

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\
 Data File : BG038791.D
 Acq On : 21 Dec 2018 18:09
 Operator : JU/SJ
 Sample : PB115909BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BSD

Quant Time: Dec 22 01:12:54 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	22194	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	90509	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	65323	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	171849	20.00	ng	0.00
76) Chrysene-d12	21.73	240	173722	20.00	ng	0.00
87) Perylene-d12	25.03	264	181040	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	145974	116.66	ng	0.00
7) Phenol-d6	7.22	99	196514	114.40	ng	0.01
23) Nitrobenzene-d5	9.23	82	102266	57.72	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	116851	129.80	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	277969	58.38	ng	0.00
79) Terphenyl-d14	20.04	244	612391	76.72	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.49	88	22135	38.008 ng	98
3) Pyridine	3.89	79	48070	29.980 ng	96
4) n-Nitrosodimethylamine	3.82	42	30593	38.940 ng	# 92
6) Aniline	7.38	93	62862	28.666 ng	99
8) 2-Chlorophenol	7.62	128	61224	42.280 ng	98
9) Benzaldehyde	7.20	77	18117	16.258 ng	92
10) Phenol	7.24	94	78466	42.995 ng	97
11) bis(2-Chloroethyl)ether	7.48	93	50290	34.611 ng	97
12) 1,3-Dichlorobenzene	7.94	146	64322	37.568 ng	98
13) 1,4-Dichlorobenzene	8.09	146	67184	38.313 ng	94
14) 1,2-Dichlorobenzene	8.41	146	63219	38.242 ng	96
15) Benzyl Alcohol	8.30	79	54512	40.656 ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	105550	31.712 ng	96
17) 2-Methylphenol	8.50	107	52982	43.331 ng	98
18) Hexachloroethane	9.13	117	22185	34.623 ng	90
19) n-Nitroso-di-n-propylamine	8.86	70	40901	33.901 ng	98
20) 3+4-Methylphenols	8.83	107	72379	42.862 ng	98
22) Acetophenone	8.89	105	88490	39.142 ng	# 96
24) Nitrobenzene	9.28	77	65774	36.699 ng	98
25) Isophorone	9.79	82	119159	37.434 ng	99
26) 2-Nitrophenol	9.99	139	35959	39.200 ng	93
27) 2,4-Dimethylphenol	10.03	122	63786	48.519 ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	66820	37.197 ng	99
29) 2,4-Dichlorophenol	10.52	162	69260	47.356 ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	72559	41.072 ng	96
31) Naphthalene	10.93	128	188760	42.328 ng	99
32) Benzoic acid	10.19	122	30858	39.293 ng	85
33) 4-Chloroaniline	11.04	127	50878	26.279 ng	98
34) Hexachlorobutadiene	11.19	225	47963	40.124 ng	97
35) Caprolactam	11.83	113	23557	38.920 ng	91
36) 4-Chloro-3-methylphenol	12.15	107	72816	43.628 ng	91
37) 2-Methylnaphthalene	12.53	142	143932	45.241 ng	98
38) 1-Methylnaphthalene	12.75	142	138274	44.790 ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	91231	37.363 ng	99

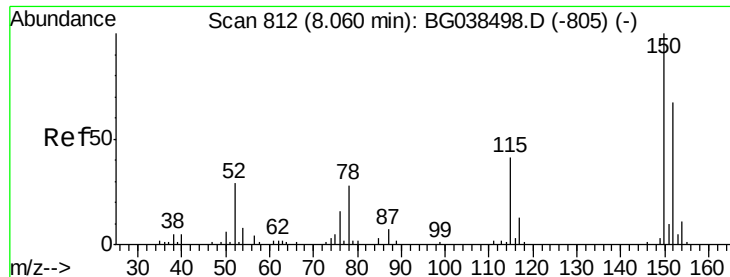
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\
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Quant Time: Dec 22 01:12:54 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	100676	75.048	ng	96
43) 2,4,6-Trichlorophenol	13.13	196	65467	43.606	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	71052	44.699	ng	99
46) 1,1'-Biphenyl	13.53	154	195187	35.643	ng	98
47) 2-Chloronaphthalene	13.58	162	162888	38.507	ng	98
48) 2-Nitroaniline	13.79	65	51732	38.395	ng	92
49) Acenaphthylene	14.42	152	265407	41.970	ng	99
50) Dimethylphthalate	14.15	163	211150	39.582	ng	100
51) 2,6-Dinitrotoluene	14.28	165	48521	40.137	ng	91
52) Acenaphthene	14.76	154	151472	40.057	ng	96
53) 3-Nitroaniline	14.62	138	39535	32.082	ng	# 92
54) 2,4-Dinitrophenol	14.82	184	48627	68.407	ng	95
55) Dibenzofuran	15.09	168	262738	40.534	ng	96
56) 4-Nitrophenol	14.92	139	73892	79.040	ng	98
57) 2,4-Dinitrotoluene	15.07	165	71426	41.949	ng	92
58) Fluorene	15.74	166	216492	45.081	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	68405	47.831	ng	97
60) Diethylphthalate	15.50	149	219742	37.524	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	122937	41.029	ng	97
62) 4-Nitroaniline	15.78	138	52241	41.177	ng	94
63) Azobenzene	16.02	77	184865	37.788	ng	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	42800	34.914	ng	93
66) n-Nitrosodiphenylamine	15.95	169	199006	39.413	ng	98
67) 4-Bromophenyl-phenylether	16.63	248	84801	40.405	ng	96
68) Hexachlorobenzene	16.74	284	88887	40.856	ng	94
69) Atrazine	16.89	200	81094	43.277	ng	98
70) Pentachlorophenol	17.09	266	90244	70.128	ng	97
71) Phenanthrene	17.49	178	375850	42.176	ng	99
72) Anthracene	17.58	178	384935	43.755	ng	99
73) Carbazole	17.85	167	337777	38.822	ng	98
74) Di-n-butylphthalate	18.38	149	386058	38.670	ng	99
75) Fluoranthene	19.49	202	462003	41.901	ng	97
77) Benzidine	19.68	184	204884	39.879	ng	99
78) Pyrene	19.86	202	463416	40.379	ng	99
80) Butylbenzylphthalate	20.73	149	172030	38.367	ng	97
81) Benzo(a)anthracene	21.71	228	452687	42.764	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	131207	31.252	ng	98
83) Chrysene	21.78	228	422509	41.438	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	238677	37.533	ng	97
85) Di-n-octyl phthalate	22.80	149	407417	38.255	ng	99
86) Indeno(1,2,3-cd)pyrene	28.82	276	500215	41.729	ng	# 76
88) Benzo(b)fluoranthene	23.98	252	443827	44.651	ng	98
89) Benzo(k)fluoranthene	24.04	252	433691	43.816	ng	98
90) Benzo(a)pyrene	24.87	252	436390	45.508	ng	# 97
91) Dibenzo(a,h)anthracene	28.88	278	415262	43.493	ng	98
92) Benzo(g,h,i)perylene	30.02	276	407301	43.286	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

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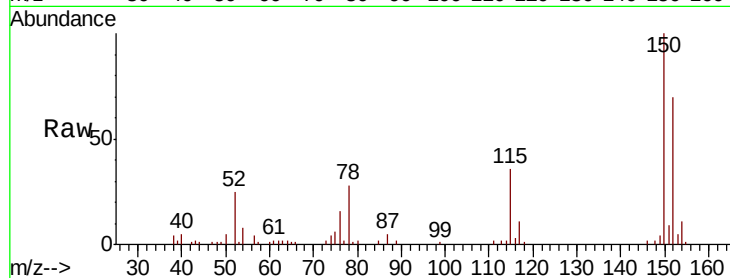
Tgt Ion:152 Resp: 22194

Ion Ratio Lower Upper

152 100

150 143.8 119.5 179.3

115 51.5 49.6 74.4

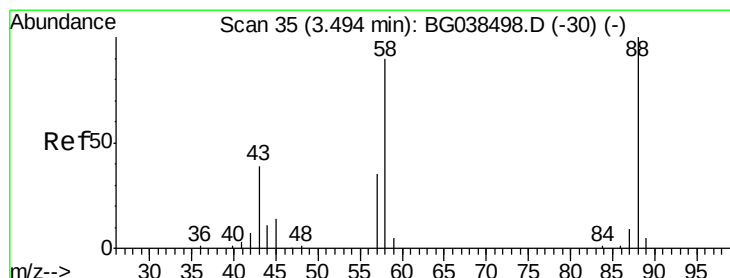
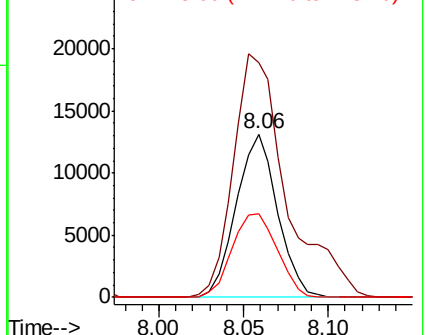
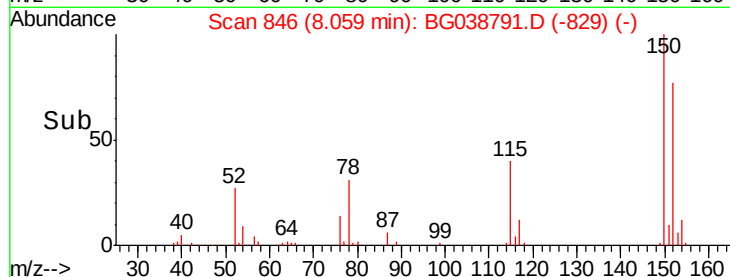


Abundance

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: 38.008 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.01 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

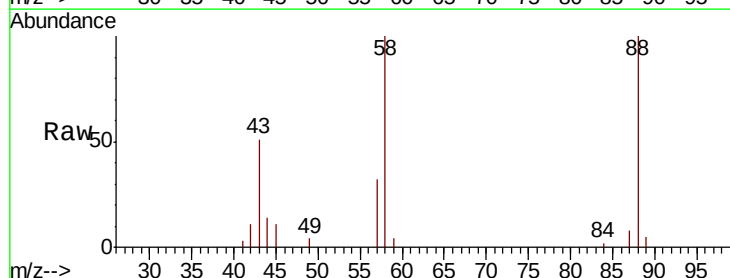
Tgt Ion: 88 Resp: 22135

Ion Ratio Lower Upper

88 100

58 96.1 75.7 113.5

43 42.5 31.6 47.4

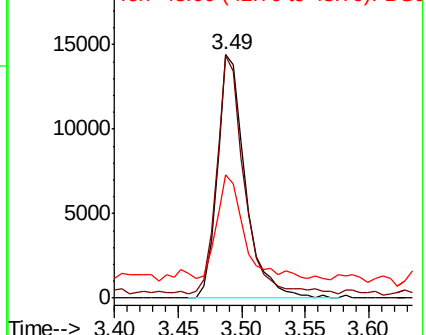
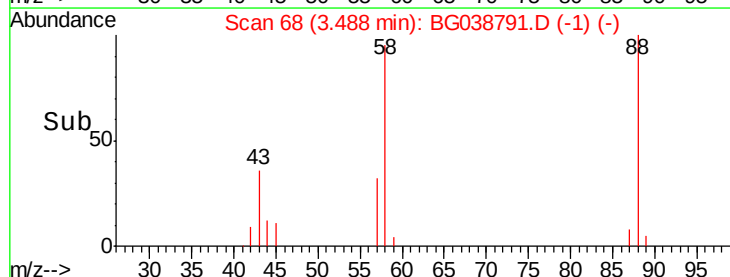


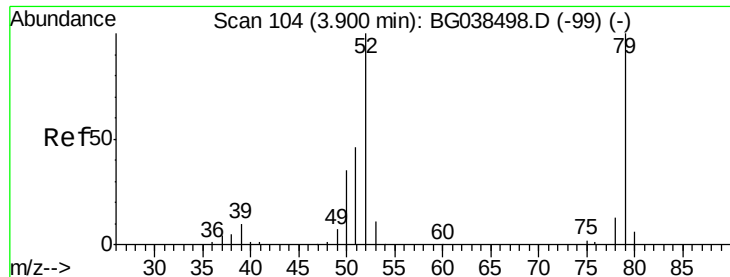
Abundance

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: 29.980 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB115909BSD

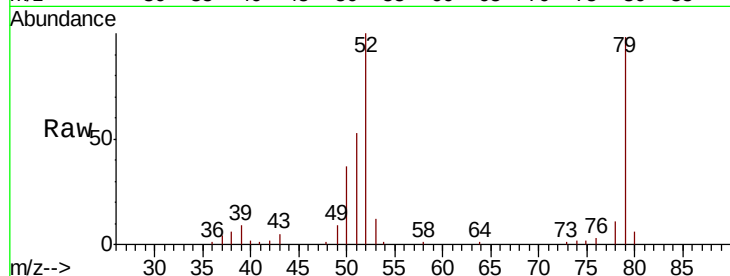
Tgt Ion: 79 Resp: 48070

Ion Ratio Lower Upper

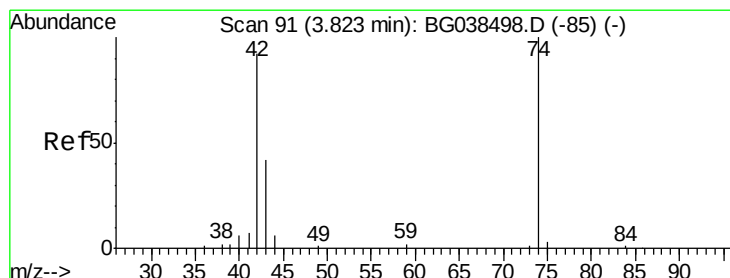
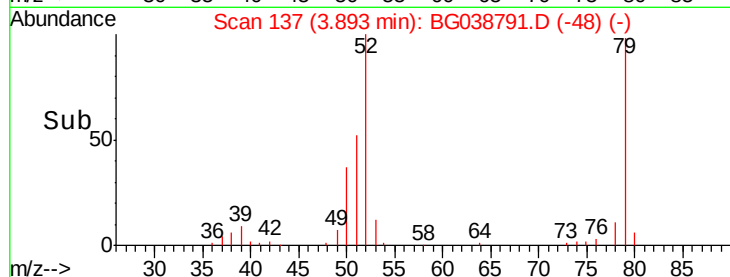
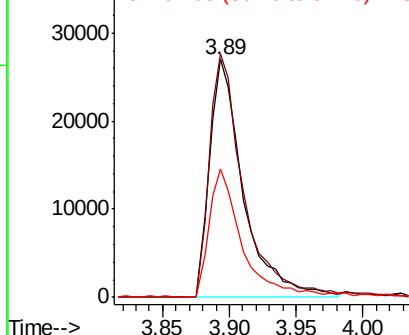
79 100

52 102.1 80.2 120.2

51 53.9 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: 38.940 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

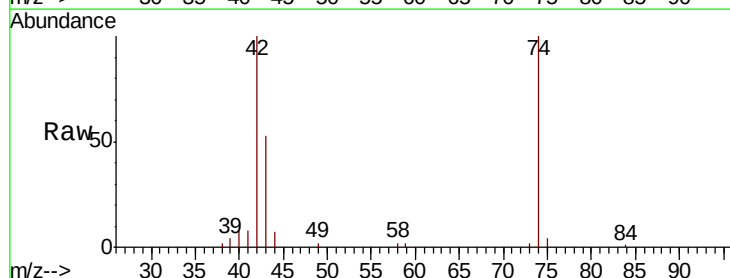
Tgt Ion: 42 Resp: 30593

Ion Ratio Lower Upper

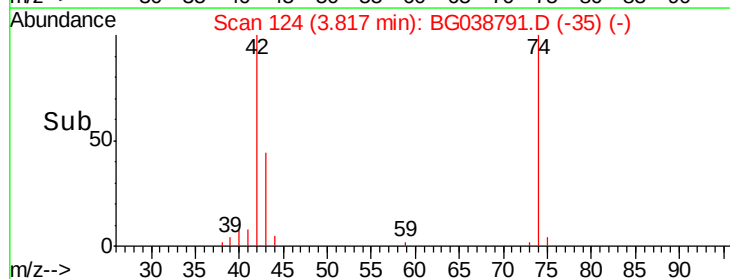
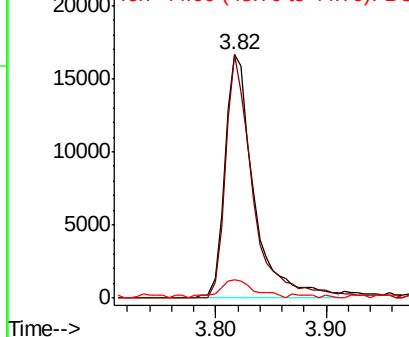
42 100

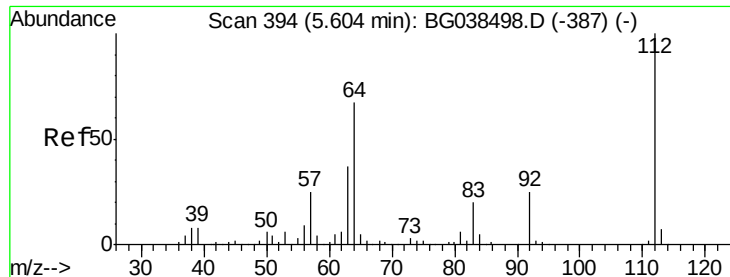
74 99.8 86.7 130.1

44 7.5 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: 116.656 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

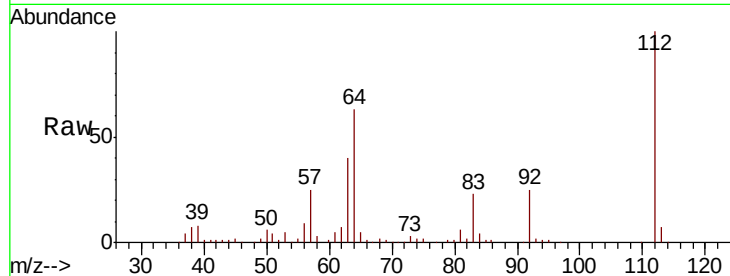
Instrument :

BNA_G

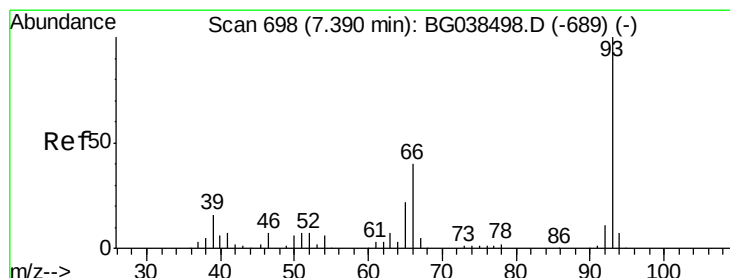
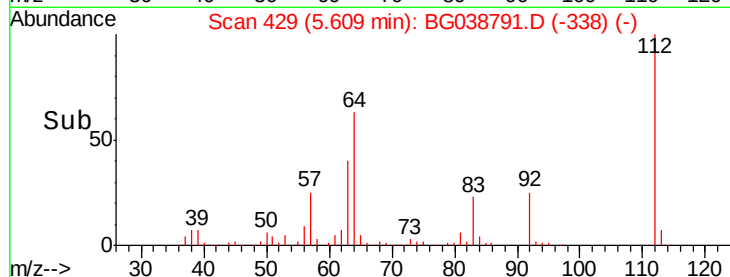
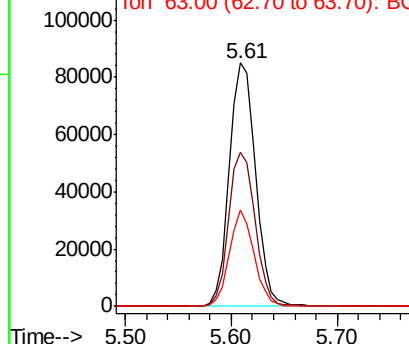
ClientSampleId :

PB115909BSD

Tgt Ion:	112	Resp:	145974
Ion	Ratio	Lower	Upper
112	100		
64	63.0	53.4	80.2
63	39.7	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: 28.666 ng

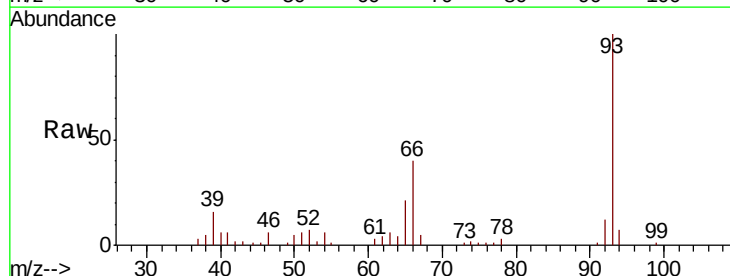
RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

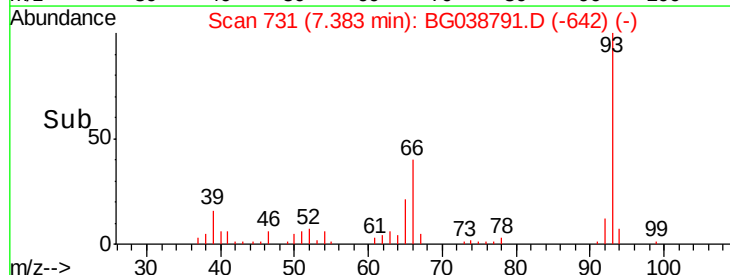
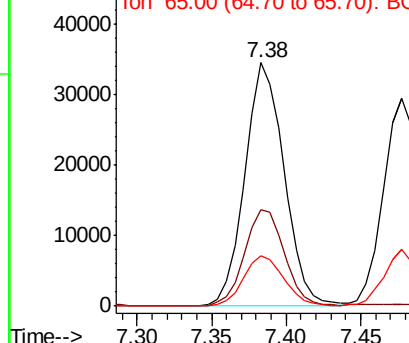
Lab File: BG038791.D

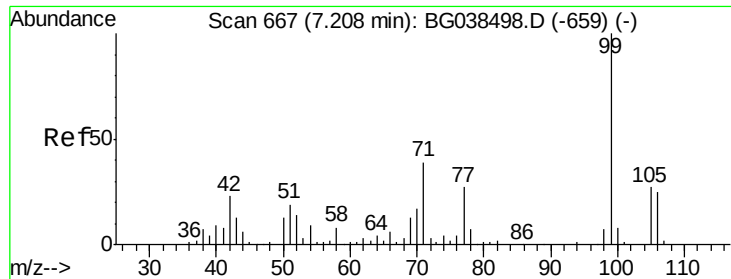
Acq: 21 Dec 2018 18:09

Tgt Ion:	93	Resp:	62862
Ion	Ratio	Lower	Upper
93	100		
66	39.6	31.7	47.5
65	20.7	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: 114.398 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB115909BSD

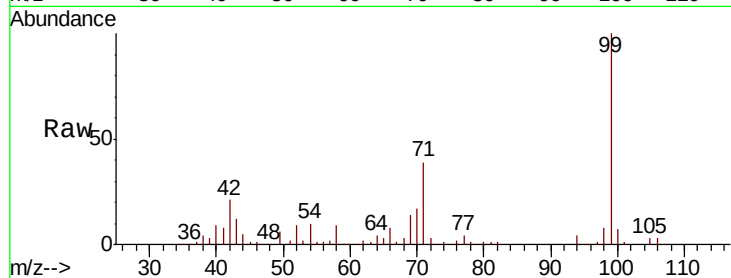
Tgt Ion: 99 Resp: 196514

Ion Ratio Lower Upper

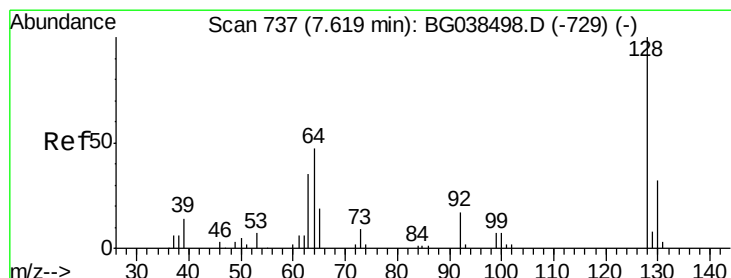
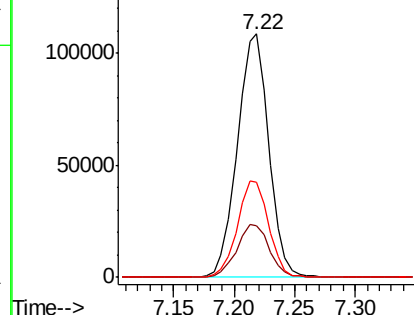
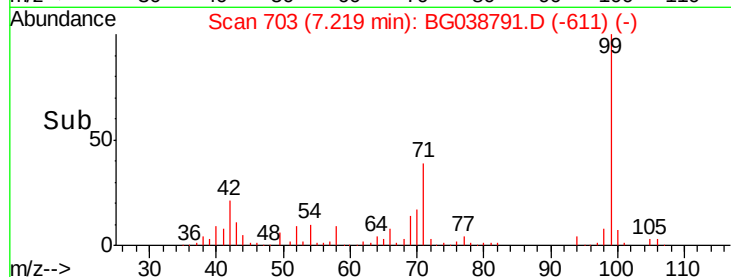
99 100

42 21.3 18.5 27.7

71 39.2 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: 42.280 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

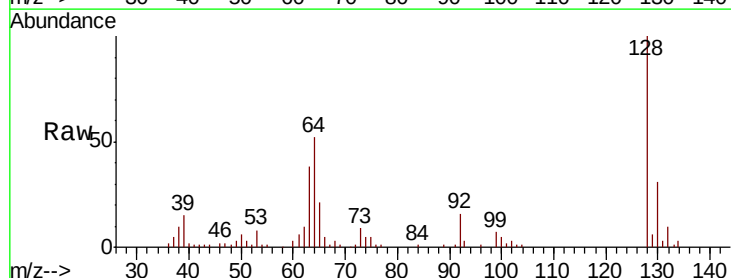
Tgt Ion: 128 Resp: 61224

Ion Ratio Lower Upper

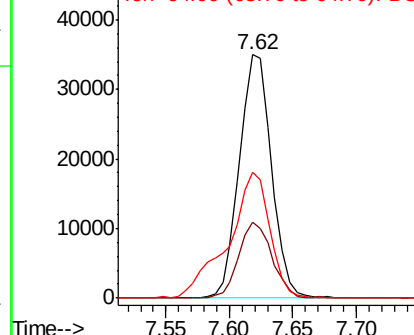
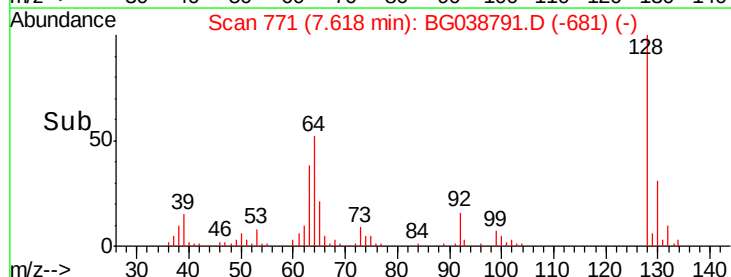
128 100

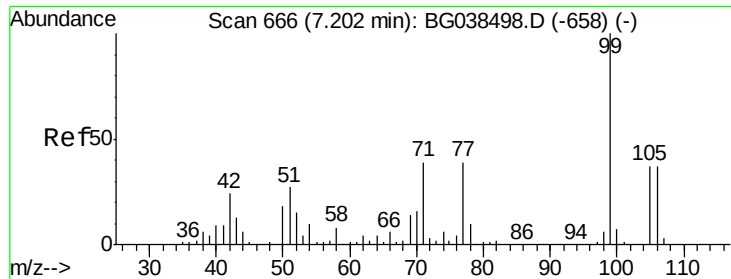
130 31.3 11.8 51.8

64 51.6 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

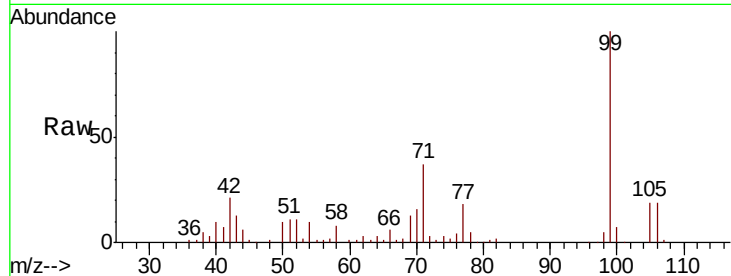




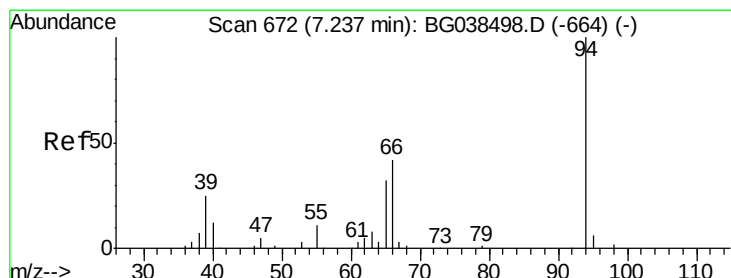
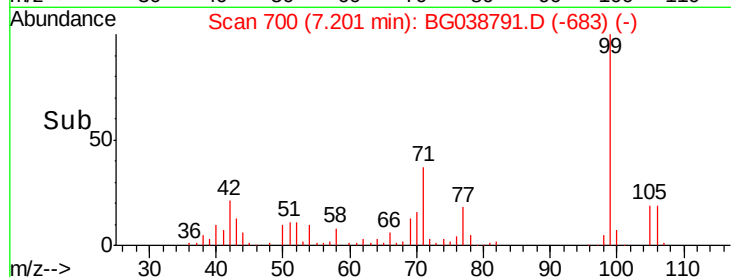
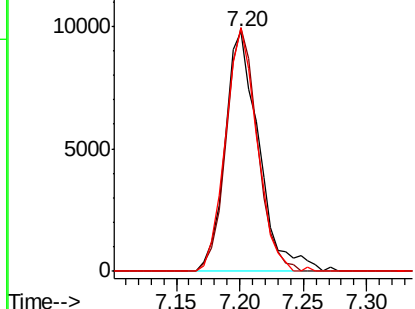
#9
Benzaldehyde
Concen: 16.258 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Instrument :
BNA_G
ClientSampleId :
PB115909BSD

Tgt Ion: 77 Resp: 18117
Ion Ratio Lower Upper
77 100
105 101.7 74.0 114.0
106 101.5 73.9 113.9

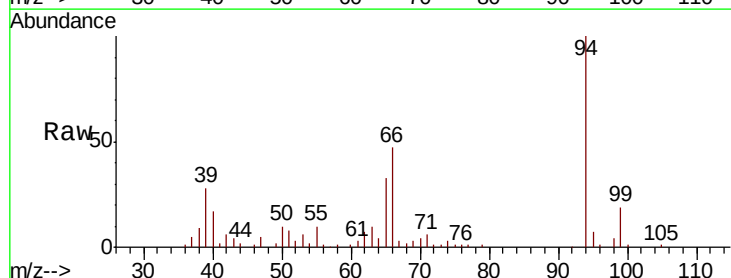


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

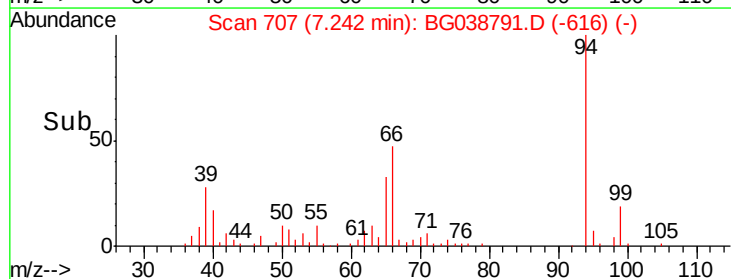
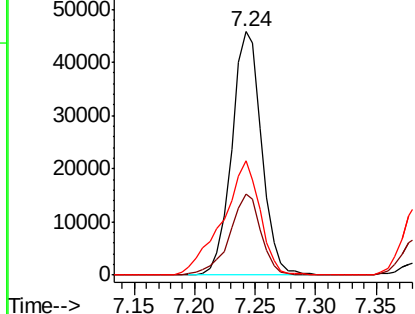


