

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
 Data File : BG038636.D
 Acq On : 16 Dec 2018 12:06
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 17 05:48:35 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	27669	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	119653	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	75030	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	182913	20.00	ng	0.00
76) Chrysene-d12	21.72	240	176149	20.00	ng	0.00
87) Perylene-d12	25.02	264	194916	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	129927	83.29	ng	0.00
7) Phenol-d6	7.21	99	179768	83.94	ng	0.00
23) Nitrobenzene-d5	9.24	82	190604	81.38	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	85592	82.77	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	439393	80.34	ng	0.00
79) Terphenyl-d14	20.04	244	649461	80.24	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	27100	37.326	ng	95
3) Pyridine	3.90	79	80875	40.458	ng	90
4) n-Nitrosodimethylamine	3.82	42	43266	44.174	ng	# 94
6) Aniline	7.39	93	113030	41.345	ng	96
8) 2-Chlorophenol	7.62	128	75928	42.059	ng	99
9) Benzaldehyde	7.20	77	55962	40.281	ng	97
10) Phenol	7.24	94	95247	41.863	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	75751	41.818	ng	97
12) 1,3-Dichlorobenzene	7.95	146	87978	41.217	ng	98
13) 1,4-Dichlorobenzene	8.09	146	88193	40.342	ng	96
14) 1,2-Dichlorobenzene	8.42	146	82993	40.269	ng	97
15) Benzyl Alcohol	8.30	79	73155	43.764	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	169544	40.859	ng	98
17) 2-Methylphenol	8.50	107	65944	43.260	ng	97
18) Hexachloroethane	9.14	117	32692	40.925	ng	90
19) n-Nitroso-di-n-propylamine	8.86	70	64038	42.575	ng	99
20) 3+4-Methylphenols	8.83	107	90813	43.137	ng	95
22) Acetophenone	8.89	105	117551	39.332	ng	# 98
24) Nitrobenzene	9.28	77	97944	41.337	ng	98
25) Isophorone	9.79	82	157506	37.429	ng	98
26) 2-Nitrophenol	9.99	139	48921	40.341	ng	96
27) 2,4-Dimethylphenol	10.04	122	71788	41.305	ng	95
28) bis(2-Chloroethoxy)methane	10.28	93	94042	39.600	ng	99
29) 2,4-Dichlorophenol	10.52	162	83208	43.035	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	94980	40.668	ng	99
31) Naphthalene	10.93	128	233655	39.633	ng	98
32) Benzoic acid	10.20	122	33758	34.268	ng	90
33) 4-Chloroaniline	11.04	127	106039	41.429	ng	98
34) Hexachlorobutadiene	11.19	225	64796	41.003	ng	93
35) Caprolactam	11.84	113	29558	36.940	ng	97
36) 4-Chloro-3-methylphenol	12.15	107	86577	39.239	ng	97
37) 2-Methylnaphthalene	12.53	142	170103	40.444	ng	99
38) 1-Methylnaphthalene	12.75	142	163102	39.964	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	117140	41.767	ng	99

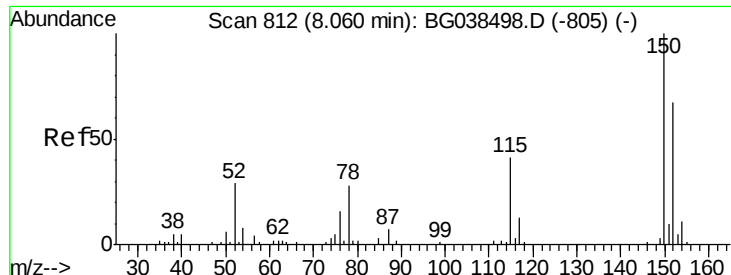
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
 Data File : BG038636.D
 Acq On : 16 Dec 2018 12:06
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 Sample : SSTDC0040
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Quant Time: Dec 17 05:48:35 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	59691	38.739	ng	98
43) 2,4,6-Trichlorophenol	13.13	196	70932	41.133	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	77551	42.475	ng	98
46) 1,1'-Biphenyl	13.53	154	255718	40.655	ng	100
47) 2-Chloronaphthalene	13.58	162	199365	41.033	ng	98
48) 2-Nitroaniline	13.79	65	66670	43.080	ng	98
49) Acenaphthylene	14.42	152	289169	39.811	ng	98
50) Dimethylphthalate	14.14	163	248505	40.558	ng	98
51) 2,6-Dinitrotoluene	14.28	165	57039	41.079	ng	97
52) Acenaphthene	14.76	154	173237	39.886	ng	97
53) 3-Nitroaniline	14.61	138	58446	41.292	ng	96
54) 2,4-Dinitrophenol	14.82	184	25698	34.271	ng	95
55) Dibenzofuran	15.10	168	295547	39.697	ng	98
56) 4-Nitrophenol	14.91	139	41698	38.833	ng	95
57) 2,4-Dinitrotoluene	15.07	165	79214	40.505	ng	96
58) Fluorene	15.74	166	220552	39.985	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	64078	39.009	ng	99
60) Diethylphthalate	15.50	149	261928	38.941	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	139532	40.543	ng	100
62) 4-Nitroaniline	15.78	138	59321	40.708	ng	95
63) Azobenzene	16.03	77	224862	40.018	ng	97
65) 4,6-Dinitro-2-methylphenol	15.83	198	50105	38.400	ng	98
66) n-Nitrosodiphenylamine	15.95	169	217712	40.509	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	88084	39.431	ng	92
68) Hexachlorobenzene	16.74	284	92922	40.127	ng	96
69) Atrazine	16.89	200	82434	41.331	ng	99
70) Pentachlorophenol	17.09	266	52772	38.528	ng	99
71) Phenanthrene	17.49	178	374335	39.465	ng	99
72) Anthracene	17.58	178	371375	39.660	ng	99
73) Carbazole	17.85	167	369726	39.924	ng	99
74) Di-n-butylphthalate	18.38	149	421172	39.635	ng	99
75) Fluoranthene	19.49	202	450966	38.426	ng	97
77) Benzidine	19.68	184	199129	38.225	ng	99
78) Pyrene	19.86	202	455492	39.142	ng	100
80) Butylbenzylphthalate	20.73	149	183050	40.263	ng	97
81) Benzo(a)anthracene	21.71	228	442545	41.230	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	178275	41.878	ng	99
83) Chrysene	21.77	228	417938	40.425	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	265091	41.112	ng	99
85) Di-n-octyl phthalate	22.80	149	447542	41.444	ng	98
86) Indeno(1,2,3-cd)pyrene	28.80	276	497570	40.936	ng	# 97
88) Benzo(b)fluoranthene	23.97	252	427100	39.910	ng	99
89) Benzo(k)fluoranthene	24.04	252	434243	40.749	ng	97
90) Benzo(a)pyrene	24.87	252	420065	40.687	ng	99
91) Dibenzo(a,h)anthracene	28.87	278	414848	40.356	ng	99
92) Benzo(g,h,i)perylene	30.00	276	409842	40.456	ng	97

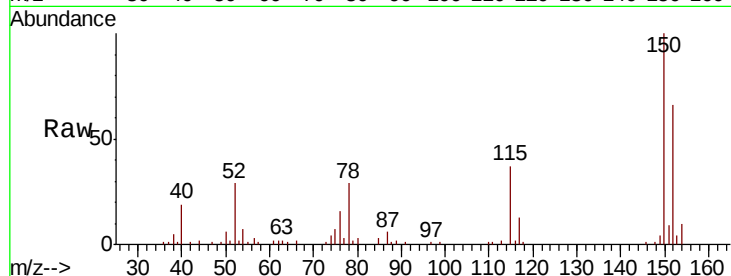
(#) = qualifier out of range (m) = manual integration (+) = signals summed



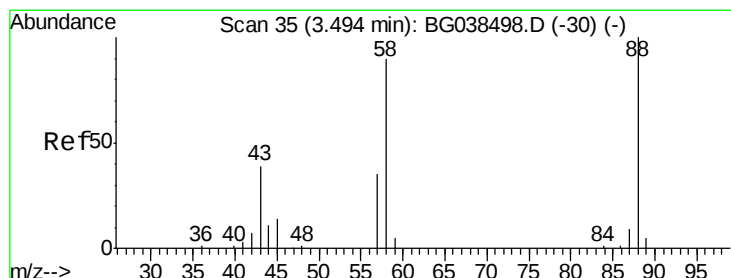
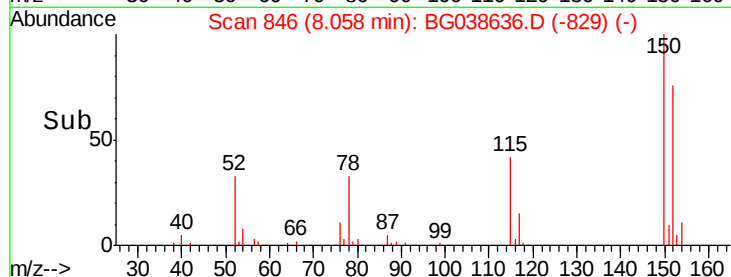
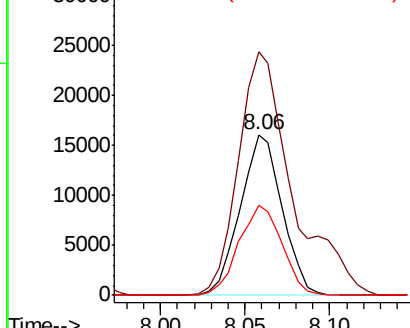
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 27669
 Ion Ratio Lower Upper
 152 100
 150 151.6 119.5 179.3
 115 55.9 49.6 74.4

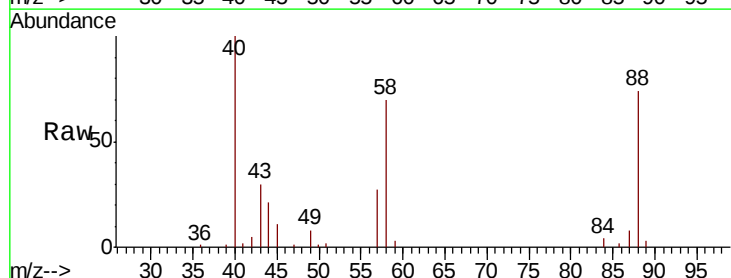


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

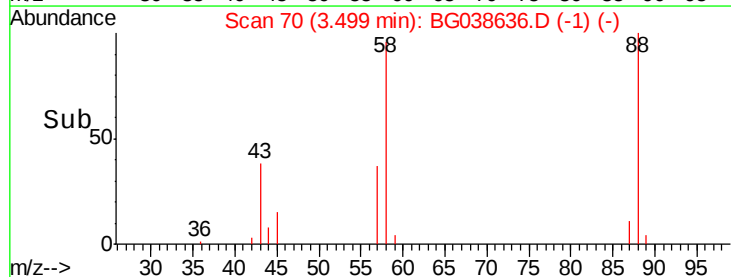
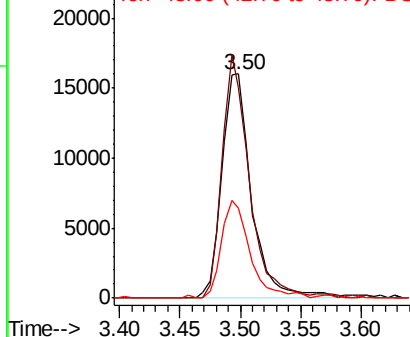


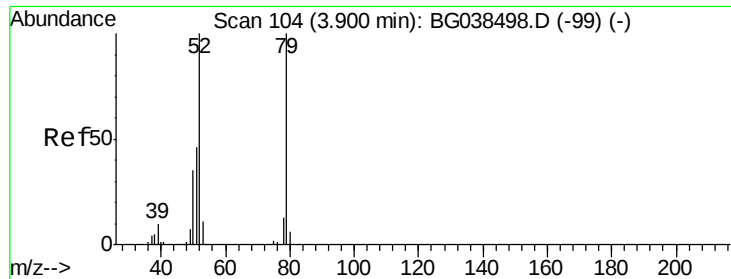
#2
 1,4-Dioxane
 Concen: 37.326 ng
 RT: 3.50 min Scan# 70
 Delta R.T. 0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Tgt Ion: 88 Resp: 27100
 Ion Ratio Lower Upper
 88 100
 58 99.3 75.7 113.5
 43 42.2 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

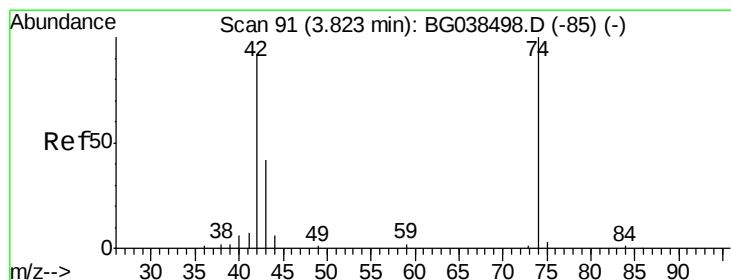
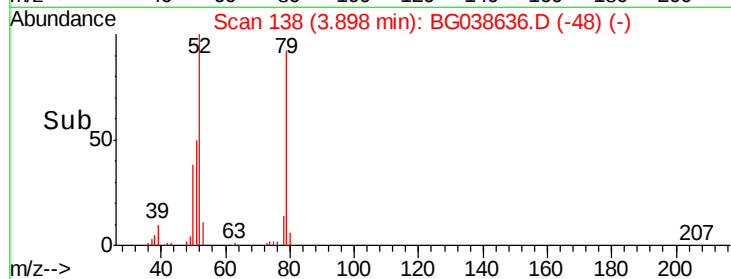
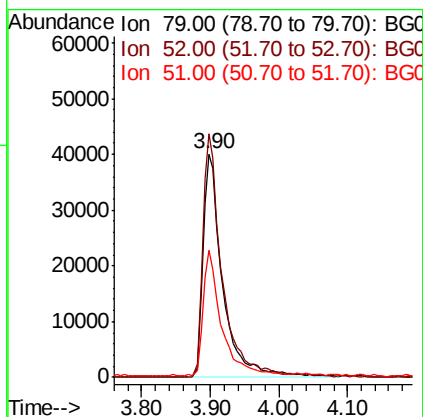
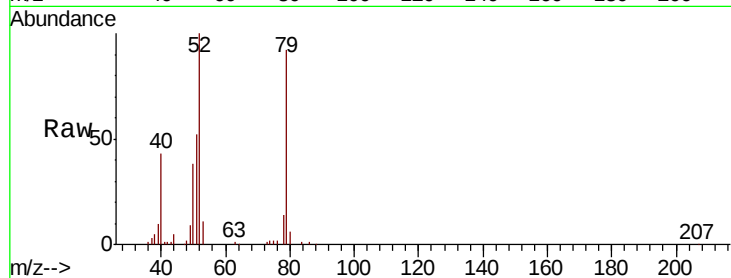




#3
 Pvridine
 Concen: 40.458 ng
 RT: 3.90 min Scan# 138
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

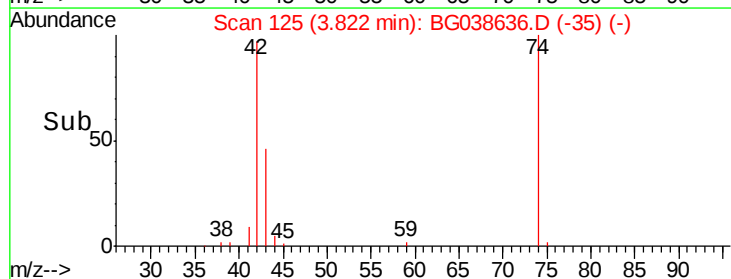
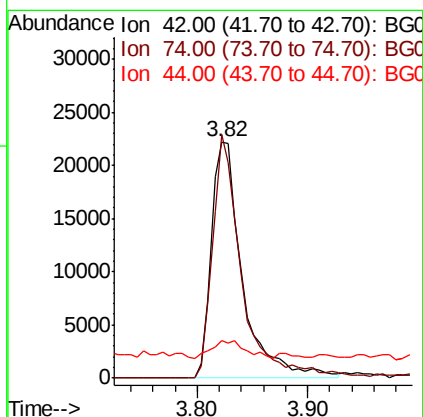
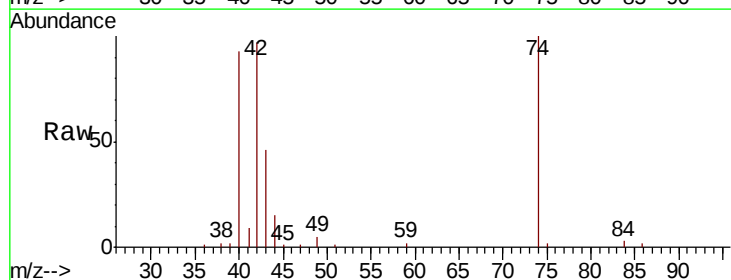
Instrument :
 BNA_G
 ClientSampleId :

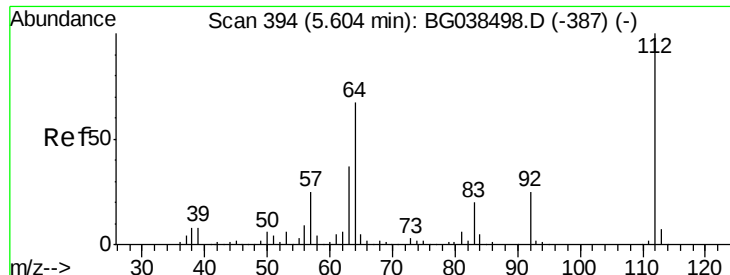
Tot Ion: 79 Resp: 80875
 Ion Ratio Lower Upper
 79 100
 52 109.0 80.2 120.2
 51 56.7 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 44.174 ng
 RT: 3.82 min Scan# 125
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Tgt Ion: 42 Resp: 43266
 Ion Ratio Lower Upper
 42 100
 74 103.1 86.7 130.1
 44 16.0 7.8 11.8#





#5

2-Fluorophenol

Concen: 83.286 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA_G

ClientSampled :

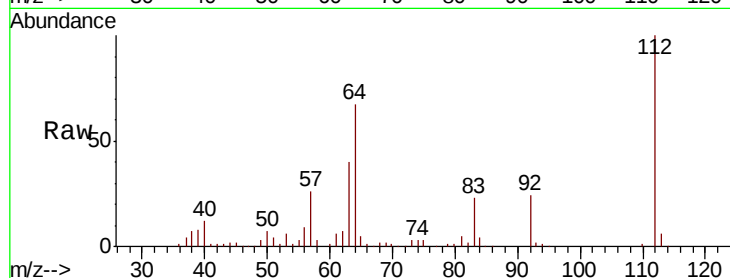
Tot Ion:112 Resp: 129927

Ion Ratio Lower Upper

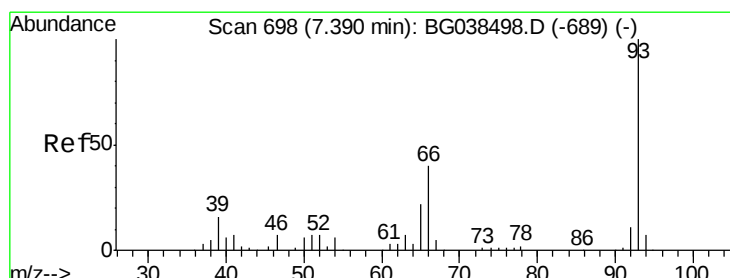
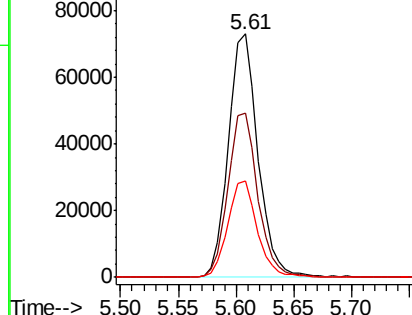
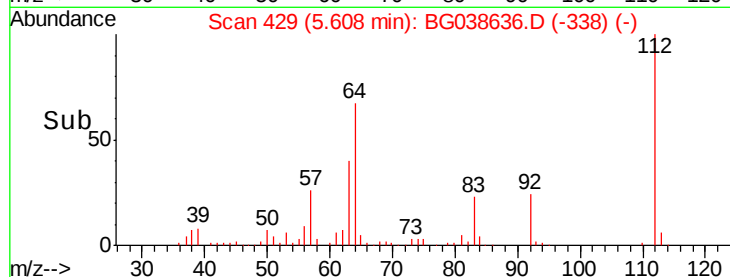
112 100

64 67.5 53.4 80.2

63 39.6 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.345 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

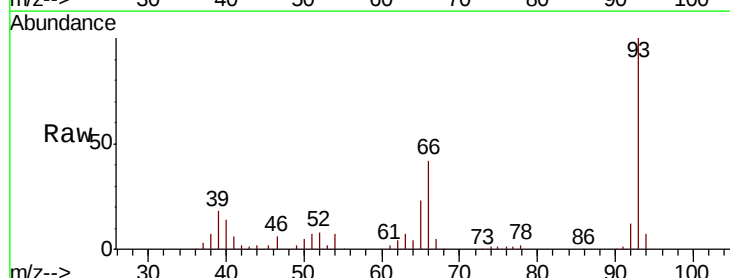
Tgt Ion: 93 Resp: 113030

Ion Ratio Lower Upper

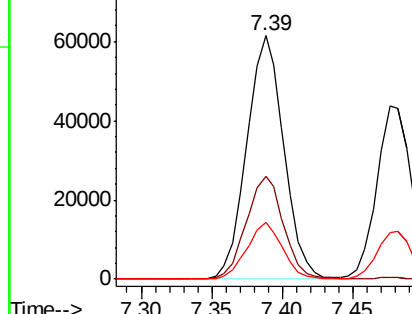
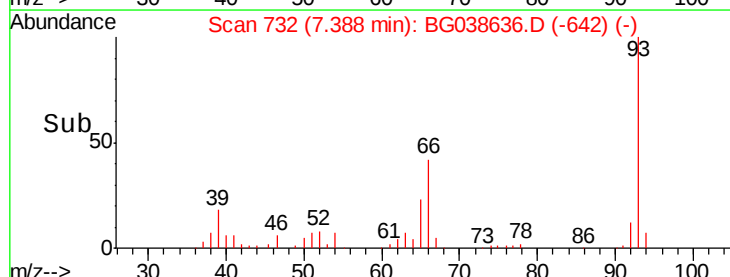
93 100

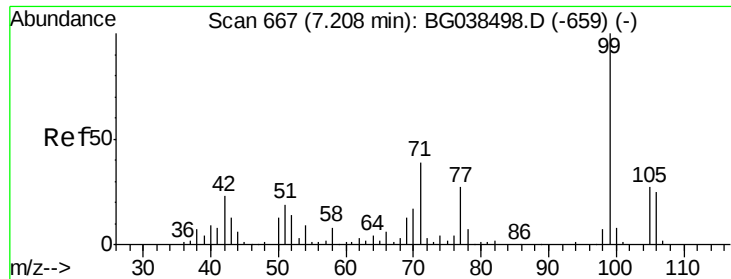
66 42.2 31.7 47.5

65 23.3 17.8 26.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.942 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA_G

ClientSampled :

