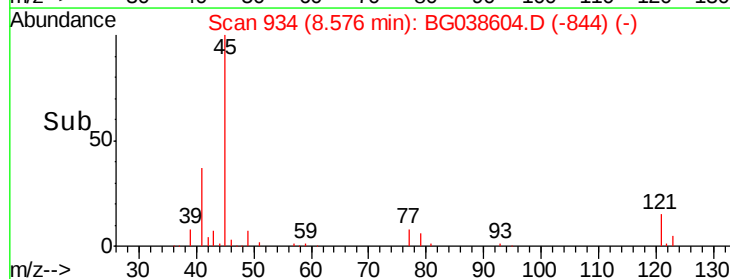
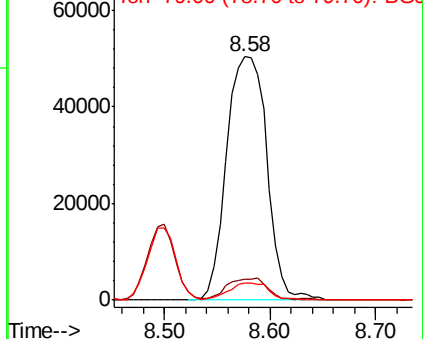
45 100

77 8.6 0.0 28.2

79 7.0 0.0 27.2



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

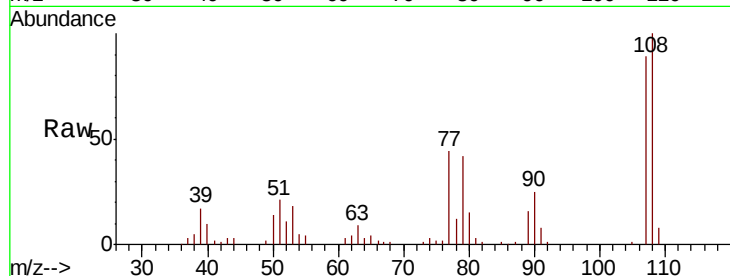




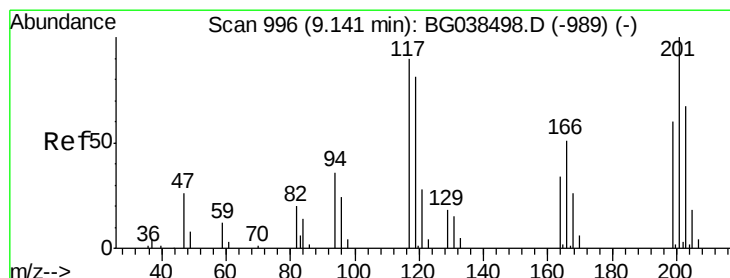
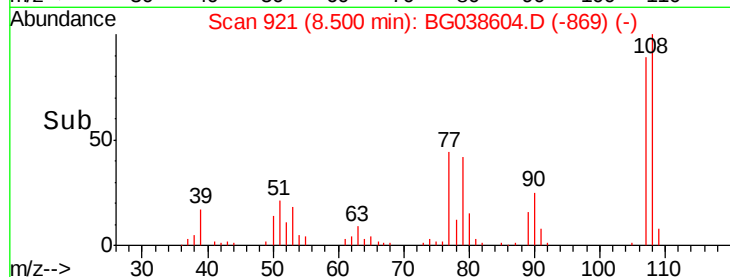
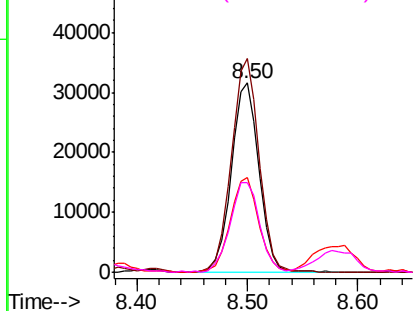
#17
2-Methylphenol
Concen: 43.804 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Instrument :
BNA_G
ClientSampleId :
PB115679BS

Tgt Ion:107 Resp: 55595
Ion Ratio Lower Upper
107 100
108 112.9 87.1 130.7
77 50.1 42.0 63.0
79 47.3 38.2 57.2

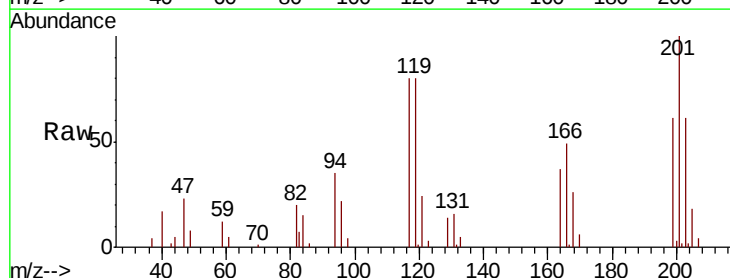


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

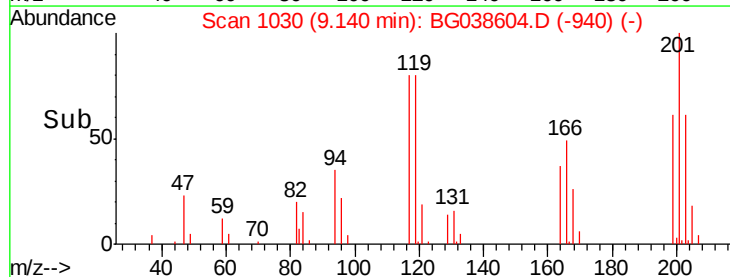
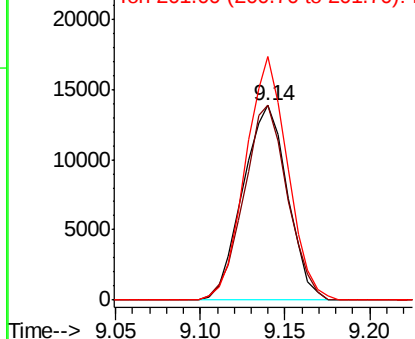


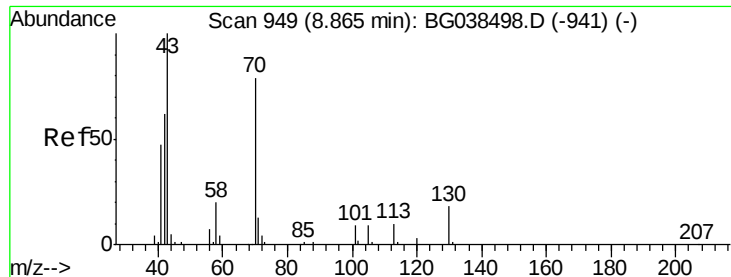
#18
Hexachloroethane
Concen: 38.256 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Tgt Ion:117 Resp: 25444
Ion Ratio Lower Upper
117 100
119 100.3 73.8 110.8
201 127.4 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

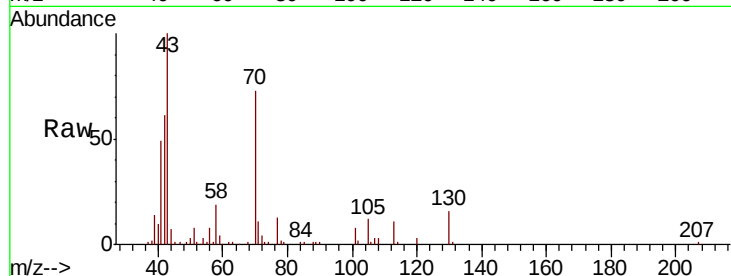




#19
n-Nitroso-di-n-propylamine
Concen: 37.518 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Instrument :
BNA_G
ClientSampleId :
PB115679BS

Tgt Ion:	70	Resp:	46985
Ion	Ratio	Lower	Upper
70	100		
42	84.0	63.6	95.4
101	11.1	9.2	13.8
130	21.4	18.5	27.7



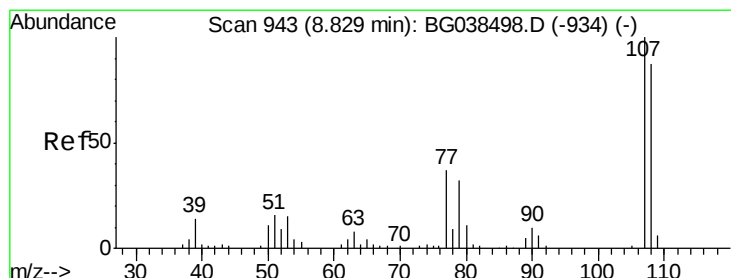
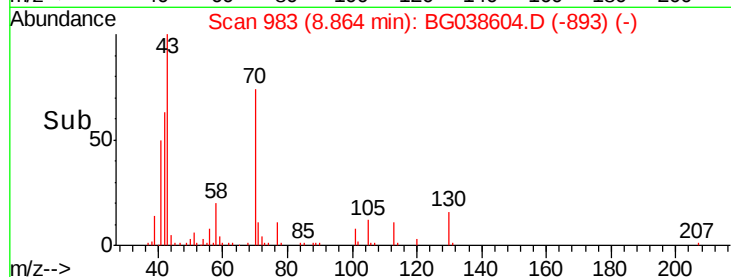
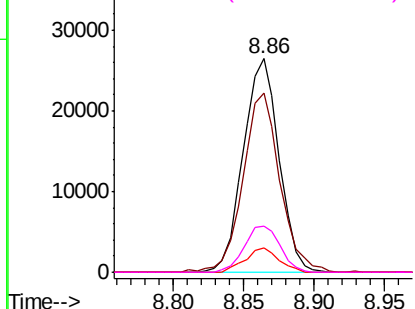
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

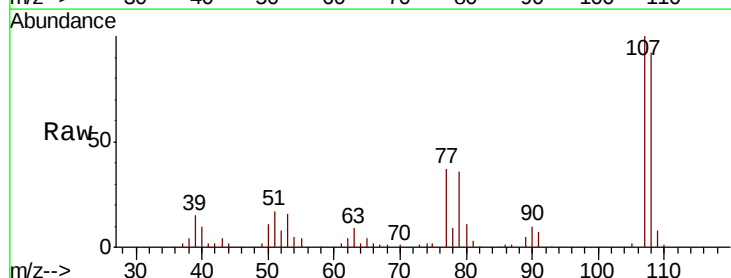
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 44.182 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Tgt Ion:	107	Resp:	77441
Ion	Ratio	Lower	Upper
107	100		
108	92.3	66.7	106.7
77	36.9	17.3	57.3
79	35.6	12.3	52.3



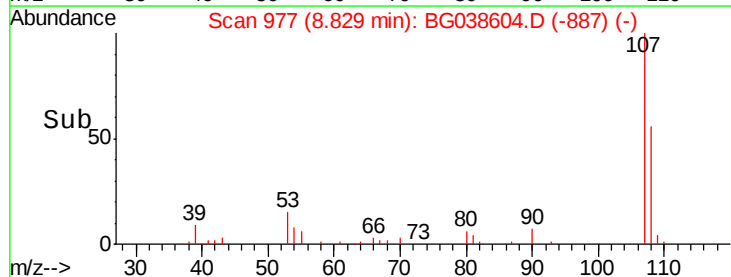
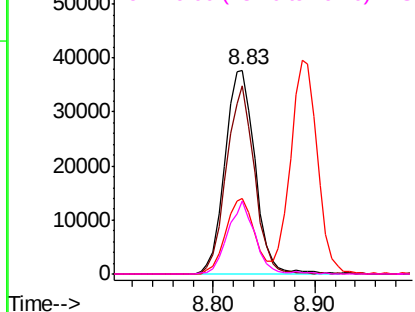
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

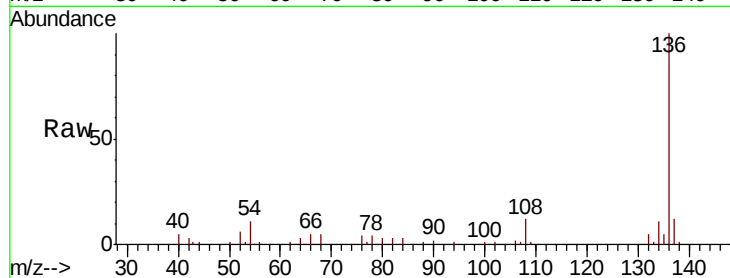




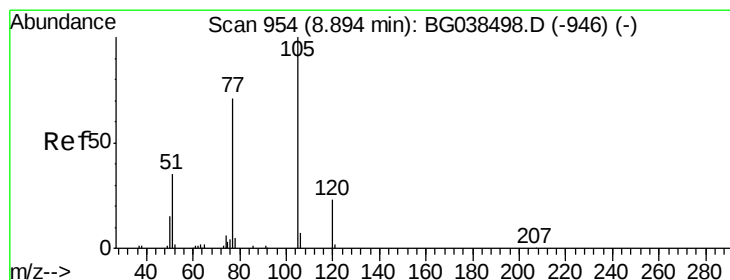
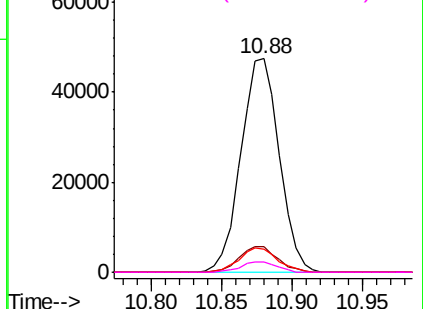
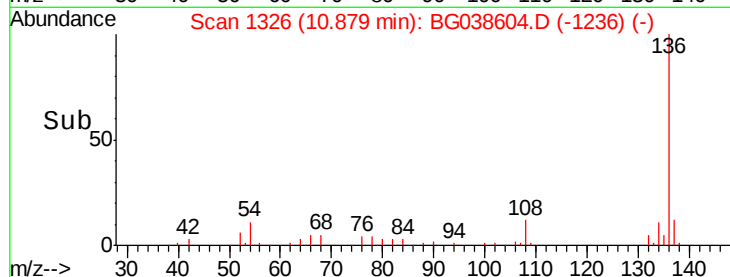
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Instrument :
BNA_G
ClientSampleId :
PB115679BS

Tgt Ion:	136	Resp:	89882
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	11.1	8.5	12.7
68	4.6	3.5	5.3

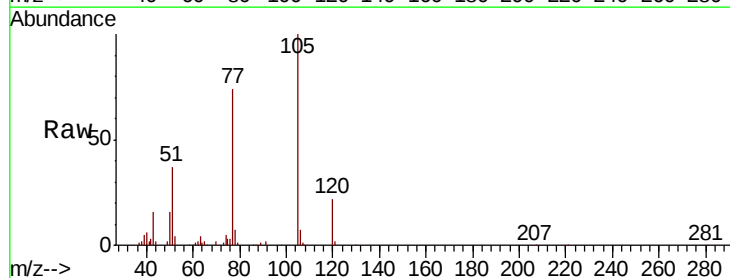


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

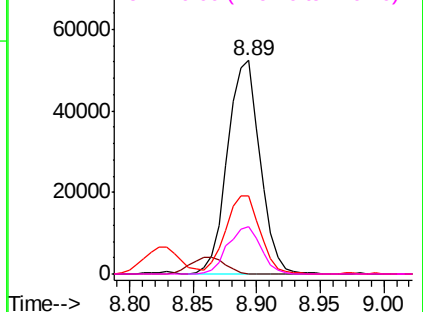
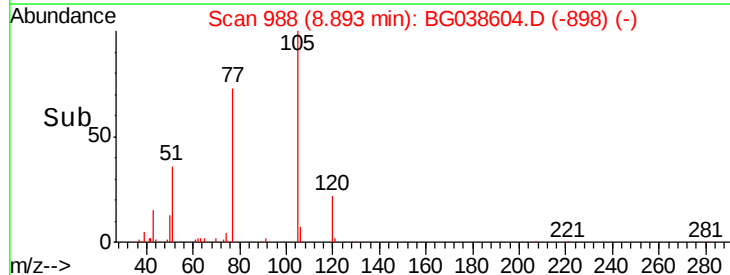


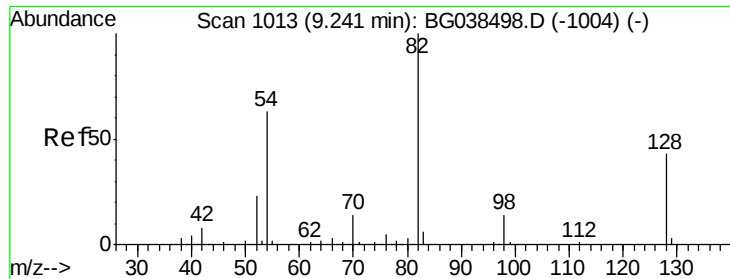
#22
Acetophenone
Concen: 41.397 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Tgt Ion:	105	Resp:	92939
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.4	0.6#
51	36.7	30.6	46.0
120	22.5	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

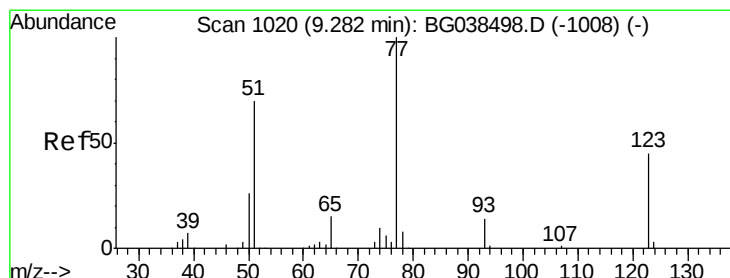
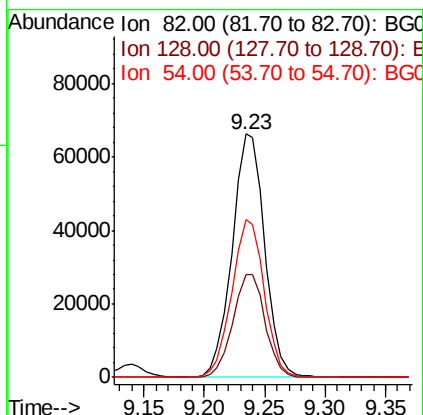
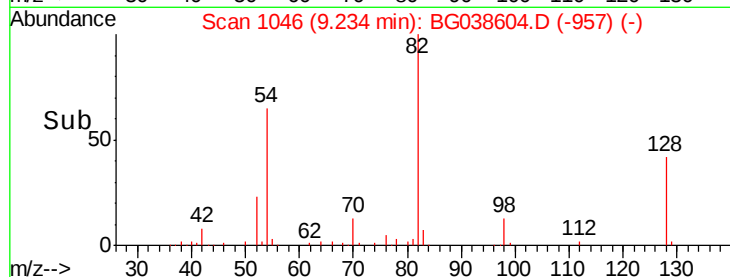
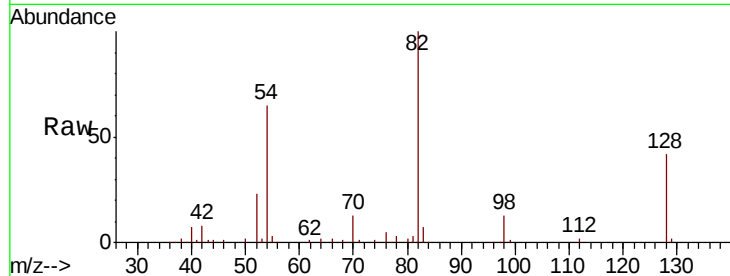




#23
Nitrobenzene-d5
Concen: 70.534 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

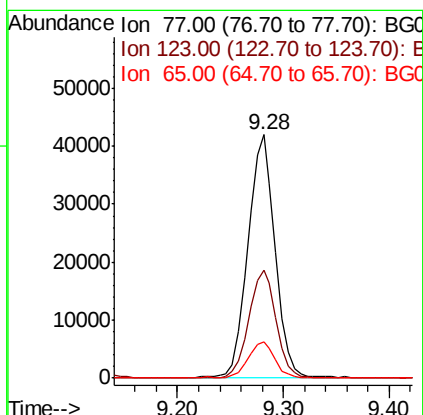
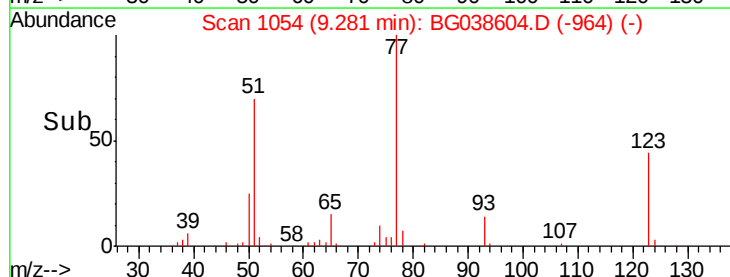
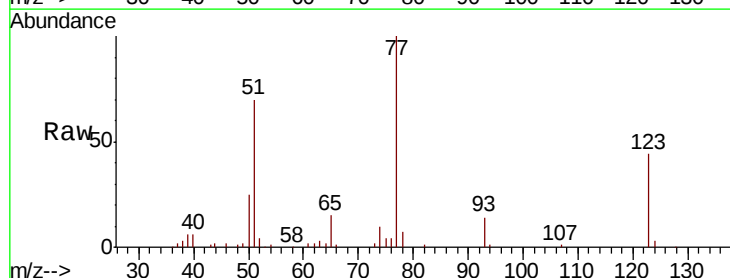
Instrument :
BNA_G
ClientSampleId :
PB115679BS

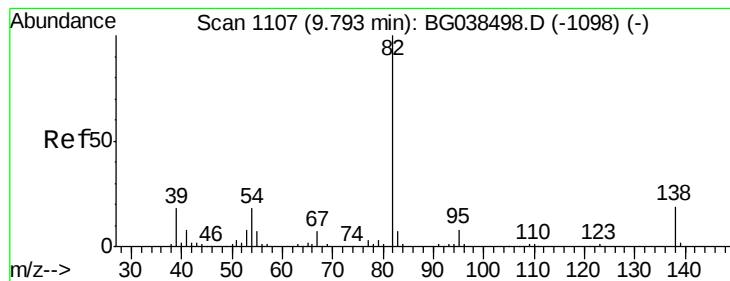
Tgt Ion: 82 Resp: 124096
Ion Ratio Lower Upper
82 100
128 42.0 34.6 52.0
54 64.6 50.6 76.0



#24
Nitrobenzene
Concen: 42.174 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Tgt Ion: 77 Resp: 75063
Ion Ratio Lower Upper
77 100
123 44.2 35.9 53.9
65 14.7 12.0 18.0





#25

Isophorone

Concen: 41.550 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115679BS

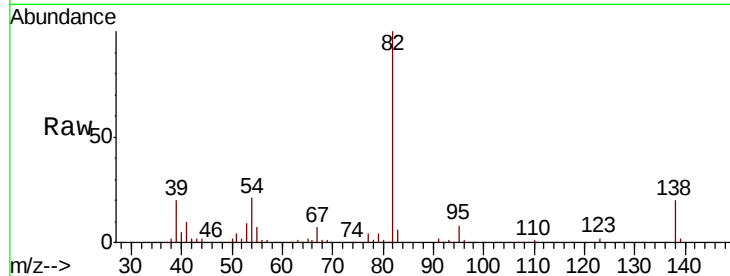
Tgt Ion: 82 Resp: 131343

Ion Ratio Lower Upper

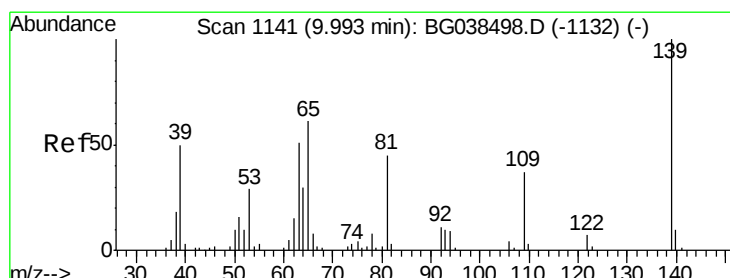
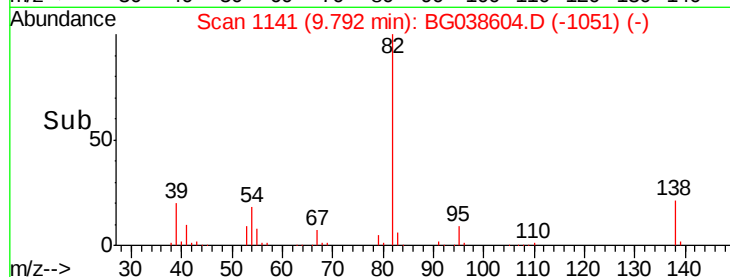
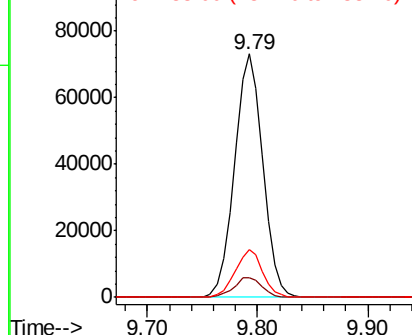
82 100

