

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
 Data File : BG038591.D
 Acq On : 15 Dec 2018 6:18
 Operator : JU/SJ
 Sample : PB115539BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115539BS

Quant Time: Dec 16 00:11:38 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	23647	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	89759	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	56033	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	142884	20.00	ng	0.00
76) Chrysene-d12	21.72	240	156193	20.00	ng	0.00
87) Perylene-d12	25.02	264	173040	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	160215	120.17	ng	0.00
7) Phenol-d6	7.21	99	209180	114.29	ng	0.00
23) Nitrobenzene-d5	9.24	82	123271	70.16	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	90874	117.68	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	282465	69.16	ng	0.00
79) Terphenyl-d14	20.04	244	596825	83.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	22635	36.478	ng	91
3) Pyridine	3.89	79	61135	35.785	ng	92
4) n-Nitrosodimethylamine	3.81	42	38261	45.708	ng	# 89
6) Aniline	7.39	93	78829	33.739	ng	97
8) 2-Chlorophenol	7.62	128	64918	42.076	ng	99
9) Benzaldehyde	7.20	77	23834	20.074	ng	98
10) Phenol	7.24	94	81932	42.136	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	57993	37.460	ng	97
12) 1,3-Dichlorobenzene	7.94	146	70210	38.487	ng	97
13) 1,4-Dichlorobenzene	8.10	146	69560	37.231	ng	97
14) 1,2-Dichlorobenzene	8.41	146	67547	38.349	ng	100
15) Benzyl Alcohol	8.30	79	59316	41.520	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	134013	37.789	ng	99
17) 2-Methylphenol	8.50	107	56117	43.075	ng	98
18) Hexachloroethane	9.14	117	26080	38.201	ng	93
19) n-Nitroso-di-n-propylamine	8.87	70	47974	37.320	ng	100
20) 3+4-Methylphenols	8.82	107	76989	42.791	ng	96
22) Acetophenone	8.89	105	91913	40.996	ng	99
24) Nitrobenzene	9.28	77	75166	42.290	ng	97
25) Isophorone	9.79	82	133013	42.136	ng	96
26) 2-Nitrophenol	9.99	139	36380	39.991	ng	98
27) 2,4-Dimethylphenol	10.03	122	62954	48.286	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	76976	43.209	ng	96
29) 2,4-Dichlorophenol	10.52	162	65408	45.096	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	71411	40.760	ng	97
31) Naphthalene	10.93	128	194607	44.004	ng	98
32) Benzoic acid	10.18	122	23288	32.331	ng	# 80
33) 4-Chloroaniline	11.04	127	42955	22.372	ng	96
34) Hexachlorobutadiene	11.19	225	47257	39.863	ng	99
35) Caprolactam	11.82	113	21616	36.012	ng	96
36) 4-Chloro-3-methylphenol	12.15	107	67025	40.494	ng	94
37) 2-Methylnaphthalene	12.53	142	141483	44.843	ng	99
38) 1-Methylnaphthalene	12.74	142	135632	44.301	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	84269	40.234	ng	98

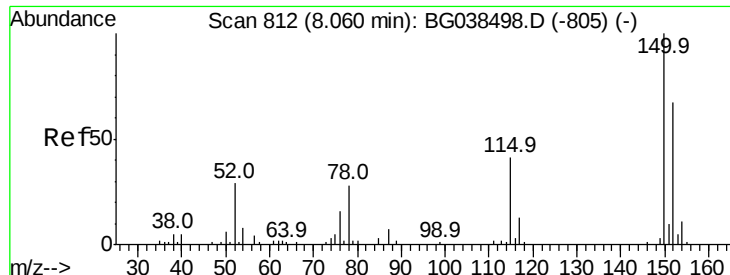
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	114160	99.209	ng	94
43) 2,4,6-Trichlorophenol	13.13	196	54965	42.680	ng	95
44) 2,4,5-Trichlorophenol	13.21	196	60601	44.445	ng	94
46) 1,1'-Biphenyl	13.53	154	185458	39.481	ng	98
47) 2-Chloronaphthalene	13.58	162	147476	40.644	ng	96
48) 2-Nitroaniline	13.79	65	49112	42.493	ng	97
49) Acenaphthylene	14.42	152	238310	43.933	ng	98
50) Dimethylphthalate	14.15	163	191689	41.891	ng	99
51) 2,6-Dinitrotoluene	14.28	165	44002	42.433	ng	99
52) Acenaphthene	14.76	154	135785	41.862	ng	95
53) 3-Nitroaniline	14.61	138	32071	30.340	ng	92
54) 2,4-Dinitrophenol	14.82	184	46687	75.949	ng	93
55) Dibenzofuran	15.09	168	226818	40.794	ng	97
56) 4-Nitrophenol	14.91	139	68837	85.841	ng	95
57) 2,4-Dinitrotoluene	15.06	165	62100	42.519	ng	# 99
58) Fluorene	15.74	166	184274	44.734	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	55140	44.948	ng	99
60) Diethylphthalate	15.50	149	202261	40.265	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	102079	39.716	ng	99
62) 4-Nitroaniline	15.78	138	46655	42.871	ng	96
63) Azobenzene	16.02	77	173863	41.432	ng	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	38872	38.137	ng	94
66) n-Nitrosodiphenylamine	15.95	169	170136	40.525	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	66432	38.069	ng	94
68) Hexachlorobenzene	16.74	284	70925	39.209	ng	98
69) Atrazine	16.89	200	70013	44.937	ng	98
70) Pentachlorophenol	17.09	266	76907	71.879	ng	95
71) Phenanthrene	17.48	178	325114	43.878	ng	98
72) Anthracene	17.58	178	333197	45.552	ng	99
73) Carbazole	17.85	167	303231	41.917	ng	99
74) Di-n-butylphthalate	18.38	149	367309	44.250	ng	100
75) Fluoranthene	19.49	202	425696	46.435	ng	97
77) Benzidine	19.68	184	214090	46.347	ng	99
78) Pyrene	19.86	202	423750	41.067	ng	100
80) Butylbenzylphthalate	20.72	149	172659	42.829	ng	99
81) Benzo(a)anthracene	21.70	228	421832	44.321	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	109027	28.883	ng	96
83) Chrysene	21.77	228	385988	42.105	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	239459	41.882	ng	99
85) Di-n-octyl phthalate	22.80	149	413670	43.201	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	488431	45.319	ng	# 98
88) Benzo(b)fluoranthene	23.97	252	416875	43.879	ng	99
89) Benzo(k)fluoranthene	24.04	252	410567	43.398	ng	98
90) Benzo(a)pyrene	24.86	252	408524	44.571	ng	98
91) Dibenzo(a,h)anthracene	28.86	278	401683	44.015	ng	99
92) Benzo(g,h,i)perylene	29.99	276	396833	44.124	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

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PB115539BS

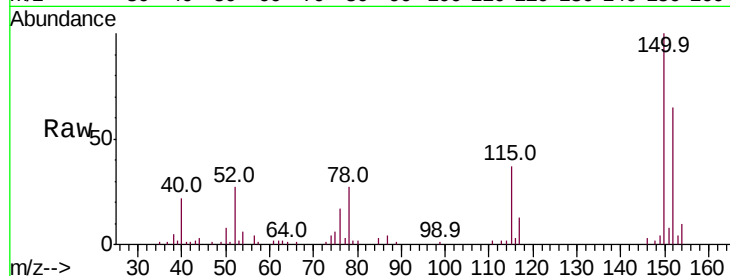
Tot Ion:152 Resp: 23647

Ion Ratio Lower Upper

152 100

150 154.2 119.5 179.3

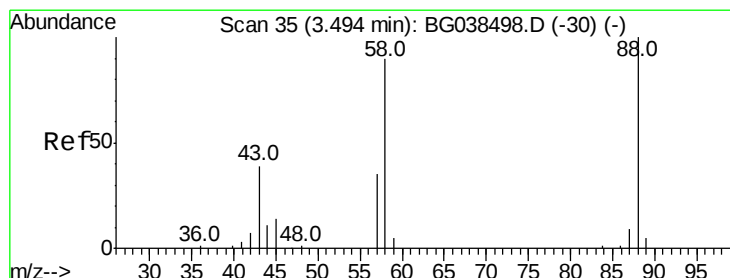
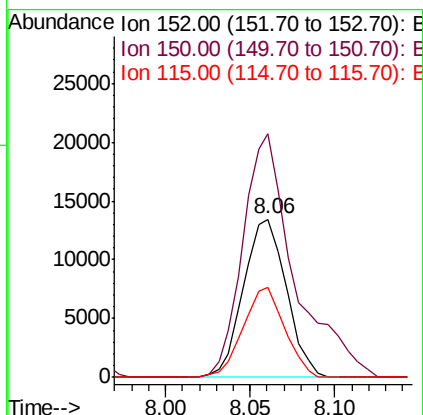
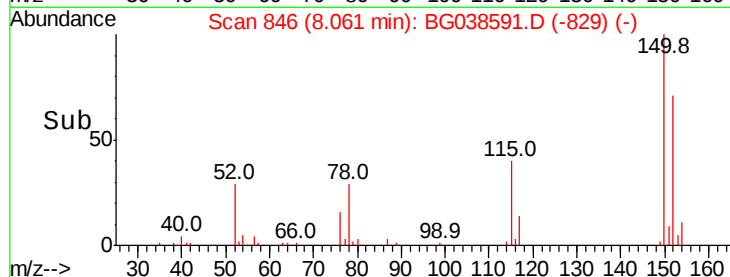
115 57.3 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.478 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

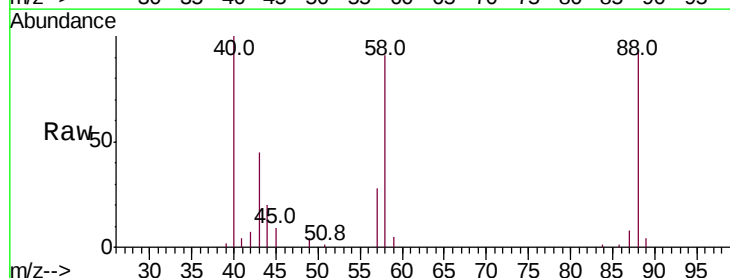
Tgt Ion: 88 Resp: 22635

Ion Ratio Lower Upper

88 100

58 104.7 75.7 113.5

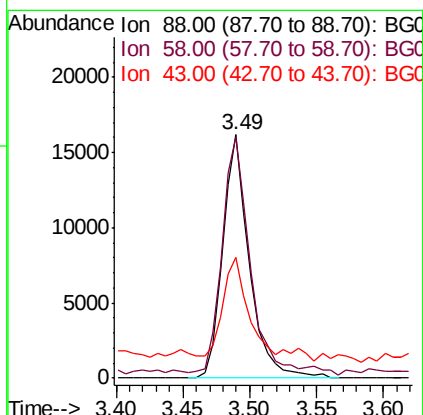
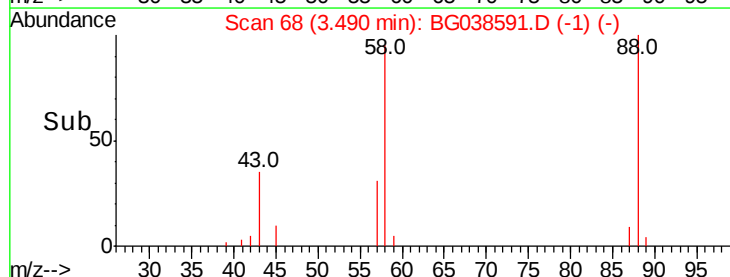
43 37.0 31.6 47.4

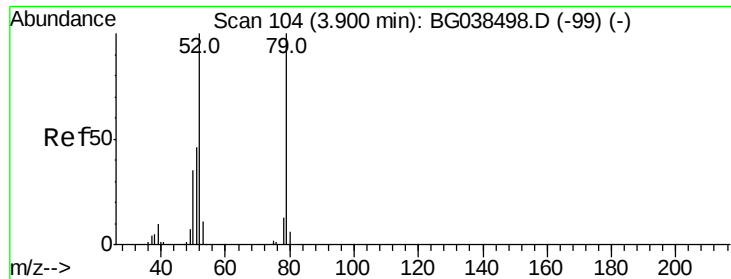


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

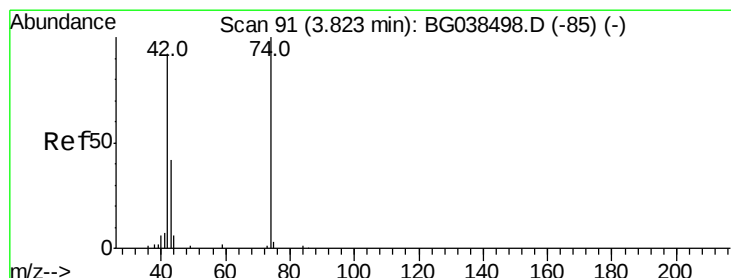
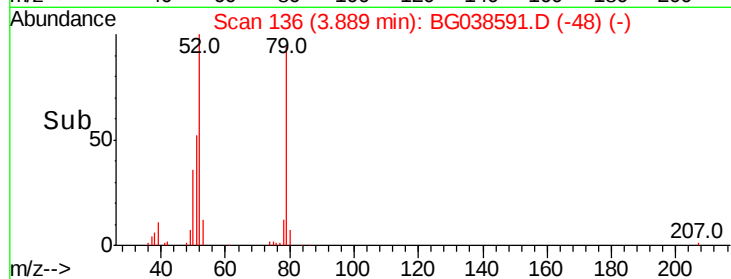
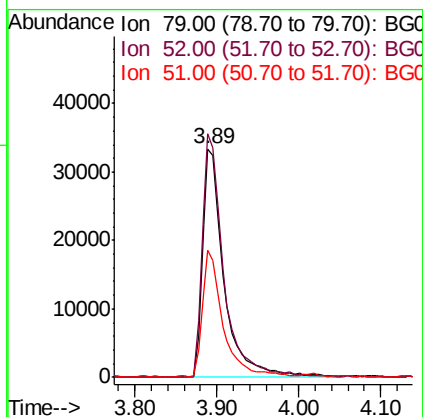
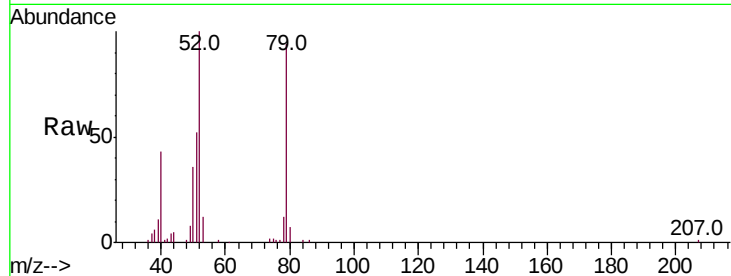




#3
 Pvridine
 Concen: 35.785 ng
 RT: 3.89 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

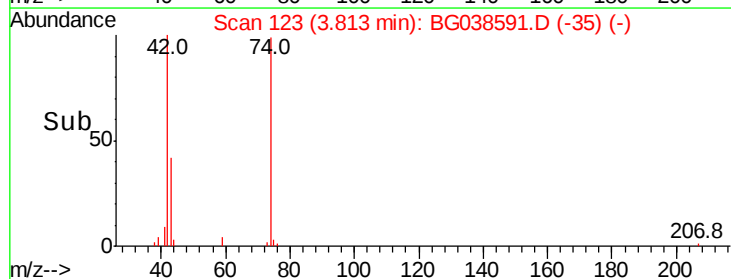
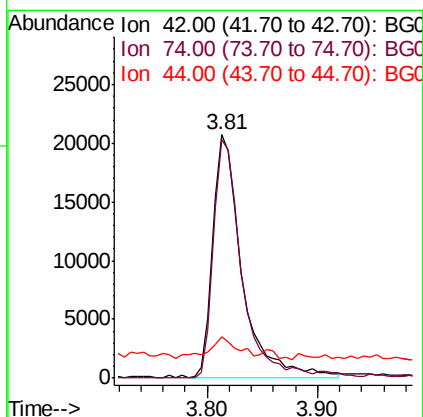
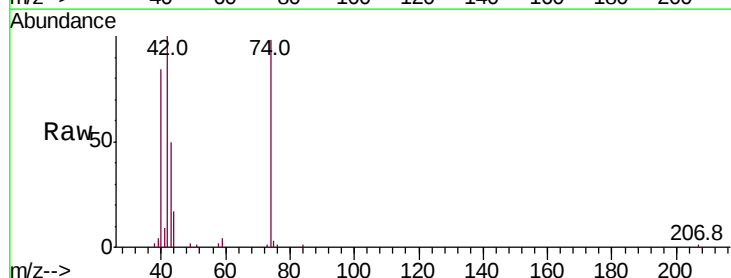
Instrument :
 BNA_G
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 PB115539BS

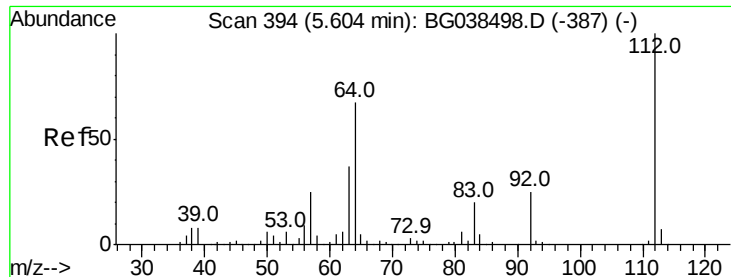
Tot Ion: 79 Resp: 61135
 Ion Ratio Lower Upper
 79 100
 52 106.5 80.2 120.2
 51 55.7 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 45.708 ng
 RT: 3.81 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

Tgt Ion: 42 Resp: 38261
 Ion Ratio Lower Upper
 42 100
 74 97.7 86.7 130.1
 44 16.8 7.8 11.8#

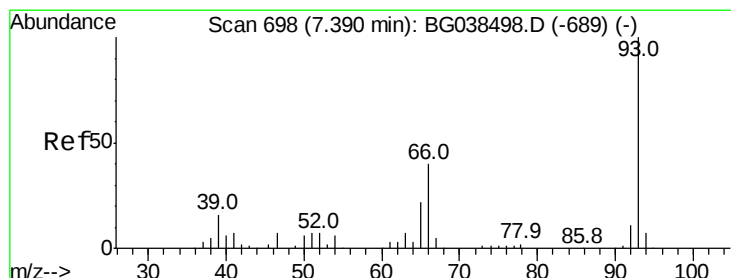
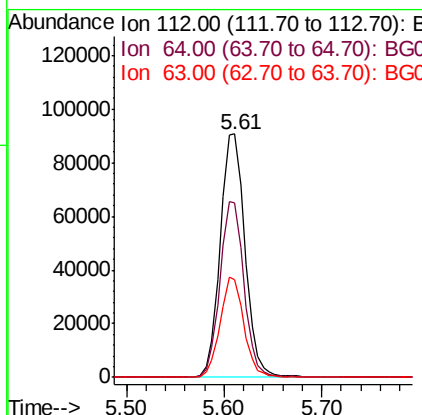
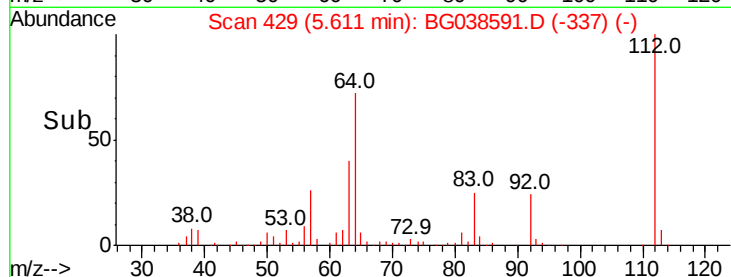
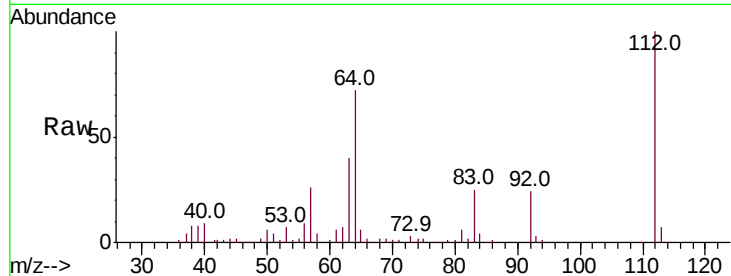




#5
 2-Fluorophenol
 Concen: 120.170 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

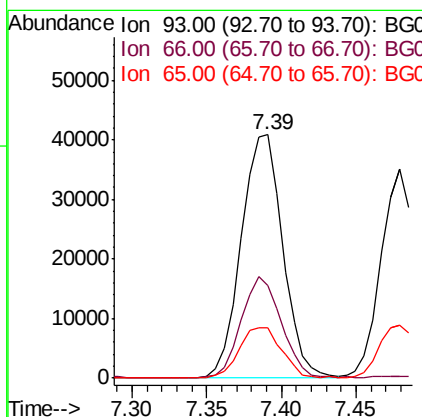
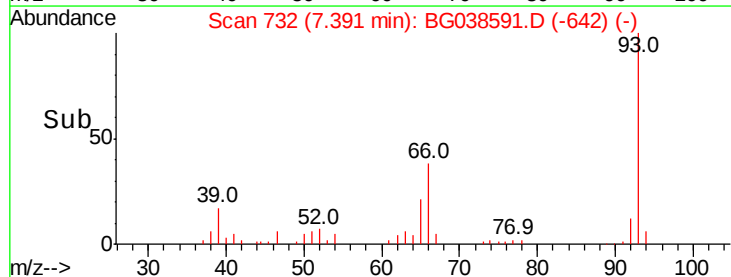
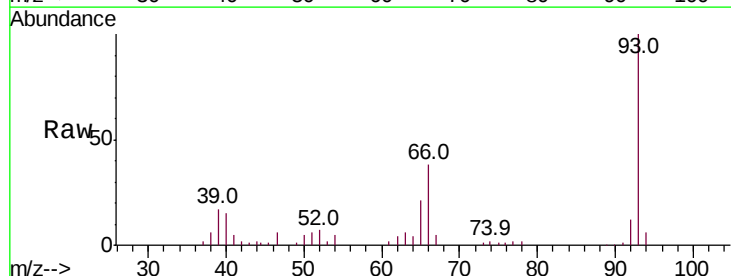
Instrument :
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 ClientSampleId :
 PB115539BS

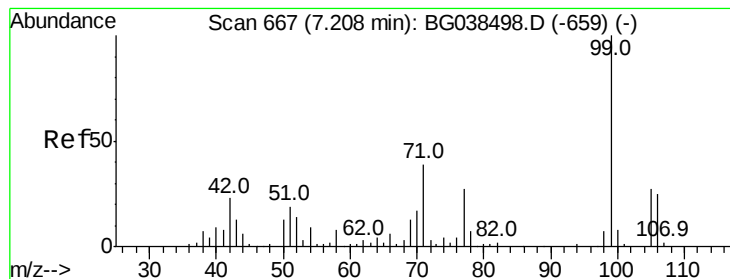
Tot Ion:	112	Resp:	160215
Ion	Ratio	Lower	Upper
112	100		
64	71.5	53.4	80.2
63	40.2	29.3	43.9



#6
 Aniline
 Concen: 33.739 ng
 RT: 7.39 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

Tgt Ion:	93	Resp:	78829
Ion	Ratio	Lower	Upper
93	100		
66	38.1	31.7	47.5
65	20.9	17.8	26.6





#7

Phenol-d6

Concen: 114.289 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

Instrument :

BNA_G

ClientSampleId :

PB115539BS

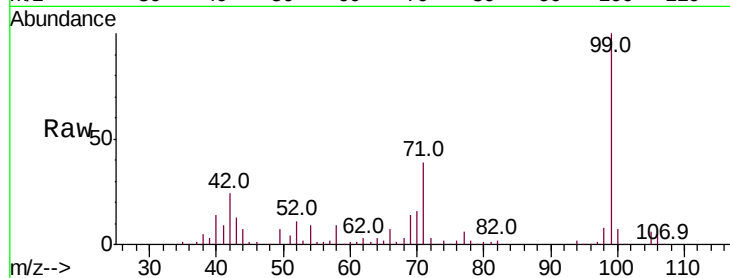
Tot Ion: 99 Resp: 209180

Ion Ratio Lower Upper

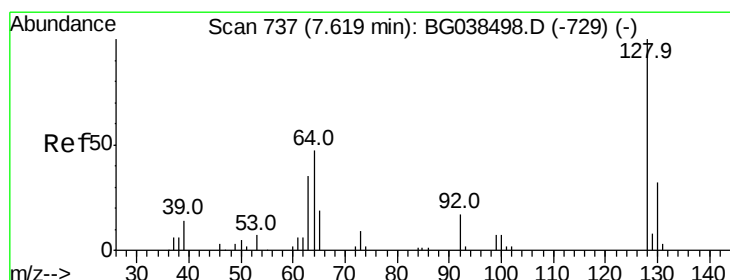
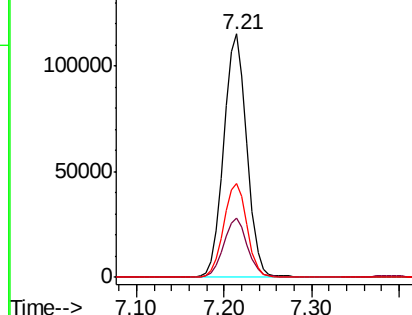
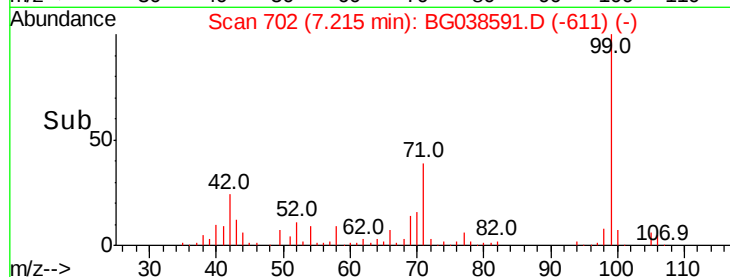
99 100

42 24.5 18.5 27.7

71 38.7 31.1 46.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.076 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

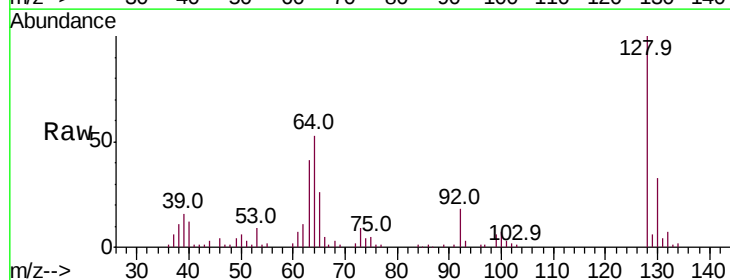
Tgt Ion: 128 Resp: 64918

Ion Ratio Lower Upper

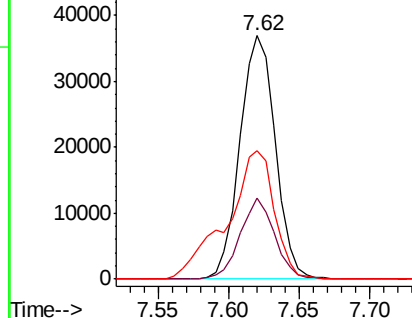
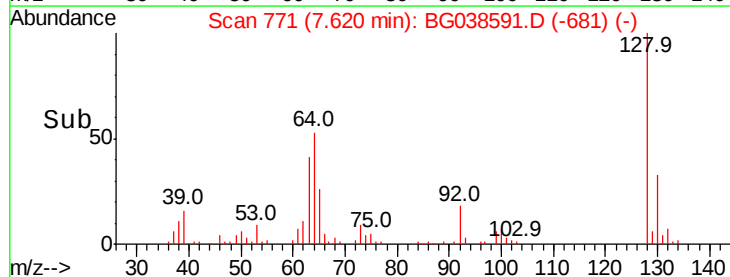
128 100

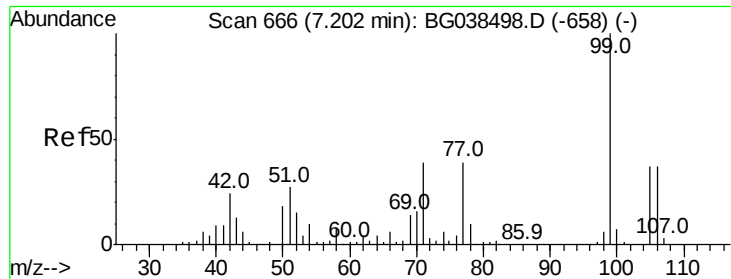
130 33.3 11.8 51.8

64 52.9 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

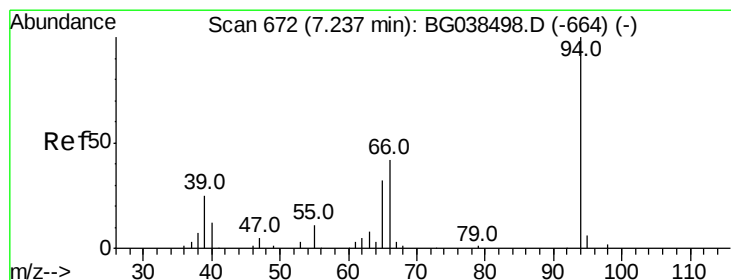
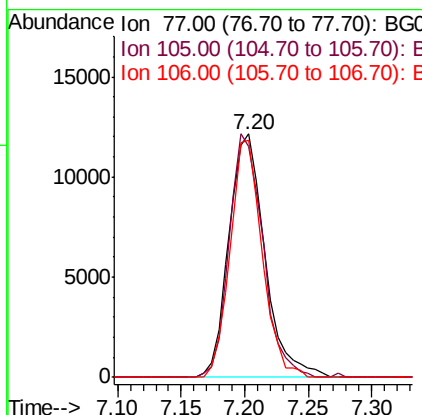
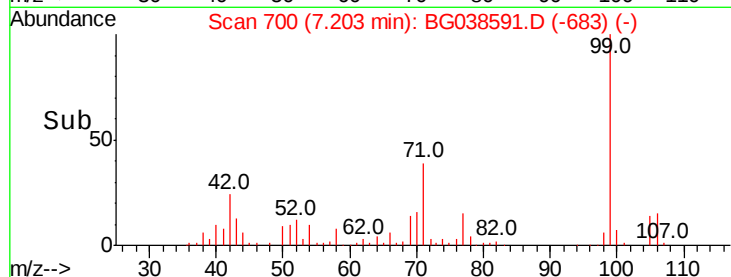
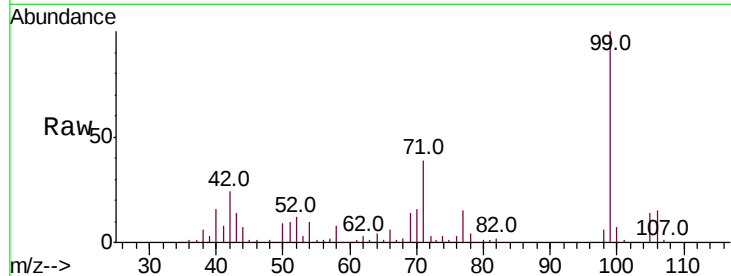




#9
Benzaldehyde
Concen: 20.074 ng
RT: 7.20 min Scan# 700
Delta R.T. 0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