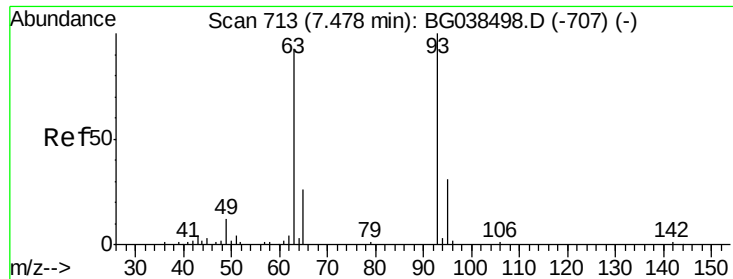
#10
Phenol
Concen: 42.995 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.01 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Tgt Ion: 94 Resp: 78466
Ion Ratio Lower Upper
94 100
65 33.2 12.6 52.6
66 46.7 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

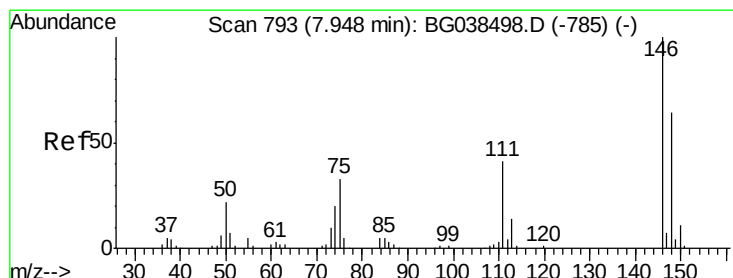
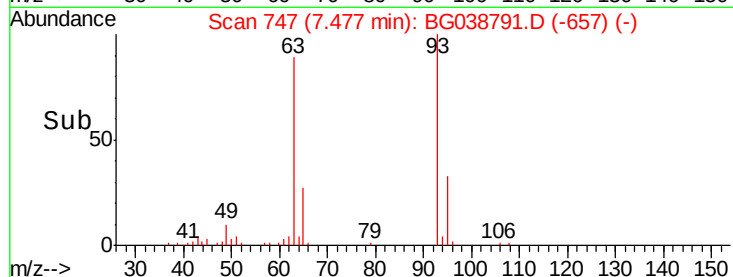
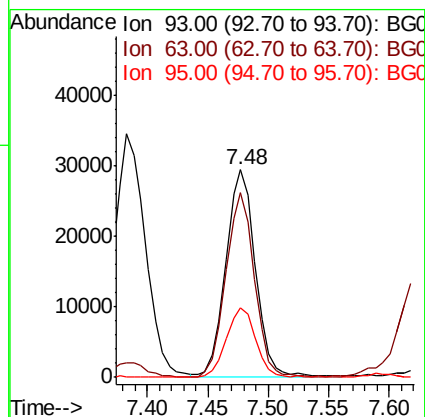
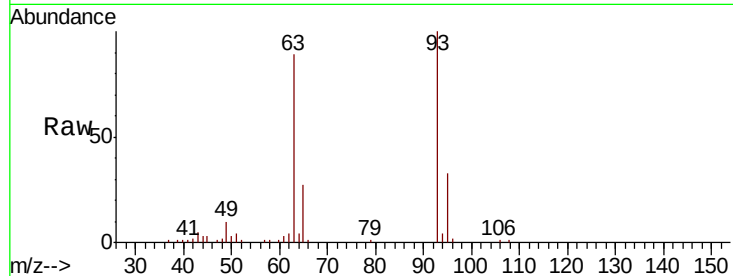




#11
 bis(2-Chloroethyl)ether
 Concen: 34.611 ng
 RT: 7.48 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

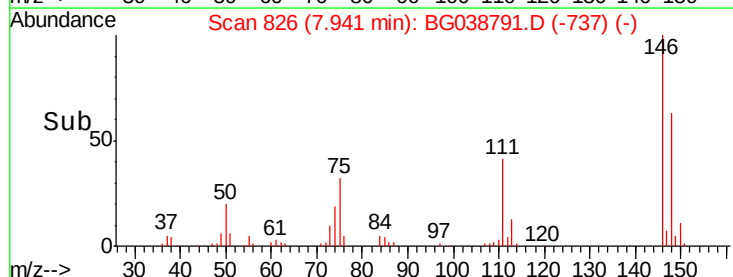
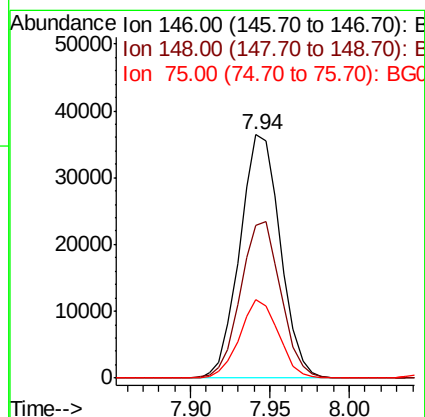
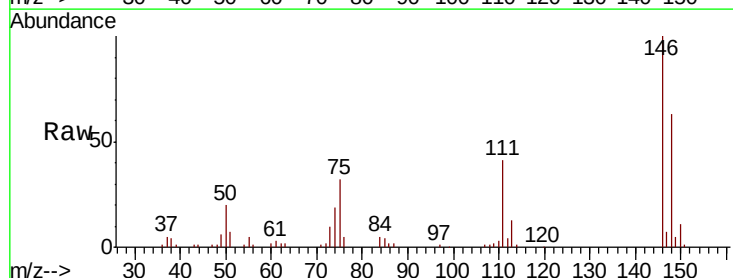
Instrument :
 BNA_G
 ClientSampleId :
 PB115909BSD

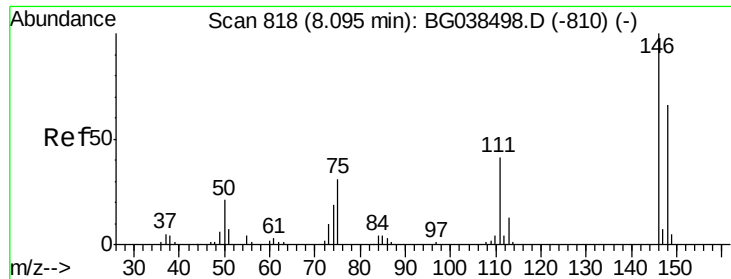
Tgt Ion: 93 Resp: 50290
 Ion Ratio Lower Upper
 93 100
 63 89.2 72.2 112.2
 95 33.3 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 37.568 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Tgt Ion: 146 Resp: 64322
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.4 77.0
 75 32.2 26.1 39.1

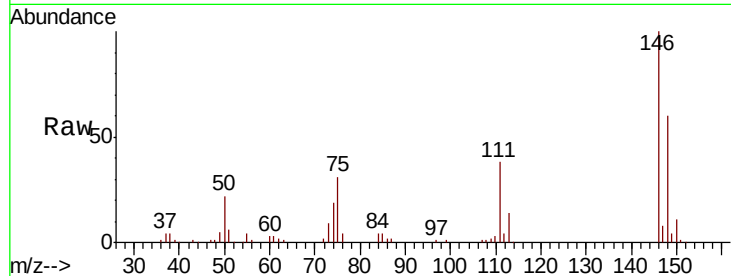




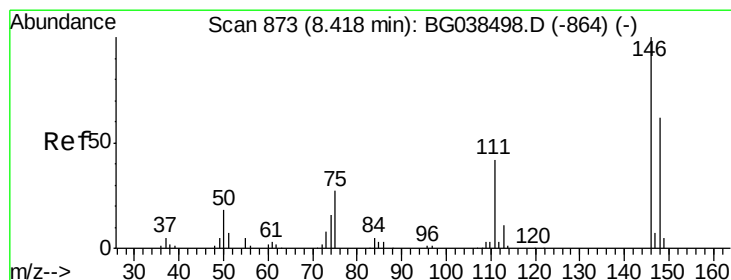
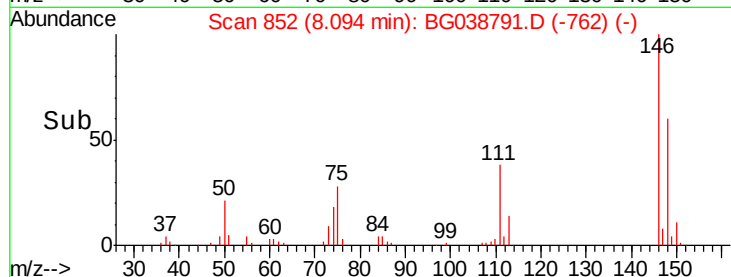
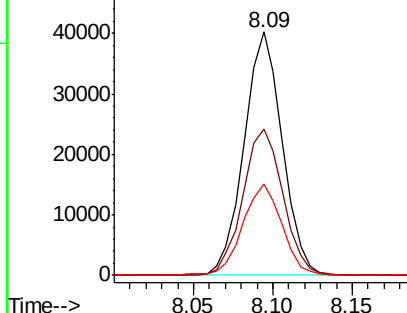
#13
 1,4-Dichlorobenzene
 Concen: 38.313 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BSD

Tgt Ion:146 Resp: 67184
 Ion Ratio Lower Upper
 146 100
 148 60.1 52.4 78.6
 111 37.7 33.0 49.4

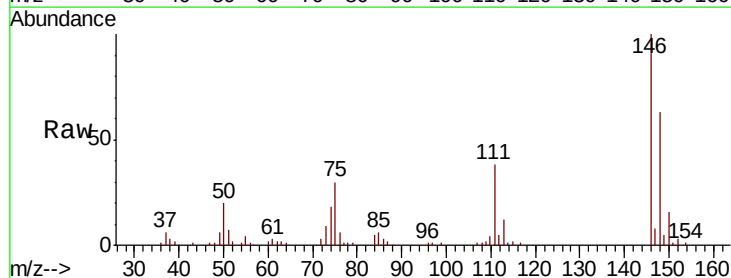


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

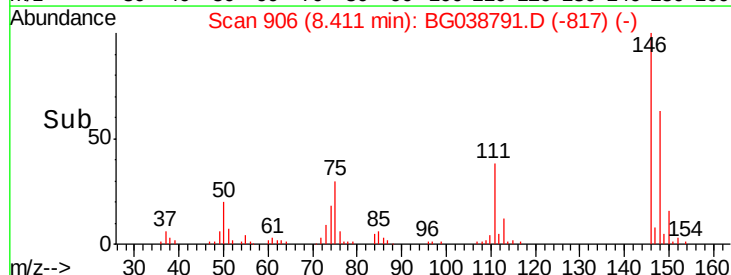
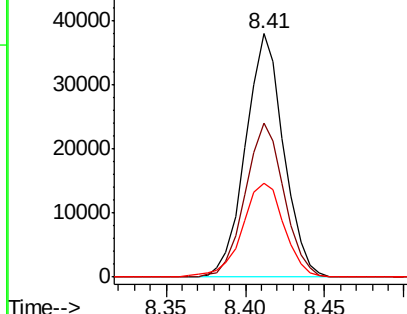


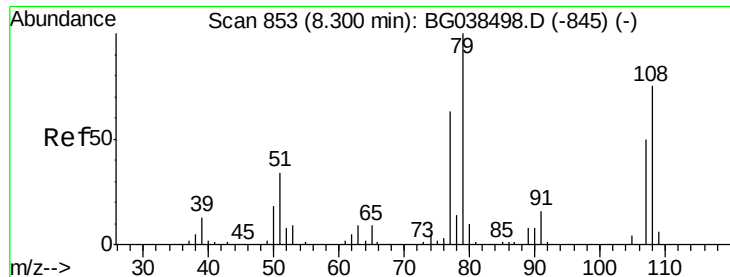
#14
 1,2-Dichlorobenzene
 Concen: 38.242 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Tgt Ion:146 Resp: 63219
 Ion Ratio Lower Upper
 146 100
 148 63.3 49.4 74.0
 111 38.4 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: 40.656 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB115909BSD

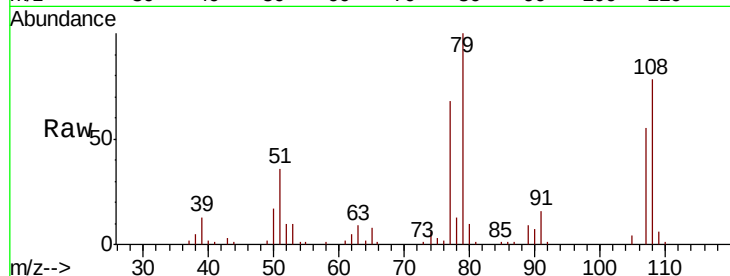
Tgt Ion: 79 Resp: 54512

Ion Ratio Lower Upper

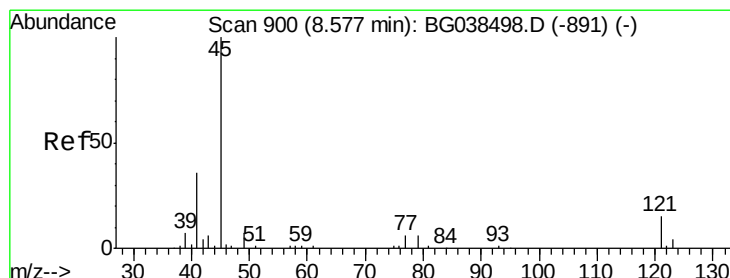
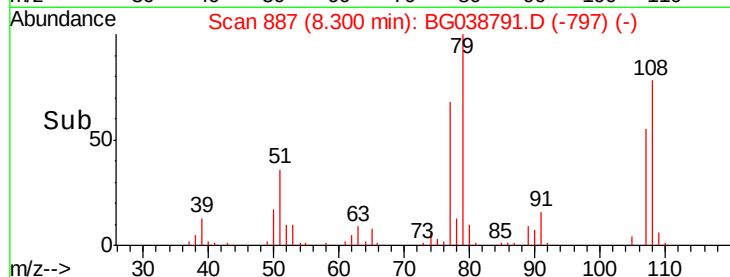
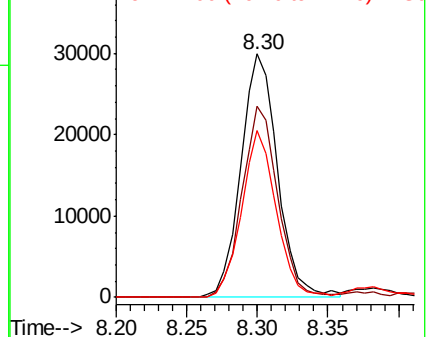
79 100

108 78.3 60.2 90.4

77 68.3 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: 31.712 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

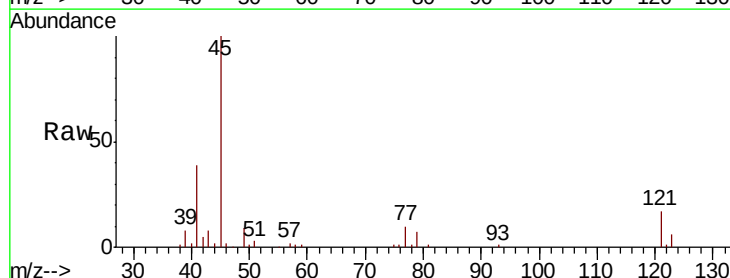
Tgt Ion: 45 Resp: 105550

Ion Ratio Lower Upper

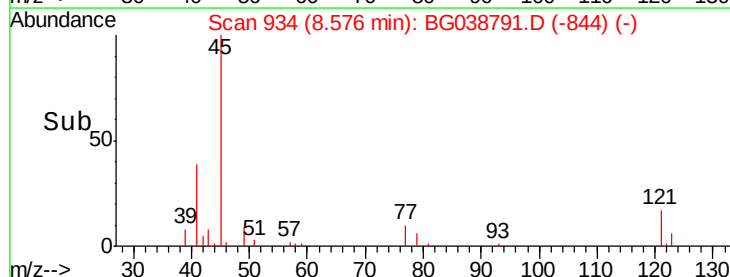
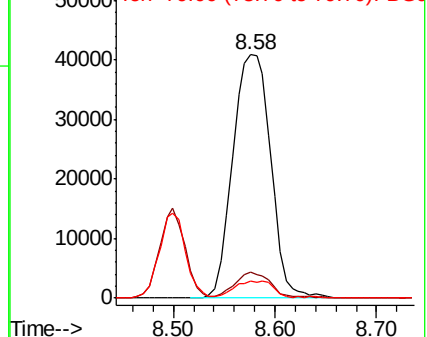
45 100

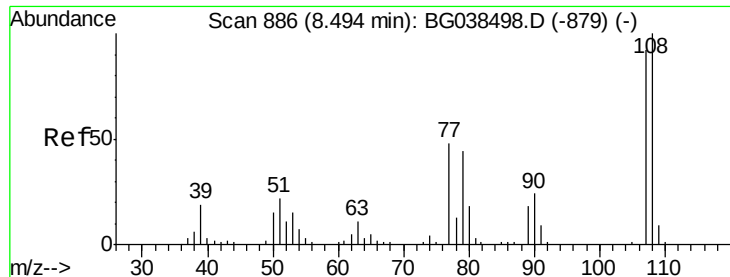
77 10.4 0.0 28.2

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

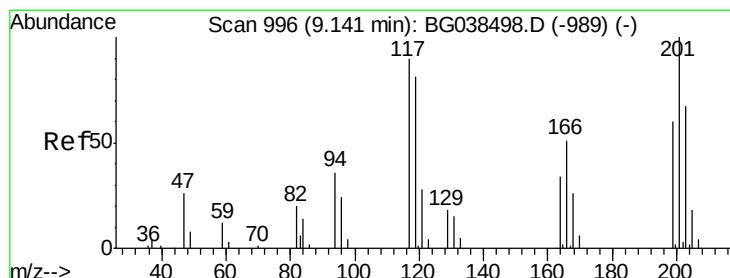
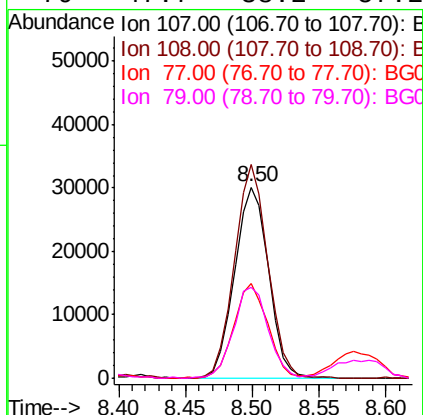
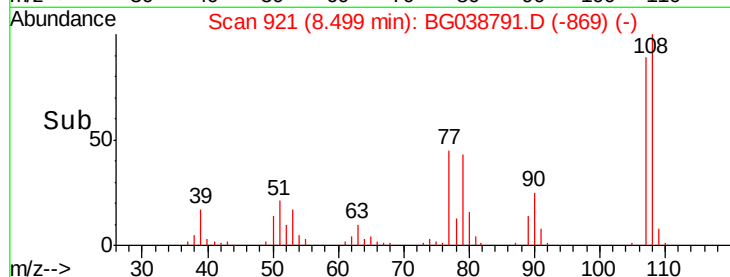
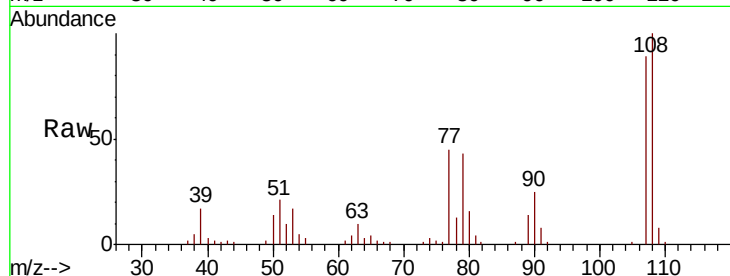




#17
2-Methylphenol
Concen: 43.331 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

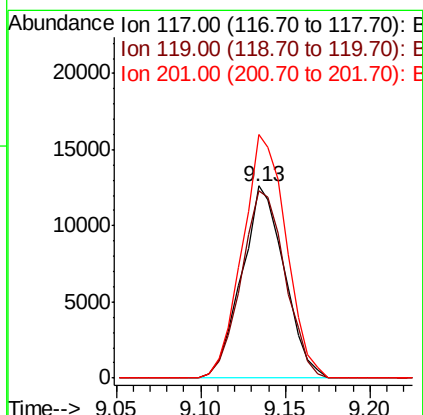
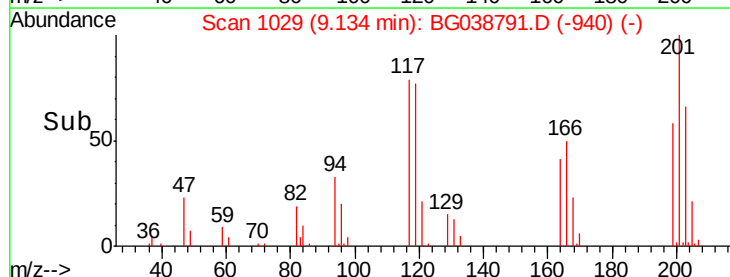
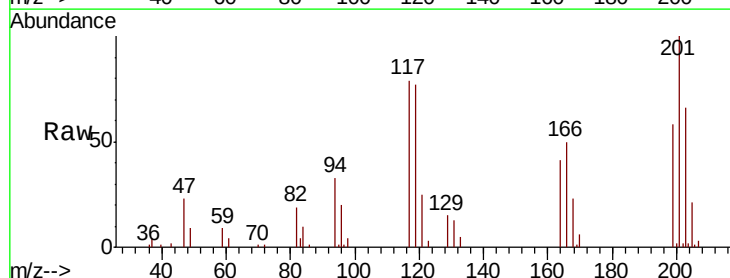
Instrument :
BNA_G
ClientSampleId :
PB115909BSD

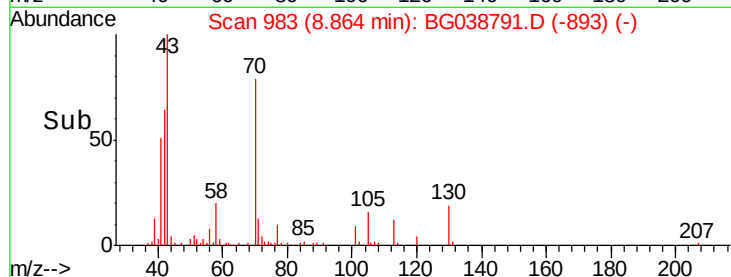
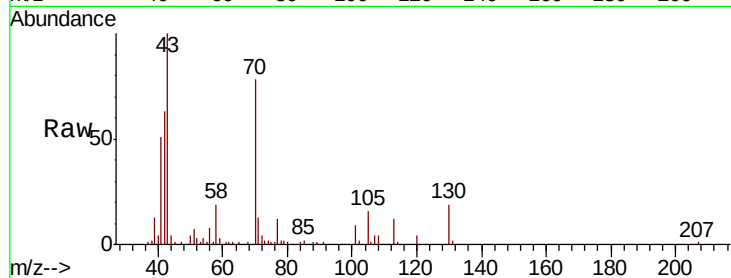
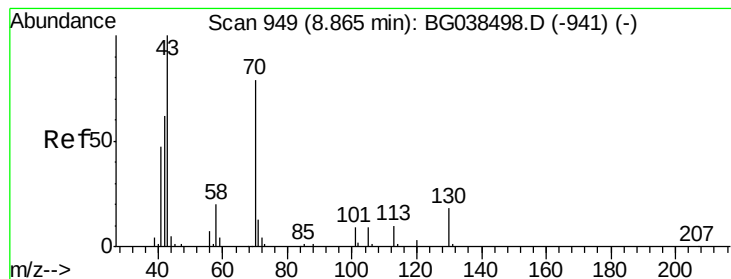
Tgt Ion:	107	Resp:	52982
Ion	Ratio	Lower	Upper
107	100		
108	111.8	87.1	130.7
77	49.9	42.0	63.0
79	47.7	38.2	57.2



#18
Hexachloroethane
Concen: 34.623 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Tgt Ion:	117	Resp:	22185
Ion	Ratio	Lower	Upper
117	100		
119	97.7	73.8	110.8
201	126.8	89.4	134.0





#19

n-Nitroso-di-n-propylamine

Concen: 33.901 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB115909BSD

Tgt Ion: 70 Resp: 40901

Ion Ratio Lower Upper

70 100

42 80.5 63.6 95.4

101 11.9 9.2 13.8

130 24.6 18.5 27.7

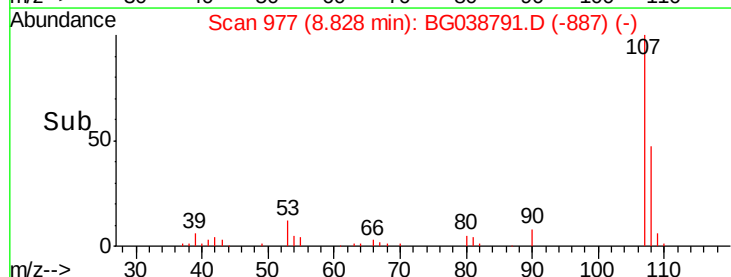
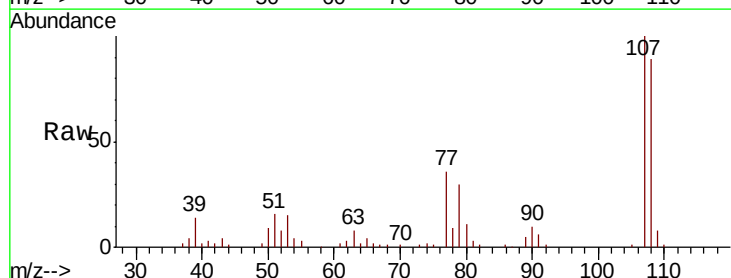
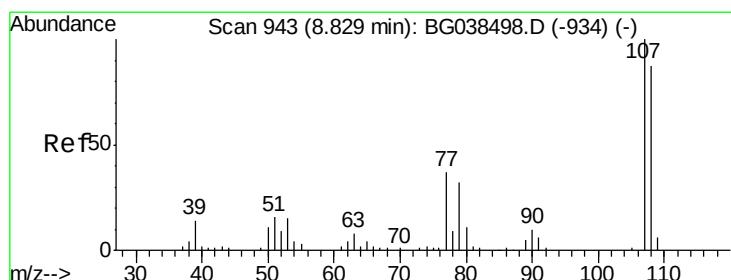
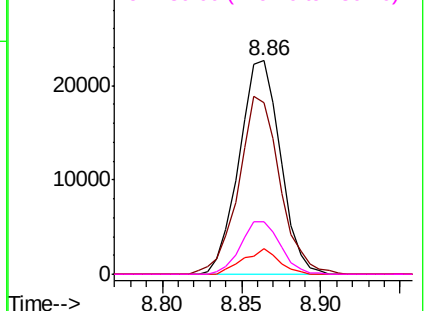
Abundance

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: 42.862 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

Tgt Ion: 107 Resp: 72379

Ion Ratio Lower Upper

107 100

108 88.5 66.7 106.7

77 35.9 17.3 57.3

79 30.3 12.3 52.3

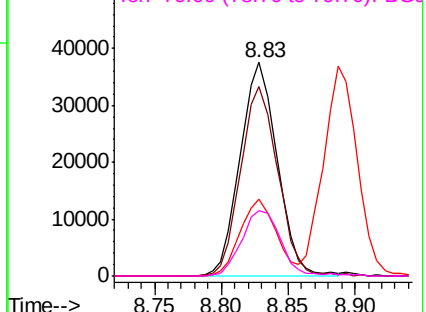
Abundance

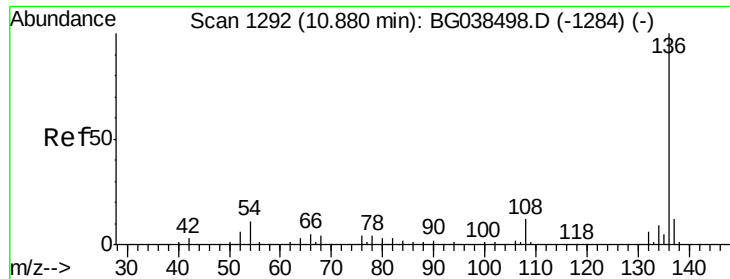
Ion 107.00 (106.70 to 107.70): BGC

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

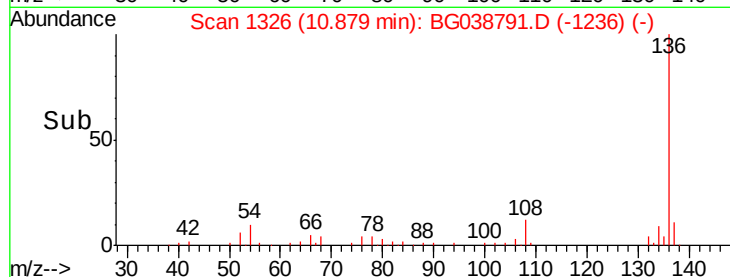
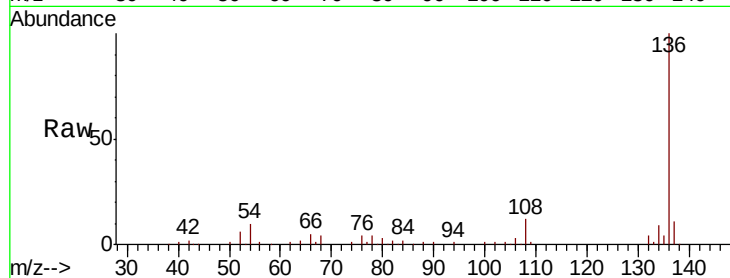




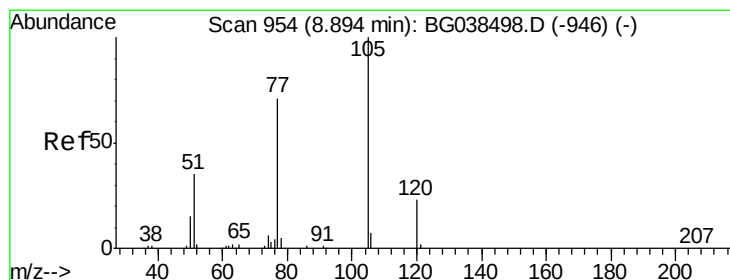
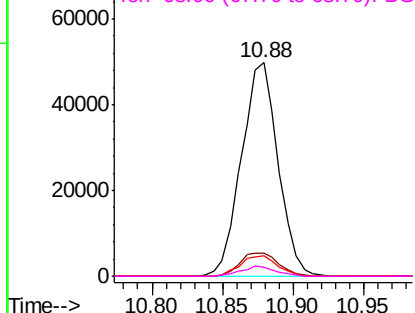
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Instrument :
BNA_G
ClientSampleId :
PB115909BSD