95 8.3 6.1 9.1

138 19.5 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: 40.533 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

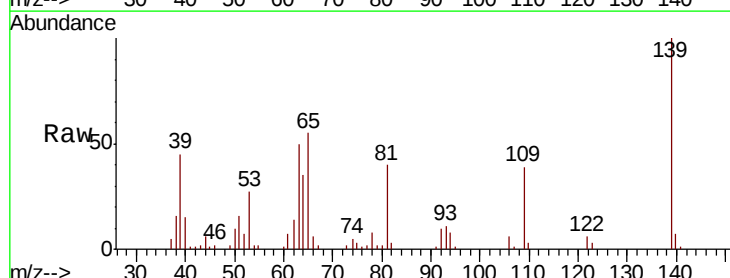
Tgt Ion: 139 Resp: 36924

Ion Ratio Lower Upper

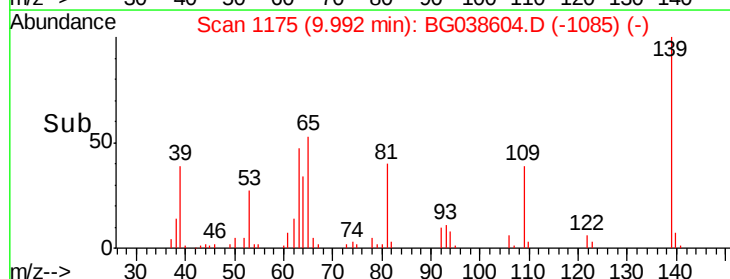
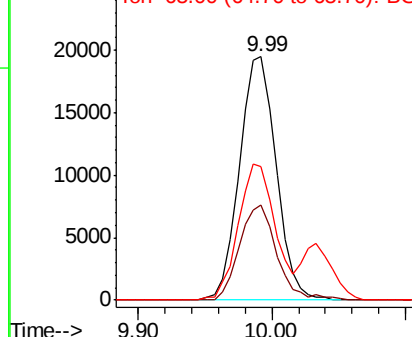
139 100

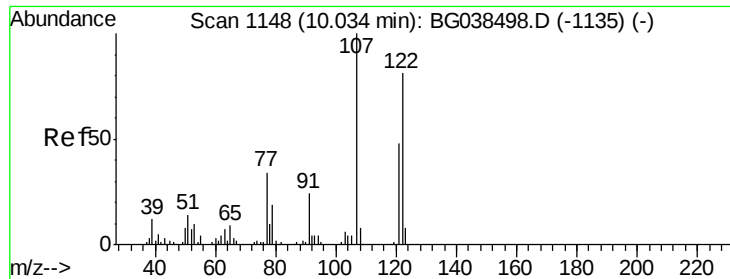
109 38.9 29.5 44.3

65 54.7 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

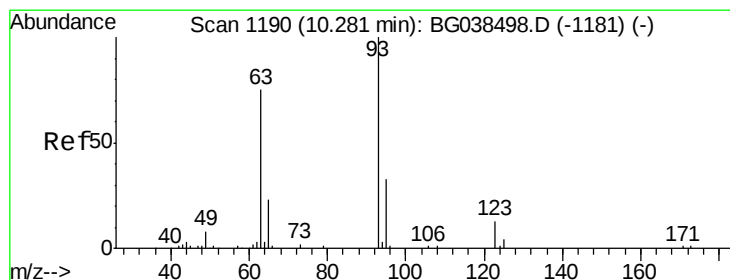
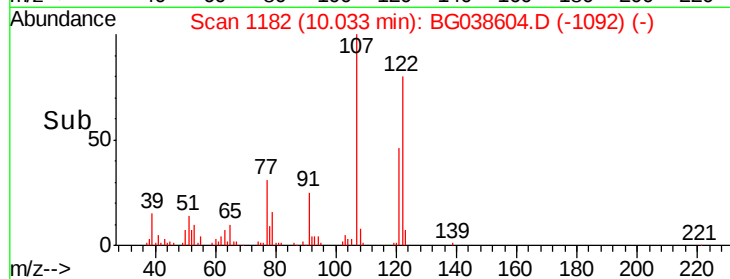
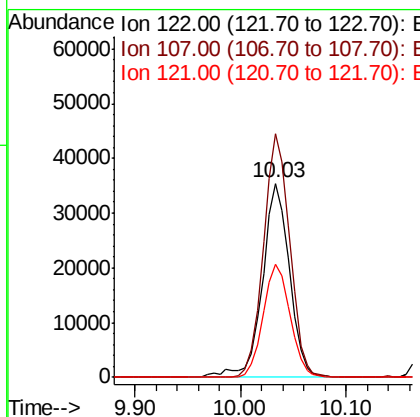
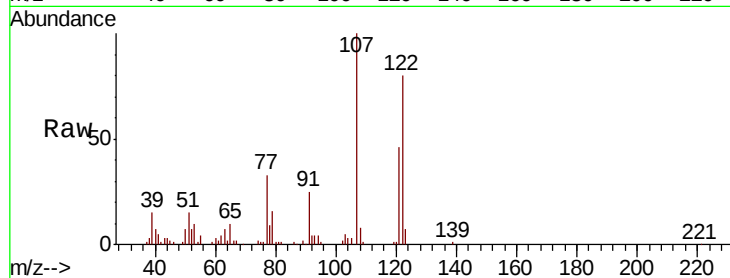




#27
 2,4-Dimethylphenol
 Concen: 48.087 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

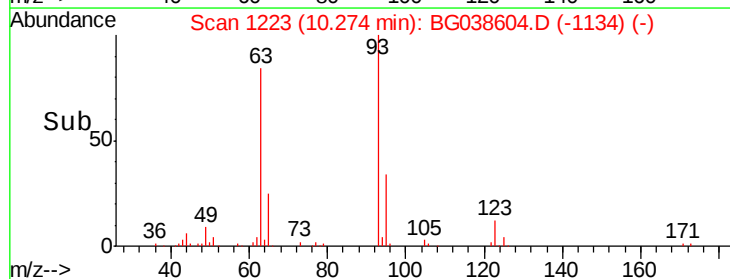
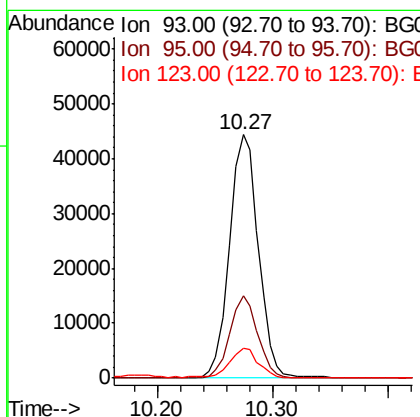
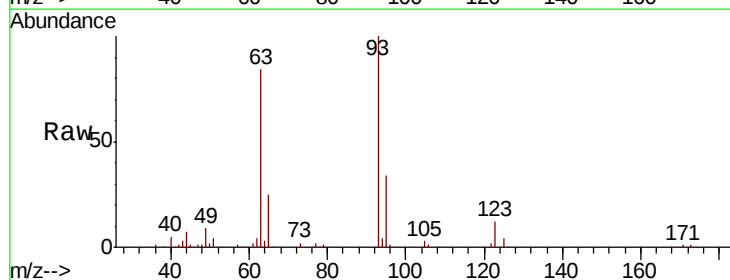
Instrument :
 BNA_G
 ClientSampleId :
 PB115679BS

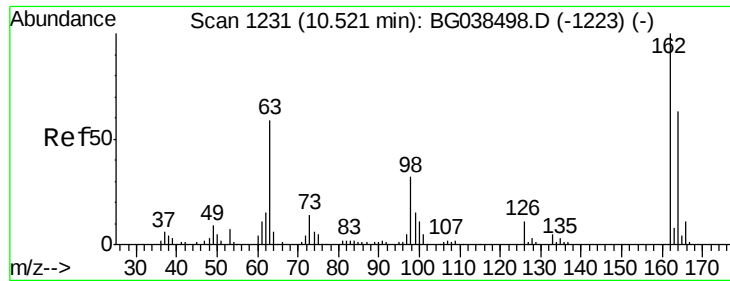
Tgt Ion:122 Resp: 62780
 Ion Ratio Lower Upper
 122 100
 107 125.6 98.4 147.6
 121 58.1 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.972 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

Tgt Ion: 93 Resp: 76658
 Ion Ratio Lower Upper
 93 100
 95 33.9 26.6 40.0
 123 12.2 10.6 16.0

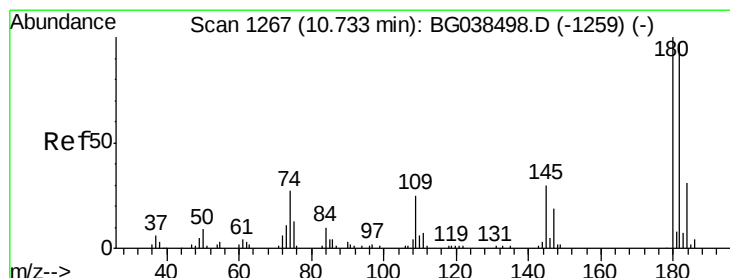
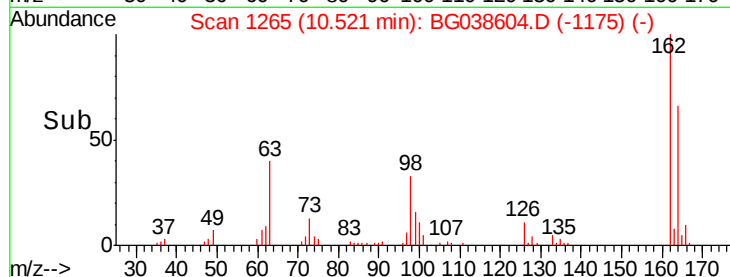
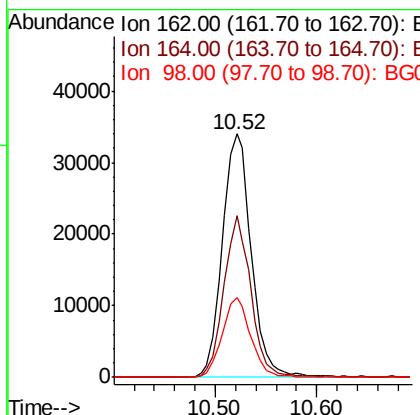
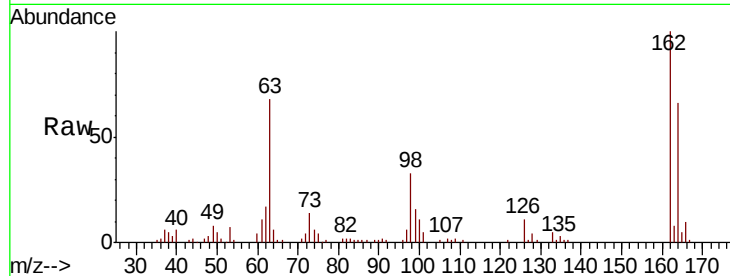




#29
 2,4-Dichlorophenol
 Concen: 46.224 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

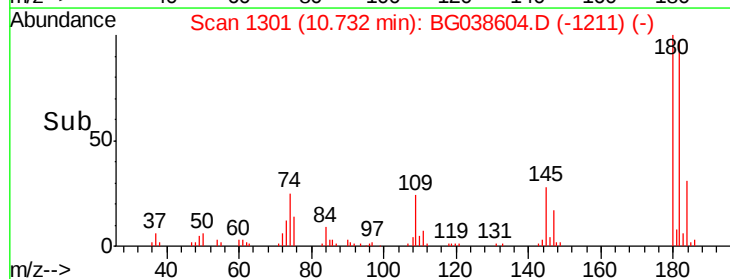
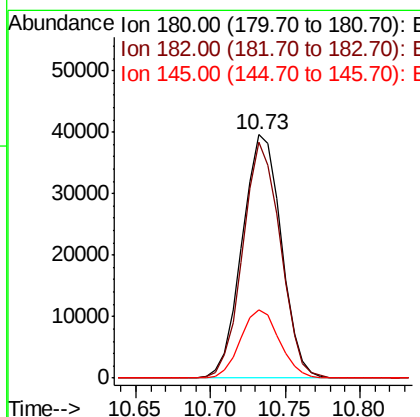
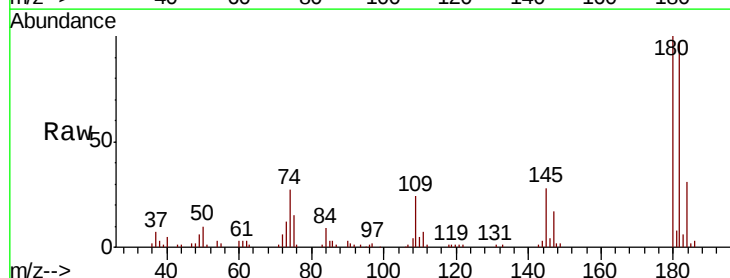
Instrument :
 BNA_G
 ClientSampleId :
 PB115679BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.4	42.9	82.9
98	32.7	12.1	52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.905 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.4	116.0
145	28.2	24.1	36.1

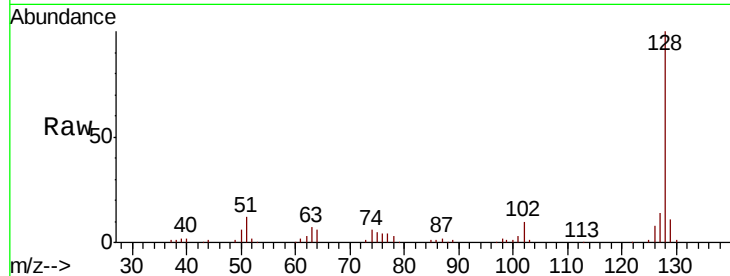




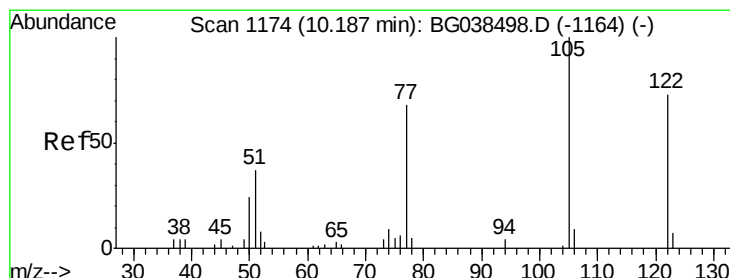
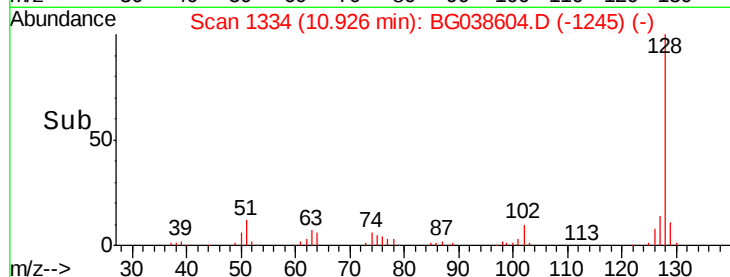
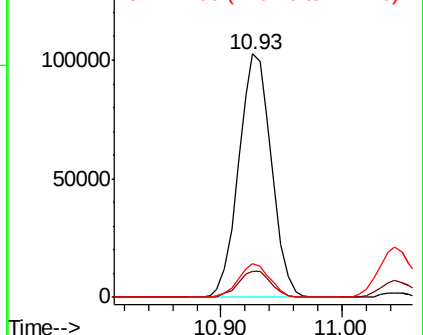
#31
Naphthalene
Concen: 43.580 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Instrument :
BNA_G
ClientSampleId :
PB115679BS

Tgt Ion:128 Resp: 192997
Ion Ratio Lower Upper
128 100
129 10.7 9.5 14.3
127 13.6 10.9 16.3

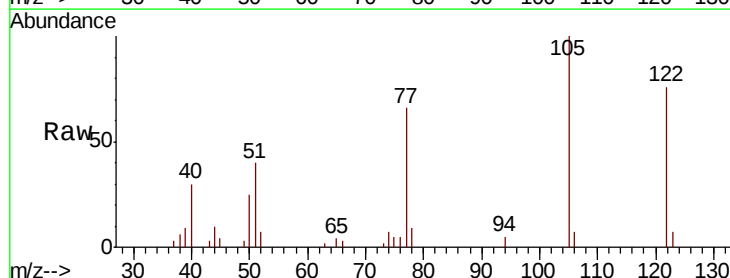


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

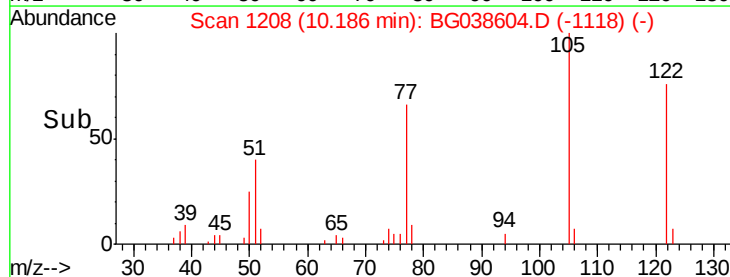
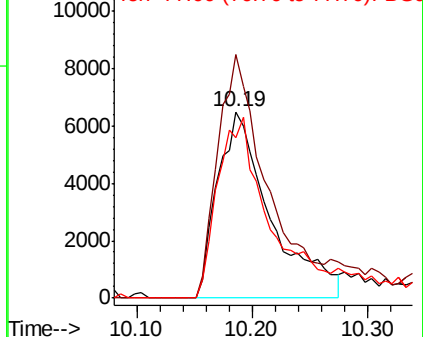


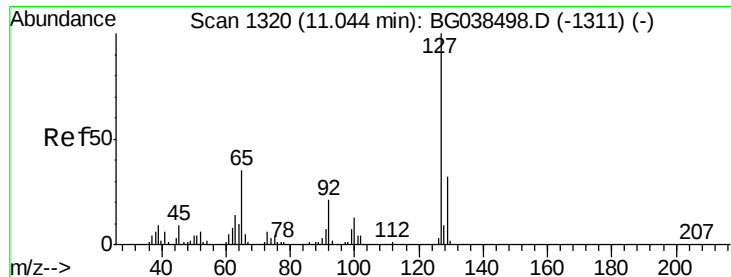
#32
Benzoic acid
Concen: 29.825 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Tgt Ion:122 Resp: 20684
Ion Ratio Lower Upper
122 100
105 130.8 116.7 156.7
77 85.9 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): BG

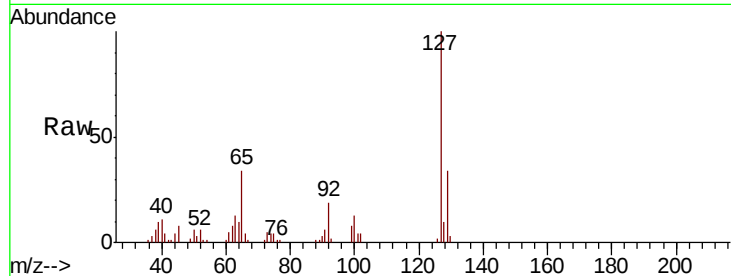




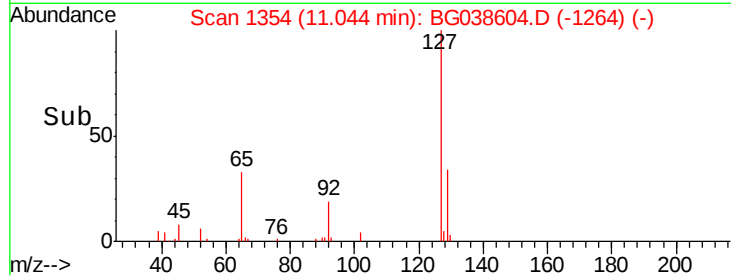
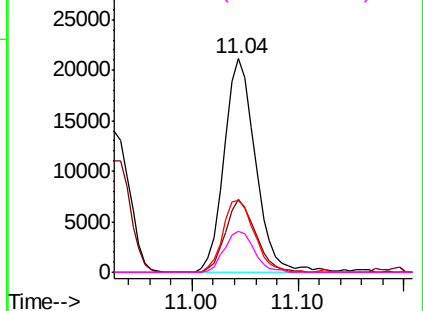
#33
4-Chloroaniline
Concen: 22.661 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Instrument :
BNA_G
ClientSampleId :
PB115679BS

Tgt Ion:	127	Resp:	43569
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.8	38.8
65	33.6	27.8	41.6
92	19.3	17.0	25.6

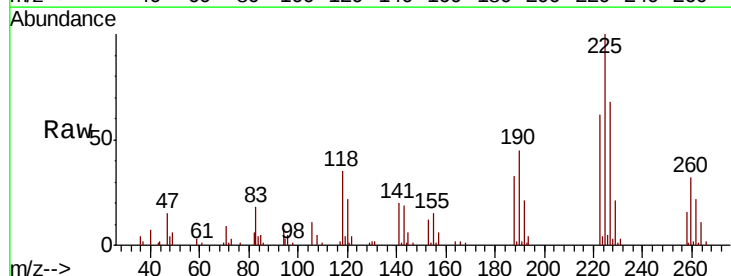


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

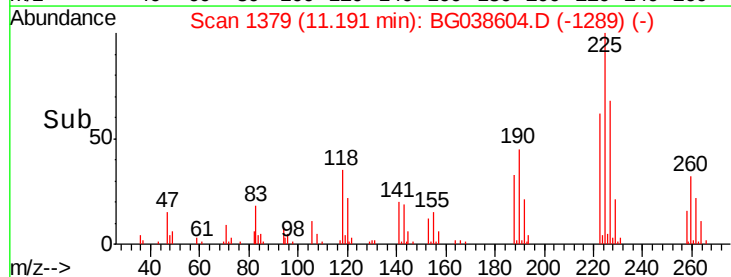
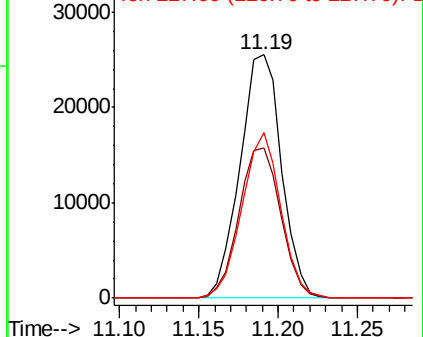


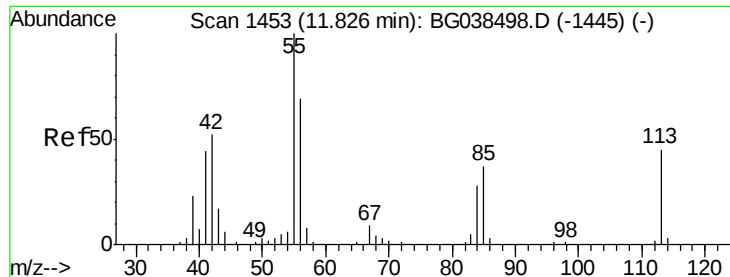
#34
Hexachlorobutadiene
Concen: 39.197 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Tgt Ion:	225	Resp:	46530
Ion	Ratio	Lower	Upper
225	100		
223	62.3	45.0	67.6
227	67.5	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: 21.264 ng