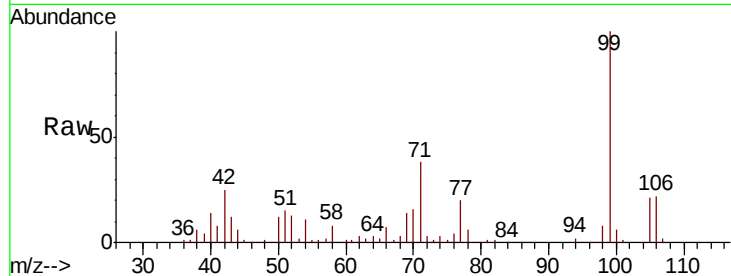
Tot Ion: 99 Resp: 179768

Ion Ratio Lower Upper

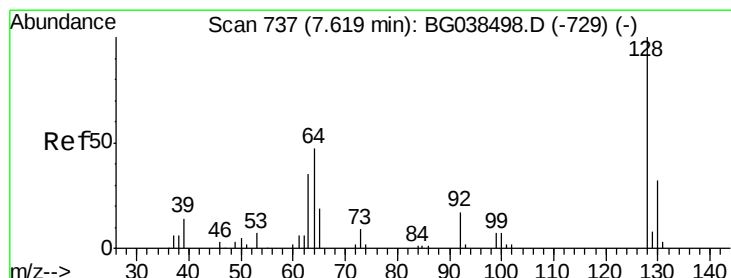
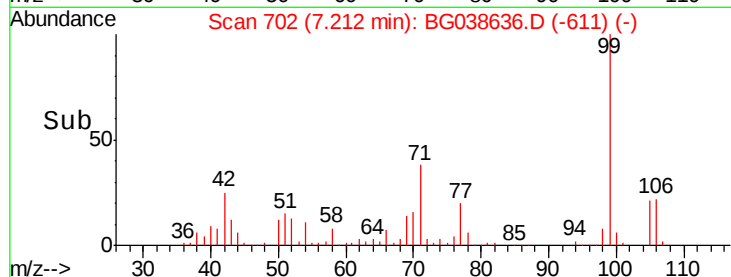
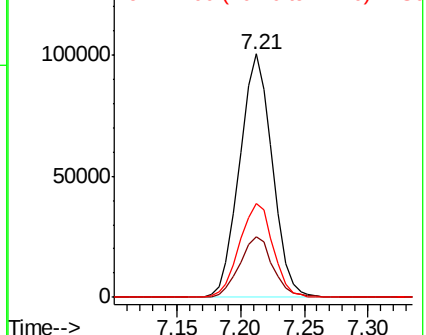
99 100

42 24.9 18.5 27.7

71 38.4 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: 42.059 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

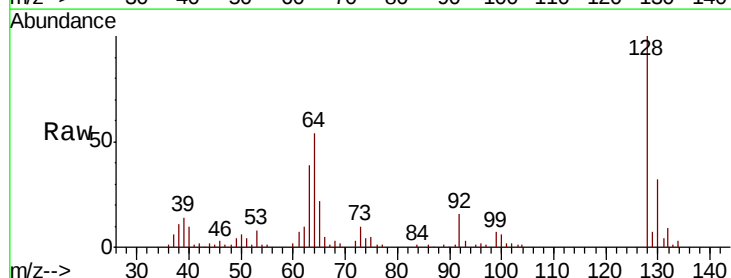
Tgt Ion: 128 Resp: 75928

Ion Ratio Lower Upper

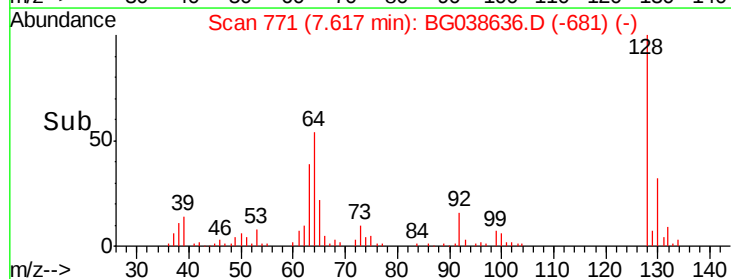
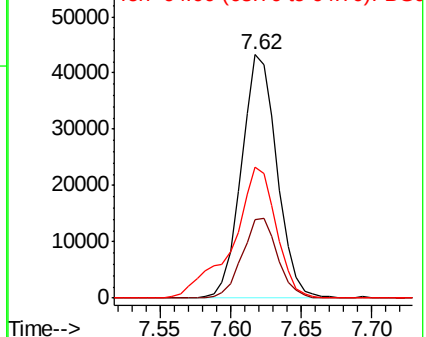
128 100

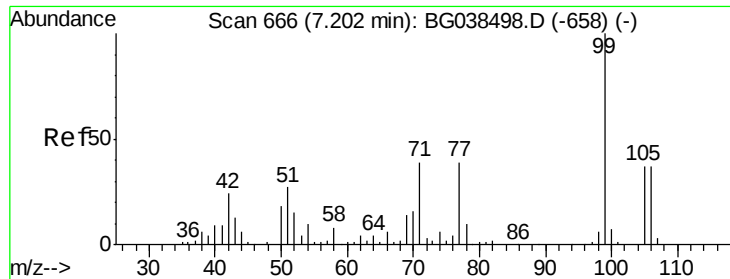
130 32.2 11.8 51.8

64 53.8 33.2 73.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyd

Concen: 40.281 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA_G

ClientSampled :

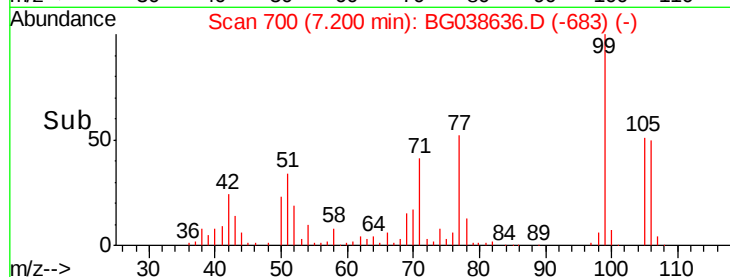
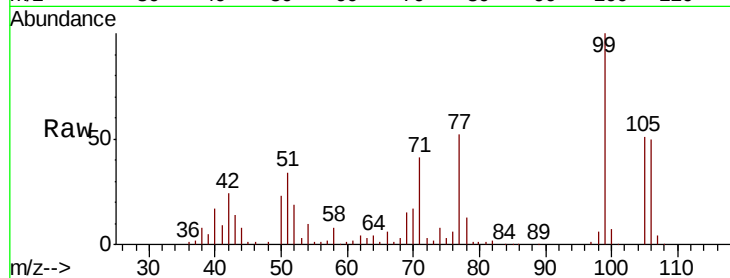
Tot Ion: 77 Resp: 55962

Ion Ratio Lower Upper

77 100

105 98.0 74.0 114.0

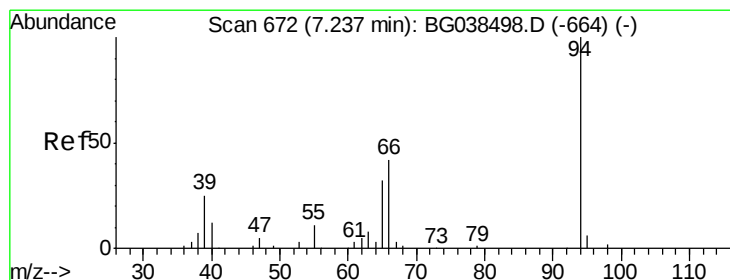
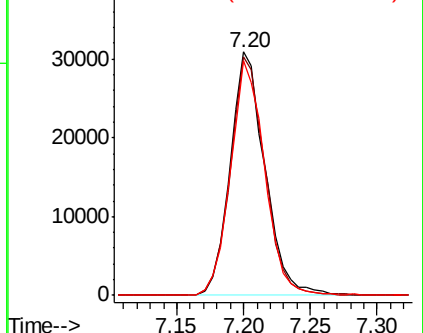
106 96.3 73.9 113.9



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.863 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

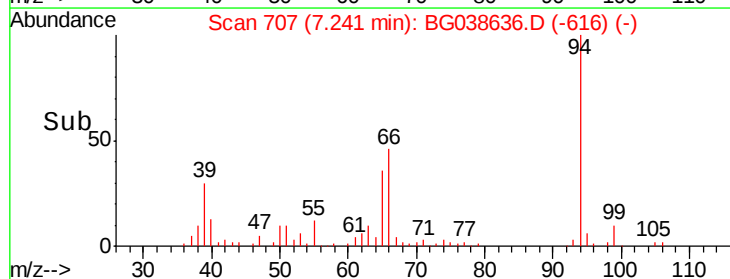
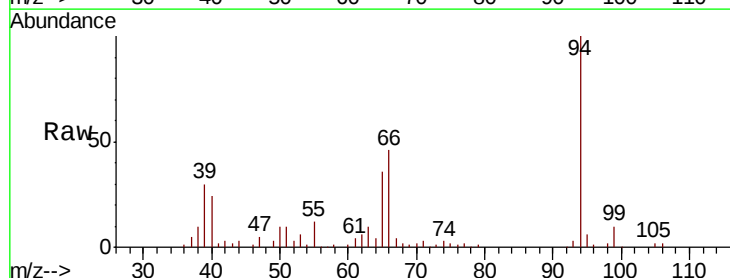
Tgt Ion: 94 Resp: 95247

Ion Ratio Lower Upper

94 100

65 35.7 12.6 52.6

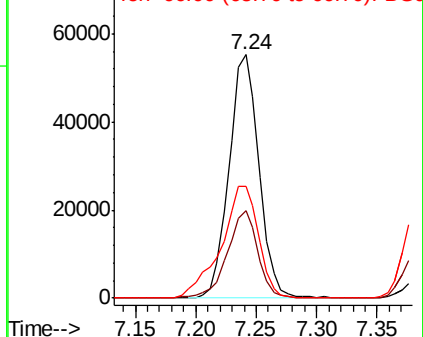
66 45.9 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

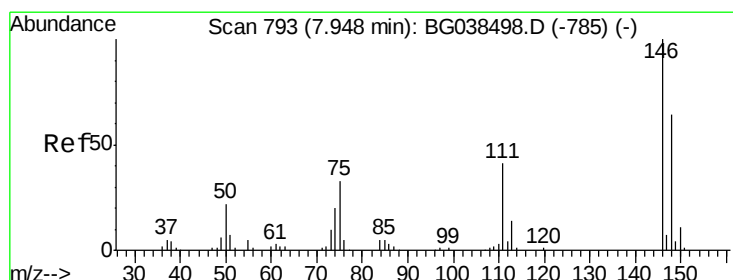
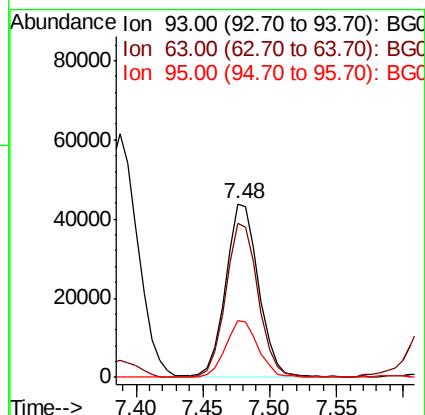
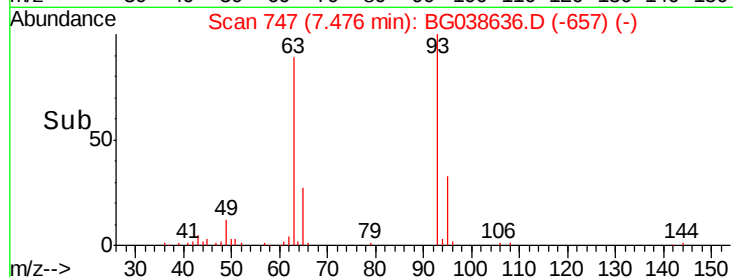
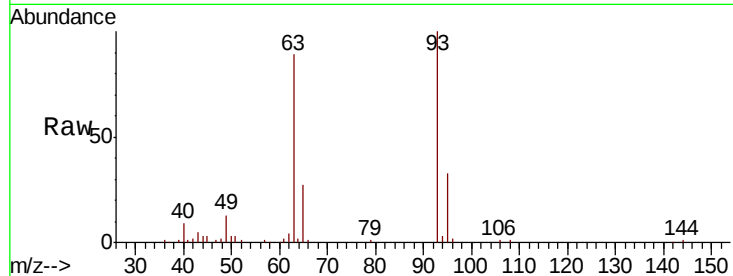




#11
bis(2-Chloroethyl)ether
Concen: 41.818 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

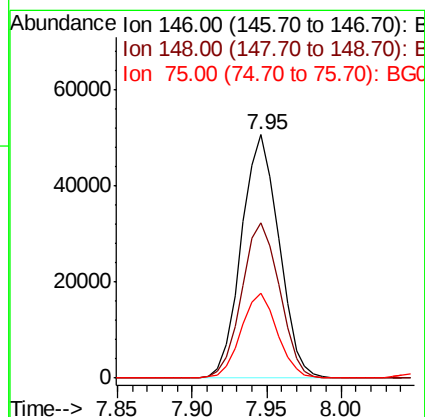
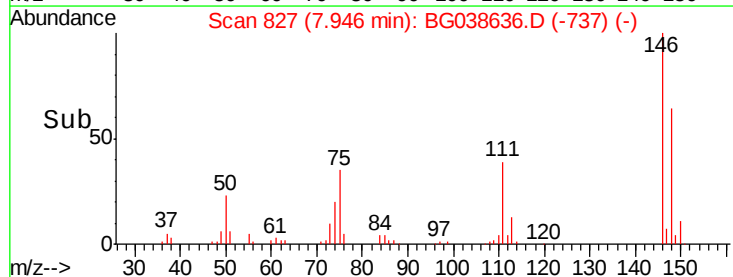
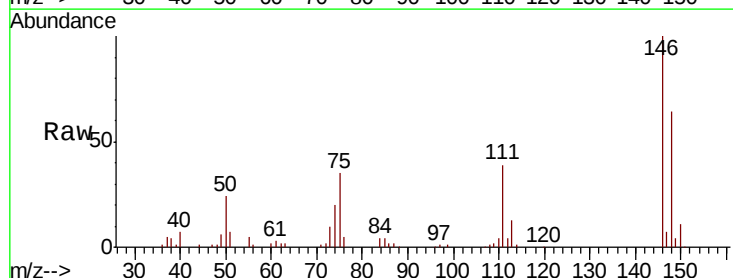
Instrument :
BNA_G
ClientSampleId :

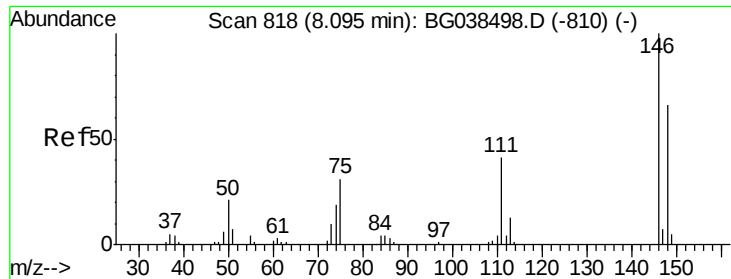
Tot Ion: 93 Resp: 75751
Ion Ratio Lower Upper
93 100
63 88.9 72.2 112.2
95 32.8 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 41.217 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

Tgt Ion: 146 Resp: 87978
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
75 34.9 26.1 39.1

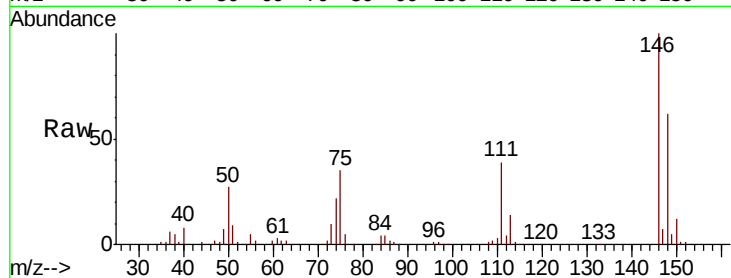




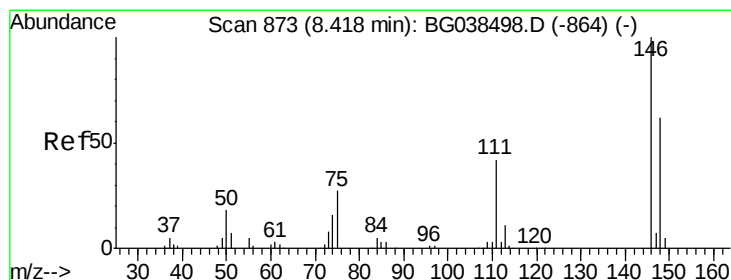
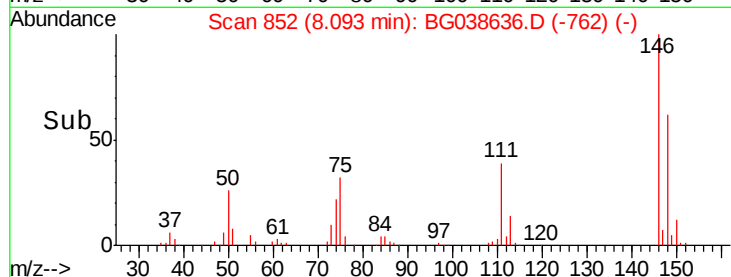
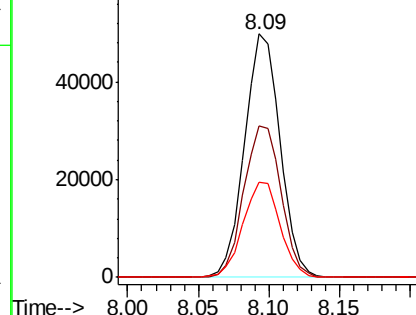
#13
 1,4-Dichlorobenzene
 Concen: 40.342 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 88193
 Ion Ratio Lower Upper
 146 100
 148 62.2 52.4 78.6
 111 38.9 33.0 49.4

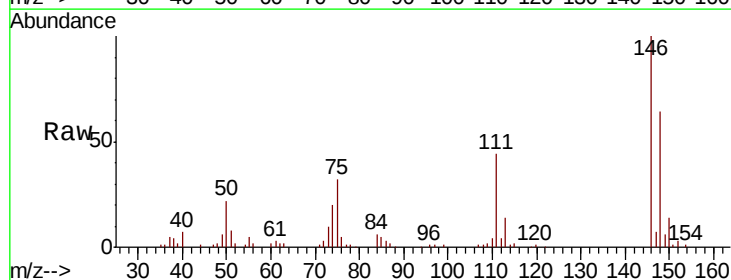


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

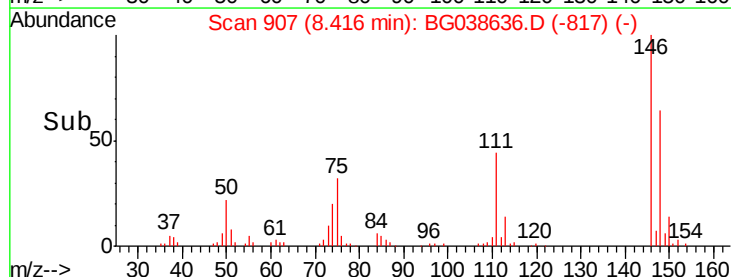
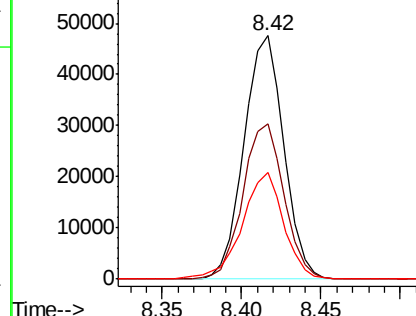


#14
 1,2-Dichlorobenzene
 Concen: 40.269 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Tgt Ion:146 Resp: 82993
 Ion Ratio Lower Upper
 146 100
 148 63.9 49.4 74.0
 111 43.7 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 43.764 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA_G

ClientSampled :

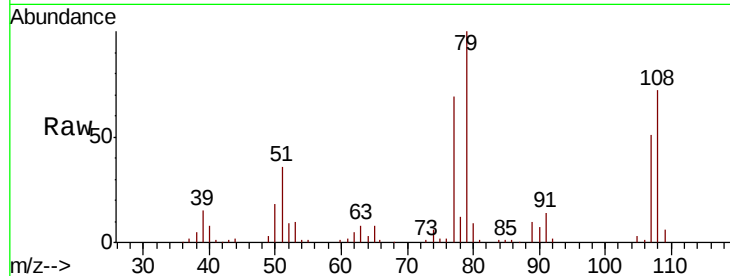
Tot Ion: 79 Resp: 73155

Ion Ratio Lower Upper

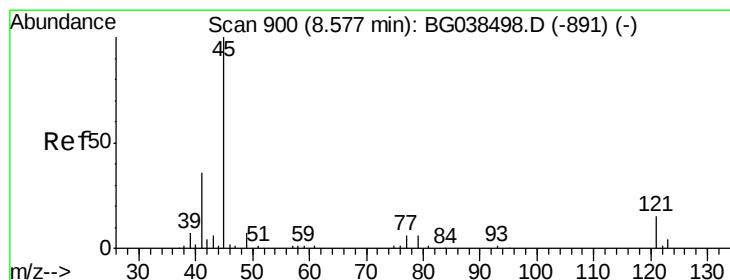
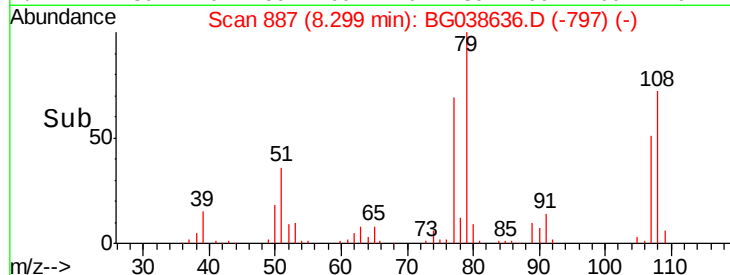
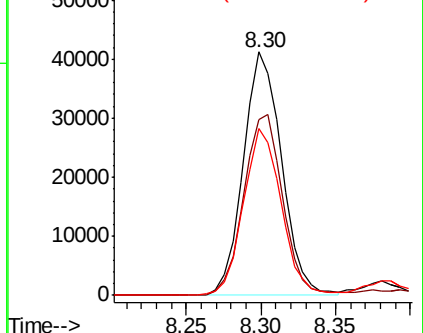
79 100

108 72.1 60.2 90.4

77 68.6 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: 40.859 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