Tgt Ion:	136	Resp:	90509
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	9.7	8.5	12.7
68	4.1	3.5	5.3

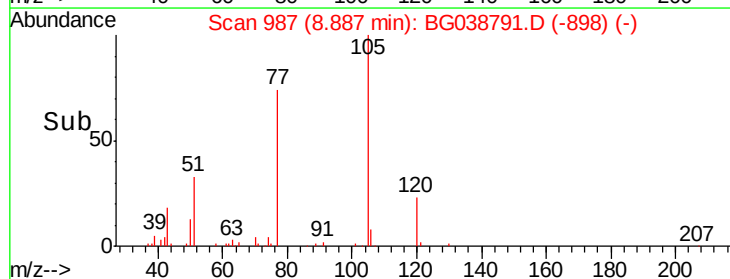
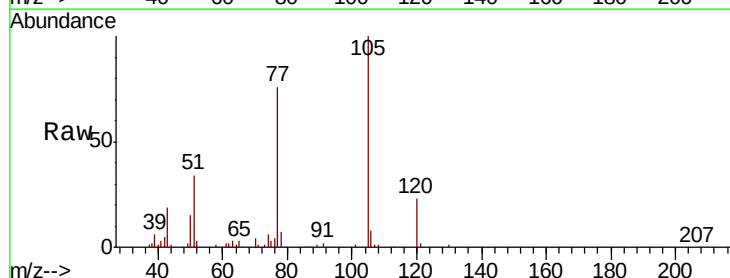


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

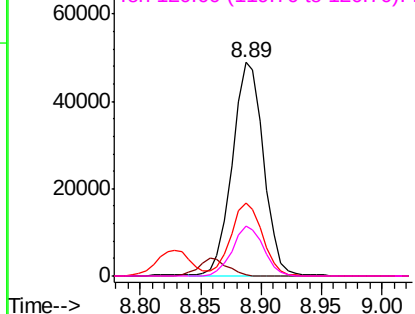


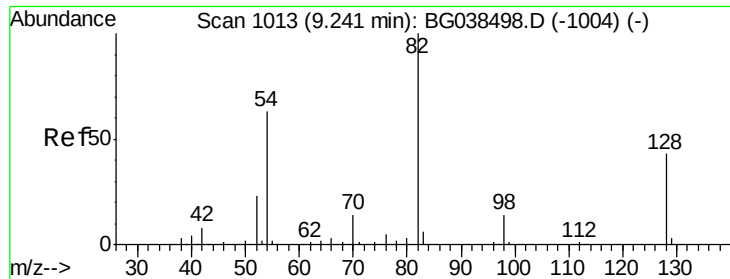
#22
Acetophenone
Concen: 39.142 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Tgt Ion:	105	Resp:	88490
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.4	0.6#
51	34.1	30.6	46.0
120	23.2	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

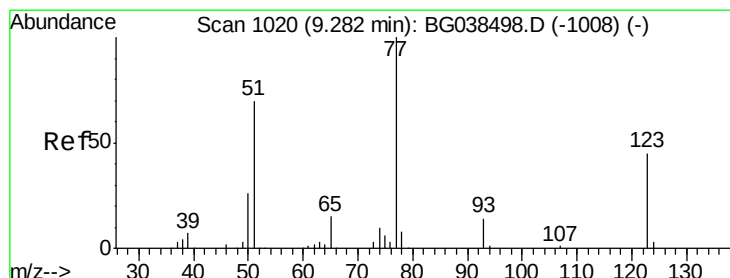
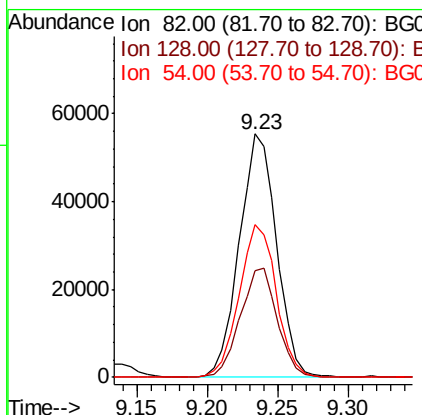
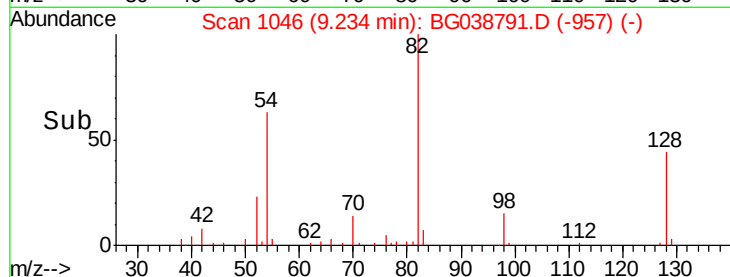
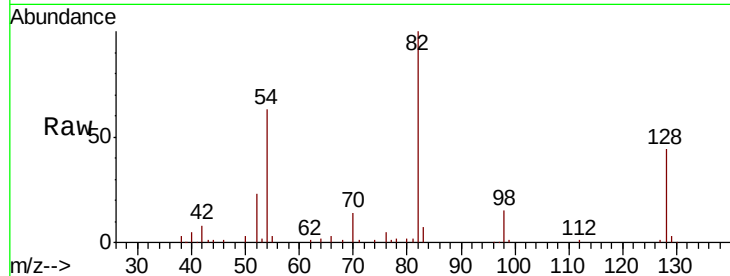




#23
 Nitrobenzene-d5
 Concen: 57.723 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

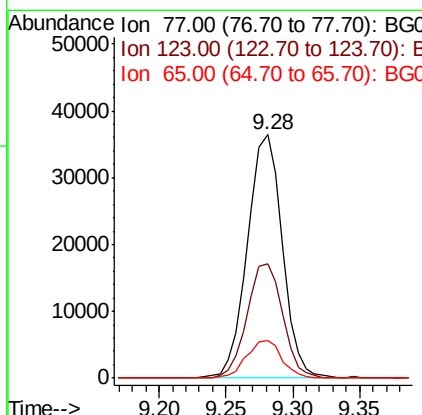
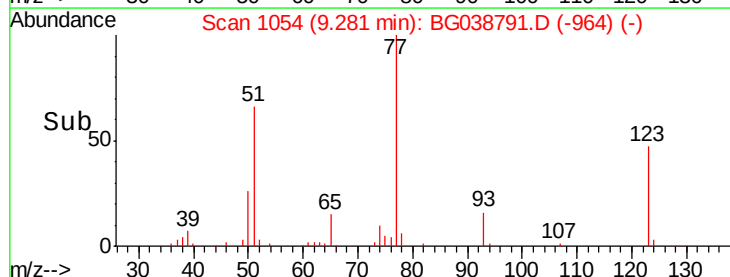
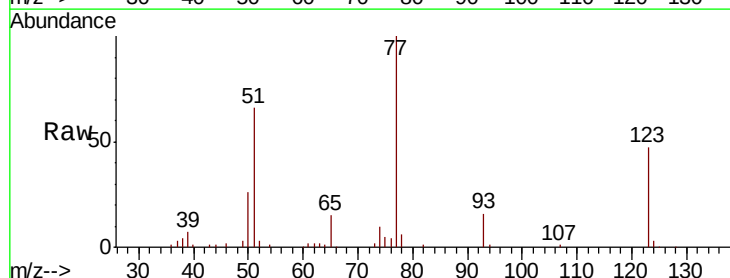
Instrument :
 BNA_G
 ClientSampleId :
 PB115909BSD

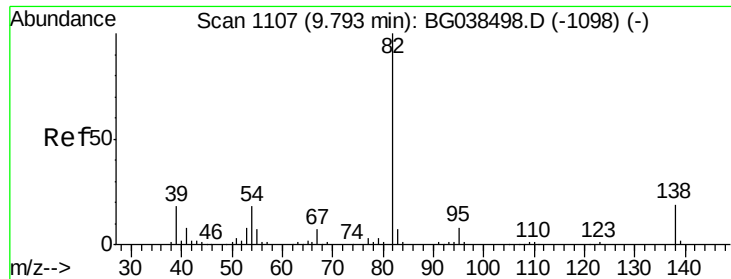
Tgt Ion: 82 Resp: 102266
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.6 52.0
 54 62.6 50.6 76.0



#24
 Nitrobenzene
 Concen: 36.699 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Tgt Ion: 77 Resp: 65774
 Ion Ratio Lower Upper
 77 100
 123 46.7 35.9 53.9
 65 15.4 12.0 18.0

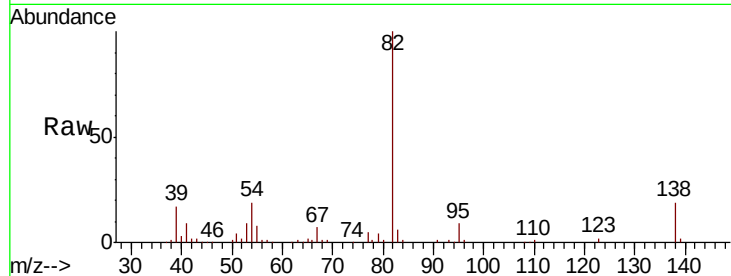




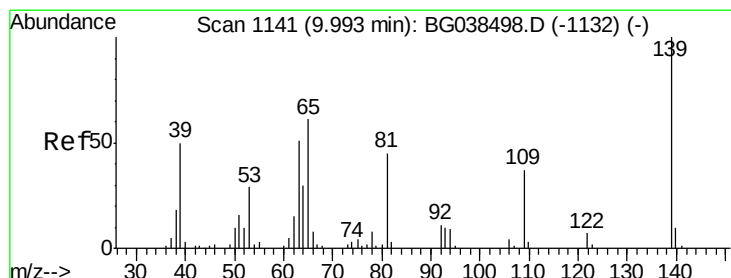
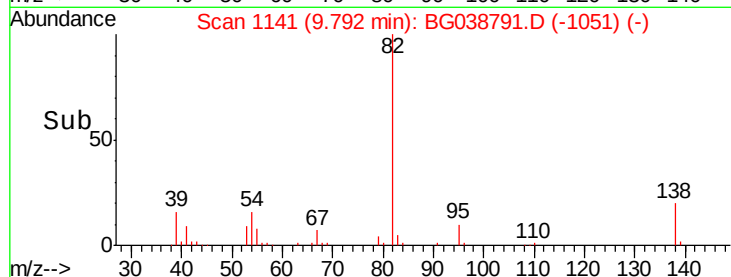
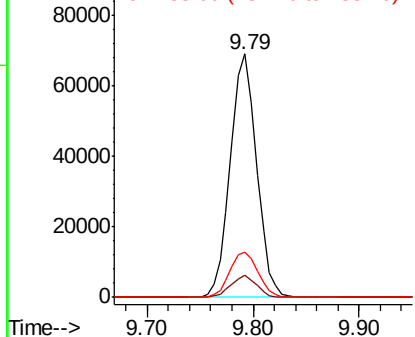
#25
Isophorone
Concen: 37.434 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Instrument :
BNA_G
ClientSampleId :
PB115909BSD

Tgt Ion: 82 Resp: 119159
Ion Ratio Lower Upper
82 100
95 8.9 6.1 9.1
138 18.7 14.9 22.3

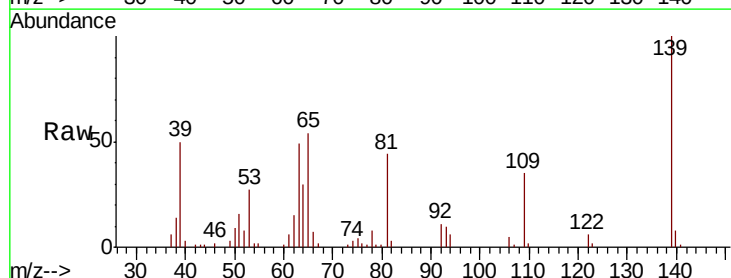


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

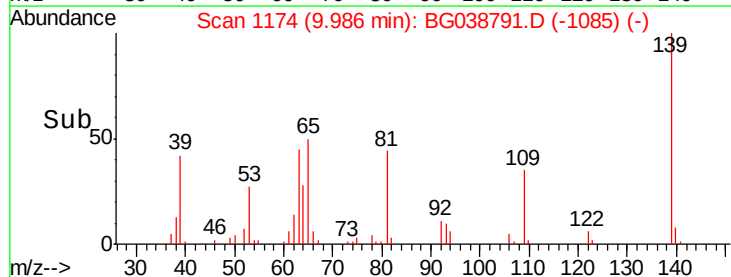
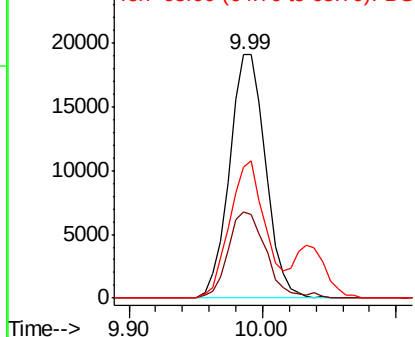


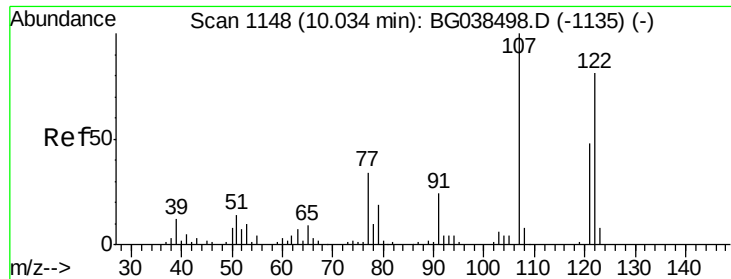
#26
2-Nitrophenol
Concen: 39.200 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Tgt Ion: 139 Resp: 35959
Ion Ratio Lower Upper
139 100
109 35.1 29.5 44.3
65 53.6 48.5 72.7



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

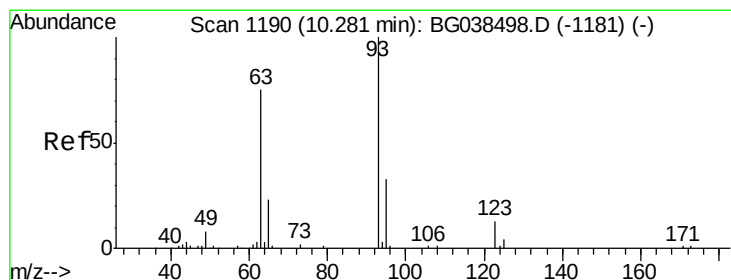
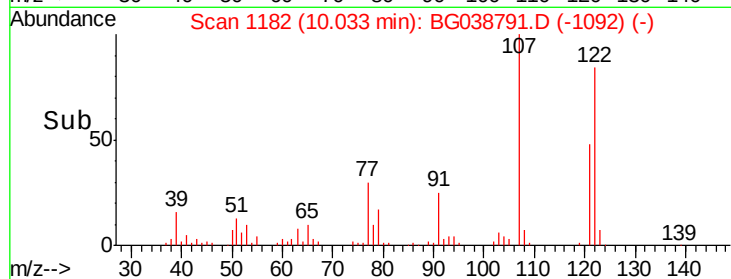
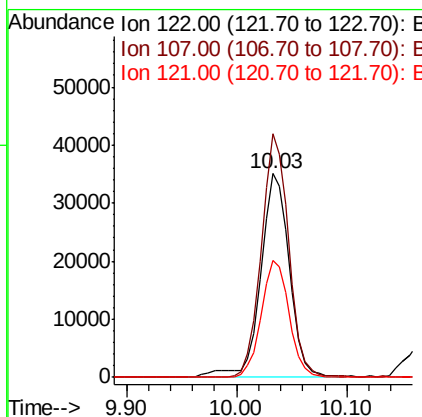
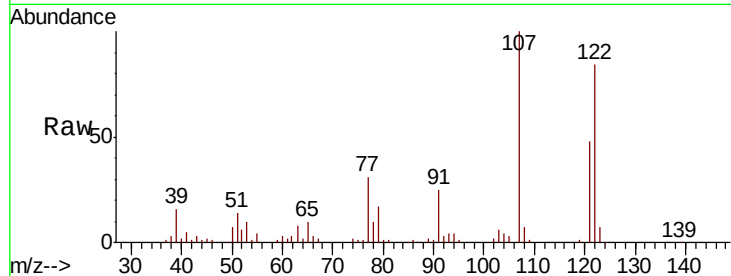




#27
2,4-Dimethylphenol
Concen: 48.519 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

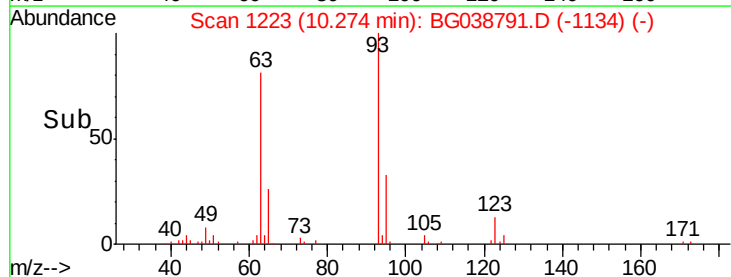
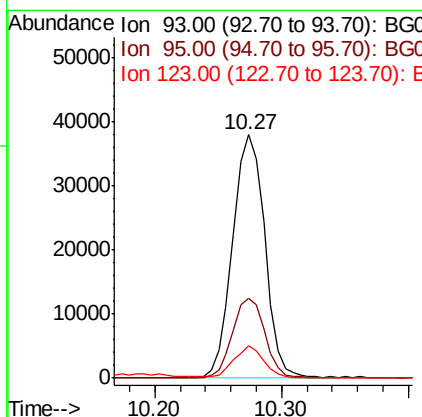
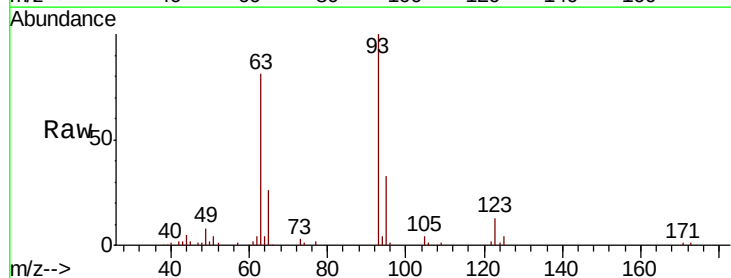
Instrument :
BNA_G
ClientSampleId :
PB115909BSD

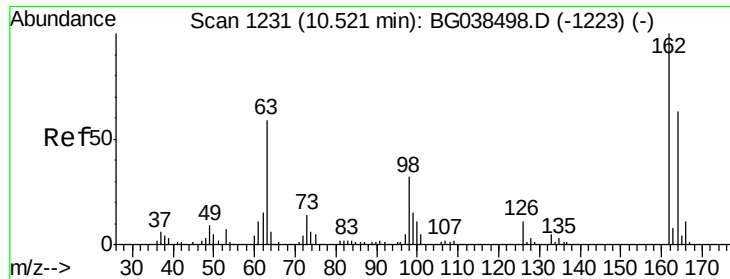
Tgt Ion: 122 Resp: 63786
Ion Ratio Lower Upper
122 100
107 119.7 98.4 147.6
121 57.5 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 37.197 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Tgt Ion: 93 Resp: 66820
Ion Ratio Lower Upper
93 100
95 32.7 26.6 40.0
123 13.3 10.6 16.0

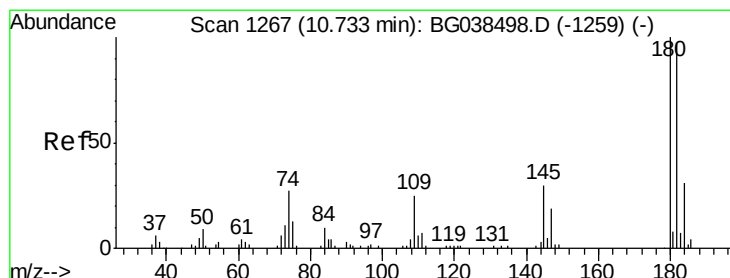
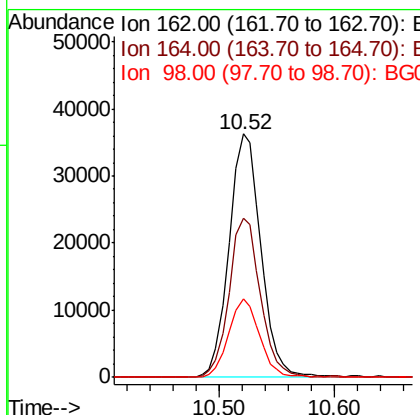
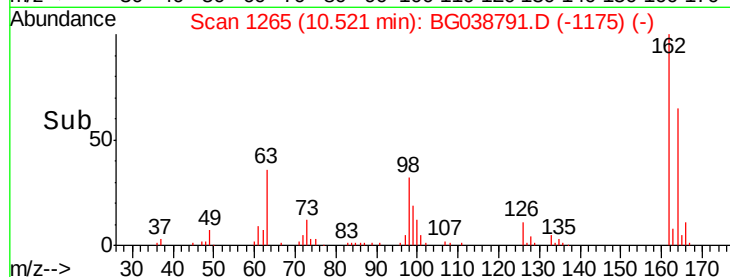
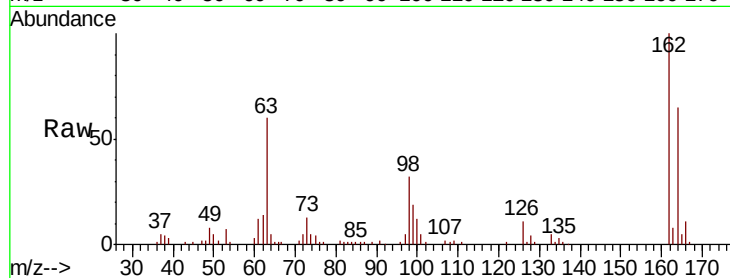




#29
2,4-Dichlorophenol
Concen: 47.356 ng
RT: 10.52 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

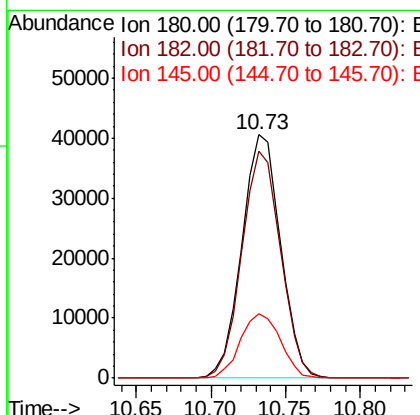
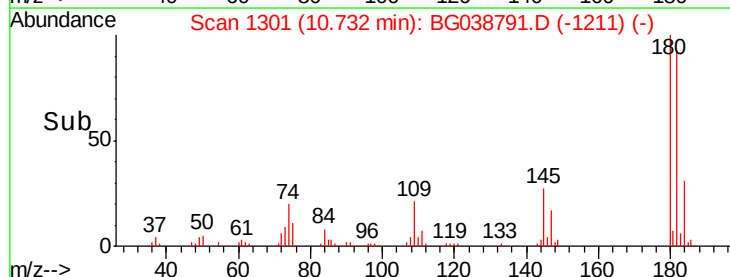
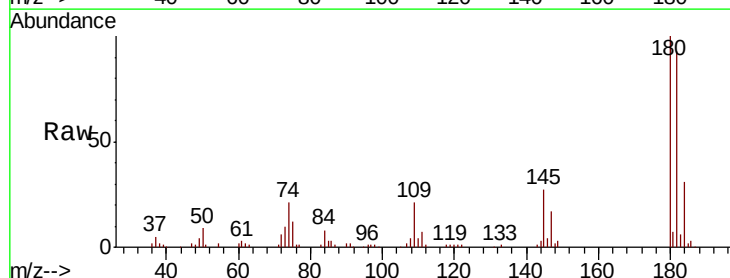
Instrument :
BNA_G
ClientSampleId :
PB115909BSD

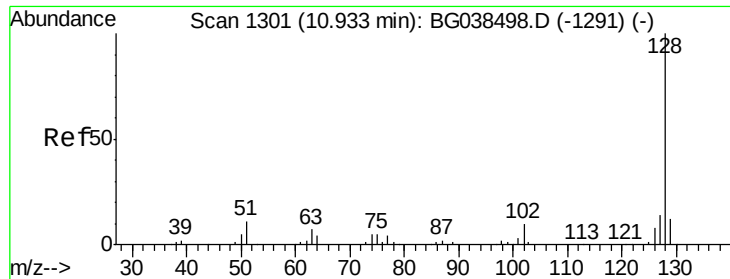
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	42.9	82.9
98	32.4	12.1	52.1



#30
1,2,4-Trichlorobenzene
Concen: 41.072 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.4	116.0
145	26.7	24.1	36.1

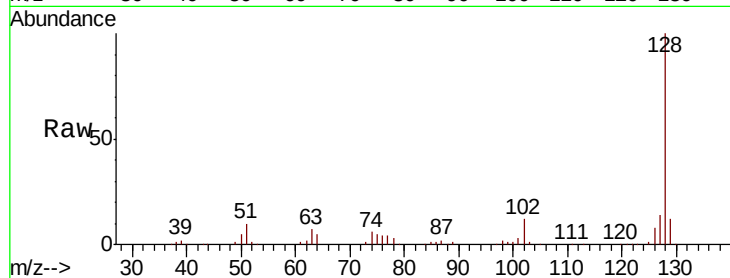




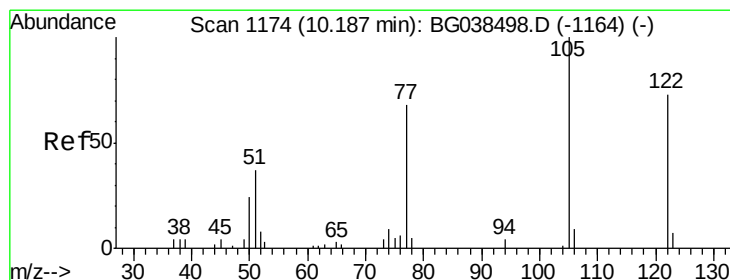
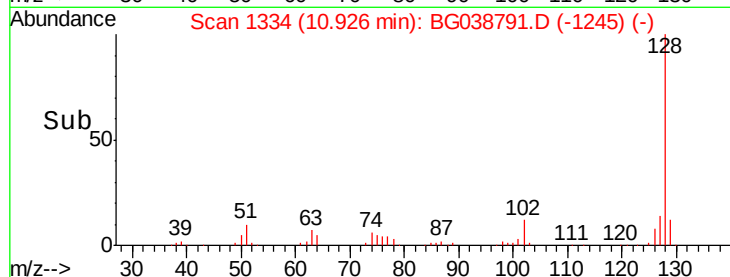
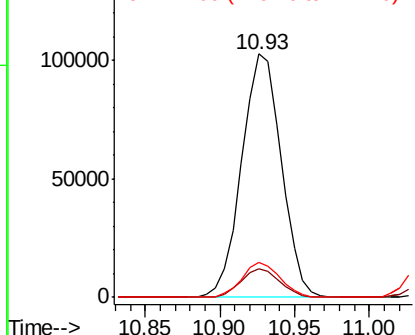
#31
Naphthalene
Concen: 42.328 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Instrument :
BNA_G
ClientSampleId :
PB115909BSD

Tgt Ion:128 Resp: 188760
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 14.5 10.9 16.3

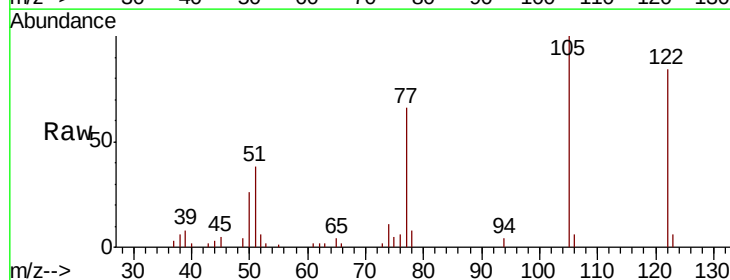


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

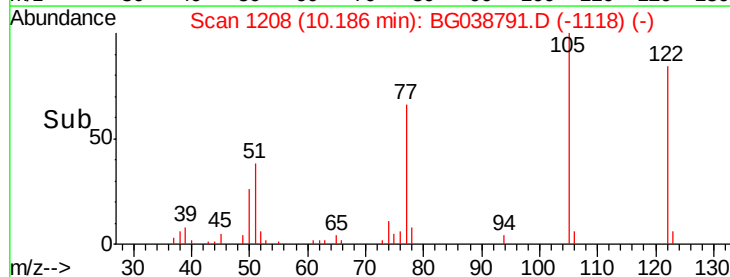
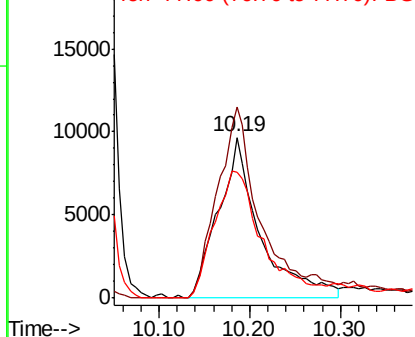


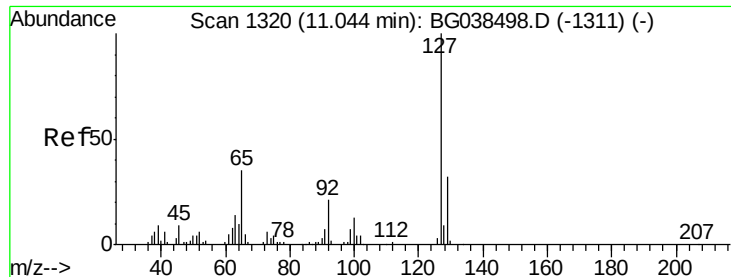
#32
Benzoic acid
Concen: 39.293 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Tgt Ion:122 Resp: 30858
Ion Ratio Lower Upper
122 100
105 119.1 116.7 156.7
77 78.1 72.5 112.5



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

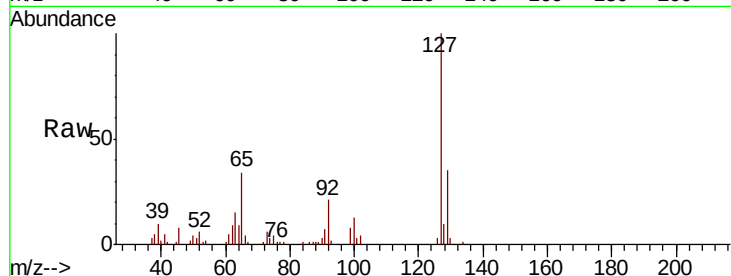




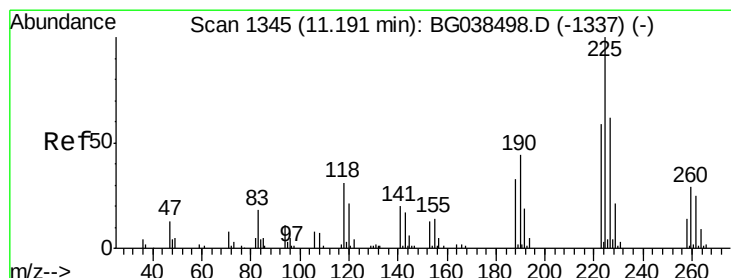
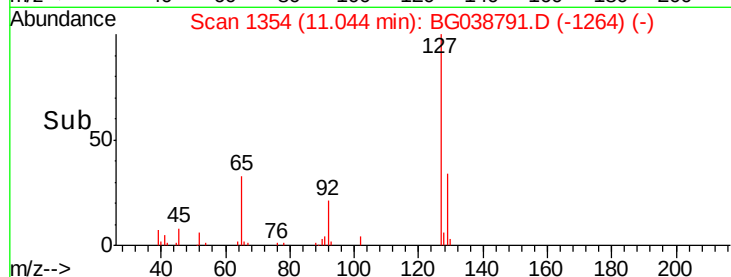
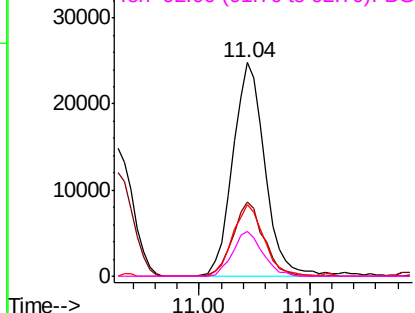
#33
4-Chloroaniline
Concen: 26.279 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Instrument :
BNA_G
ClientSampleId :
PB115909BSD