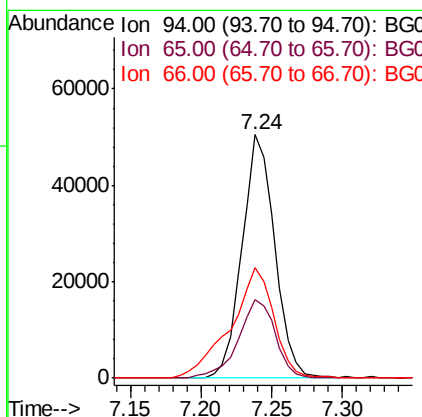
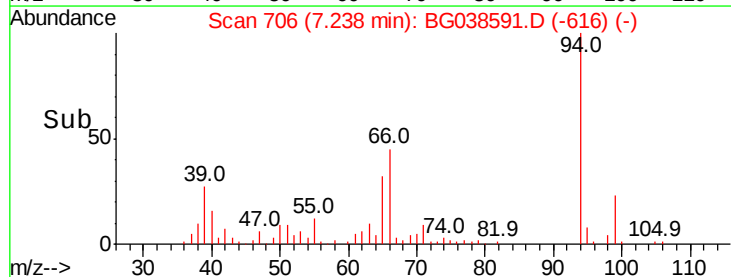
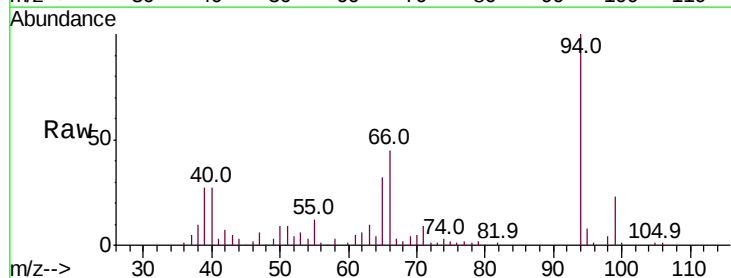
Instrument :
BNA_G
ClientSampleId :
PB115539BS

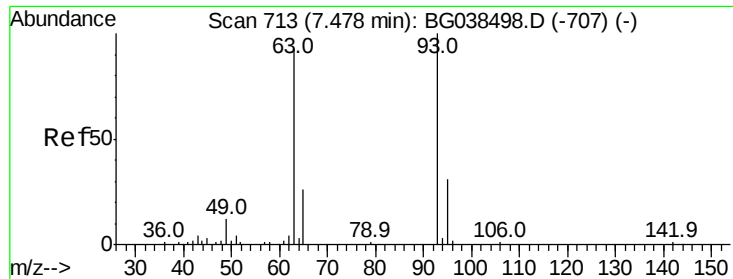
Tot Ion: 77 Resp: 23834
Ion Ratio Lower Upper
77 100
105 94.7 74.0 114.0
106 97.5 73.9 113.9



#10
Phenol
Concen: 42.136 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Tgt Ion: 94 Resp: 81932
Ion Ratio Lower Upper
94 100
65 32.1 12.6 52.6
66 45.5 24.1 64.1

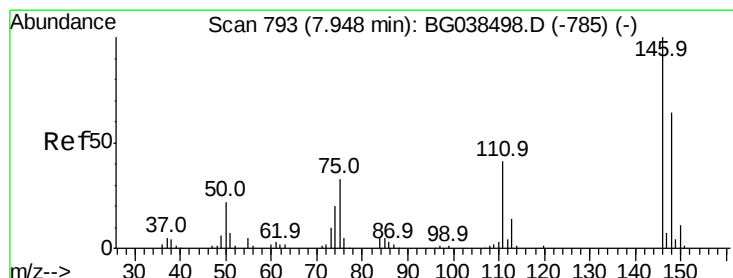
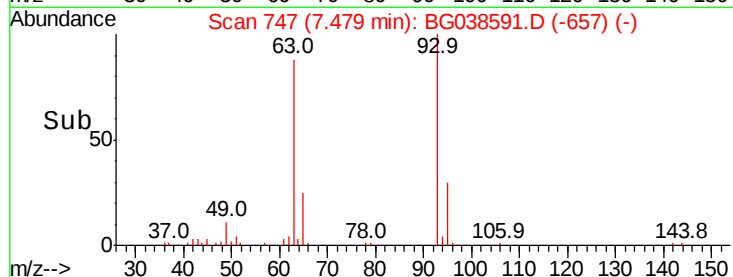
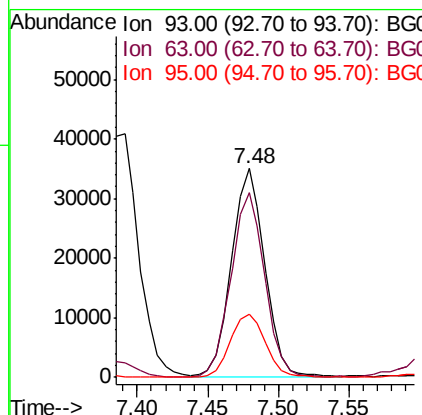
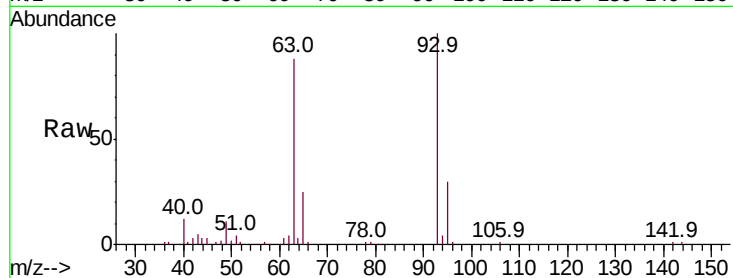




#11
bis(2-Chloroethyl)ether
Concen: 37.460 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

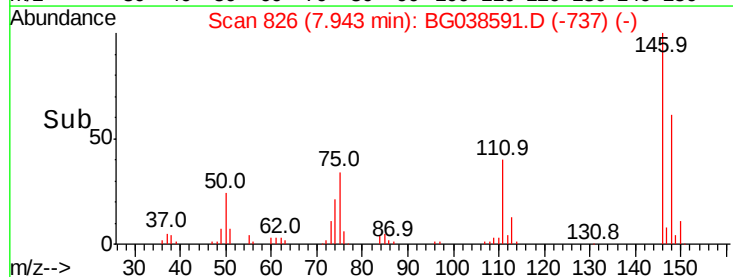
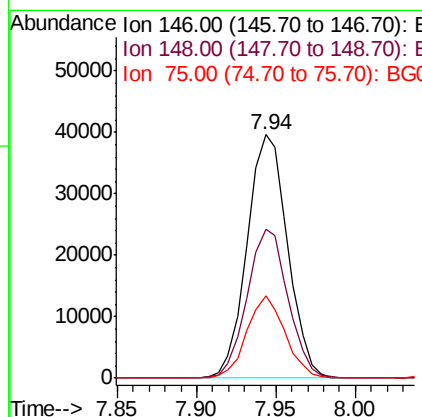
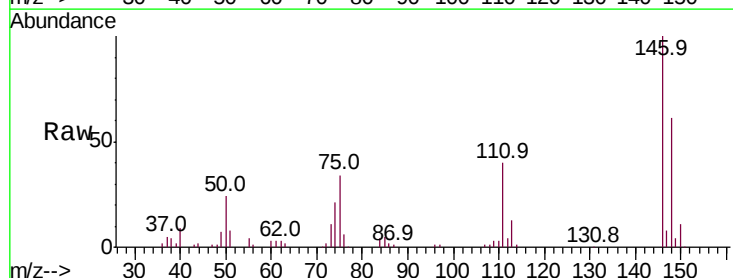
Instrument :
BNA_G
ClientSampleID :
PB115539BS

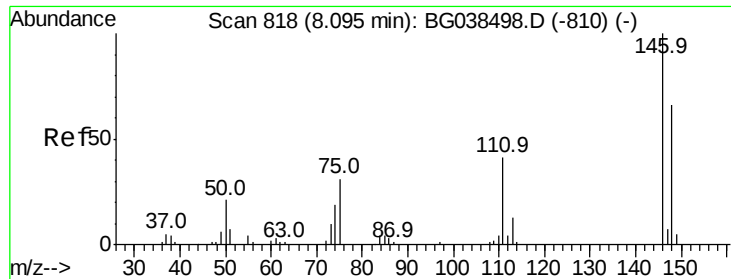
Tot Ion: 93 Resp: 57993
Ion Ratio Lower Upper
93 100
63 88.5 72.2 112.2
95 30.4 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 38.487 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Tgt Ion: 146 Resp: 70210
Ion Ratio Lower Upper
146 100
148 61.1 51.4 77.0
75 34.0 26.1 39.1

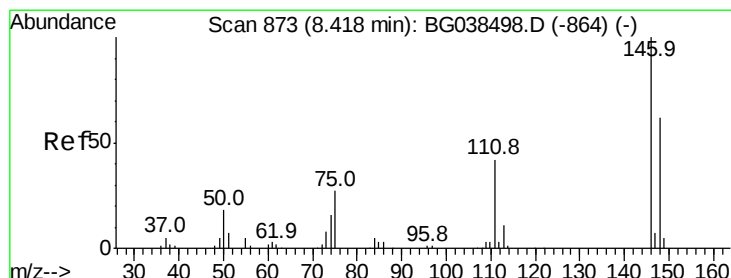
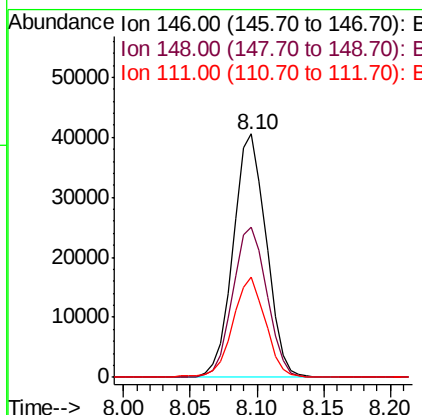
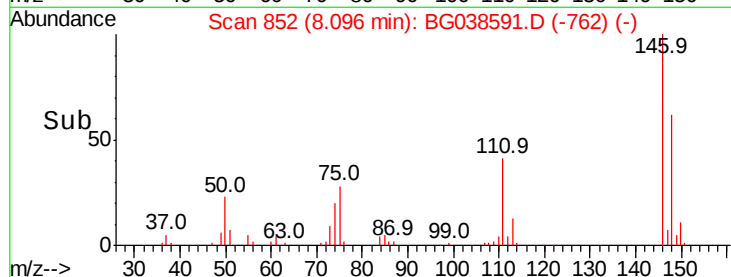
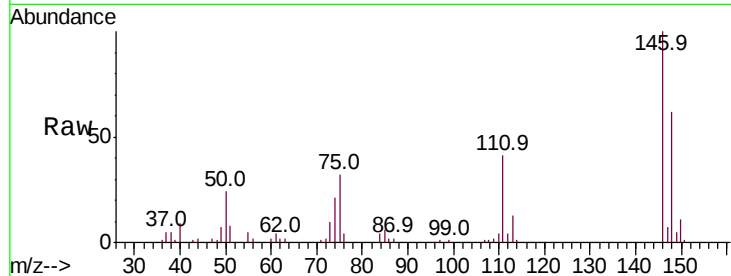




#13
 1,4-Dichlorobenzene
 Concen: 37.231 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

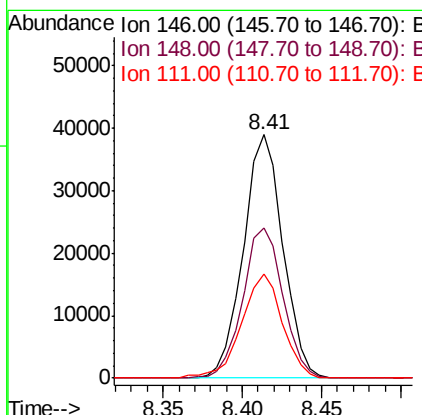
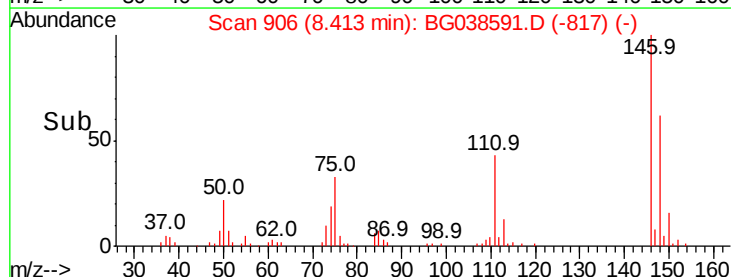
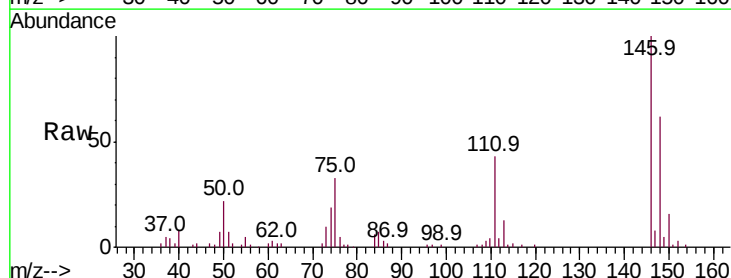
Instrument :
 BNA_G
 ClientSampleId :
 PB115539BS

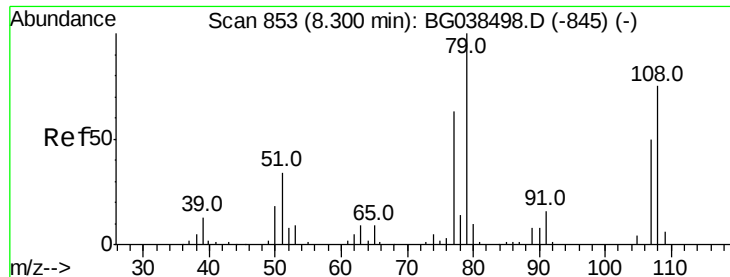
Tot Ion:146 Resp: 69560
 Ion Ratio Lower Upper
 146 100
 148 61.8 52.4 78.6
 111 41.0 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 38.349 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

Tgt Ion:146 Resp: 67547
 Ion Ratio Lower Upper
 146 100
 148 61.7 49.4 74.0
 111 42.6 33.8 50.6





#15

Benzyl Alcohol

Concen: 41.520 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

Instrument :

BNA_G

ClientSampleId :

PB115539BS

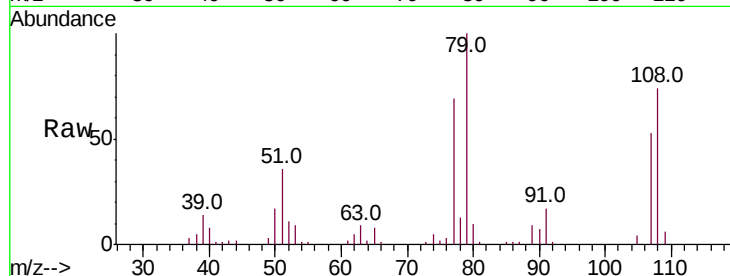
Tot Ion: 79 Resp: 59316

Ion Ratio Lower Upper

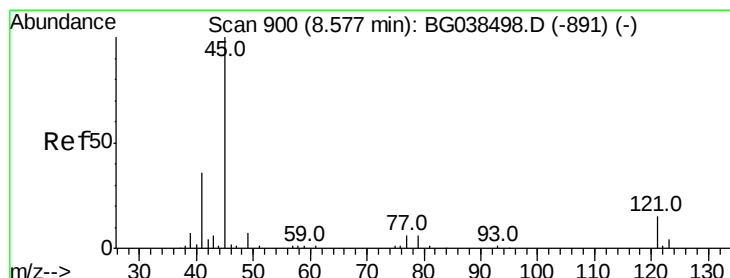
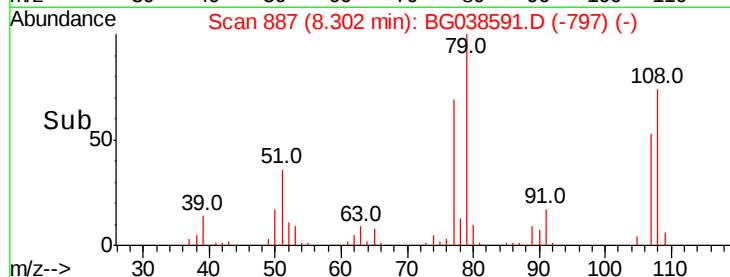
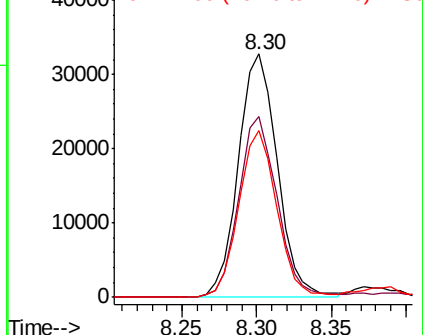
79 100

108 74.1 60.2 90.4

77 68.7 50.7 76.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.789 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.01 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

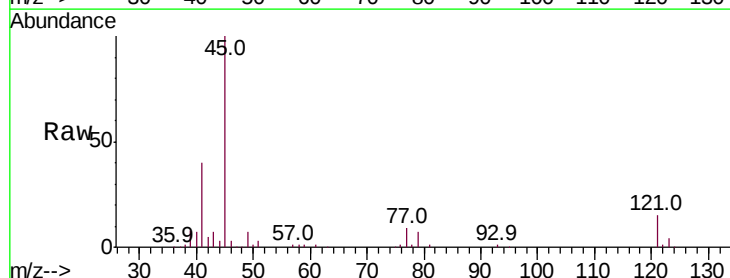
Tgt Ion: 45 Resp: 134013

Ion Ratio Lower Upper

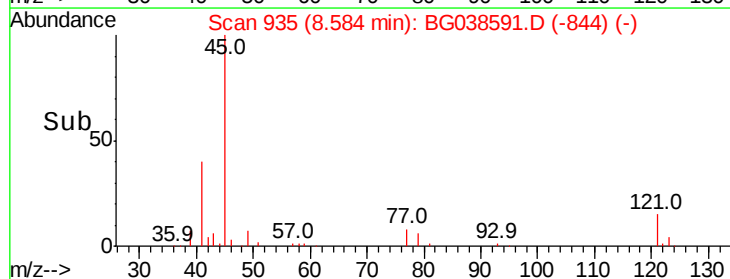
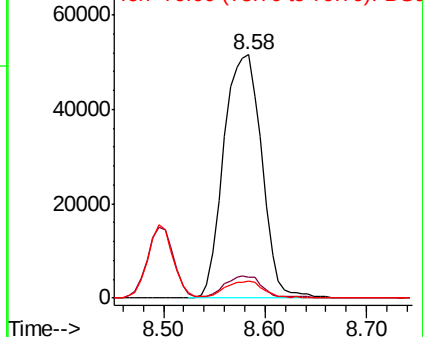
45 100

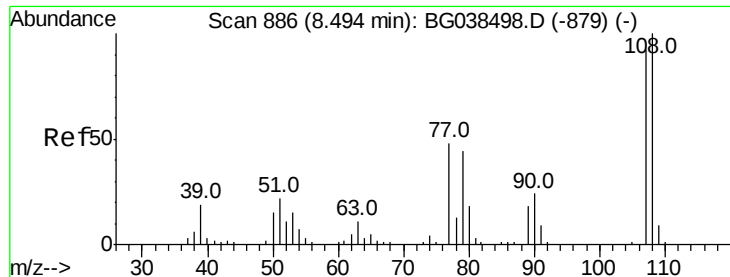
77 8.8 0.0 28.2

79 7.1 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

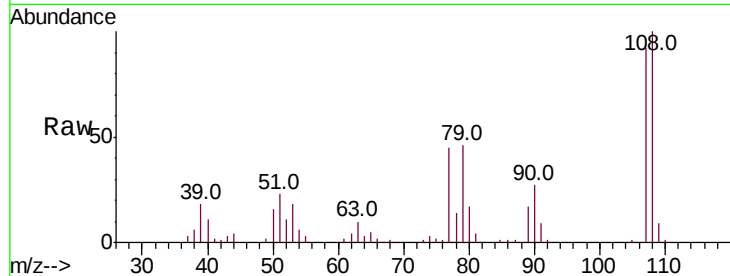




#17
2-Methylphenol
Concen: 43.075 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Instrument :
BNA_G
ClientSampleId :
PB115539BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.6	87.1	130.7
77	48.6	42.0	63.0
79	50.1	38.2	57.2



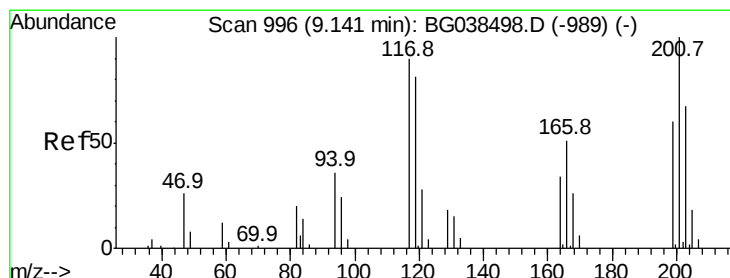
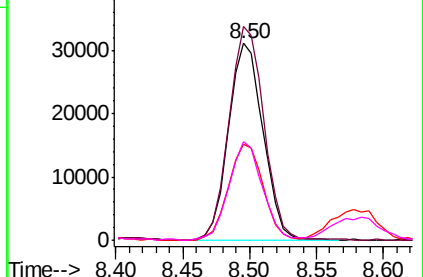
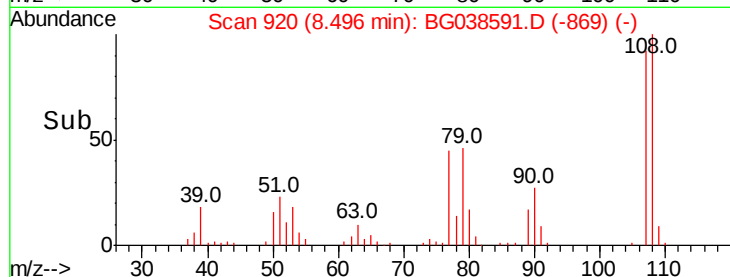
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

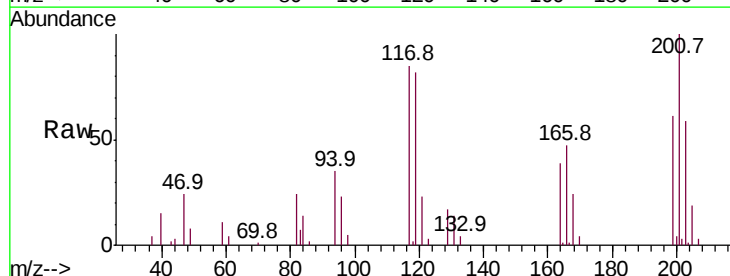
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.201 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	73.8	110.8
201	121.2	89.4	134.0

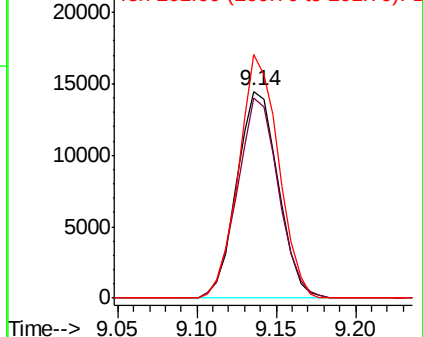
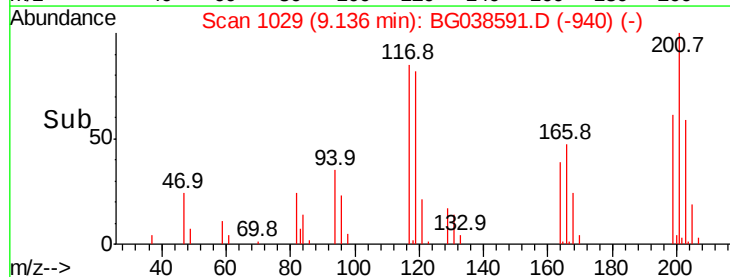


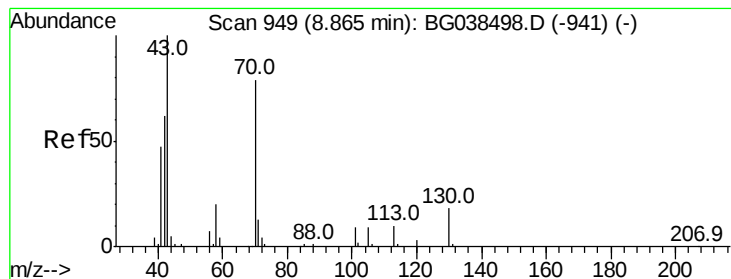
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.320 ng

RT: 8.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

Instrument :

BNA_G

ClientSampleId :

PB115539BS

Tot Ion: 70 Resp: 47974

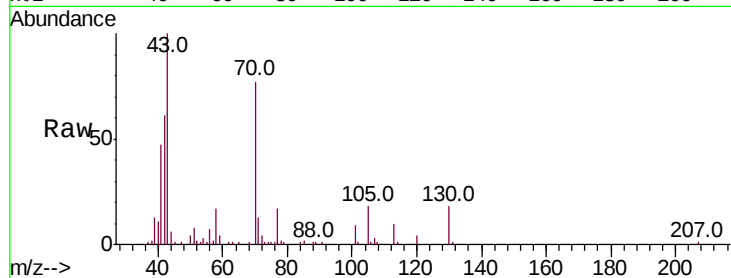
Ion Ratio Lower Upper

70 100

42 79.4 63.6 95.4

101 11.3 9.2 13.8

130 22.9 18.5 27.7



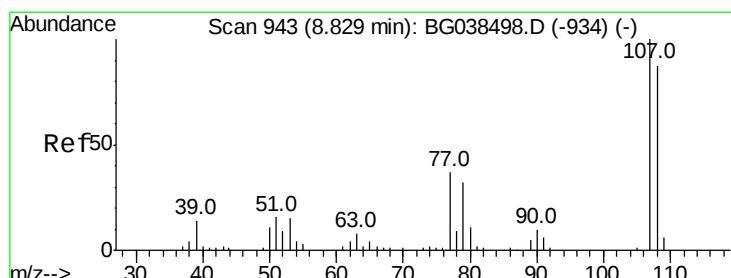
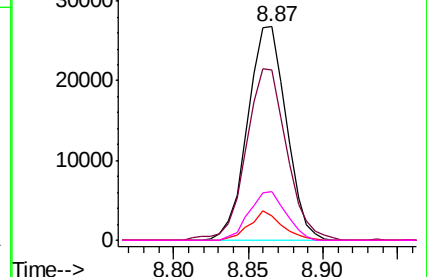
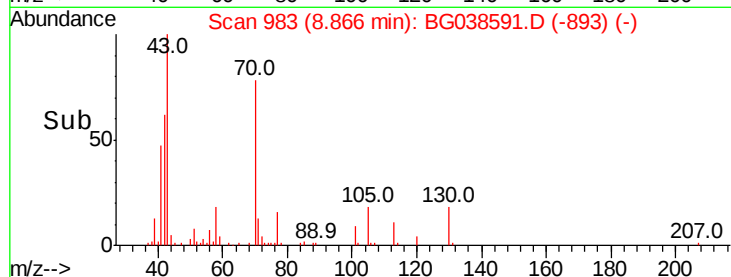
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

Time-->



#20

3+4-Methylphenols

Concen: 42.791 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

Tgt Ion: 107 Resp: 76989

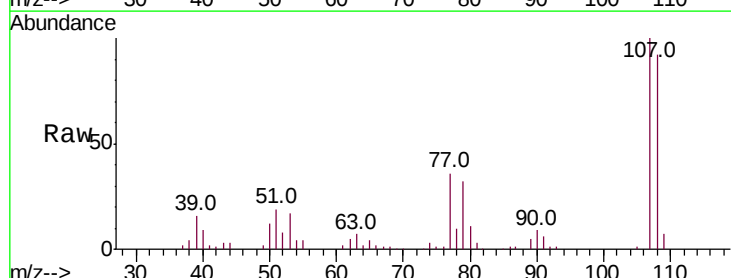
Ion Ratio Lower Upper

107 100

108 92.5 66.7 106.7

77 35.7 17.3 57.3

79 32.4 12.3 52.3



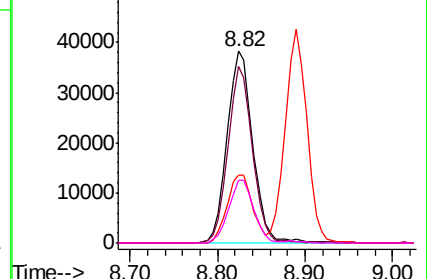
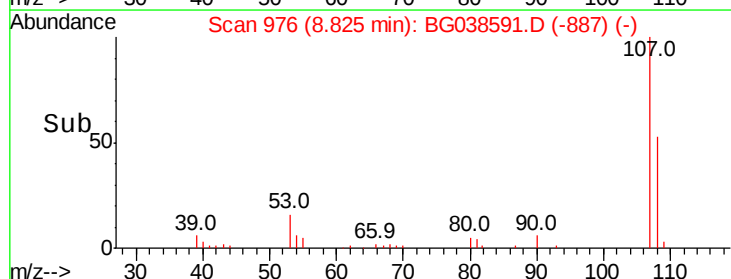
Abundance Ion 107.00 (106.70 to 107.70): BGC

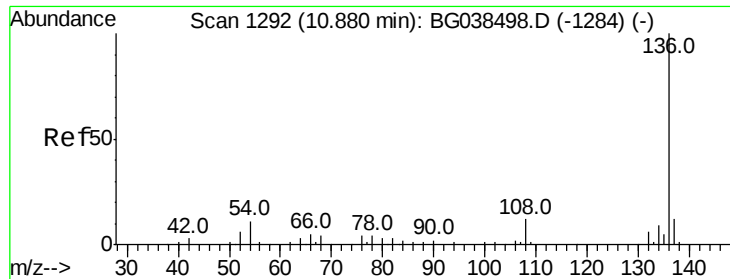
Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

Time-->

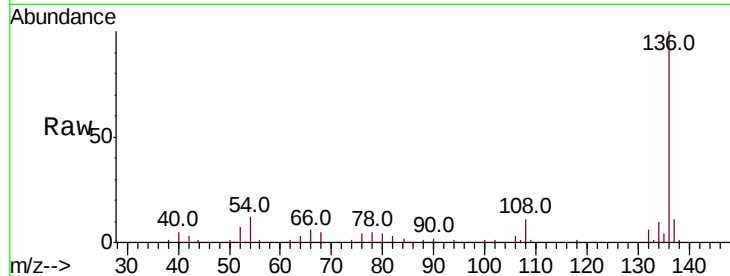




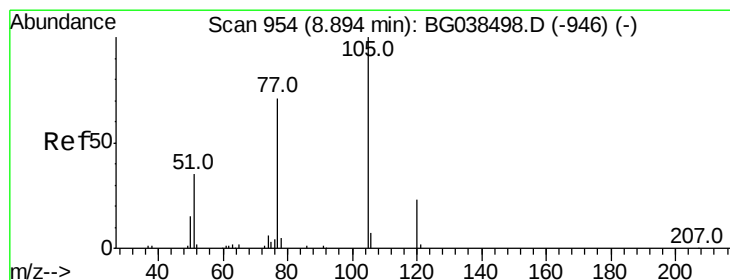
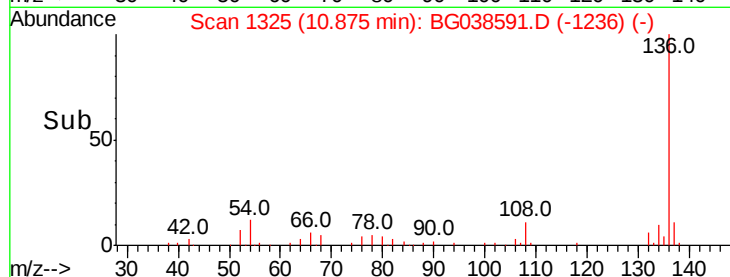
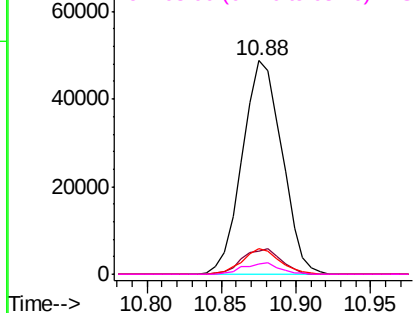
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Instrument :
BNA_G
ClientSampleId :
PB115539BS