RT: 11.83 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115679BS

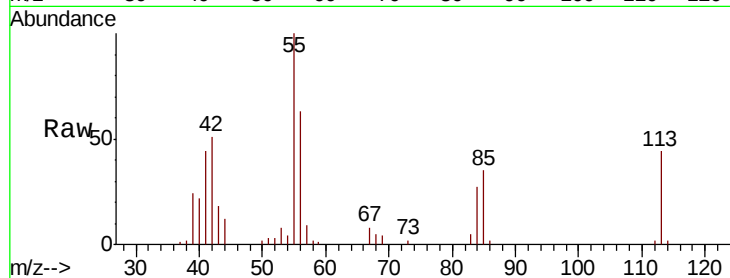
Tgt Ion:113 Resp: 12781

Ion Ratio Lower Upper

113 100

55 225.6 204.3 244.3

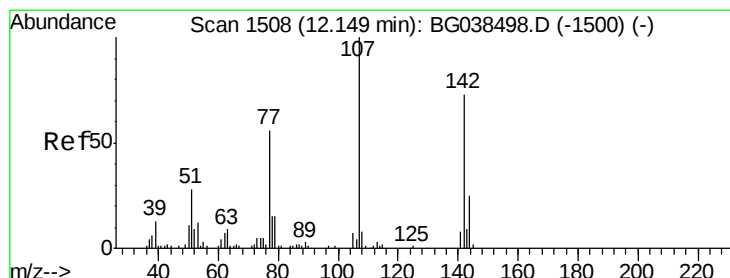
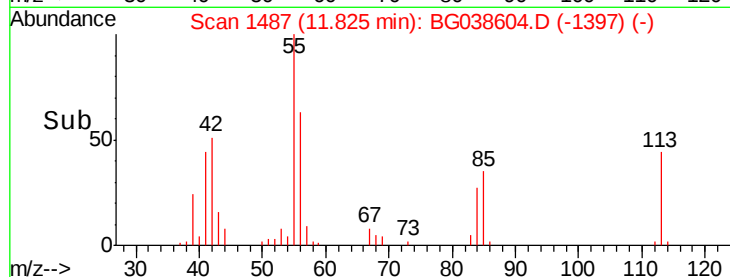
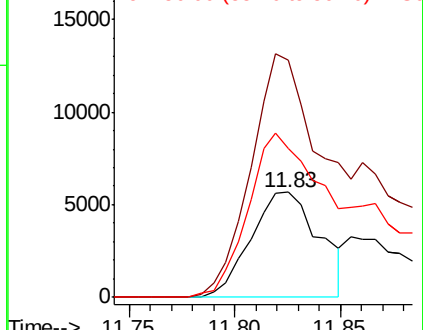
56 141.2 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.873 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

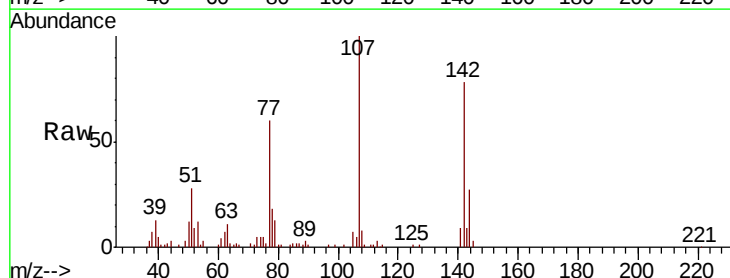
Tgt Ion:107 Resp: 67744

Ion Ratio Lower Upper

107 100

144 27.3 20.1 30.1

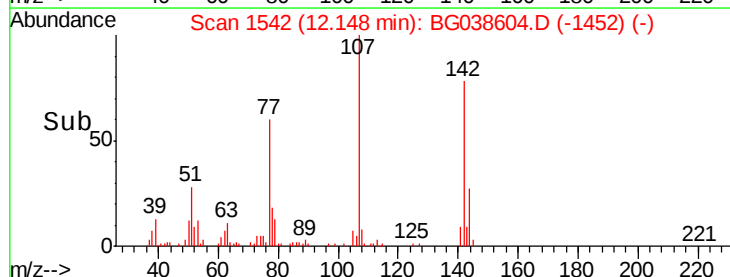
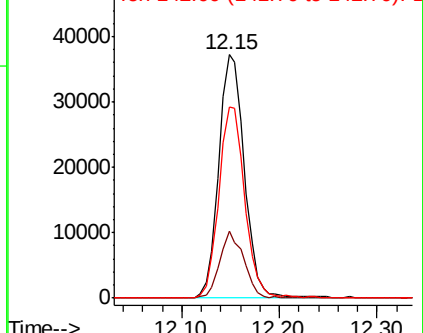
142 78.3 58.7 88.1

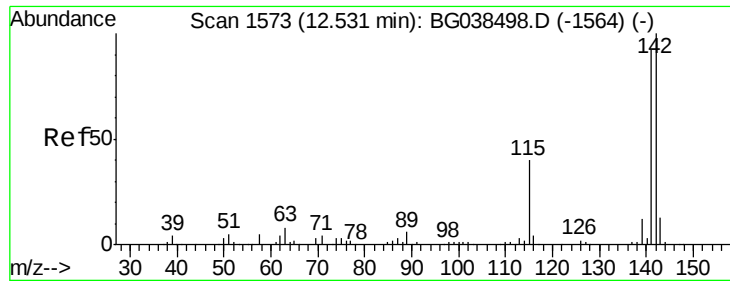


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

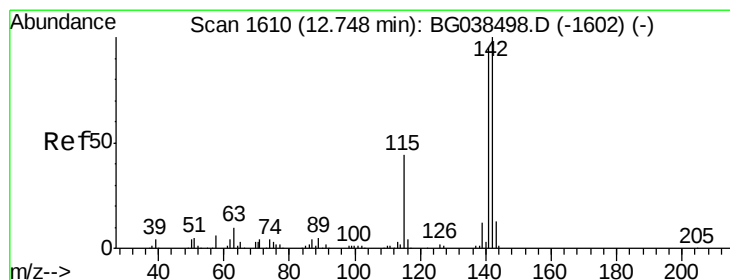
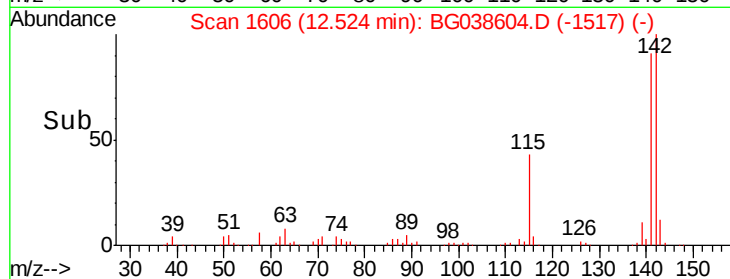
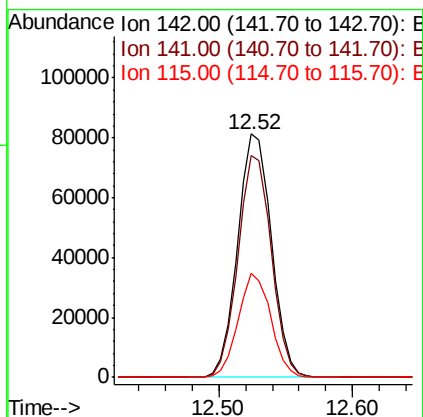
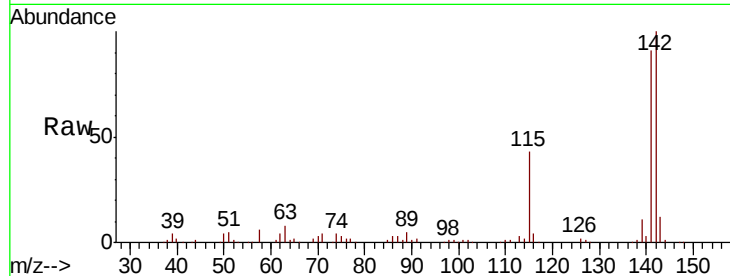




#37
 2-Methylnaphthalene
 Concen: 44.945 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

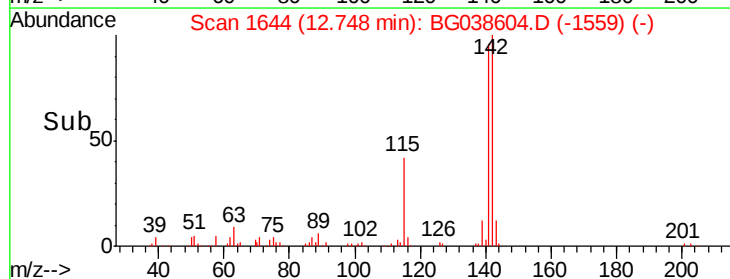
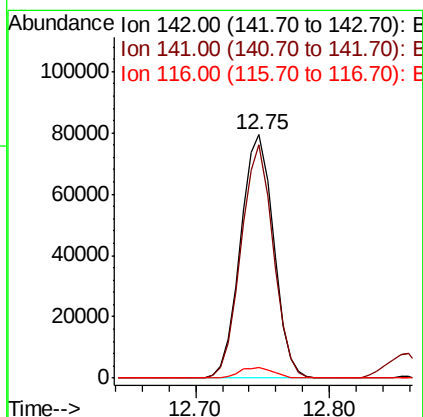
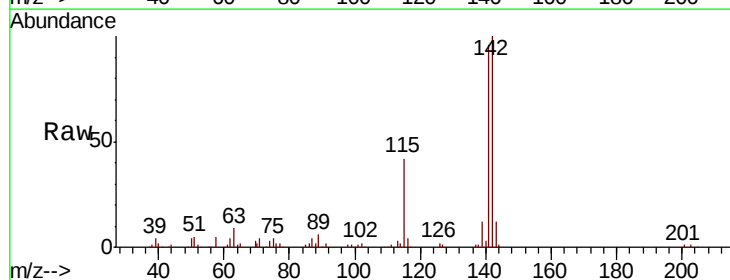
Instrument :
 BNA_G
 ClientSampleId :
 PB115679BS

Tgt Ion:142 Resp: 141999
 Ion Ratio Lower Upper
 142 100
 141 90.9 73.5 110.3
 115 42.5 31.7 47.5



#38
 1-Methylnaphthalene
 Concen: 44.255 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

Tgt Ion:142 Resp: 135678
 Ion Ratio Lower Upper
 142 100
 141 95.8 75.8 113.8
 116 4.4 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115679BS

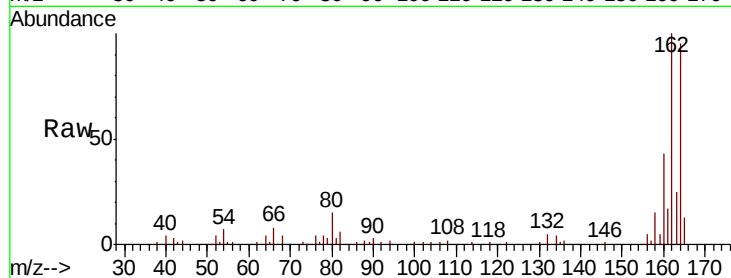
Tgt Ion:164 Resp: 57340

Ion Ratio Lower Upper

164 100

162 105.6 86.6 130.0

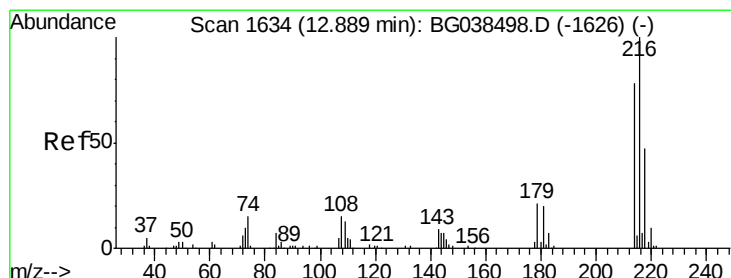
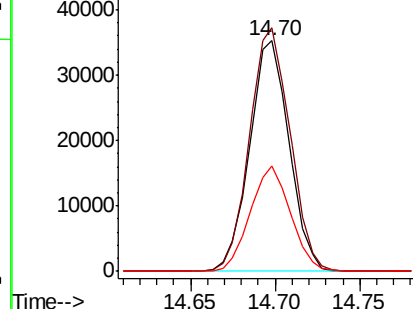
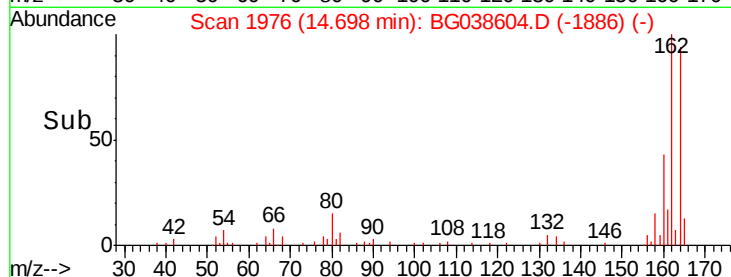
160 45.7 34.2 51.2



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: 38.557 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

Tgt Ion:216 Resp: 82642

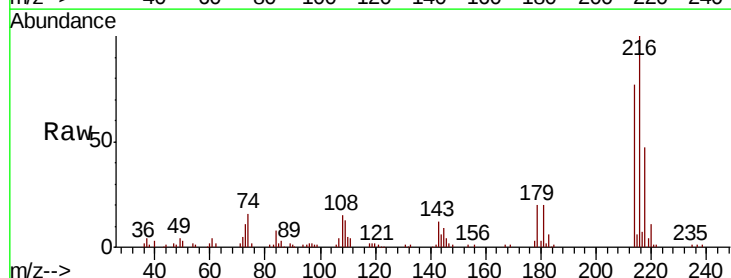
Ion Ratio Lower Upper

216 100

214 79.4 64.1 96.1

179 20.7 16.4 24.6

108 19.6 13.9 20.9

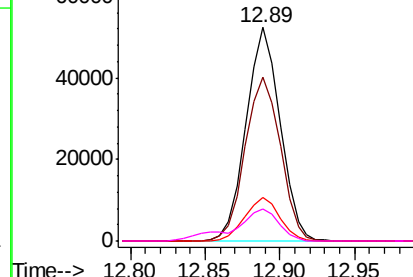
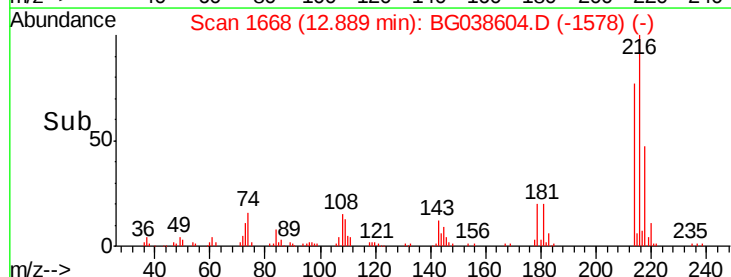


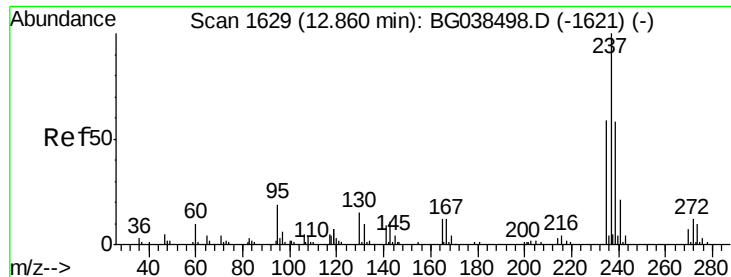
Abundance Ion 216.00 (215.70 to 216.70): E

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: 99.364 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115679BS

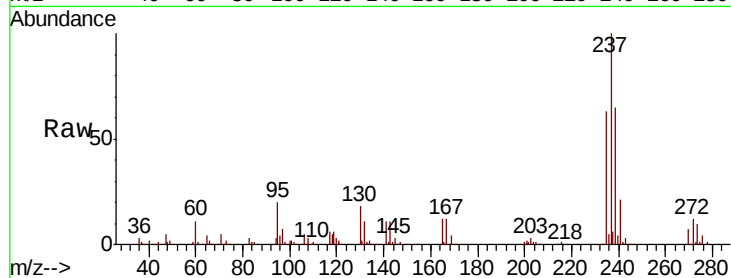
Tgt Ion: 237 Resp: 117006

Ion Ratio Lower Upper

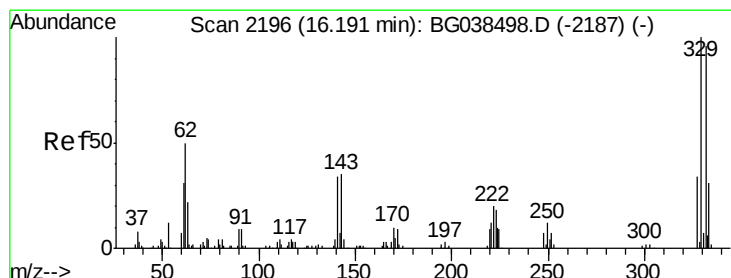
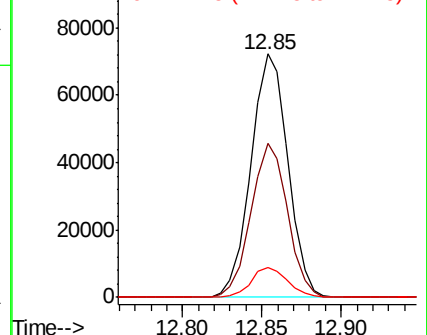
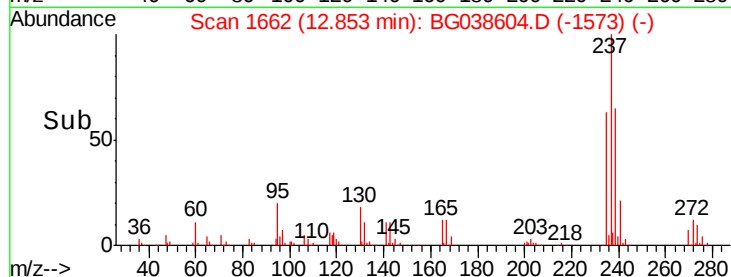
237 100

235 63.3 38.8 78.8

272 12.5 0.0 32.0



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



#42

2,4,6-Tribromophenol

Concen: 117.002 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

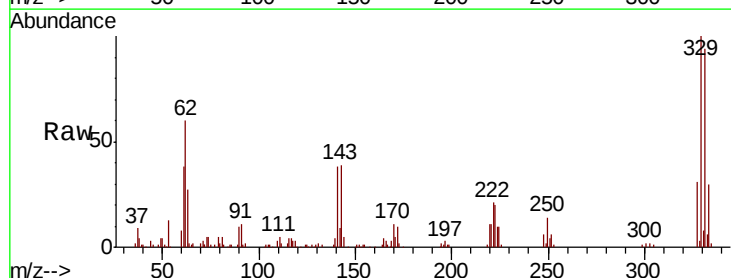
Tgt Ion: 330 Resp: 92461

Ion Ratio Lower Upper

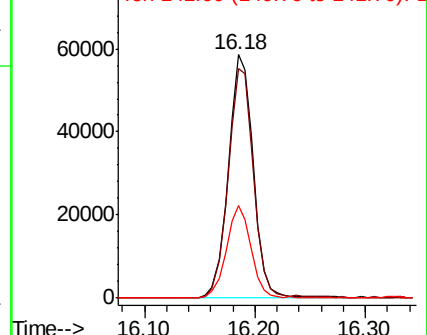
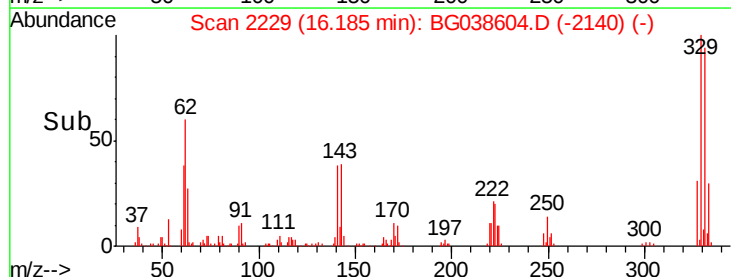
330 100

332 96.1 76.9 115.3

141 37.1 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

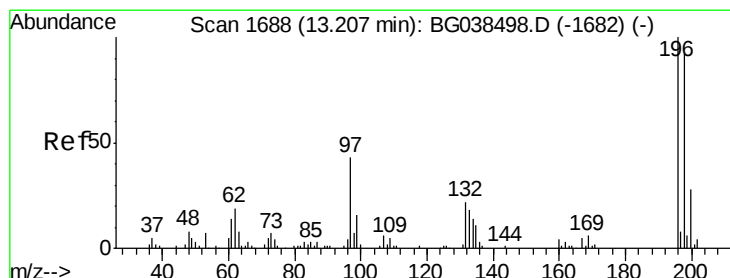
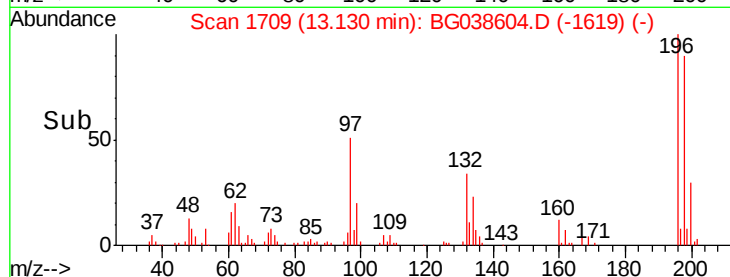
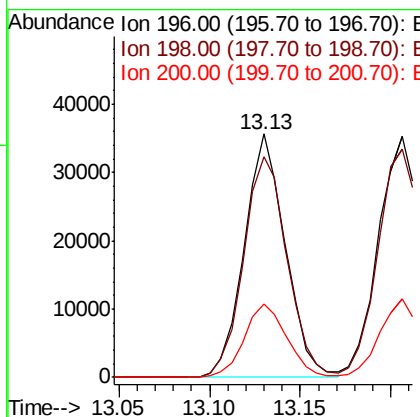
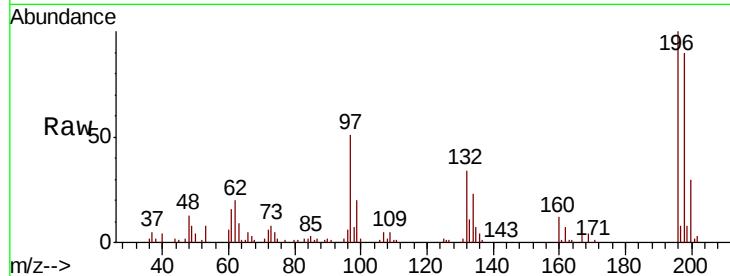




#43
 2,4,6-Trichlorophenol
 Concen: 42.668 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

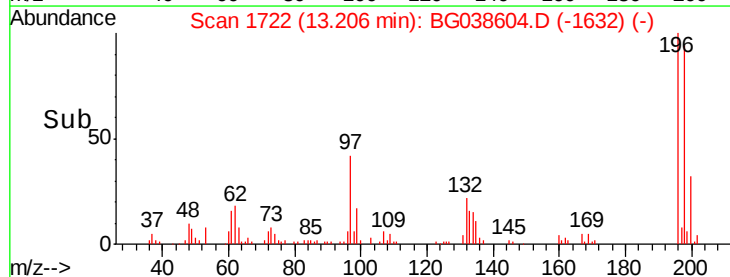
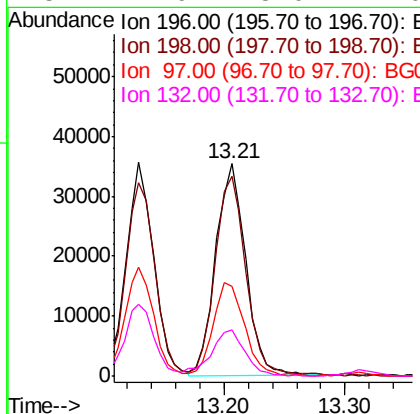
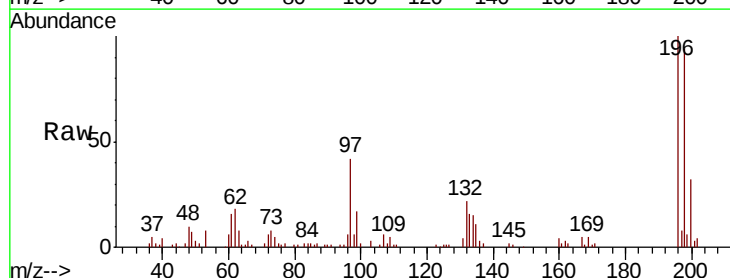
Instrument :
 BNA_G
 ClientSampleId :
 PB115679BS