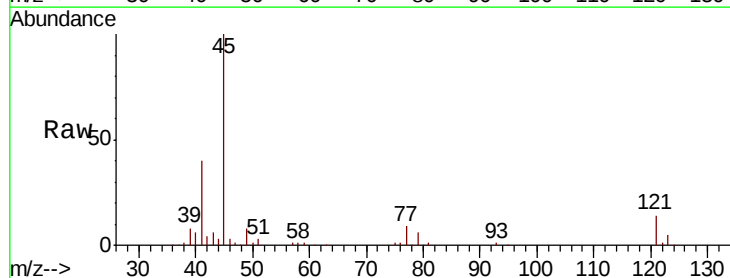
Tgt Ion: 45 Resp: 169544

Ion Ratio Lower Upper

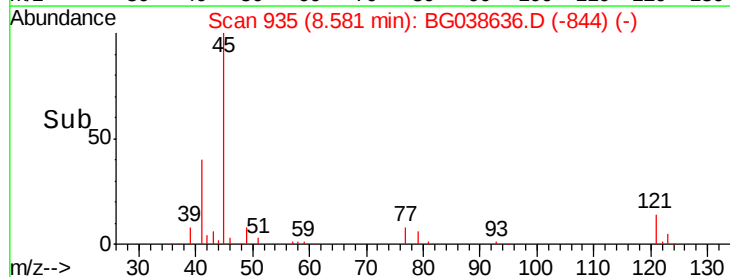
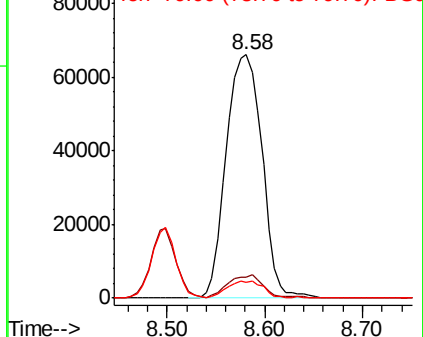
45 100

77 8.7 0.0 28.2

79 6.5 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

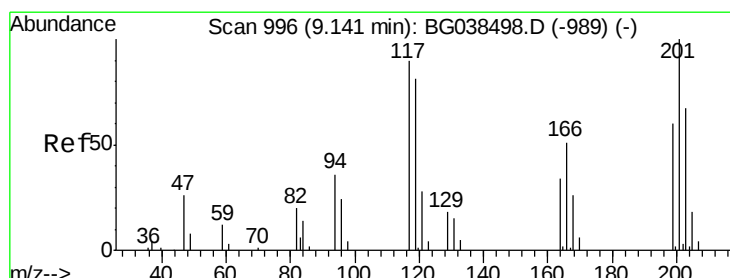
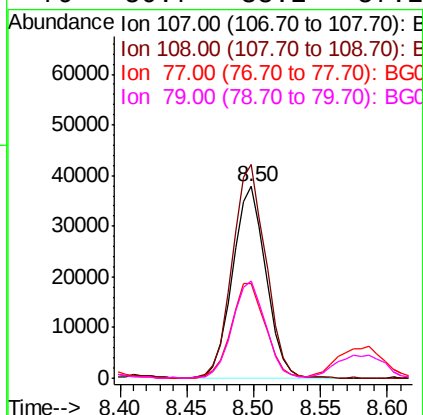
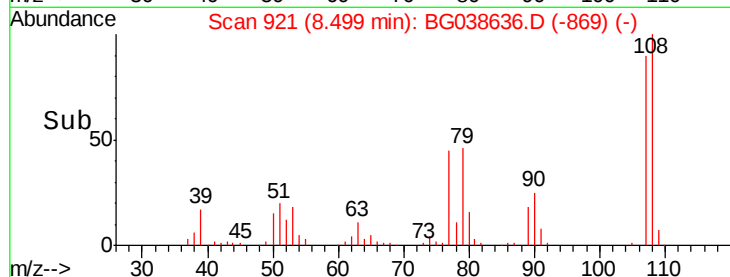
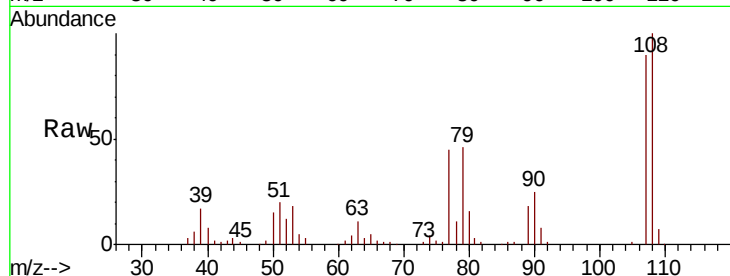




#17
2-Methylphenol
Concen: 43.260 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

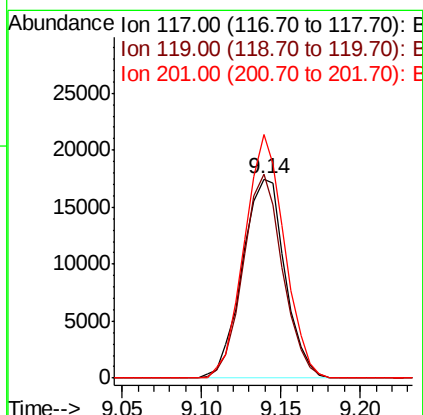
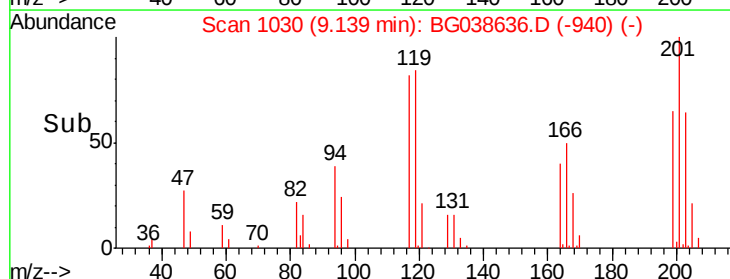
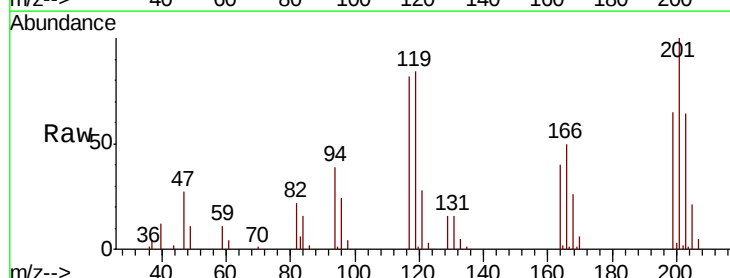
Instrument :
BNA_G
ClientSampleId :

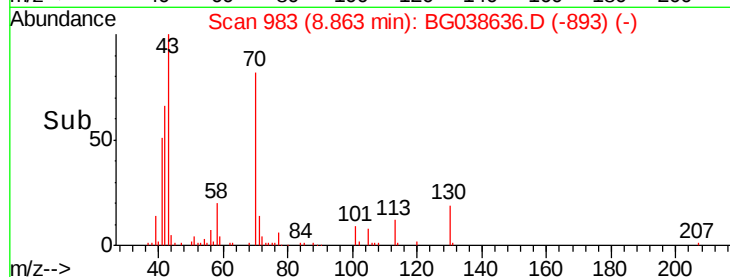
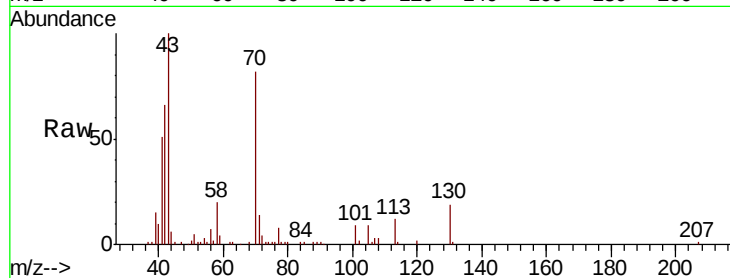
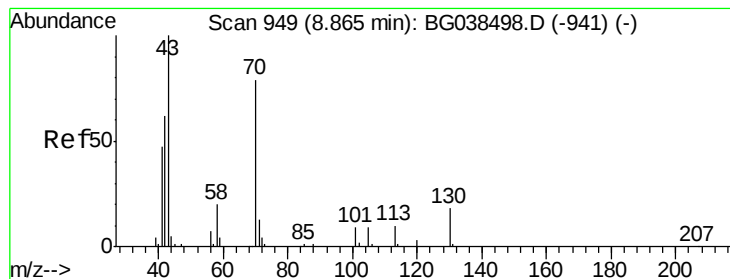
Tot Ion:107 Resp: 65944
Ion Ratio Lower Upper
107 100
108 111.4 87.1 130.7
77 49.6 42.0 63.0
79 50.7 38.2 57.2



#18
Hexachloroethane
Concen: 40.925 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

Tgt Ion:117 Resp: 32692
Ion Ratio Lower Upper
117 100
119 102.2 73.8 110.8
201 122.1 89.4 134.0





#19

n-Nitroso-di-n-propylamine

Concen: 42.575 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 64038

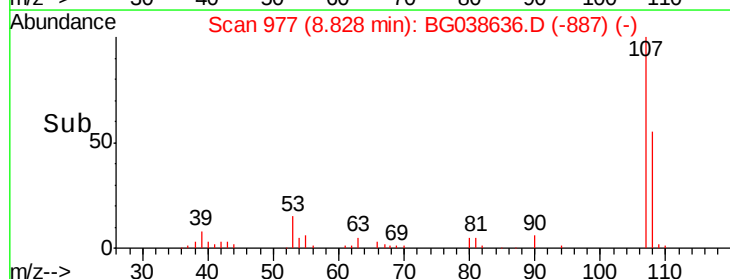
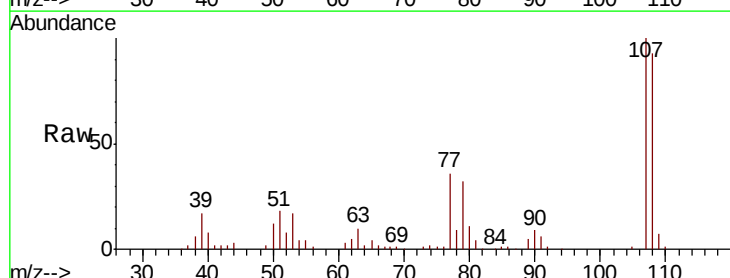
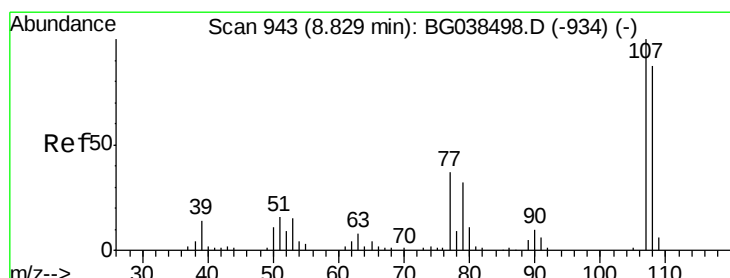
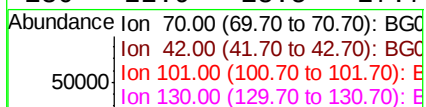
Ion Ratio Lower Upper

70 100

42 80.2 63.6 95.4

101 10.5 9.2 13.8

130 22.9 18.5 27.7



#20

3+4-Methylphenols

Concen: 43.137 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Tgt Ion: 107 Resp: 90813

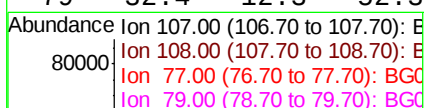
Ion Ratio Lower Upper

107 100

108 93.4 66.7 106.7

77 36.1 17.3 57.3

79 32.4 12.3 52.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 119653

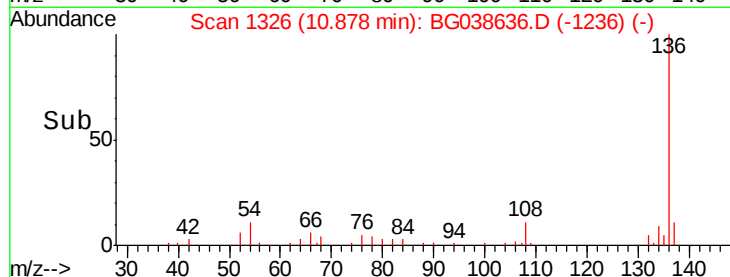
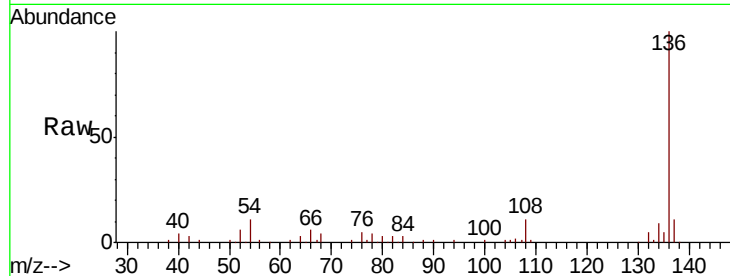
Ion Ratio Lower Upper

136 100

137 10.7 9.3 13.9

54 10.8 8.5 12.7

68 4.0 3.5 5.3

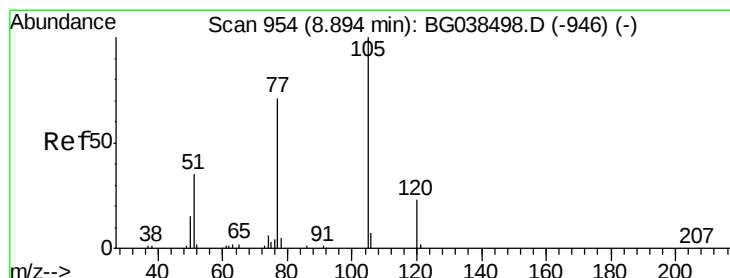
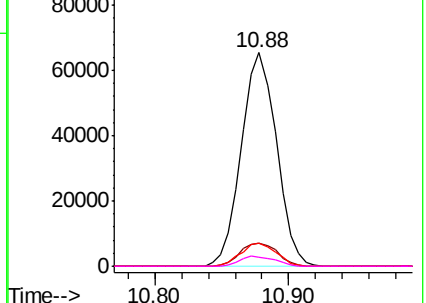


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.332 ng

RT: 8.89 min Scan# 988

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Tgt Ion:105 Resp: 117551

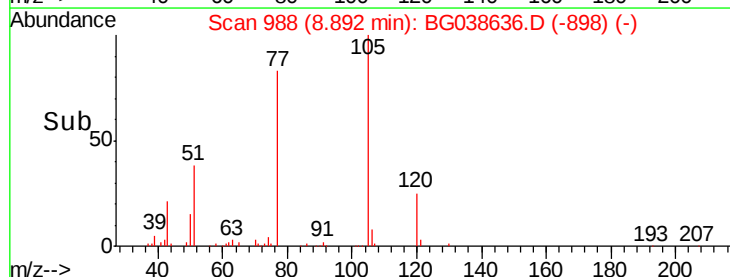
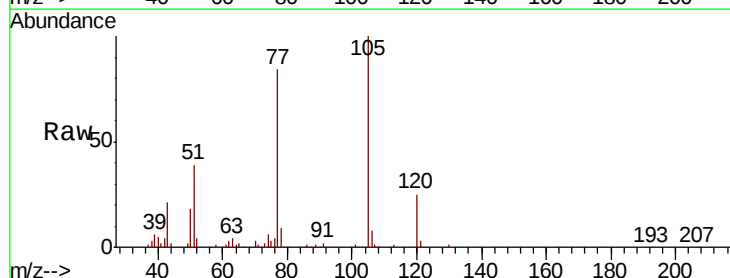
Ion Ratio Lower Upper

105 100

71 0.7 0.4 0.6#

51 39.3 30.6 46.0

120 24.6 18.6 28.0

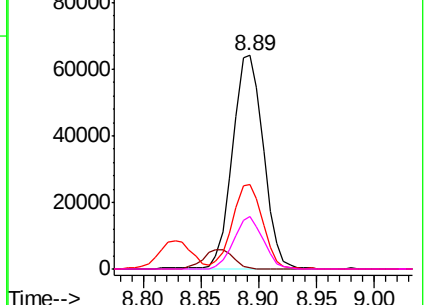


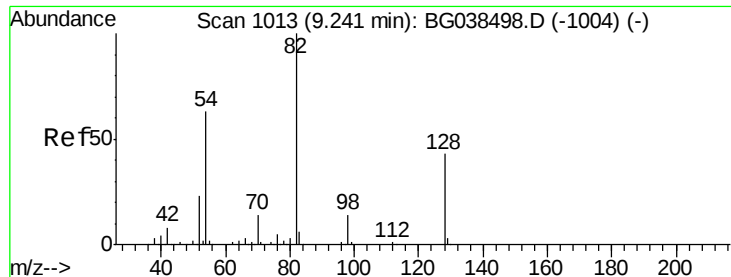
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

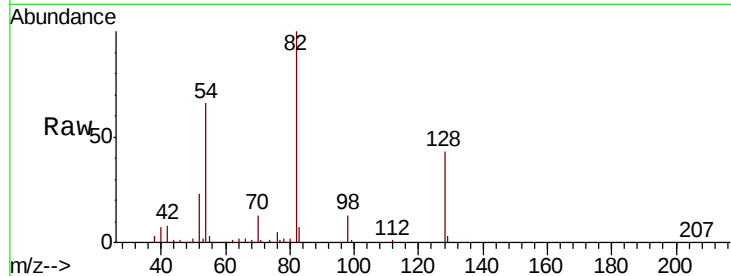




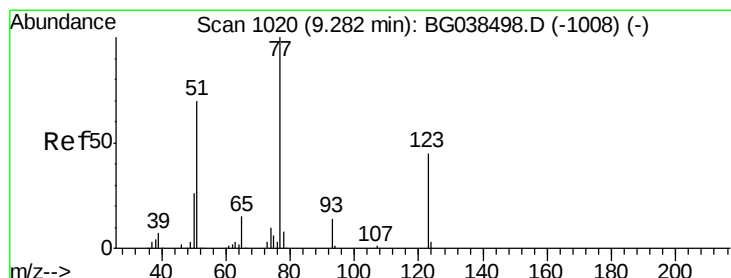
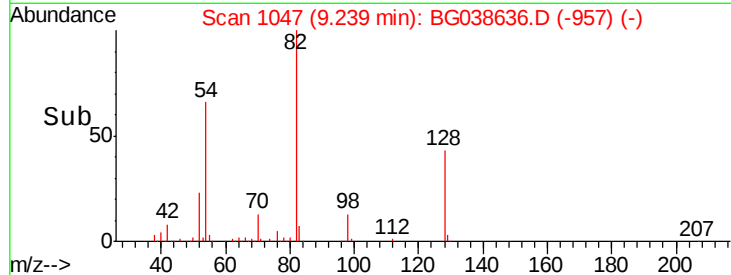
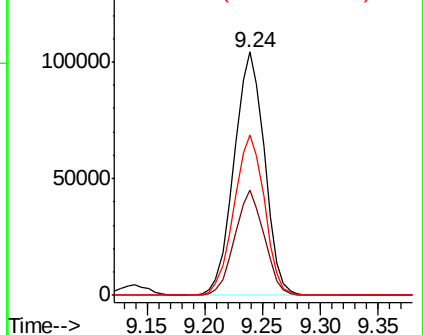
#23
 Nitrobenzene-d5
 Concen: 81.380 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	190604
Ion Ratio	100	Lower	Upper
128	43.5	34.6	52.0
54	65.7	50.6	76.0

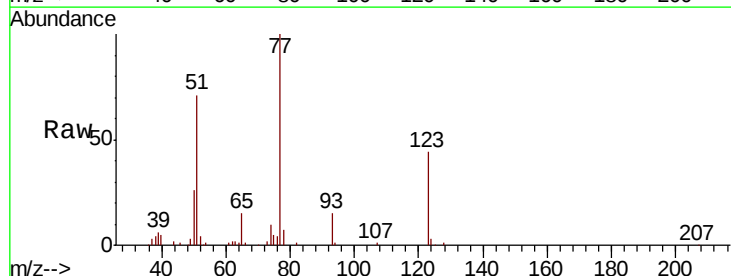


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

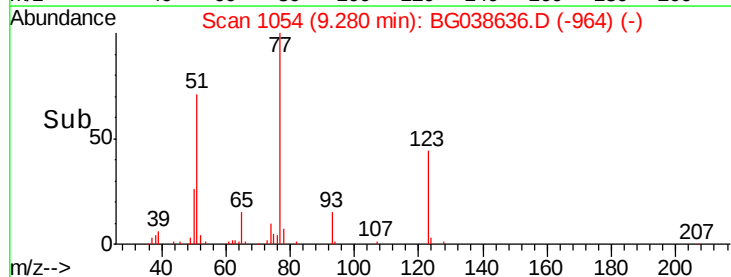
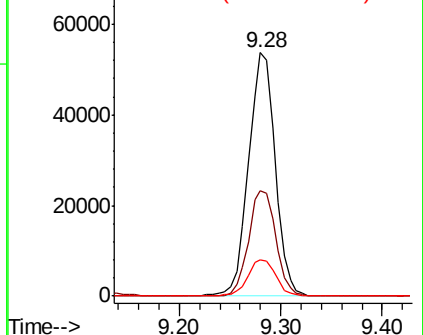


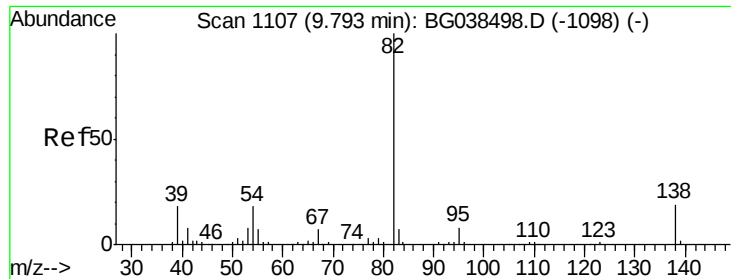
#24
 Nitrobenzene
 Concen: 41.337 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Tgt Ion	77	Resp	97944
Ion Ratio	100	Lower	Upper
123	43.5	35.9	53.9
65	14.7	12.0	18.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

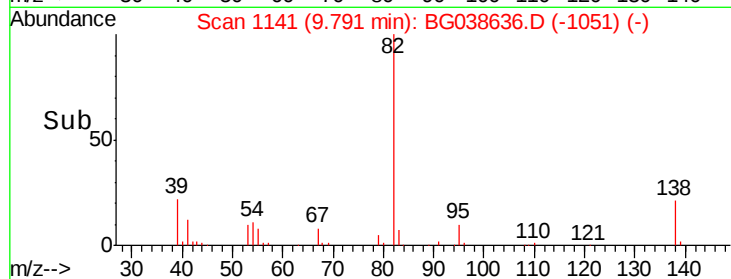
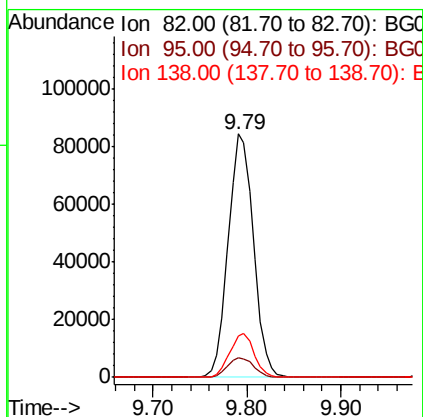
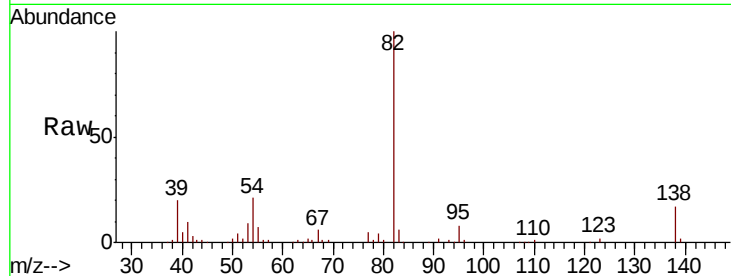