Tot Ion:136	Resp:	89759
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.3 13.9
54	11.9	8.5 12.7
68	4.8	3.5 5.3

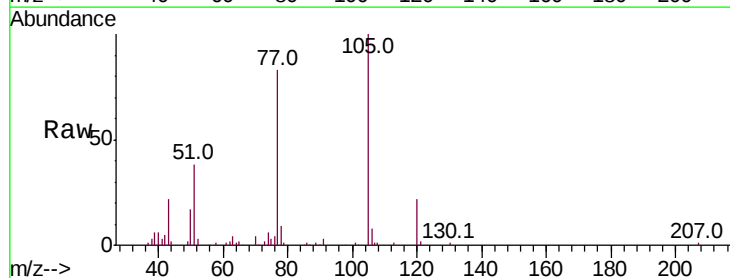


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

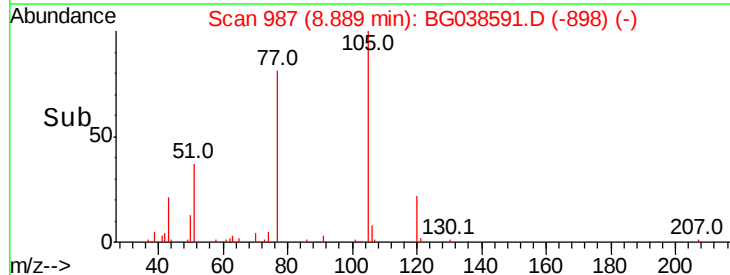
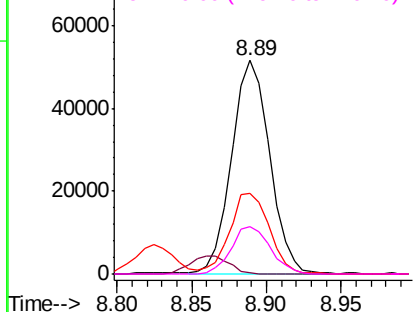


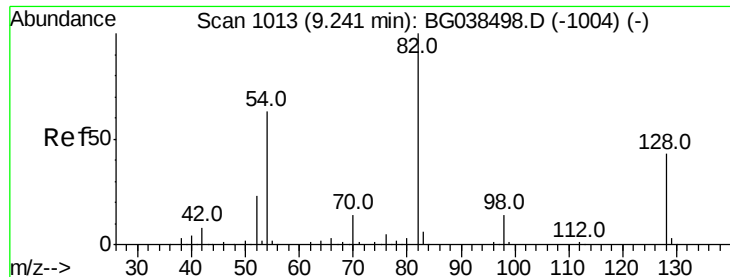
#22
Acetophenone
Concen: 40.996 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Tgt Ion:105	Resp:	91913
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.4 0.6
51	38.1	30.6 46.0
120	22.4	18.6 28.0



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

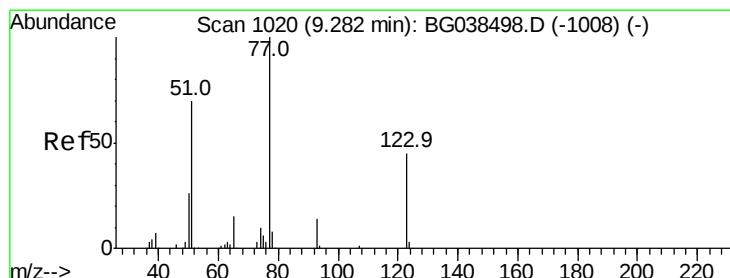
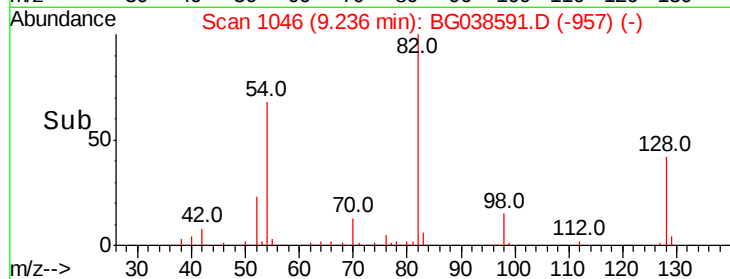
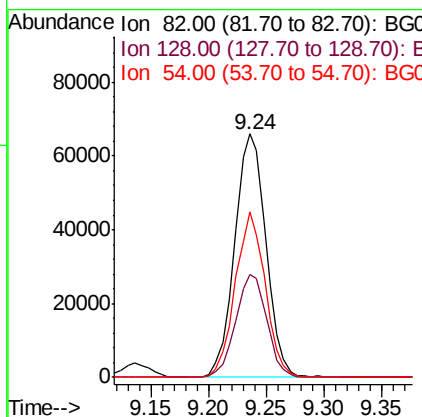
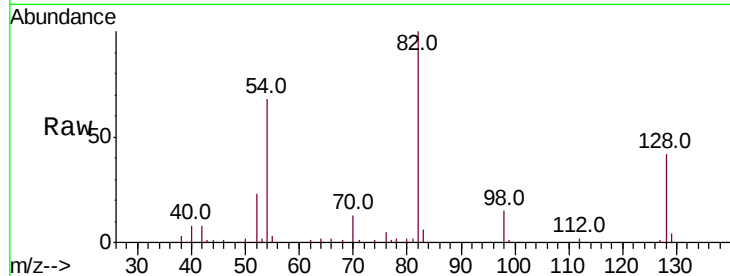




#23
 Nitrobenzene-d5
 Concen: 70.161 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

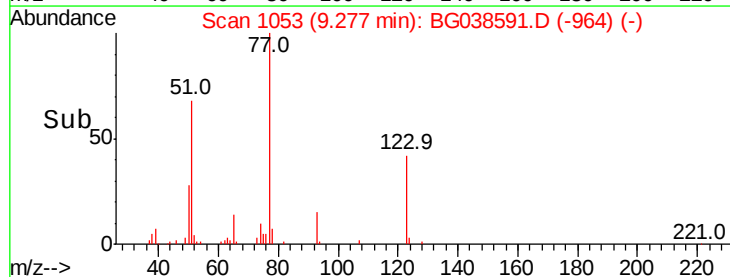
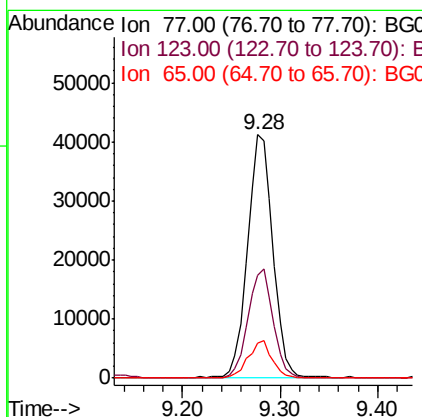
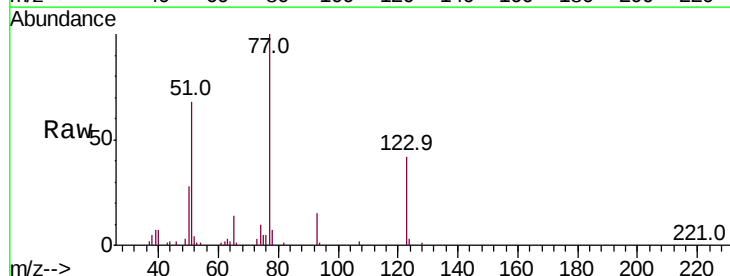
Instrument :
 BNA_G
 ClientSampleId :
 PB115539BS

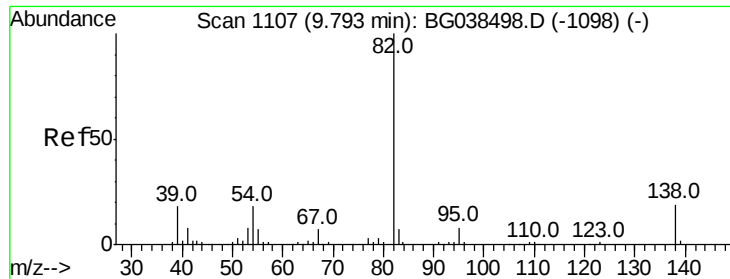
Tot Ion: 82 Resp: 123271
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.6 52.0
 54 67.9 50.6 76.0



#24
 Nitrobenzene
 Concen: 42.290 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

Tgt Ion: 77 Resp: 75166
 Ion Ratio Lower Upper
 77 100
 123 42.4 35.9 53.9
 65 14.4 12.0 18.0





#25

Isophorone

Concen: 42.136 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

Instrument :

BNA_G

ClientSampleId :

PB115539BS

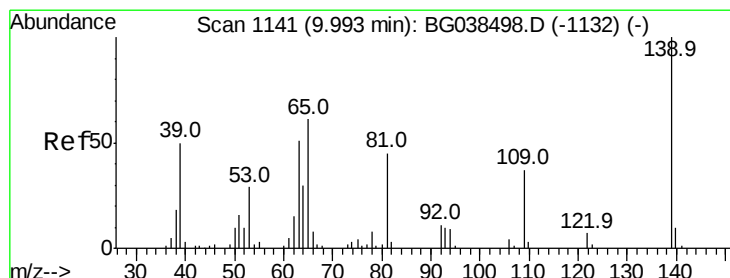
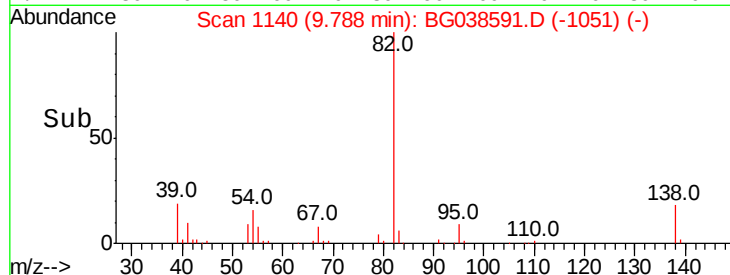
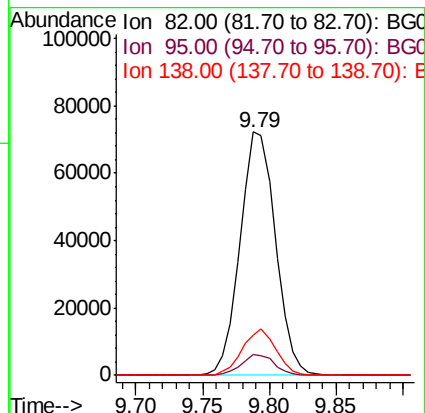
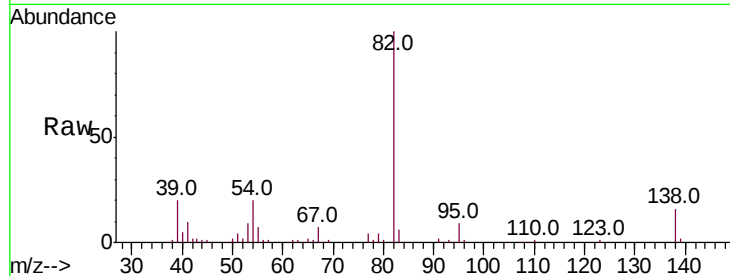
Tot Ion: 82 Resp: 133013

Ion Ratio Lower Upper

82 100

95 8.7 6.1 9.1

138 16.4 14.9 22.3



#26

2-Nitrophenol

Concen: 39.991 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

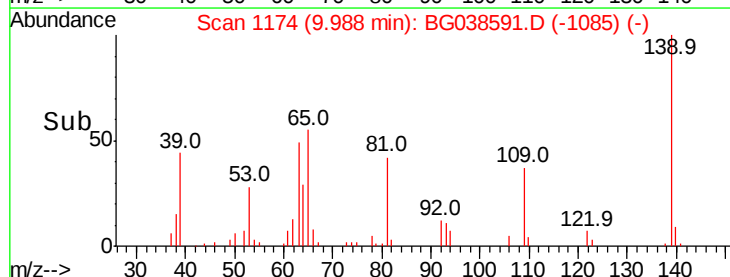
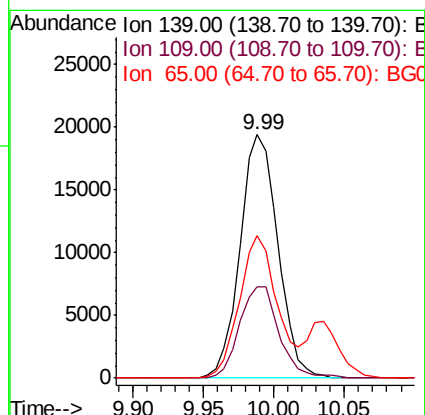
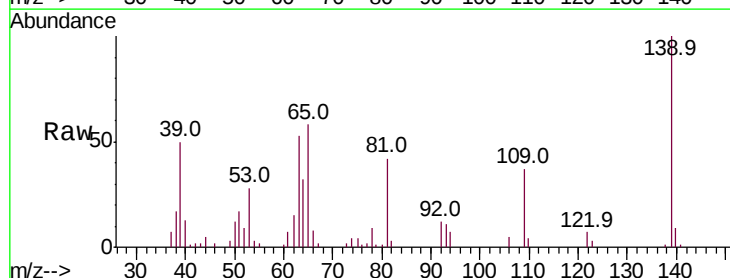
Tgt Ion:139 Resp: 36380

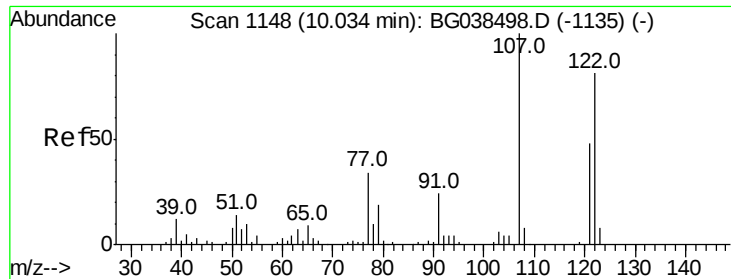
Ion Ratio Lower Upper

139 100

109 37.4 29.5 44.3

65 58.4 48.5 72.7

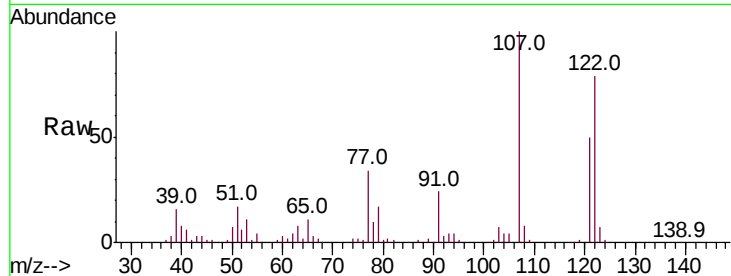




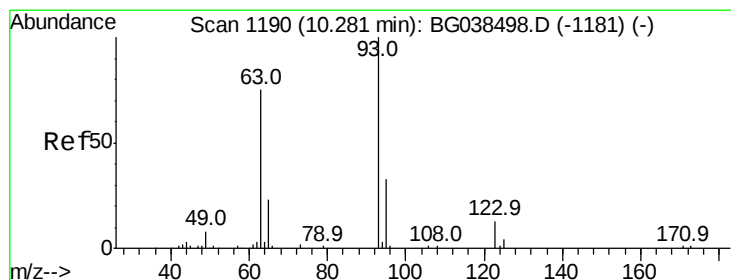
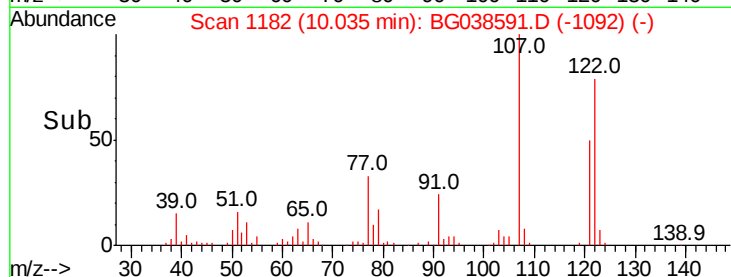
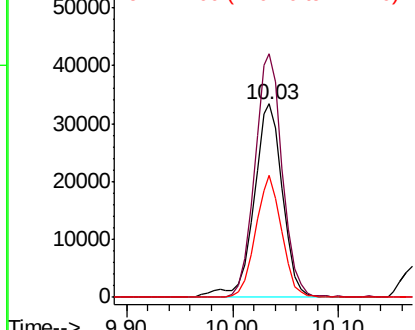
#27
2,4-Dimethylphenol
Concen: 48.286 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Instrument :
BNA_G
ClientSampleId :
PB115539BS

Tot Ion:122 Resp: 62954
Ion Ratio Lower Upper
122 100
107 125.8 98.4 147.6
121 62.8 47.2 70.8

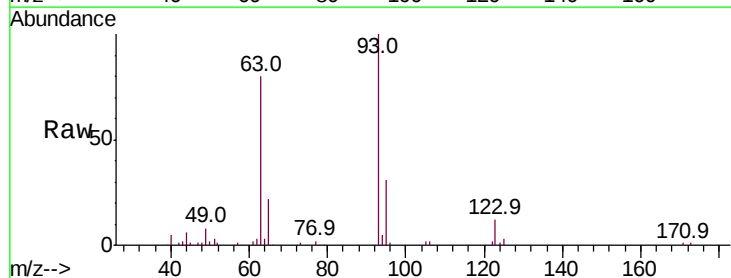


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

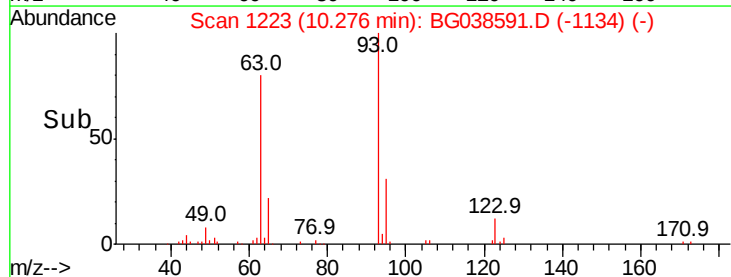
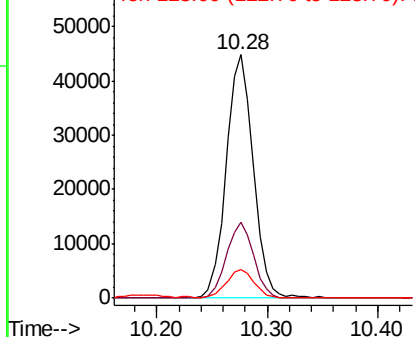


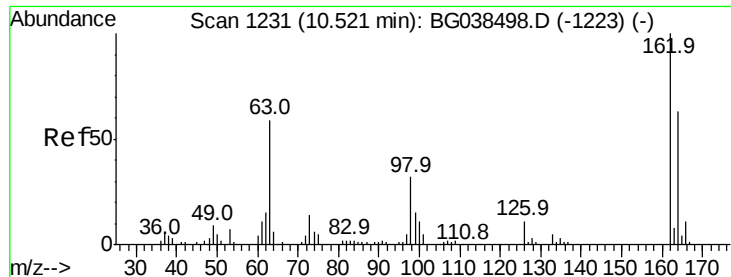
#28
bis(2-Chloroethoxy)methane
Concen: 43.209 ng
RT: 10.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Tgt Ion: 93 Resp: 76976
Ion Ratio Lower Upper
93 100
95 31.3 26.6 40.0
123 11.7 10.6 16.0



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

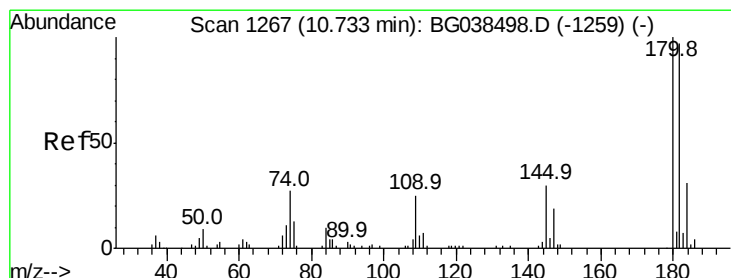
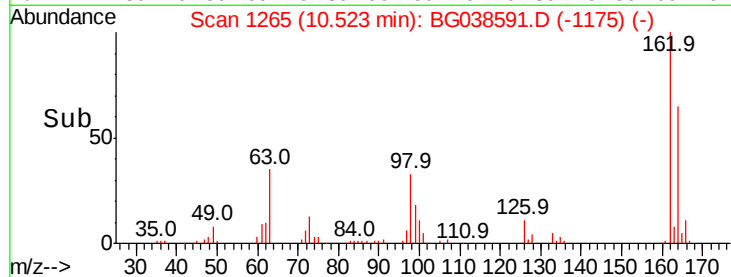
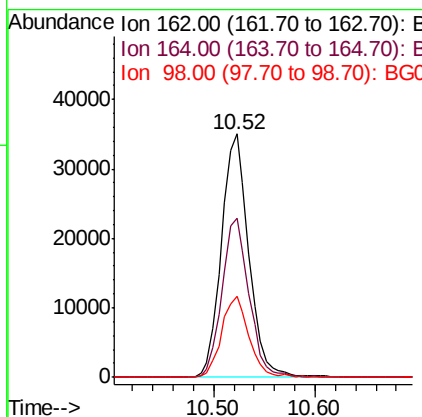
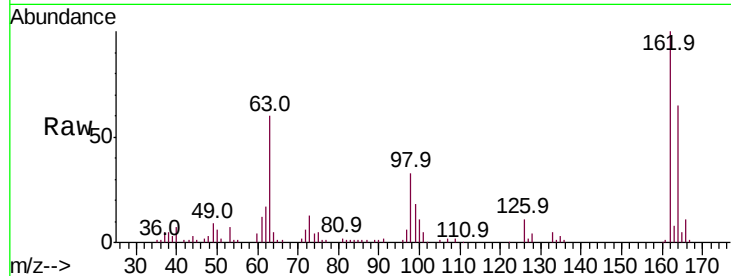




#29
 2,4-Dichlorophenol
 Concen: 45.096 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

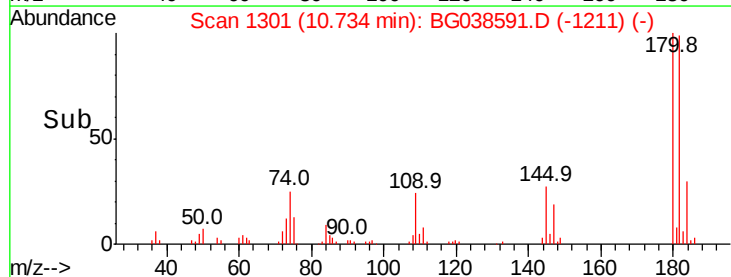
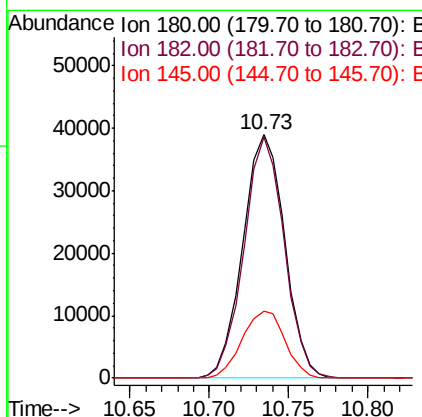
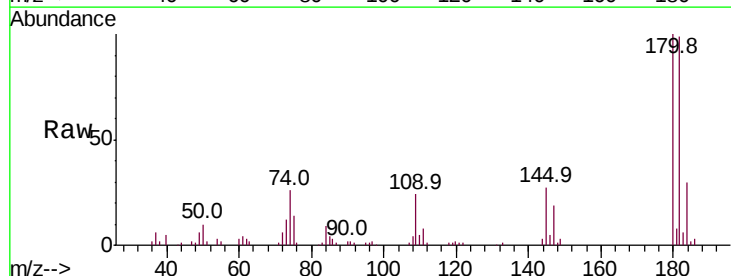
Instrument :
 BNA_G
 ClientSampleId :
 PB115539BS

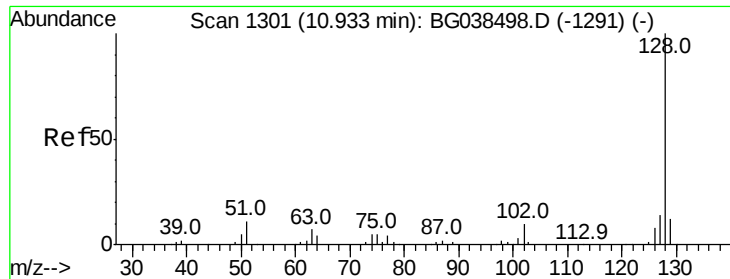
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	42.9	82.9
98	33.3	12.1	52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.760 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	77.4	116.0
145	27.4	24.1	36.1

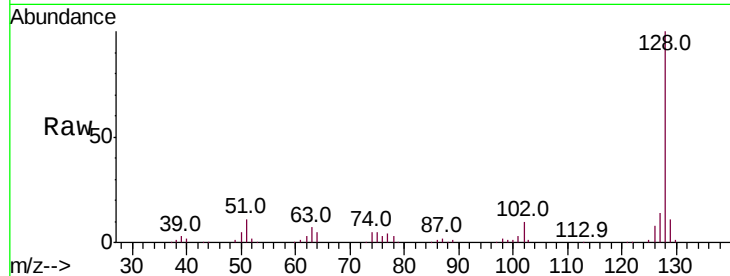




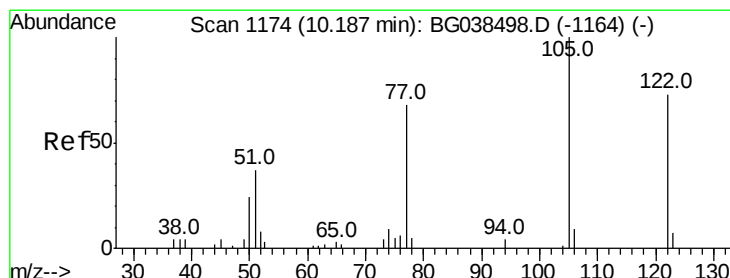
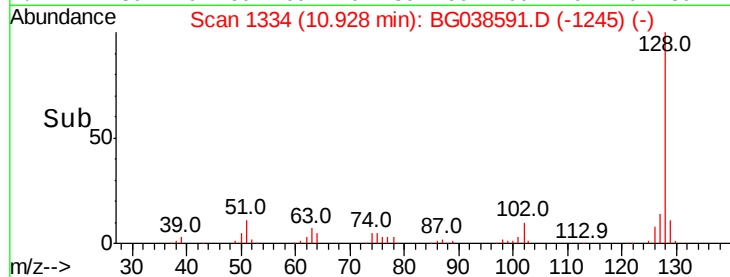
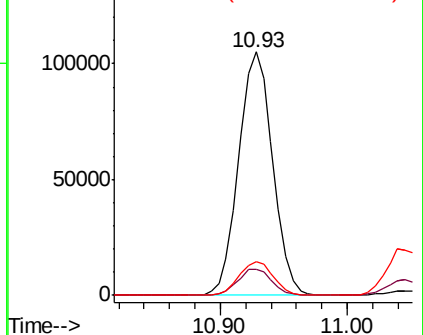
#31
Naphthalene
Concen: 44.004 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Instrument :
BNA_G
ClientSampleId :
PB115539BS

Tot Ion:128 Resp: 194607
Ion Ratio Lower Upper
128 100
129 10.6 9.5 14.3
127 13.9 10.9 16.3

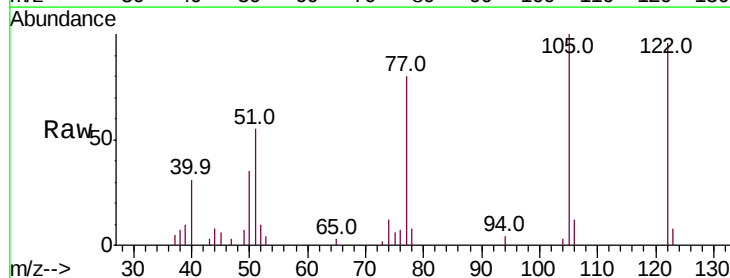


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

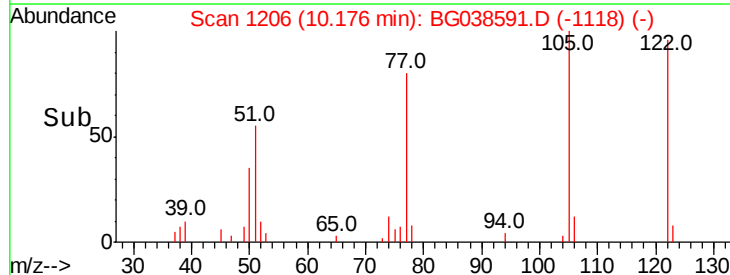
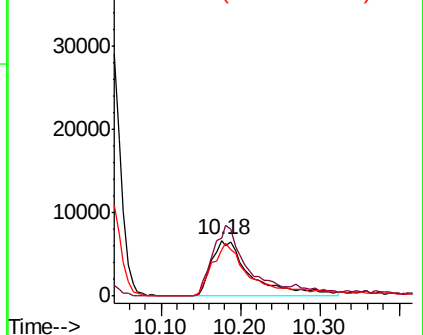


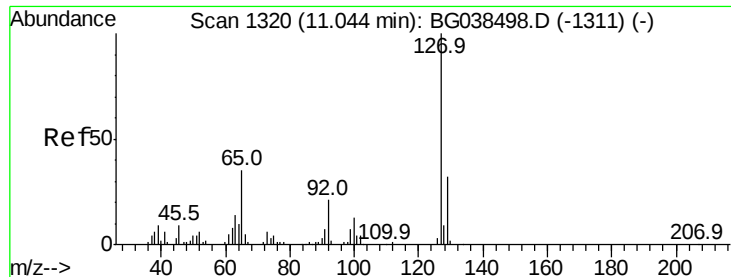
#32
Benzoic acid
Concen: 32.331 ng
RT: 10.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Tgt Ion:122 Resp: 23288
Ion Ratio Lower Upper
122 100
105 103.8 116.7 156.7#
77 82.9 72.5 112.5



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

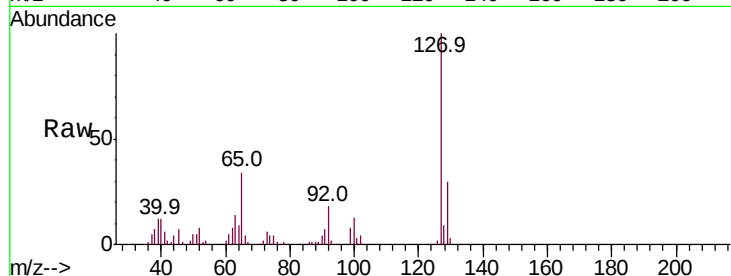




#33
4-Chloroaniline
Concen: 22.372 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Instrument :
BNA_G
ClientSampleId :
PB115539BS

Tot Ion:	127	Resp:	42955
Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.8	38.8
65	34.2	27.8	41.6
92	17.6	17.0	25.6