Tgt Ion:	127	Resp:	50878
Ion	Ratio	Lower	Upper
127	100		
129	34.6	25.8	38.8
65	33.6	27.8	41.6
92	21.0	17.0	25.6

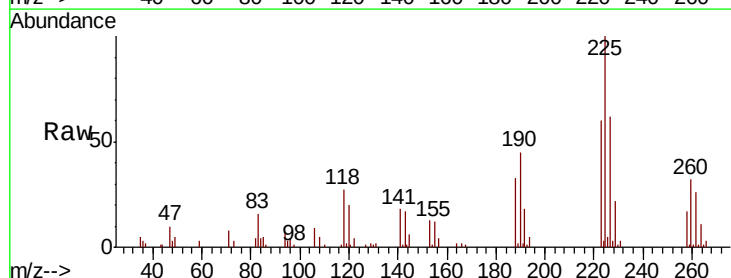


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

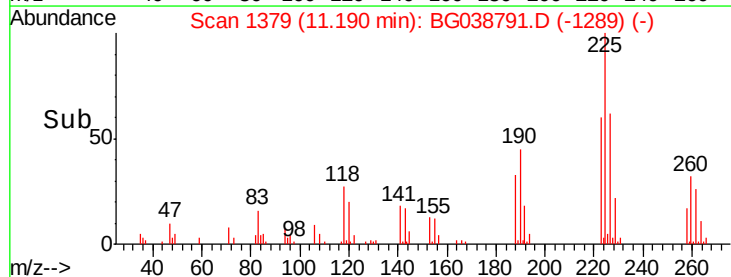
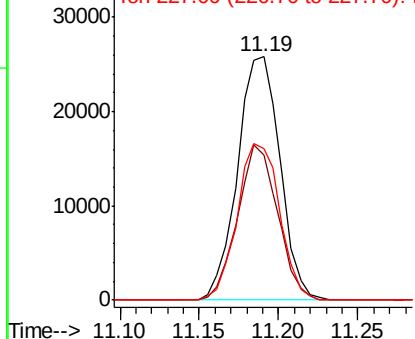


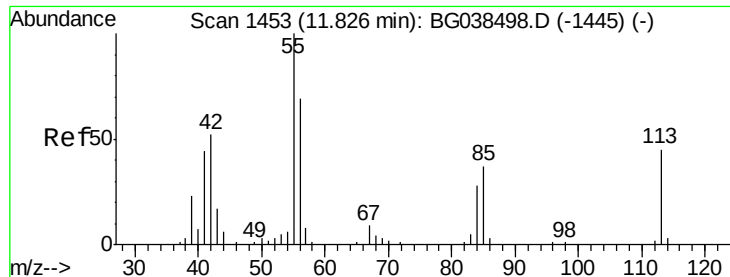
#34
Hexachlorobutadiene
Concen: 40.124 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Tgt Ion:	225	Resp:	47963
Ion	Ratio	Lower	Upper
225	100		
223	60.0	45.0	67.6
227	62.3	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

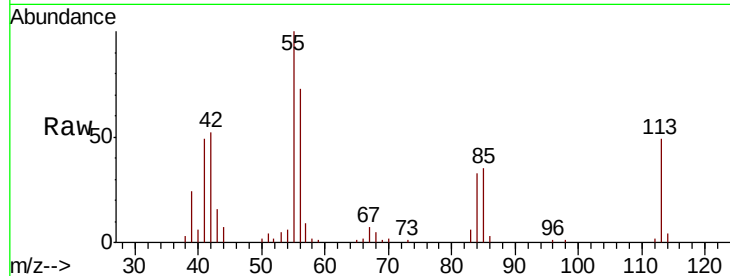




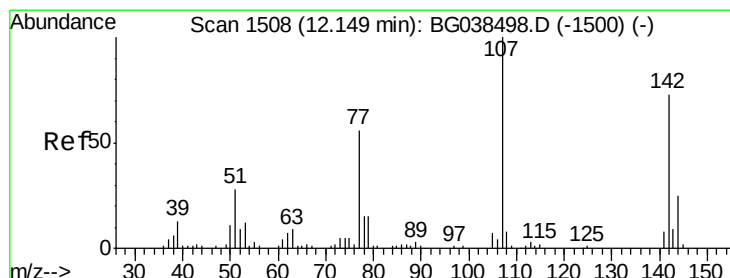
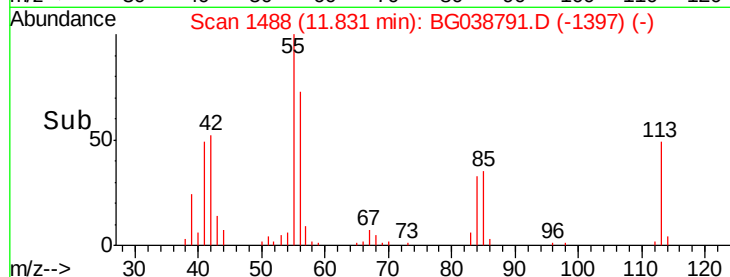
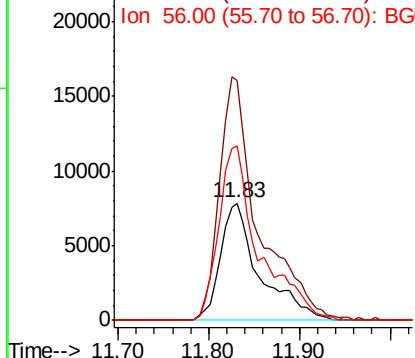
#35
 Caprolactam
 Concen: 38.920 ng
 RT: 11.83 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BSD

Tgt Ion:113 Resp: 23557
 Ion Ratio Lower Upper
 113 100
 55 205.1 204.3 244.3
 56 149.4 135.0 175.0

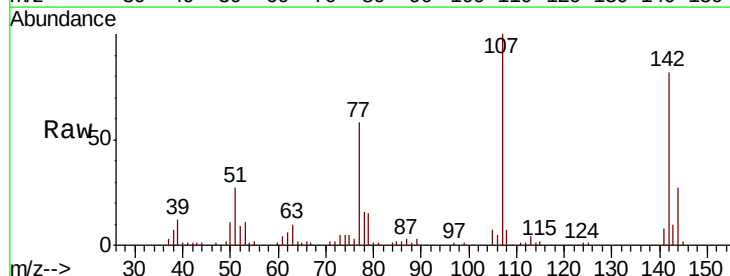


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

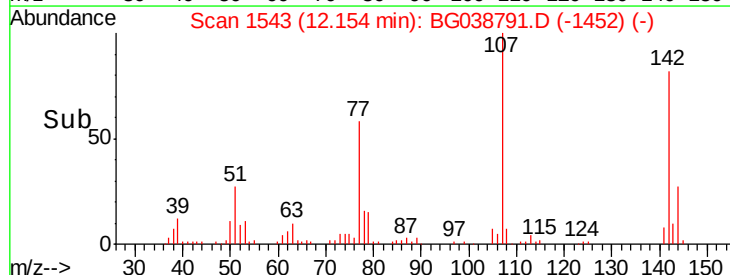
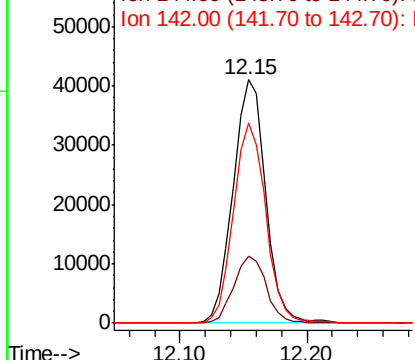


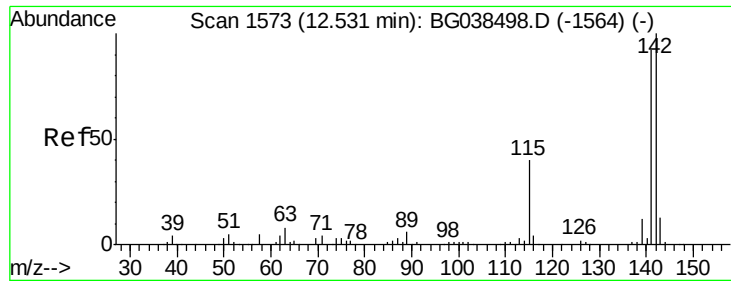
#36
 4-Chloro-3-methylphenol
 Concen: 43.628 ng
 RT: 12.15 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Tgt Ion:107 Resp: 72816
 Ion Ratio Lower Upper
 107 100
 144 27.4 20.1 30.1
 142 82.0 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

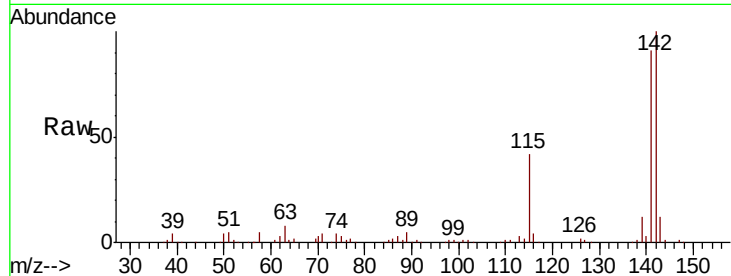




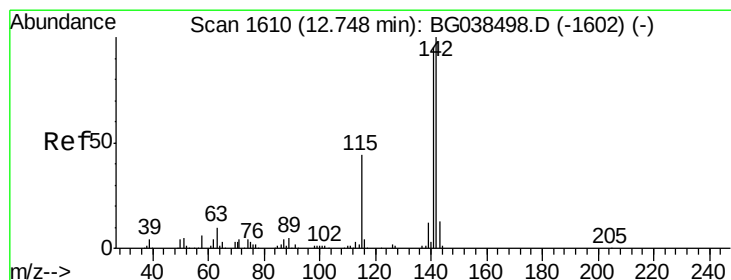
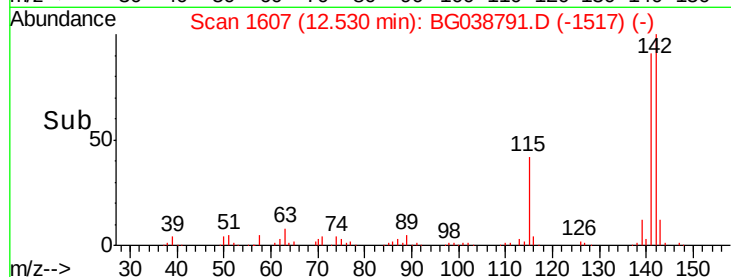
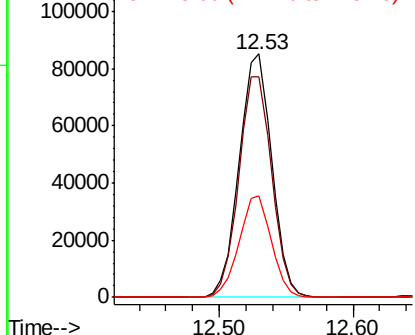
#37
 2-Methylnaphthalene
 Concen: 45.241 ng
 RT: 12.53 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BSD

Tgt Ion:142 Resp: 143932
 Ion Ratio Lower Upper
 142 100
 141 90.5 73.5 110.3
 115 41.5 31.7 47.5

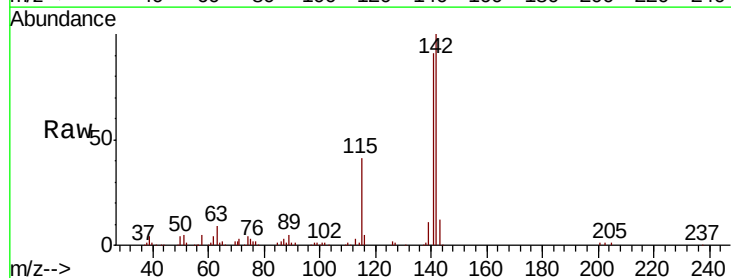


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

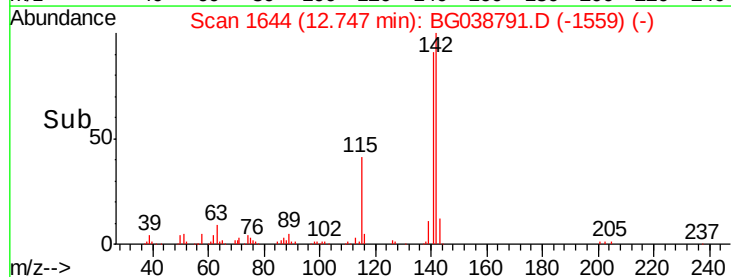
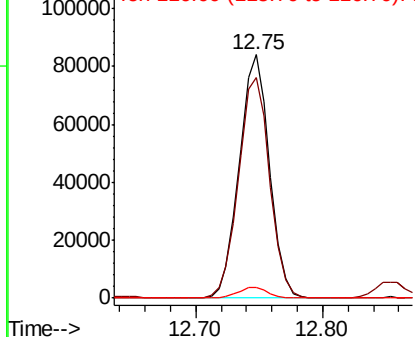


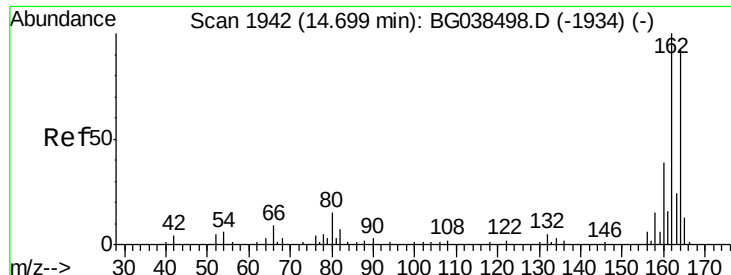
#38
 1-Methylnaphthalene
 Concen: 44.790 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Tgt Ion:142 Resp: 138274
 Ion Ratio Lower Upper
 142 100
 141 90.8 75.8 113.8
 116 4.6 3.6 5.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB115909BSD

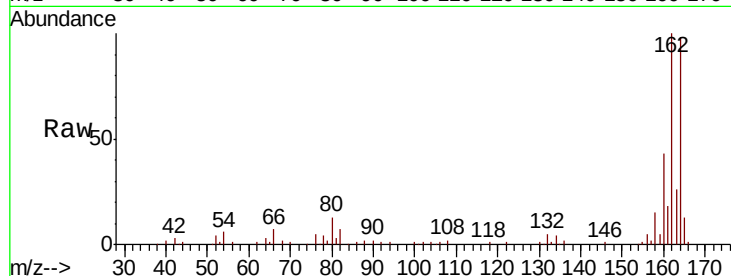
Tgt Ion:164 Resp: 65323

Ion Ratio Lower Upper

164 100

162 102.5 86.6 130.0

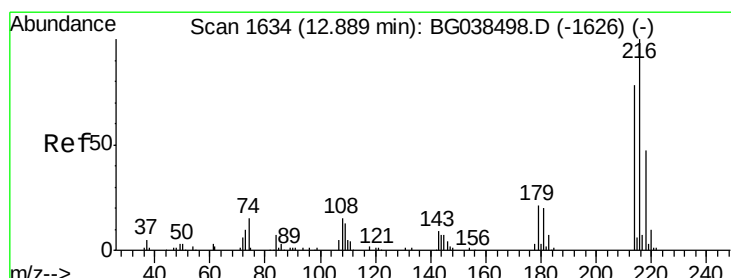
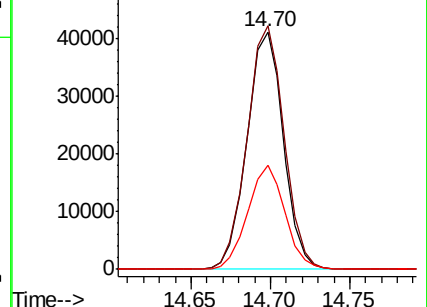
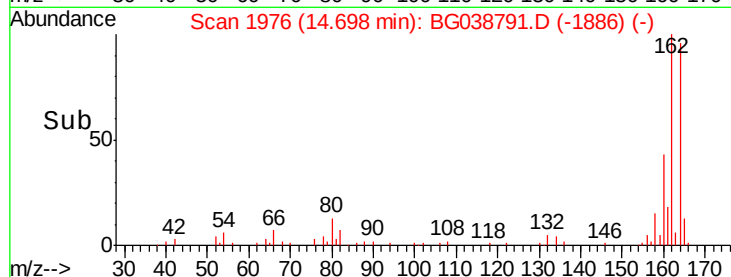
160 43.9 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.363 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

Tgt Ion:216 Resp: 91231

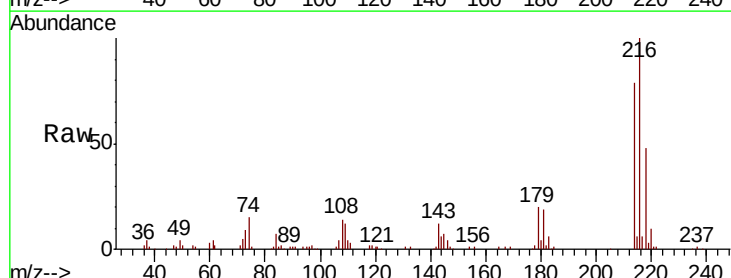
Ion Ratio Lower Upper

216 100

214 79.1 64.1 96.1

179 20.1 16.4 24.6

108 16.5 13.9 20.9

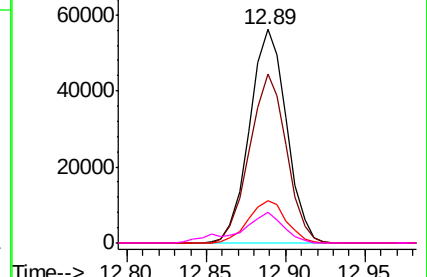
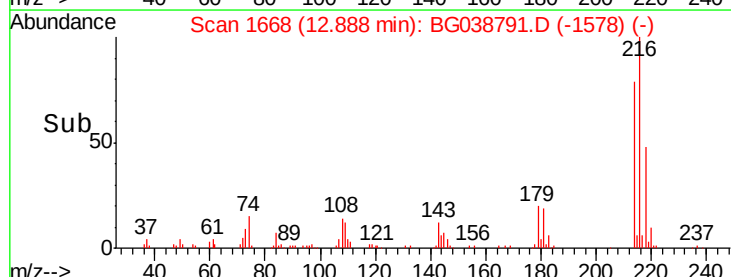


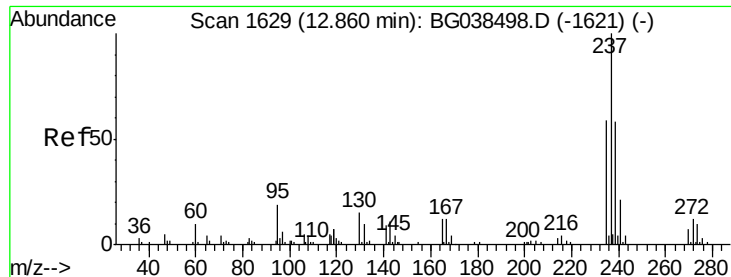
Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.048 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB115909BSD

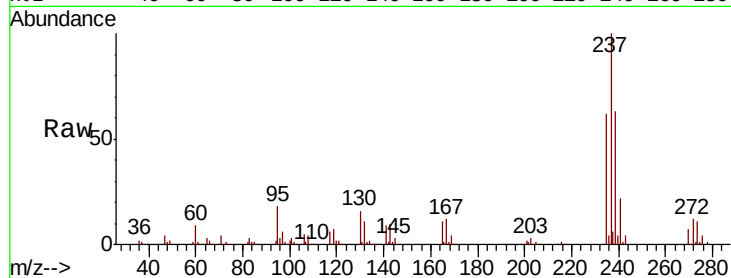
Tgt Ion:237 Resp: 100676

Ion Ratio Lower Upper

237 100

235 62.0 38.8 78.8

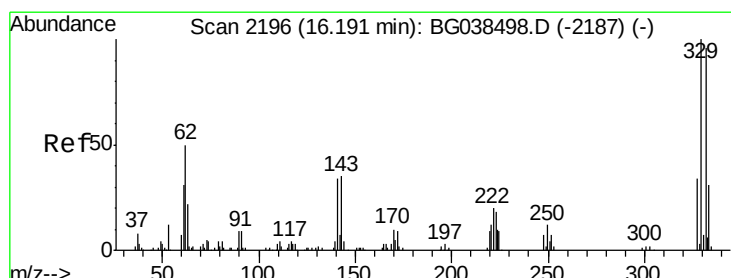
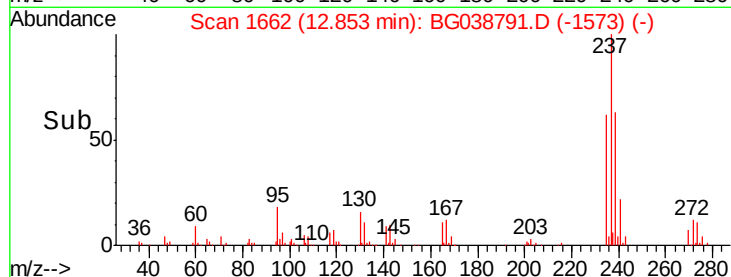
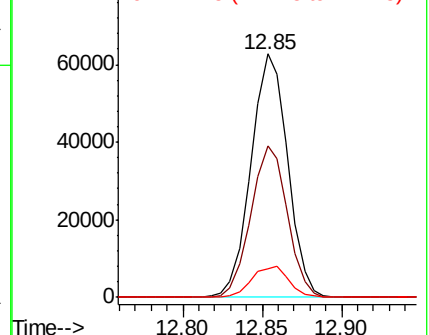
272 11.8 0.0 32.0



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: 129.796 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

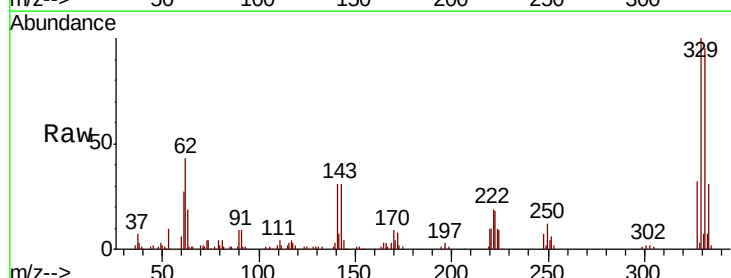
Tgt Ion:330 Resp: 116851

Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

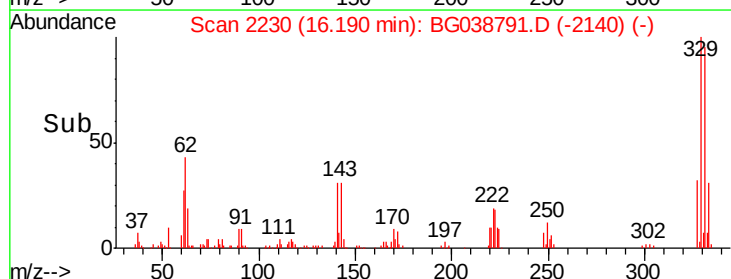
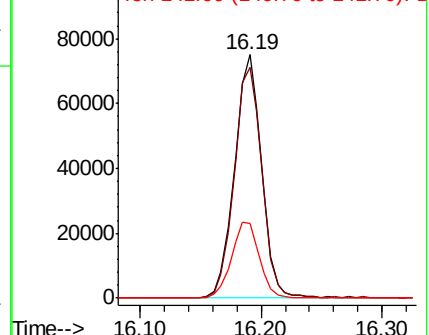
141 32.1 28.8 43.2

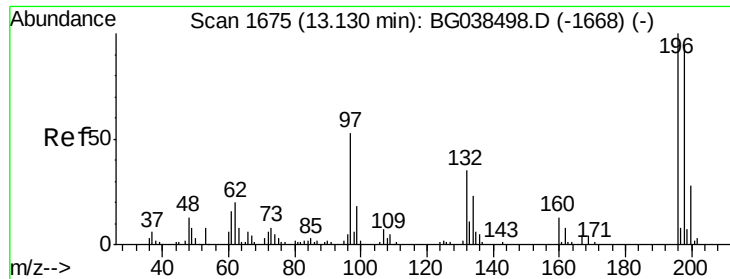


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

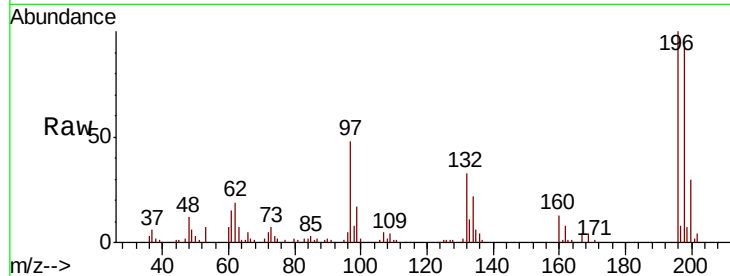




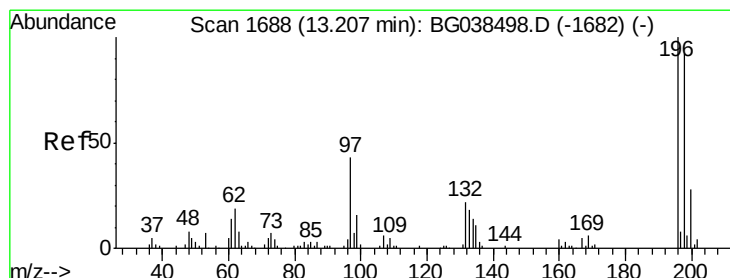
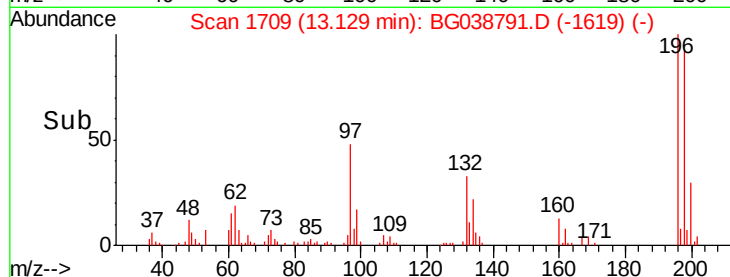
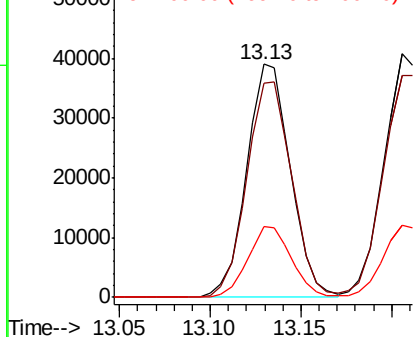
#43
 2,4,6-Trichlorophenol
 Concen: 43.606 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BSD

Tgt Ion:196 Resp: 65467
 Ion Ratio Lower Upper
 196 100
 198 92.1 75.0 112.4
 200 30.4 22.4 33.6

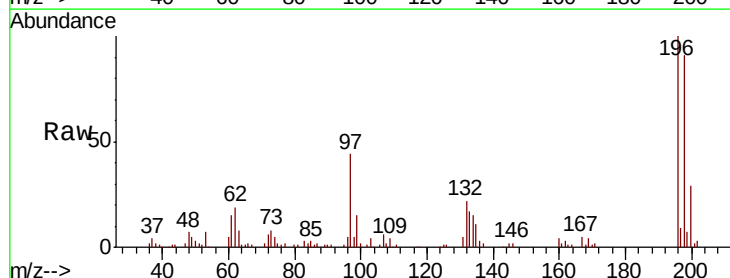


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

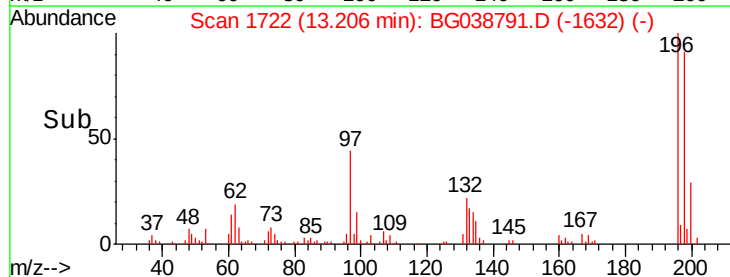
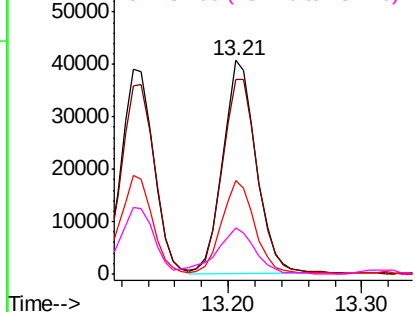


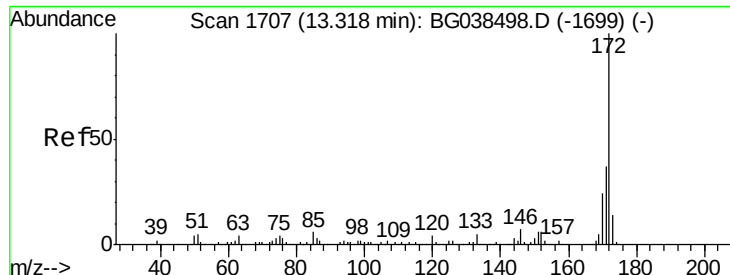
#44
 2,4,5-Trichlorophenol
 Concen: 44.699 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Tgt Ion:196 Resp: 71052
 Ion Ratio Lower Upper
 196 100
 198 91.1 74.0 111.0
 97 43.6 35.1 52.7
 132 21.6 18.0 27.0