#25
Isophorone
Concen: 37.429 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

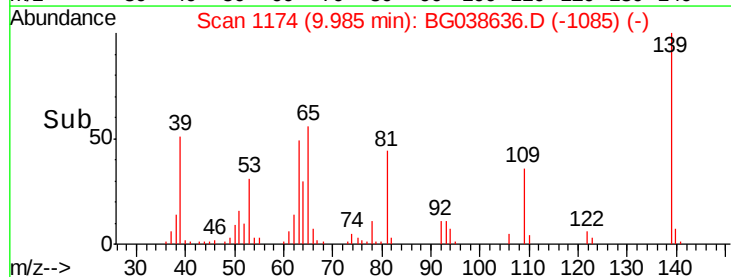
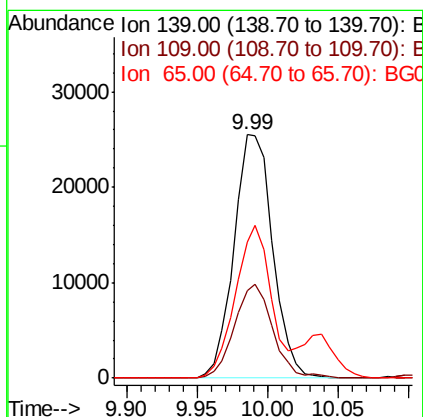
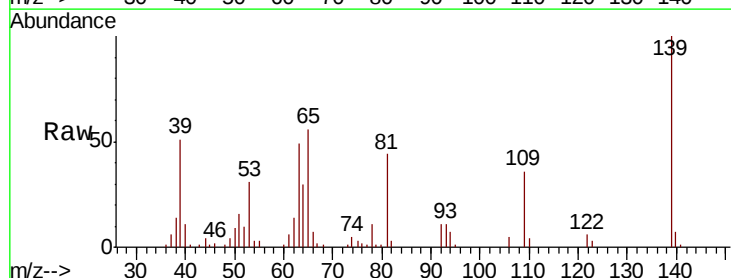
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 157506
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 17.2 14.9 22.3



#26
2-Nitrophenol
Concen: 40.341 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

Tgt Ion: 139 Resp: 48921
Ion Ratio Lower Upper
139 100
109 36.2 29.5 44.3
65 56.1 48.5 72.7

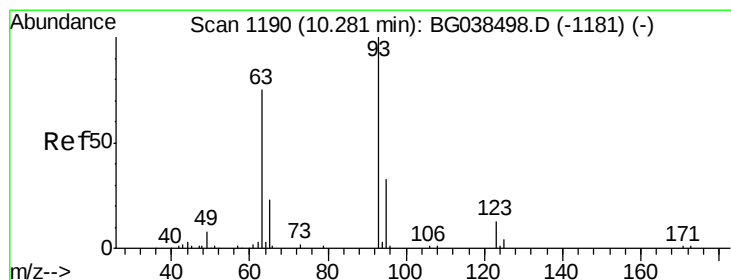
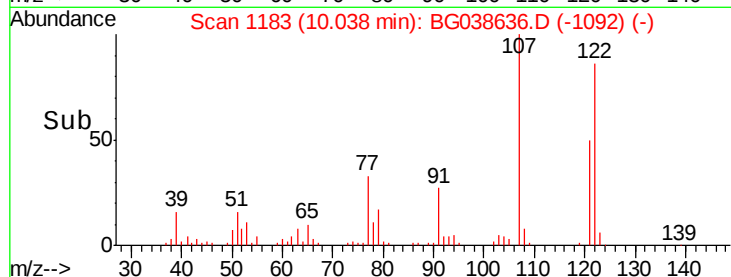
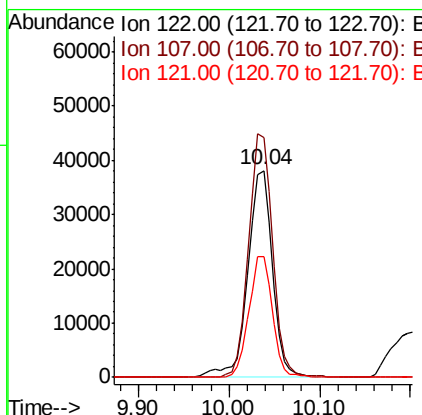
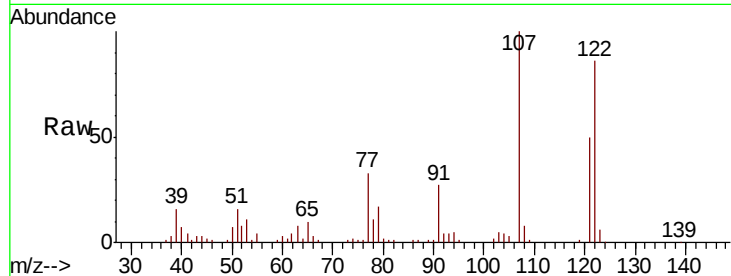




#27
2,4-Dimethylphenol
Concen: 41.305 ng
RT: 10.04 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

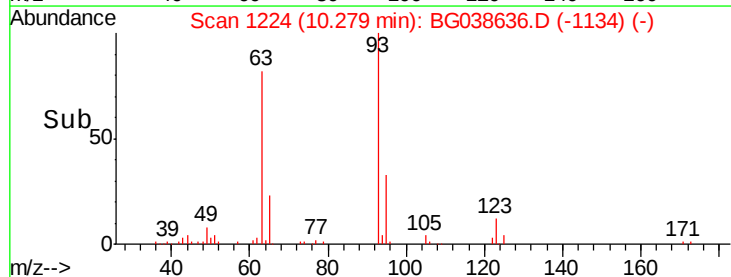
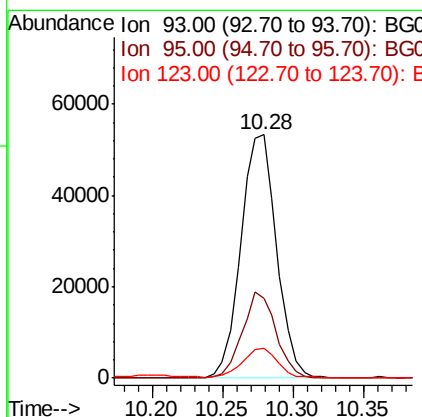
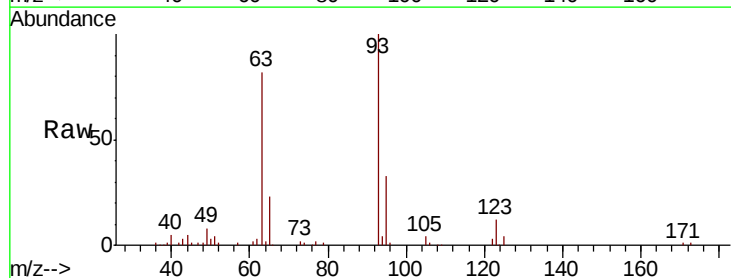
Instrument :
BNA_G
ClientSampled :

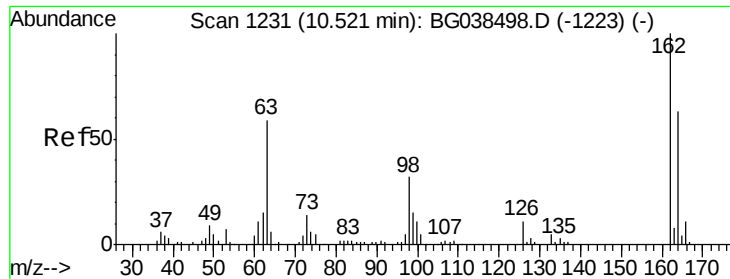
Tot Ion:122 Resp: 71788
Ion Ratio Lower Upper
122 100
107 115.8 98.4 147.6
121 58.1 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.600 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

Tgt Ion: 93 Resp: 94042
Ion Ratio Lower Upper
93 100
95 32.7 26.6 40.0
123 12.4 10.6 16.0

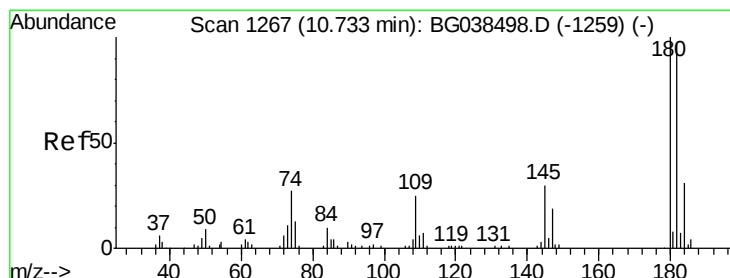
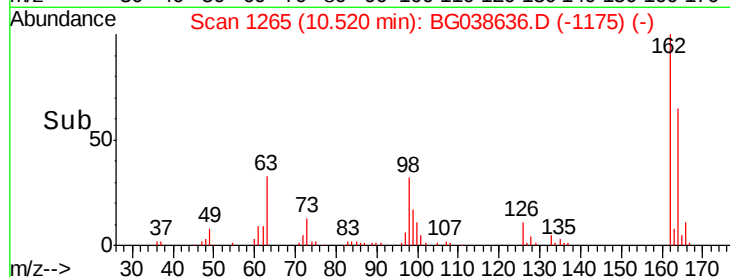
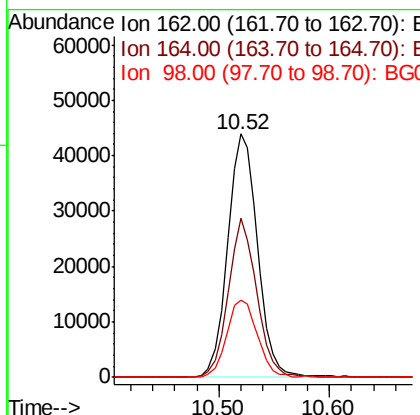
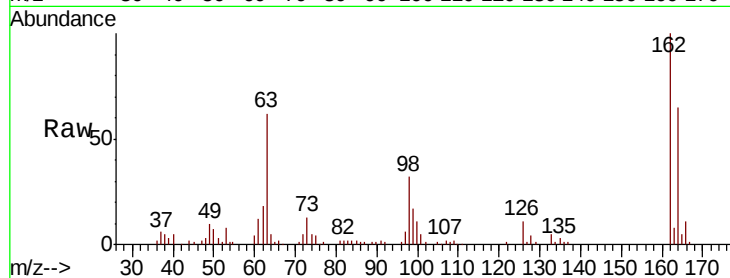




#29
 2,4-Dichlorophenol
 Concen: 43.035 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

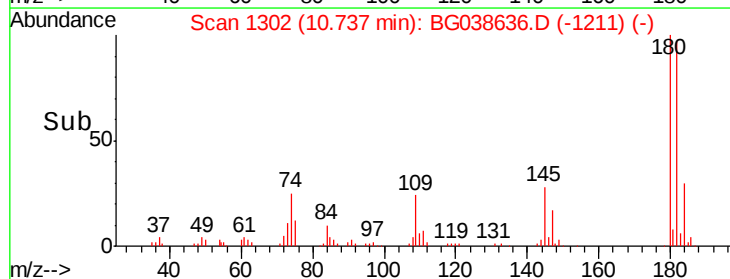
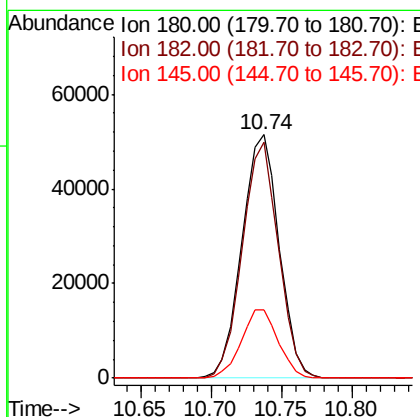
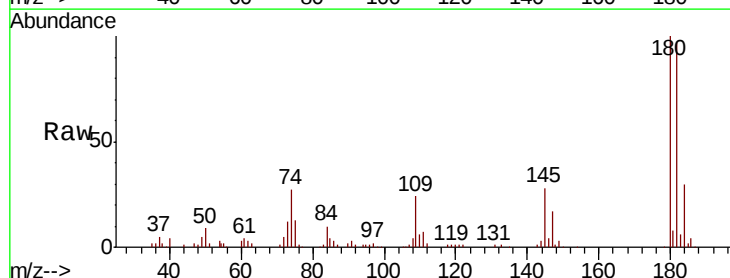
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	42.9	82.9
98	31.8	12.1	52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.668 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.4	116.0
145	28.2	24.1	36.1

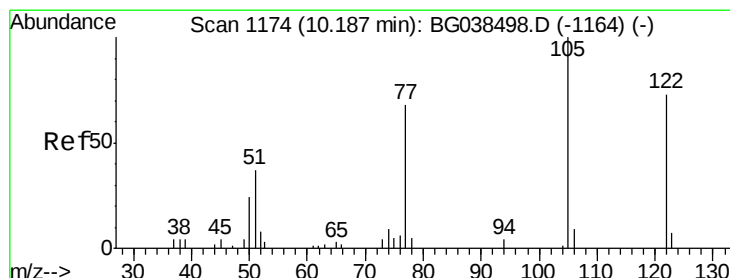
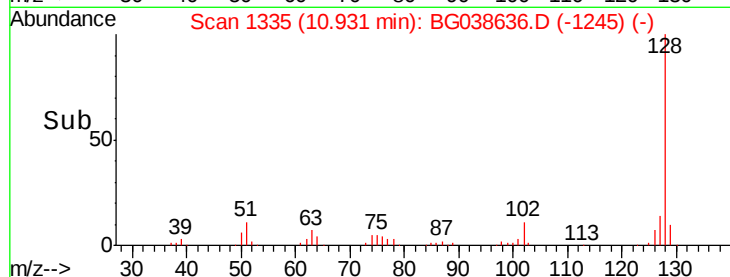
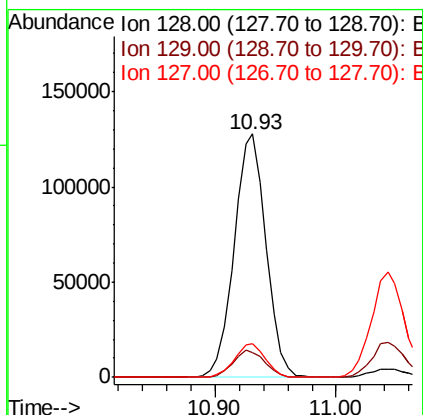
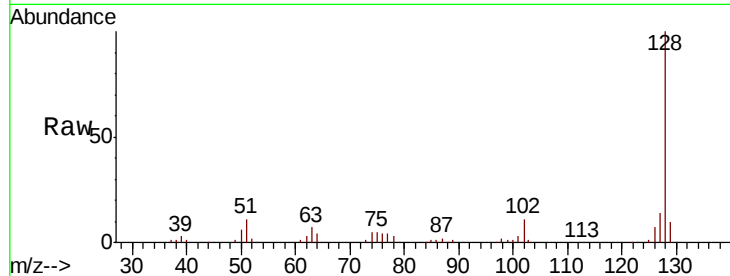




#31
Naphthalene
Concen: 39.633 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

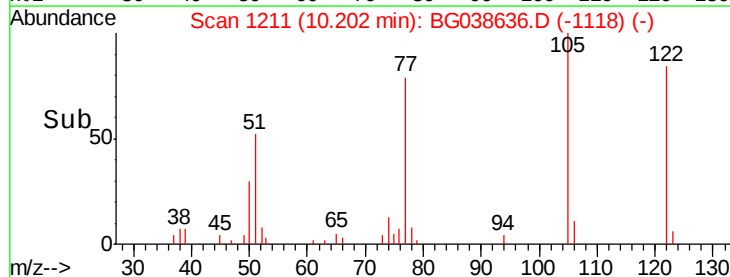
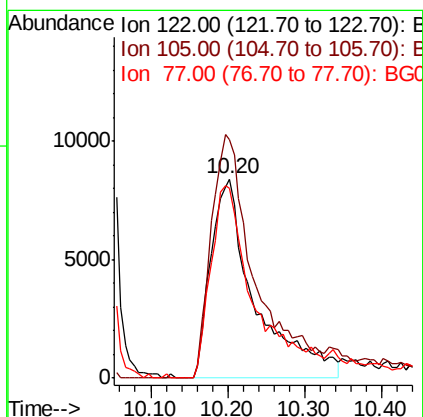
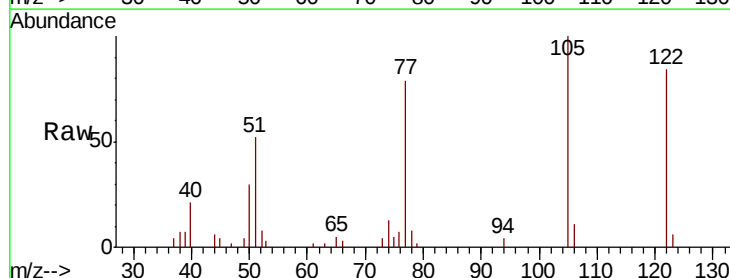
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 233655
Ion Ratio Lower Upper
128 100
129 10.1 9.5 14.3
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 34.268 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.02 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

Tgt Ion:122 Resp: 33758
Ion Ratio Lower Upper
122 100
105 119.7 116.7 156.7
77 95.1 72.5 112.5

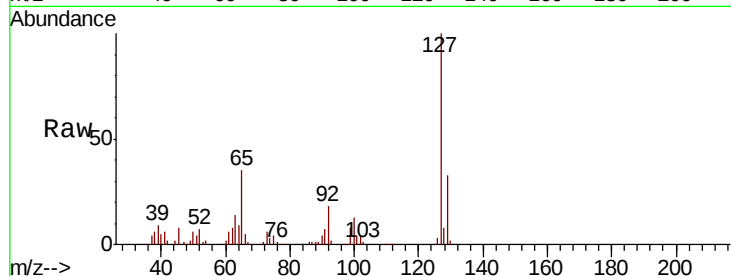




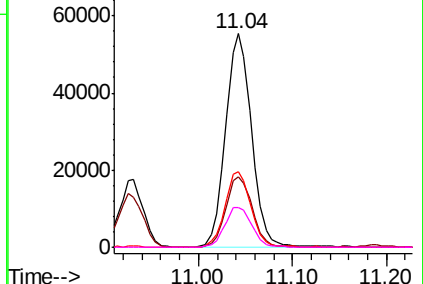
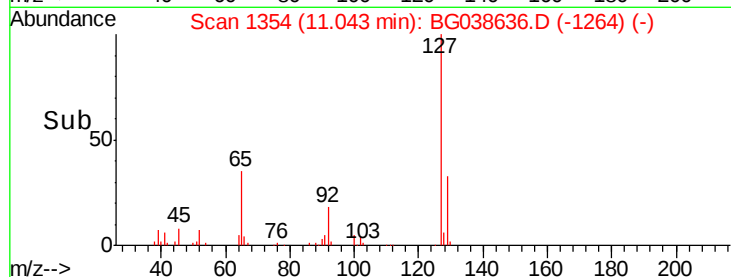
#33
4-Chloroaniline
Concen: 41.429 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	106039
Ion Ratio	Lower	Upper
127	100	
129	32.9	25.8 38.8
65	35.5	27.8 41.6
92	18.5	17.0 25.6

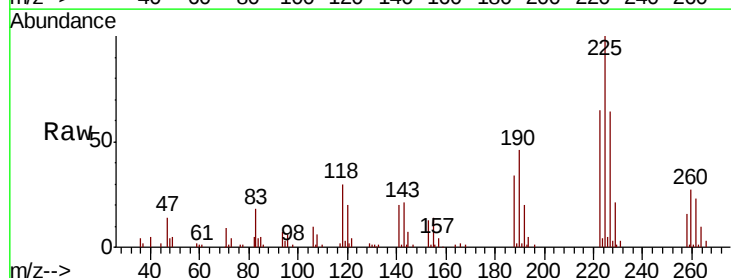


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

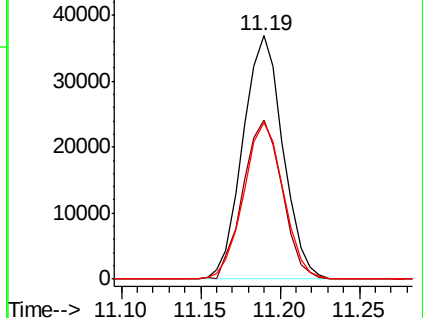
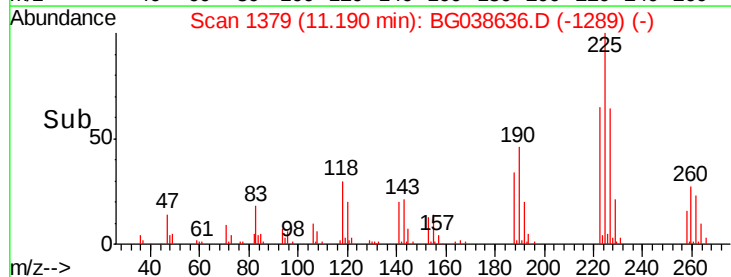


#34
Hexachlorobutadiene
Concen: 41.003 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

Tgt Ion:225	Resp:	64796
Ion Ratio	Lower	Upper
225	100	
223	65.8	45.0 67.6
227	64.2	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: 36.940 ng

RT: 11.84 min Scan# 1490

Delta R.T. 0.02 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA_G

ClientSampleId :

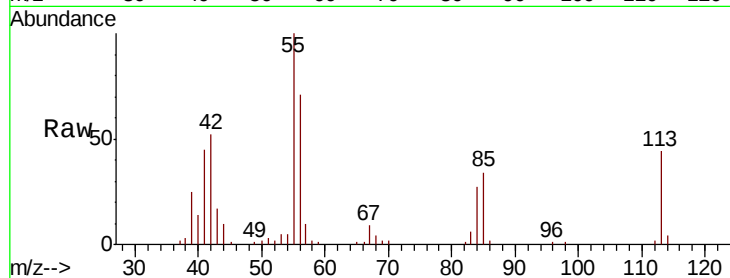
Tot Ion:113 Resp: 29558

Ion Ratio Lower Upper

113 100

55 227.6 204.3 244.3

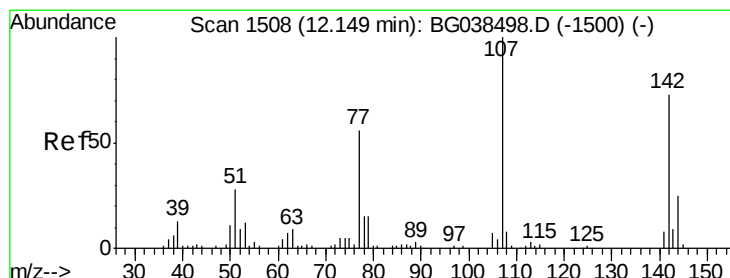
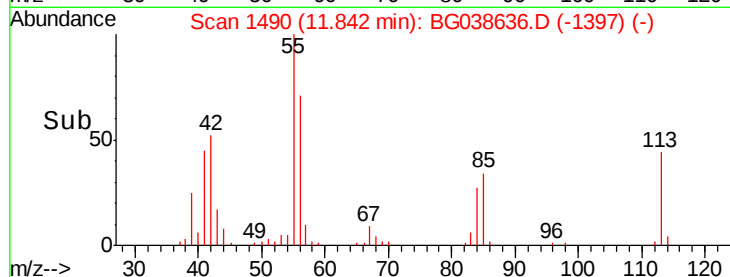
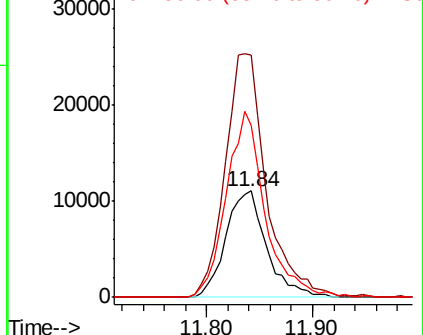
56 161.8 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.239 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