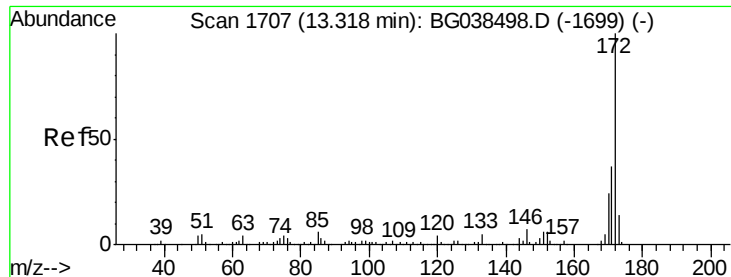
Tgt Ion:196 Resp: 56231
 Ion Ratio Lower Upper
 196 100
 198 90.4 75.0 112.4
 200 29.9 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 43.695 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

Tgt Ion:196 Resp: 60969
 Ion Ratio Lower Upper
 196 100
 198 94.3 74.0 111.0
 97 42.5 35.1 52.7
 132 21.9 18.0 27.0

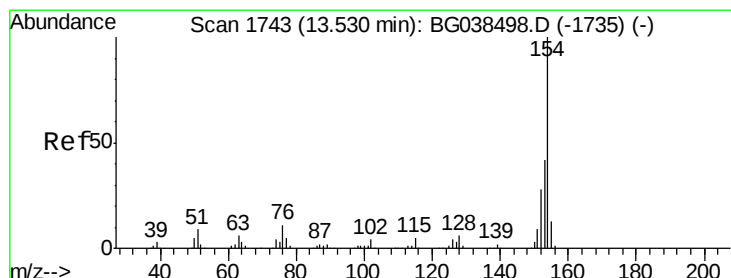
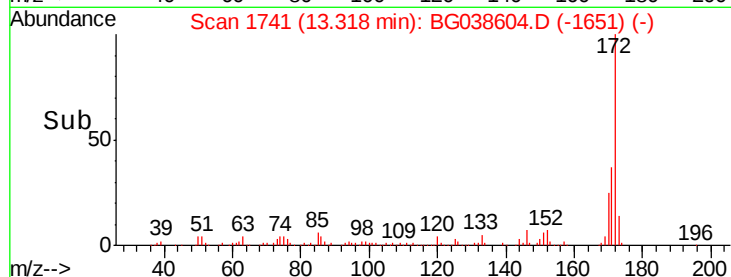
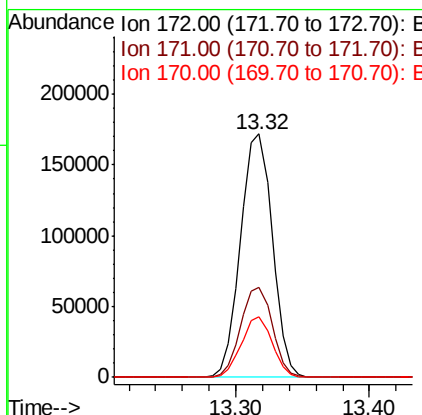
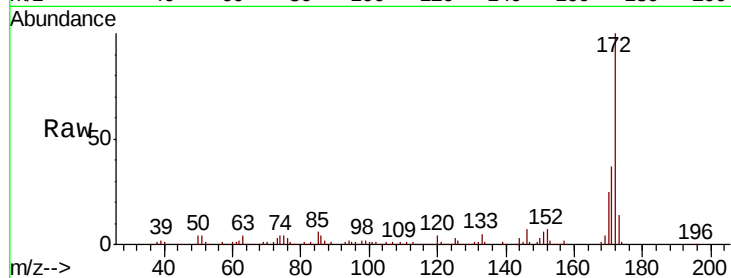




#45
 2-Fluorobiphenyl
 Concen: 67.802 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

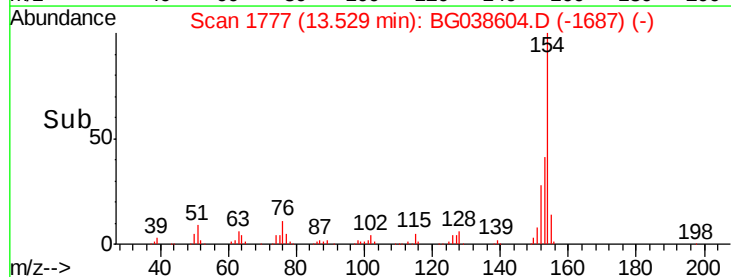
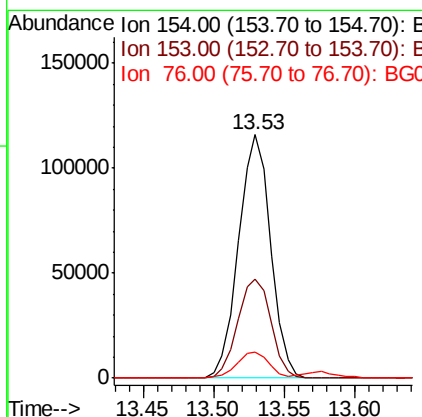
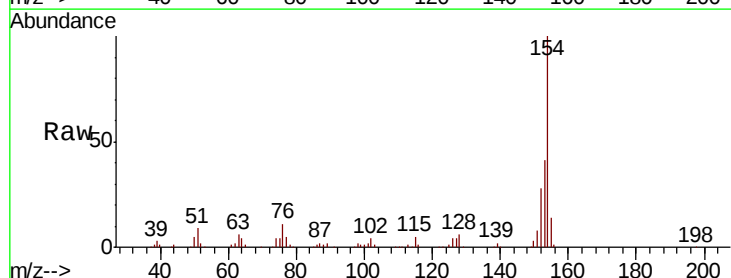
Instrument :
 BNA_G
 ClientSampleId :
 PB115679BS

Tgt Ion:172 Resp: 283396
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.6
 170 25.0 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 38.193 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

Tgt Ion:154 Resp: 183593
 Ion Ratio Lower Upper
 154 100
 153 40.7 22.1 62.1
 76 10.9 0.0 31.2

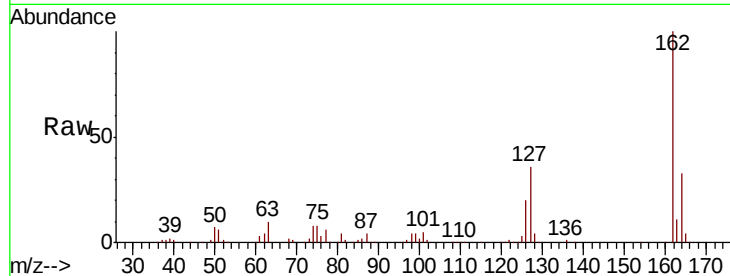




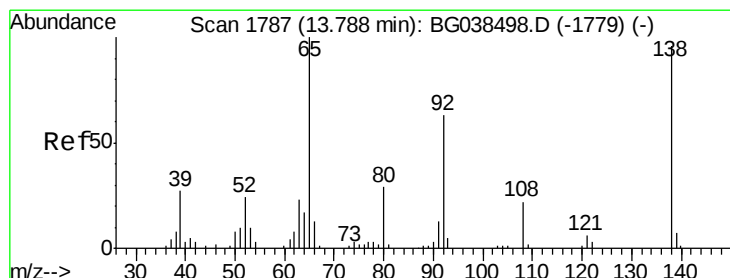
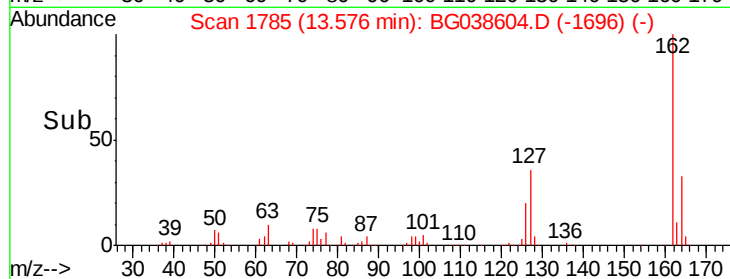
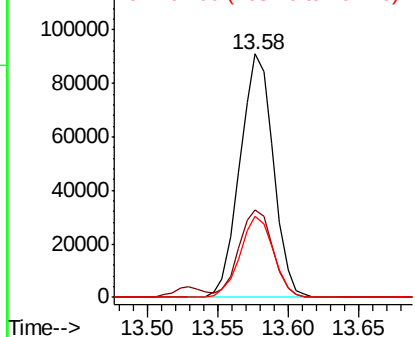
#47
 2-Chloronaphthalene
 Concen: 40.474 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

Instrument :
 BNA_G
 ClientSampleId :
 PB115679BS

Tgt Ion: 162 Resp: 150285
 Ion Ratio Lower Upper
 162 100
 127 35.8 27.8 41.8
 164 33.0 26.9 40.3

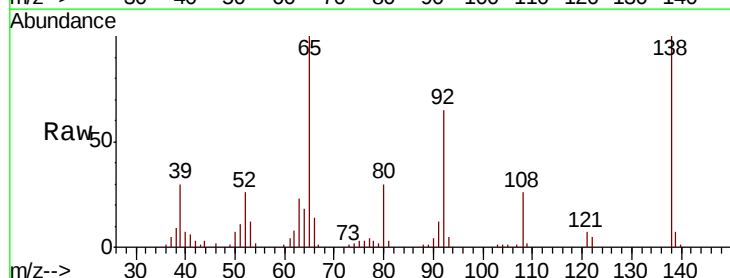


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

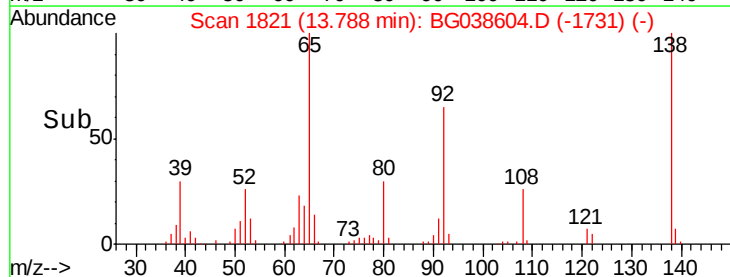
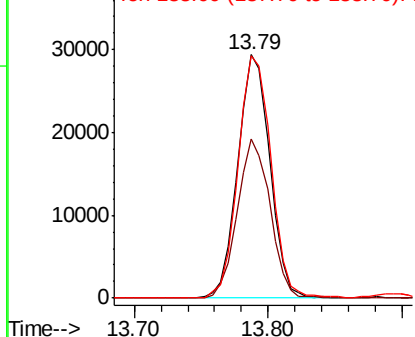


#48
 2-Nitroaniline
 Concen: 41.366 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

Tgt Ion: 65 Resp: 48924
 Ion Ratio Lower Upper
 65 100
 92 65.3 50.0 75.0
 138 99.8 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: 43.220 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115679BS

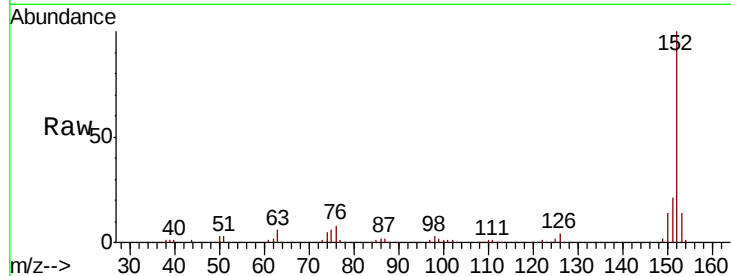
Tgt Ion:152 Resp: 239914

Ion Ratio Lower Upper

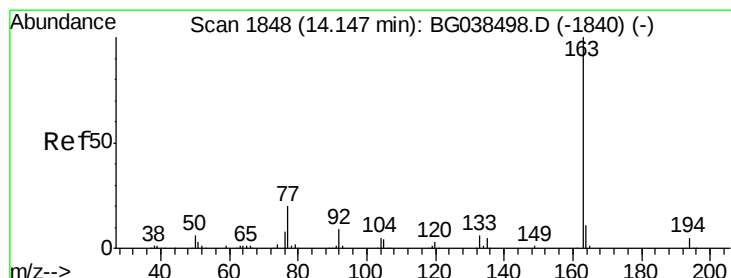
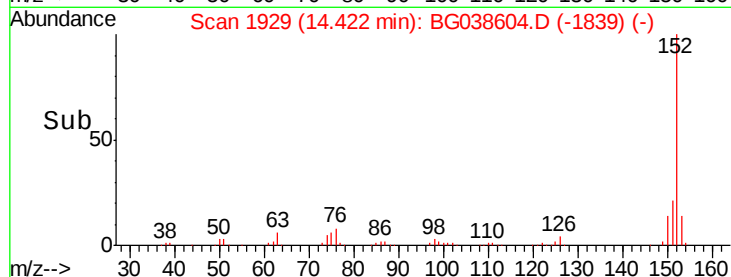
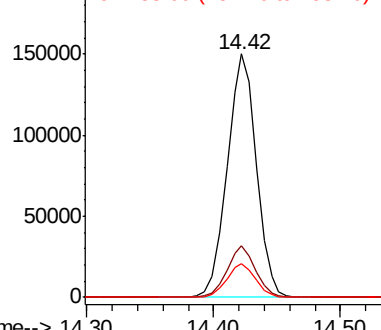
152 100

151 21.0 16.4 24.6

153 13.6 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.654 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

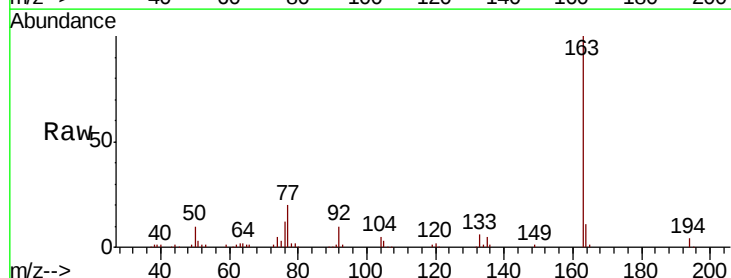
Tgt Ion:163 Resp: 195048

Ion Ratio Lower Upper

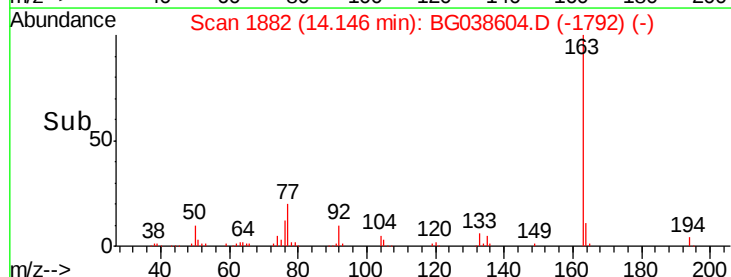
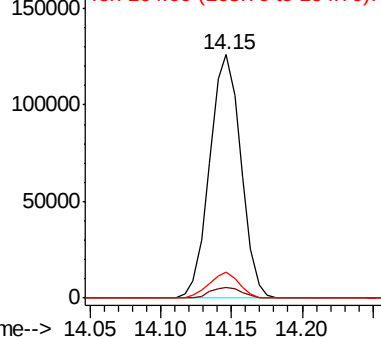
163 100

194 4.5 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

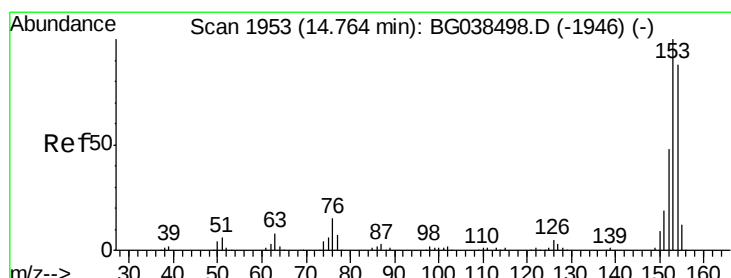
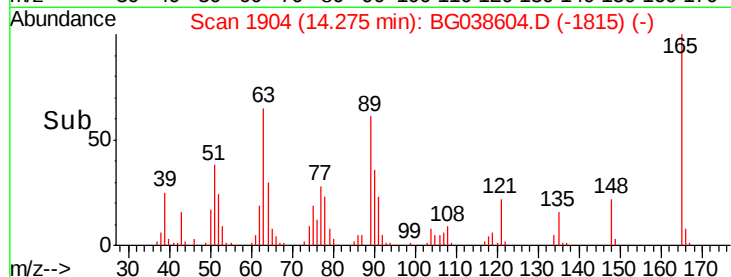
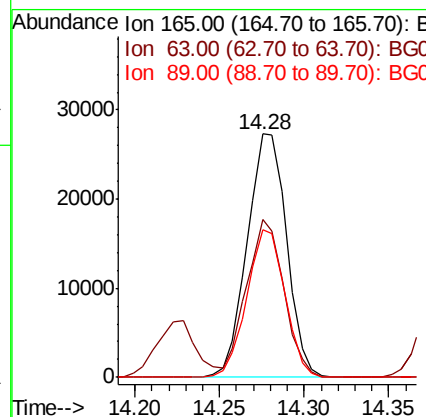
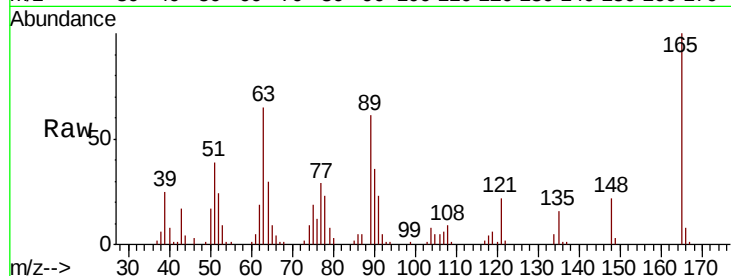




#51
 2,6-Dinitrotoluene
 Concen: 41.793 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

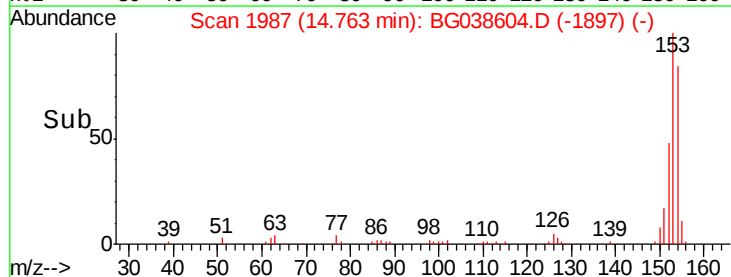
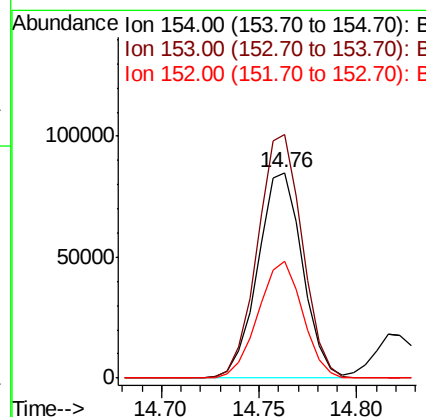
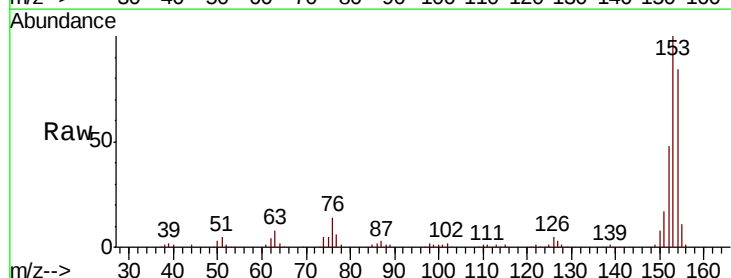
Instrument :
 BNA_G
 ClientSampleId :
 PB115679BS

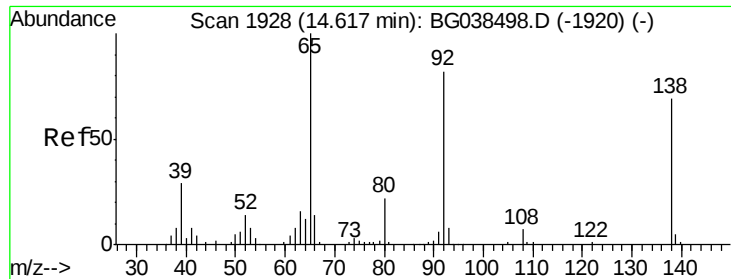
Tgt Ion:165 Resp: 44349
 Ion Ratio Lower Upper
 165 100
 63 64.8 51.8 77.6
 89 60.8 47.9 71.9



#52
 Acenaphthene
 Concen: 40.605 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

Tgt Ion:154 Resp: 134778
 Ion Ratio Lower Upper
 154 100
 153 118.4 90.6 136.0
 152 57.0 43.5 65.3

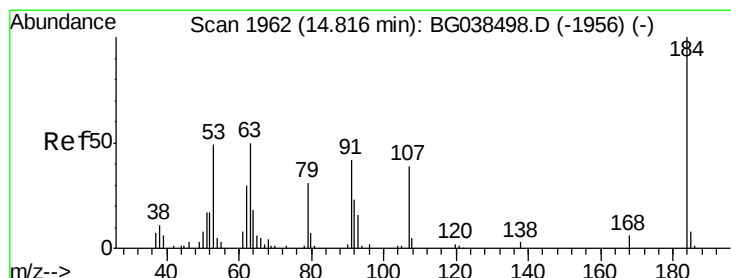
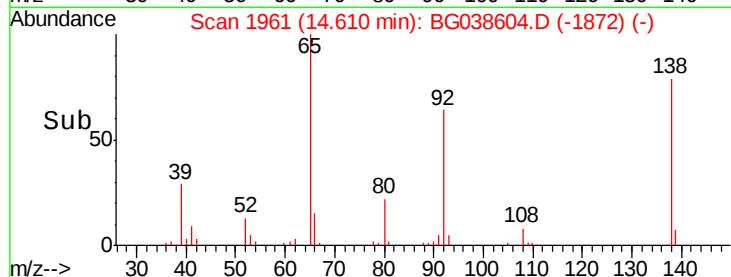
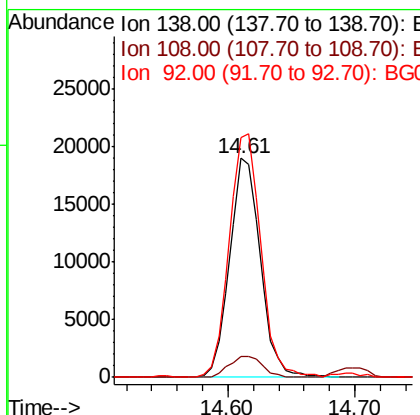
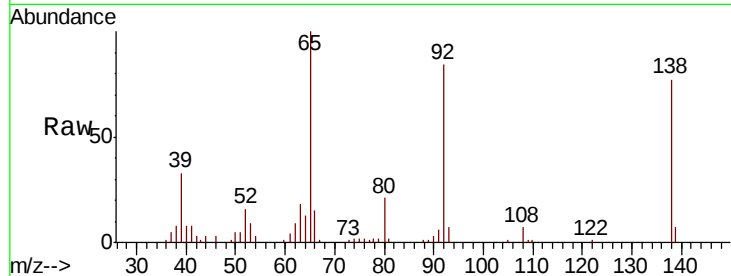




#53
3-Nitroaniline
Concen: 29.312 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