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

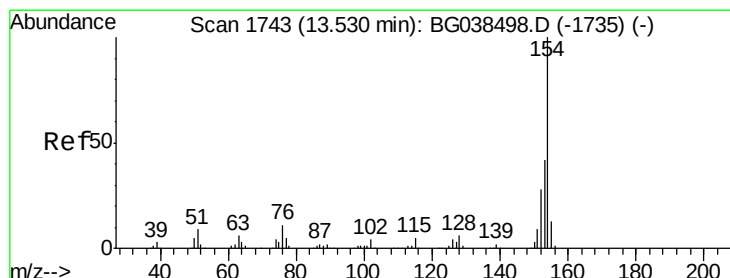
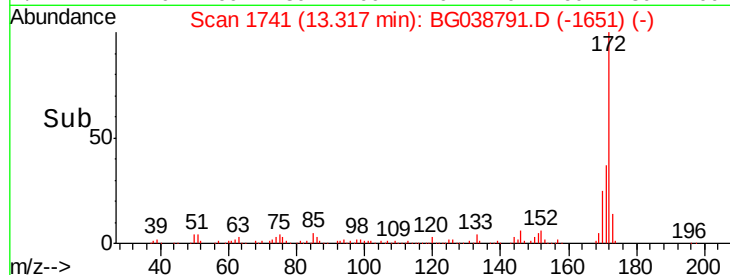
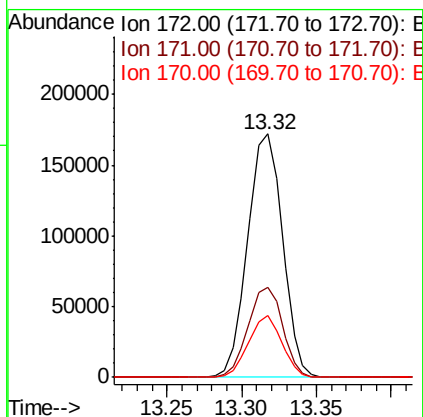
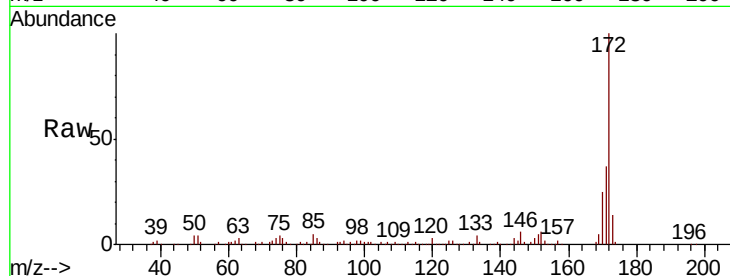




#45
2-Fluorobiphenyl
Concen: 58.376 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

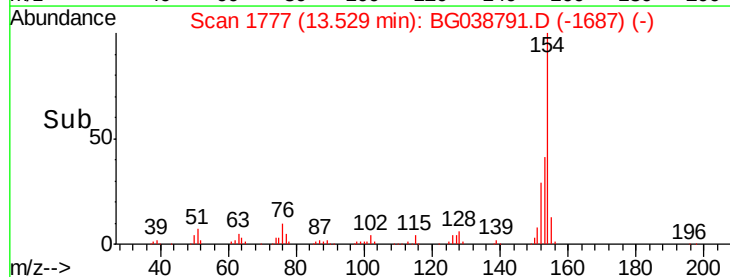
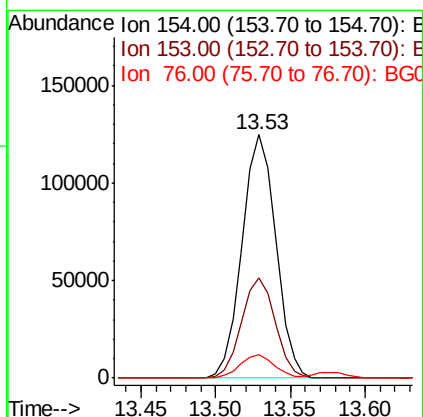
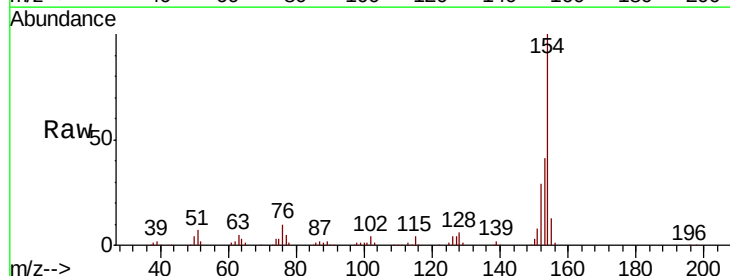
Instrument :
BNA_G
ClientSampleId :
PB115909BSD

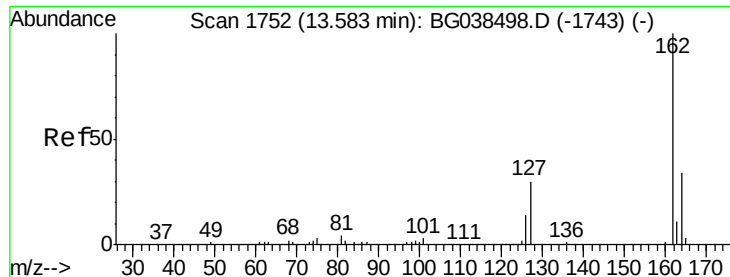
Tgt Ion:172 Resp: 277969
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 25.2 19.5 29.3



#46
1,1'-Biphenyl
Concen: 35.643 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Tgt Ion:154 Resp: 195187
Ion Ratio Lower Upper
154 100
153 41.3 22.1 62.1
76 9.9 0.0 31.2

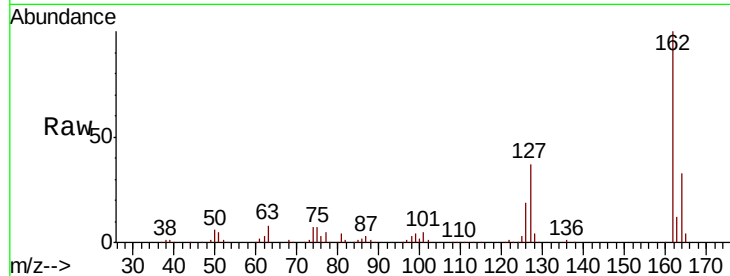




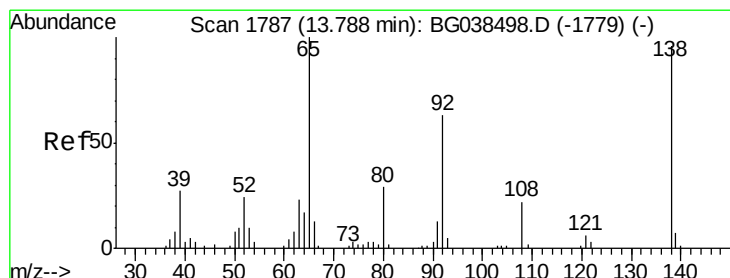
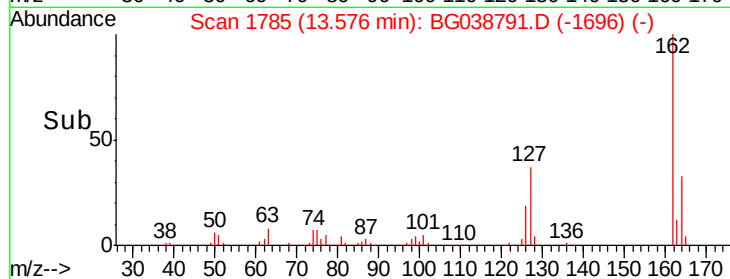
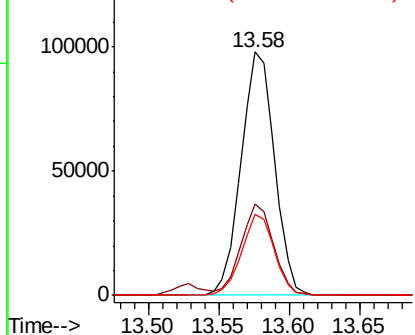
#47
 2-Chloronaphthalene
 Concen: 38.507 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.2	27.8	41.8
164	33.3	26.9	40.3

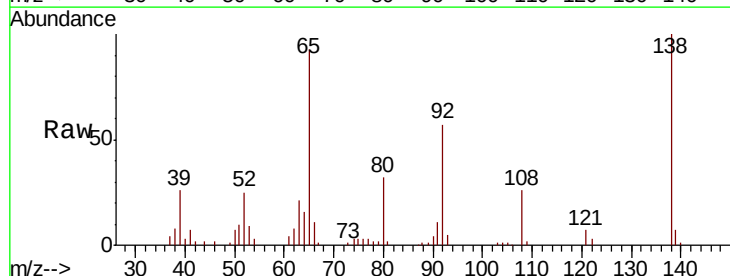


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

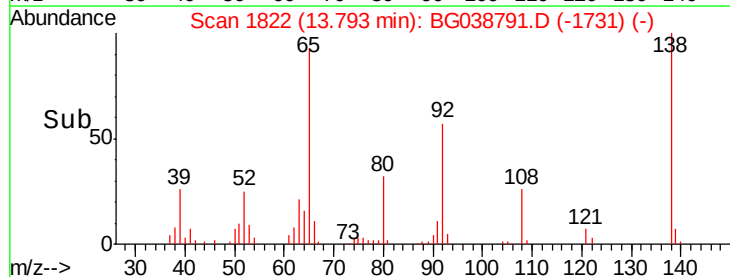
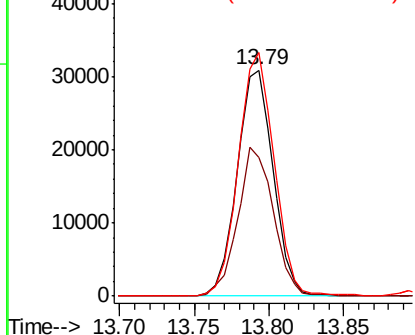


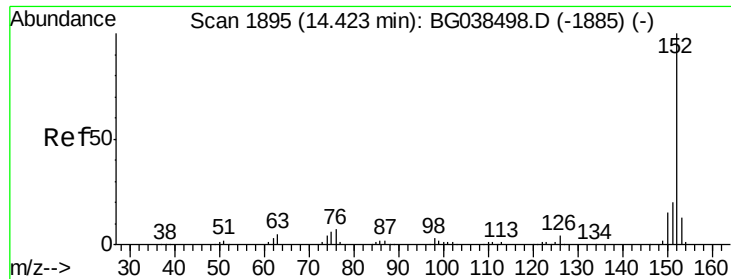
#48
 2-Nitroaniline
 Concen: 38.395 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.0	50.0	75.0
138	107.6	76.9	115.3



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





#49

Acenaphthylene

Concen: 41.970 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB115909BSD

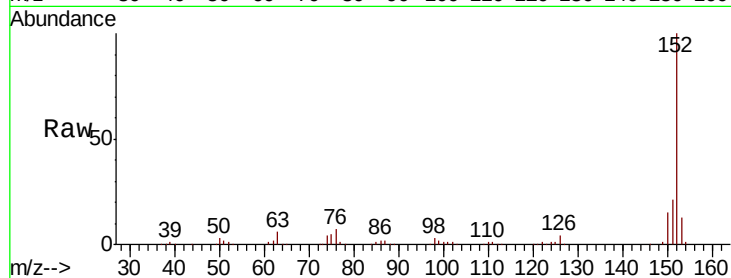
Tgt Ion:152 Resp: 265407

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

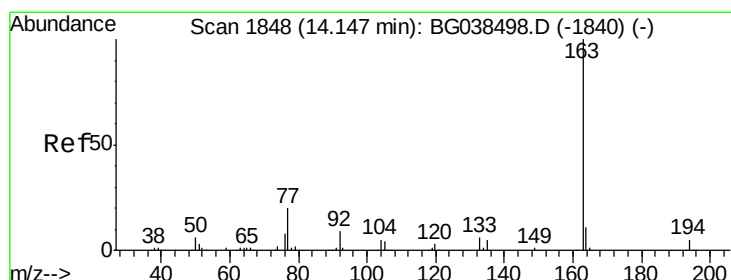
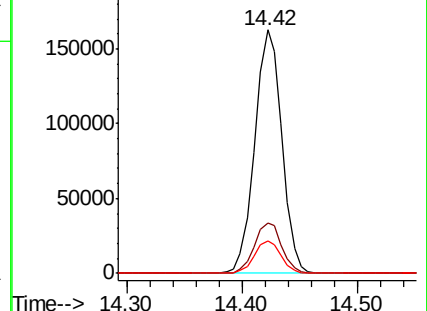
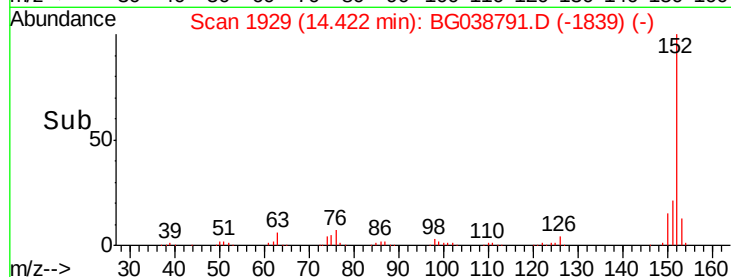
153 13.4 10.4 15.6



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: 39.582 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

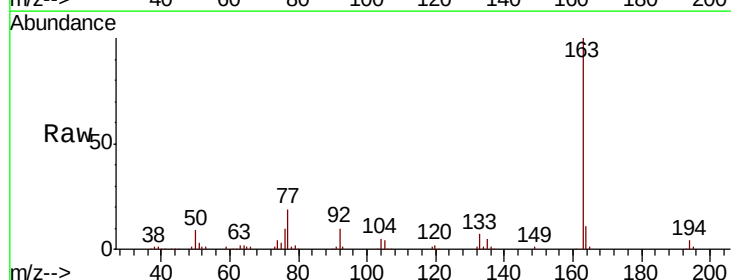
Tgt Ion:163 Resp: 211150

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

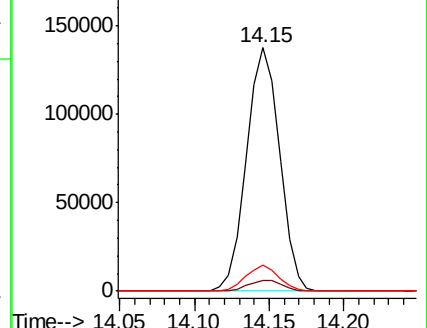
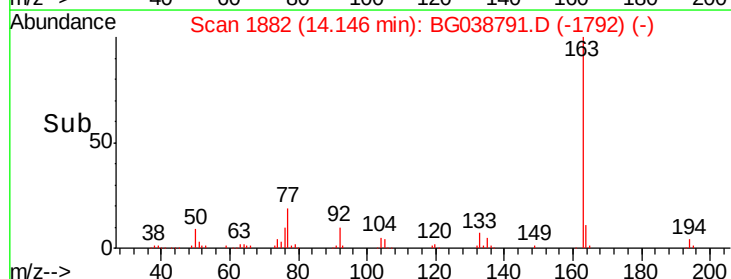
164 10.6 8.6 12.8

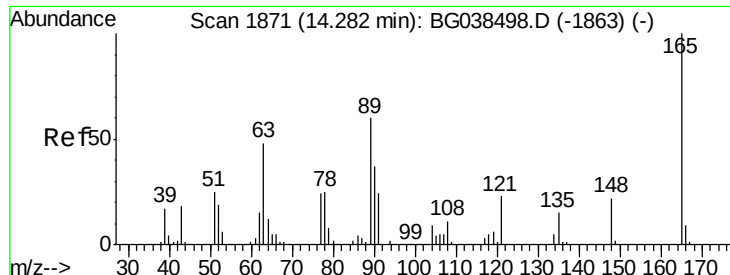


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

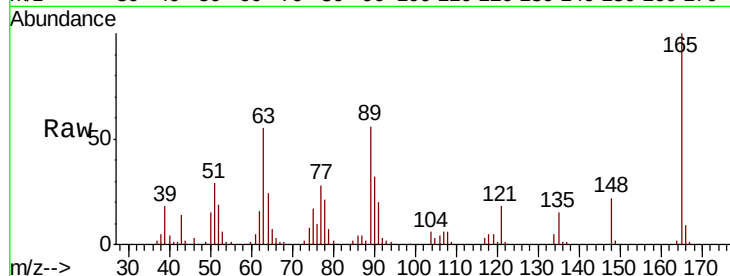




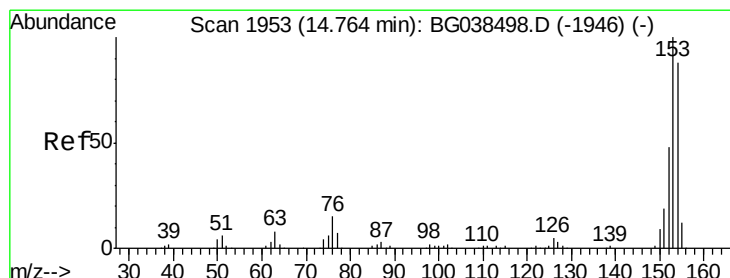
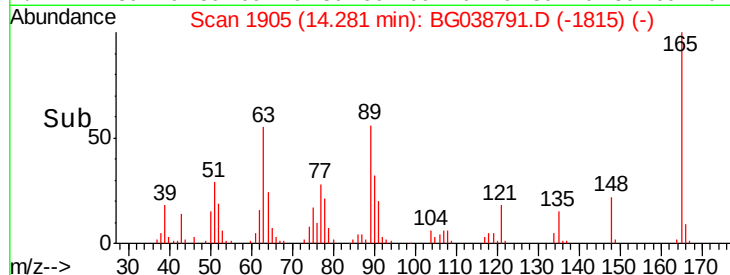
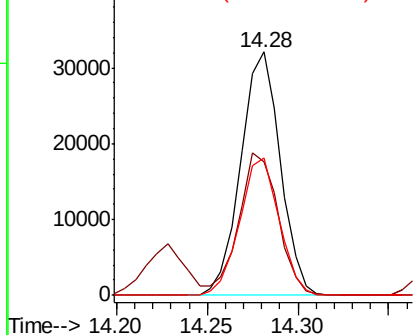
#51
 2,6-Dinitrotoluene
 Concen: 40.137 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BSD

Tgt Ion:165 Resp: 48521
 Ion Ratio Lower Upper
 165 100
 63 54.9 51.8 77.6
 89 56.4 47.9 71.9

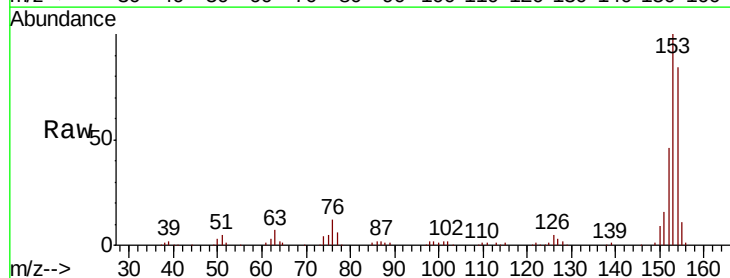


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

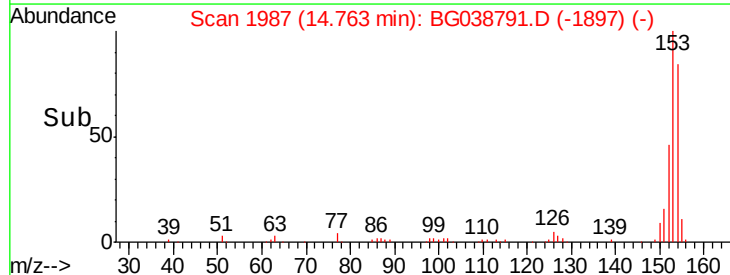
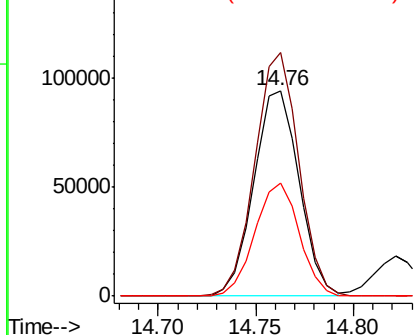


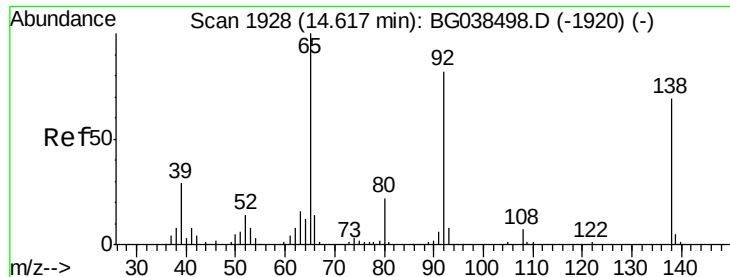
#52
 Acenaphthene
 Concen: 40.057 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Tgt Ion:154 Resp: 151472
 Ion Ratio Lower Upper
 154 100
 153 118.5 90.6 136.0
 152 55.1 43.5 65.3



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

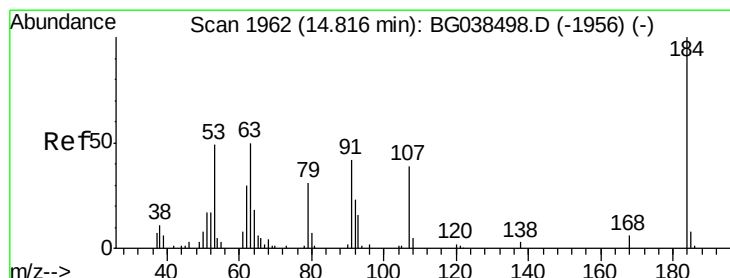
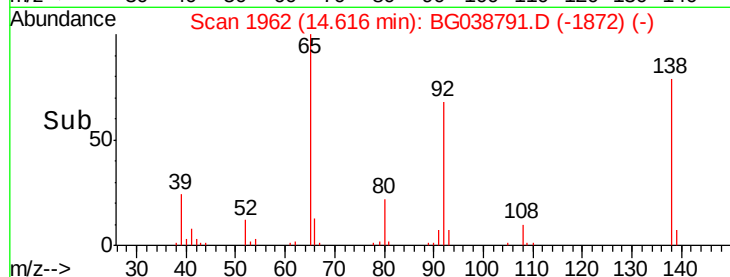
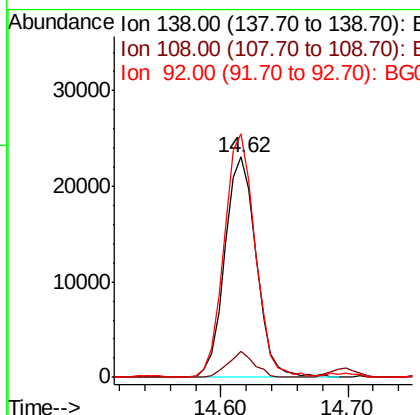
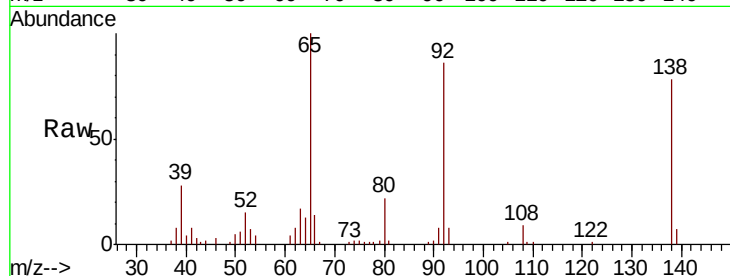




#53
 3-Nitroaniline
 Concen: 32.082 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

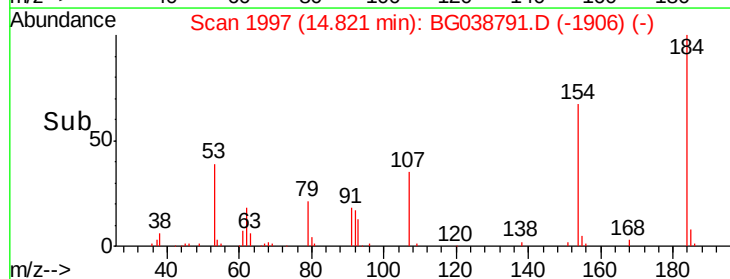
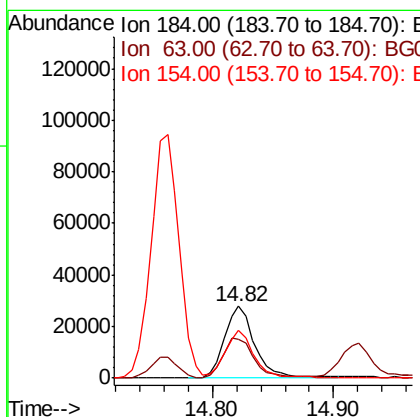
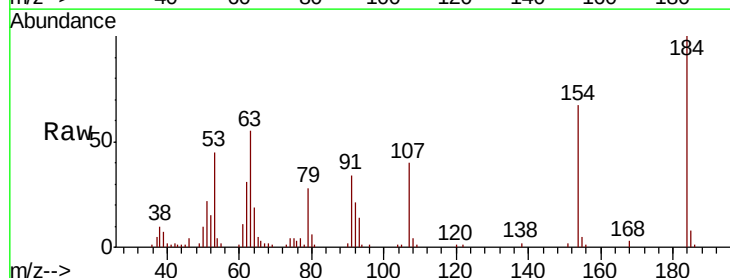
Instrument :
 BNA_G
 ClientSampleId :
 PB115909BSD

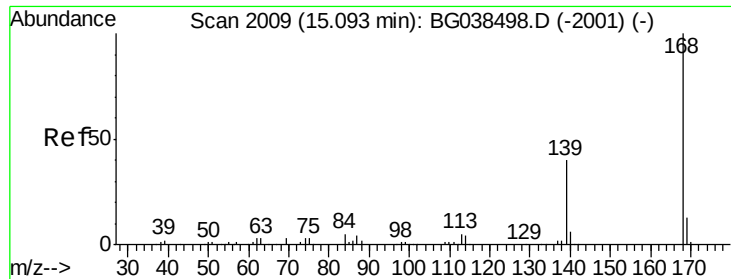
Tgt Ion:138 Resp: 39535
 Ion Ratio Lower Upper
 138 100
 108 12.1 7.9 11.9#
 92 110.6 95.3 142.9



#54
 2,4-Dinitrophenol
 Concen: 68.407 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Tgt Ion:184 Resp: 48627
 Ion Ratio Lower Upper
 184 100
 63 54.8 47.0 70.6
 154 66.9 50.3 75.5



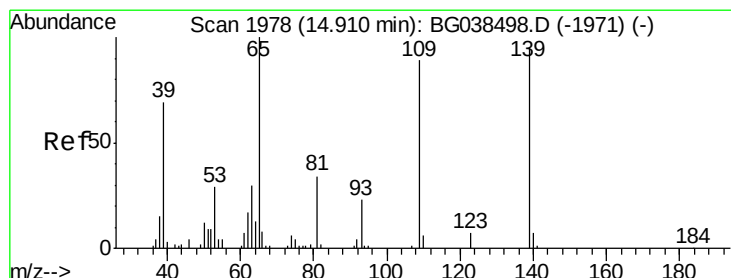
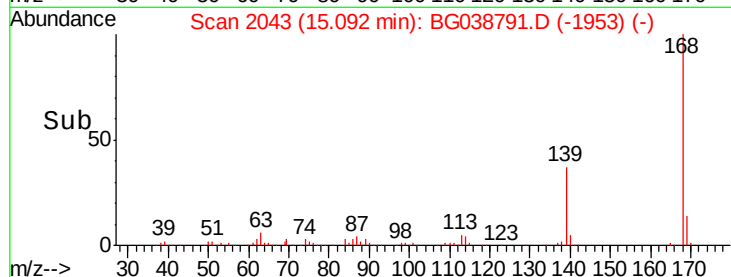
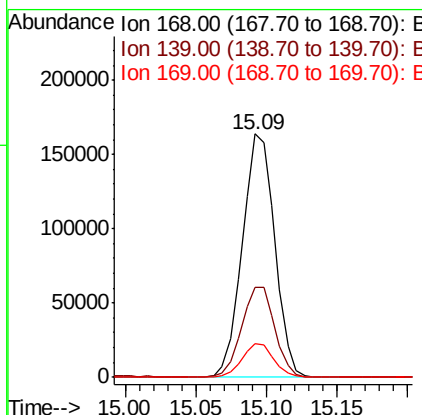
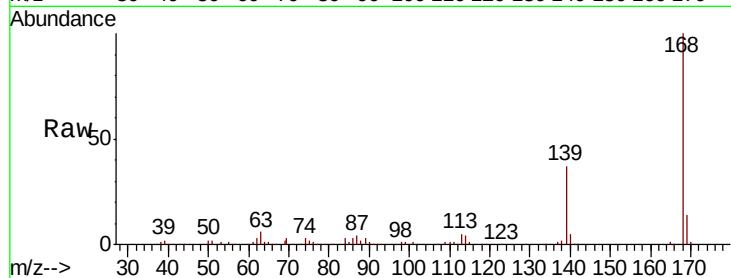


#55
Dibenzenofuran
Concen: 40.534 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Instrument :
BNA_G
ClientSampleId :
PB115909BSD

Tgt Ion:168 Resp: 262738

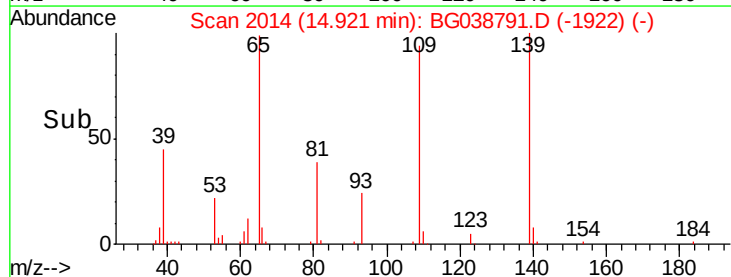
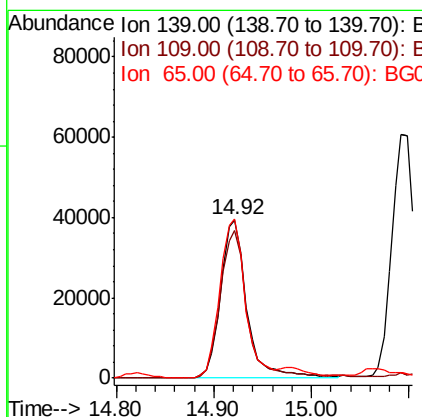
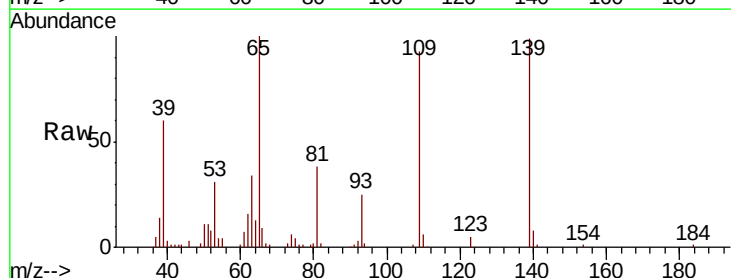
Ion	Ratio	Lower	Upper
168	100		
139	37.0	32.2	48.2
169	13.6	10.6	16.0

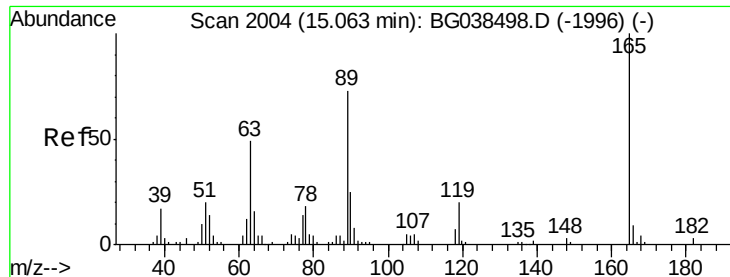


#56
4-Nitrophenol
Concen: 79.040 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Tgt Ion:139 Resp: 73892