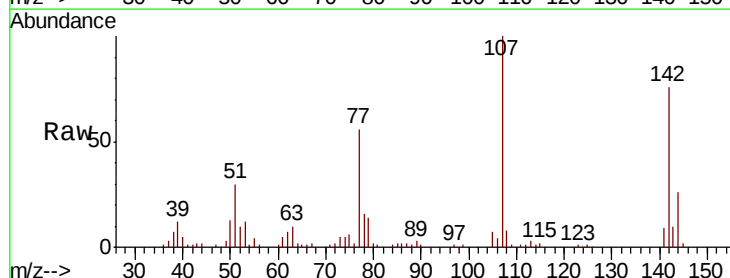
Tgt Ion:107 Resp: 86577

Ion Ratio Lower Upper

107 100

144 26.1 20.1 30.1

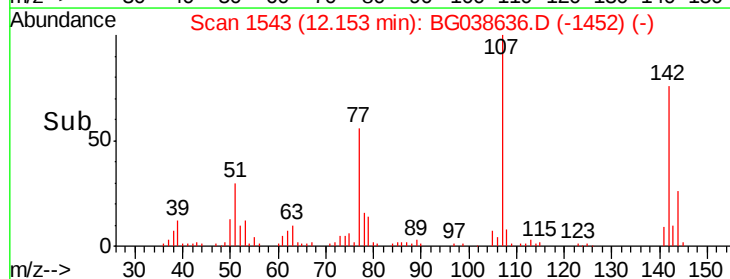
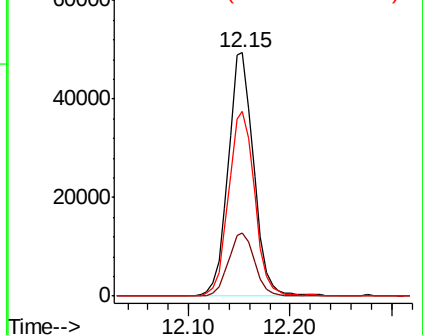
142 75.8 58.7 88.1

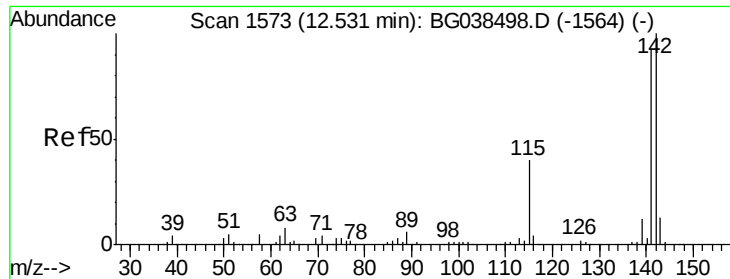


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

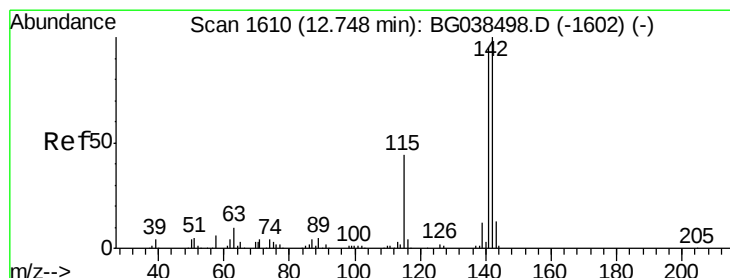
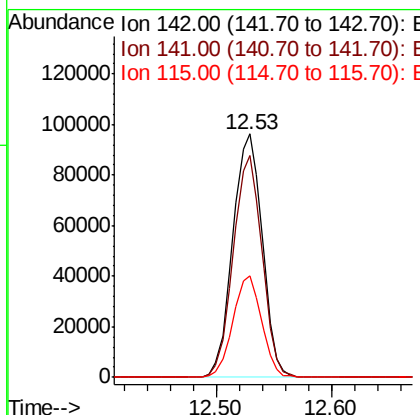
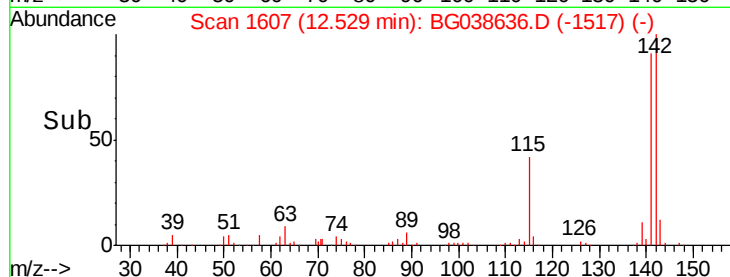
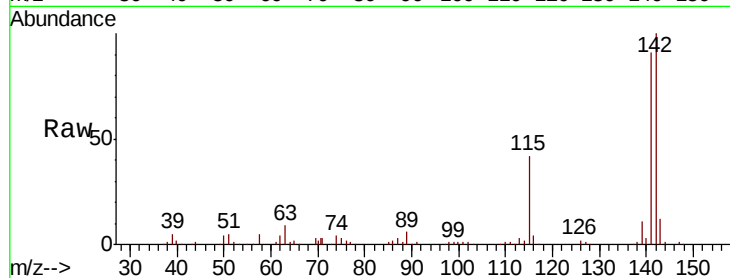




#37
2-Methylnaphthalene
Concen: 40.444 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

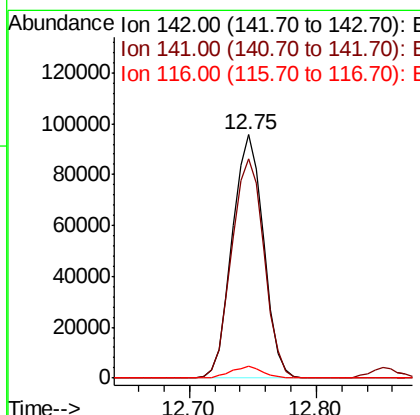
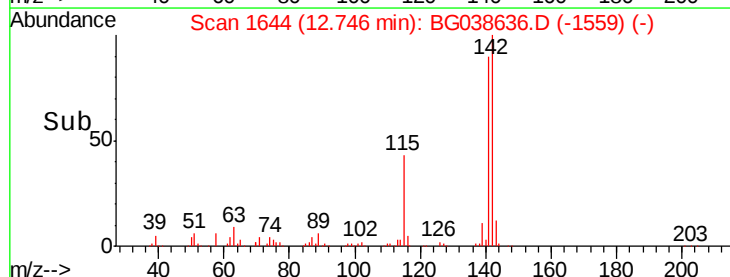
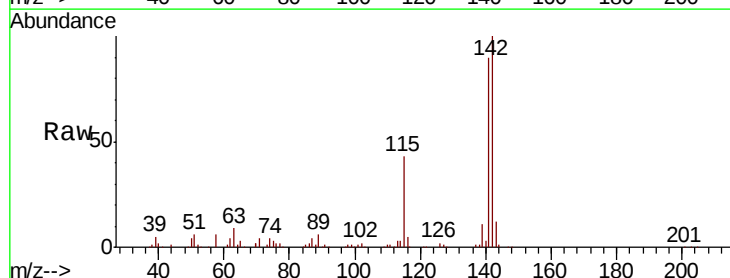
Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 170103
Ion Ratio Lower Upper
142 100
141 91.2 73.5 110.3
115 41.5 31.7 47.5



#38
1-Methylnaphthalene
Concen: 39.964 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

Tgt Ion:142 Resp: 163102
Ion Ratio Lower Upper
142 100
141 90.1 75.8 113.8
116 4.9 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA_G

ClientSampleId :

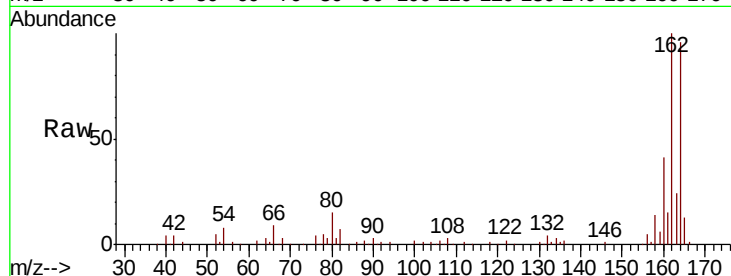
Tot Ion:164 Resp: 75030

Ion Ratio Lower Upper

164 100

162 104.6 86.6 130.0

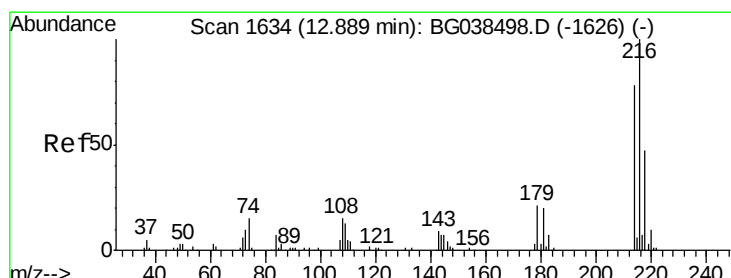
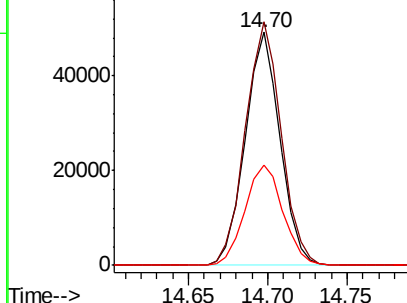
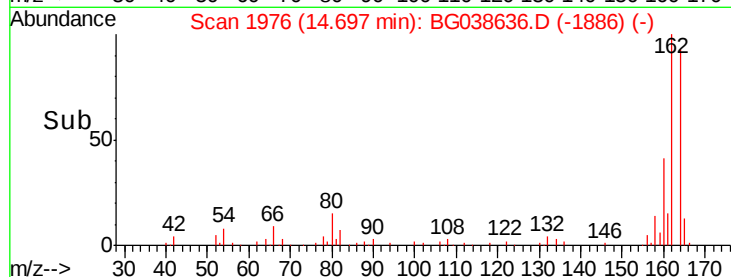
160 43.2 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.767 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Tgt Ion:216 Resp: 117140

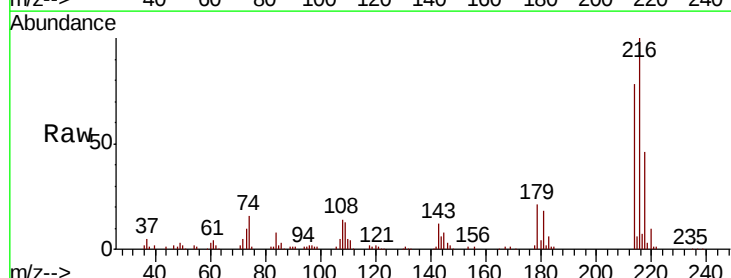
Ion Ratio Lower Upper

216 100

214 79.1 64.1 96.1

179 20.5 16.4 24.6

108 16.4 13.9 20.9

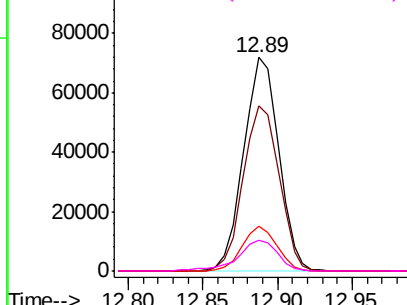
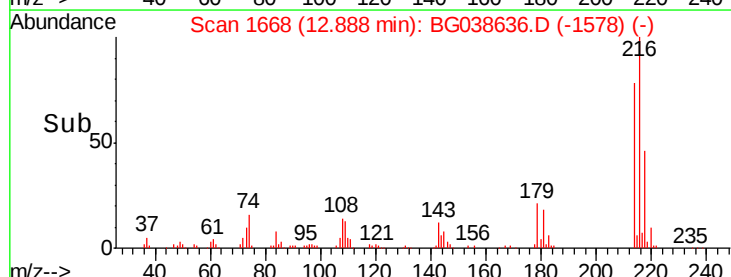


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.739 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA_G

ClientSampleId :

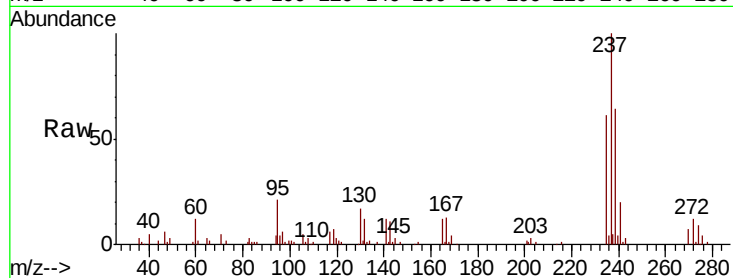
Tot Ion:237 Resp: 59691

Ion Ratio Lower Upper

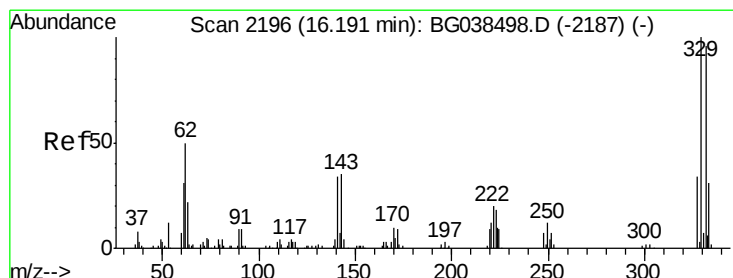
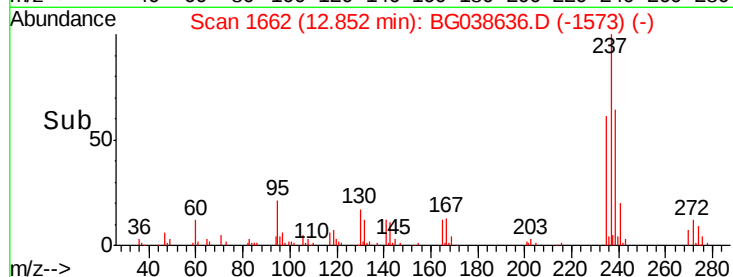
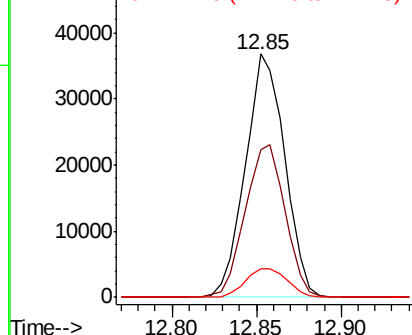
237 100

235 60.7 38.8 78.8

272 11.6 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: 82.774 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

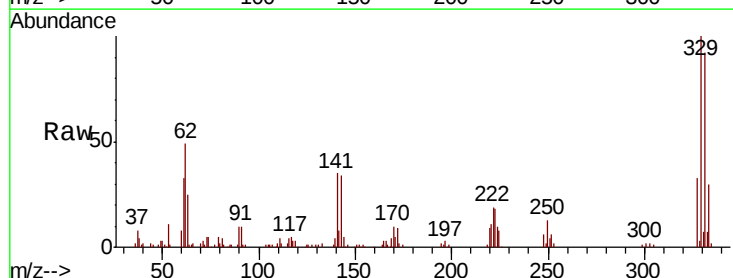
Tgt Ion:330 Resp: 85592

Ion Ratio Lower Upper

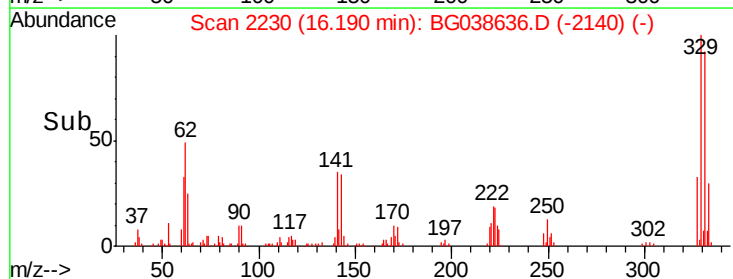
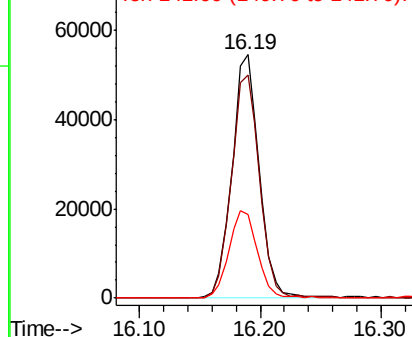
330 100

332 94.4 76.9 115.3

141 37.6 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

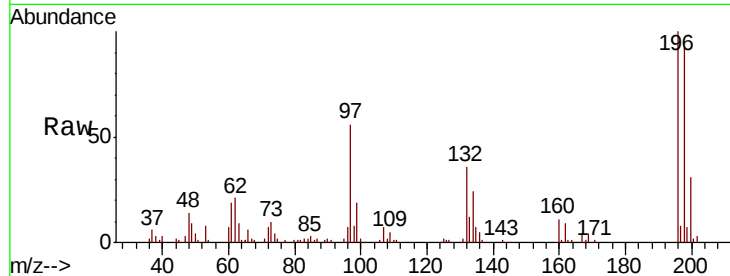




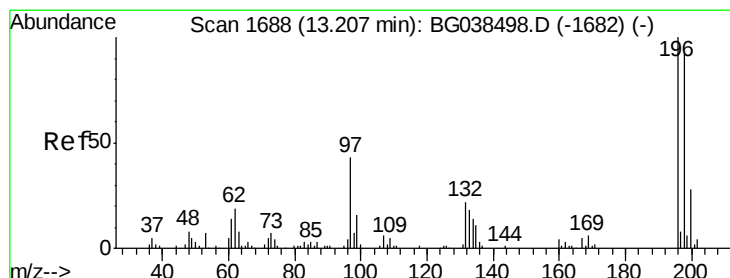
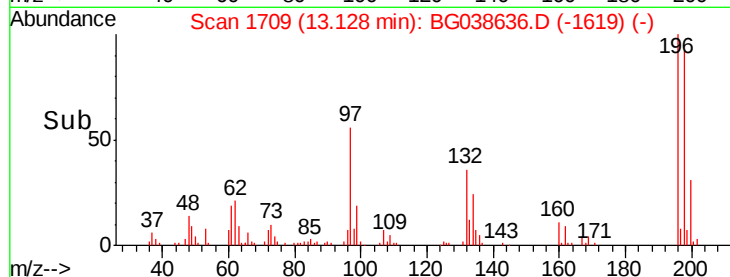
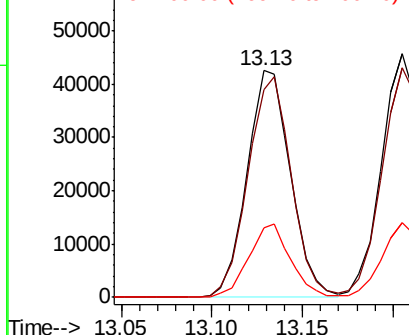
#43
 2,4,6-Trichlorophenol
 Concen: 41.133 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 70932
 Ion Ratio Lower Upper
 196 100
 198 91.8 75.0 112.4
 200 32.7 22.4 33.6

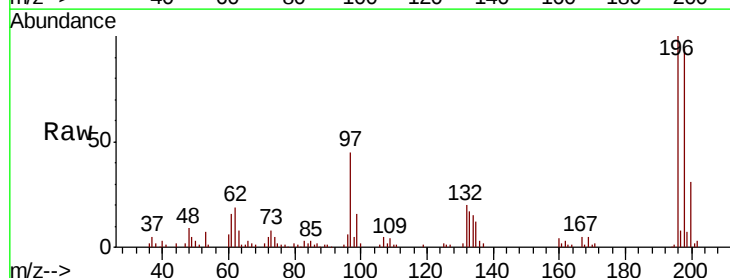


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

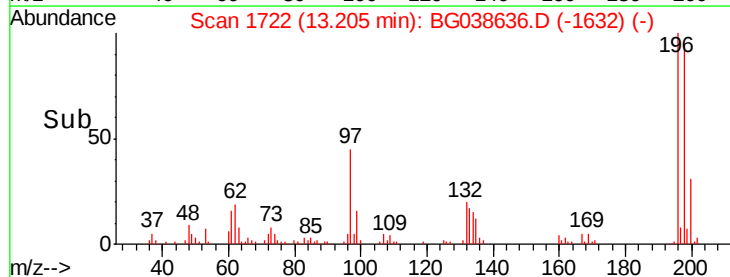
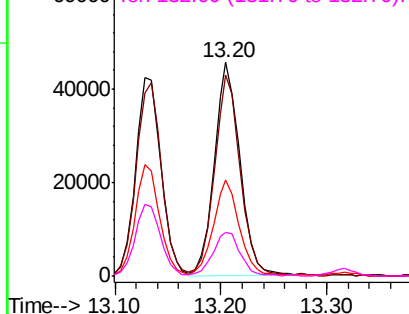


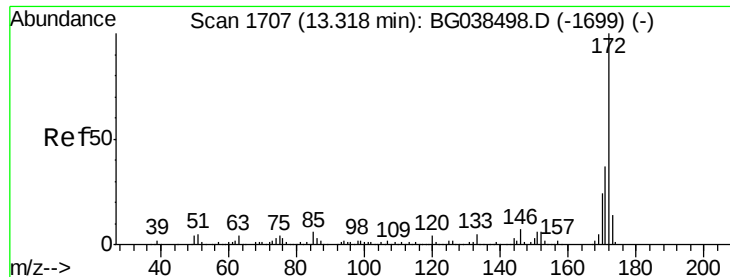
#44
 2,4,5-Trichlorophenol
 Concen: 42.475 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Tgt Ion:196 Resp: 77551
 Ion Ratio Lower Upper
 196 100
 198 94.2 74.0 111.0
 97 45.3 35.1 52.7
 132 20.4 18.0 27.0