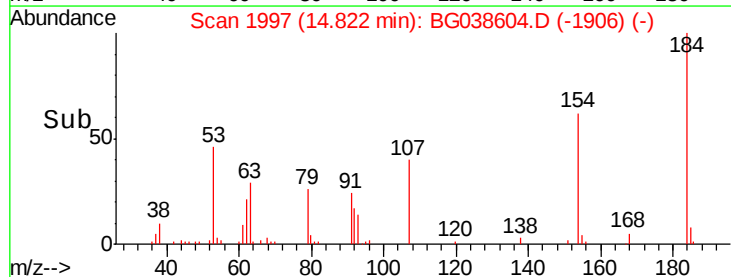
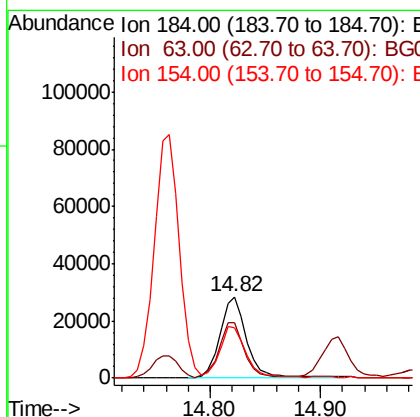
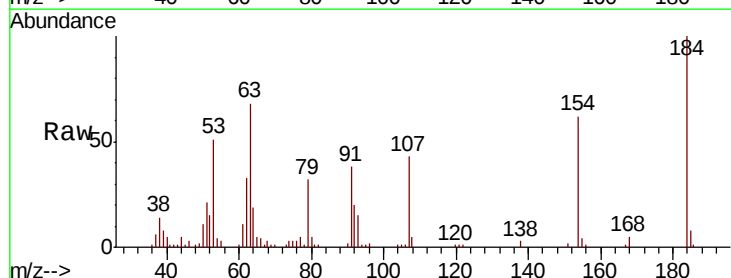
Instrument :
BNA_G
ClientSampleId :
PB115679BS

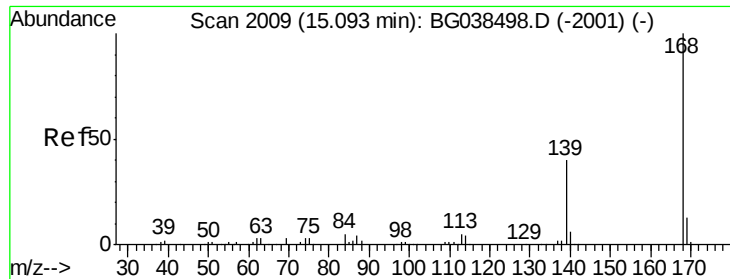
Tgt Ion:138 Resp: 31707
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 109.8 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 76.433 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Tgt Ion:184 Resp: 48103
Ion Ratio Lower Upper
184 100
63 67.8 47.0 70.6
154 62.4 50.3 75.5

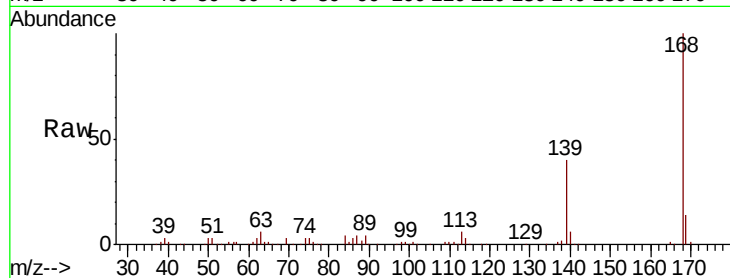




#55
Dibenzenofuran
Concen: 40.141 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Instrument :
BNA_G
ClientSampleId :
PB115679BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	32.2	48.2
169	13.7	10.6	16.0

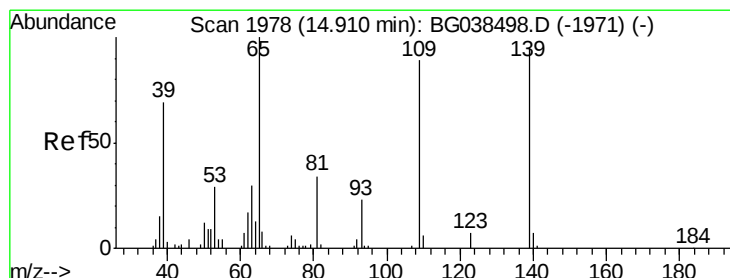
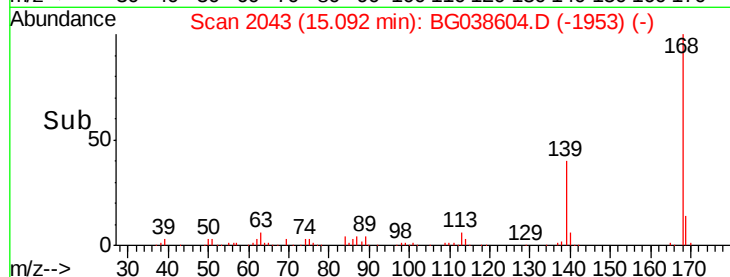
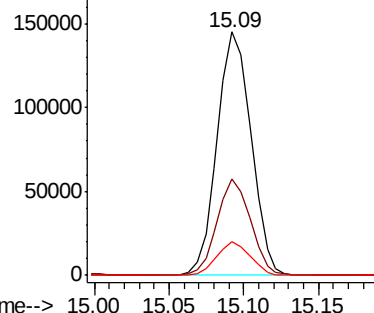


Abundance

Ion 168.00 (167.70 to 168.70): E

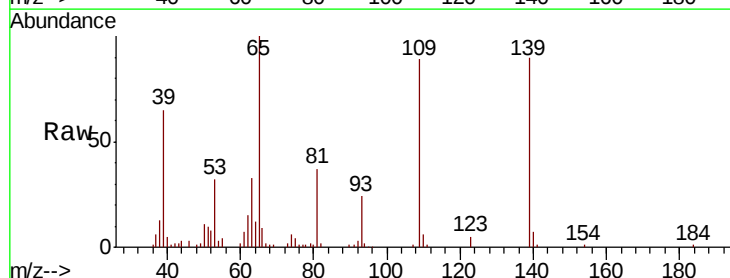
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 84.753 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.8	73.6	113.6
65	111.6	84.8	124.8

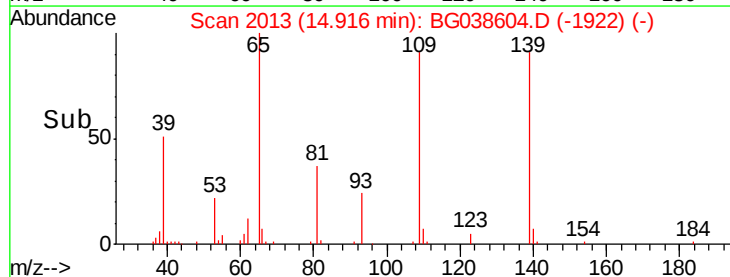
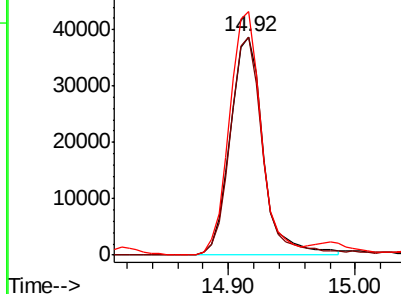


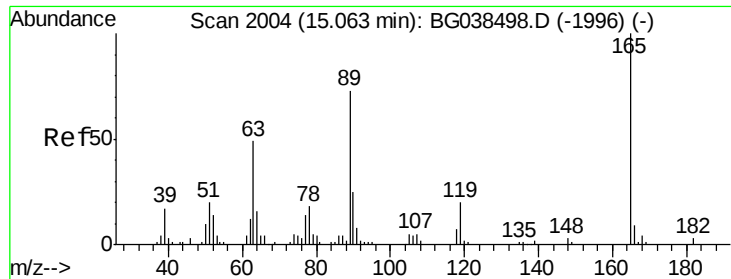
Abundance

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): E

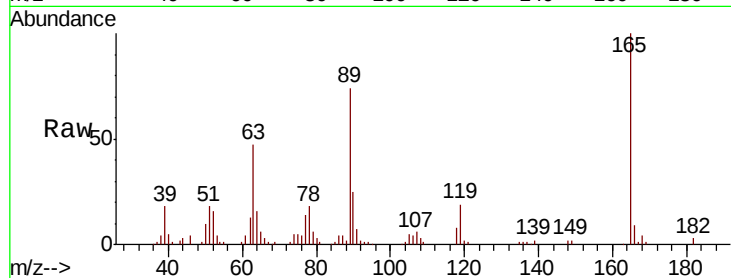




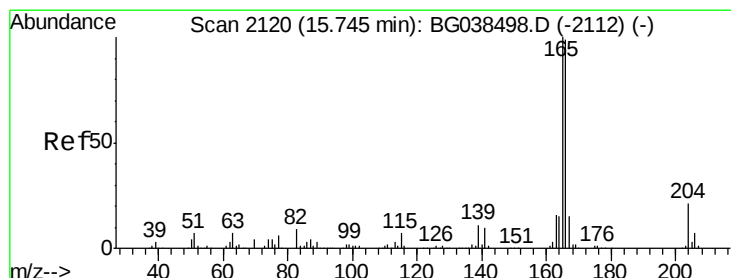
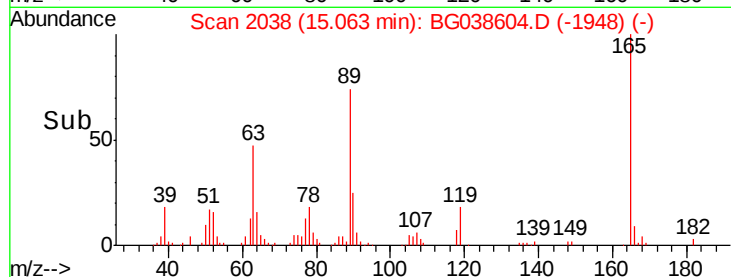
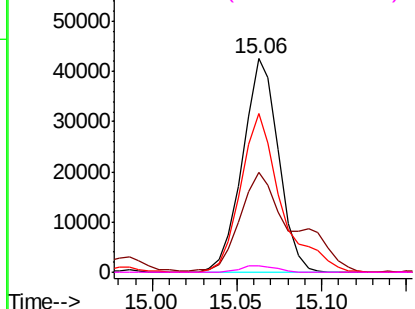
#57
2,4-Dinitrotoluene
Concen: 42.172 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Instrument :
BNA_G
ClientSampleId :
PB115679BS

Tgt Ion:165 Resp: 63030
Ion Ratio Lower Upper
165 100
63 47.0 39.0 58.4
89 74.4 58.0 87.0
182 3.0 2.3 3.5

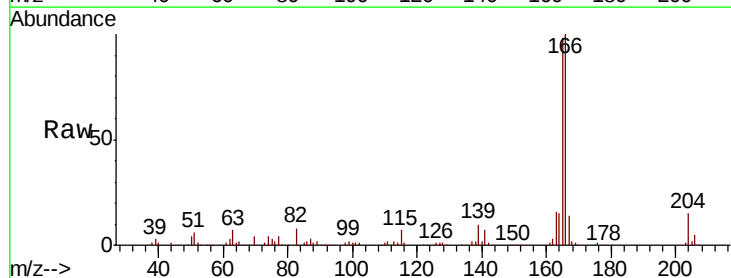


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

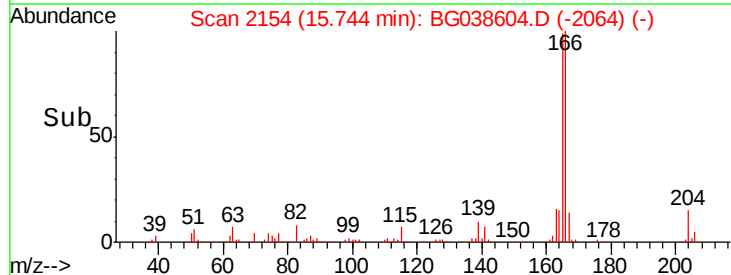
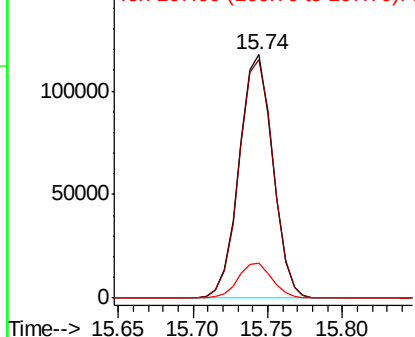


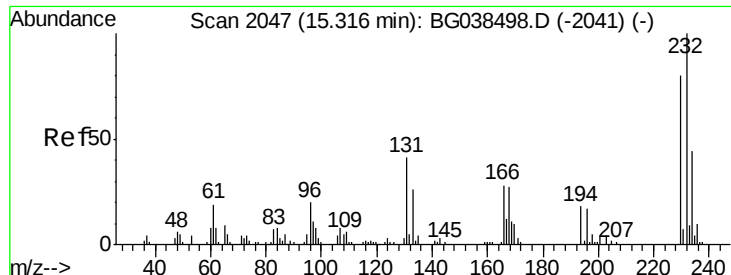
#58
Fluorene
Concen: 43.494 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Tgt Ion:166 Resp: 183345
Ion Ratio Lower Upper
166 100
165 98.0 80.6 120.8
167 14.2 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

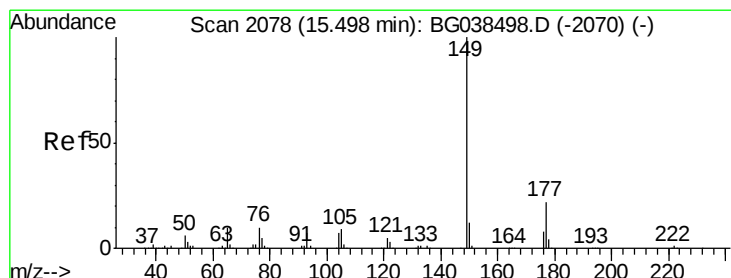
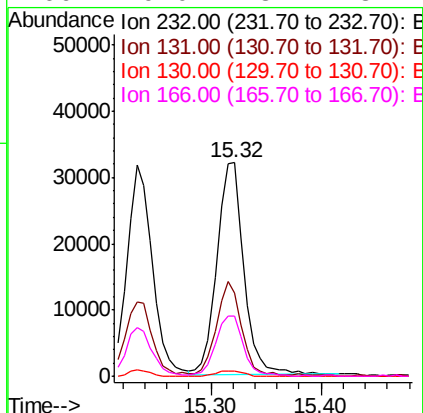
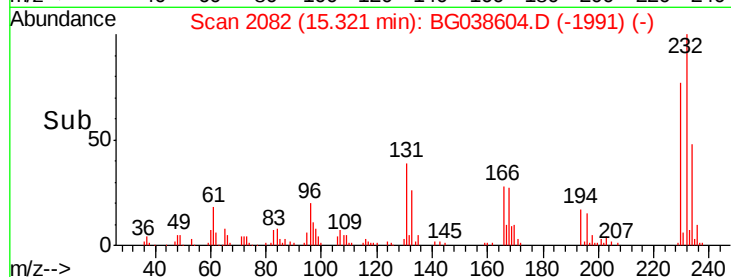
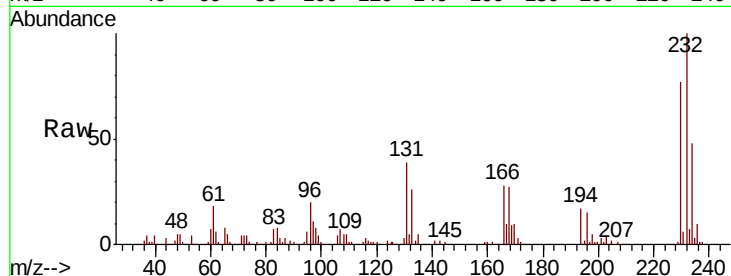




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.602 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.01 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

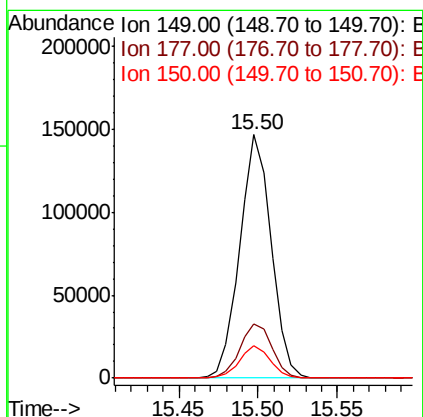
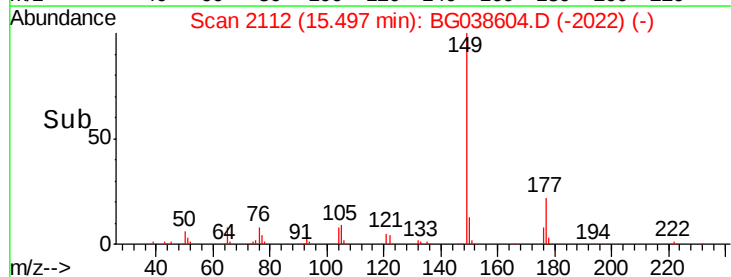
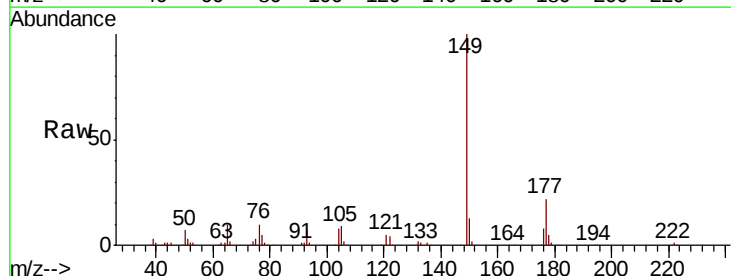
Instrument :
BNA_G
ClientSampleId :
PB115679BS

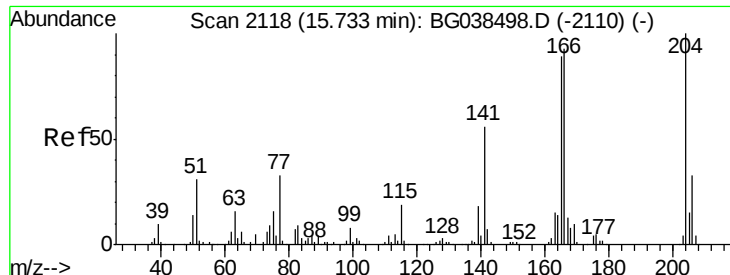
Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.2	33.0	49.4
130	2.5	2.0	3.0
166	29.0	23.1	34.7



#60
Diethylphthalate
Concen: 39.123 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.7	26.5
150	13.1	9.9	14.9

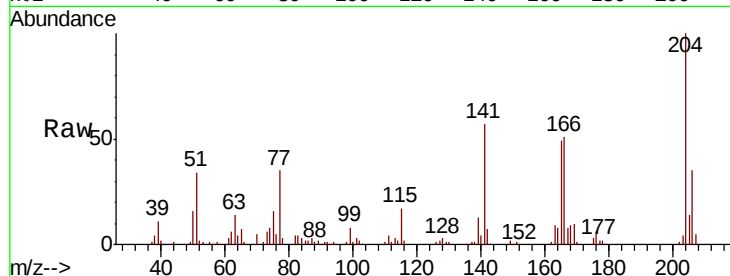




#61
4-Chlorophenyl-phenylether
Concen: 39.643 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Instrument :
BNA_G
ClientSampleId :
PB115679BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.6	26.0	39.0
141	57.4	44.4	66.6

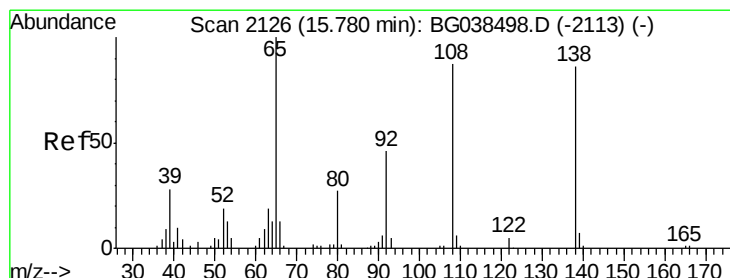
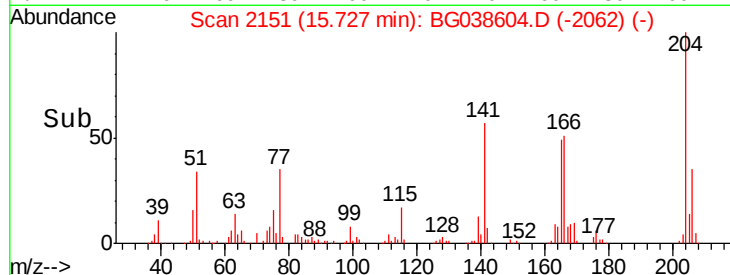
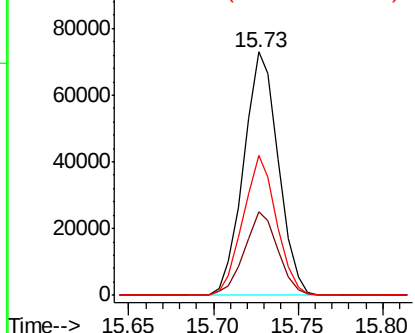


Abundance

Ion 204.00 (203.70 to 204.70): E

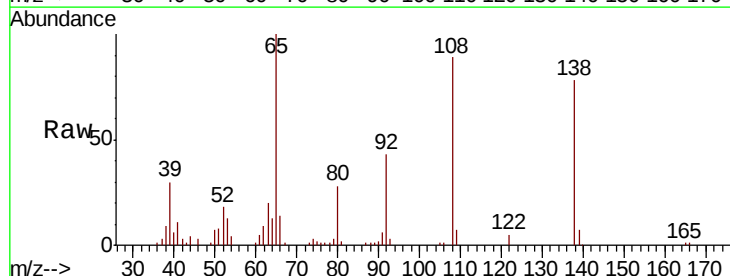
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.017 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.5	33.3	73.3
108	114.9	81.4	121.4

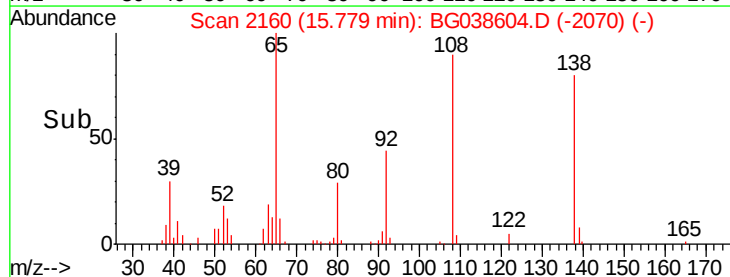
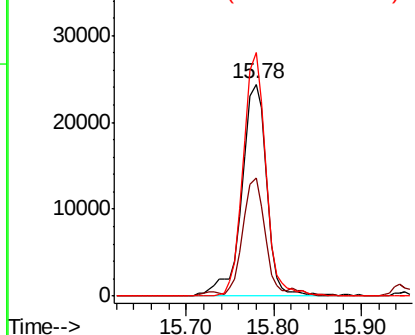


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

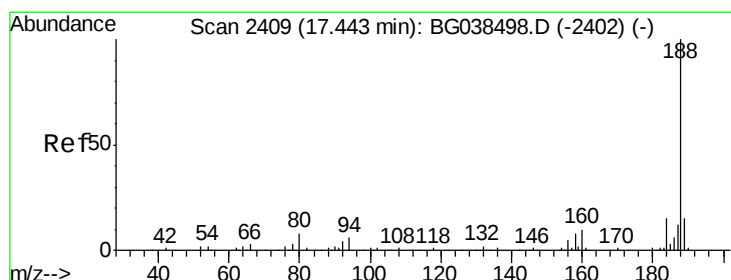
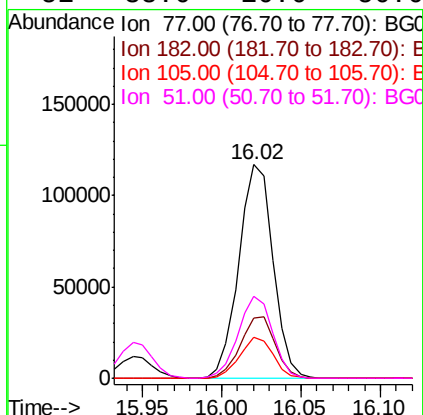
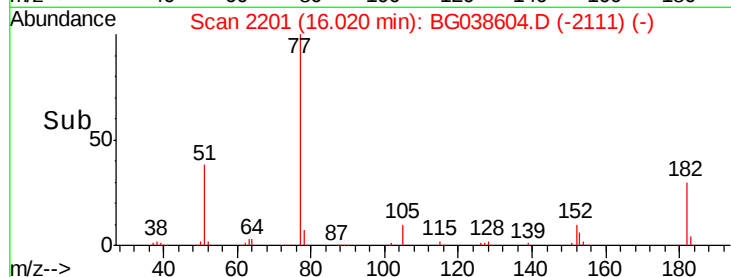
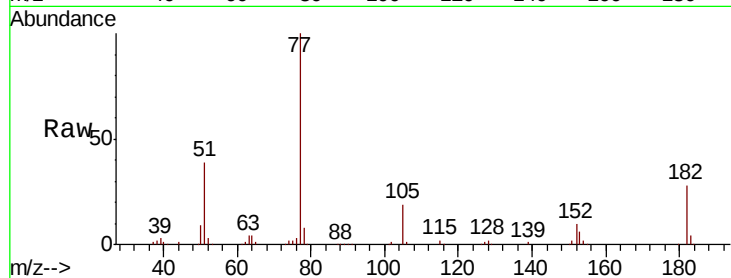