Ion	Ratio	Lower	Upper
139	100		
109	93.6	73.6	113.6
65	100.8	84.8	124.8

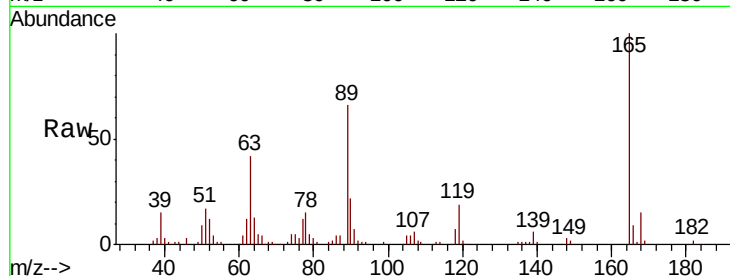




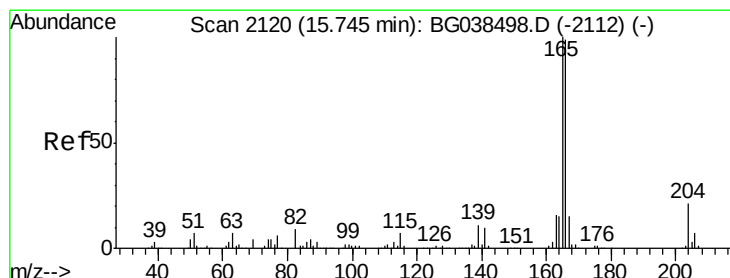
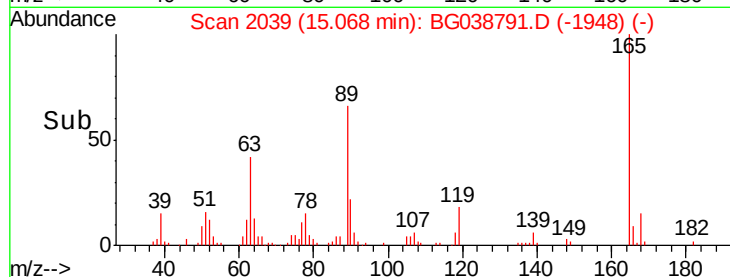
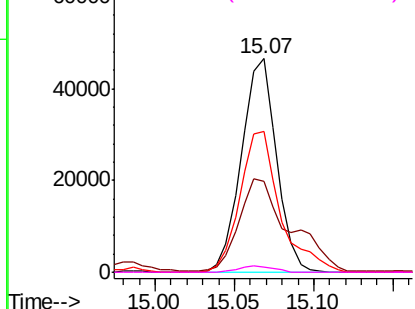
#57
2,4-Dinitrotoluene
Concen: 41.949 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Instrument :
BNA_G
ClientSampleId :
PB115909BSD

Tgt Ion:165 Resp: 71426
Ion Ratio Lower Upper
165 100
63 42.4 39.0 58.4
89 65.7 58.0 87.0
182 2.3 2.3 3.5

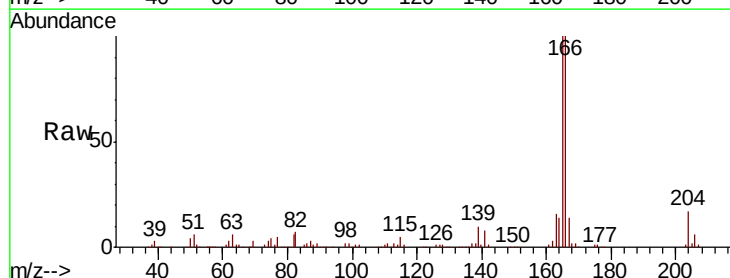


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

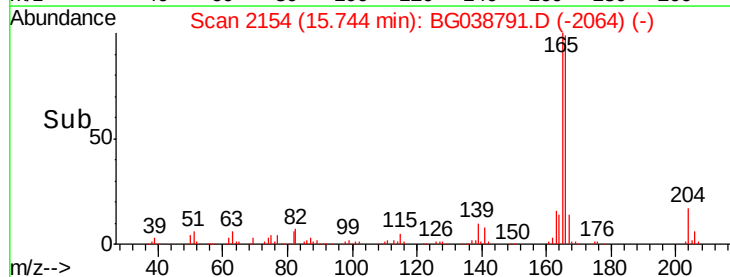
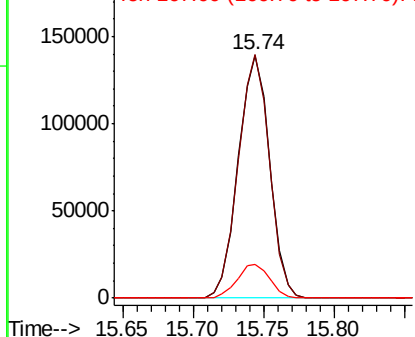


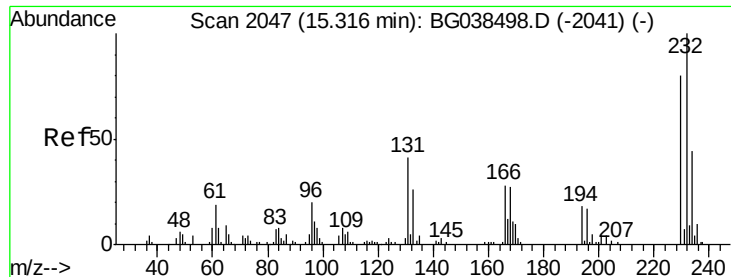
#58
Fluorene
Concen: 45.081 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Tgt Ion:166 Resp: 216492
Ion Ratio Lower Upper
166 100
165 100.3 80.6 120.8
167 13.8 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

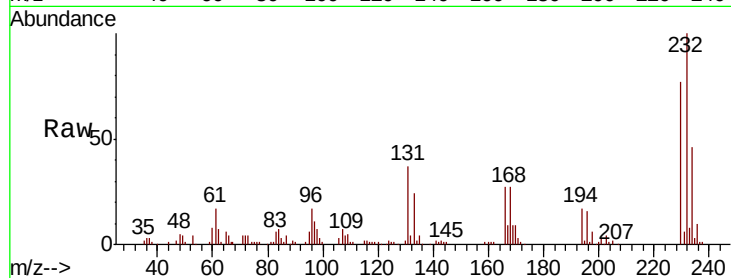




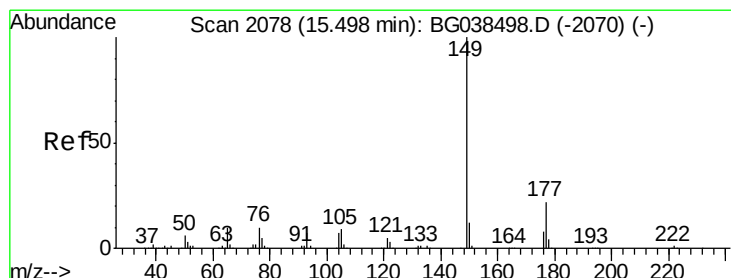
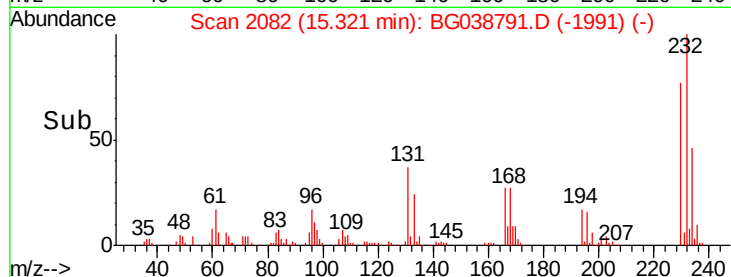
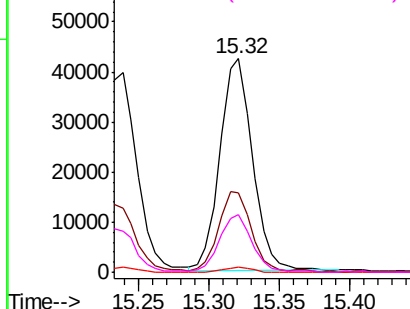
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.831 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.01 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Instrument :
BNA_G
ClientSampleId :
PB115909BSD

Tgt Ion:	232	Resp:	68405
Ion	Ratio	Lower	Upper
232	100		
131	38.9	33.0	49.4
130	2.1	2.0	3.0
166	27.3	23.1	34.7

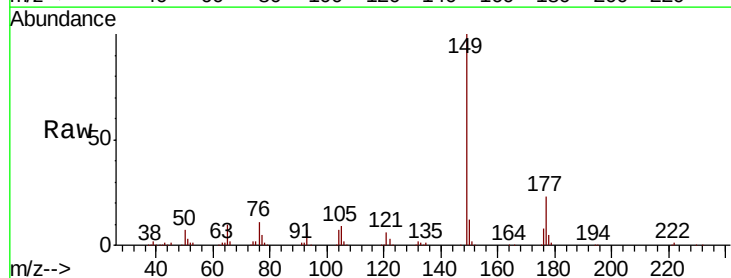


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

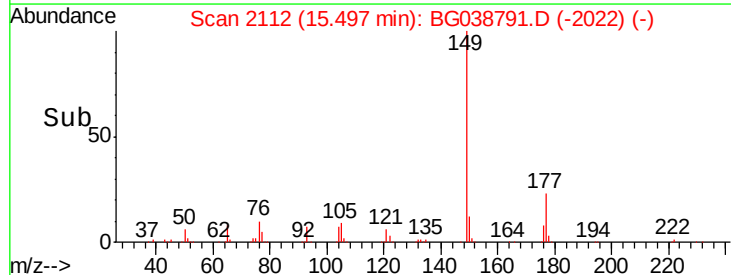
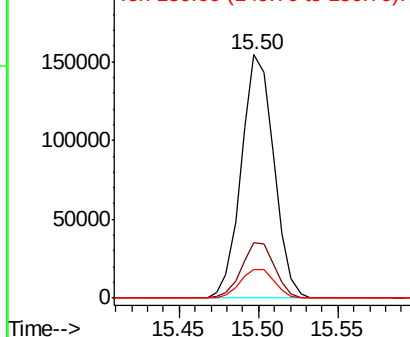


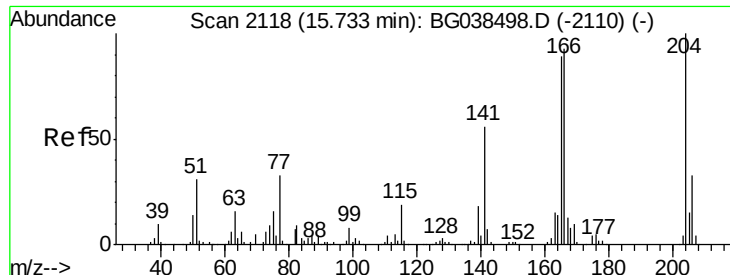
#60
Diethylphthalate
Concen: 37.524 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Tgt Ion:	149	Resp:	219742
Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.7	26.5
150	11.9	9.9	14.9



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

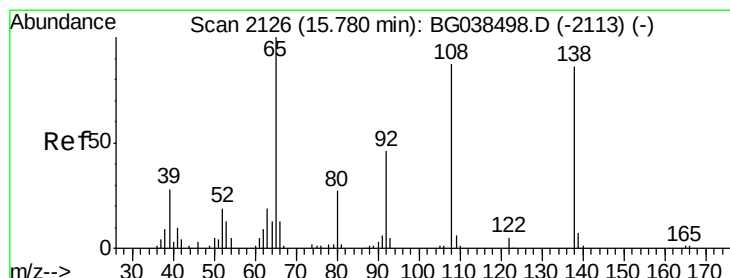
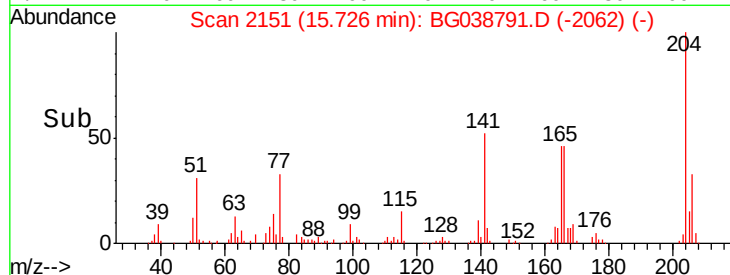
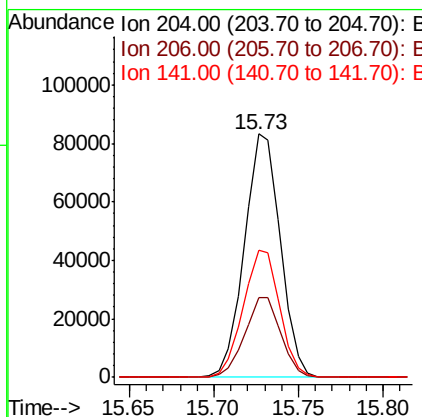
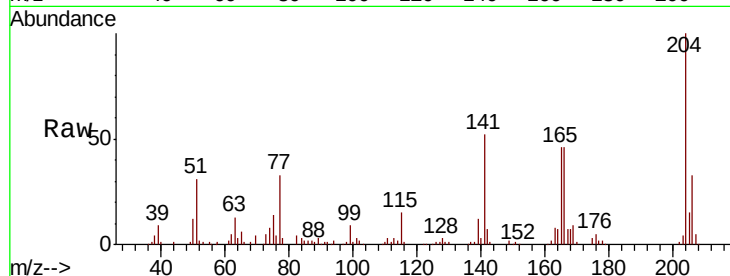




#61
 4-Chlorophenyl-phenylether
 Concen: 41.029 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

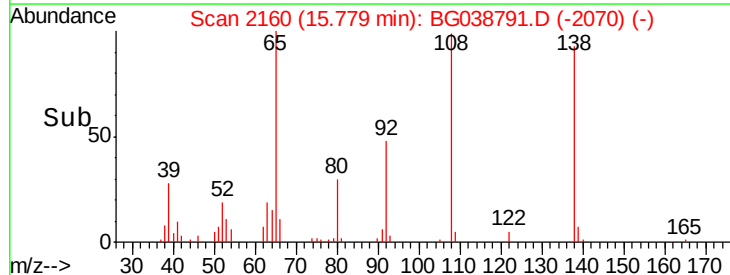
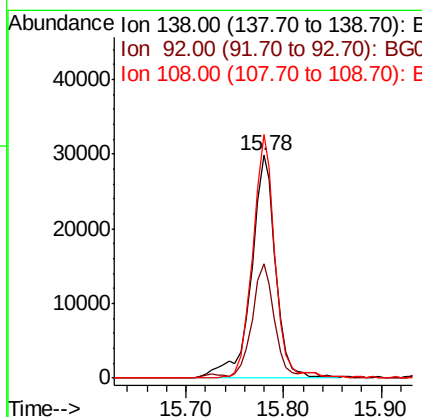
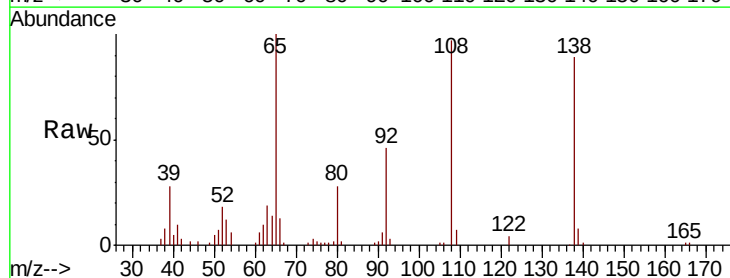
Instrument :
 BNA_G
 ClientSampleId :
 PB115909BSD

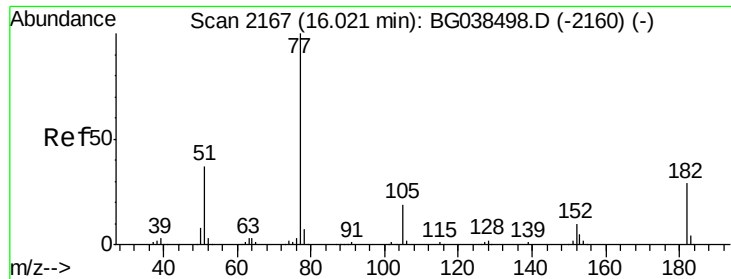
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.0	39.0
141	52.1	44.4	66.6



#62
 4-Nitroaniline
 Concen: 41.177 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	33.3	73.3
108	109.2	81.4	121.4





#63

Azobenzene

Concen: 37.788 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB115909BSD

Tgt Ion: 77 Resp: 184865

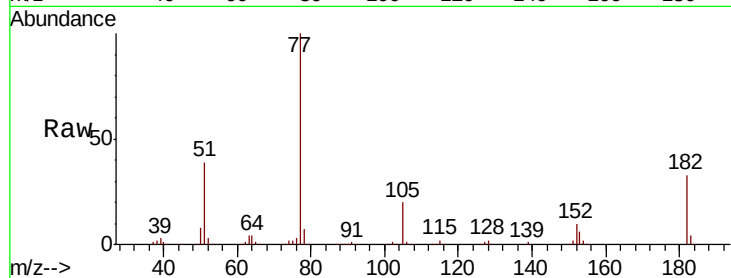
Ion Ratio Lower Upper

77 100

182 32.8 8.7 48.7

105 20.2 0.0 38.7

51 38.7 16.6 56.6

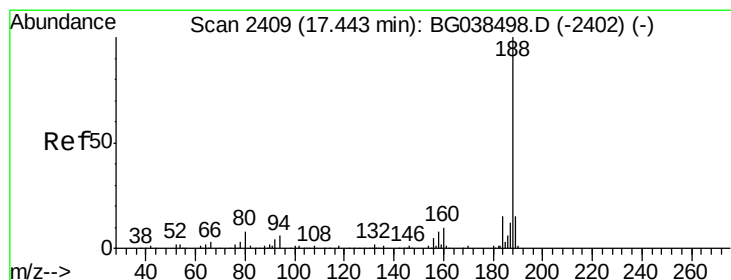
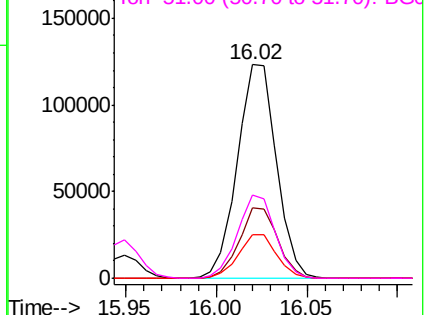
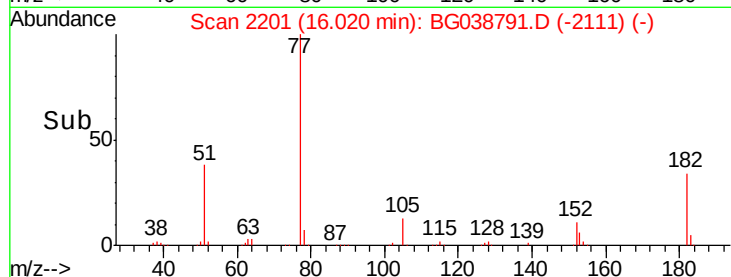


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

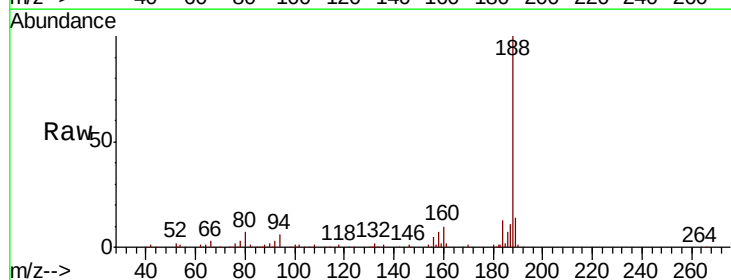
Tgt Ion: 188 Resp: 171849

Ion Ratio Lower Upper

188 100

94 5.8 5.1 7.7

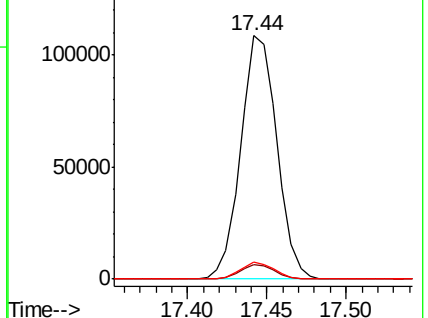
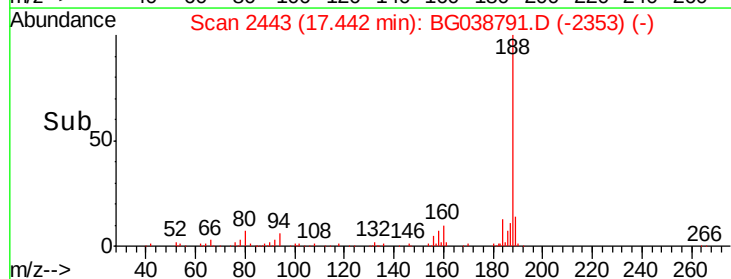
80 7.2 6.1 9.1

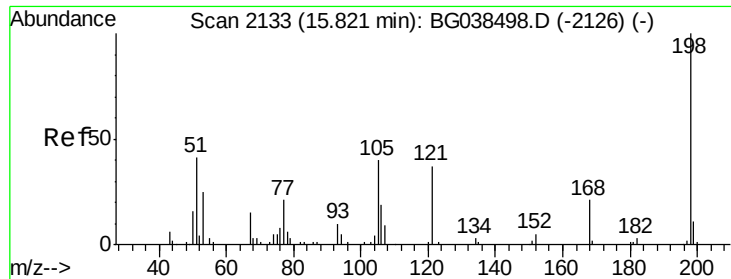


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

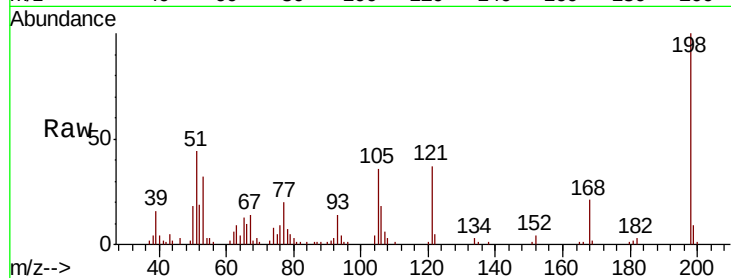




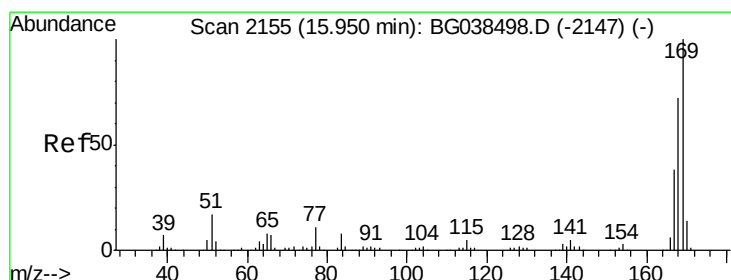
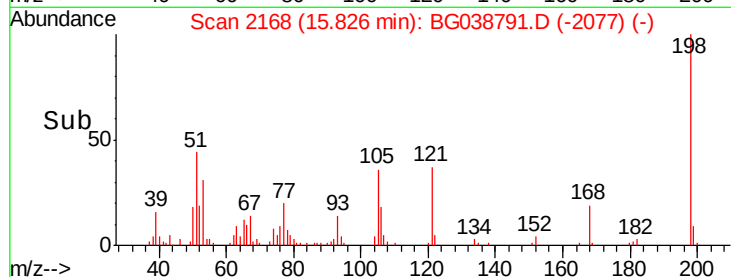
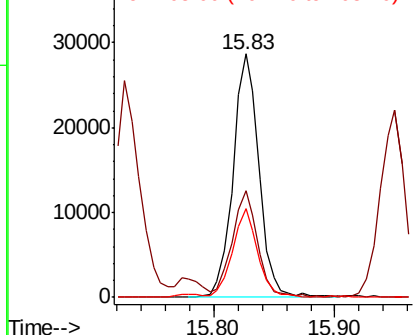
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.914 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.01 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BSD

Tgt Ion	Ratio	Lower	Upper
198	100		
51	43.8	28.6	68.6
105	36.4	20.4	60.4

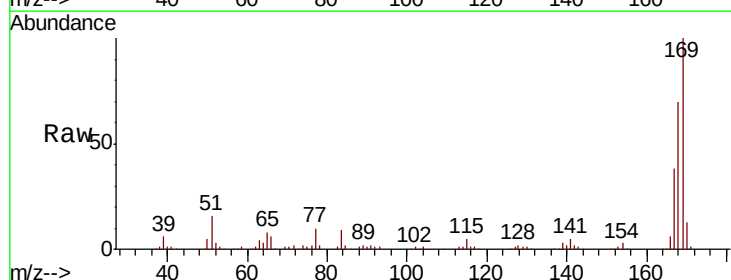


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

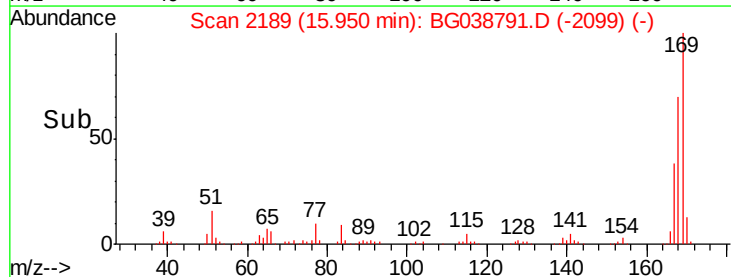
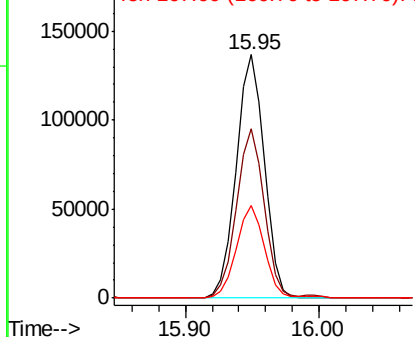


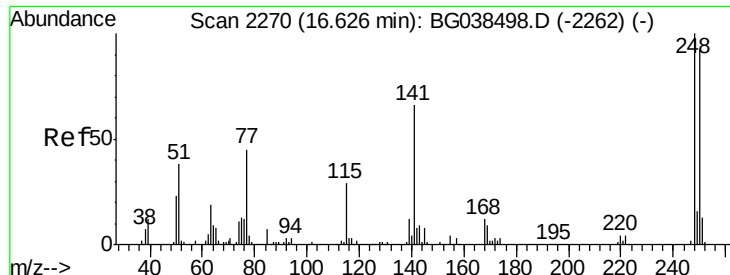
#66
 n-Nitrosodiphenylamine
 Concen: 39.413 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.6	57.5	86.3
167	38.1	30.2	45.2



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

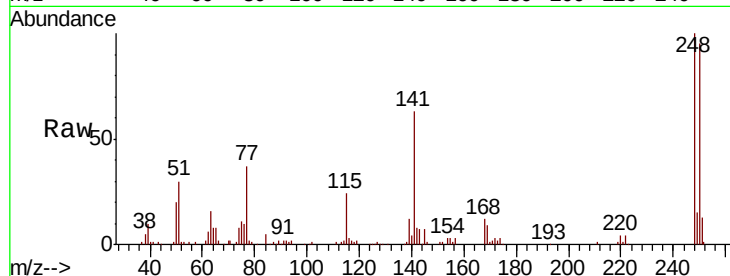




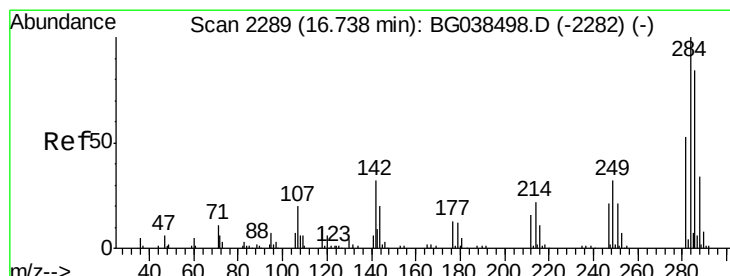
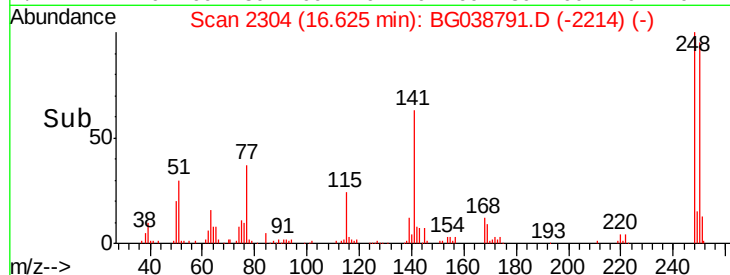
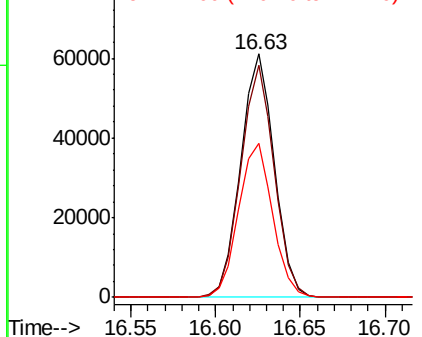
#67
 4-Bromophenyl-phenylether
 Concen: 40.405 ng
 RT: 16.63 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BSD

Tgt Ion:248 Resp: 84801
 Ion Ratio Lower Upper
 248 100
 250 95.2 73.4 110.2
 141 63.2 52.9 79.3

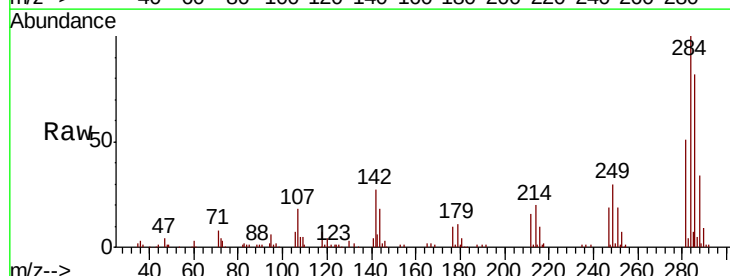


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

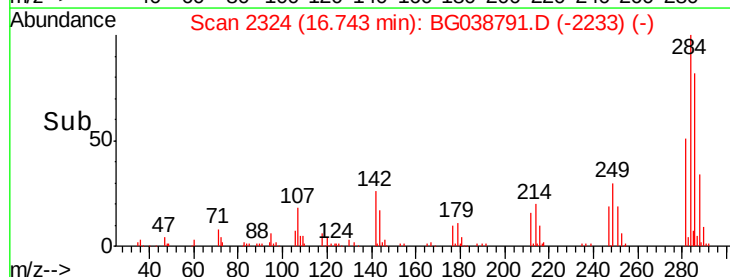
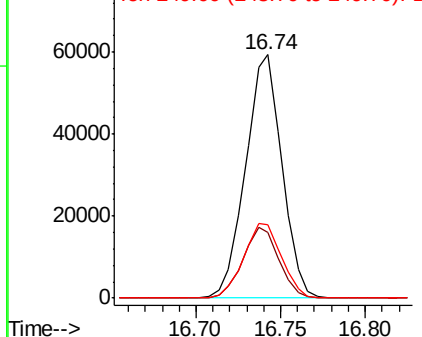


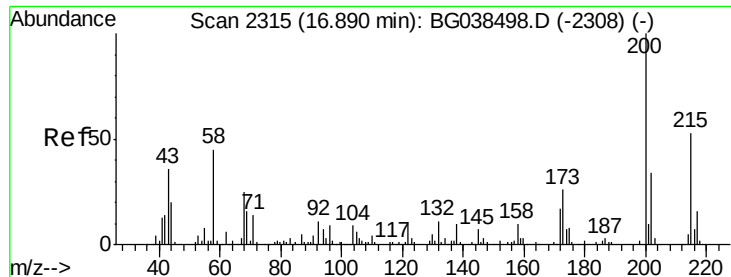
#68
 Hexachlorobenzene
 Concen: 40.856 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. 0.01 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Tgt Ion:284 Resp: 88887
 Ion Ratio Lower Upper
 284 100
 142 27.1 25.8 38.6
 249 32.3 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