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

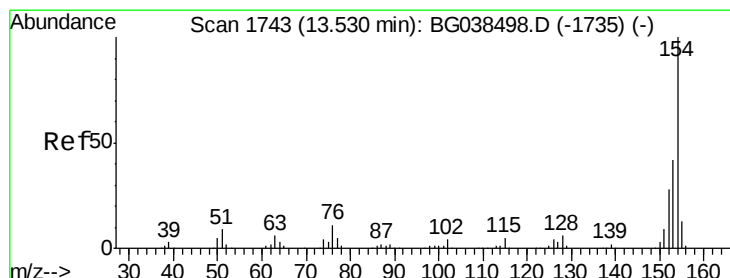
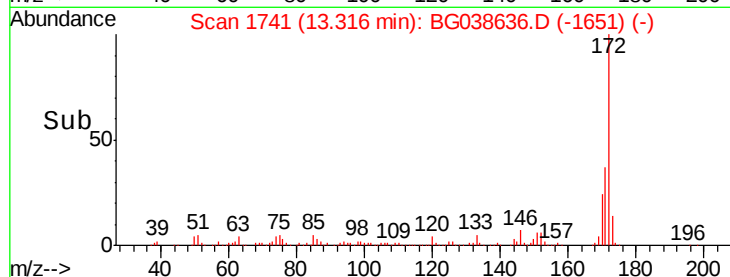
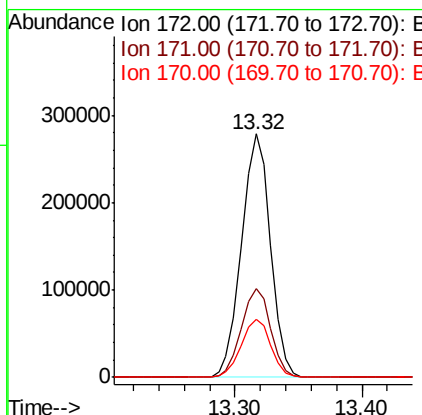
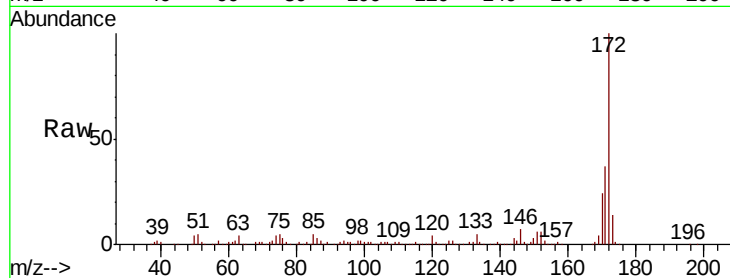




#45
2-Fluorobiphenyl
Concen: 80.339 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

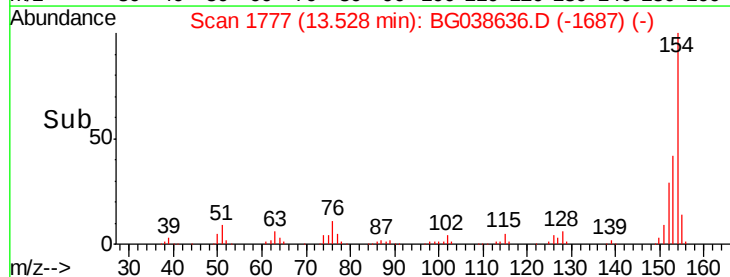
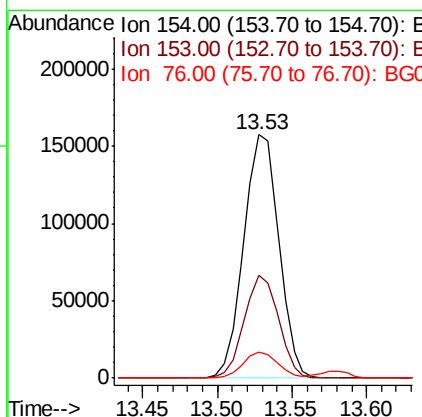
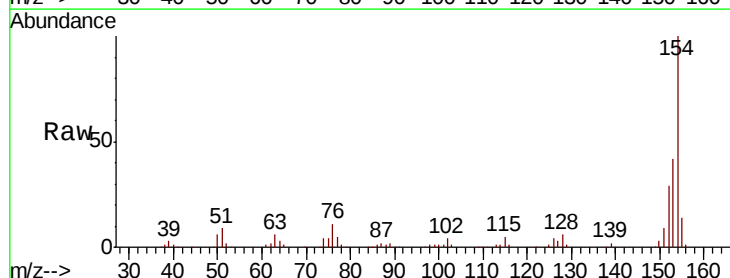
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.0	19.5	29.3



#46
1,1'-Biphenyl
Concen: 40.655 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.1	62.1
76	10.6	0.0	31.2

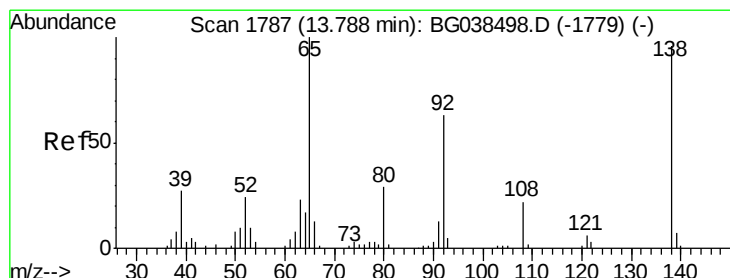
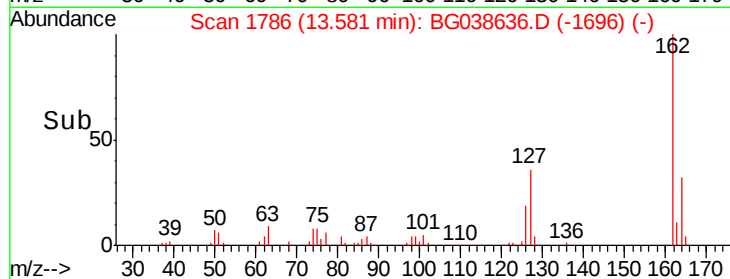
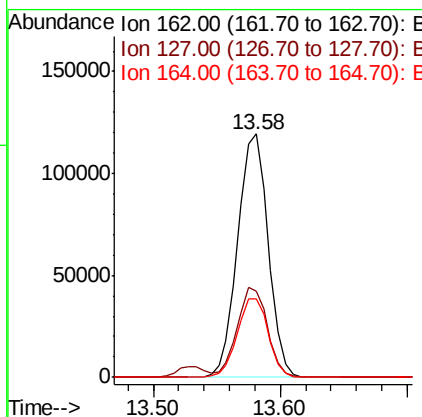
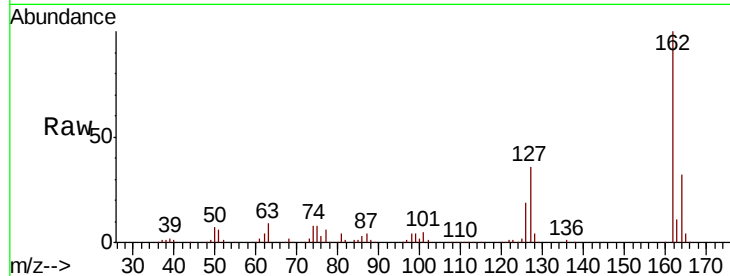




#47
2-Chloronaphthalene
Concen: 41.033 ng
RT: 13.58 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

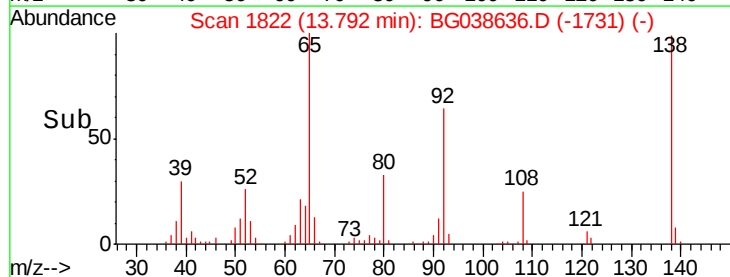
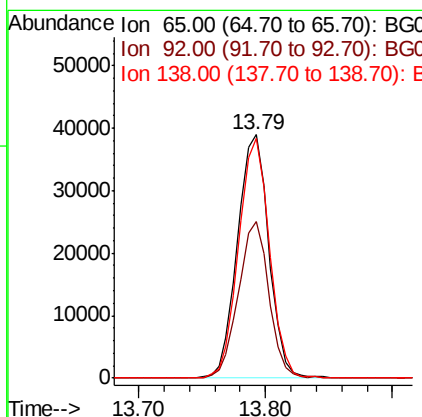
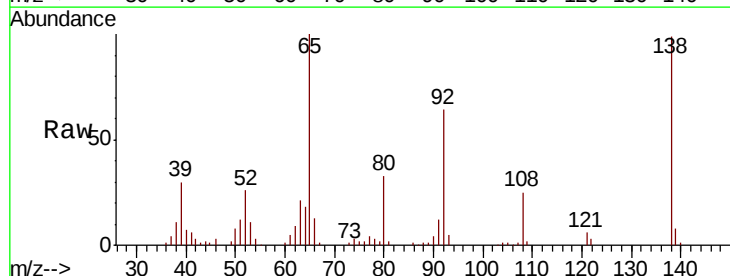
Instrument :
BNA_G
ClientSampleId :

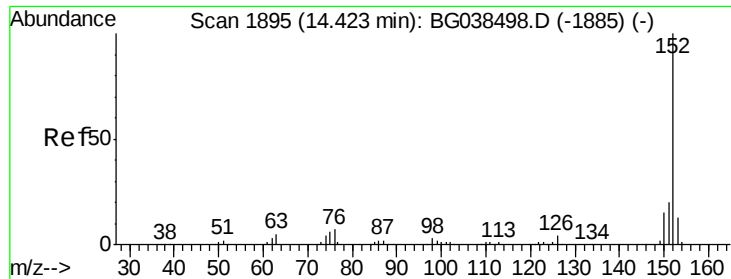
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.6	27.8	41.8
164	32.2	26.9	40.3



#48
2-Nitroaniline
Concen: 43.080 ng
RT: 13.79 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.5	50.0	75.0
138	98.5	76.9	115.3





#49

Acenaphthylene

Concen: 39.811 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA_G

ClientSampleId :

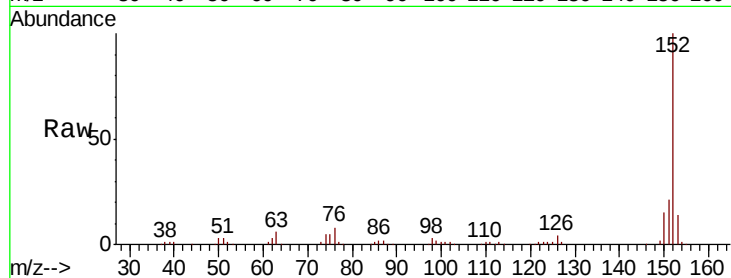
Tot Ion:152 Resp: 289169

Ion Ratio Lower Upper

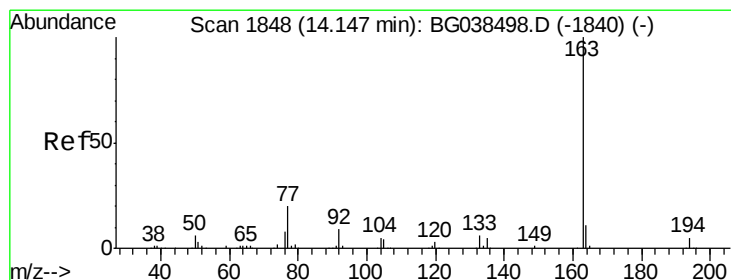
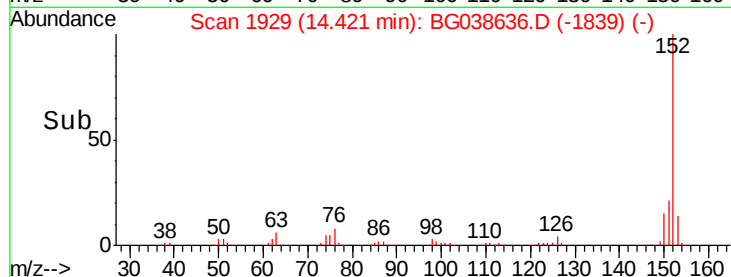
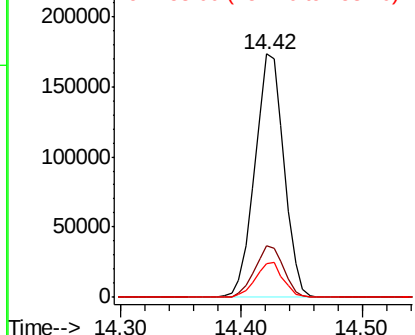
152 100

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: 40.558 ng

RT: 14.14 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

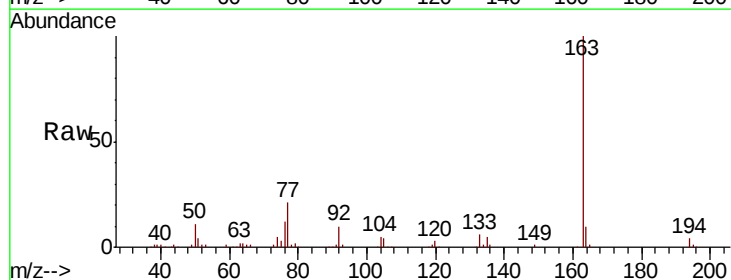
Tgt Ion:163 Resp: 248505

Ion Ratio Lower Upper

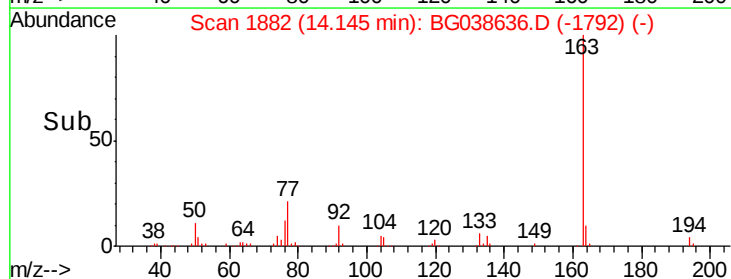
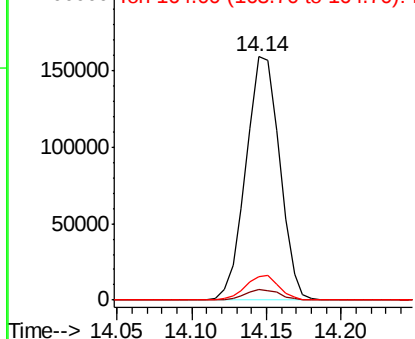
163 100

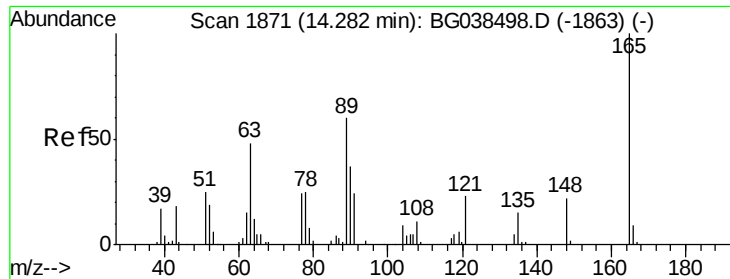
194 4.3 3.7 5.5

164 9.8 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

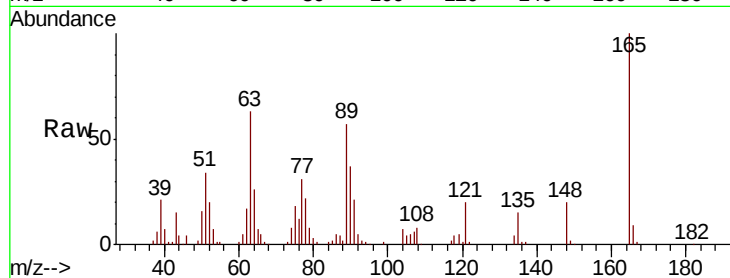




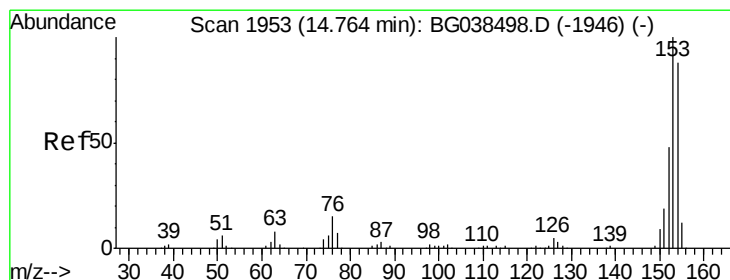
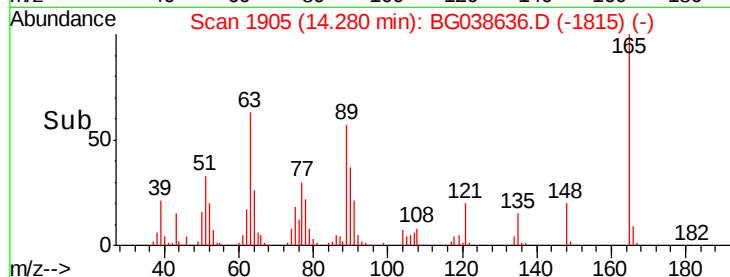
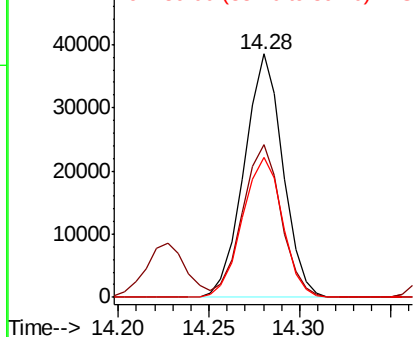
#51
 2,6-Dinitrotoluene
 Concen: 41.079 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 57039
 Ion Ratio Lower Upper
 165 100
 63 62.9 51.8 77.6
 89 57.3 47.9 71.9

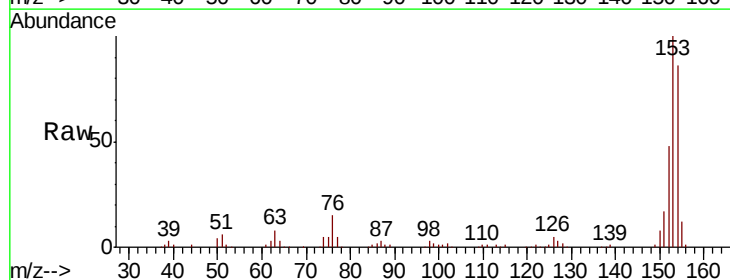


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

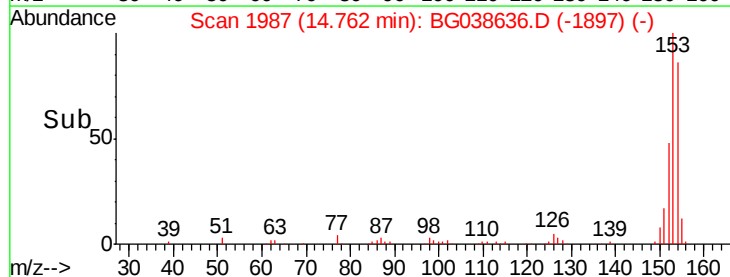
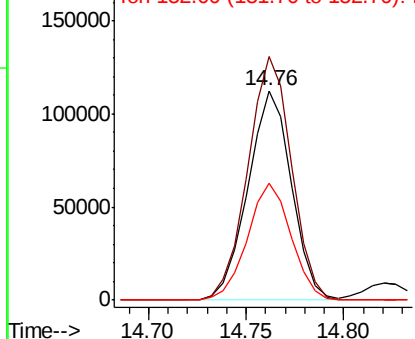


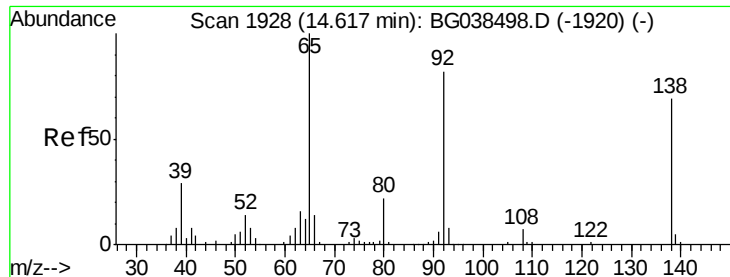
#52
 Acenaphthene
 Concen: 39.886 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Tgt Ion:154 Resp: 173237
 Ion Ratio Lower Upper
 154 100
 153 116.3 90.6 136.0
 152 56.1 43.5 65.3



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

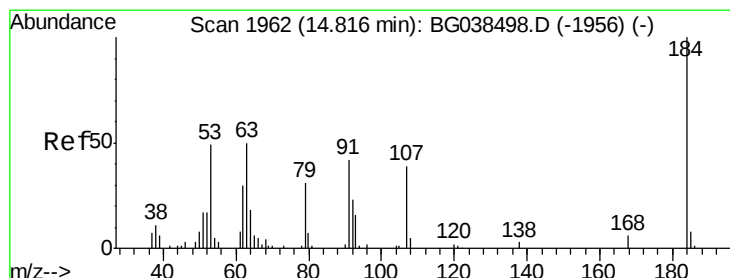
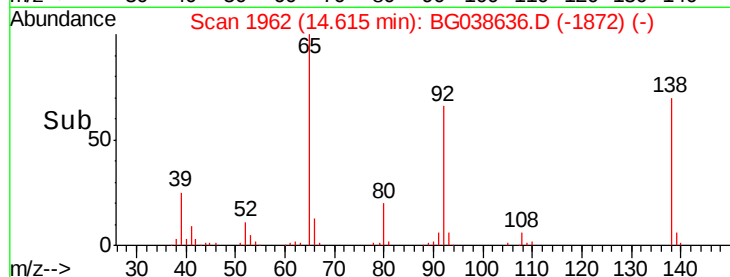
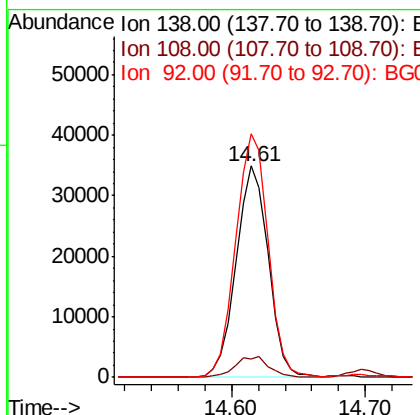
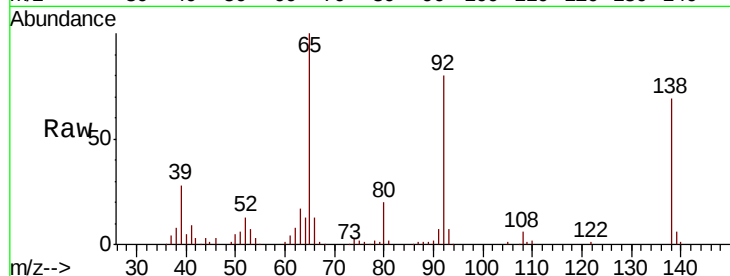




#53
3-Nitroaniline
Concen: 41.292 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