#63
Azobenzene
Concen: 40.910 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

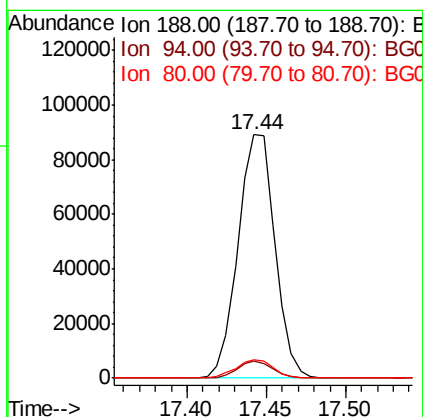
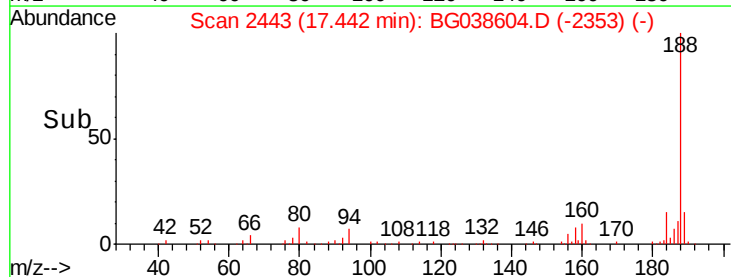
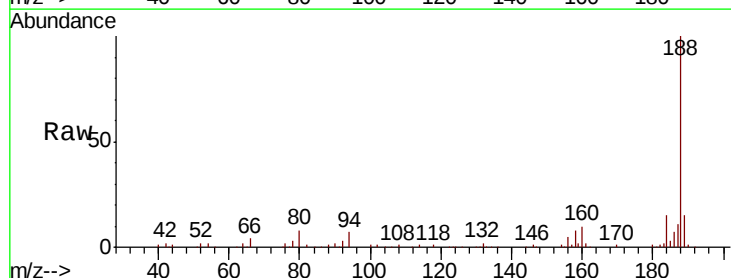
Instrument :
BNA_G
ClientSampleId :
PB115679BS

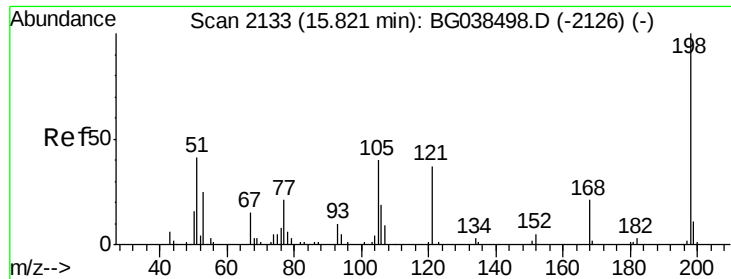
Tgt Ion: 77 Resp: 175679
Ion Ratio Lower Upper
77 100
182 28.3 8.7 48.7
105 19.0 0.0 38.7
51 38.6 16.6 56.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Tgt Ion: 188 Resp: 143632
Ion Ratio Lower Upper
188 100
94 6.9 5.1 7.7
80 7.8 6.1 9.1

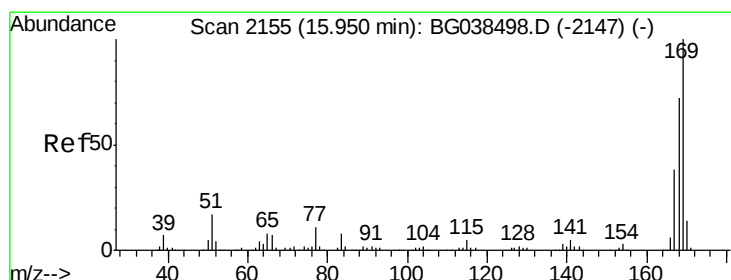
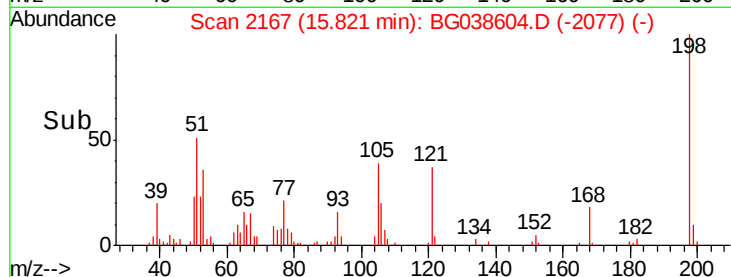
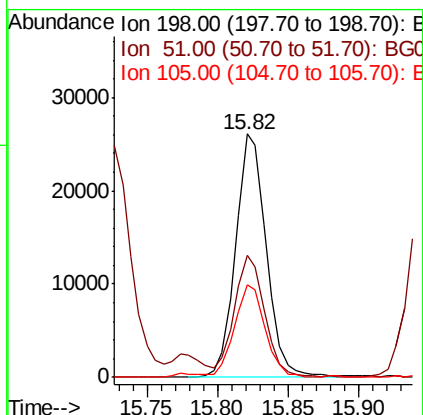
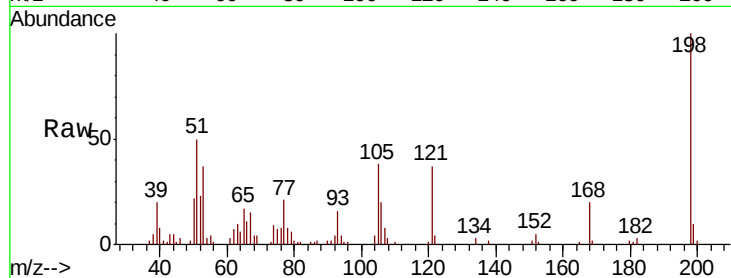




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.515 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

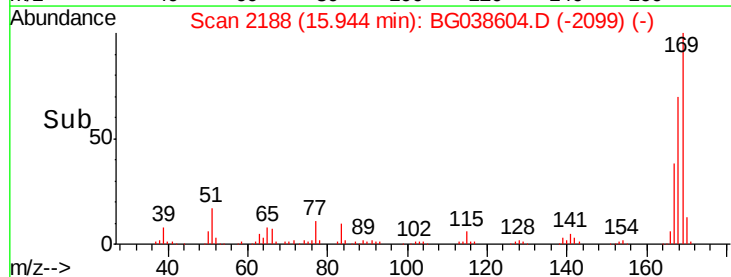
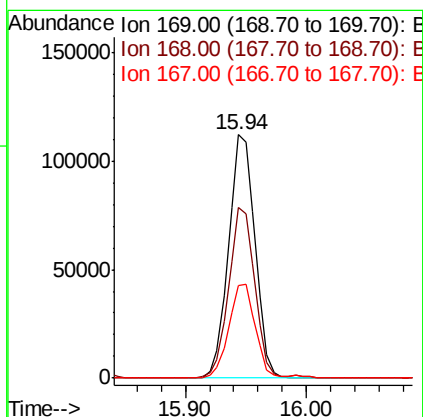
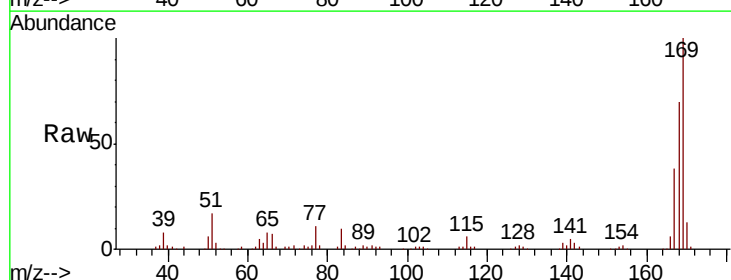
Instrument :
 BNA_G
 ClientSampleId :
 PB115679BS

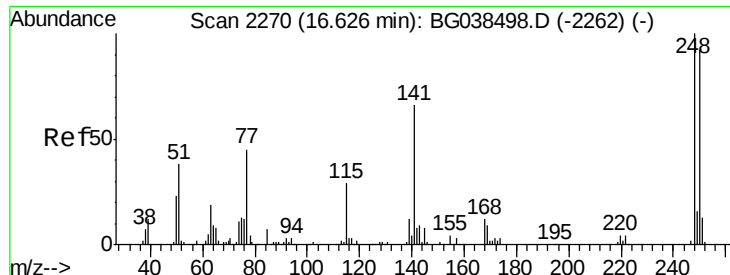
Tgt Ion:198 Resp: 39462
 Ion Ratio Lower Upper
 198 100
 51 50.3 28.6 68.6
 105 38.2 20.4 60.4



#66
 n-Nitrosodiphenylamine
 Concen: 40.408 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

Tgt Ion:169 Resp: 170529
 Ion Ratio Lower Upper
 169 100
 168 70.3 57.5 86.3
 167 37.9 30.2 45.2

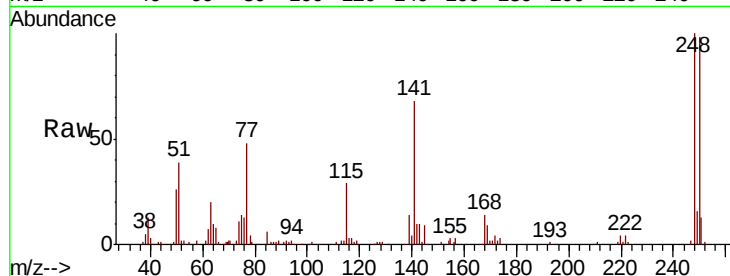




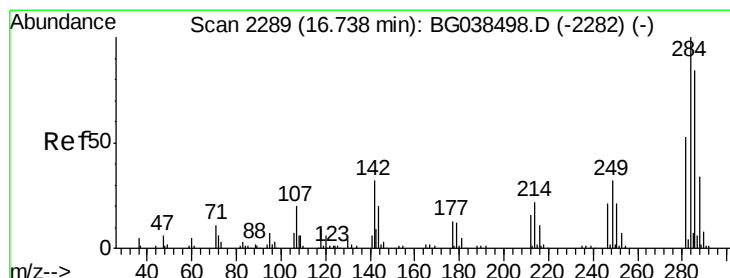
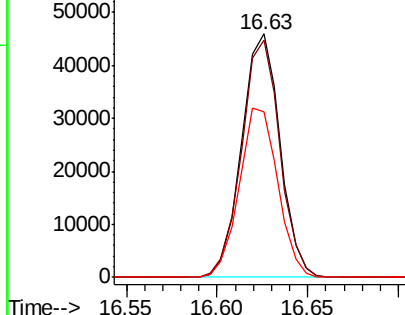
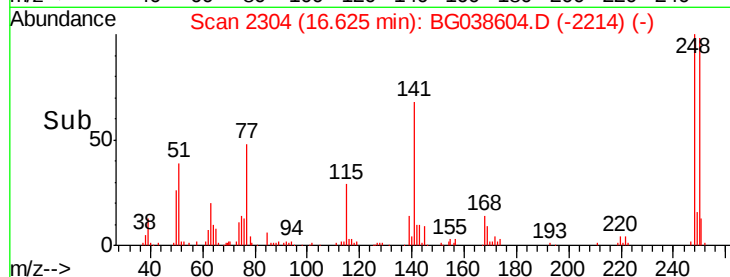
#67
 4-Bromophenyl-phenylether
 Concen: 38.387 ng
 RT: 16.63 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

Instrument :
 BNA_G
 ClientSampleId :
 PB115679BS

Tgt Ion:248 Resp: 67337
 Ion Ratio Lower Upper
 248 100
 250 97.6 73.4 110.2
 141 68.0 52.9 79.3

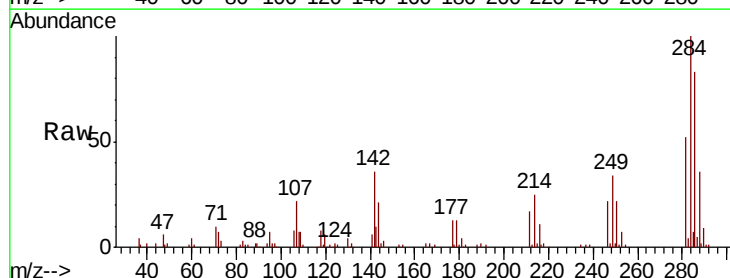


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

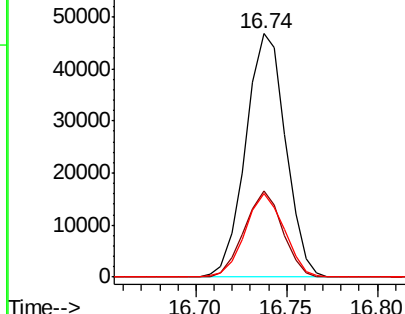
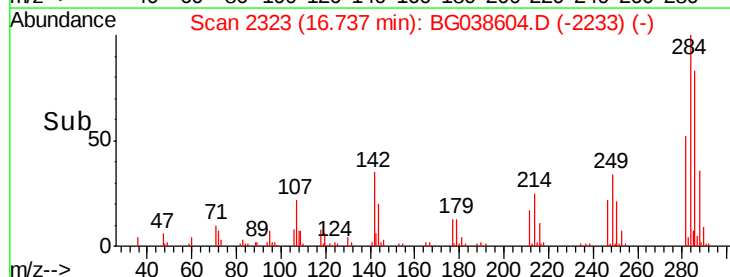


#68
 Hexachlorobenzene
 Concen: 39.350 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

Tgt Ion:284 Resp: 71553
 Ion Ratio Lower Upper
 284 100
 142 35.6 25.8 38.6
 249 36.7 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: 45.613 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115679BS

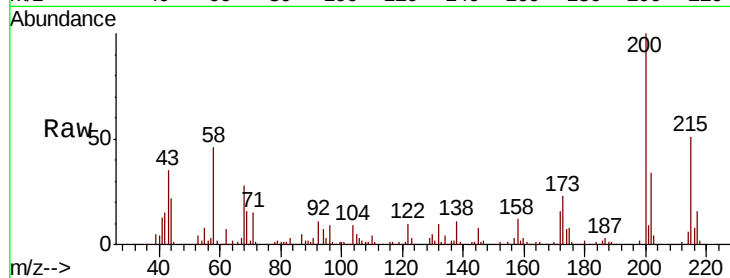
Tgt Ion:200 Resp: 71438

Ion Ratio Lower Upper

200 100

173 23.5 5.9 45.9

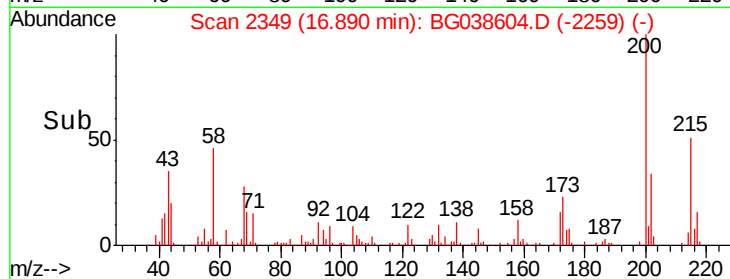
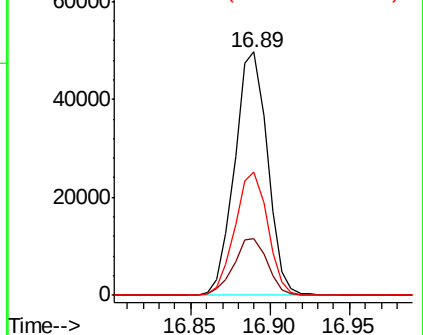
215 50.6 33.1 73.1



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: 74.907 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

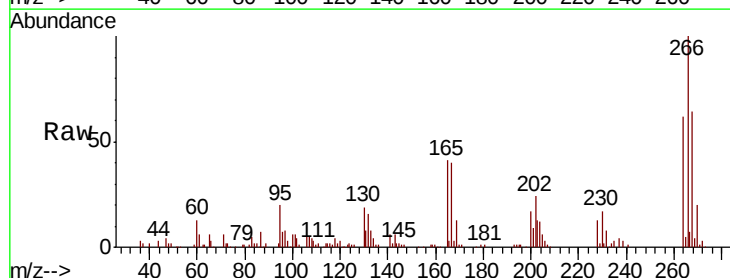
Tgt Ion:266 Resp: 80566

Ion Ratio Lower Upper

266 100

268 67.8 55.0 82.6

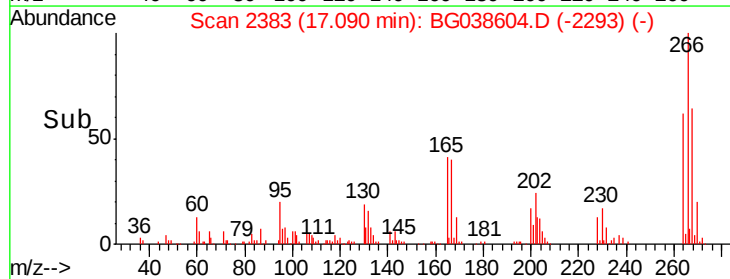
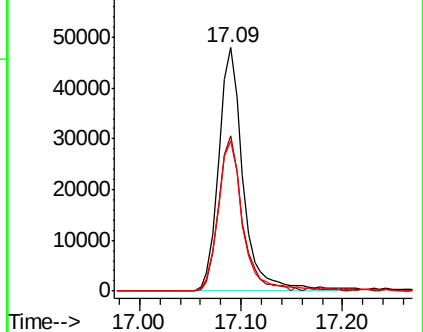
264 66.6 56.7 85.1

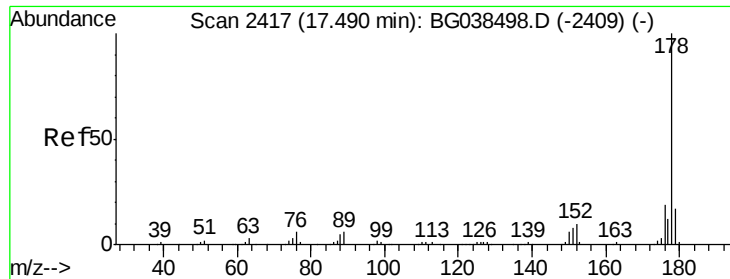


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

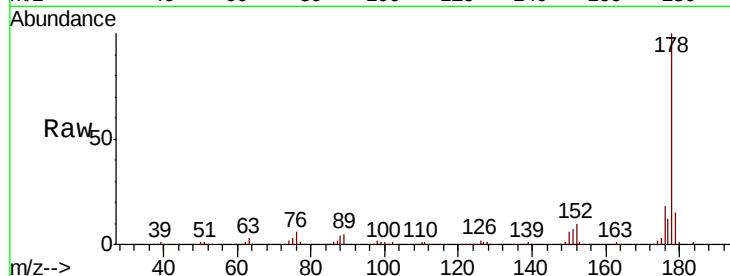




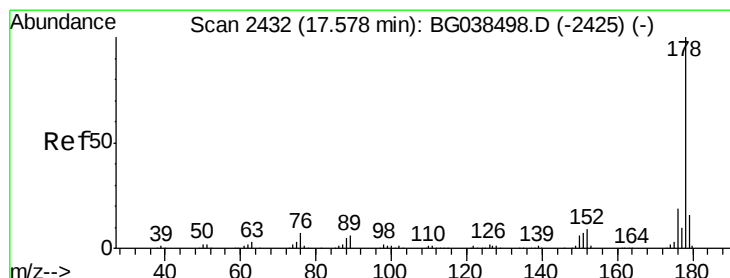
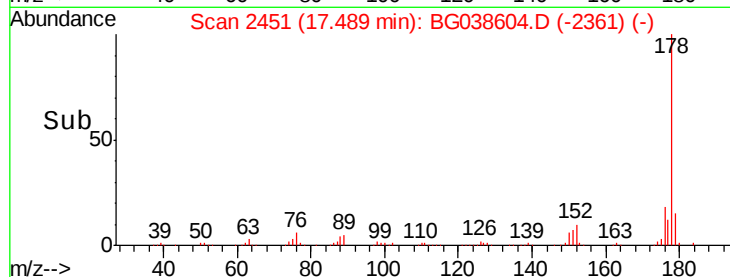
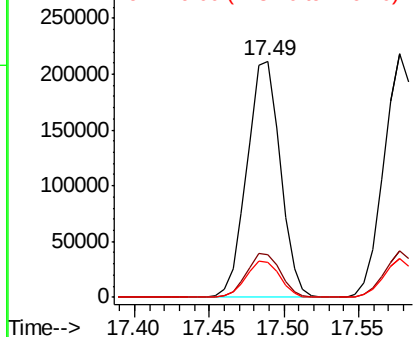
#71
Phenanthrene
Concen: 43.788 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Instrument :
BNA_G
ClientSampleId :
PB115679BS

Tgt Ion:178 Resp: 326147
Ion Ratio Lower Upper
178 100
176 17.8 15.1 22.7
179 14.8 13.2 19.8

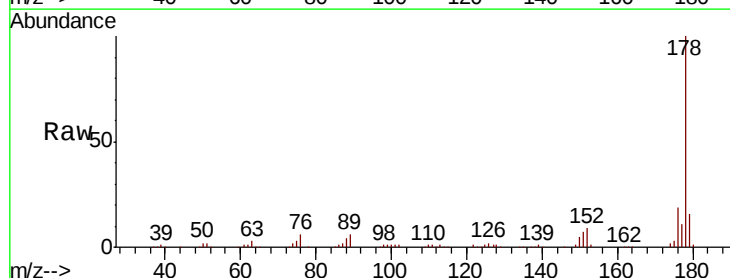


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

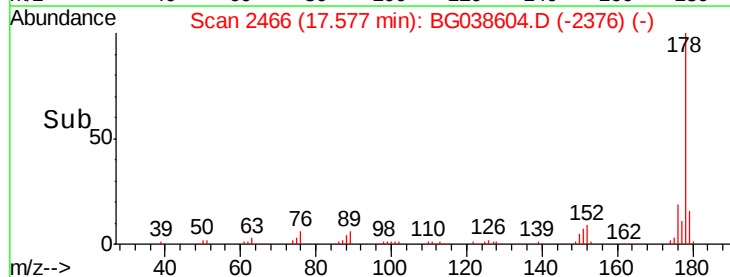
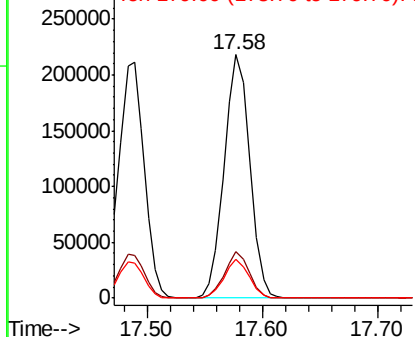


#72
Anthracene
Concen: 45.595 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Tgt Ion:178 Resp: 335259
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 16.2 12.9 19.3