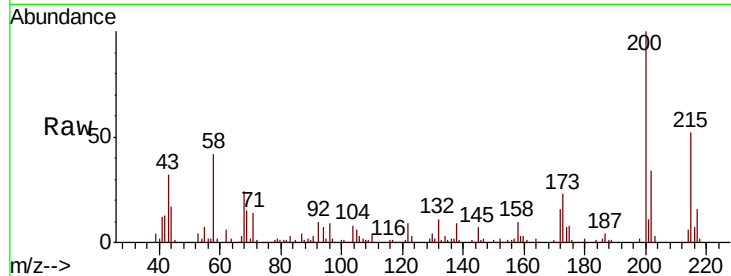




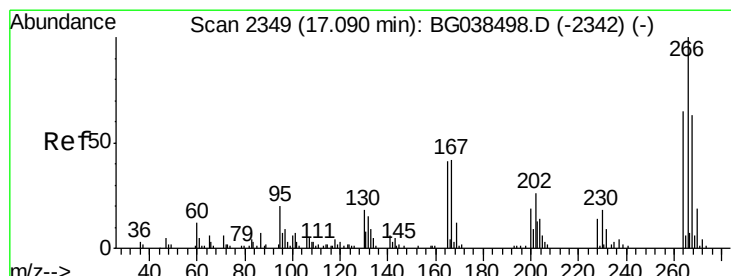
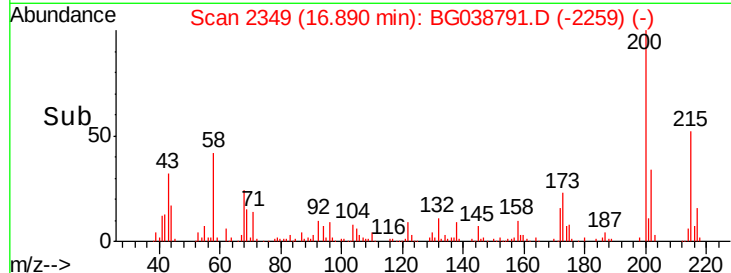
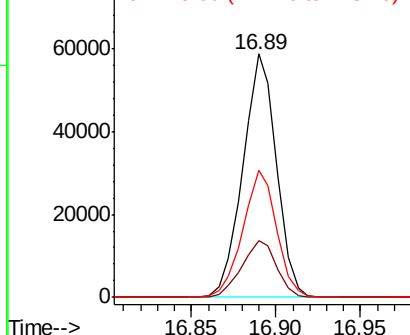
#69
 Atrazine
 Concen: 43.277 ng
 RT: 16.89 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BSD

Tgt Ion:200 Resp: 81094
 Ion Ratio Lower Upper
 200 100
 173 23.2 5.9 45.9
 215 52.5 33.1 73.1

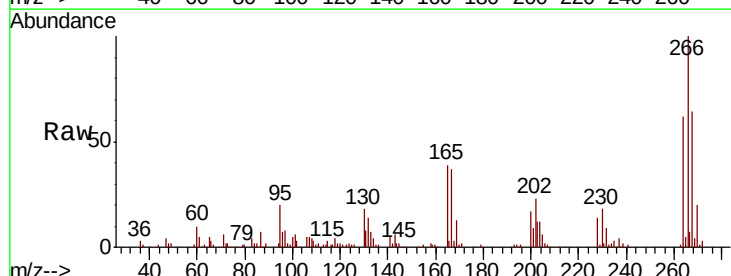


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

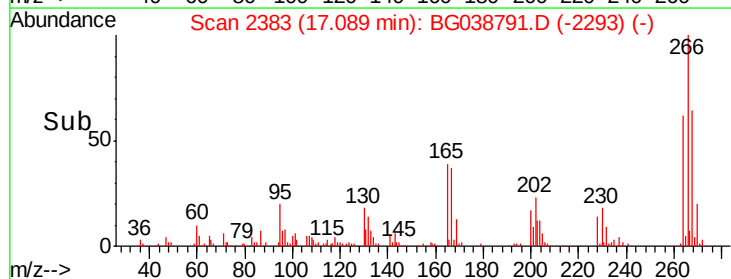
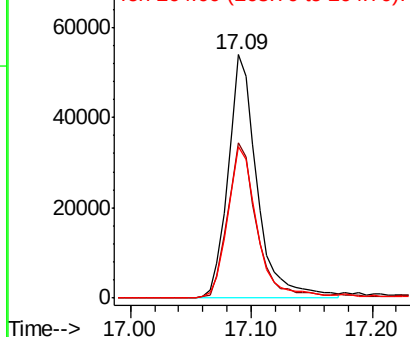


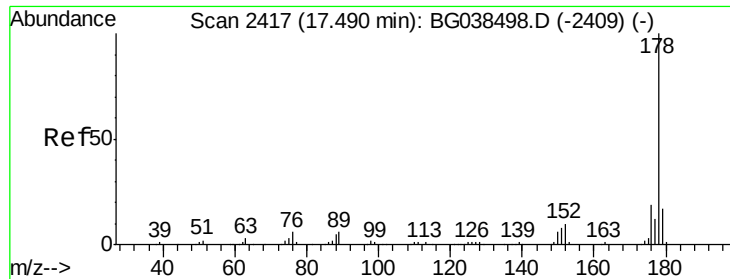
#70
 Pentachlorophenol
 Concen: 70.128 ng
 RT: 17.09 min Scan# 2383
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Tgt Ion:266 Resp: 90244
 Ion Ratio Lower Upper
 266 100
 268 67.9 55.0 82.6
 264 66.7 56.7 85.1



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

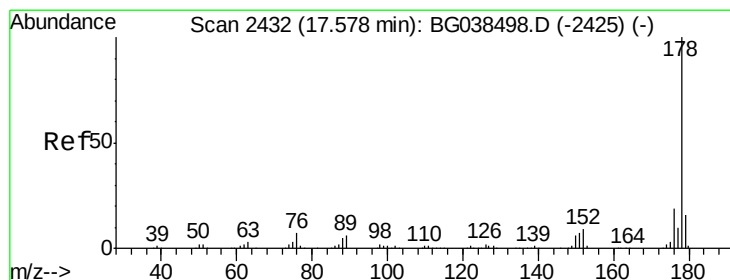
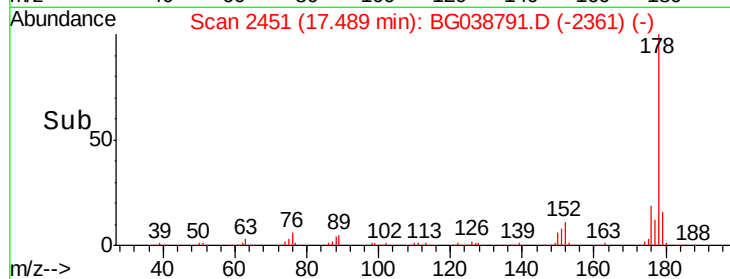
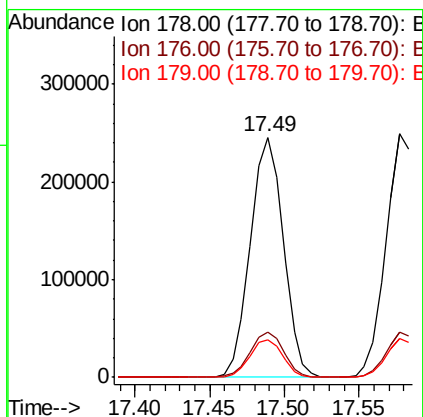
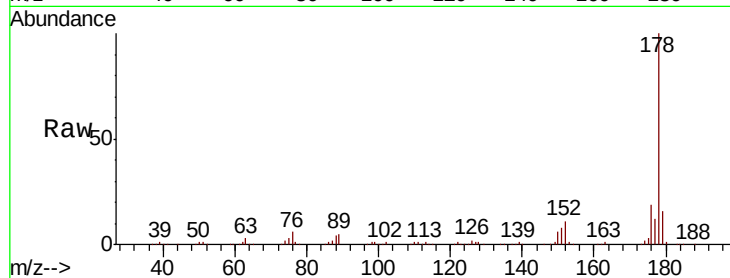




#71
 Phenanthrene
 Concen: 42.176 ng
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

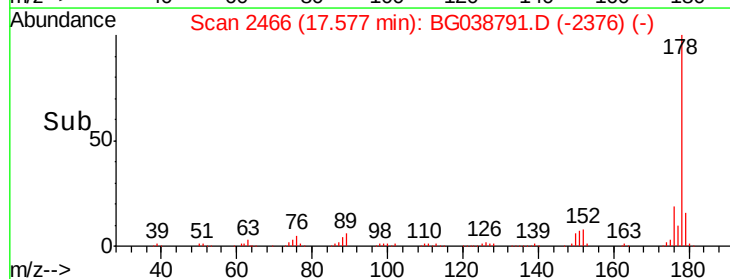
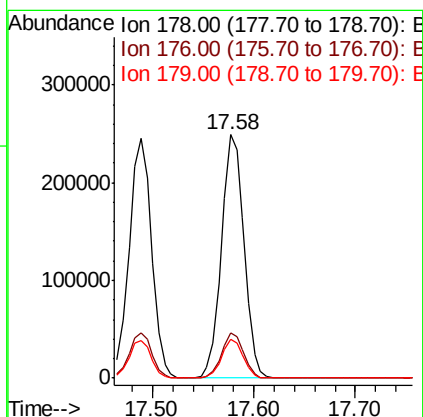
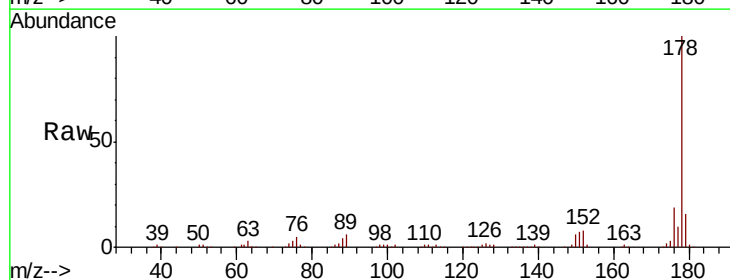
Instrument :
 BNA_G
 ClientSampleId :
 PB115909BSD

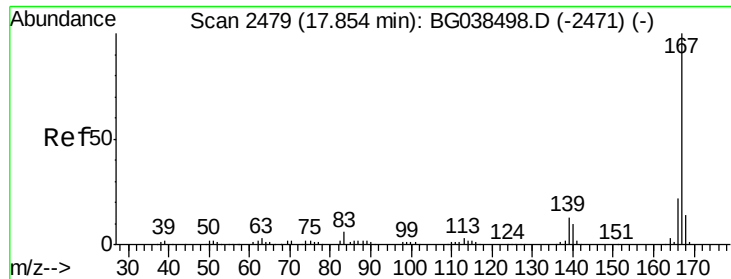
Tgt Ion:178 Resp: 375850
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.1 22.7
 179 15.9 13.2 19.8



#72
 Anthracene
 Concen: 43.755 ng
 RT: 17.58 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Tgt Ion:178 Resp: 384935
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.1 22.7
 179 16.2 12.9 19.3

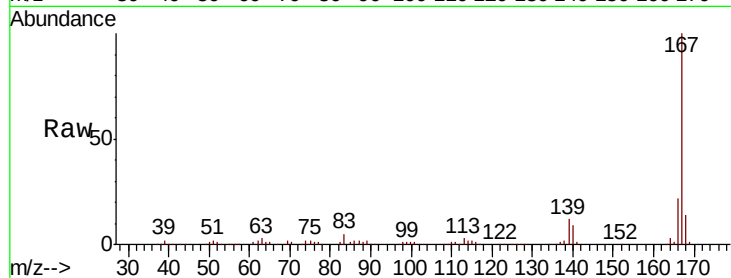




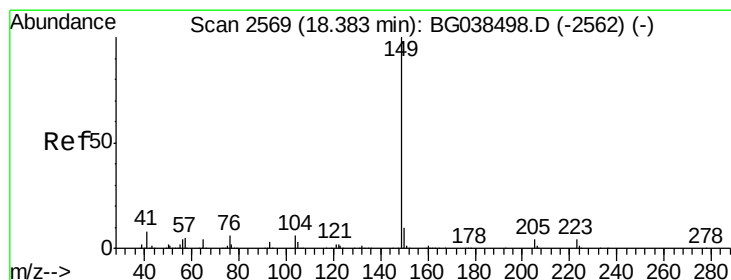
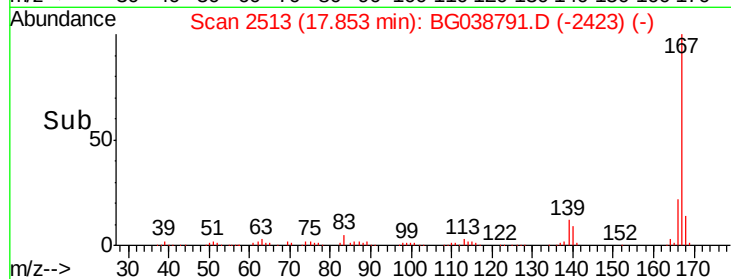
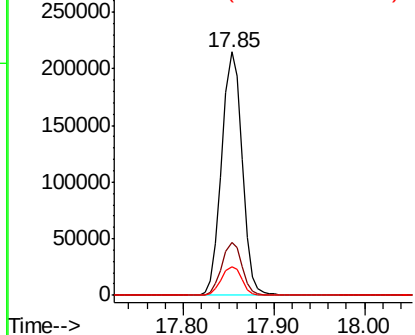
#73
 Carbazole
 Concen: 38.822 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BSD

Tgt Ion:167 Resp: 337777
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.9 26.9
 139 11.9 10.2 15.2

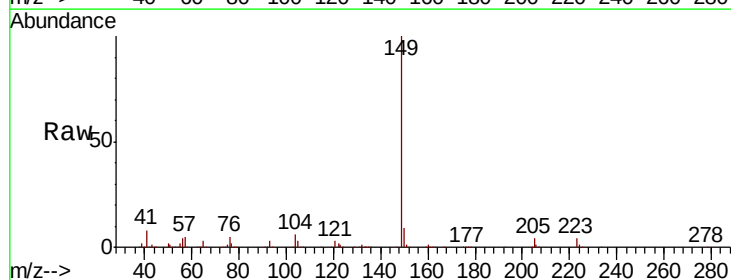


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

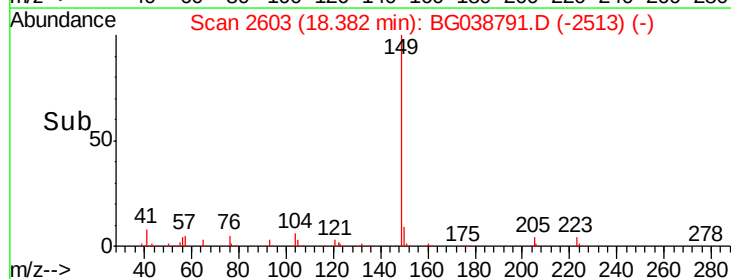
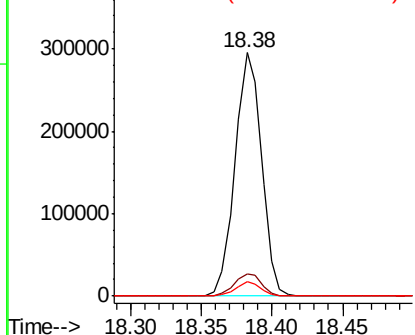


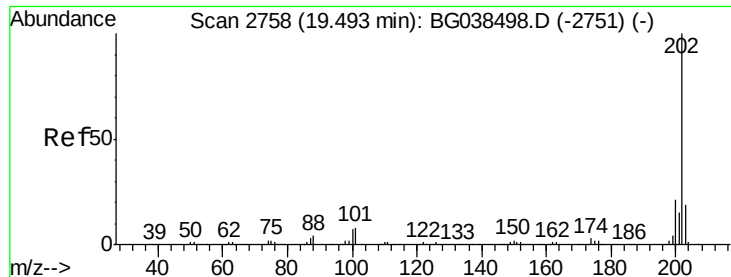
#74
 Di-n-butylphthalate
 Concen: 38.670 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Tgt Ion:149 Resp: 386058
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 5.7 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

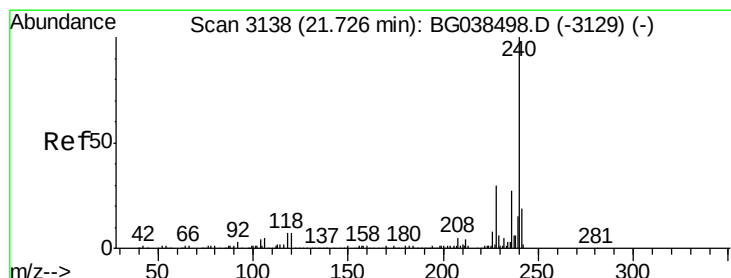
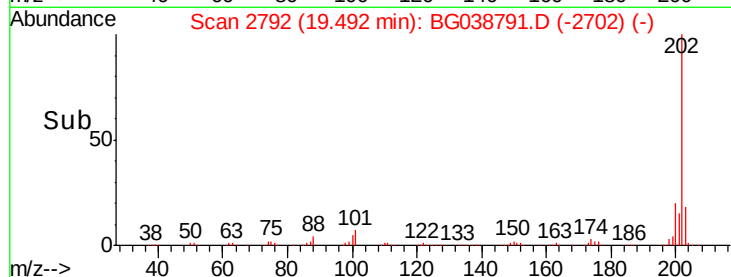
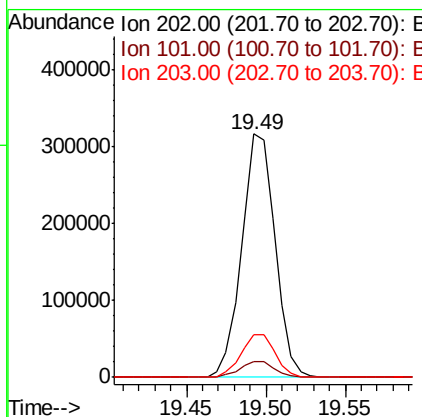
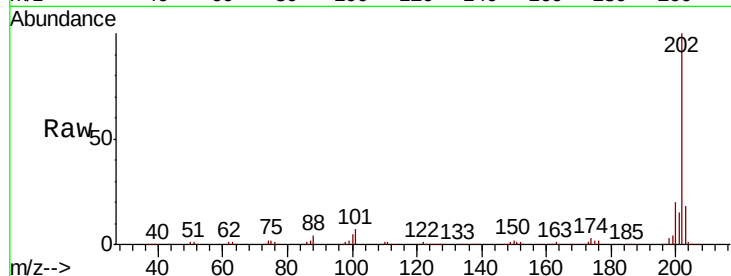




#75
 Fluoranthene
 Concen: 41.901 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

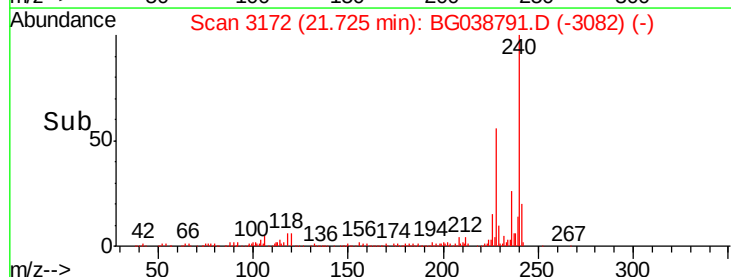
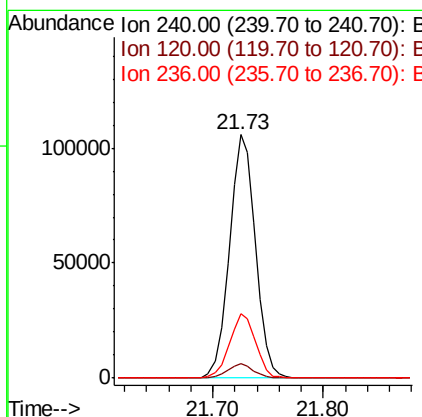
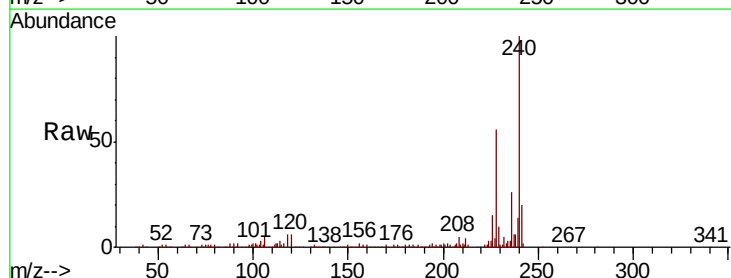
Instrument :
 BNA_G
 ClientSampleId :
 PB115909BSD

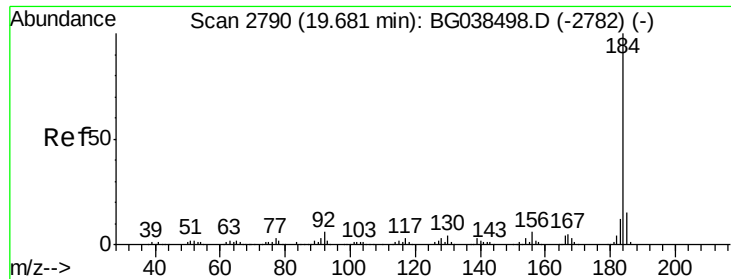
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	28.1
203	17.7	0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038791.D
 Acq: 21 Dec 2018 18:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.3	7.9
236	26.5	21.4	32.2





#77

Benzidine

Concen: 39.879 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB115909BSD

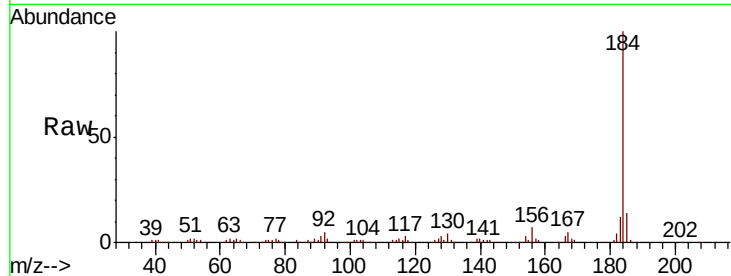
Tgt Ion:184 Resp: 204884

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.2

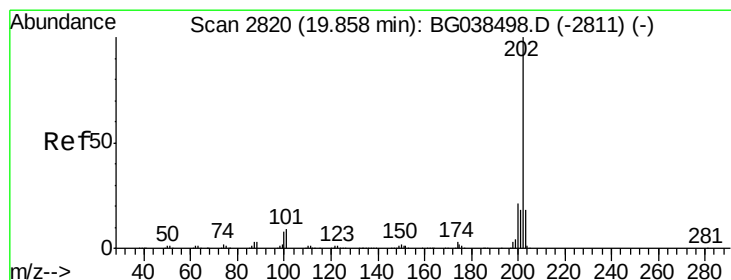
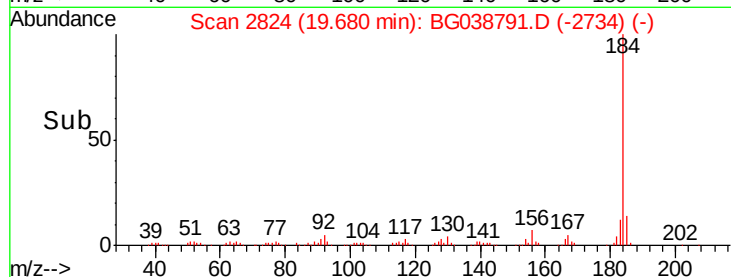
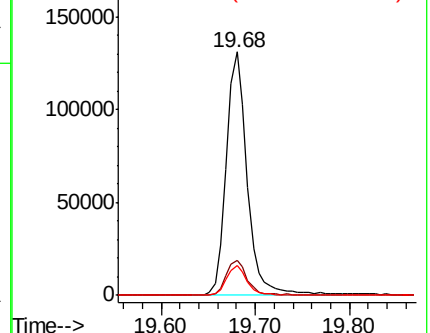
183 12.2 9.6 14.4



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: 40.379 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

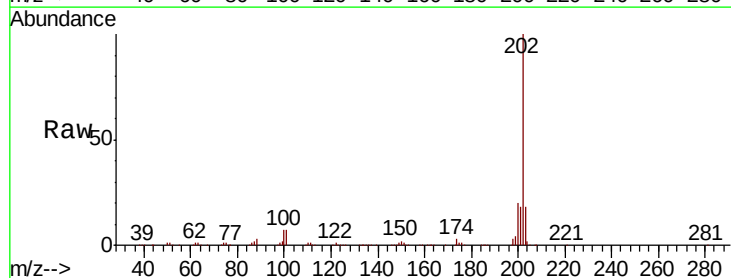
Tgt Ion:202 Resp: 463416

Ion Ratio Lower Upper

202 100

200 20.1 16.6 25.0

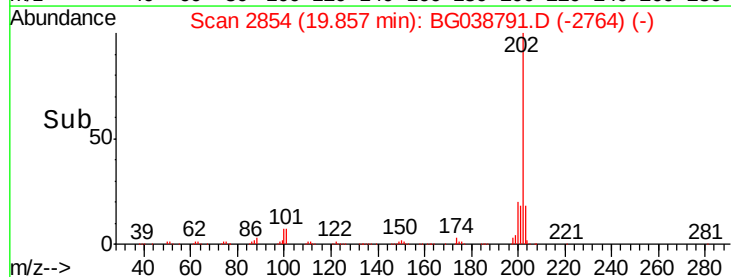
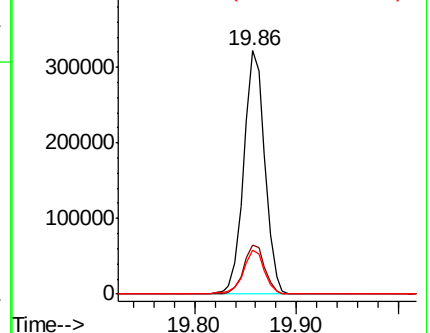
203 18.1 14.6 21.8

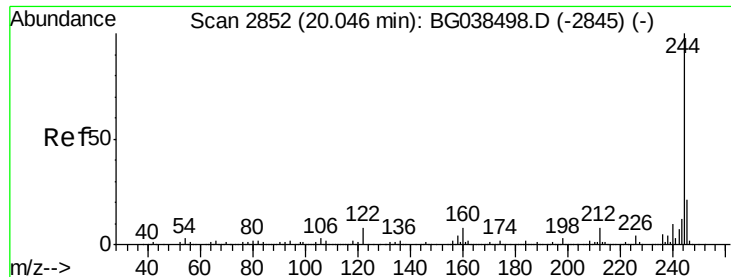


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.718 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB115909BSD

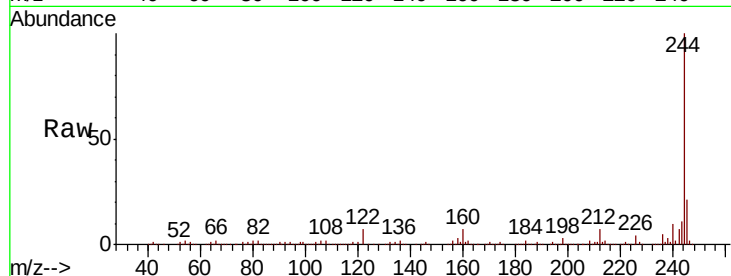
Tgt Ion:244 Resp: 612391

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

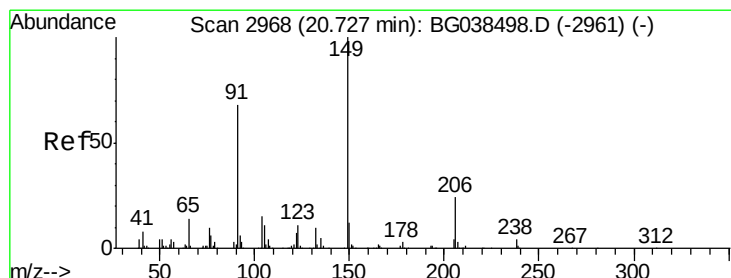
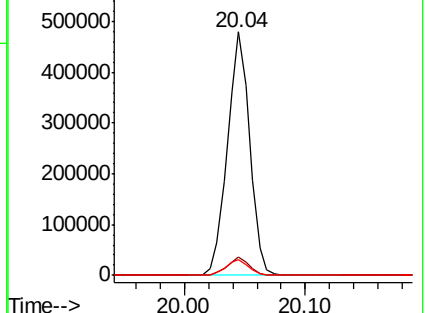
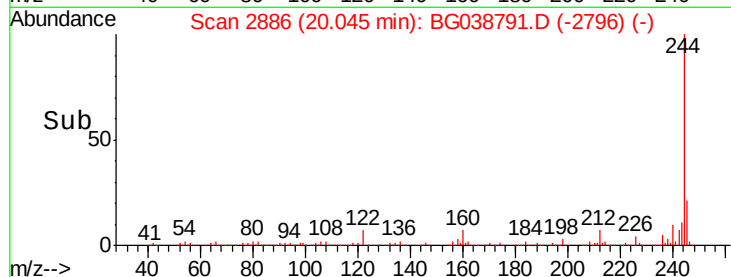
122 6.7 6.3 9.5



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: 38.367 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

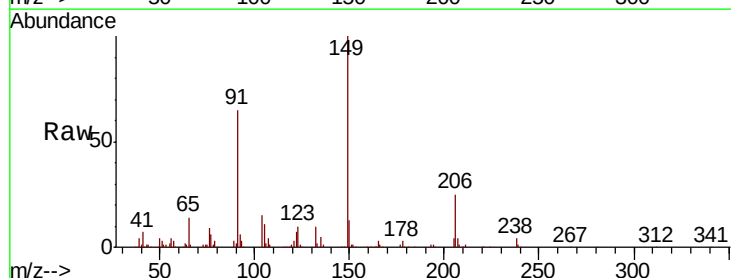
Tgt Ion:149 Resp: 172030

Ion Ratio Lower Upper

149 100

91 65.4 54.5 81.7

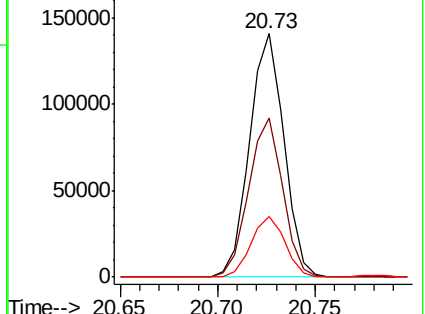
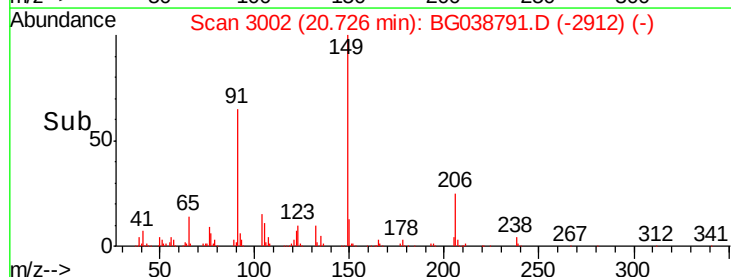
206 24.9 19.0 28.6