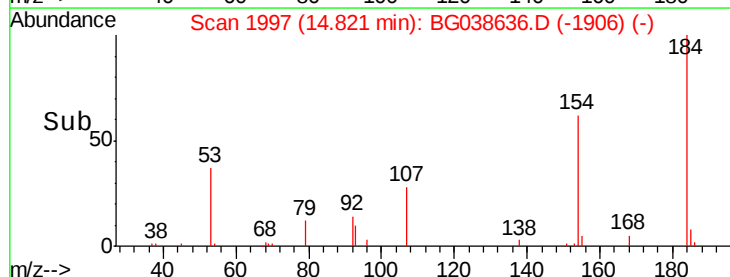
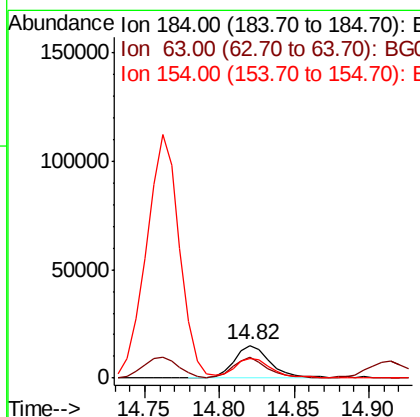
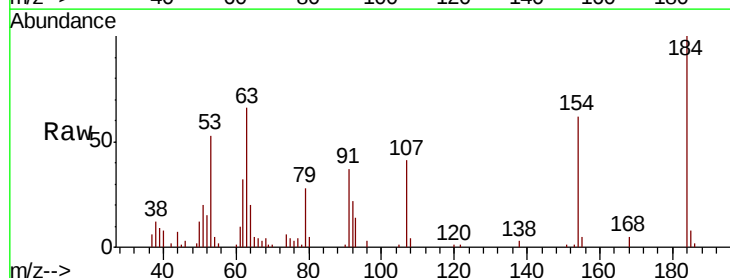
Instrument :
BNA_G
ClientSampleId :

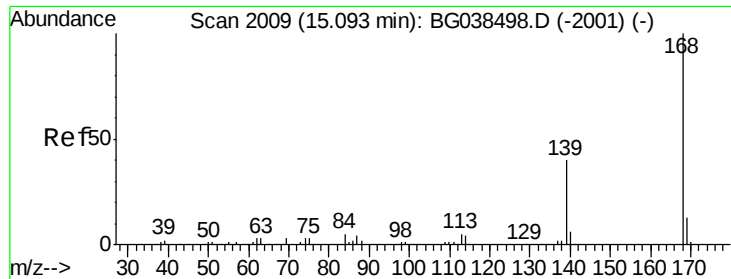
Tot Ion:138 Resp: 58446
Ion Ratio Lower Upper
138 100
108 8.6 7.9 11.9
92 115.1 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 34.271 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

Tgt Ion:184 Resp: 25698
Ion Ratio Lower Upper
184 100
63 65.9 47.0 70.6
154 61.7 50.3 75.5

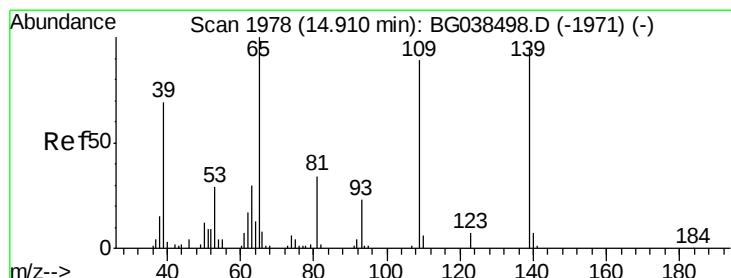
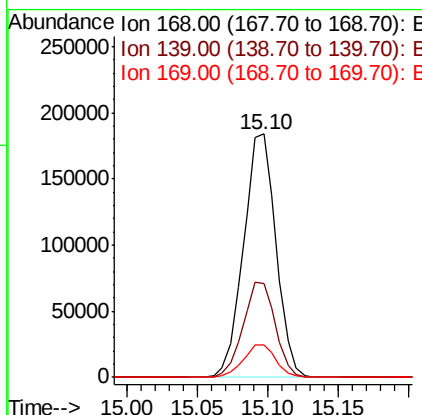
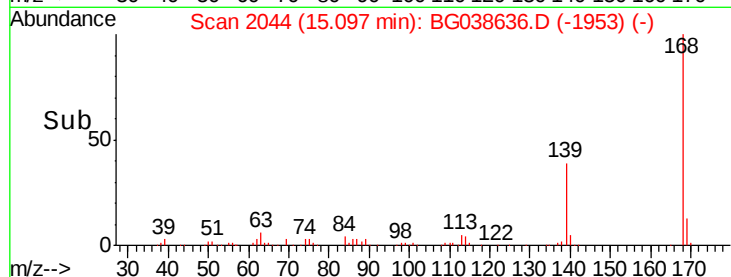
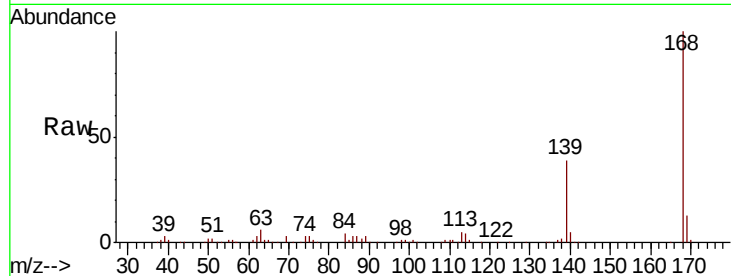




#55
Dibenzenofuran
Concen: 39.697 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

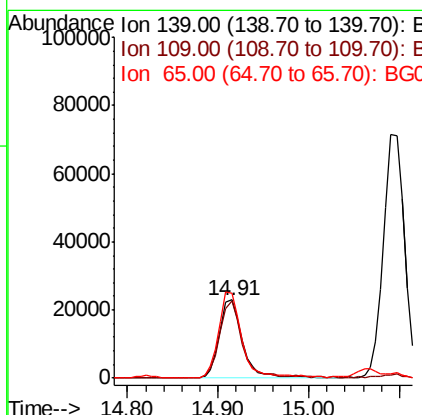
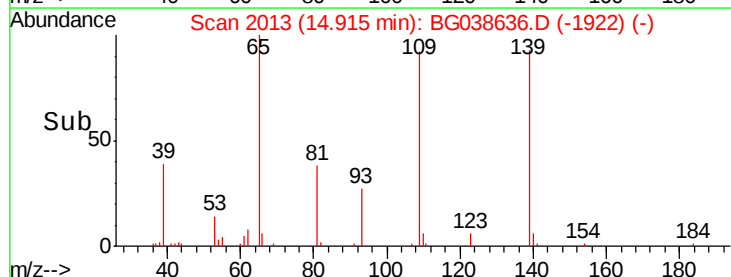
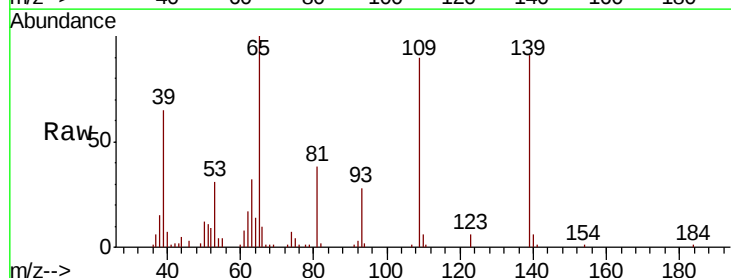
Instrument :
BNA_G
ClientSampled :

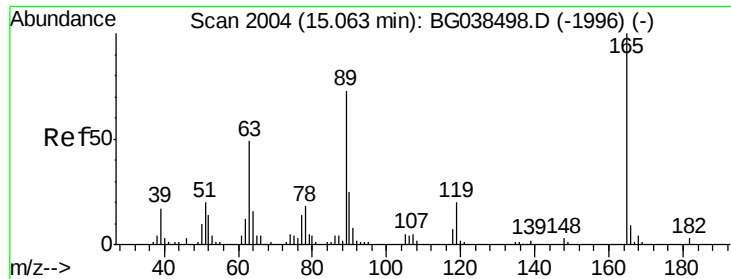
Tot	Ion:168	Resp:	295547
Ion	Ratio	Lower	Upper
168	100		
139	38.7	32.2	48.2
169	13.5	10.6	16.0



#56
4-Nitrophenol
Concen: 38.833 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

Tgt	Ion:139	Resp:	41698
Ion	Ratio	Lower	Upper
139	100		
109	98.7	73.6	113.6
65	109.5	84.8	124.8

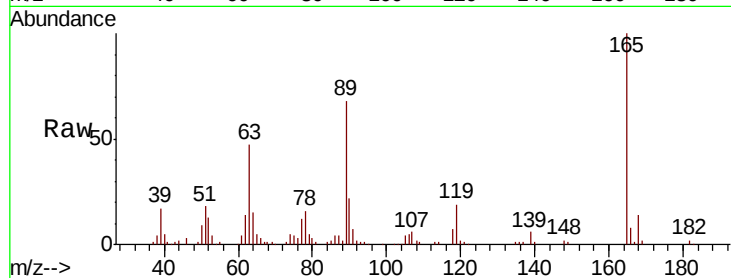




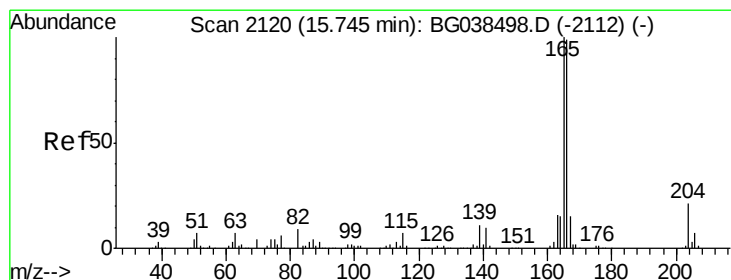
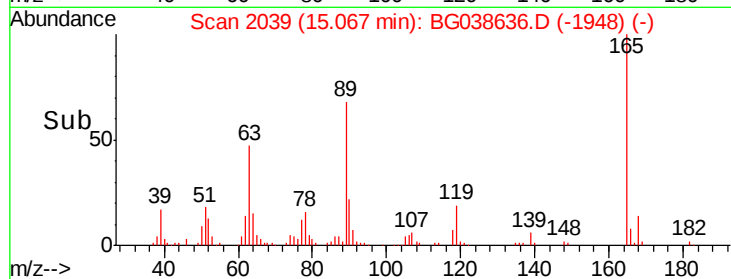
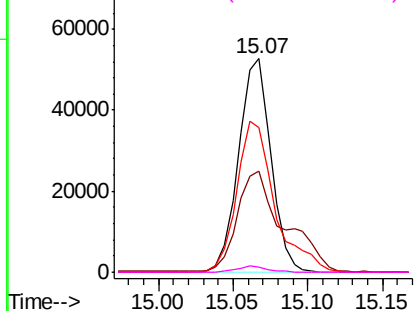
#57
 2,4-Dinitrotoluene
 Concen: 40.505 ng
 RT: 15.07 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	165	Resp:	79214
Ion	Ratio	Lower	Upper
165	100		
63	47.1	39.0	58.4
89	67.7	58.0	87.0
182	2.5	2.3	3.5

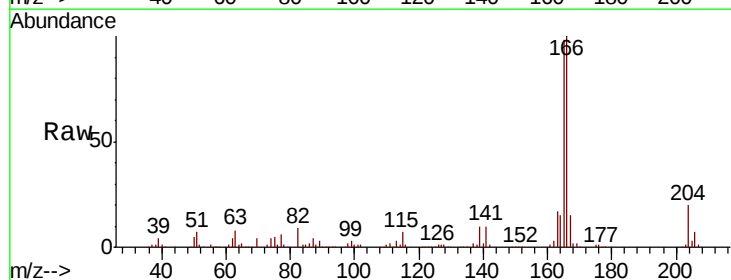


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

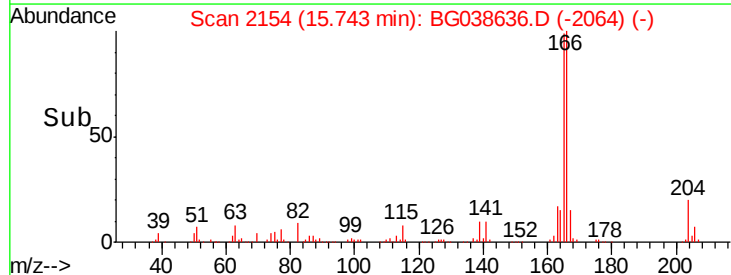
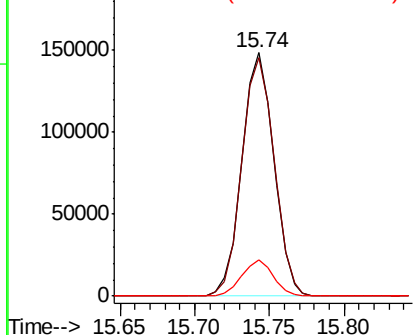


#58
 Fluorene
 Concen: 39.985 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Tgt Ion:	166	Resp:	220552
Ion	Ratio	Lower	Upper
166	100		
165	97.9	80.6	120.8
167	14.7	12.0	18.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

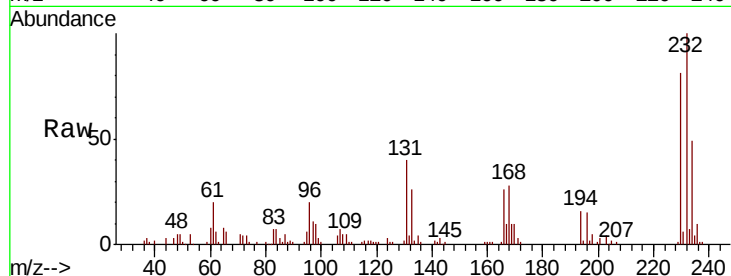




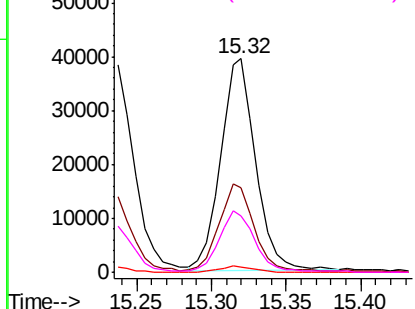
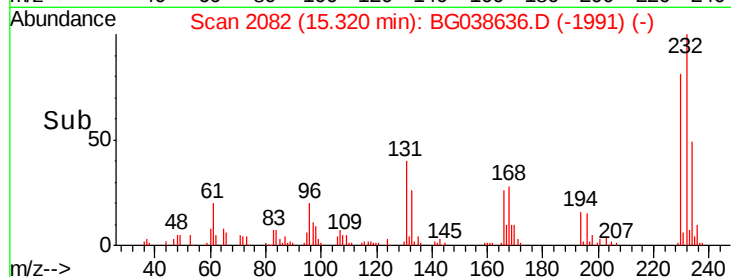
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.009 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:232 Resp: 64078
Ion Ratio Lower Upper
232 100
131 41.4 33.0 49.4
130 2.7 2.0 3.0
166 30.2 23.1 34.7

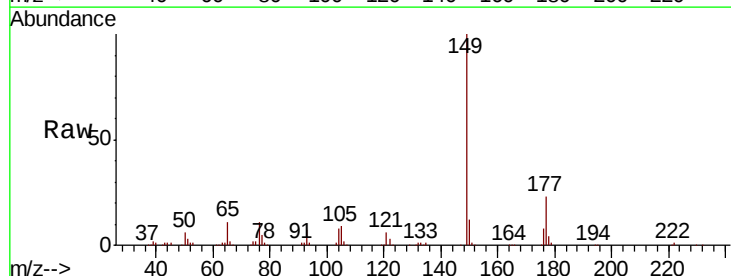


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

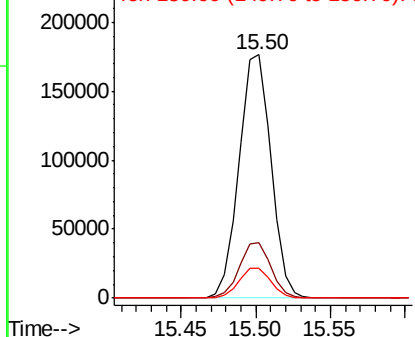
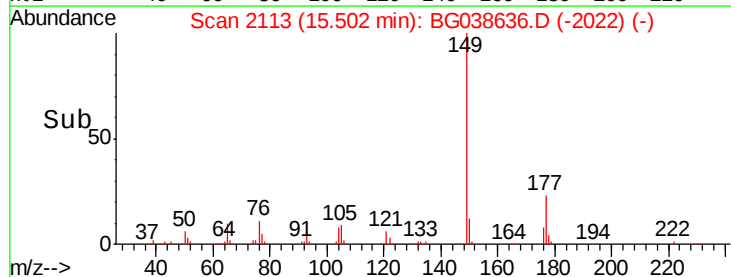


#60
Diethylphthalate
Concen: 38.941 ng
RT: 15.50 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

Tgt Ion:149 Resp: 261928
Ion Ratio Lower Upper
149 100
177 22.8 17.7 26.5
150 12.1 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

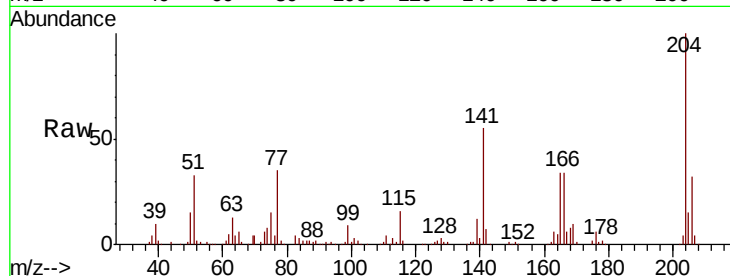




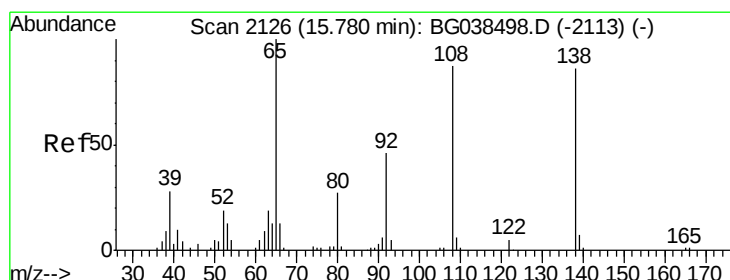
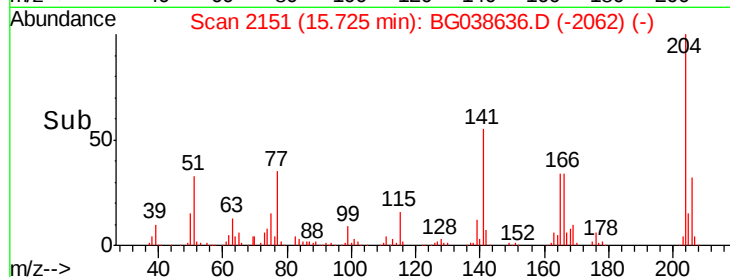
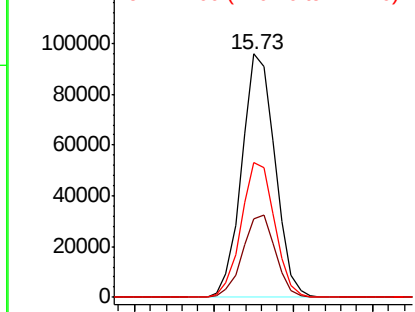
#61
4-Chlorophenyl-phenylether
Concen: 40.543 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 139532
Ion Ratio Lower Upper
204 100
206 32.3 26.0 39.0
141 55.4 44.4 66.6

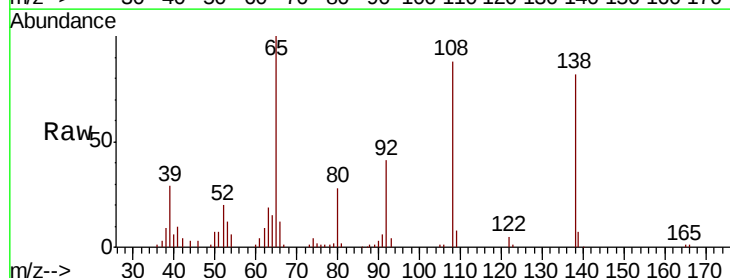


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

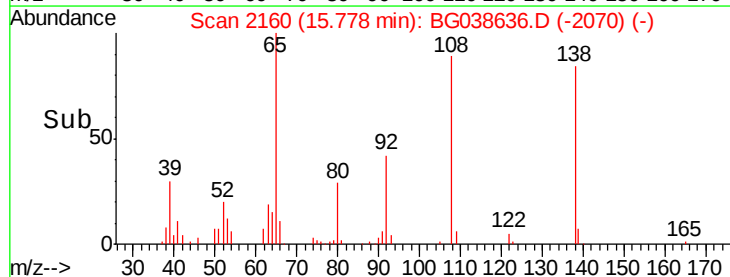
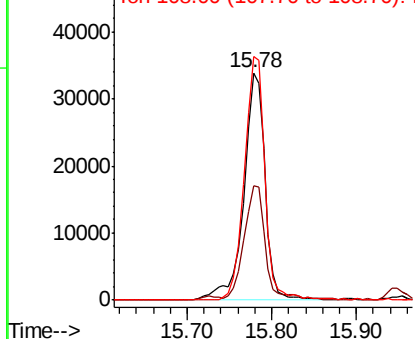


#62
4-Nitroaniline
Concen: 40.708 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

Tgt Ion:138 Resp: 59321
Ion Ratio Lower Upper
138 100
92 50.2 33.3 73.3
108 107.0 81.4 121.4



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

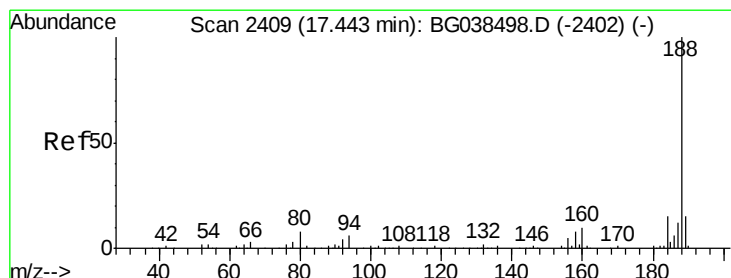
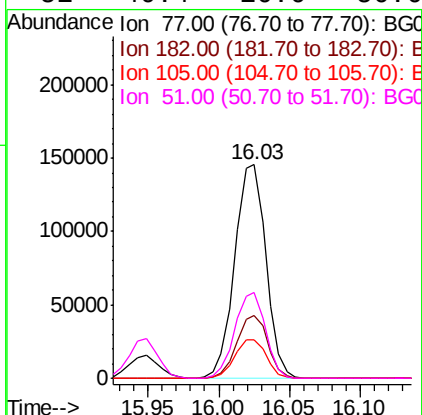
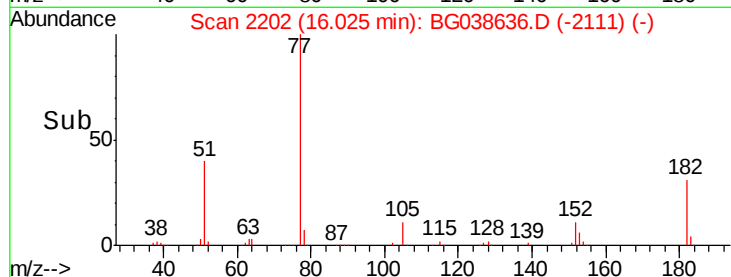
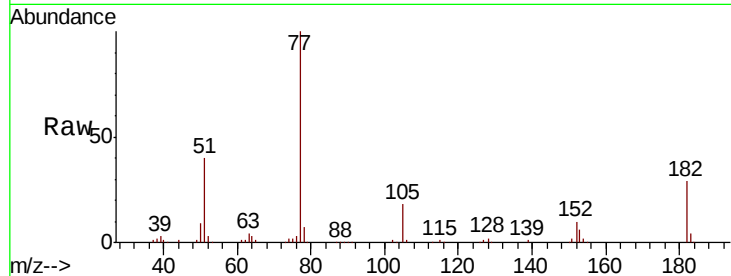