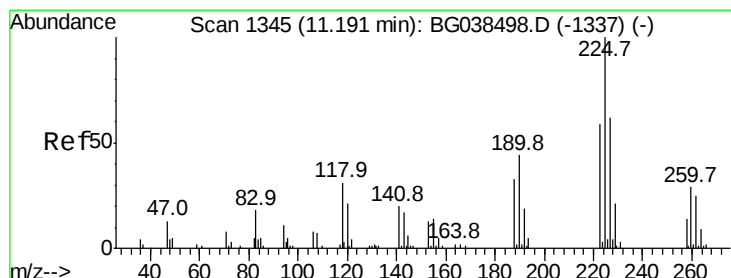
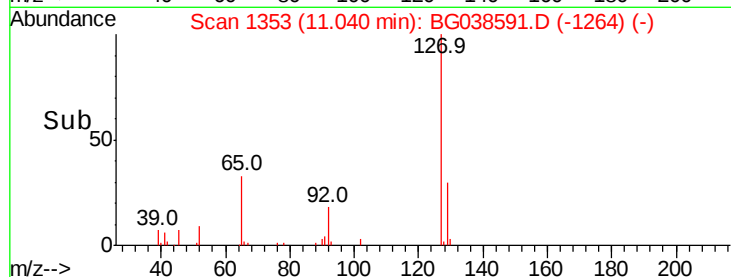
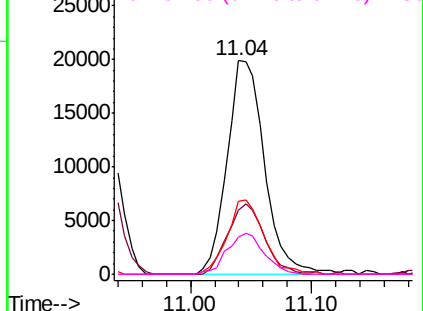
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

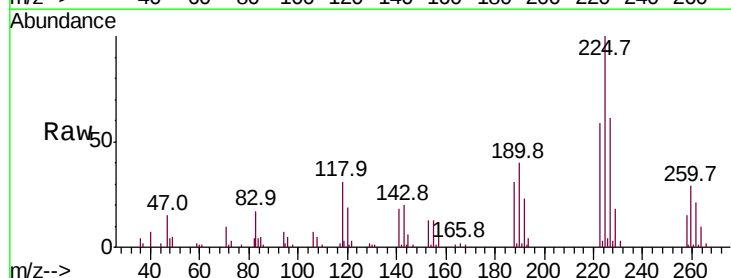
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 39.863 ng
RT: 11.19 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Tgt Ion:	225	Resp:	47257
Ion	Ratio	Lower	Upper
225	100		
223	56.3	45.0	67.6
227	61.4	50.6	75.8

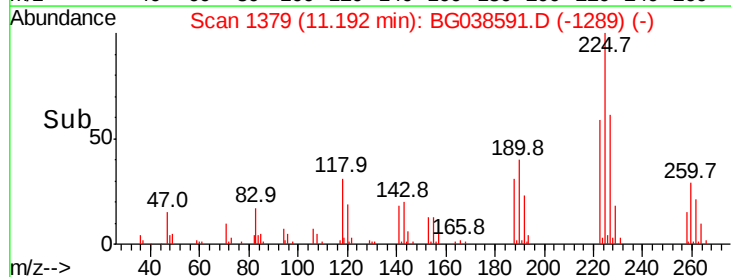
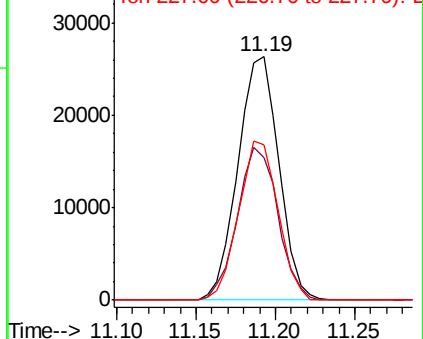


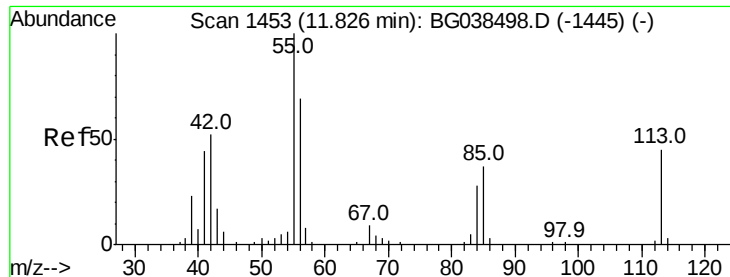
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.012 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

Instrument :

BNA_G

ClientSampleId :

PB115539BS

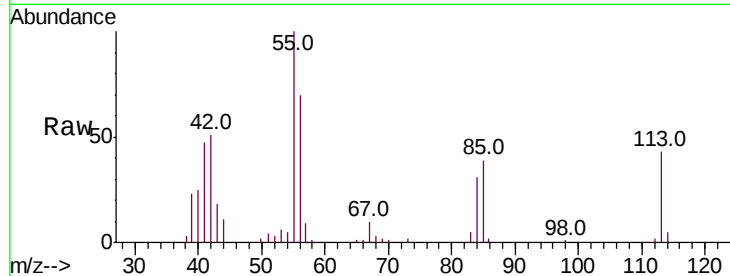
Tot Ion:113 Resp: 21616

Ion Ratio Lower Upper

113 100

55 230.1 204.3 244.3

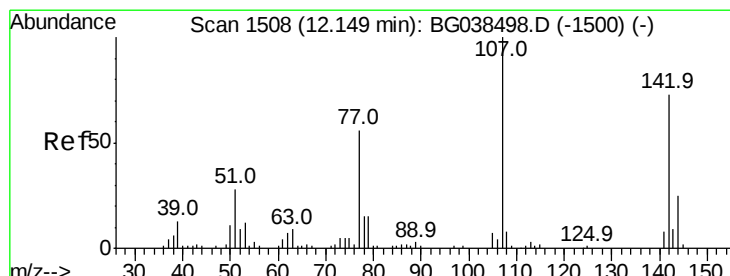
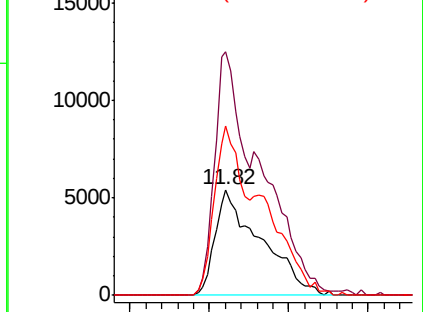
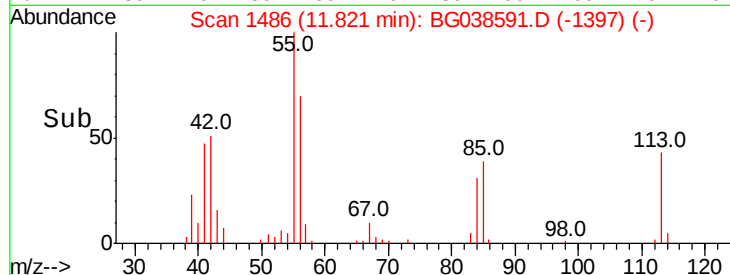
56 160.6 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.494 ng

RT: 12.15 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

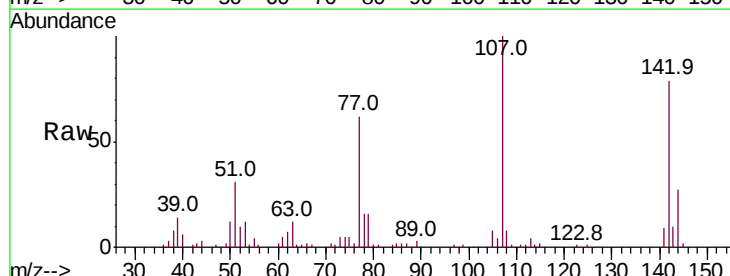
Tgt Ion:107 Resp: 67025

Ion Ratio Lower Upper

107 100

144 27.4 20.1 30.1

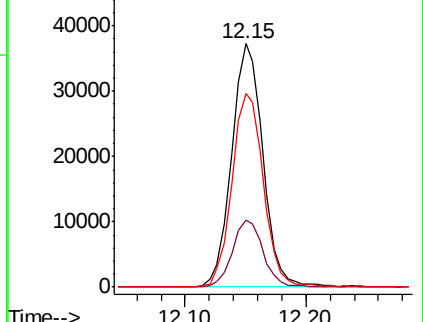
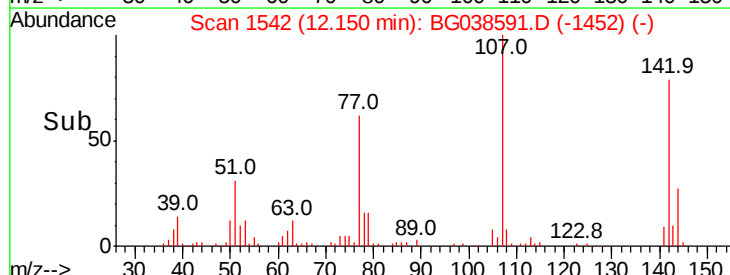
142 79.4 58.7 88.1

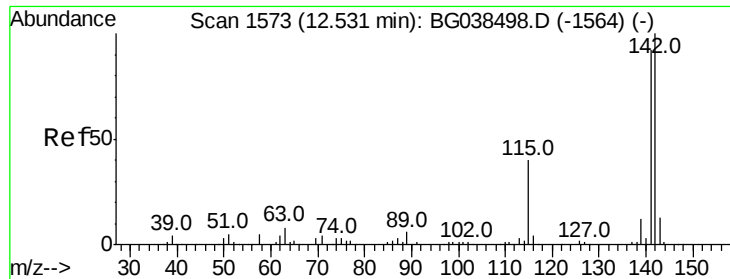


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

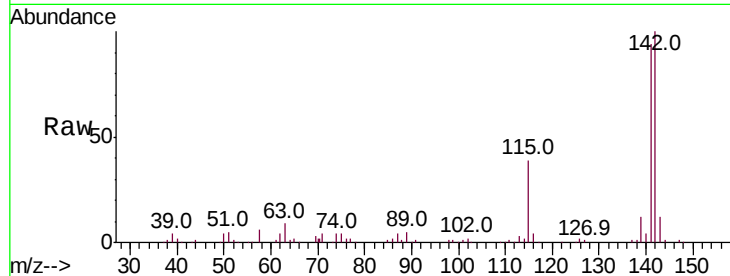




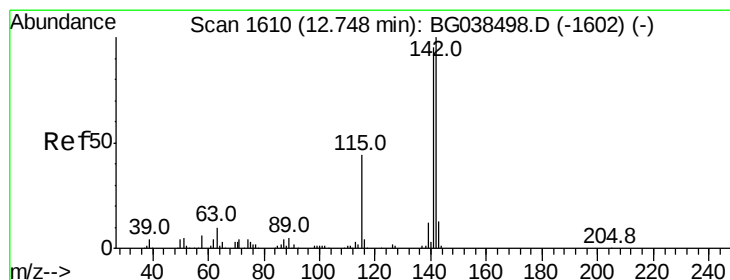
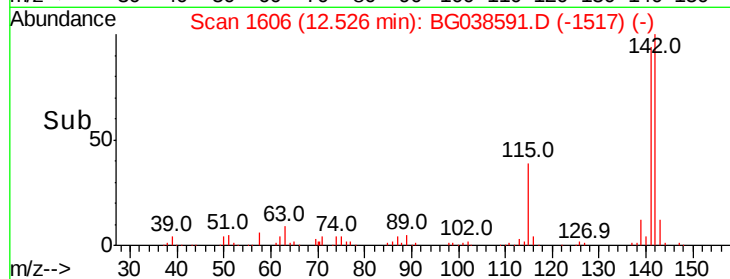
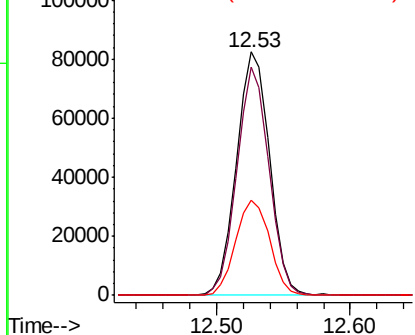
#37
2-Methylnaphthalene
Concen: 44.843 ng
RT: 12.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Instrument :
BNA_G
ClientSampleId :
PB115539BS

Tot Ion:142 Resp: 141483
Ion Ratio Lower Upper
142 100
141 93.5 73.5 110.3
115 39.1 31.7 47.5

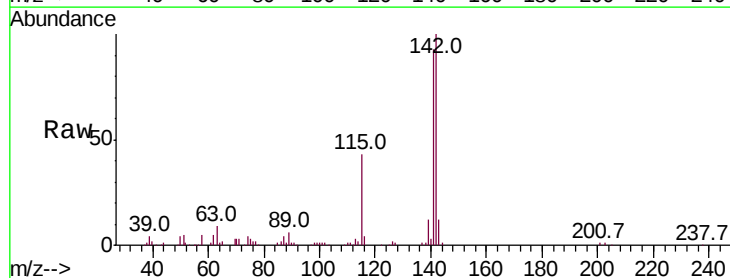


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

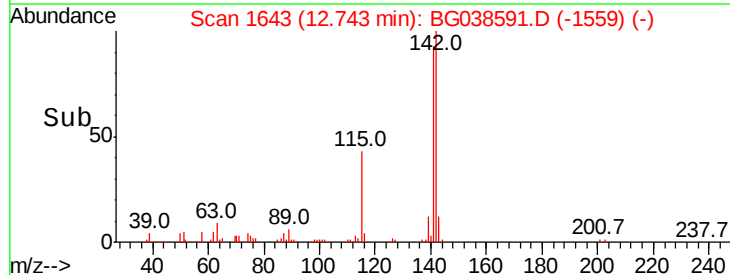
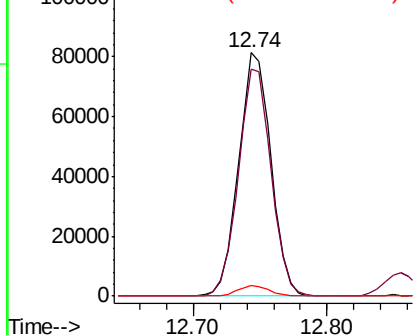


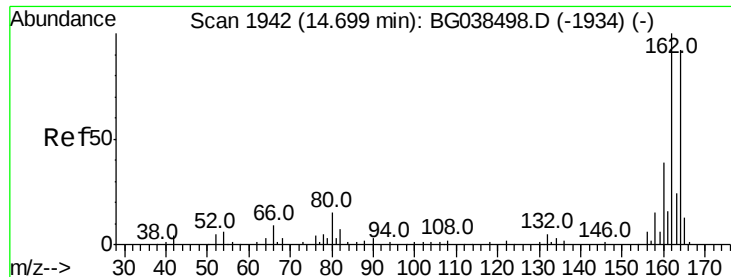
#38
1-Methylnaphthalene
Concen: 44.301 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Tgt Ion:142 Resp: 135632
Ion Ratio Lower Upper
142 100
141 93.4 75.8 113.8
116 4.3 3.6 5.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

Instrument :

BNA_G

ClientSampleId :

PB115539BS

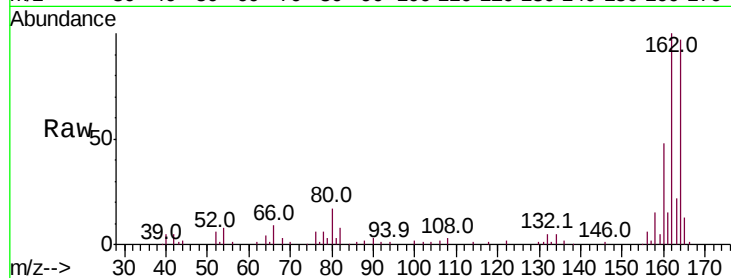
Tot Ion:164 Resp: 56033

Ion Ratio Lower Upper

164 100

162 103.2 86.6 130.0

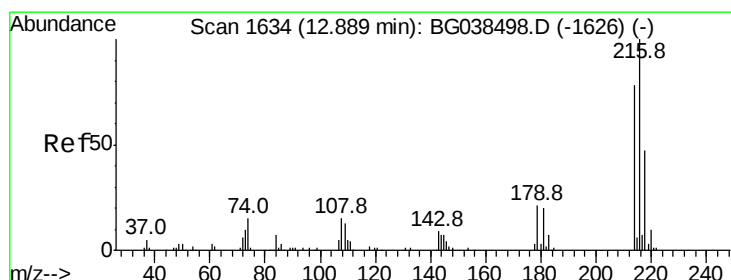
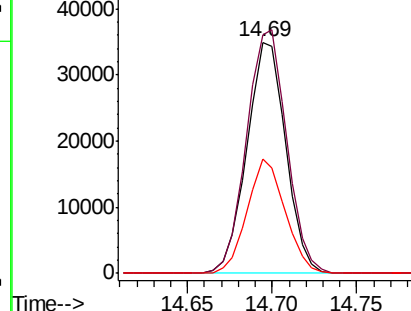
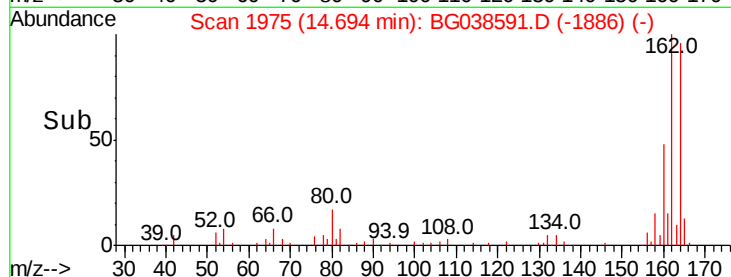
160 49.6 34.2 51.2



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: 40.234 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

Tgt Ion:216 Resp: 84269

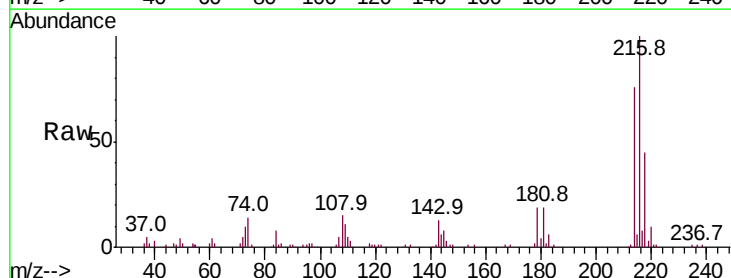
Ion Ratio Lower Upper

216 100

214 78.3 64.1 96.1

179 19.5 16.4 24.6

108 19.1 13.9 20.9

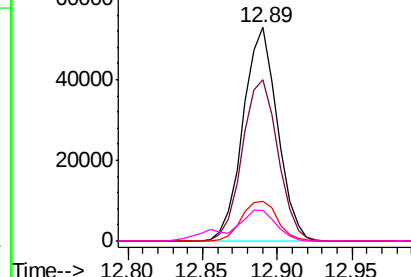
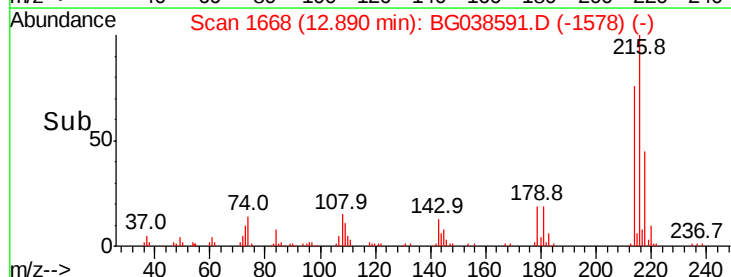


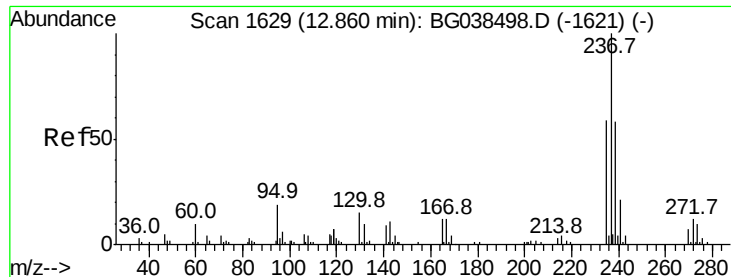
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 99.209 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

Instrument :

BNA_G

ClientSampleId :

PB115539BS

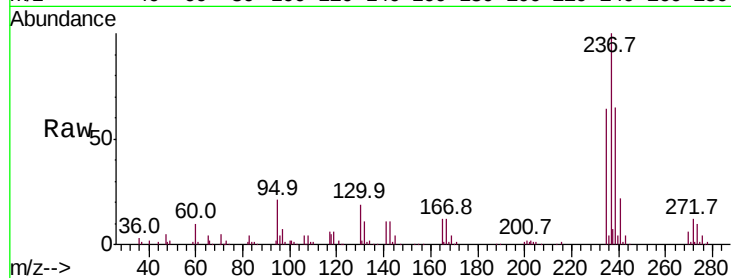
Tot Ion:237 Resp: 114160

Ion	Ratio	Lower	Upper
237	100		
235	64.0	38.8	78.8
272	12.0	0.0	32.0

237 100

235 64.0 38.8 78.8

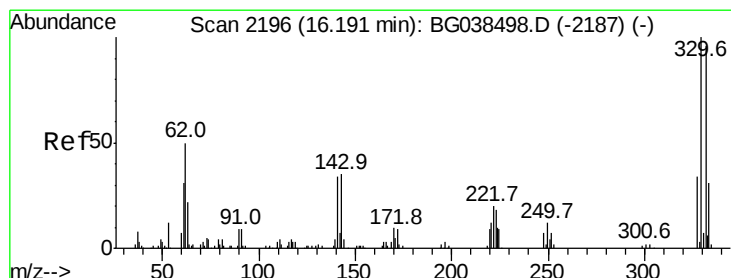
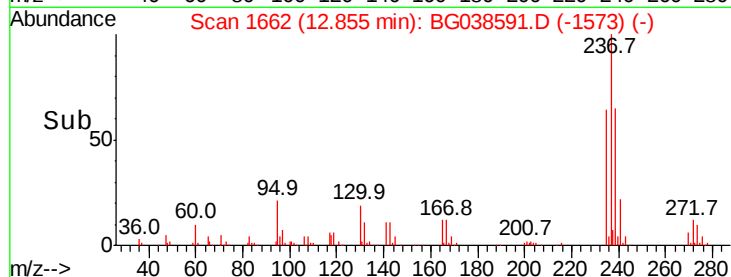
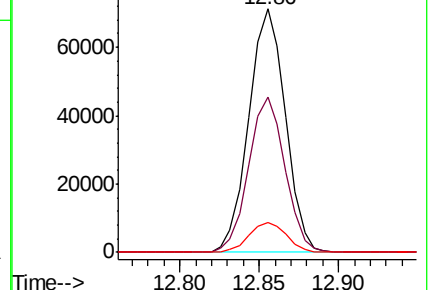
272 12.0 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 117.677 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

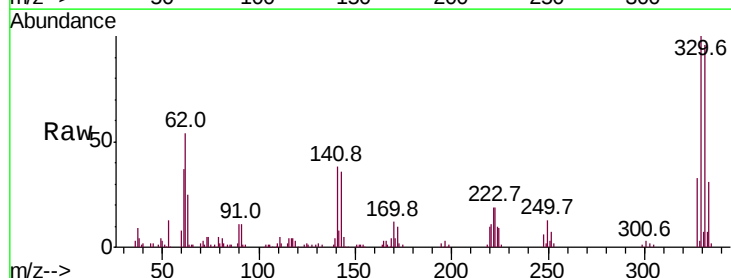
Tgt Ion:330 Resp: 90874

Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.9	115.3
141	38.2	28.8	43.2

330 100

332 94.3 76.9 115.3

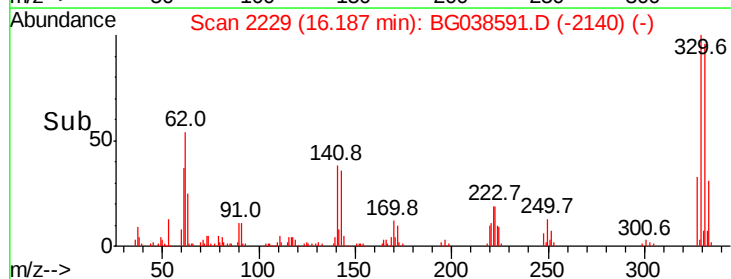
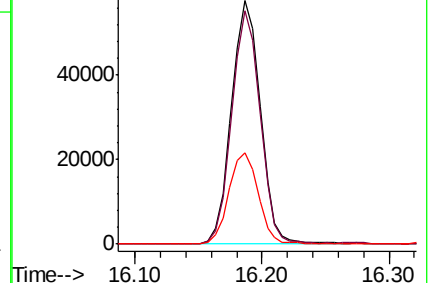
141 38.2 28.8 43.2

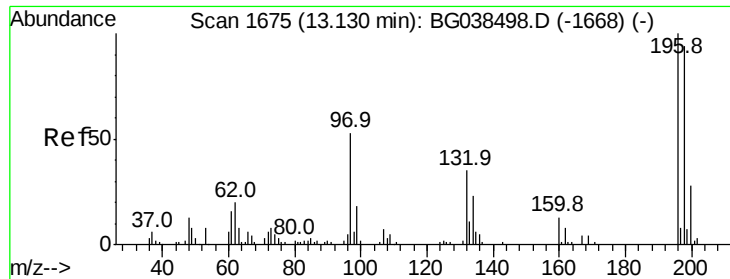


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

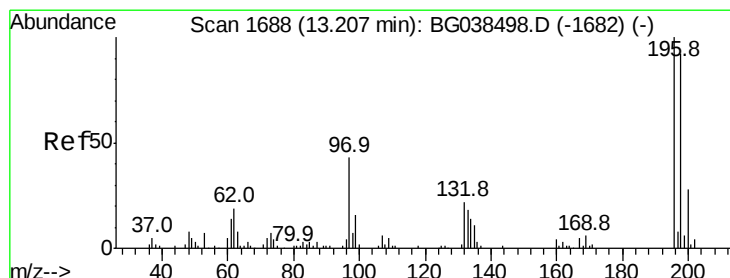
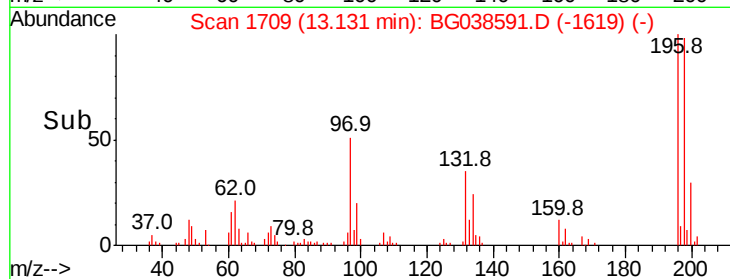
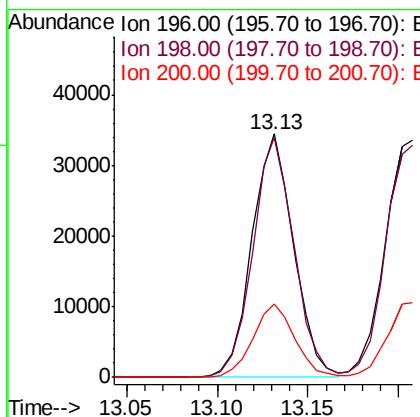
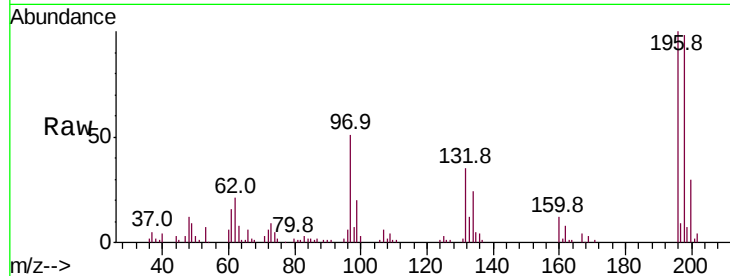




#43
 2,4,6-Trichlorophenol
 Concen: 42.680 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

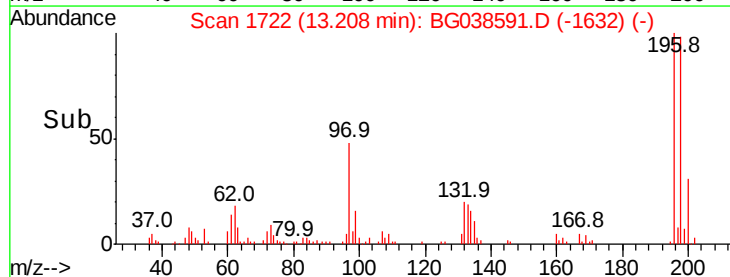
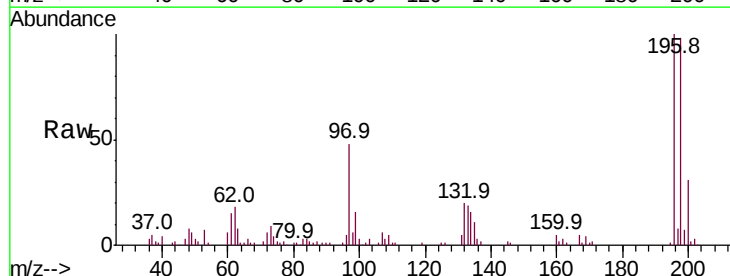
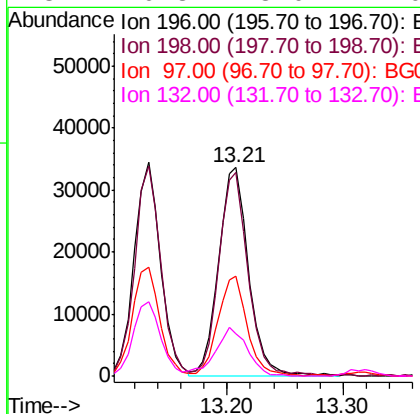
Instrument :
 BNA_G
 ClientSampleId :
 PB115539BS

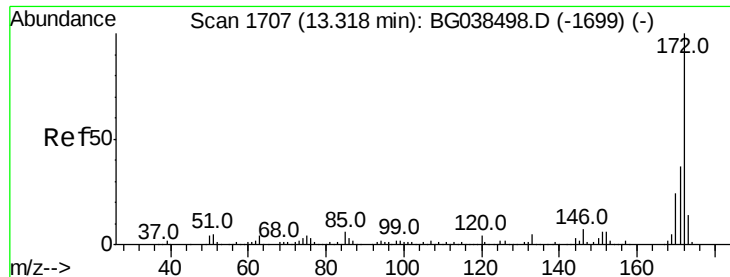
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.5	75.0	112.4
200	30.2	22.4	33.6



#44
 2,4,5-Trichlorophenol
 Concen: 44.445 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	74.0	111.0
97	47.8	35.1	52.7
132	20.3	18.0	27.0