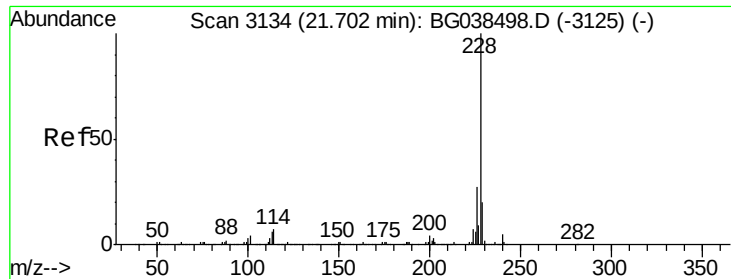


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

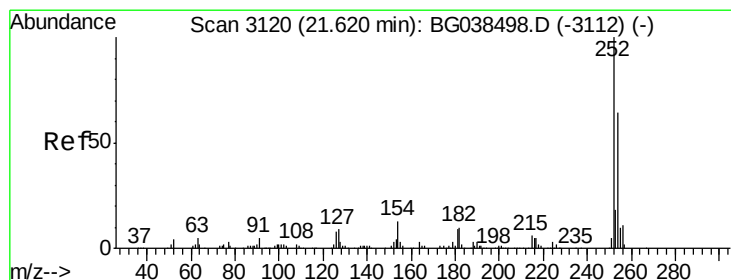
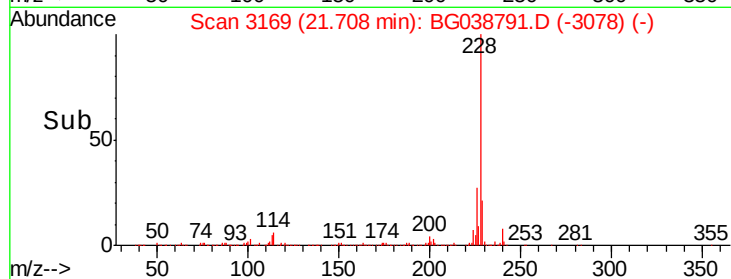
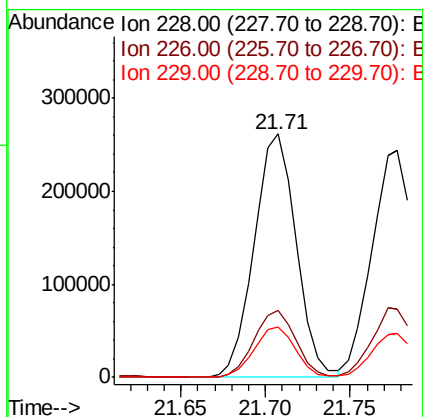
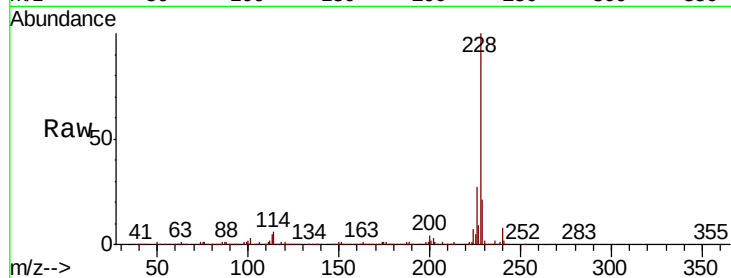




#81
Benzo(a)anthracene
Concen: 42.764 ng
RT: 21.71 min Scan# 3169
Delta R.T. 0.01 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

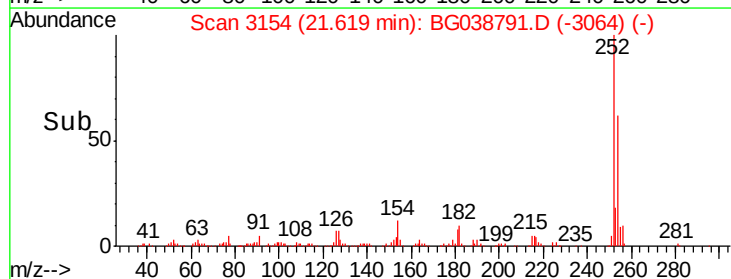
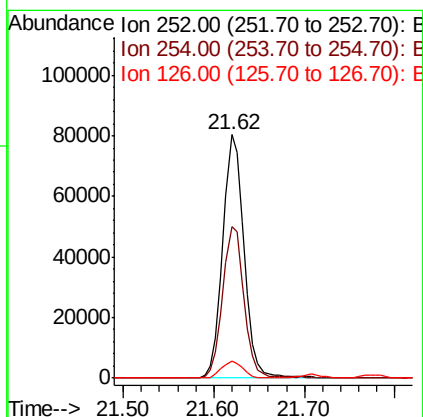
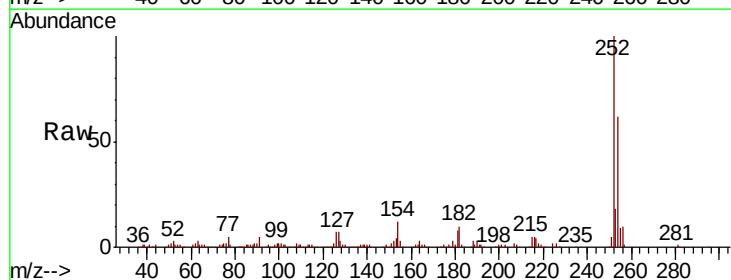
Instrument :
BNA_G
ClientSampleId :
PB115909BSD

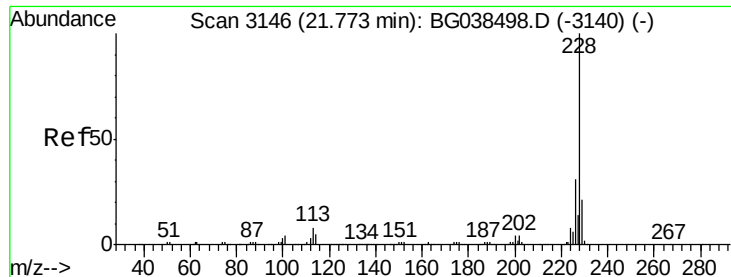
Tgt Ion:228 Resp: 452687
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 31.252 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Tgt Ion:252 Resp: 131207
Ion Ratio Lower Upper
252 100
254 62.1 50.9 76.3
126 7.2 6.3 9.5





#83

Chrysene

Concen: 41.438 ng

RT: 21.78 min Scan# 3181

Delta R.T. 0.01 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB115909BSD

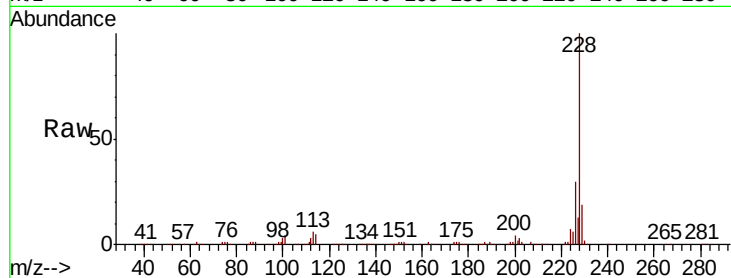
Tgt Ion:228 Resp: 422509

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.4

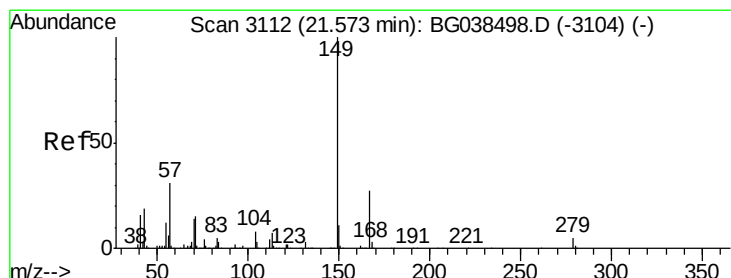
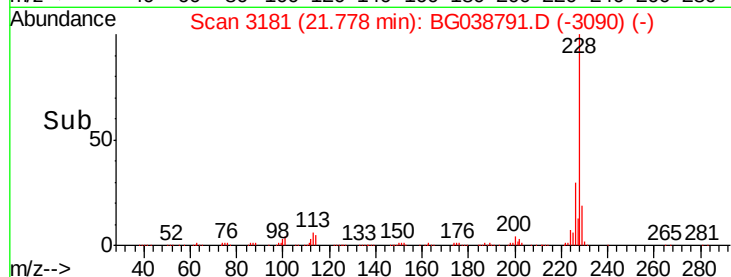
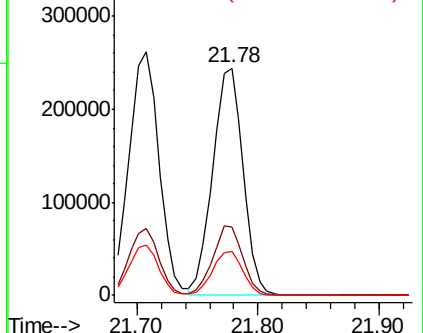
229 19.4 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.533 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

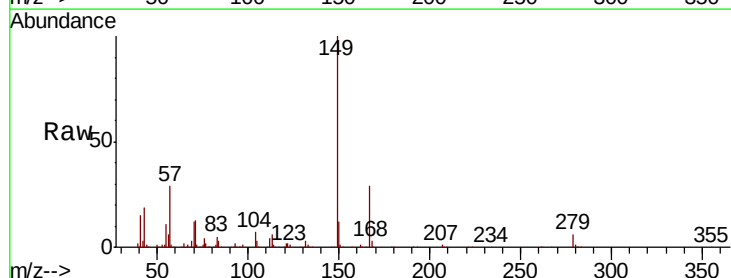
Tgt Ion:149 Resp: 238677

Ion Ratio Lower Upper

149 100

167 29.0 21.9 32.9

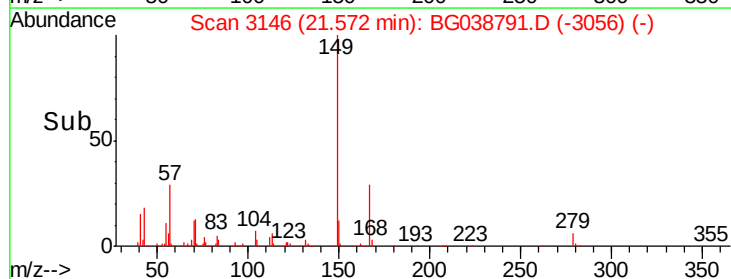
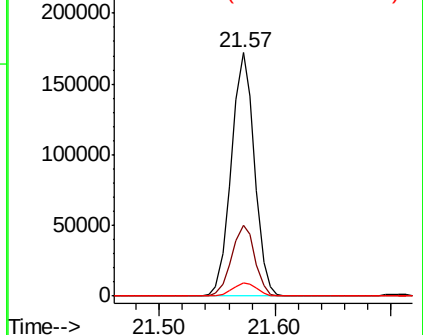
279 5.6 4.2 6.2

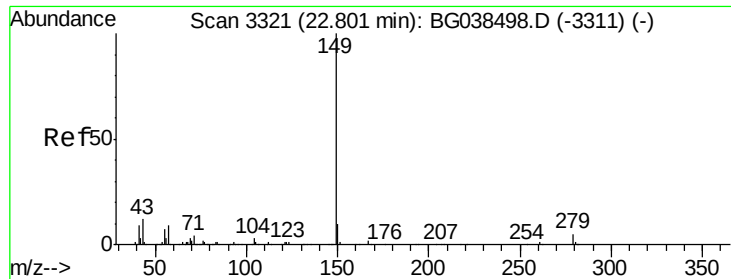


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

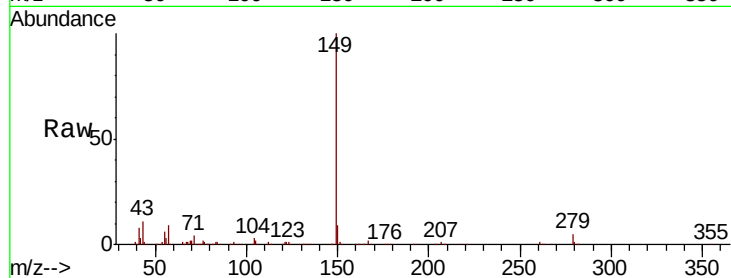




#85
Di-n-octyl phthalate
Concen: 38.255 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Instrument :
BNA_G
ClientSampleId :
PB115909BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.3	9.3	13.9

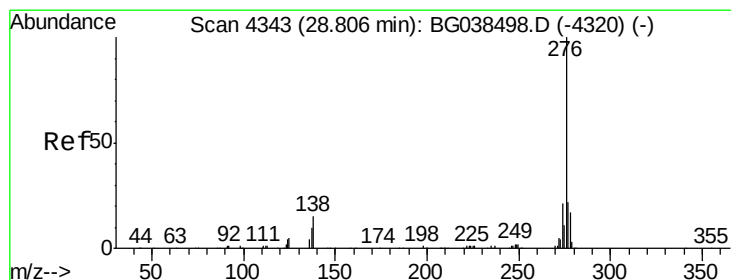
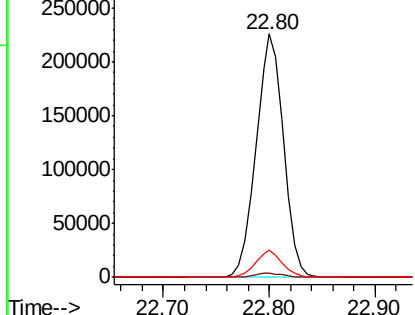
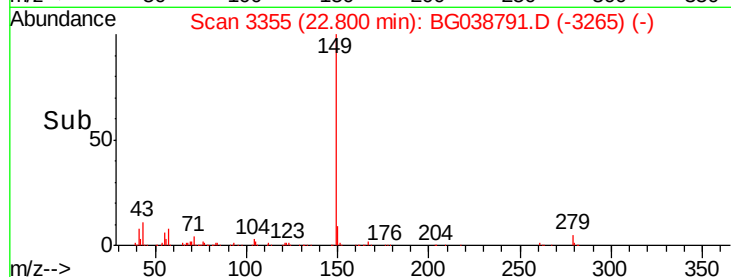


Abundance

Ion 149.00 (148.70 to 149.70): E

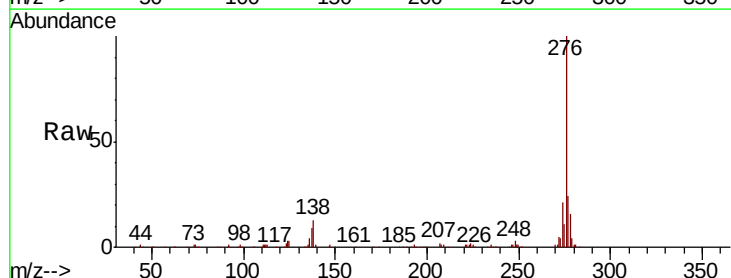
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.729 ng
RT: 28.82 min Scan# 4379
Delta R.T. 0.01 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.2	14.4	21.6#
277	25.6	0.0	0.0#

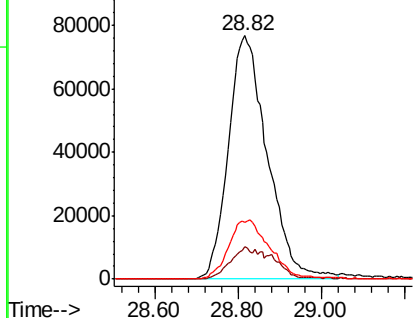
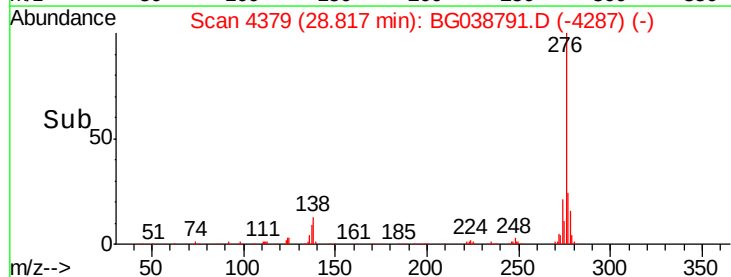


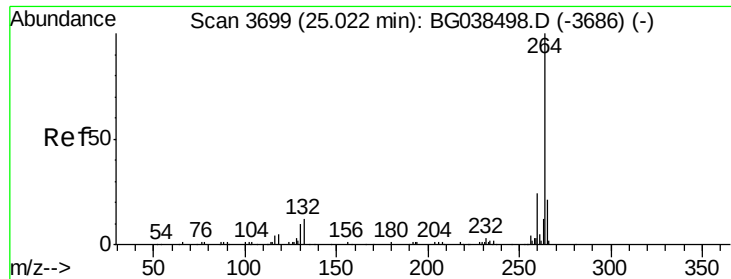
Abundance

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: 25.03 min Scan# 3734

Delta R.T. 0.01 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB115909BSD

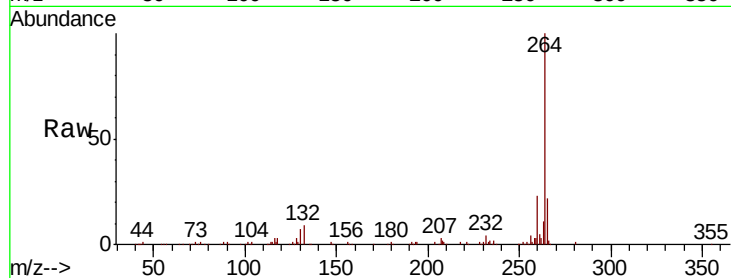
Tgt Ion:264 Resp: 181040

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.5 17.0 25.4

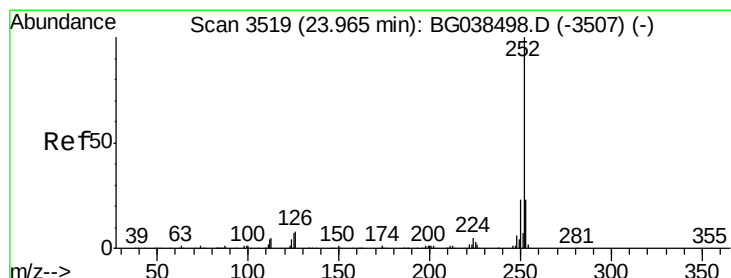
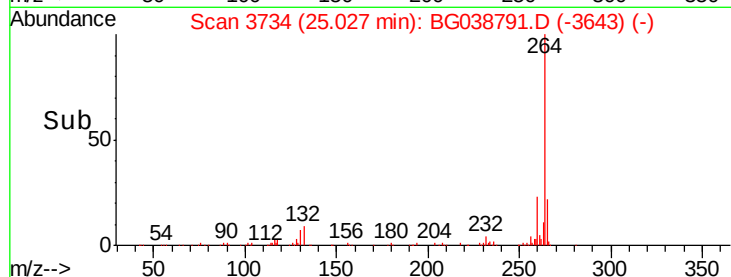
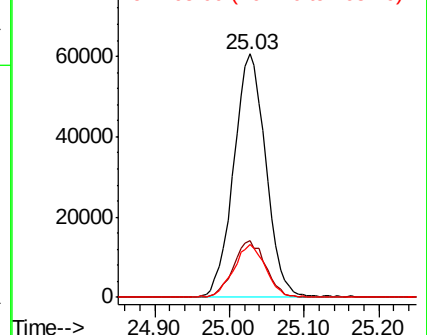


Abundance

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: 44.651 ng

RT: 23.98 min Scan# 3555

Delta R.T. 0.01 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

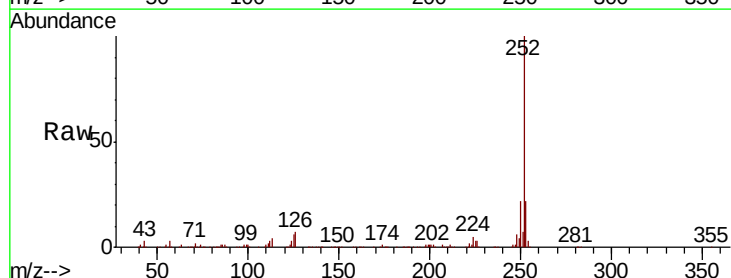
Tgt Ion:252 Resp: 443827

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

125 5.9 5.5 8.3

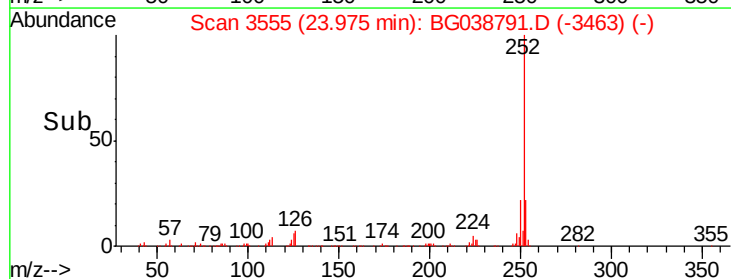
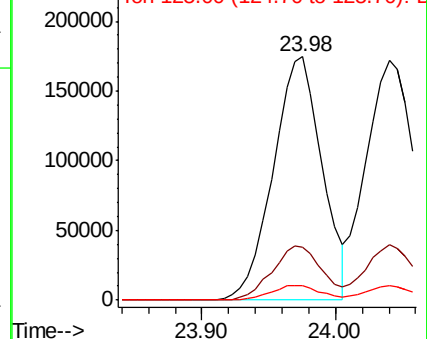


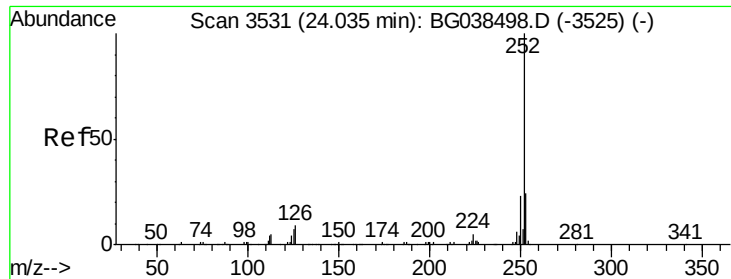
Abundance

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

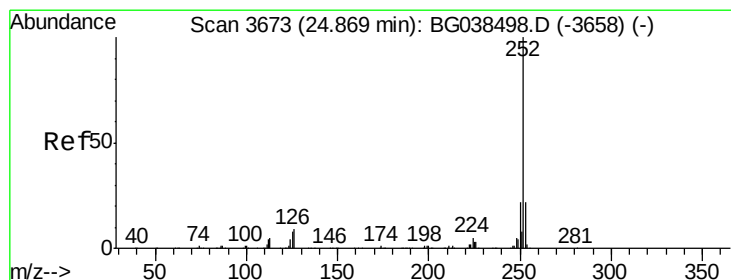
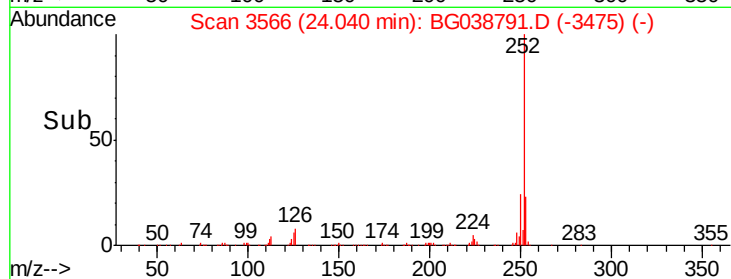
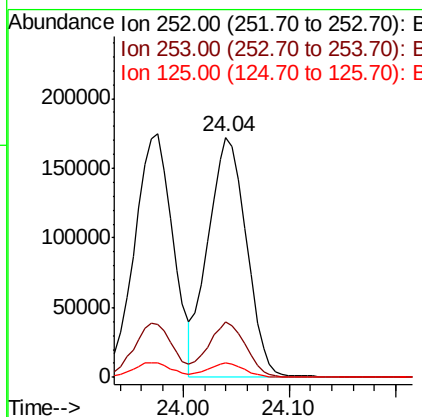
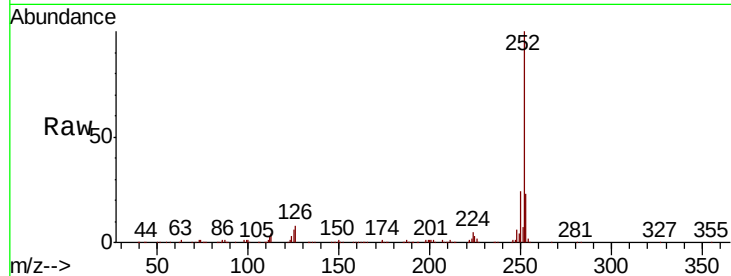




#89
Benzo(k)fluoranthene
Concen: 43.816 ng
RT: 24.04 min Scan# 3566
Delta R.T. 0.01 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

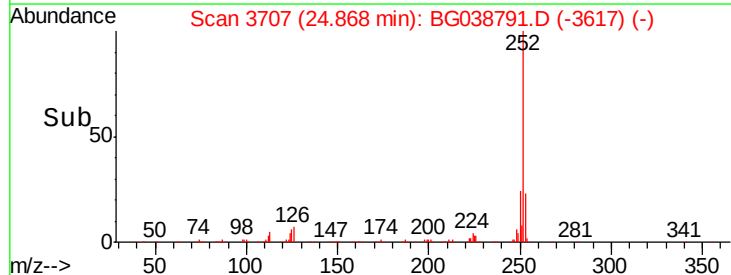
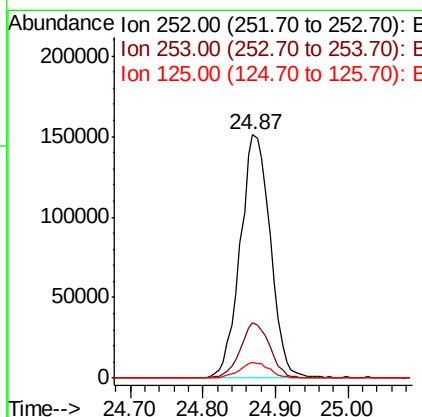
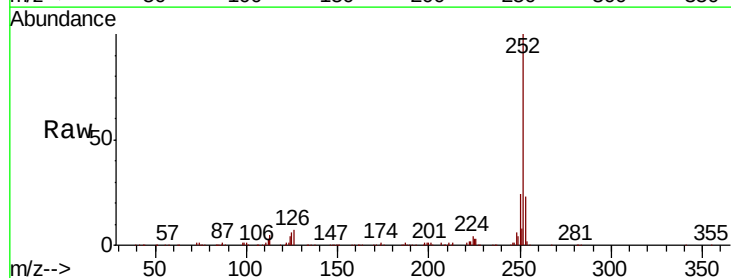
Instrument :
BNA_G
ClientSampleId :
PB115909BSD

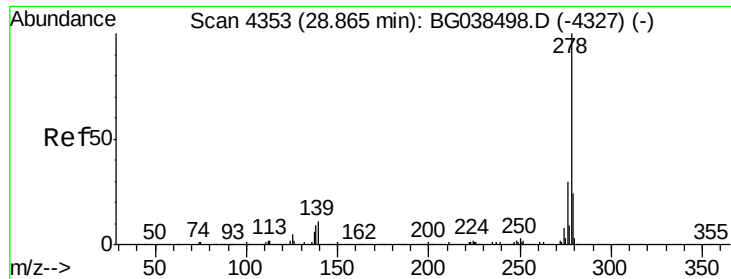
Tgt Ion:252 Resp: 433691
Ion Ratio Lower Upper
252 100
253 23.0 18.9 28.3
125 5.9 5.4 8.2



#90
Benzo(a)pyrene
Concen: 45.508 ng
RT: 24.87 min Scan# 3707
Delta R.T. -0.00 min
Lab File: BG038791.D
Acq: 21 Dec 2018 18:09

Tgt Ion:252 Resp: 436390
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 6.2 6.4 9.6#





#91

Dibenzo(a,h)anthracene

Concen: 43.493 ng

RT: 28.88 min Scan# 4389

Delta R.T. 0.01 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB115909BSD

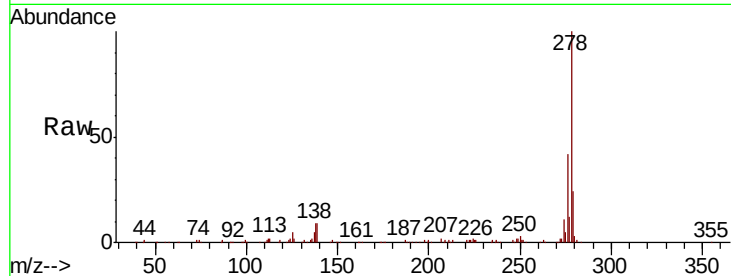
Tgt Ion: 278 Resp: 415262

Ion Ratio Lower Upper

278 100

139 8.6 8.6 12.8

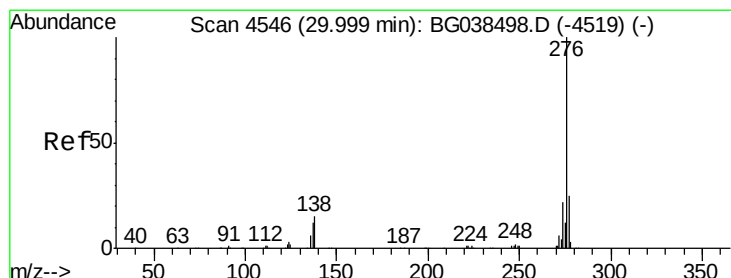
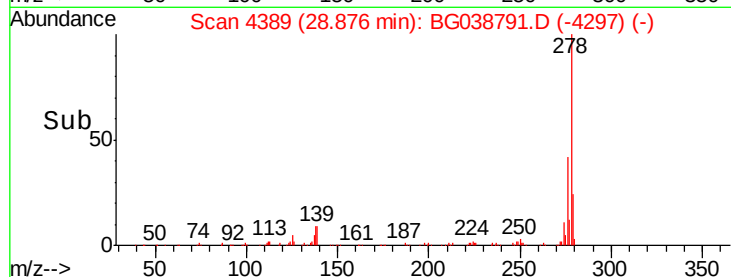
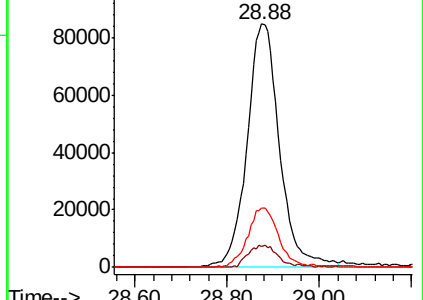
279 24.3 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.286 ng

RT: 30.02 min Scan# 4583

Delta R.T. 0.02 min

Lab File: BG038791.D

Acq: 21 Dec 2018 18:09

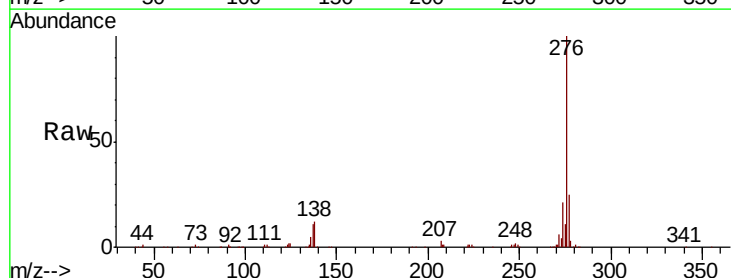
Tgt Ion: 276 Resp: 407301

Ion Ratio Lower Upper

276 100

277 24.9 19.8 29.8

138 12.1 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