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

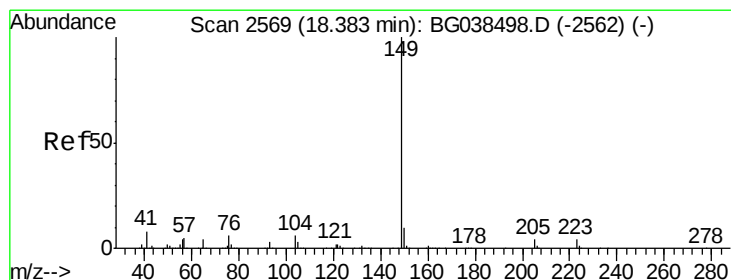
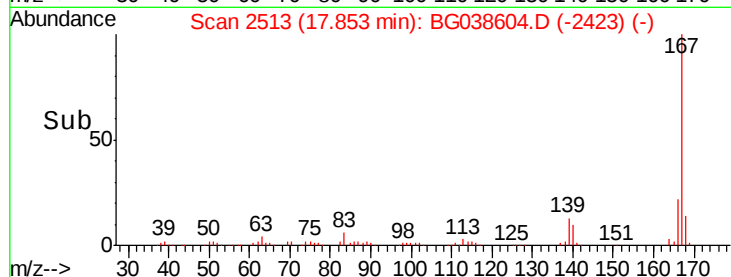
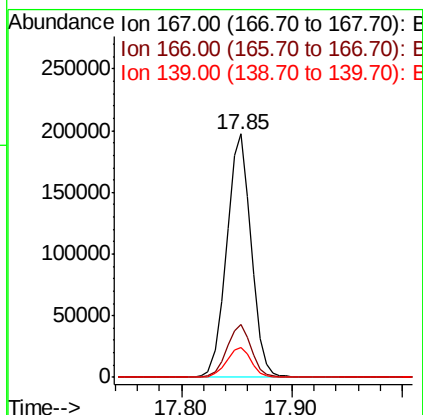
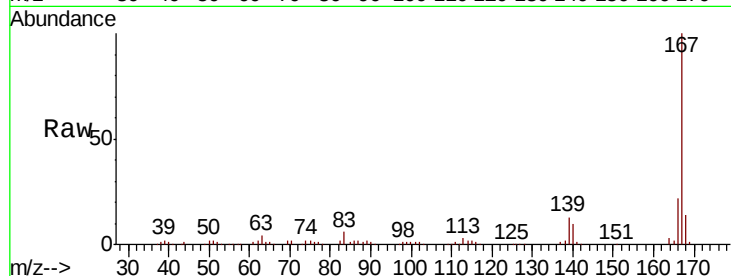




#73
 Carbazole
 Concen: 42.208 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

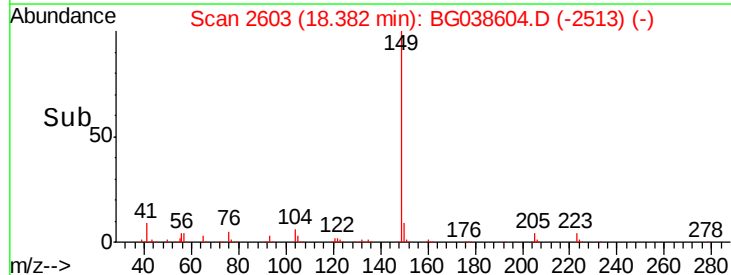
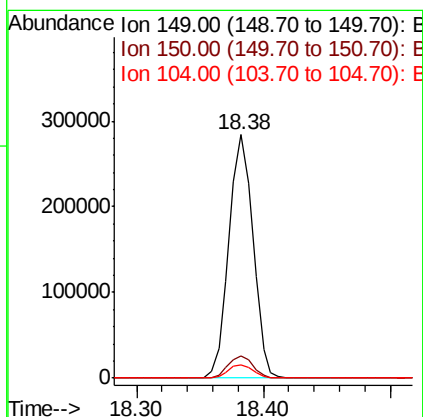
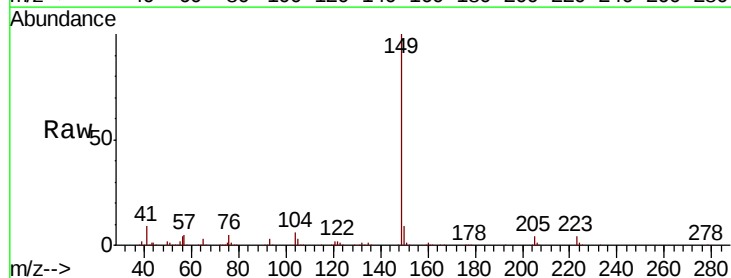
Instrument :
 BNA_G
 ClientSampleId :
 PB115679BS

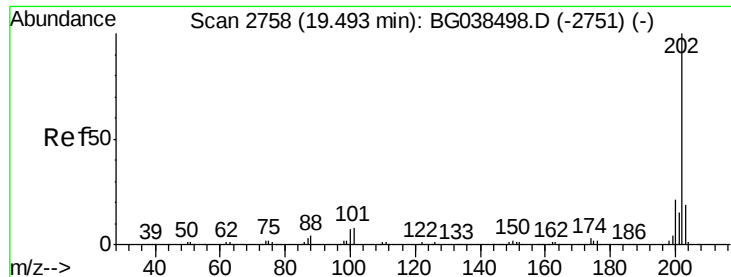
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.9	26.9
139	12.5	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 44.807 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	5.6	5.0	7.4

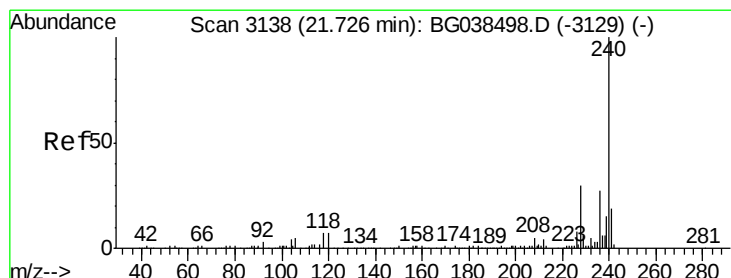
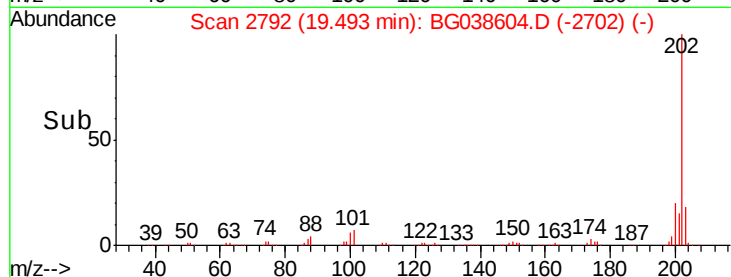
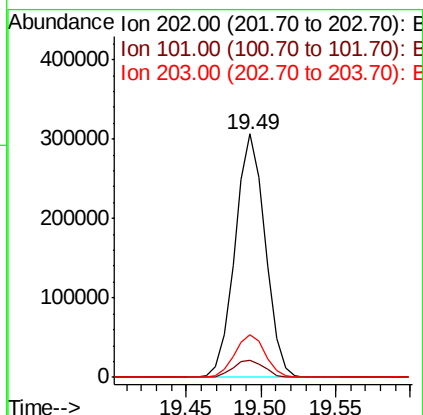
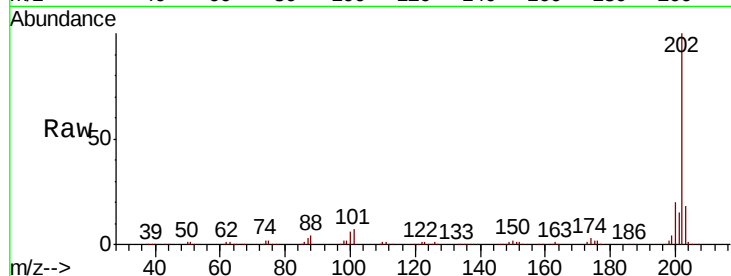




#75
 Fluoranthene
 Concen: 46.860 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

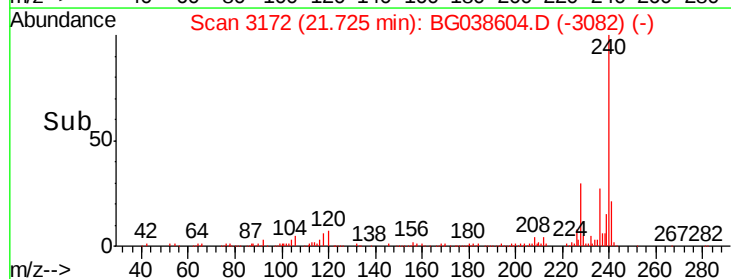
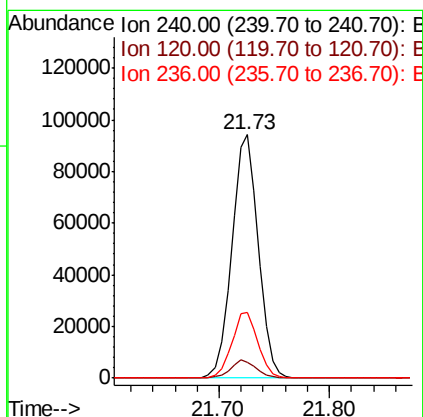
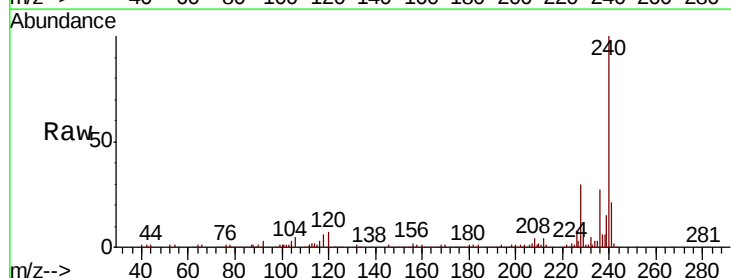
Instrument :
 BNA_G
 ClientSampleId :
 PB115679BS

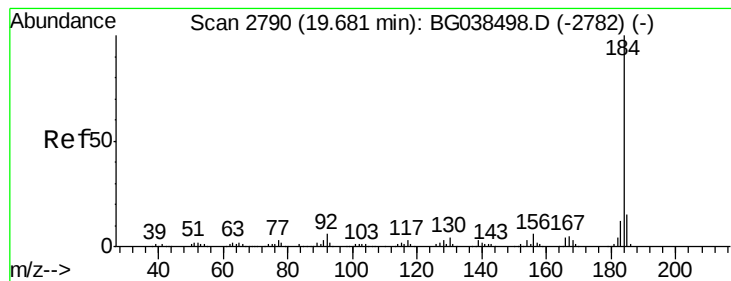
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	28.1
203	17.5	0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038604.D
 Acq: 15 Dec 2018 14:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.3	7.9
236	26.9	21.4	32.2





#77

Benzidine

Concen: 44.579 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115679BS

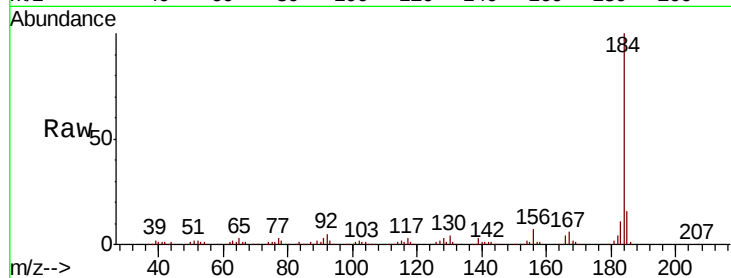
Tgt Ion:184 Resp: 207987

Ion Ratio Lower Upper

184 100

185 16.1 12.2 18.2

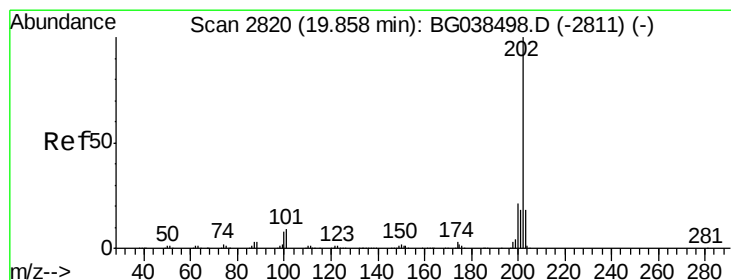
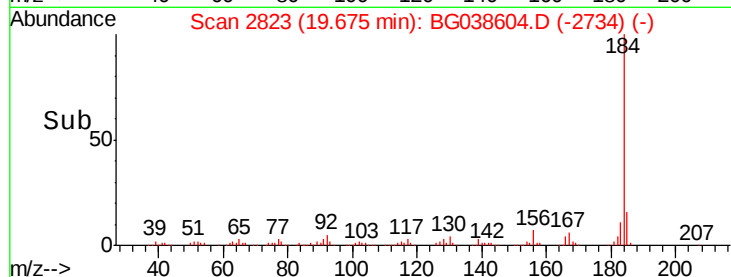
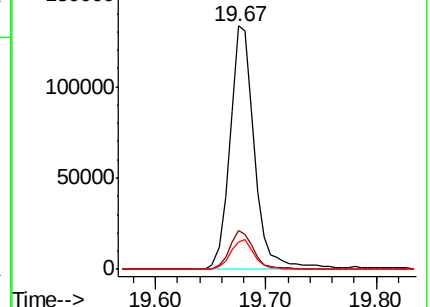
183 11.4 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.941 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

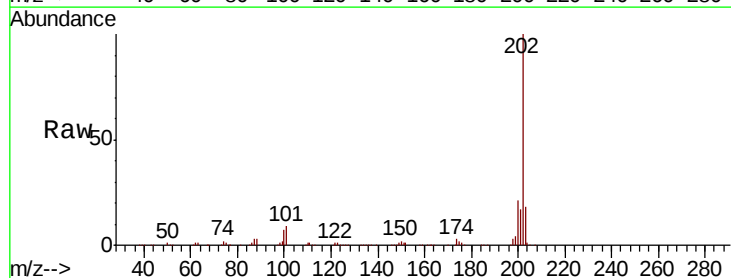
Tgt Ion:202 Resp: 426690

Ion Ratio Lower Upper

202 100

200 21.5 16.6 25.0

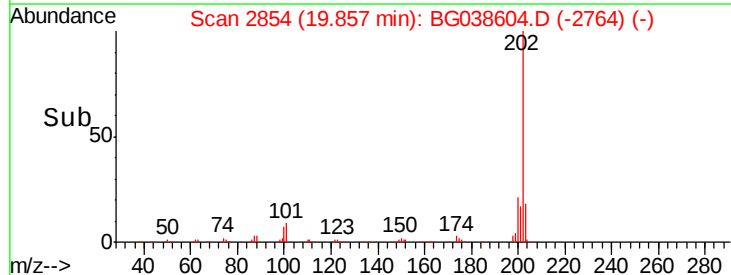
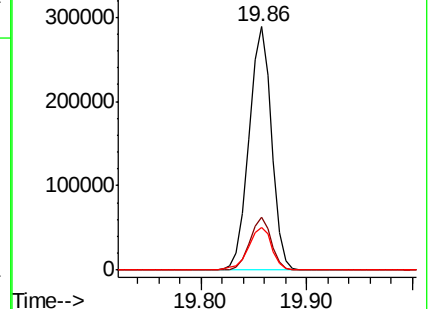
203 17.7 14.6 21.8

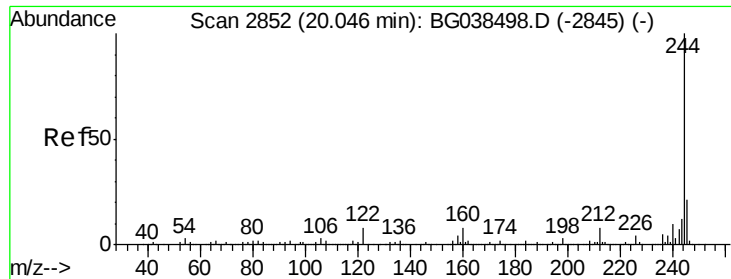


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.361 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115679BS

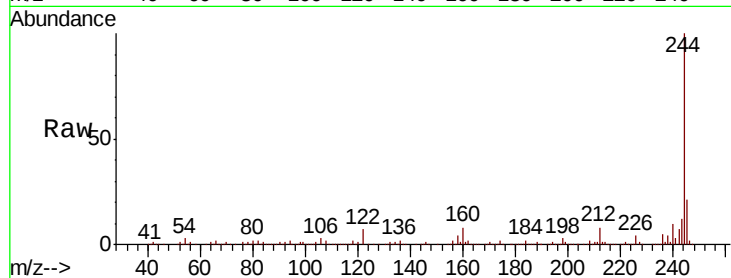
Tgt Ion:244 Resp: 611522

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

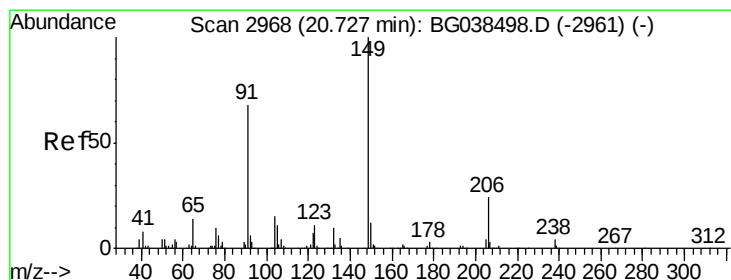
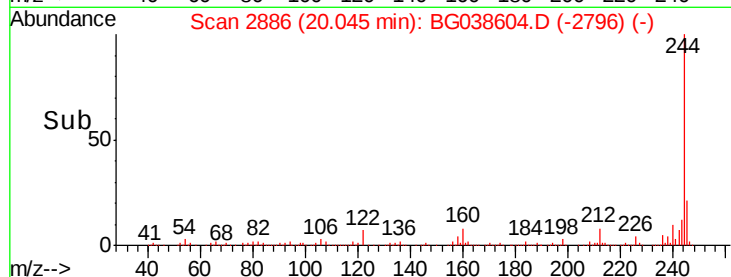
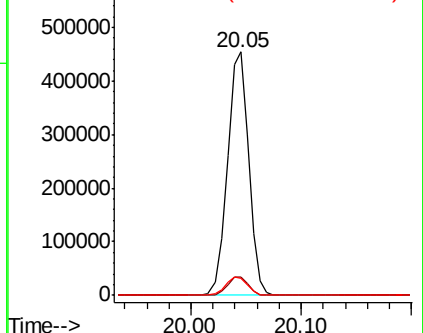
122 6.9 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.992 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

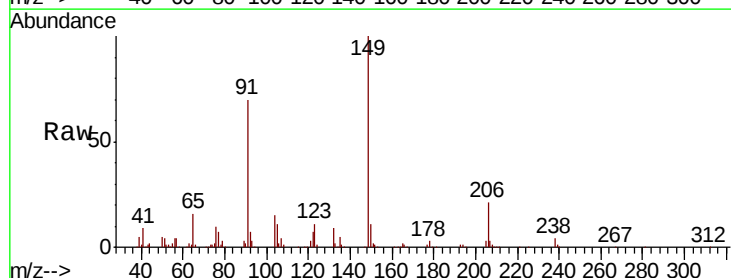
Tgt Ion:149 Resp: 170984

Ion Ratio Lower Upper

149 100

91 69.8 54.5 81.7

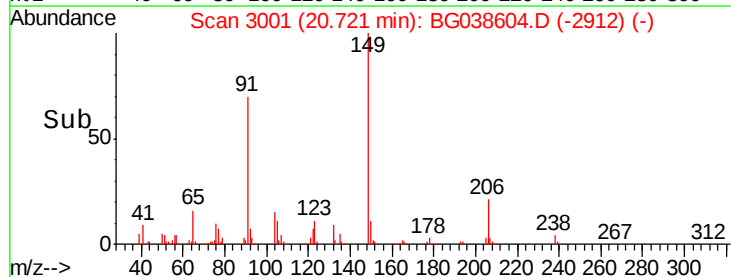
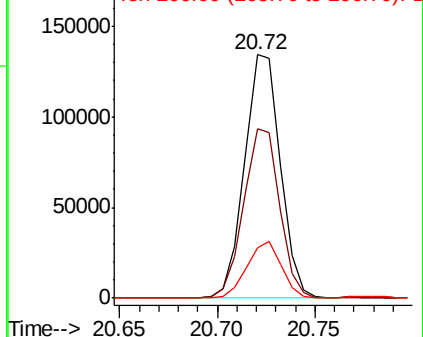
206 20.9 19.0 28.6



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: 44.586 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115679BS

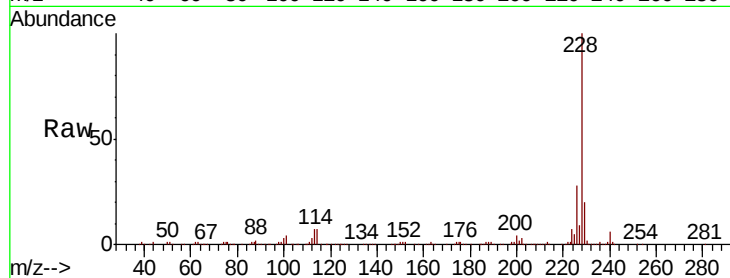
Tgt Ion:228 Resp: 428610

Ion Ratio Lower Upper

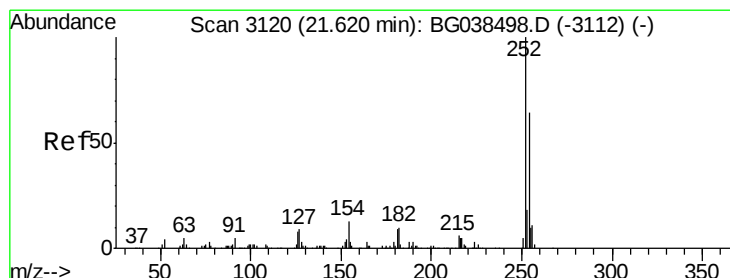
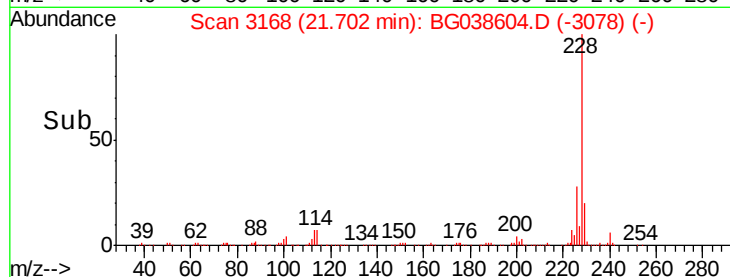
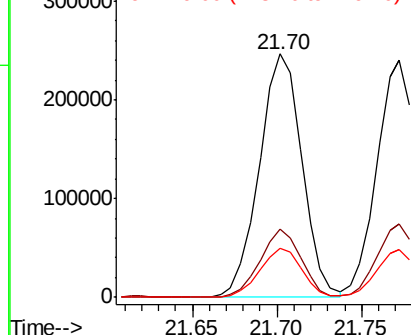
228 100

226 28.1 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: 28.636 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

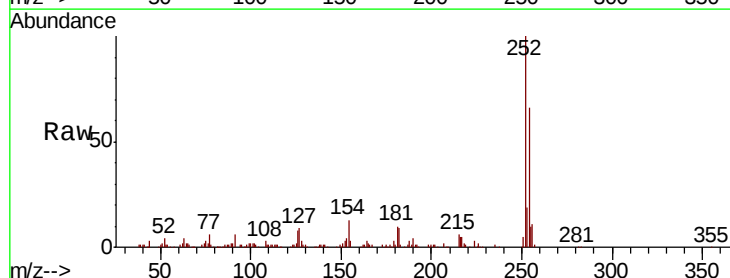
Tgt Ion:252 Resp: 109178

Ion Ratio Lower Upper

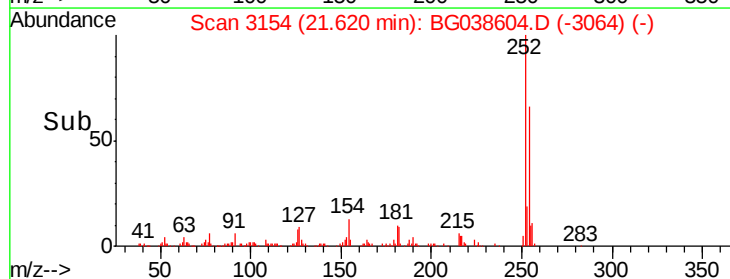
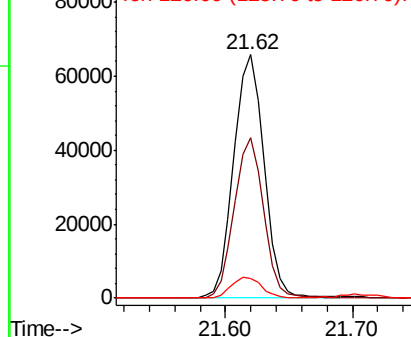
252 100