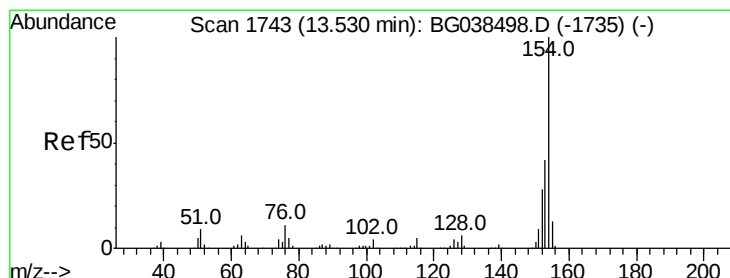
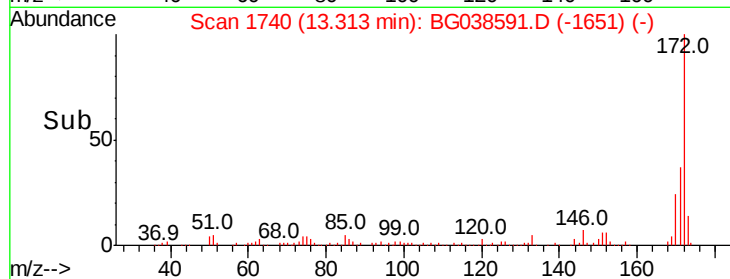
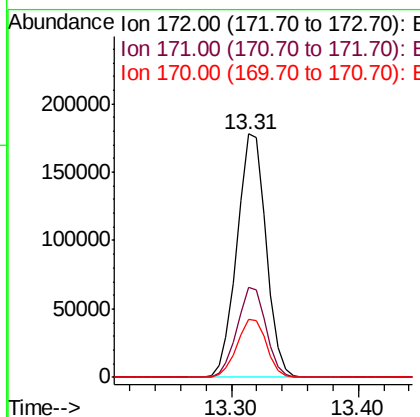
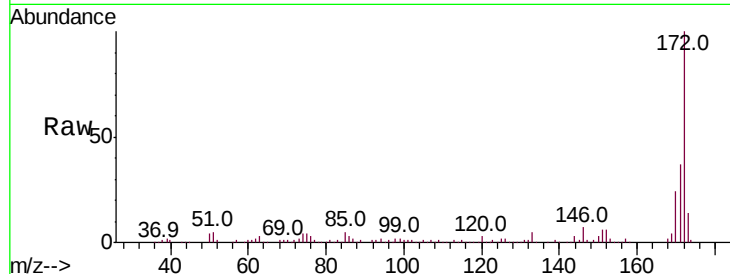




#45
 2-Fluorobiphenyl
 Concen: 69.156 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

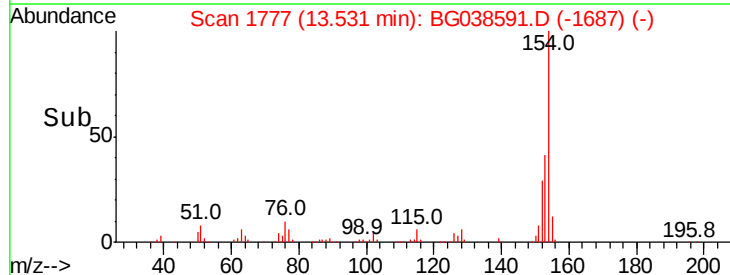
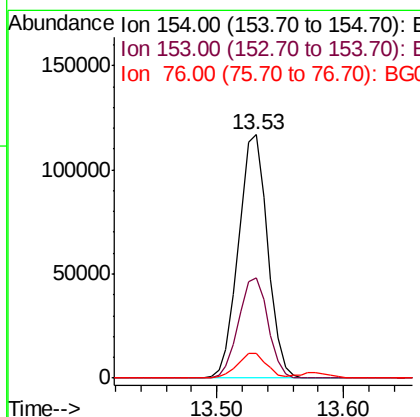
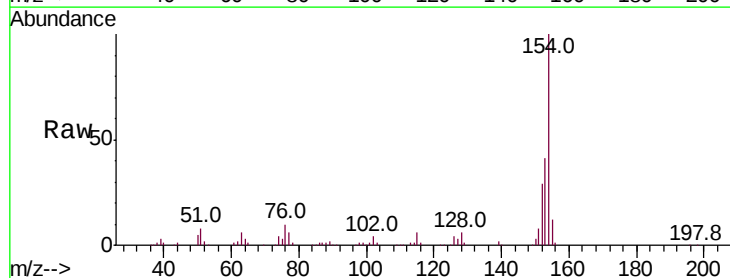
Instrument :
 BNA_G
 ClientSampleId :
 PB115539BS

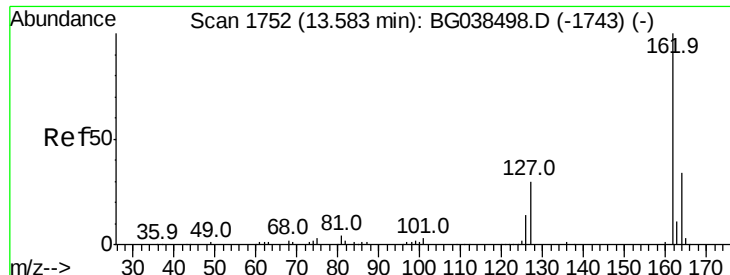
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	23.9	19.5	29.3



#46
 1,1'-Biphenyl
 Concen: 39.481 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.1	62.1
76	10.4	0.0	31.2

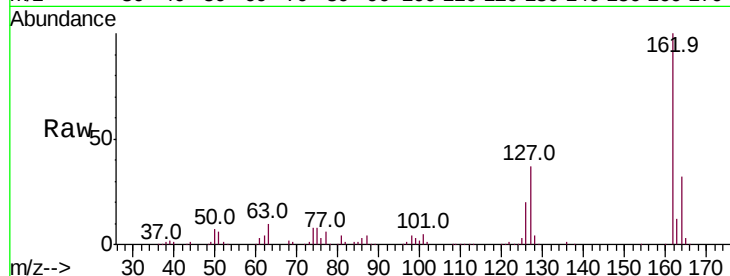




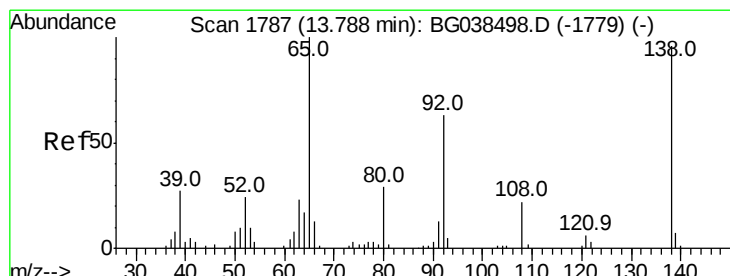
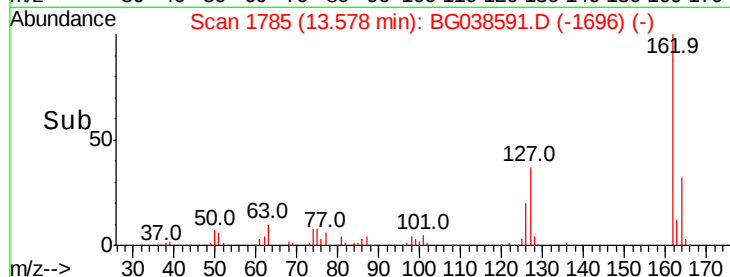
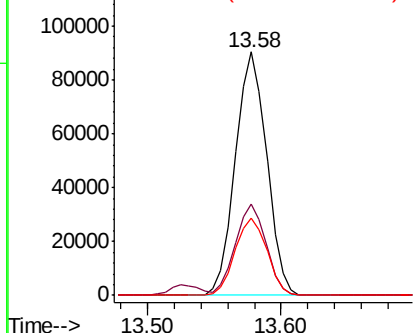
#47
 2-Chloronaphthalene
 Concen: 40.644 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

Instrument :
 BNA_G
 ClientSampleId :
 PB115539BS

Tot Ion:162 Resp: 147476
 Ion Ratio Lower Upper
 162 100
 127 37.5 27.8 41.8
 164 32.0 26.9 40.3

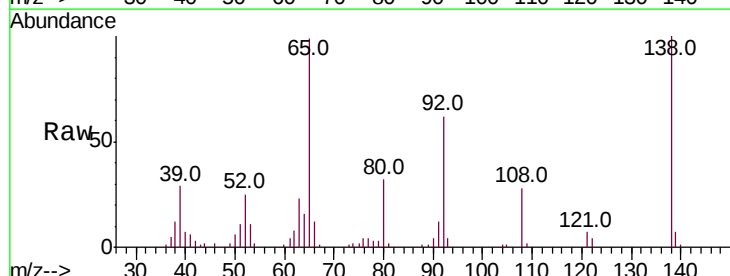


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

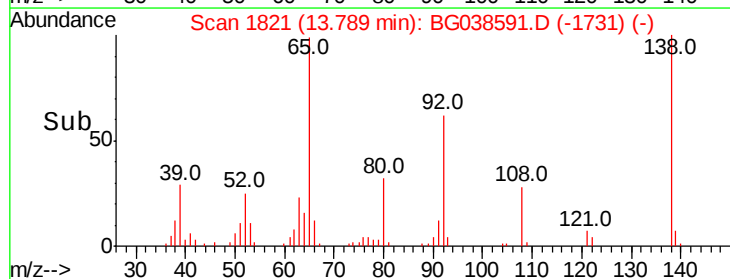
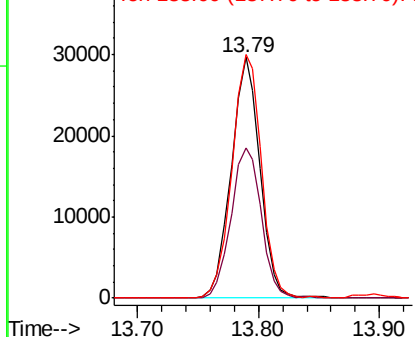


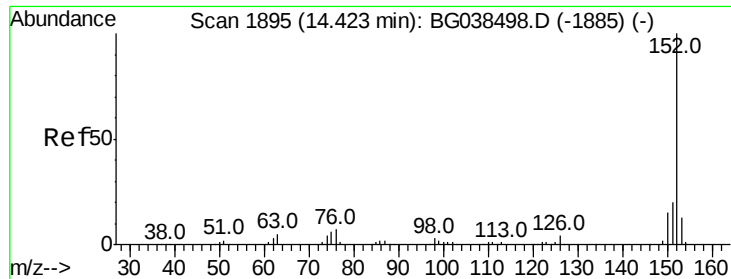
#48
 2-Nitroaniline
 Concen: 42.493 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

Tgt Ion: 65 Resp: 49112
 Ion Ratio Lower Upper
 65 100
 92 62.2 50.0 75.0
 138 101.1 76.9 115.3



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





#49

Acenaphthylene

Concen: 43.933 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

Instrument :

BNA_G

ClientSampleId :

PB115539BS

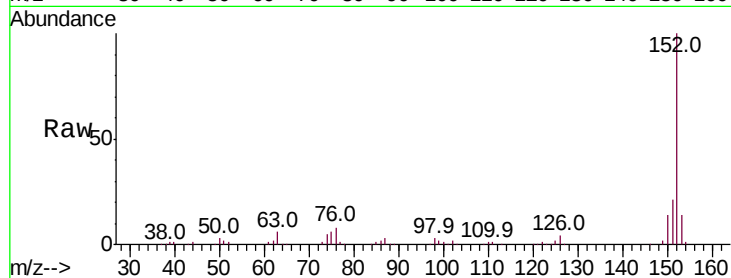
Tot Ion:152 Resp: 238310

Ion Ratio Lower Upper

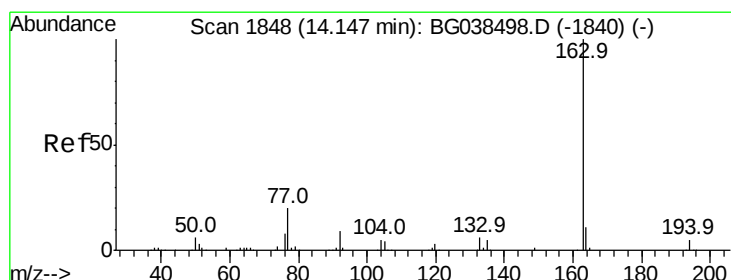
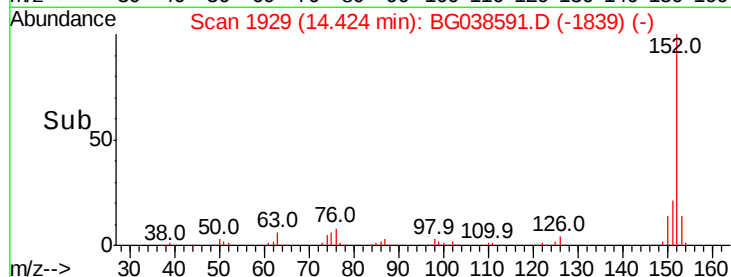
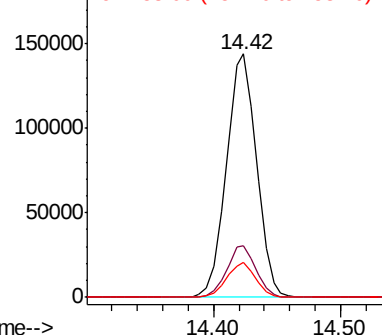
152 100

151 21.2 16.4 24.6

153 14.1 10.4 15.6



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



#50

Dimethylphthalate

Concen: 41.891 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

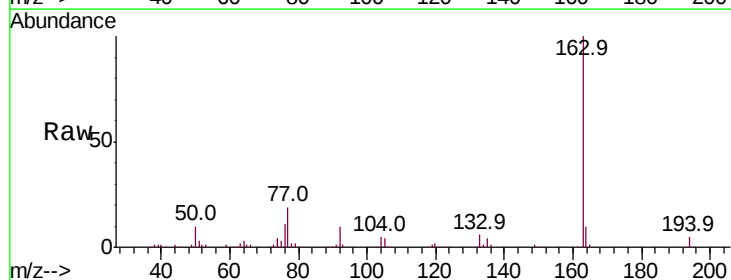
Tgt Ion:163 Resp: 191689

Ion Ratio Lower Upper

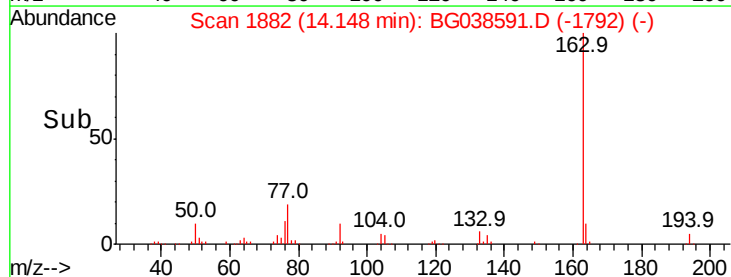
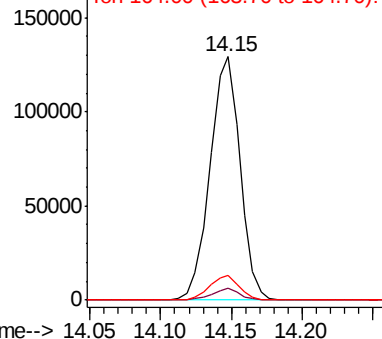
163 100

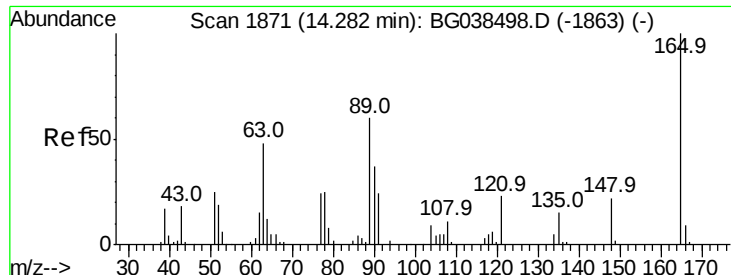
194 4.7 3.7 5.5

164 10.3 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

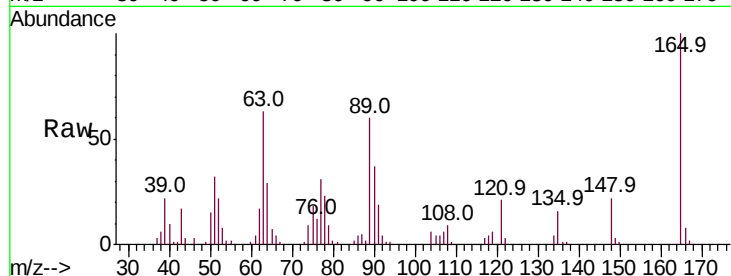




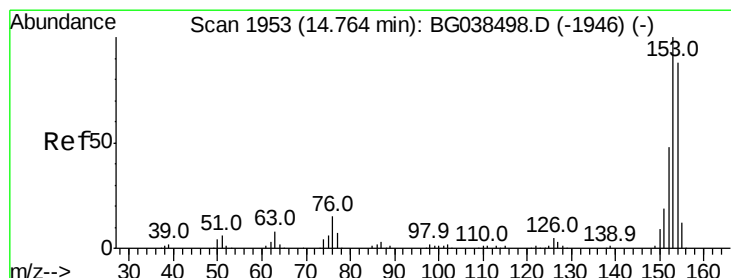
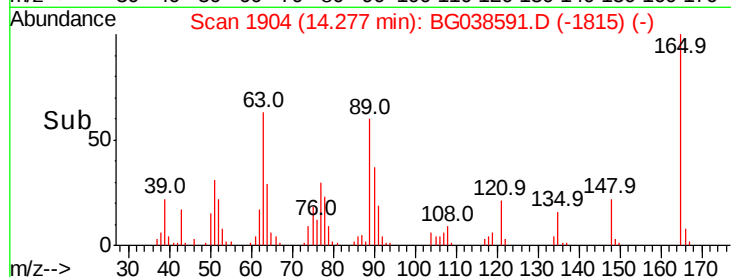
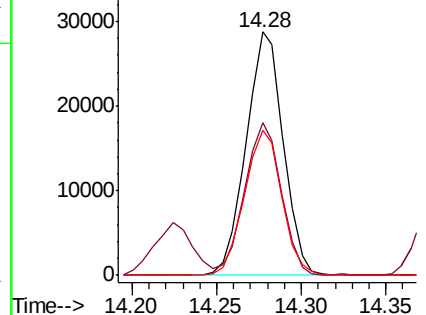
#51
2,6-Dinitrotoluene
Concen: 42.433 ng
RT: 14.28 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Instrument :
BNA_G
ClientSampleId :
PB115539BS

Tot Ion:165 Resp: 44002
Ion Ratio Lower Upper
165 100
63 62.9 51.8 77.6
89 59.8 47.9 71.9

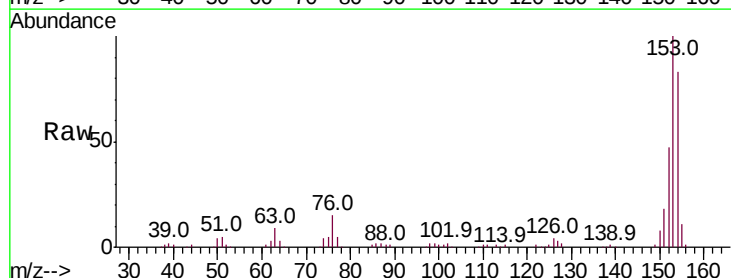


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

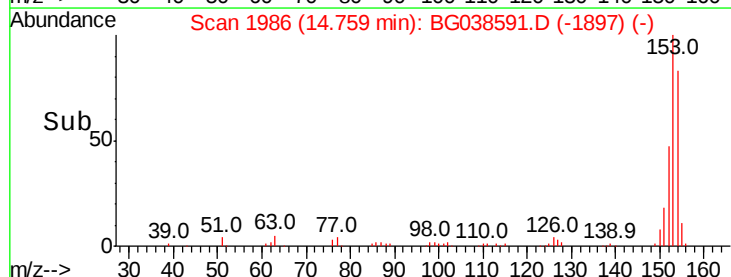
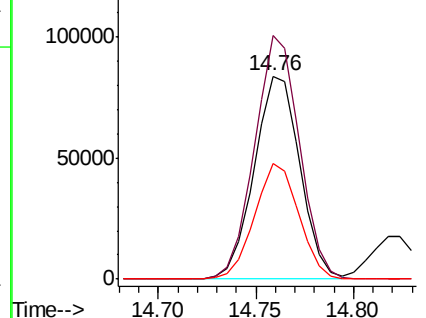


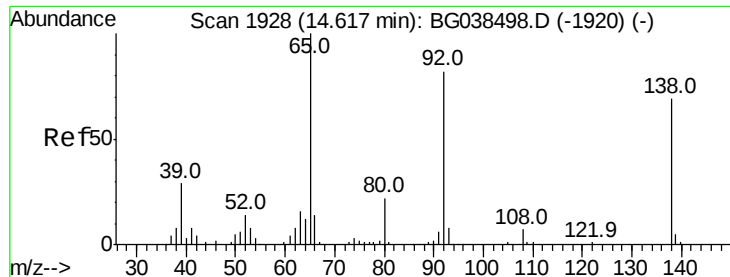
#52
Acenaphthene
Concen: 41.862 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Tgt Ion:154 Resp: 135785
Ion Ratio Lower Upper
154 100
153 120.0 90.6 136.0
152 57.0 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

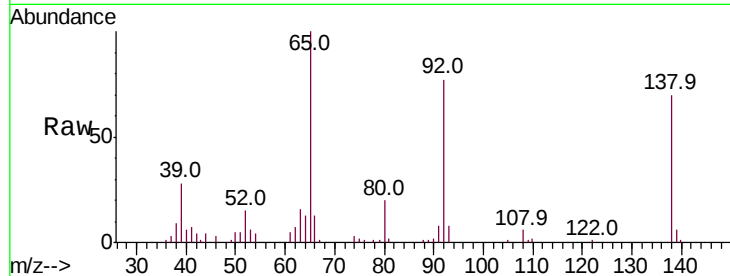




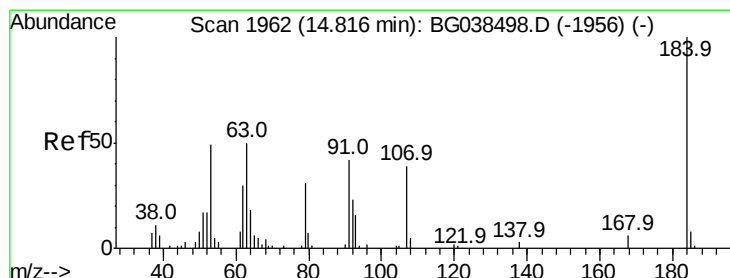
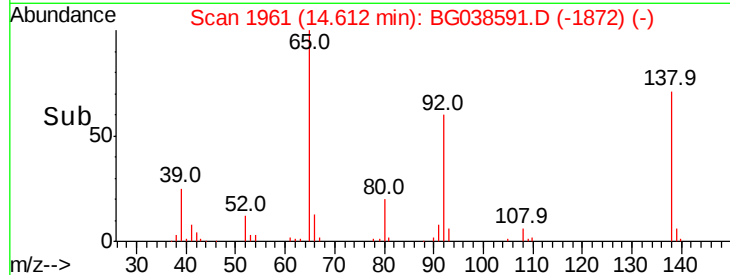
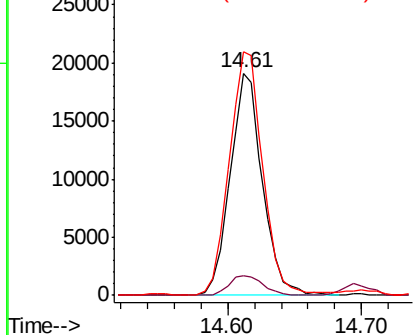
#53
3-Nitroaniline
Concen: 30.340 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Instrument :
BNA_G
ClientSampleId :
PB115539BS

Tot Ion:138 Resp: 32071
Ion Ratio Lower Upper
138 100
108 9.1 7.9 11.9
92 109.6 95.3 142.9

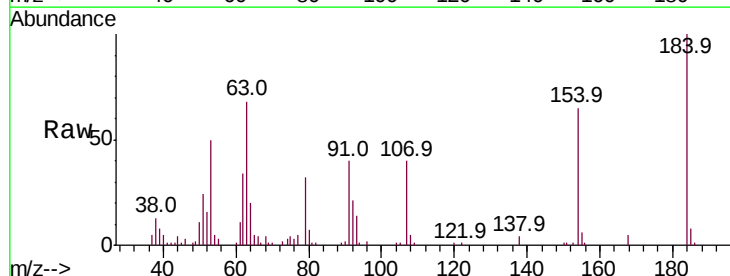


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

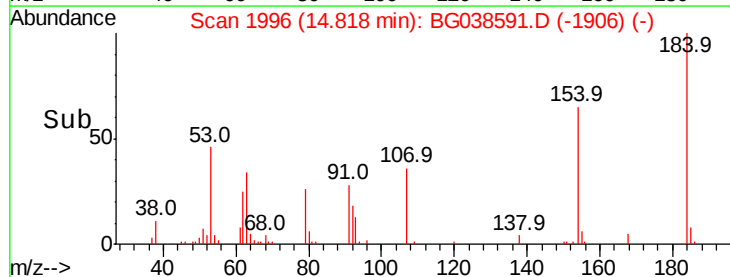
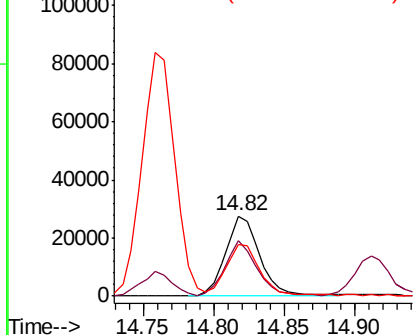


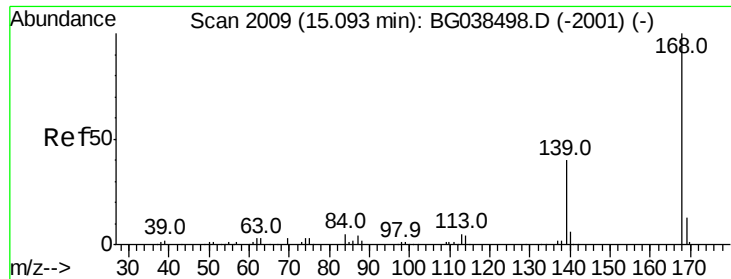
#54
2,4-Dinitrophenol
Concen: 75.949 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Tgt Ion:184 Resp: 46687
Ion Ratio Lower Upper
184 100
63 68.4 47.0 70.6
154 64.6 50.3 75.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

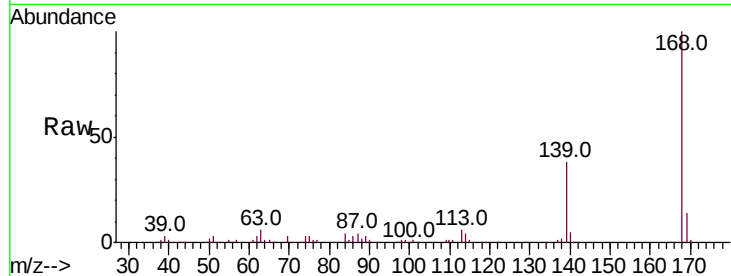




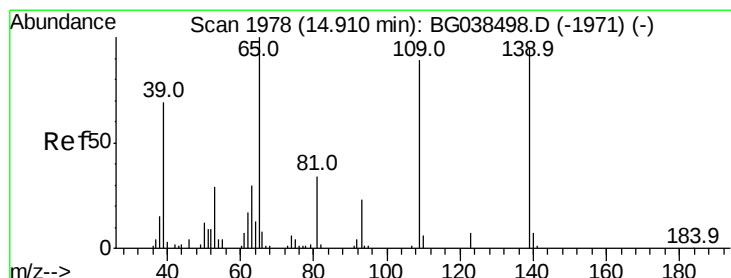
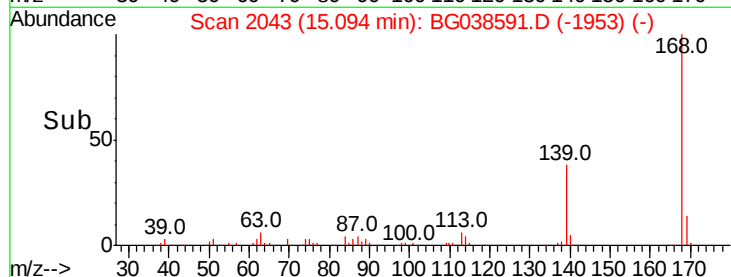
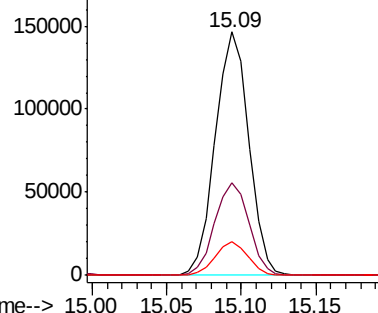
#55
Dibenzenofuran
Concen: 40.794 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Instrument :
BNA_G
ClientSampleId :
PB115539BS

Tot Ion:168 Resp: 226818
Ion Ratio Lower Upper
168 100
139 38.2 32.2 48.2
169 14.0 10.6 16.0

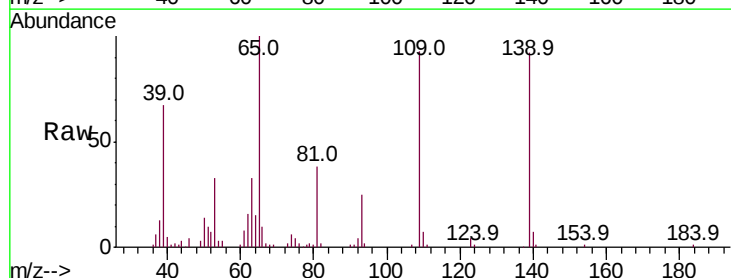


Abundance Ion 168.00 (167.70 to 168.70): E
200000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

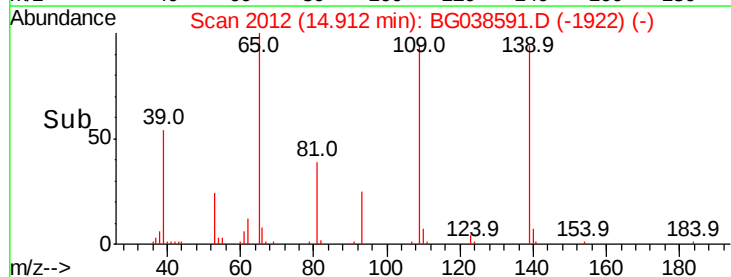
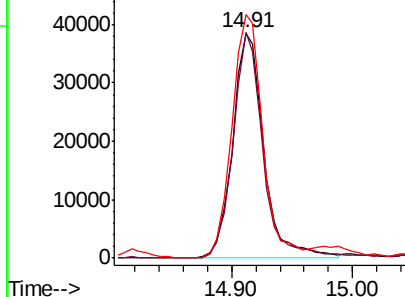


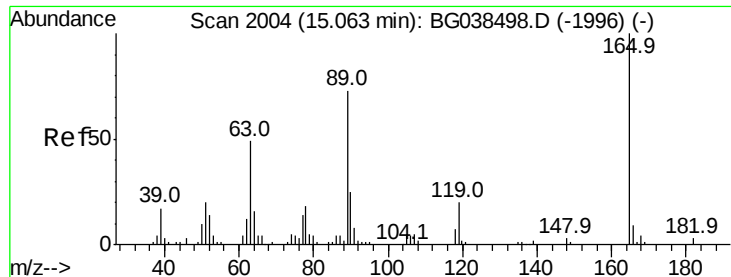
#56
4-Nitrophenol
Concen: 85.841 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Tgt Ion:139 Resp: 68837
Ion Ratio Lower Upper
139 100
109 100.4 73.6 113.6
65 108.4 84.8 124.8



Abundance Ion 139.00 (138.70 to 139.70): E
50000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG

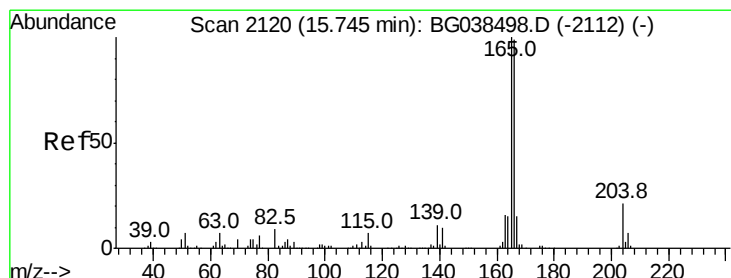
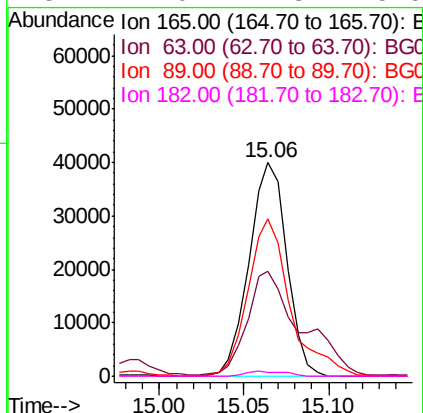
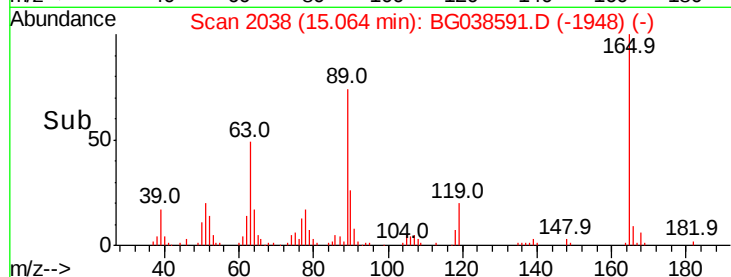
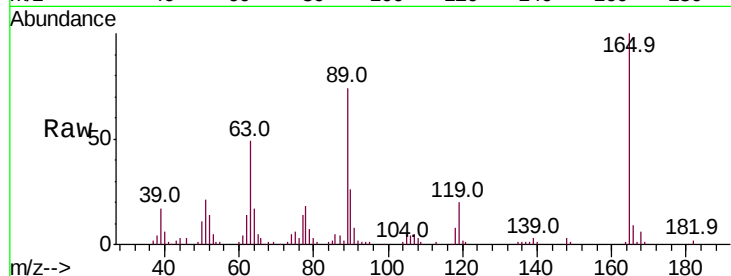




#57
2,4-Dinitrotoluene
Concen: 42.519 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

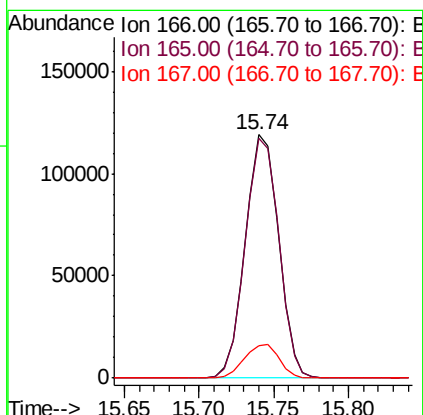
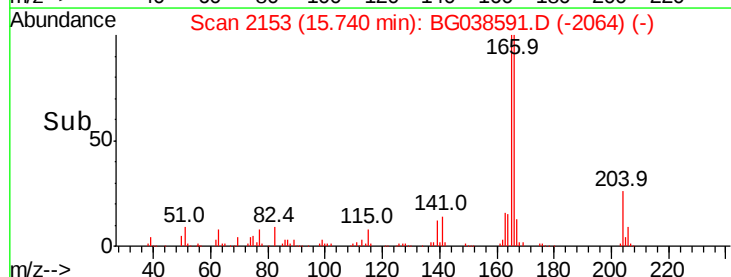
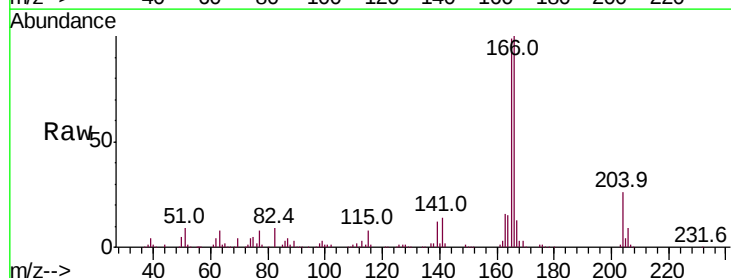
Instrument :
BNA_G
ClientSampleId :
PB115539BS

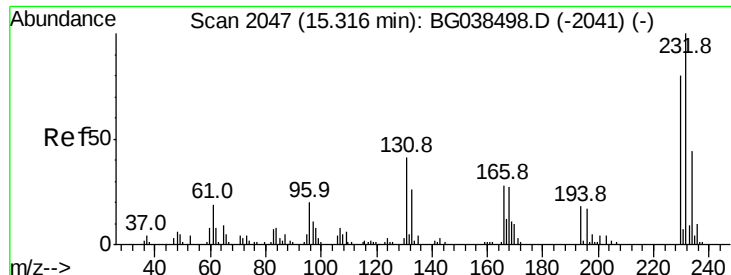
Tot Ion:165 Resp: 62100
Ion Ratio Lower Upper
165 100
63 49.0 39.0 58.4
89 73.6 58.0 87.0
182 2.0 2.3 3.5#



#58
Fluorene
Concen: 44.734 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Tgt Ion:166 Resp: 184274
Ion Ratio Lower Upper
166 100
165 98.5 80.6 120.8
167 13.5 12.0 18.0

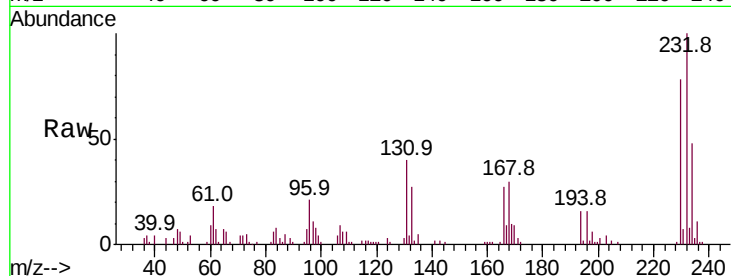




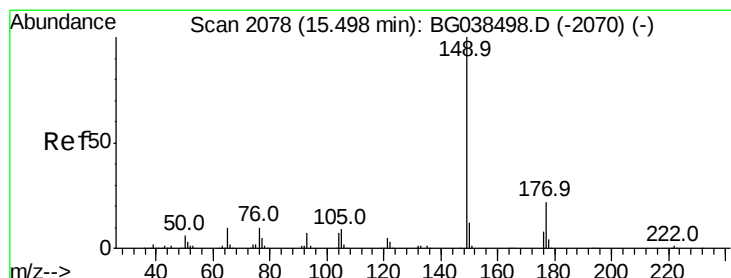
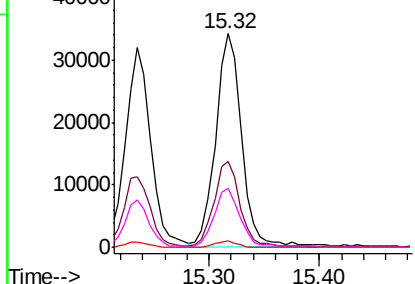
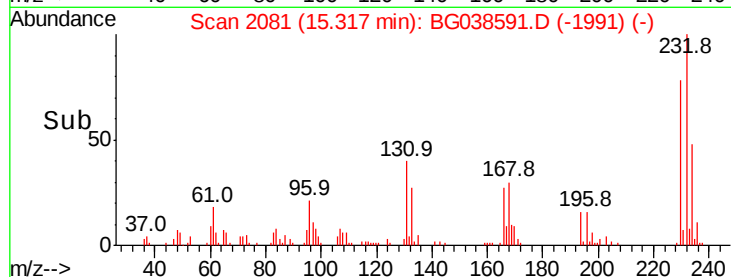
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.948 ng
RT: 15.32 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Instrument :
BNA_G
ClientSampleId :
PB115539BS

Tot Ion:232 Resp: 55140
Ion Ratio Lower Upper
232 100
131 41.3 33.0 49.4
130 2.4 2.0 3.0
166 28.0 23.1 34.7

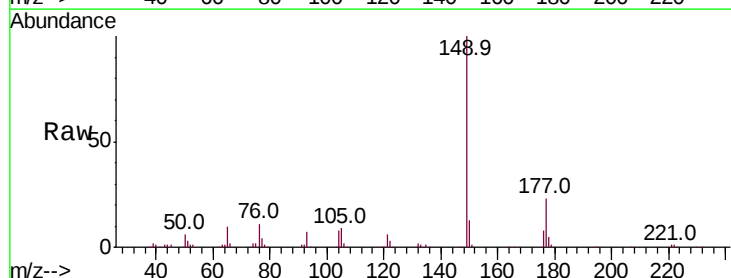


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

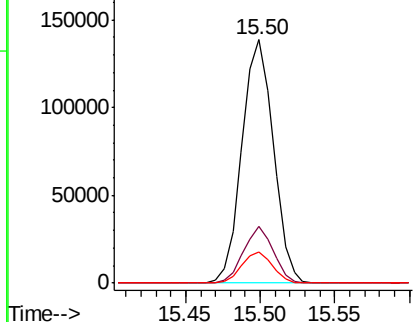
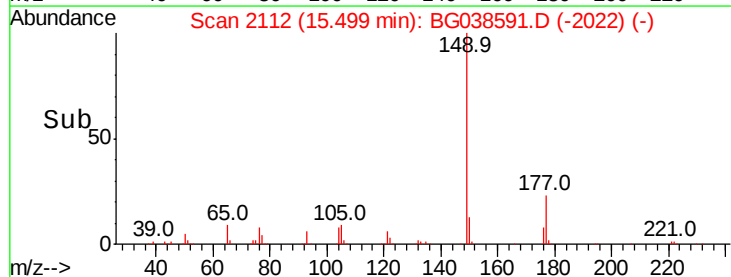


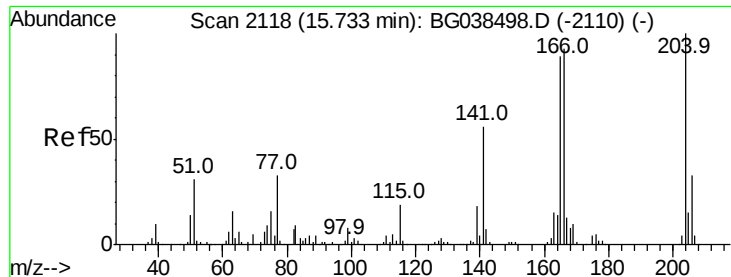
#60
Diethylphthalate
Concen: 40.265 ng
RT: 15.50 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Tgt Ion:149 Resp: 202261
Ion Ratio Lower Upper
149 100
177 23.1 17.7 26.5
150 12.6 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

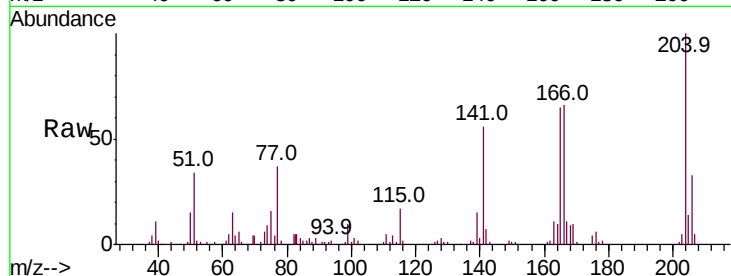




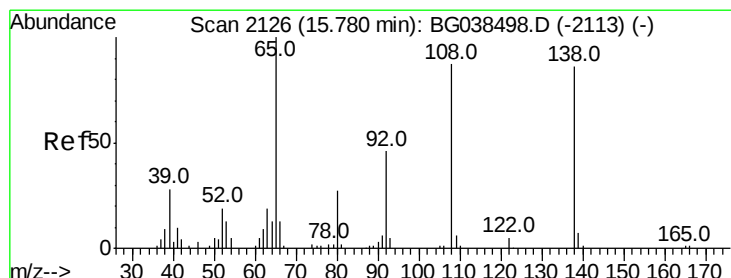
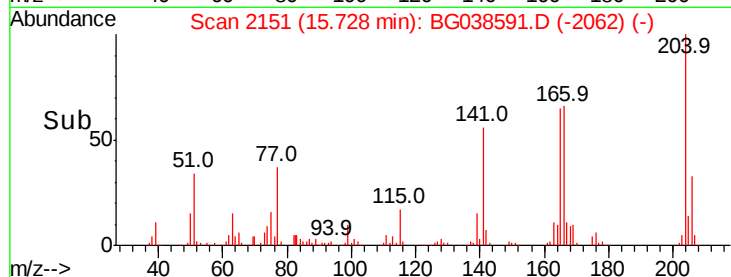
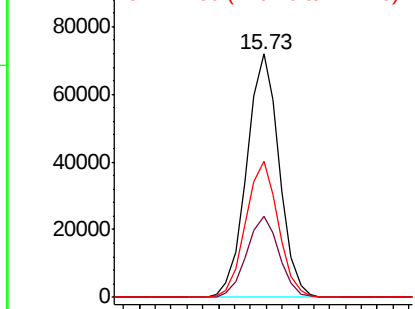
#61
4-Chlorophenyl-phenylether
Concen: 39.716 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Instrument :
BNA_G
ClientSampleID :
PB115539BS

Tot Ion:204 Resp: 102079
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 55.9 44.4 66.6

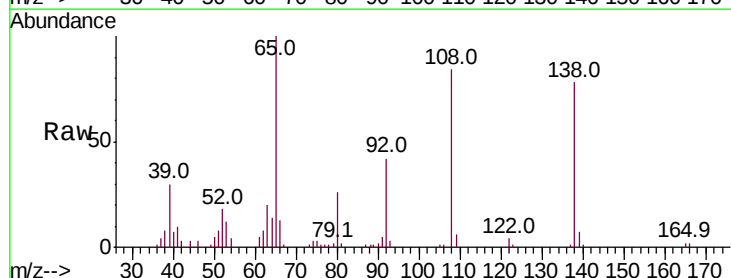


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

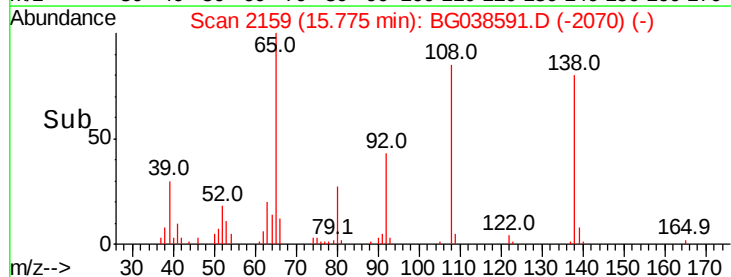
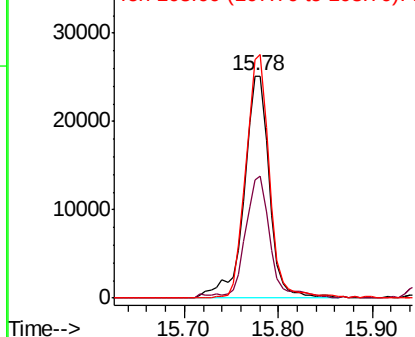


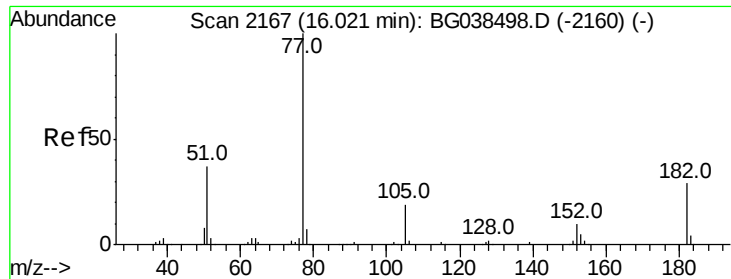
#62
4-Nitroaniline
Concen: 42.871 ng
RT: 15.78 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Tgt Ion:138 Resp: 46655
Ion Ratio Lower Upper
138 100
92 53.2 33.3 73.3
108 107.6 81.4 121.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.432 ng

RT: 16.02 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

Instrument :

BNA_G

ClientSampleId :

PB115539BS

Tot Ion: 77 Resp: 173863

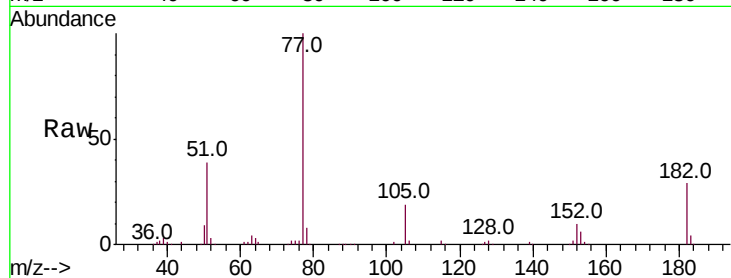
Ion Ratio Lower Upper

77 100

182 28.9 8.7 48.7

105 18.8 0.0 38.7

51 38.6 16.6 56.6

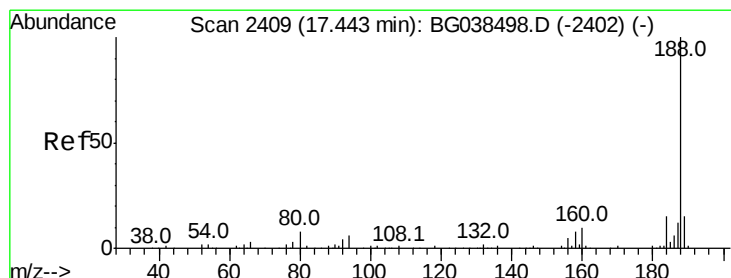
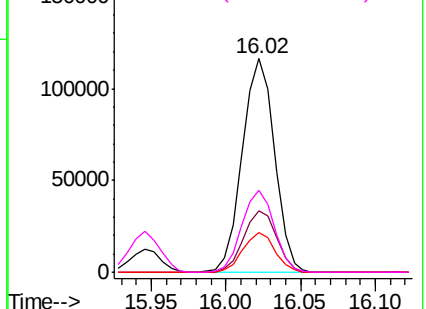
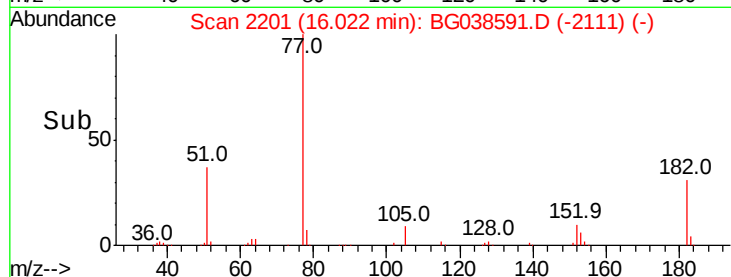


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG038591.D

Acq: 15 Dec 2018 6:18

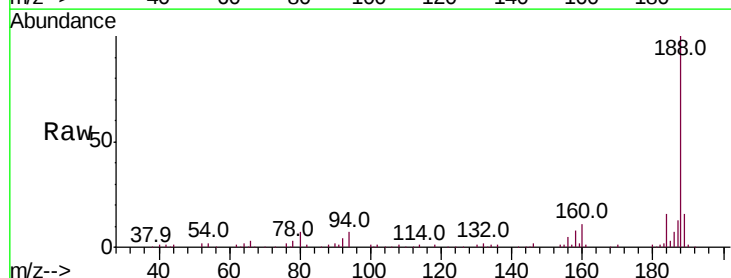
Tgt Ion: 188 Resp: 142884

Ion Ratio Lower Upper

188 100

94 6.8 5.1 7.7

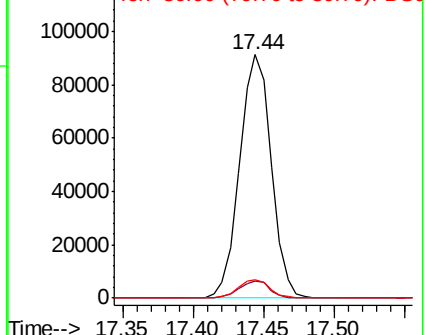
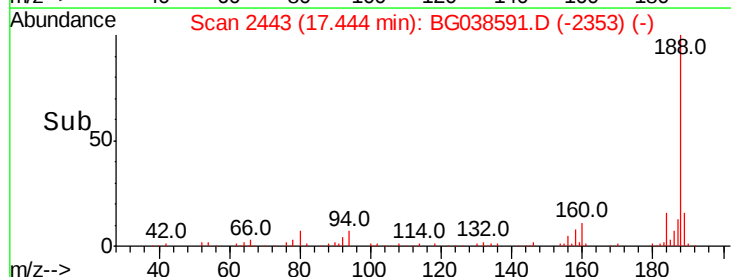
80 7.3 6.1 9.1

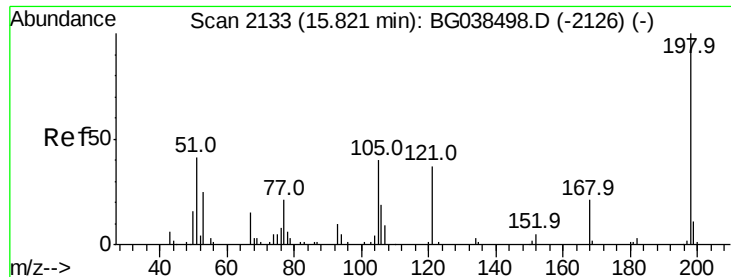


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

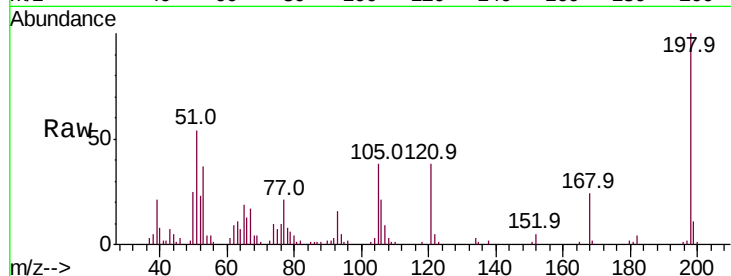




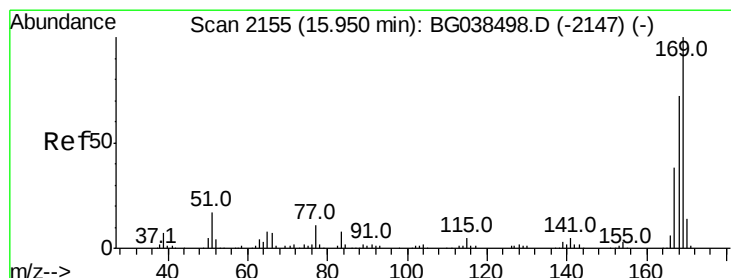
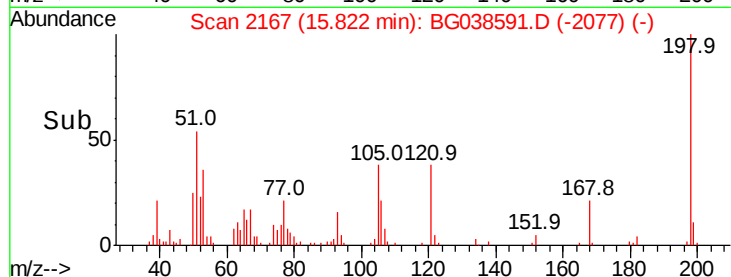
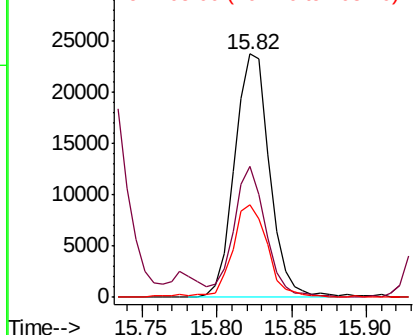
#65
4,6-Dinitro-2-methylphenol
Concen: 38.137 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Instrument :
BNA_G
ClientSampleId :
PB115539BS

Tot Ion:198 Resp: 38872
Ion Ratio Lower Upper
198 100
51 53.6 28.6 68.6
105 38.2 20.4 60.4

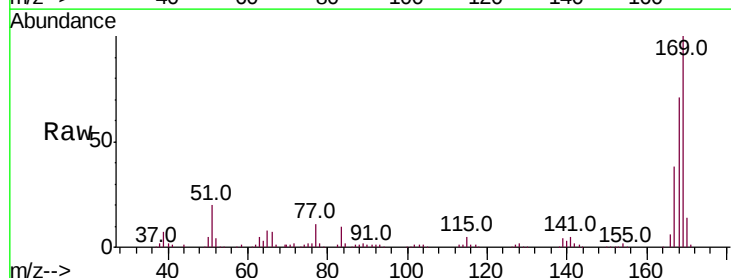


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

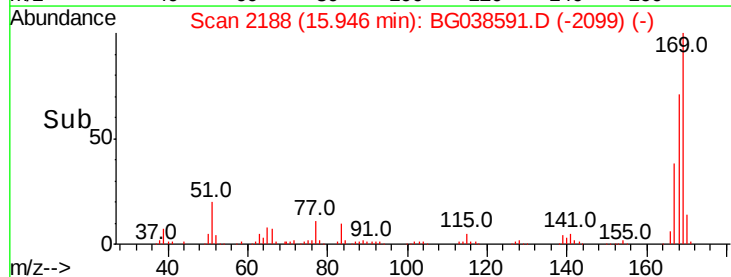
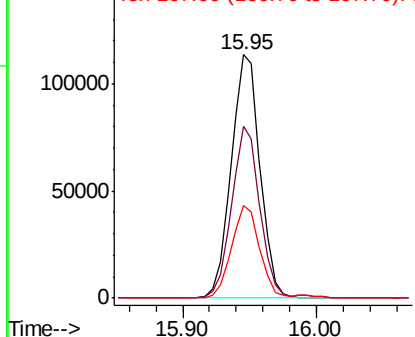


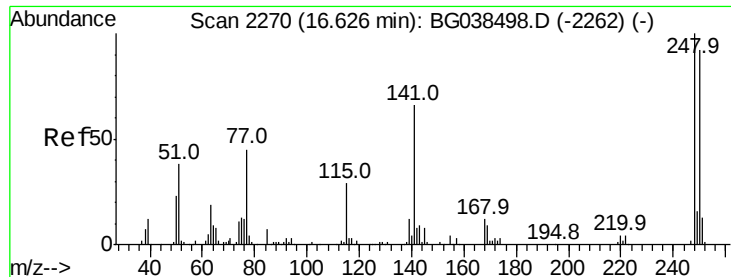
#66
n-Nitrosodiphenylamine
Concen: 40.525 ng
RT: 15.95 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Tgt Ion:169 Resp: 170136
Ion Ratio Lower Upper
169 100
168 70.6 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

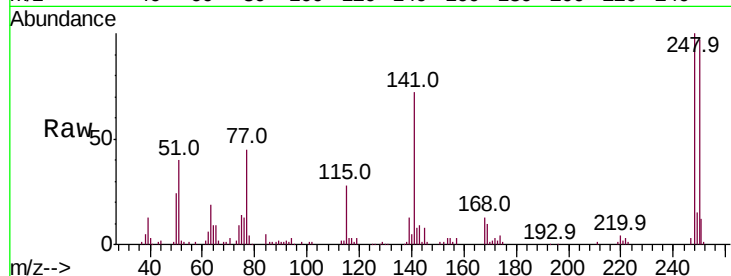




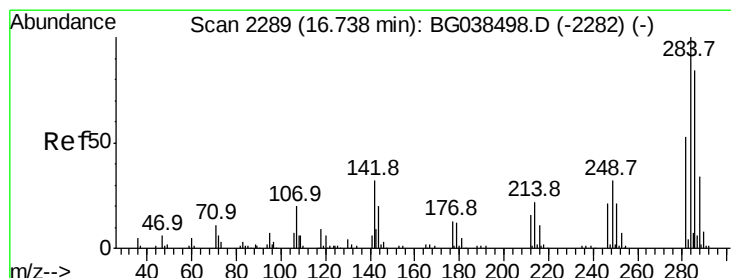
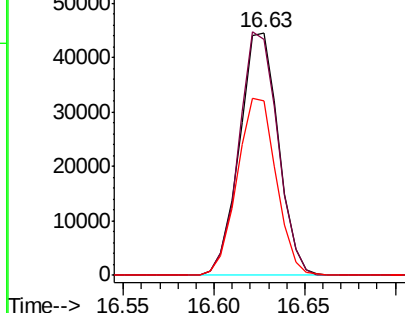
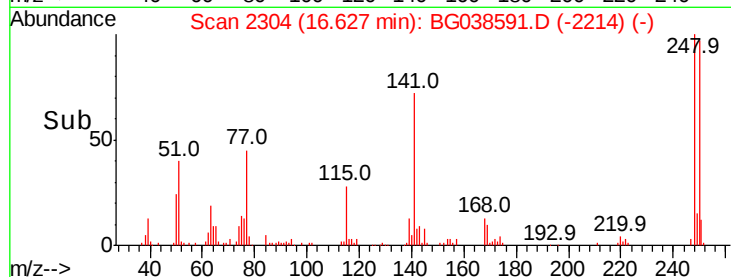
#67
4-Bromophenyl-phenylether
Concen: 38.069 ng
RT: 16.63 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Instrument :
BNA_G
ClientSampleId :
PB115539BS

Tot Ion:248 Resp: 66432
Ion Ratio Lower Upper
248 100
250 97.3 73.4 110.2
141 72.0 52.9 79.3

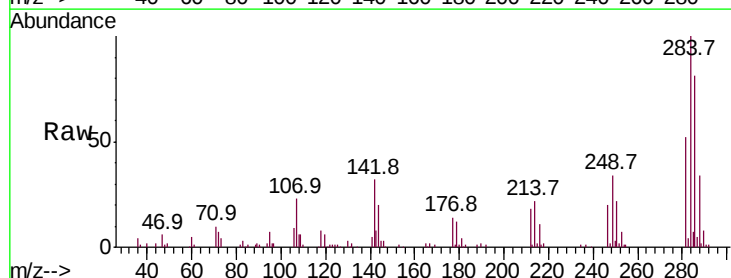


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

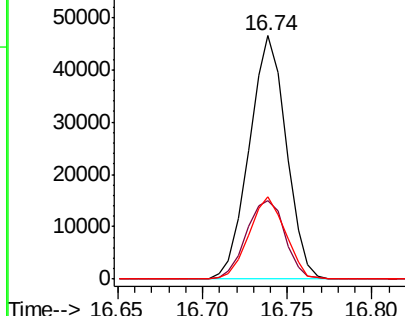
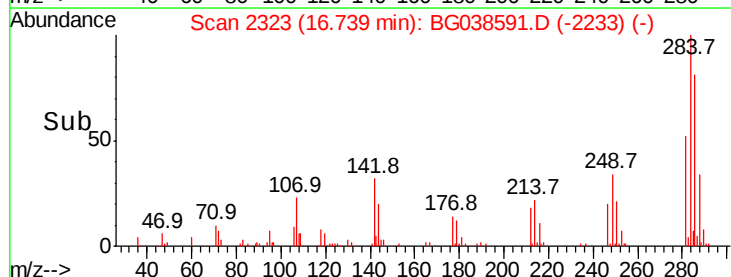