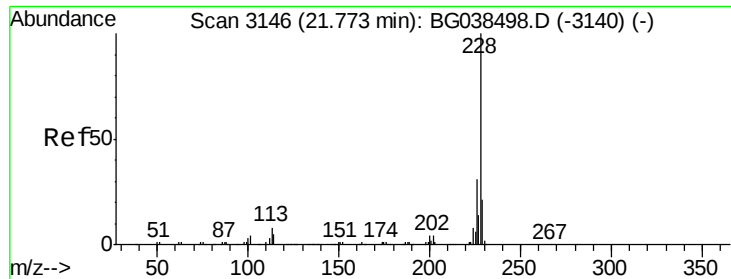
254 65.8 50.9 76.3

126 7.9 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: 42.303 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115679BS

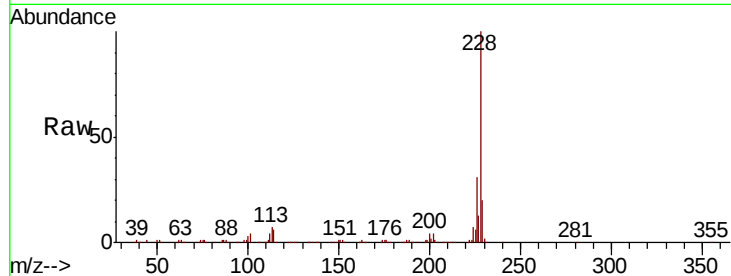
Tgt Ion:228 Resp: 391698

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.4

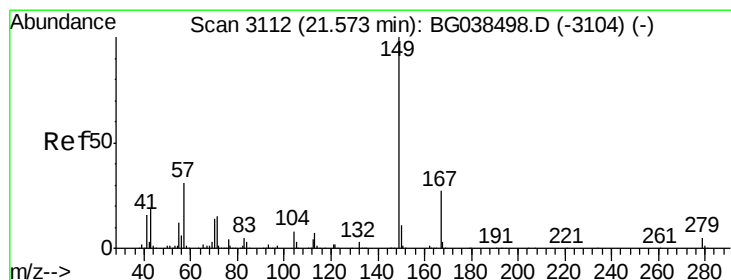
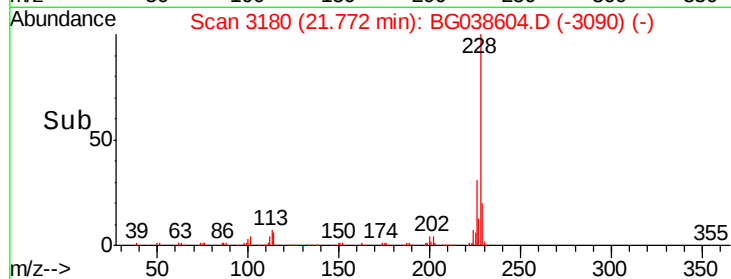
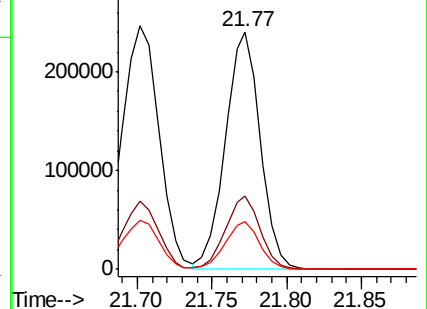
229 20.2 16.5 24.7



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: 42.080 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

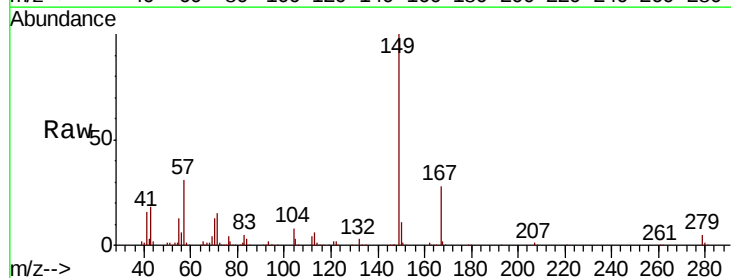
Tgt Ion:149 Resp: 243007

Ion Ratio Lower Upper

149 100

167 28.2 21.9 32.9

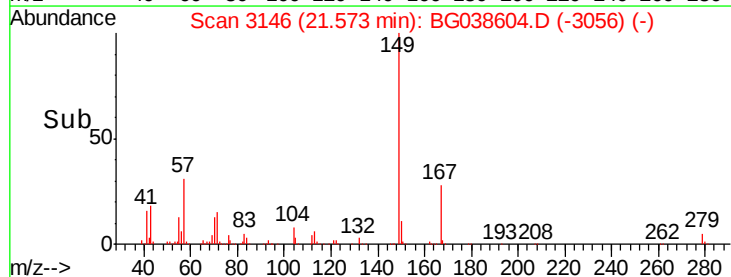
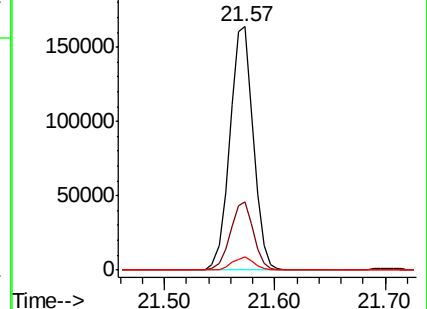
279 5.3 4.2 6.2

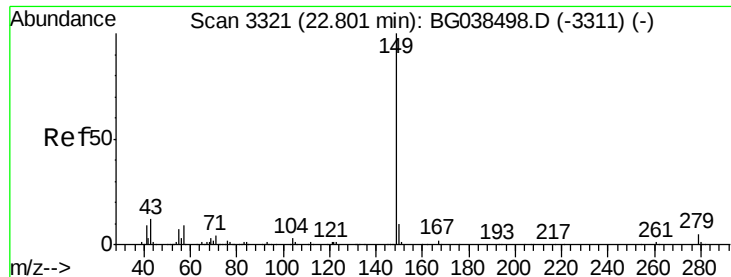


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

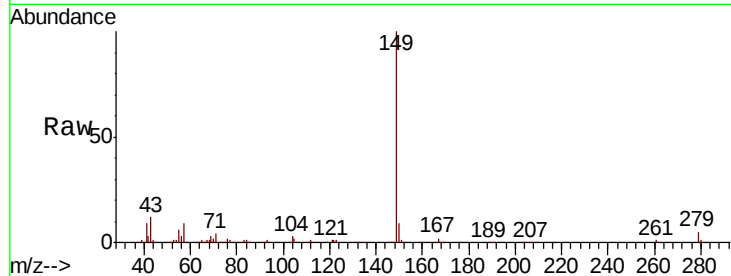




#85
Di-n-octyl phthalate
Concen: 43.133 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Instrument :
BNA_G
ClientSampleId :
PB115679BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.8	9.3	13.9

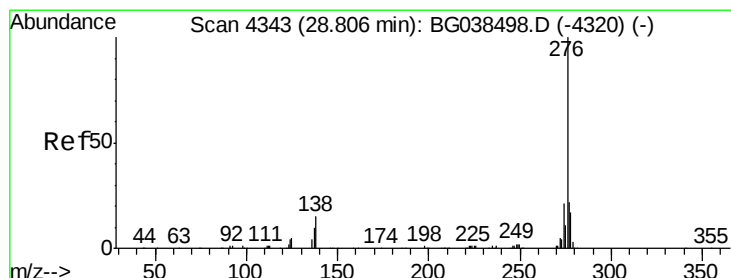
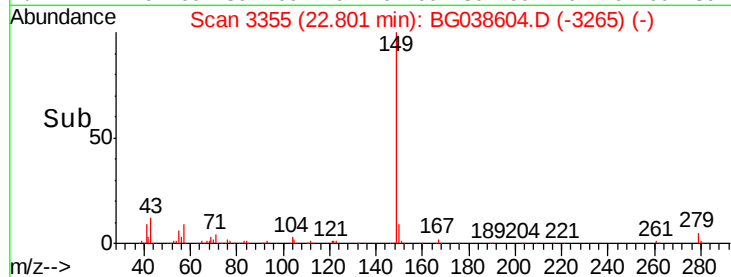
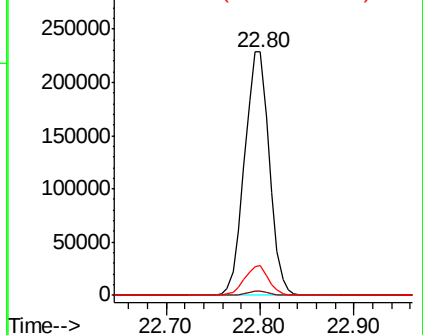


Abundance

Ion 149.00 (148.70 to 149.70): E

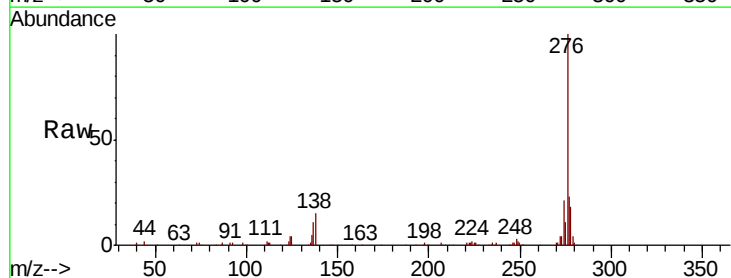
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.619 ng
RT: 28.81 min Scan# 4377
Delta R.T. -0.00 min
Lab File: BG038604.D
Acq: 15 Dec 2018 14:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	14.4	21.6
277	25.5	0.0	0.0#

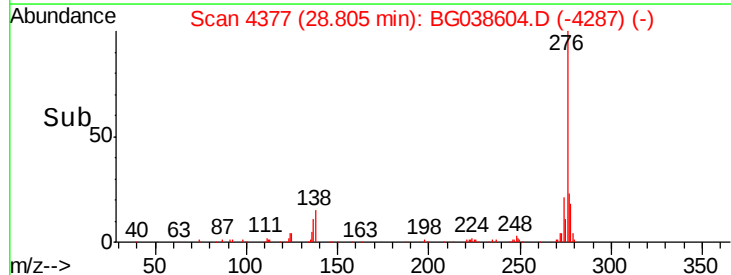
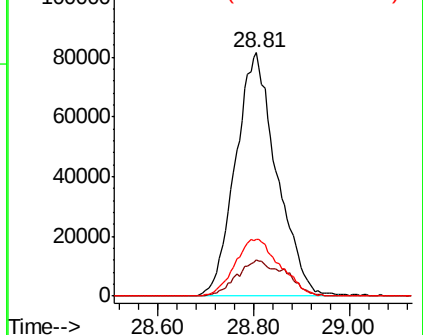


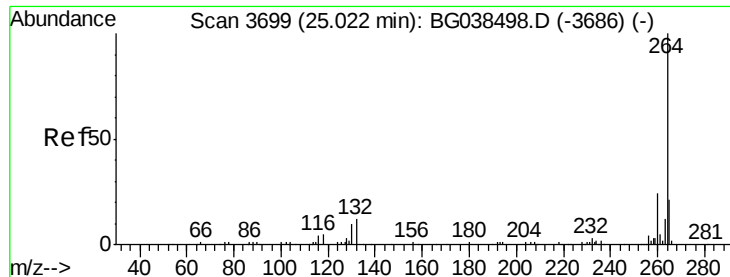
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115679BS

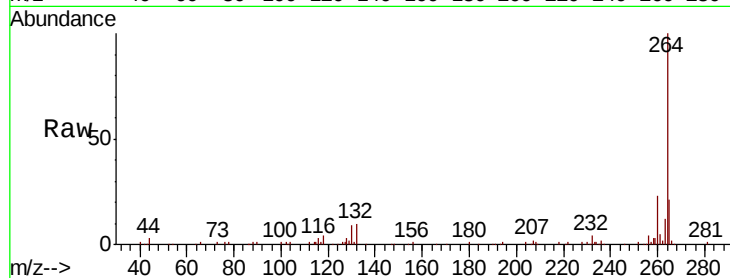
Tgt Ion:264 Resp: 174697

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

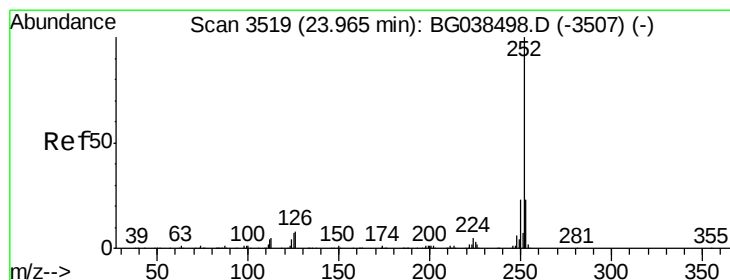
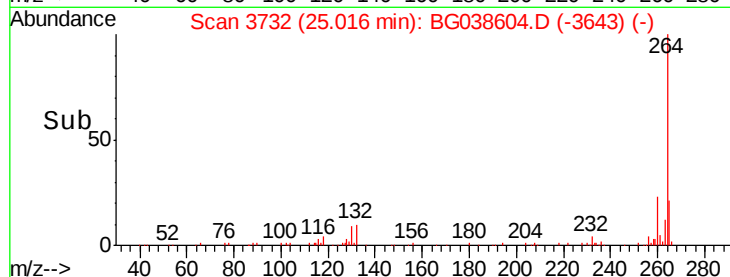
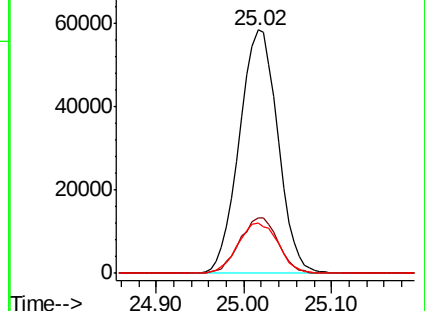
265 20.9 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.847 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

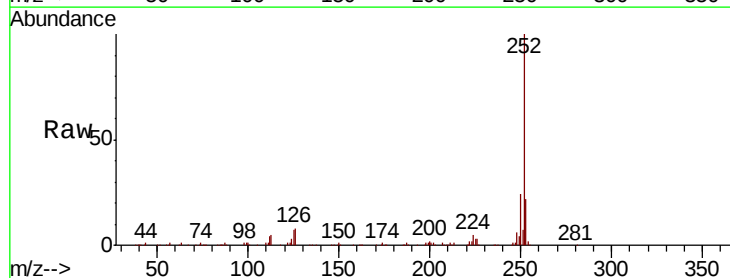
Tgt Ion:252 Resp: 430157

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

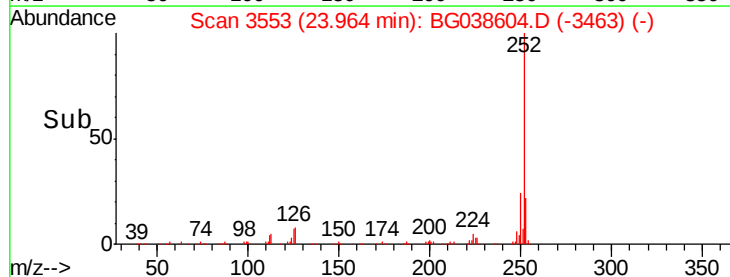
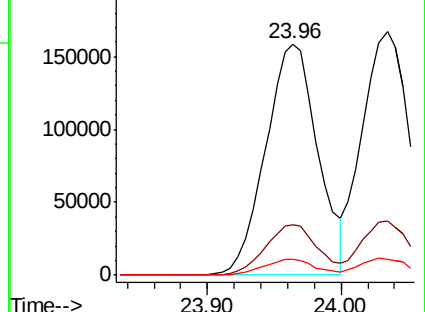
125 6.7 5.5 8.3

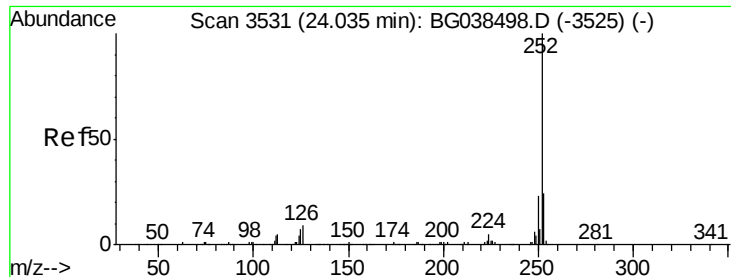


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.986 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115679BS

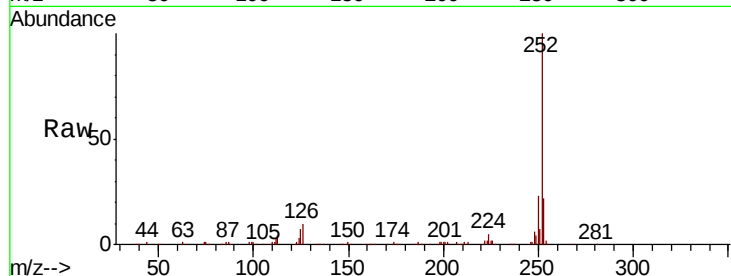
Tgt Ion:252 Resp: 410571

Ion Ratio Lower Upper

252 100

253 22.3 18.9 28.3

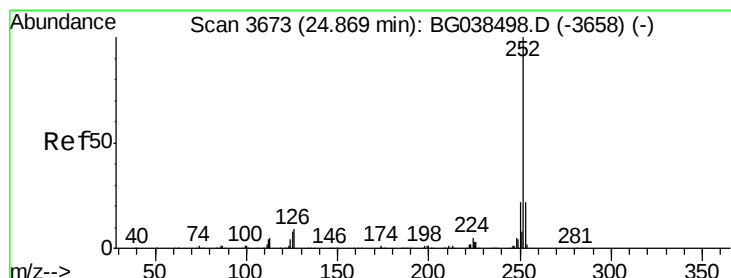
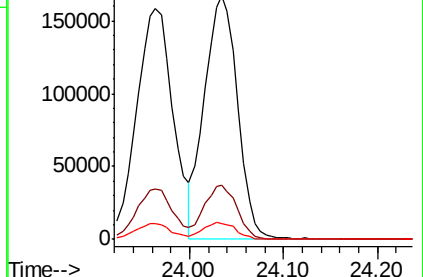
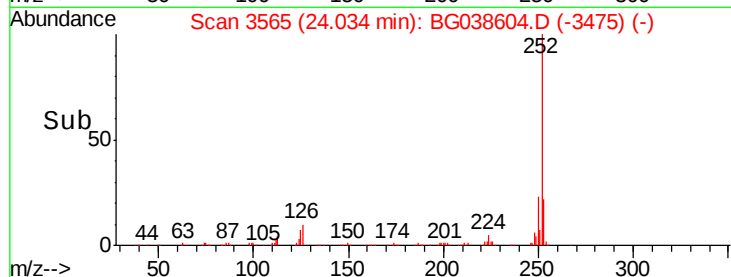
125 6.7 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.531 ng

RT: 24.87 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

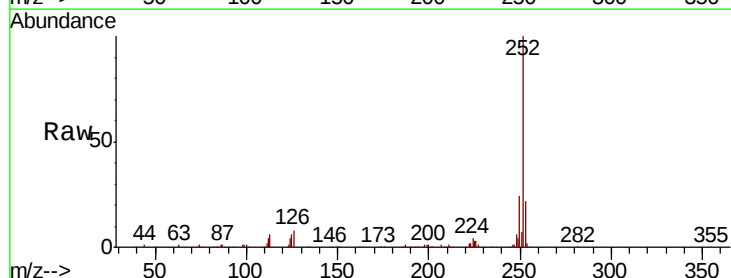
Tgt Ion:252 Resp: 412064

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

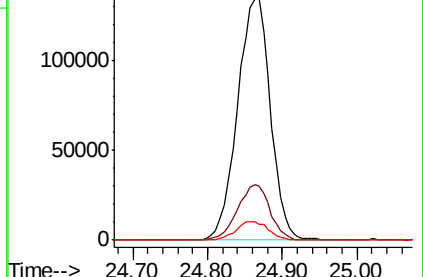
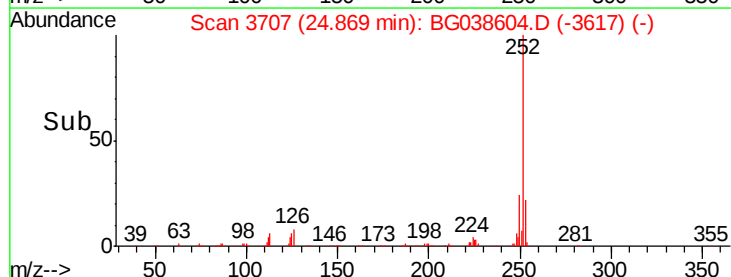
125 6.5 6.4 9.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.957 ng

RT: 28.86 min Scan# 4386

Delta R.T. -0.01 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115679BS

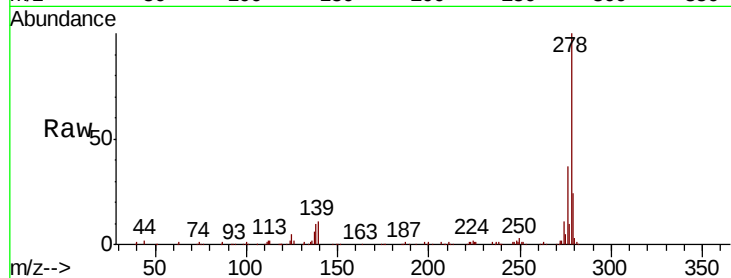
Tgt Ion:278 Resp: 404989

Ion Ratio Lower Upper

278 100

139 10.7 8.6 12.8

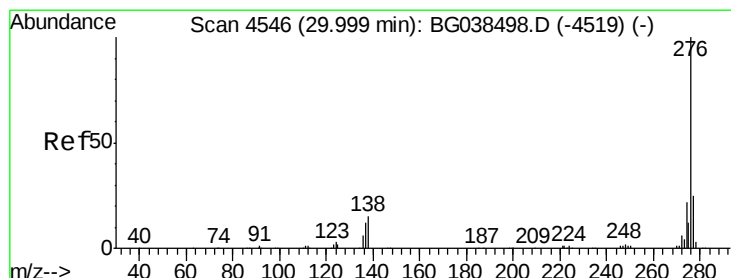
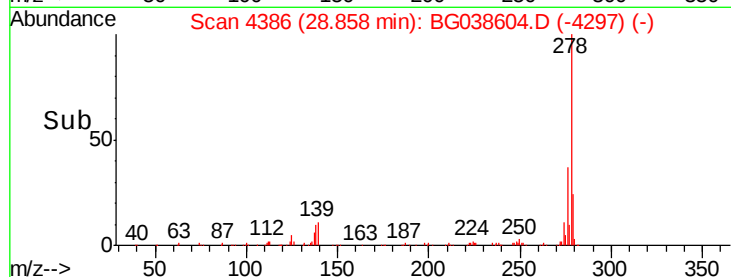
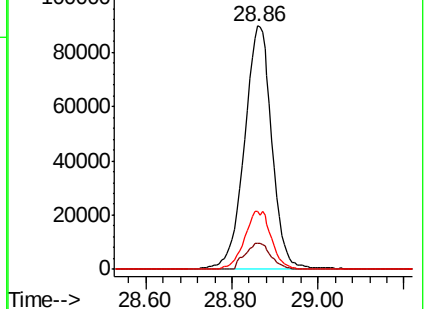
279 23.6 19.0 28.6



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: 44.363 ng

RT: 29.99 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BG038604.D

Acq: 15 Dec 2018 14:51

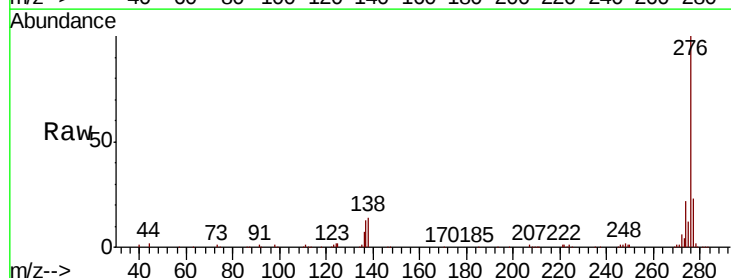
Tgt Ion:276 Resp: 402807

Ion Ratio Lower Upper

276 100

277 22.8 19.8 29.8

138 14.2 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