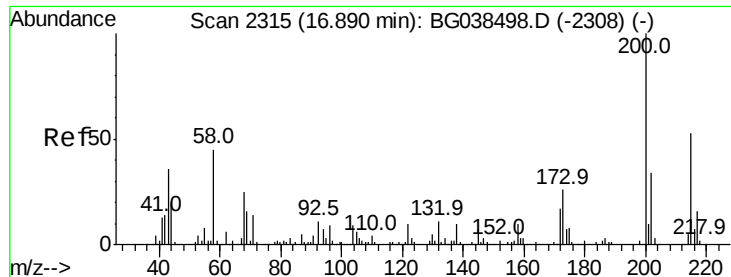
#68
Hexachlorobenzene
Concen: 39.209 ng
RT: 16.74 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Tgt Ion:284 Resp: 70925
Ion Ratio Lower Upper
284 100
142 32.2 25.8 38.6
249 36.2 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

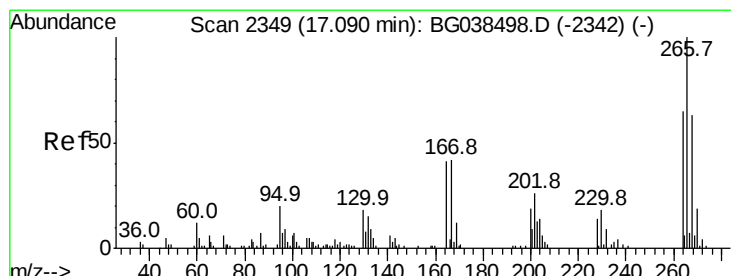
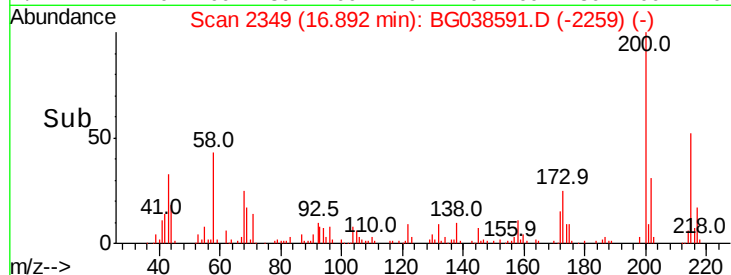
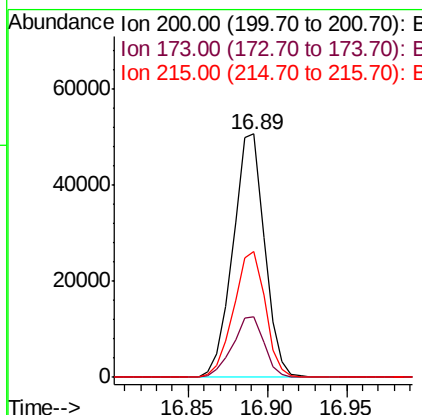
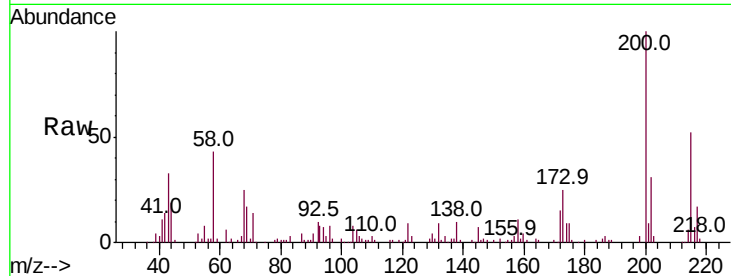




#69
 Atrazine
 Concen: 44.937 ng
 RT: 16.89 min Scan# 2349
 Delta R.T. 0.00 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

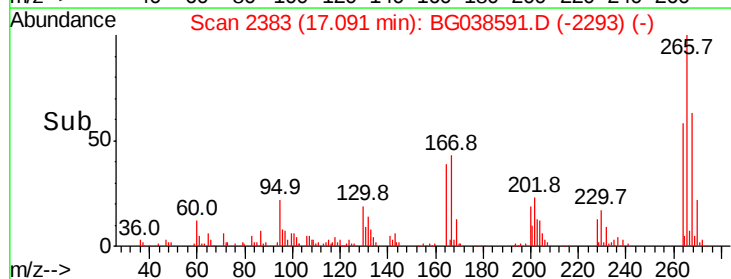
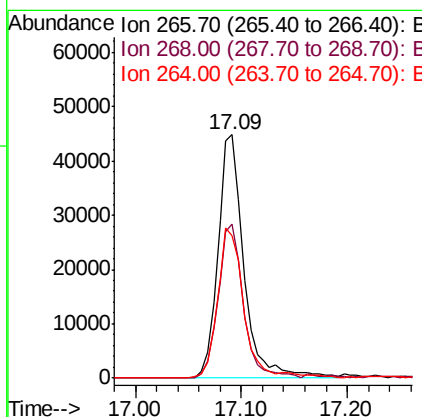
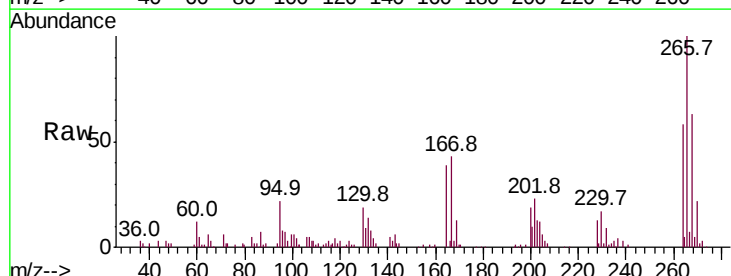
Instrument :
 BNA_G
 ClientSampleId :
 PB115539BS

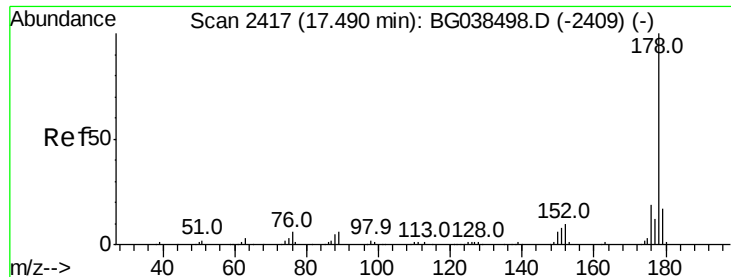
Tot Ion:200 Resp: 70013
 Ion Ratio Lower Upper
 200 100
 173 24.7 5.9 45.9
 215 51.9 33.1 73.1



#70
 Pentachlorophenol
 Concen: 71.879 ng
 RT: 17.09 min Scan# 2383
 Delta R.T. 0.00 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

Tgt Ion:266 Resp: 76907
 Ion Ratio Lower Upper
 266 100
 268 67.8 55.0 82.6
 264 63.5 56.7 85.1

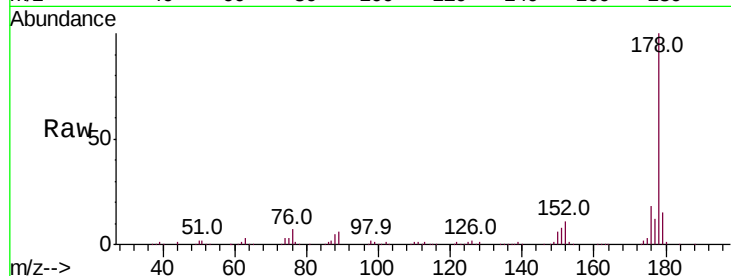




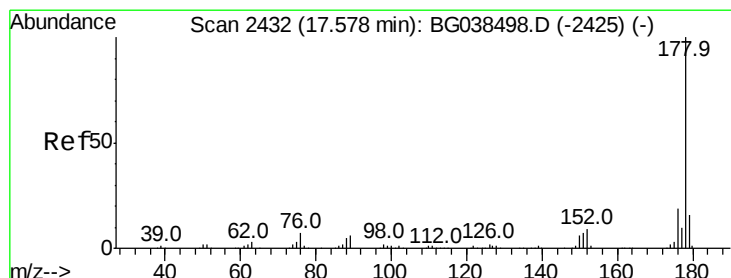
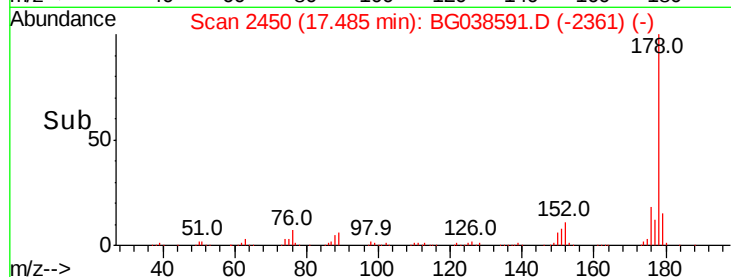
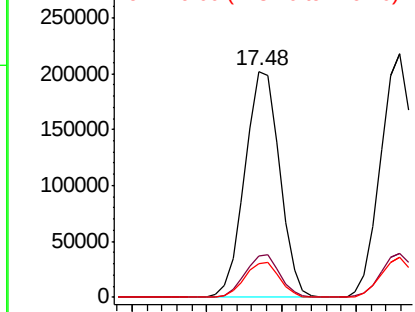
#71
Phenanthrene
Concen: 43.878 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Instrument :
BNA_G
ClientSampleId :
PB115539BS

Tot Ion:178 Resp: 325114
Ion Ratio Lower Upper
178 100
176 18.1 15.1 22.7
179 15.2 13.2 19.8

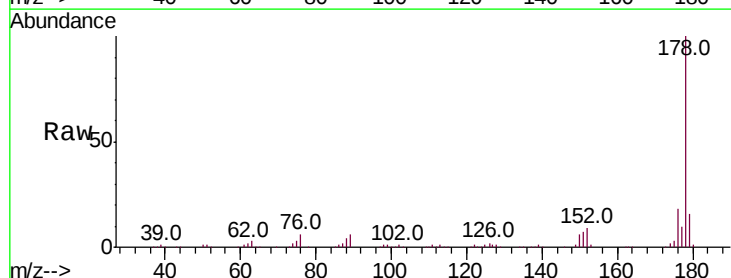


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

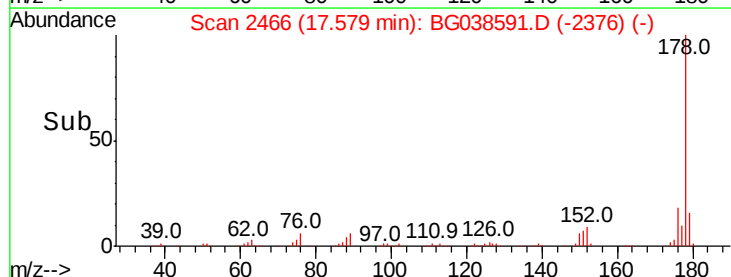
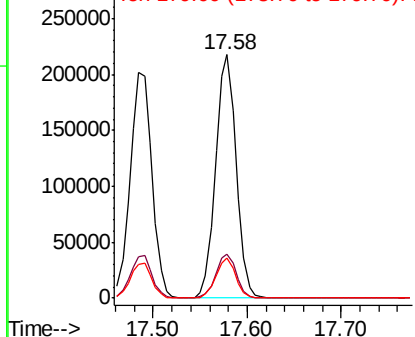


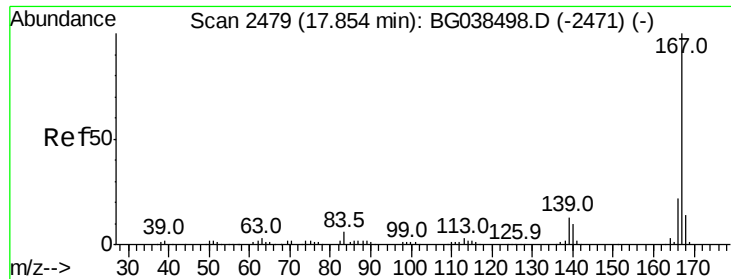
#72
Anthracene
Concen: 45.552 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Tgt Ion:178 Resp: 333197
Ion Ratio Lower Upper
178 100
176 18.0 15.1 22.7
179 16.2 12.9 19.3



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

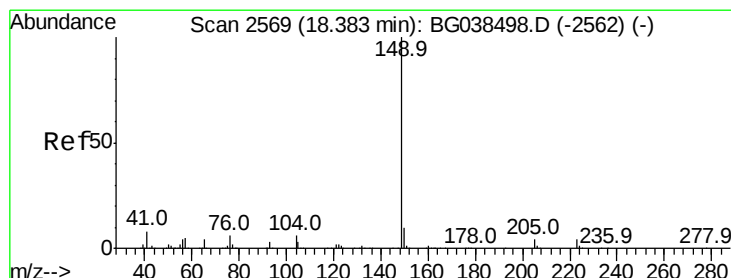
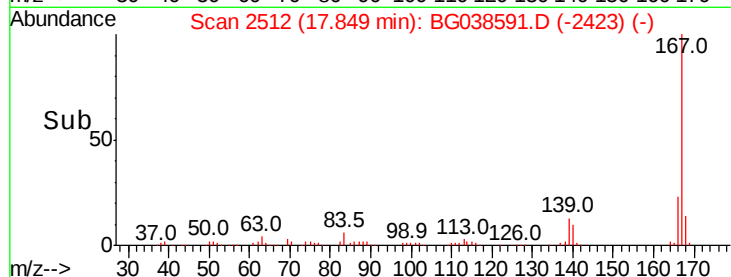
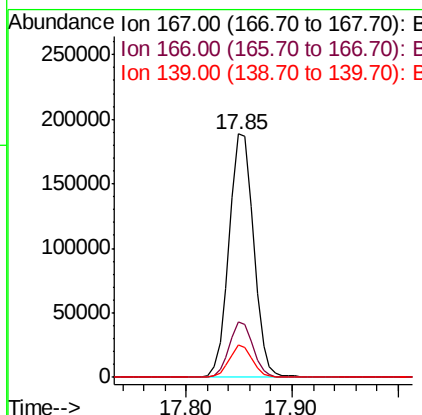
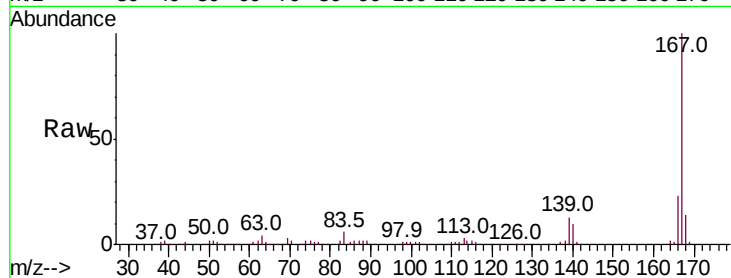




#73
 Carbazole
 Concen: 41.917 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

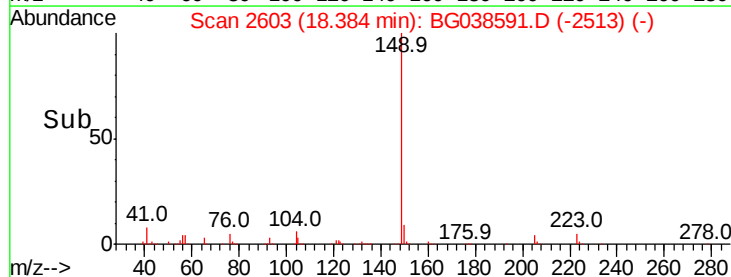
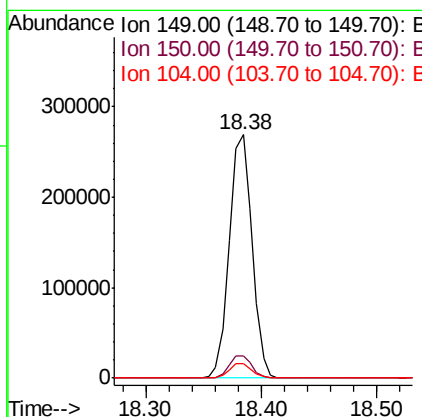
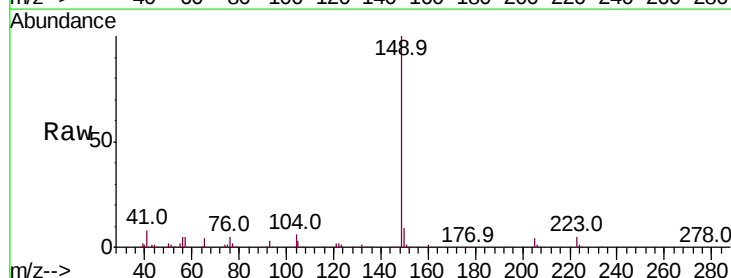
Instrument :
 BNA_G
 ClientSampleId :
 PB115539BS

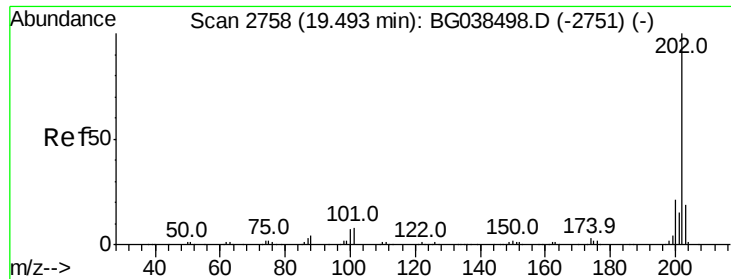
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.9	26.9
139	13.2	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 44.250 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	6.1	5.0	7.4

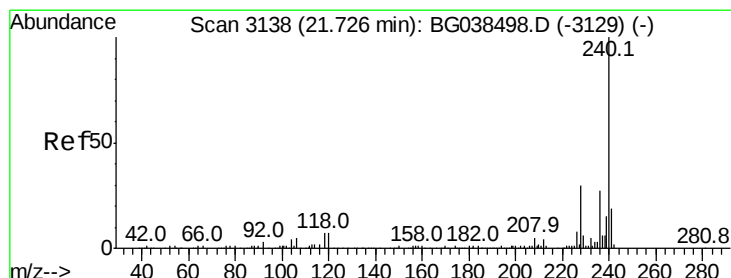
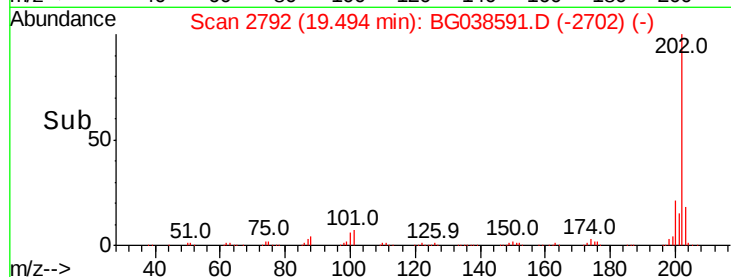
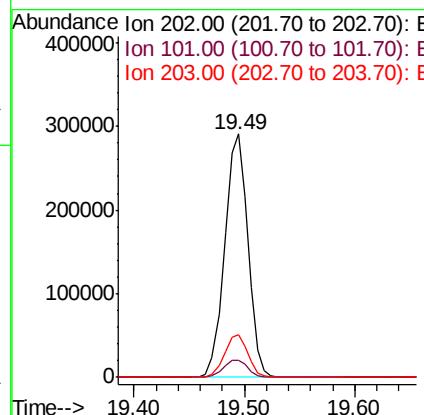
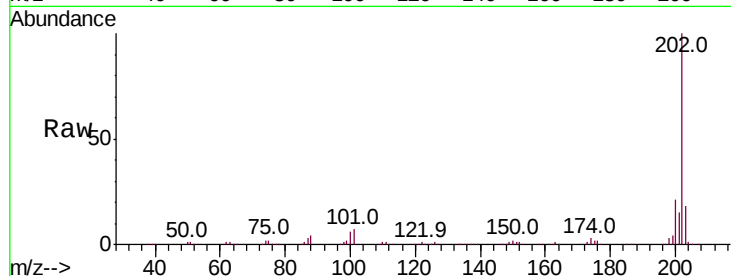




#75
 Fluoranthene
 Concen: 46.435 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

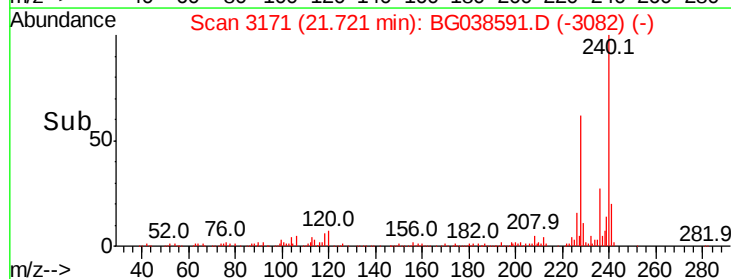
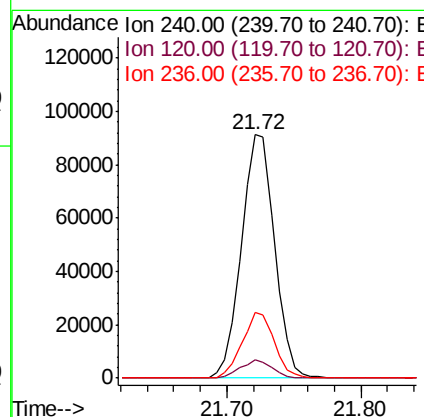
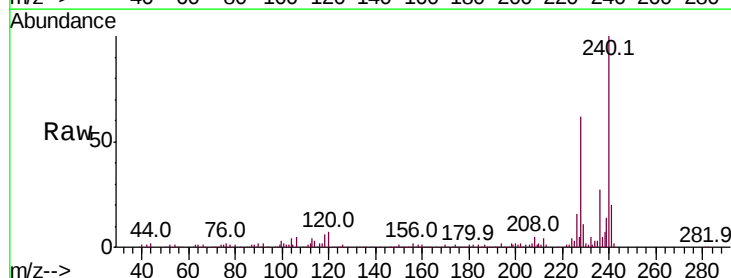
Instrument :
 BNA_G
 ClientSampleId :
 PB115539BS

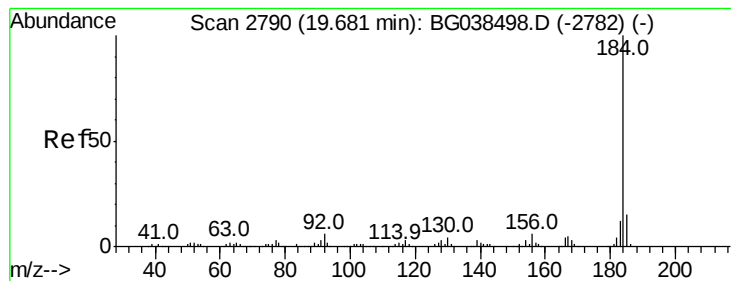
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	28.1
203	17.5	0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG038591.D
 Acq: 15 Dec 2018 6:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.3	7.9
236	27.2	21.4	32.2





#77

Benzidine

Concen: 46.347 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

Instrument :

BNA_G

ClientSampleId :

PB115539BS

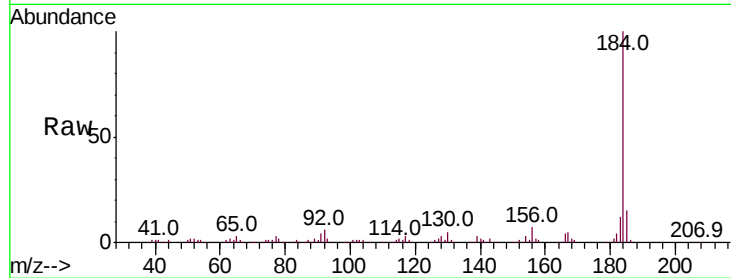
Tot Ion:184 Resp: 214090

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

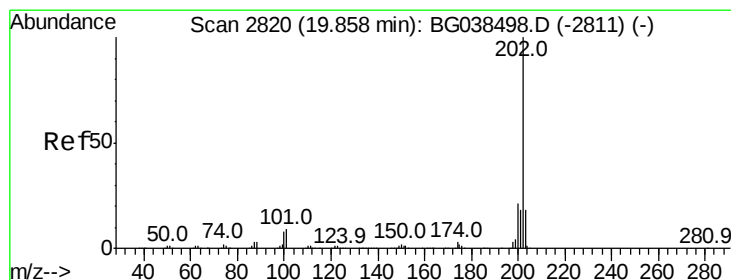
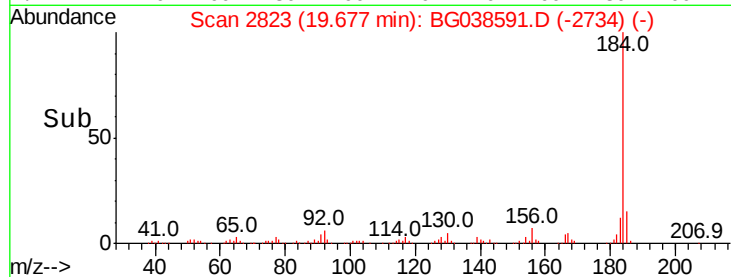
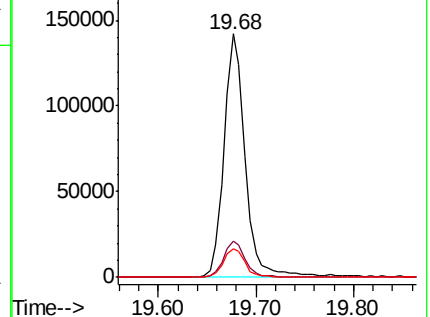
183 11.9 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.067 ng

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

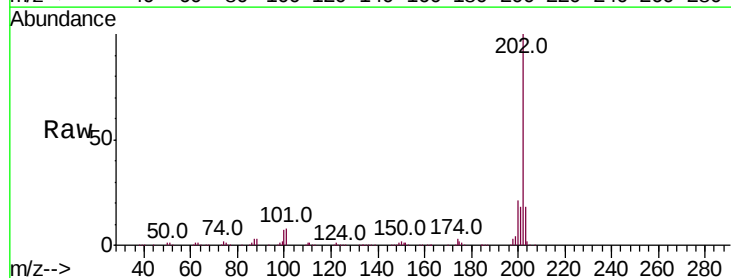
Tgt Ion:202 Resp: 423750

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

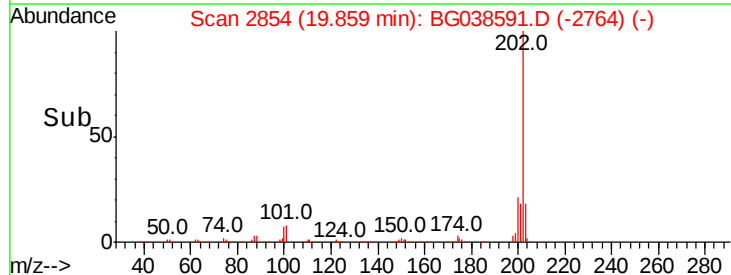
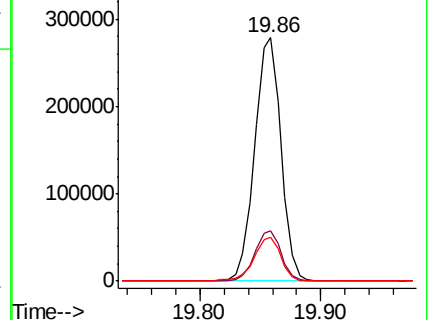
203 17.9 14.6 21.8

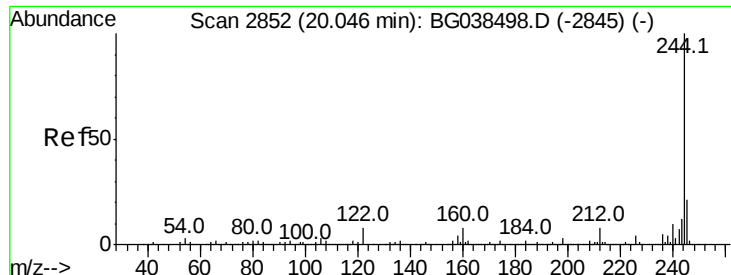


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.159 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

Instrument :

BNA_G

ClientSampleId :

PB115539BS

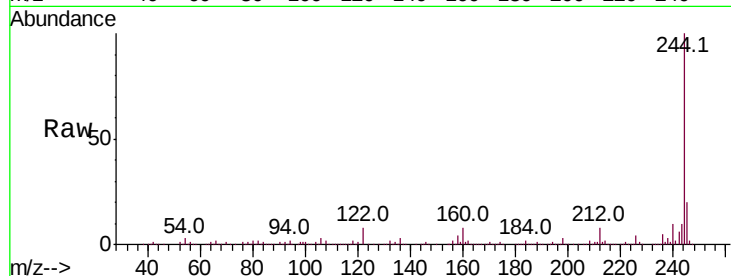
Tot Ion:244 Resp: 596825

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

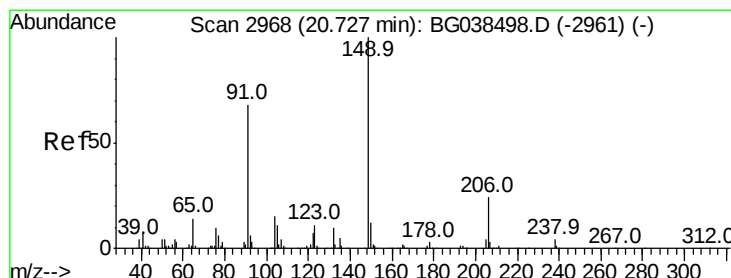
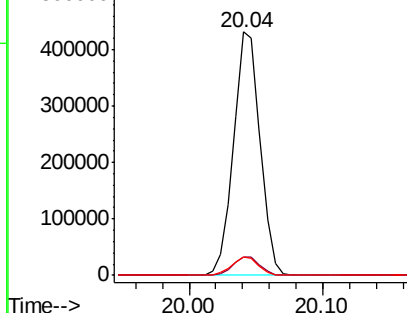
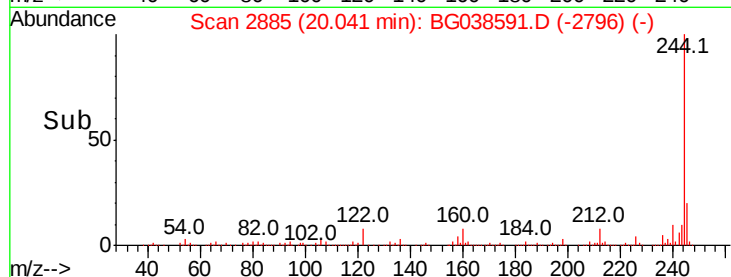
122 7.7 6.3 9.5



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: 42.829 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

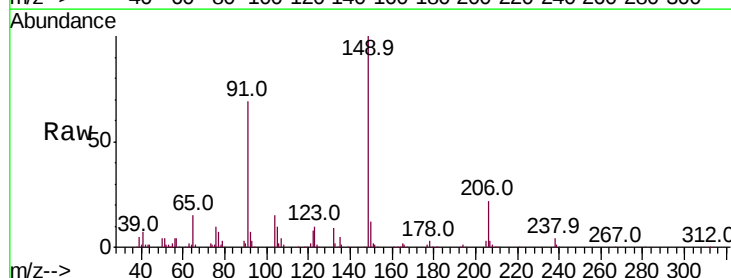
Tgt Ion:149 Resp: 172659

Ion Ratio Lower Upper

149 100

91 68.9 54.5 81.7

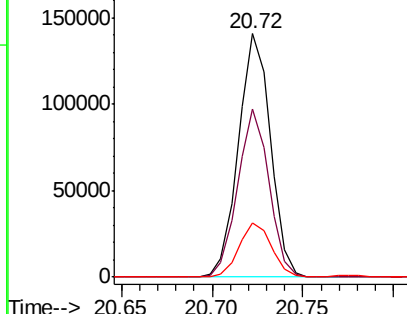
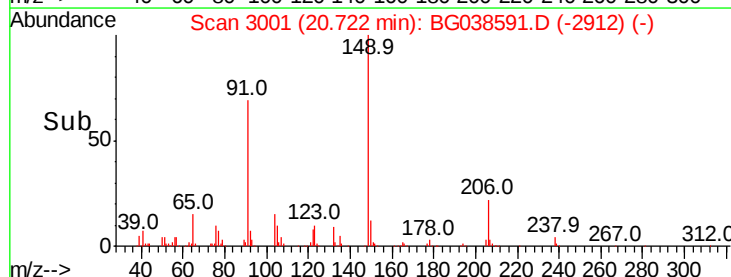
206 22.5 19.0 28.6

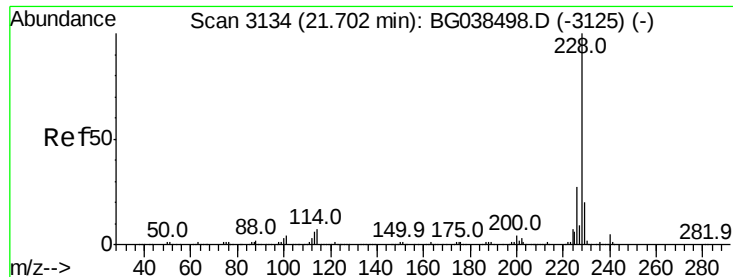


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.321 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

Instrument :

BNA_G

ClientSampleId :

PB115539BS

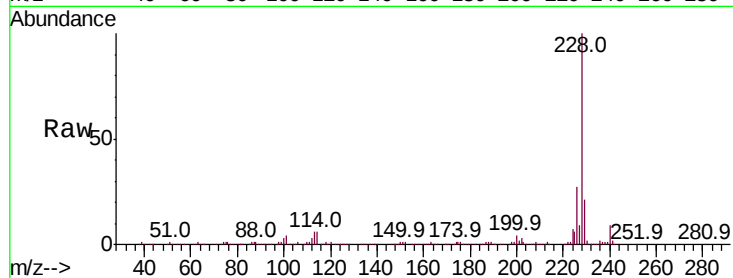
Tot Ion:228 Resp: 421832

Ion Ratio Lower Upper

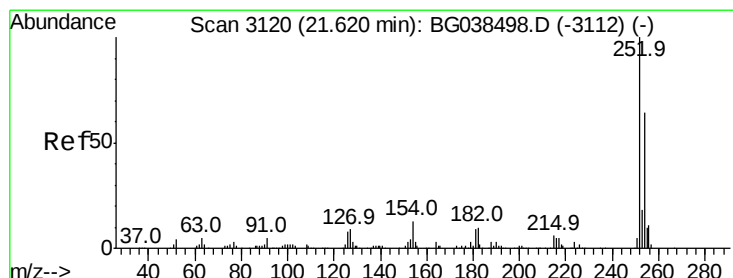
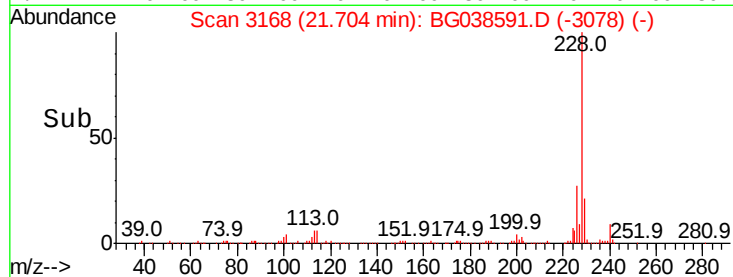
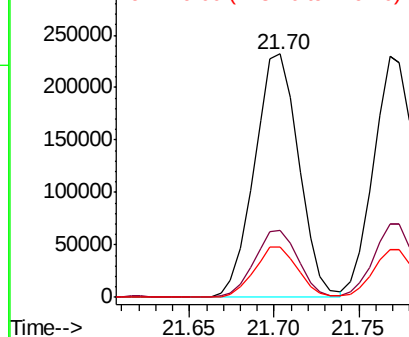
228 100

226 27.4 21.8 32.8

229 20.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.883 ng

RT: 21.62 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

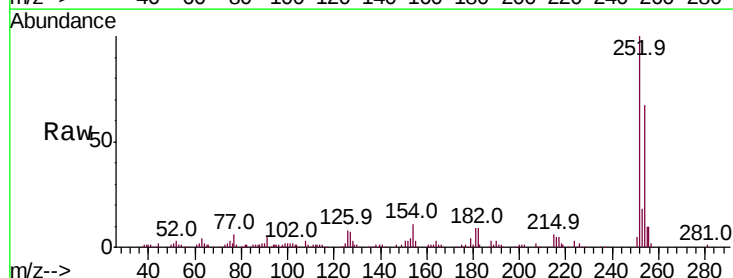
Tgt Ion:252 Resp: 109027

Ion Ratio Lower Upper

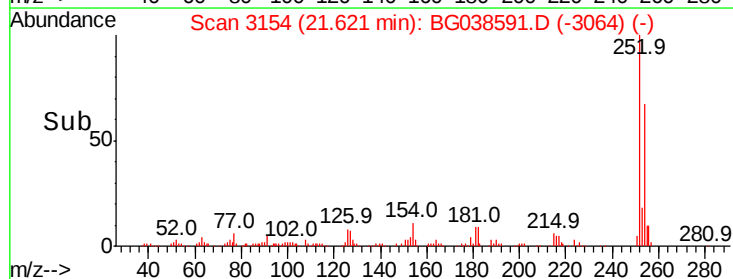
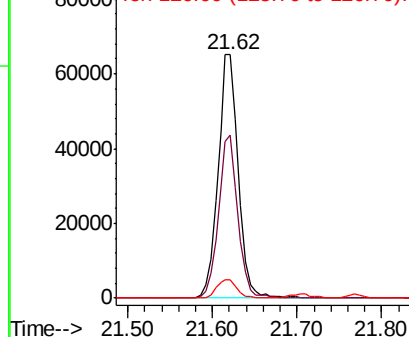
252 100

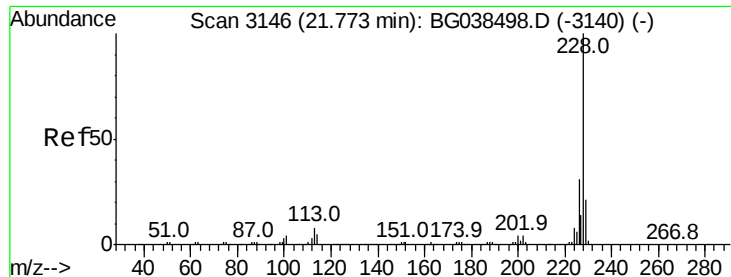
254 67.1 50.9 76.3

126 7.8 6.3 9.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.105 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

Instrument :

BNA_G

ClientSampleId :

PB115539BS

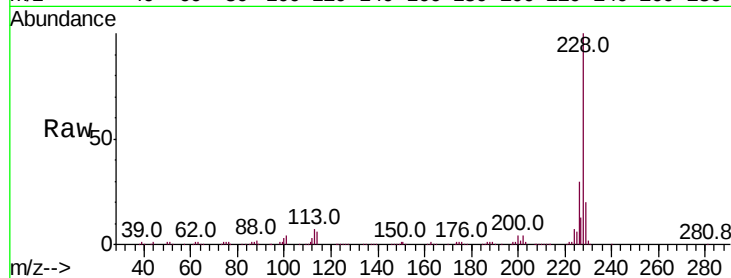
Tot Ion:228 Resp: 385988

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.4

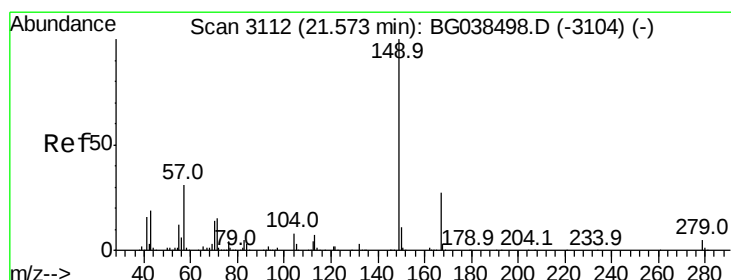
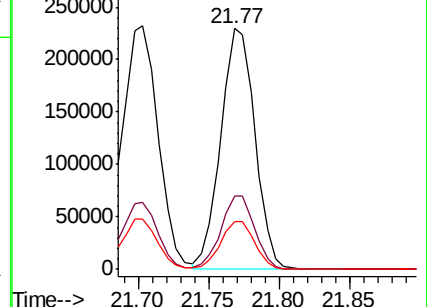
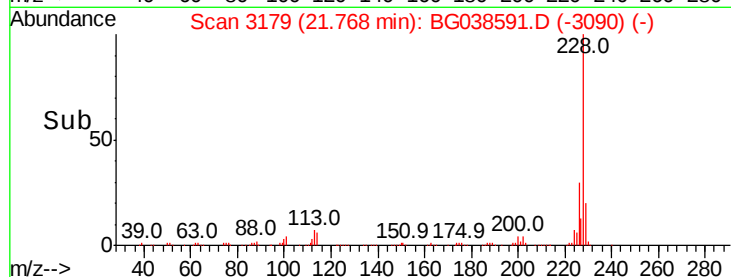
229 19.8 16.5 24.7



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: 41.882 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

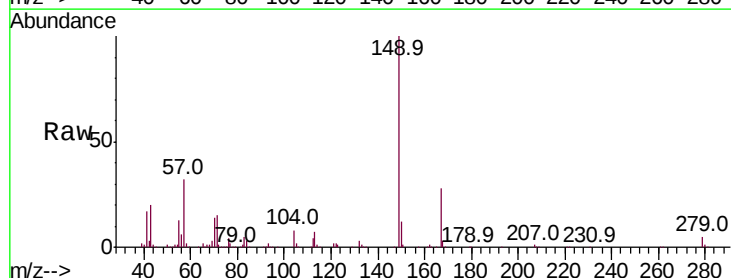
Tgt Ion:149 Resp: 239459

Ion Ratio Lower Upper

149 100

167 28.2 21.9 32.9

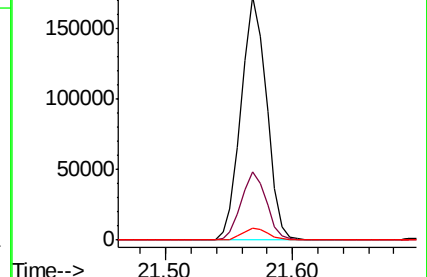
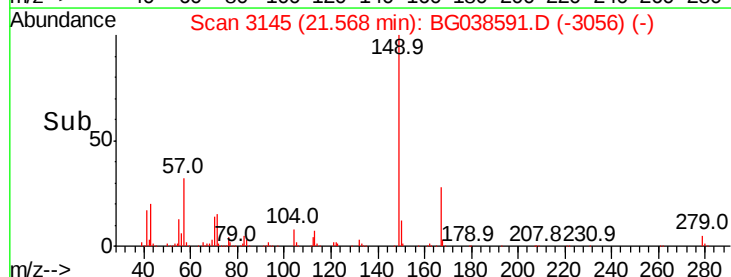
279 5.0 4.2 6.2

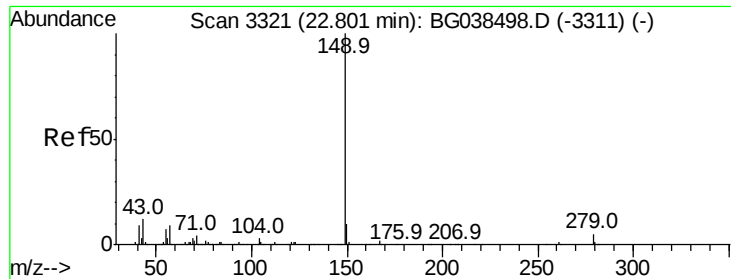


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

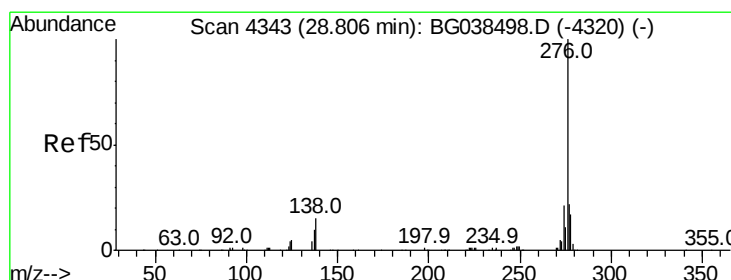
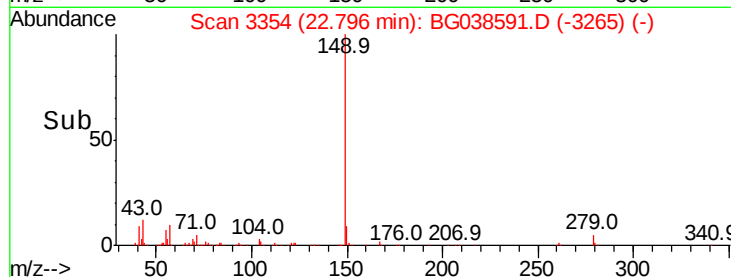
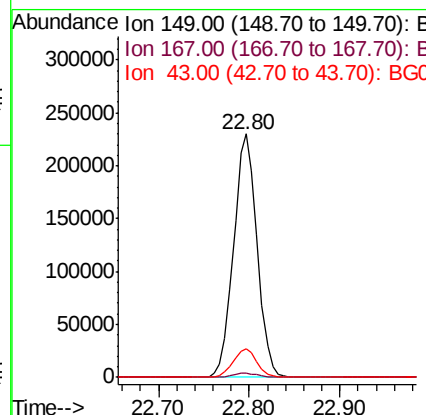
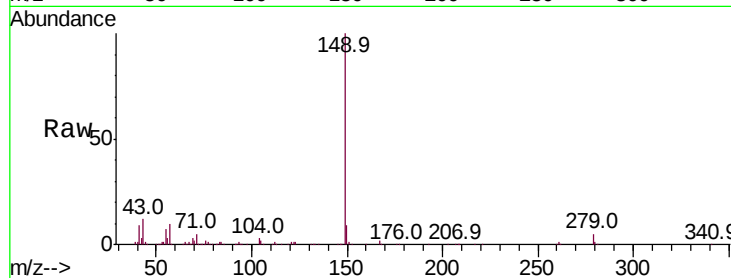




#85
Di-n-octyl phthalate
Concen: 43.201 ng
RT: 22.80 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

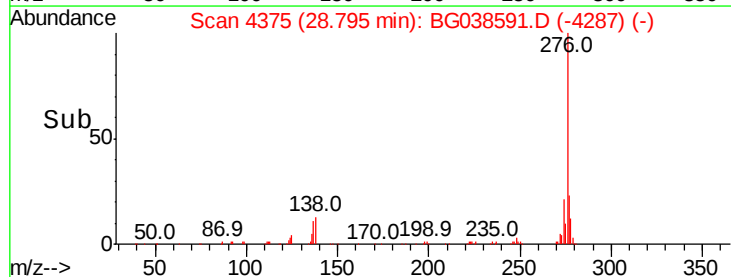
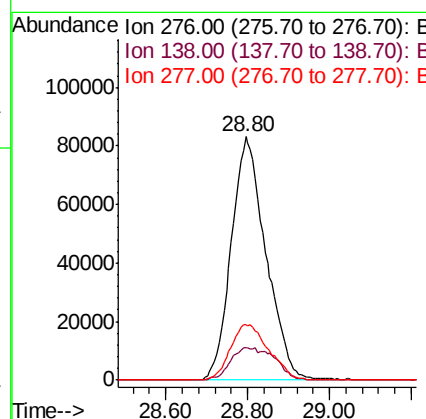
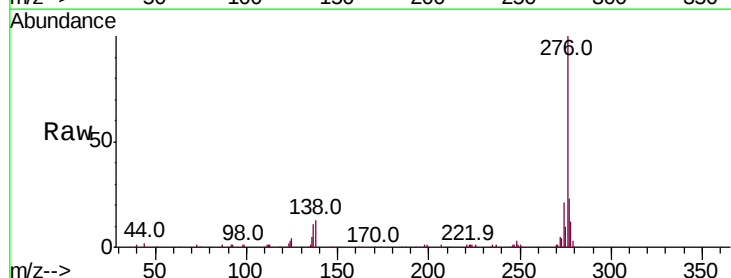
Instrument :
BNA_G
ClientSampleId :
PB115539BS

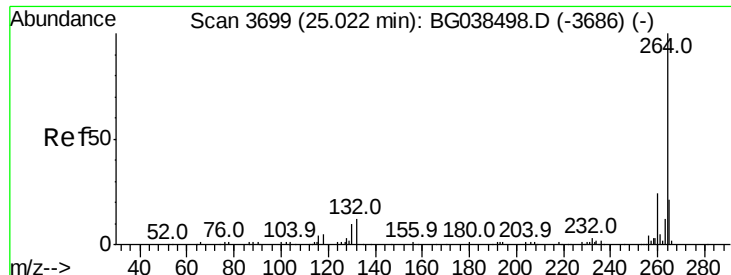
Tot Ion:149 Resp: 413670
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 12.0 9.3 13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.319 ng
RT: 28.80 min Scan# 4375
Delta R.T. -0.01 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Tgt Ion:276 Resp: 488431
Ion Ratio Lower Upper
276 100
138 17.0 14.4 21.6
277 25.3 0.0 0.0#



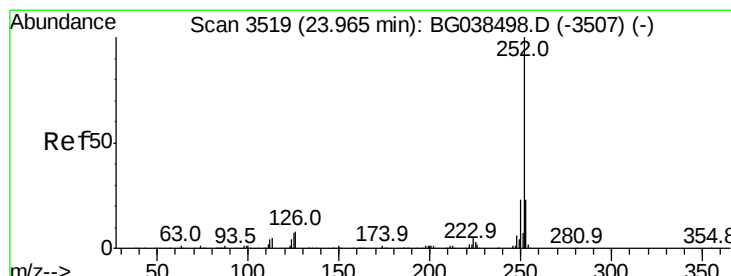
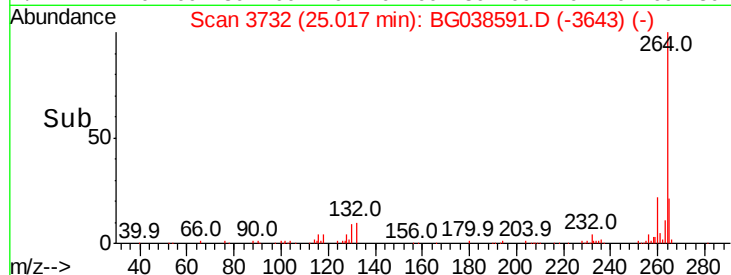
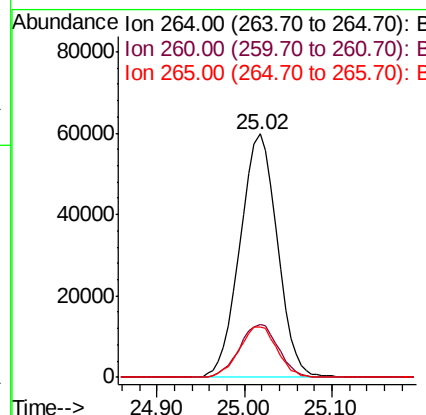
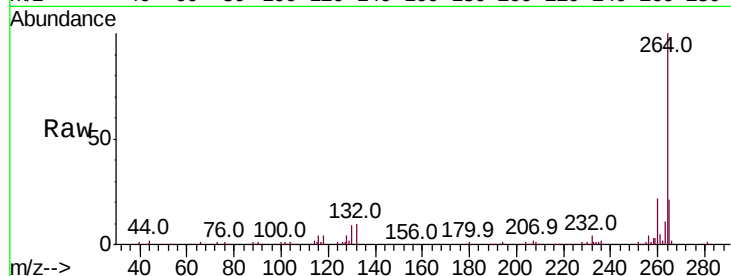


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Instrument :
BNA_G
ClientSampleId :
PB115539BS

Tot Ion:264 Resp: 173040

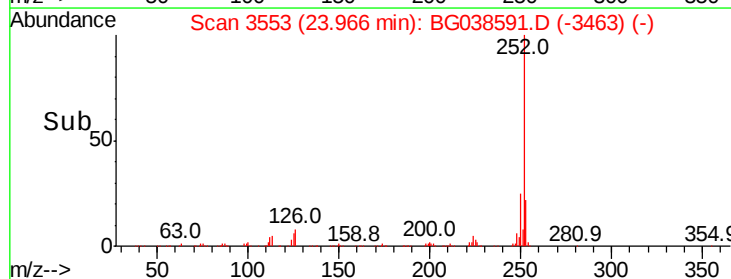
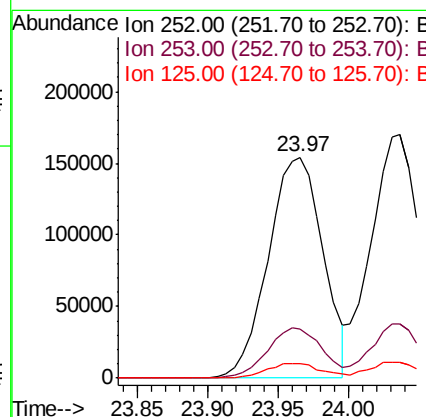
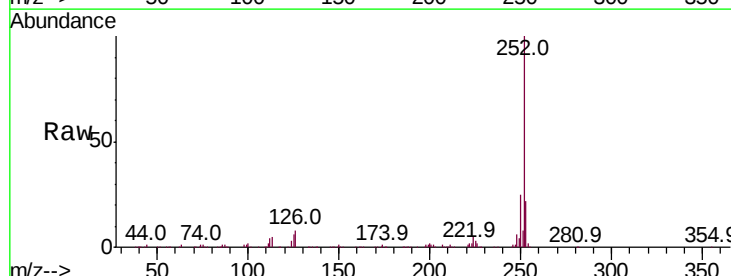
Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.9	28.3
265	20.6	17.0	25.4

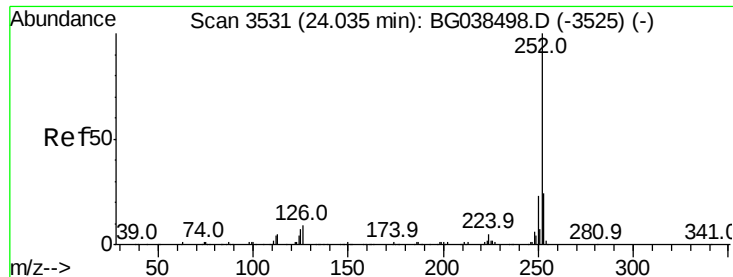


#88
Benzo(b)fluoranthene
Concen: 43.879 ng
RT: 23.97 min Scan# 3553
Delta R.T. 0.00 min
Lab File: BG038591.D
Acq: 15 Dec 2018 6:18

Tgt Ion:252 Resp: 416875

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	6.3	5.5	8.3





#89

Benzo(k)fluoranthene

Concen: 43.398 ng

RT: 24.04 min Scan# 3565

Delta R.T. 0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

Instrument :

BNA_G

ClientSampleId :

PB115539BS

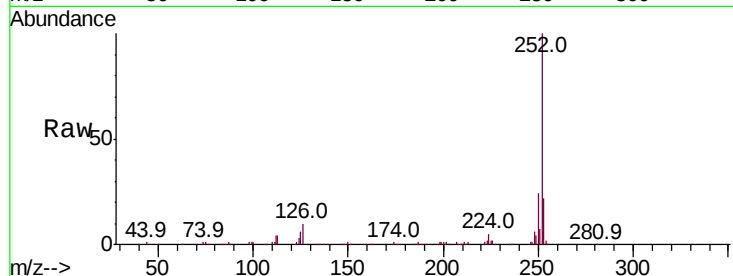
Tot Ion:252 Resp: 410567

Ion Ratio Lower Upper

252 100

253 22.2 18.9 28.3

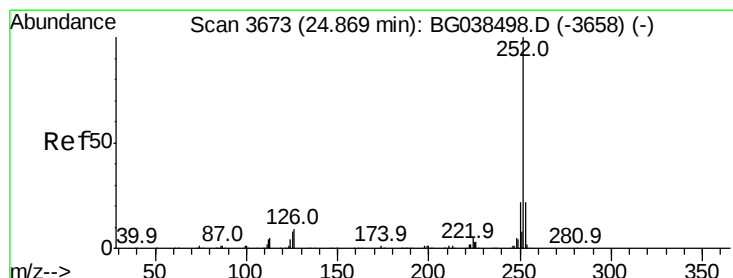
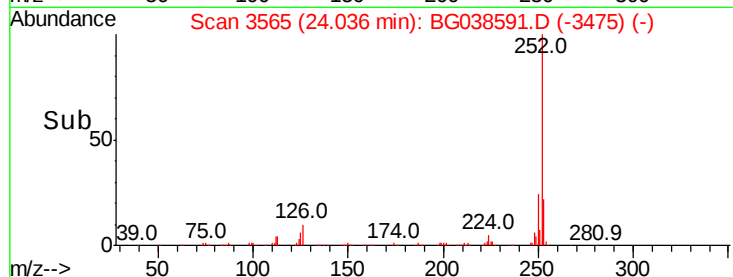
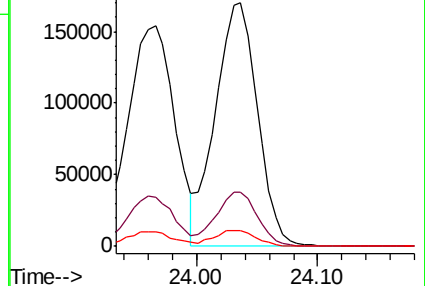
125 6.5 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.571 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

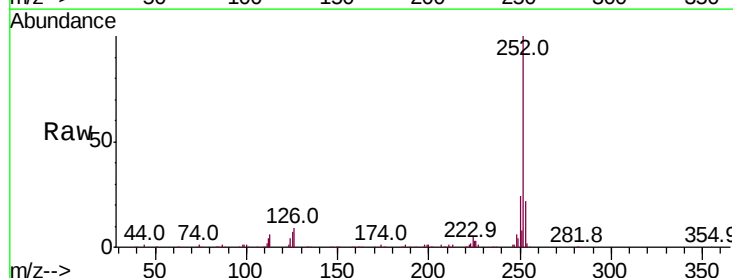
Tgt Ion:252 Resp: 408524

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

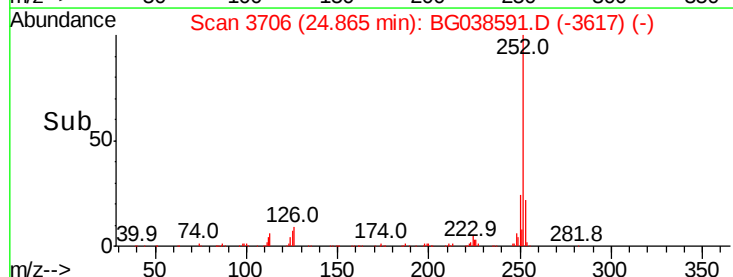
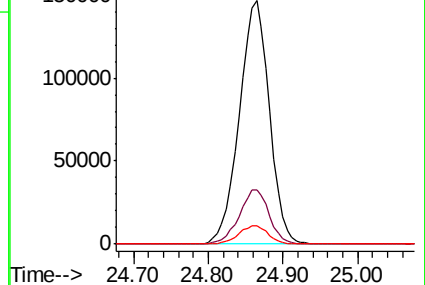
125 7.4 6.4 9.6

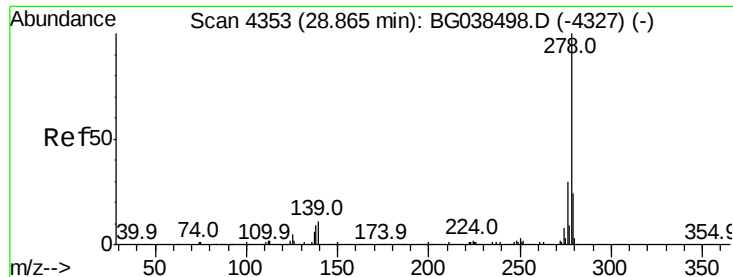


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.015 ng

RT: 28.86 min Scan# 4386

Delta R.T. -0.00 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

Instrument :

BNA_G

ClientSampleId :

PB115539BS

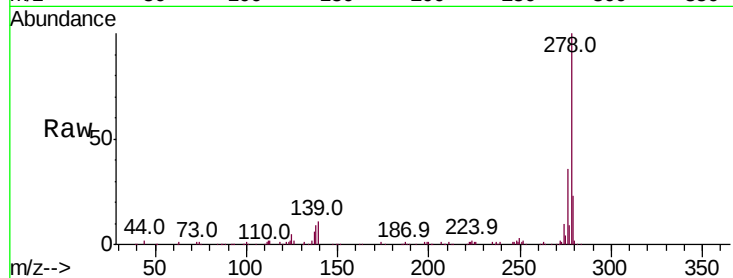
Tot Ion:278 Resp: 401683

Ion Ratio Lower Upper

278 100

139 10.5 8.6 12.8

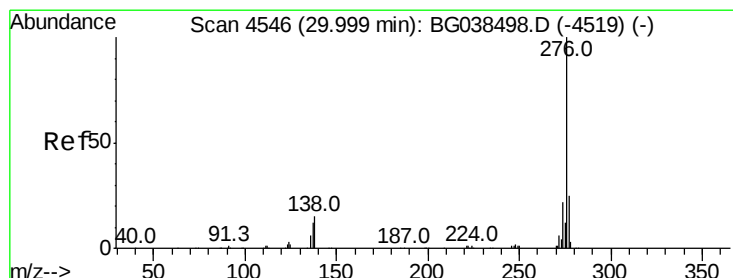
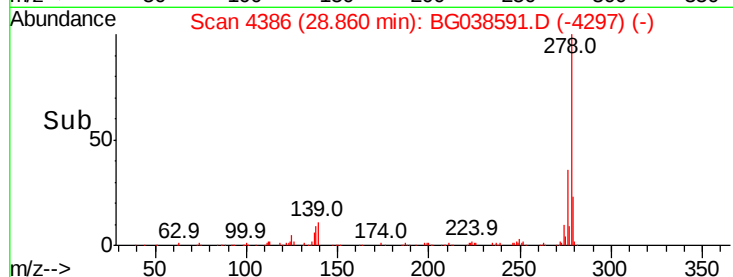
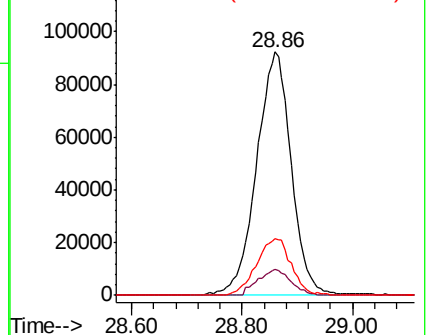
279 23.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.124 ng

RT: 29.99 min Scan# 4578

Delta R.T. -0.01 min

Lab File: BG038591.D

Acq: 15 Dec 2018 6:18

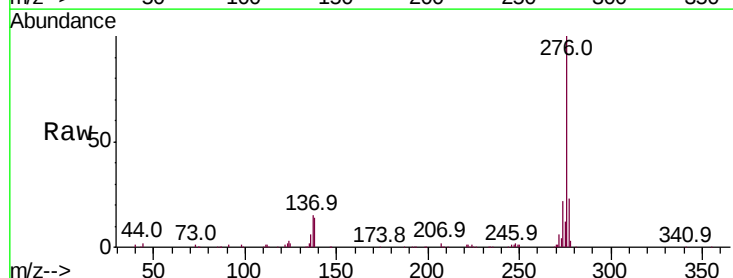
Tgt Ion:276 Resp: 396833

Ion Ratio Lower Upper

276 100

277 22.9 19.8 29.8

138 14.5 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