#63
Azobenzene
Concen: 40.018 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

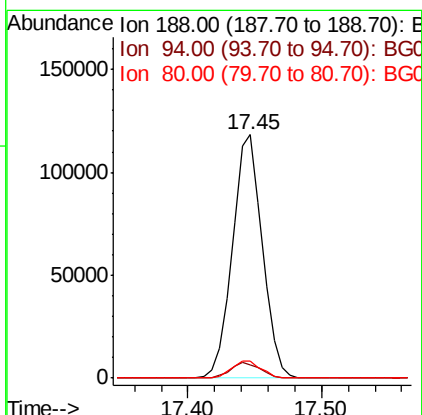
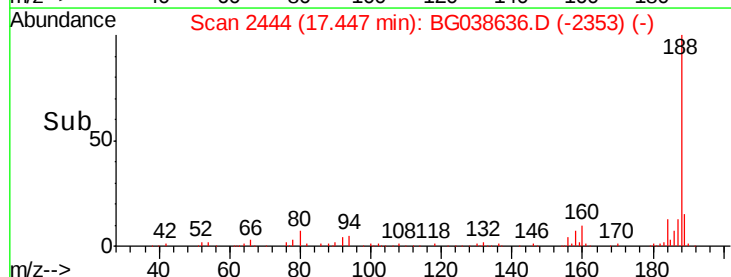
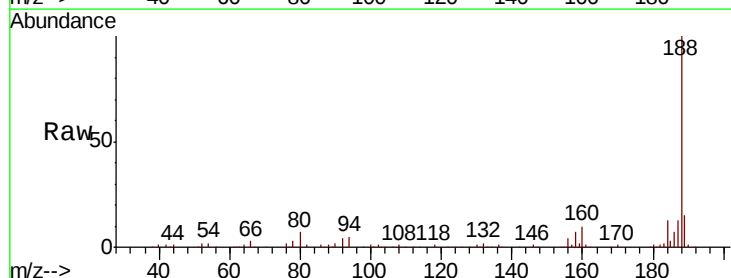
Instrument :
BNA_G
ClientSampleId :

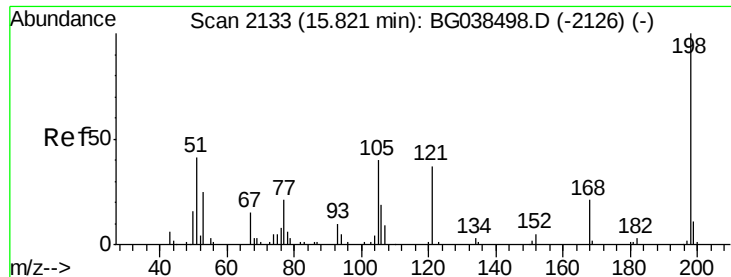
Tot Ion:	77	Resp:	224862
Ion	Ratio	Lower	Upper
77	100		
182	29.3	8.7	48.7
105	18.1	0.0	38.7
51	40.4	16.6	56.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

Tgt Ion:	188	Resp:	182913
Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.1	7.7
80	6.9	6.1	9.1





#65

4,6-Dinitro-2-methylphenol

Concen: 38.400 ng

RT: 15.83 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA_G

ClientSampleId :

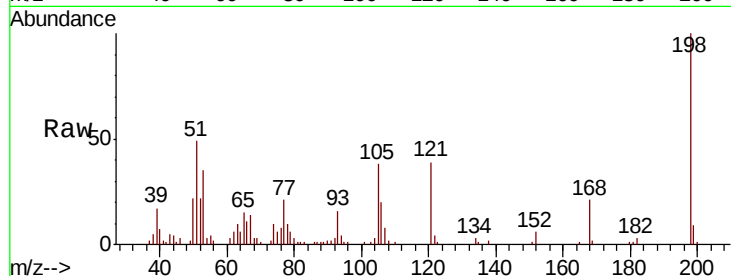
Tot Ion:198 Resp: 50105

Ion Ratio Lower Upper

198 100

51 49.0 28.6 68.6

105 38.1 20.4 60.4

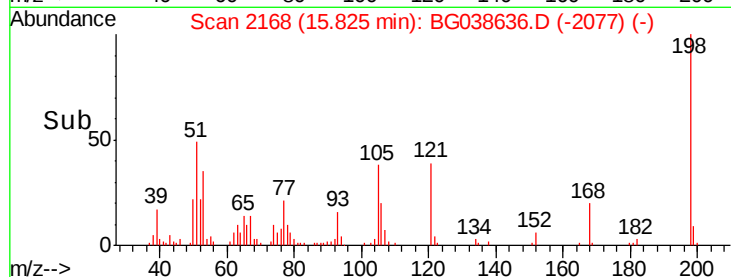


Abundance Ion 198.00 (197.70 to 198.70): E

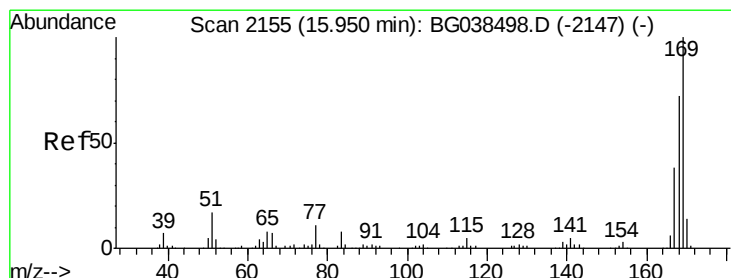
Ion 51.00 (50.70 to 51.70): BG038636.D (-2099) (-)

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



#66

n-Nitrosodiphenylamine

Concen: 40.509 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

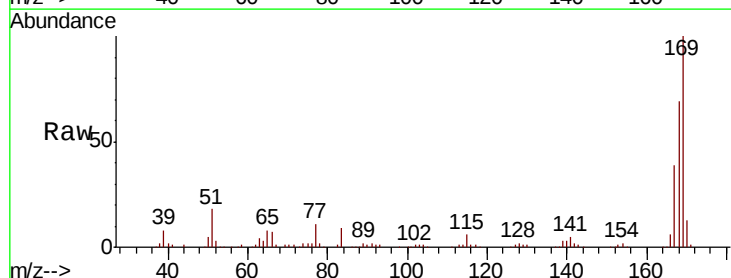
Tgt Ion:169 Resp: 217712

Ion Ratio Lower Upper

169 100

168 69.0 57.5 86.3

167 38.8 30.2 45.2

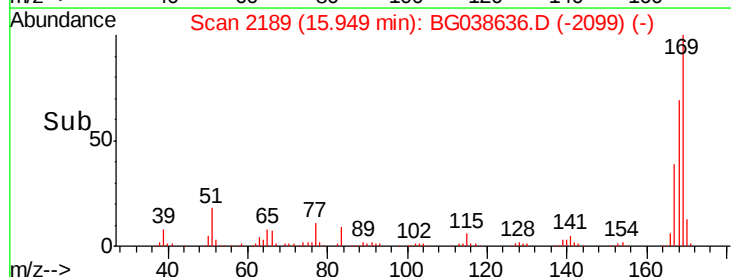


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



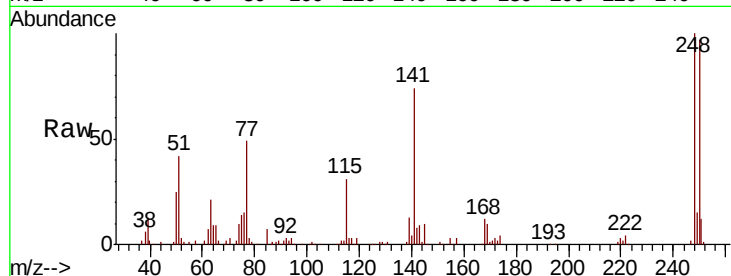
Time-->



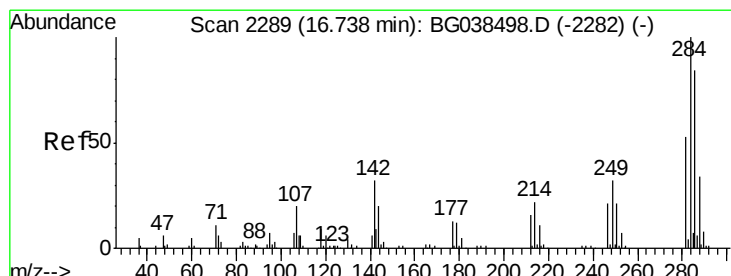
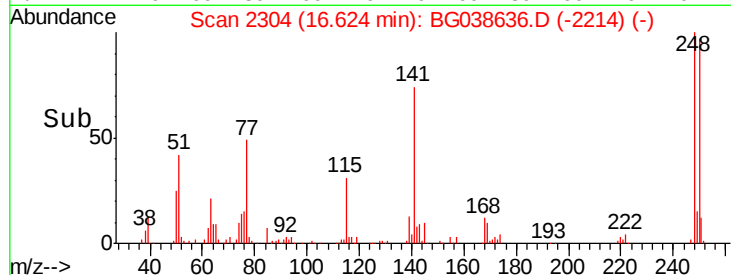
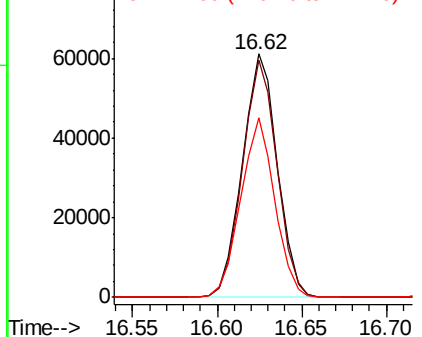
#67
 4-Bromophenyl-phenylether
 Concen: 39.431 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 88084
 Ion Ratio Lower Upper
 248 100
 250 97.3 73.4 110.2
 141 74.0 52.9 79.3

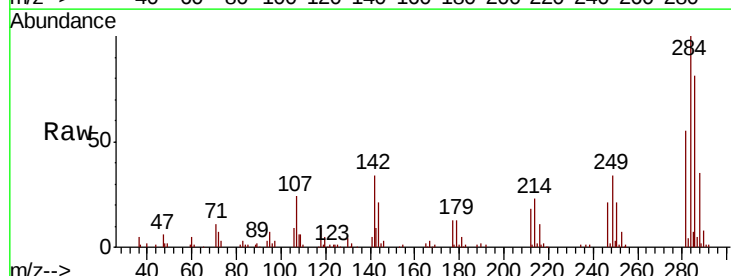


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

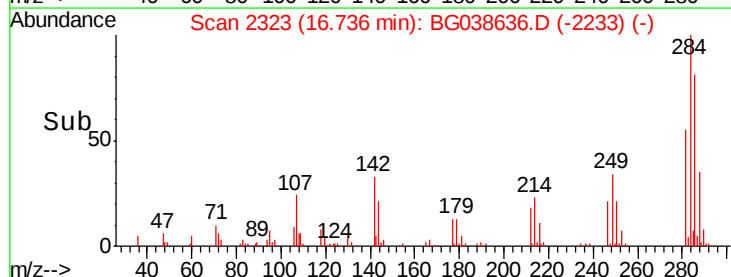
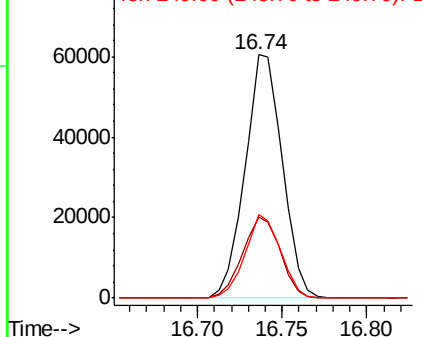


#68
 Hexachlorobenzene
 Concen: 40.127 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Tgt Ion:284 Resp: 92922
 Ion Ratio Lower Upper
 284 100
 142 33.5 25.8 38.6
 249 36.7 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

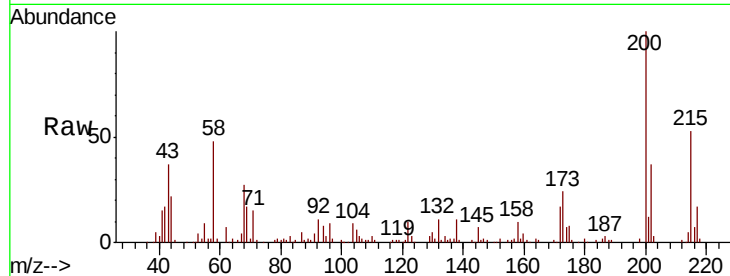




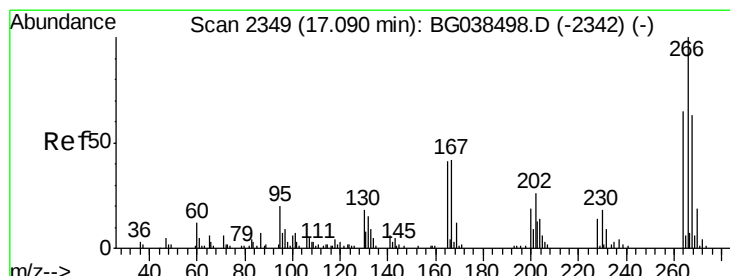
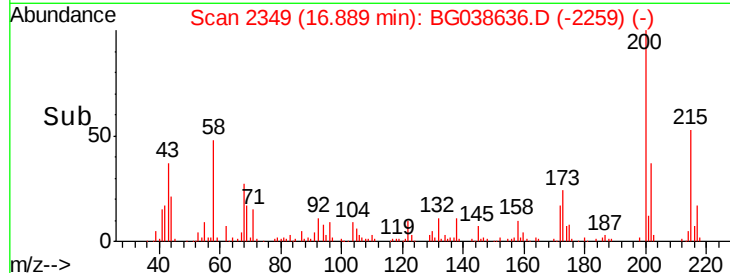
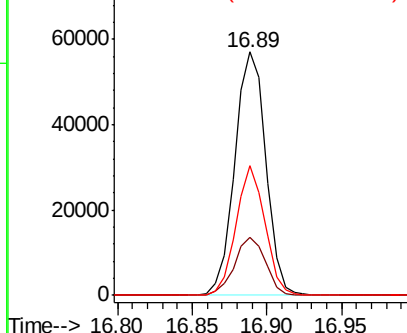
#69
 Atrazine
 Concen: 41.331 ng
 RT: 16.89 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 82434
 Ion Ratio Lower Upper
 200 100
 173 24.0 5.9 45.9
 215 53.3 33.1 73.1

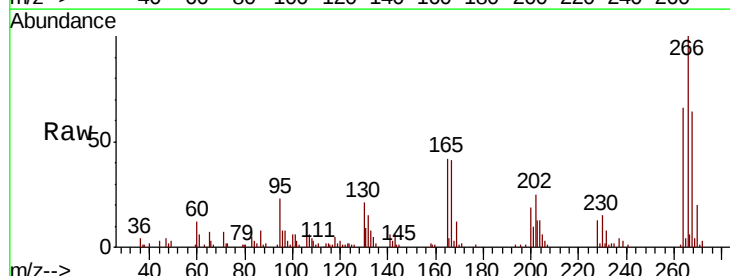


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

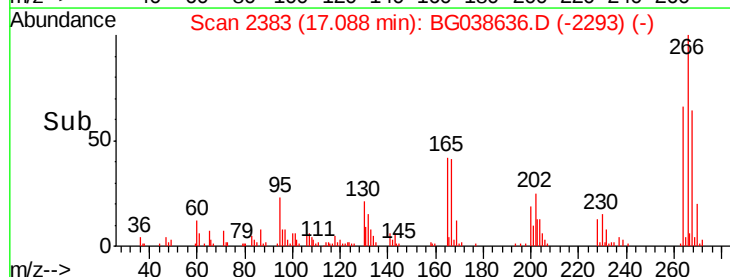
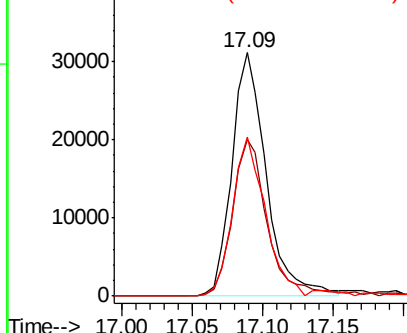


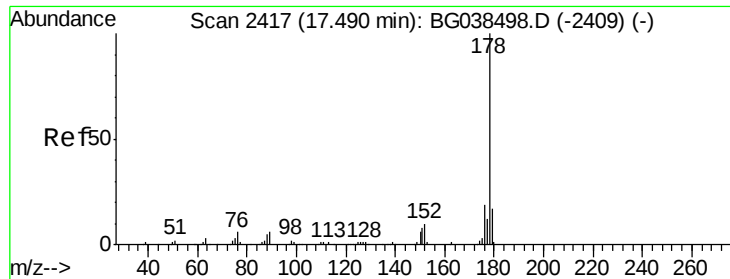
#70
 Pentachlorophenol
 Concen: 38.528 ng
 RT: 17.09 min Scan# 2383
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Tgt Ion:266 Resp: 52772
 Ion Ratio Lower Upper
 266 100
 268 68.0 55.0 82.6
 264 69.6 56.7 85.1



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

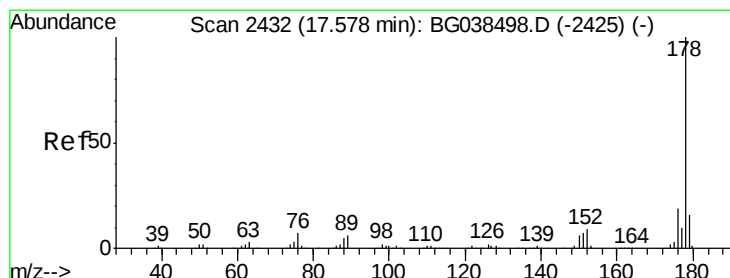
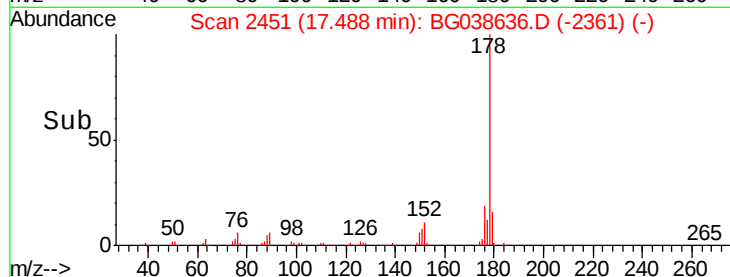
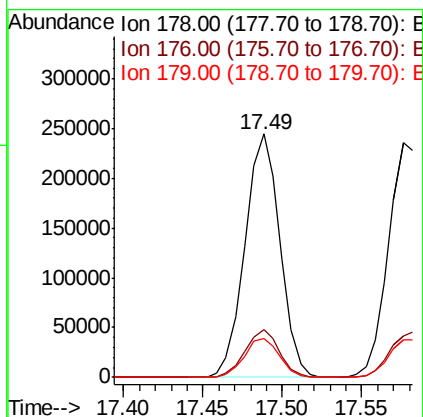
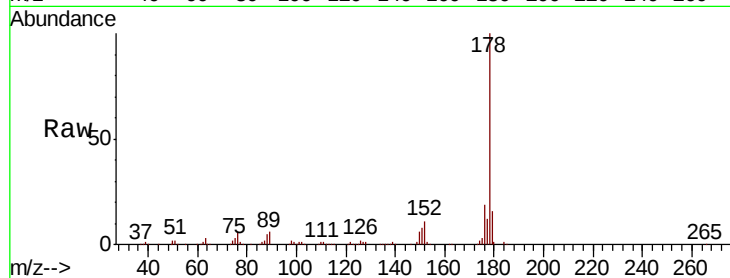




#71
Phenanthrene
Concen: 39.465 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

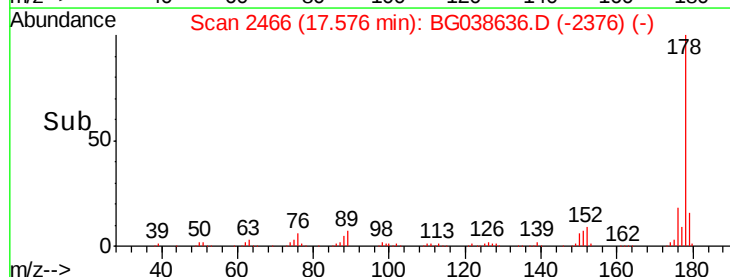
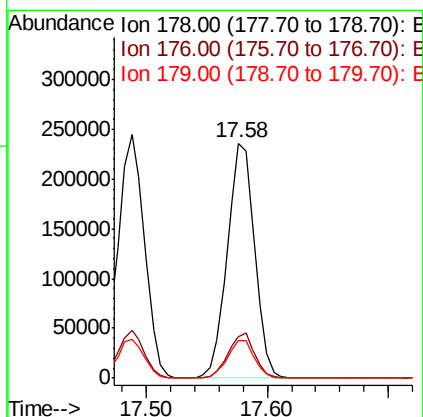
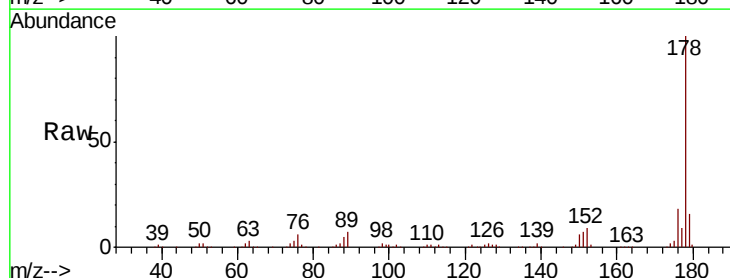
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 374335
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 16.0 13.2 19.8



#72
Anthracene
Concen: 39.660 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

Tgt Ion:178 Resp: 371375
Ion Ratio Lower Upper
178 100
176 17.8 15.1 22.7
179 16.2 12.9 19.3

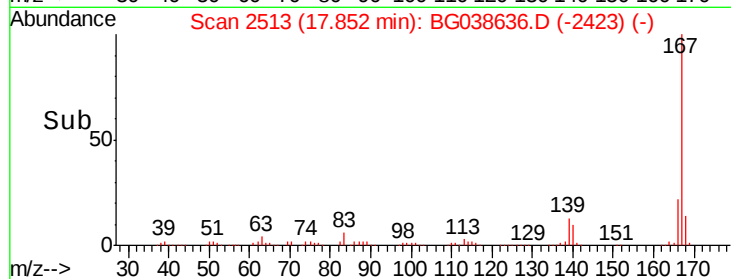
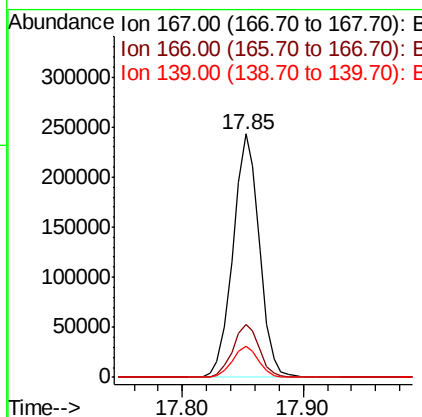
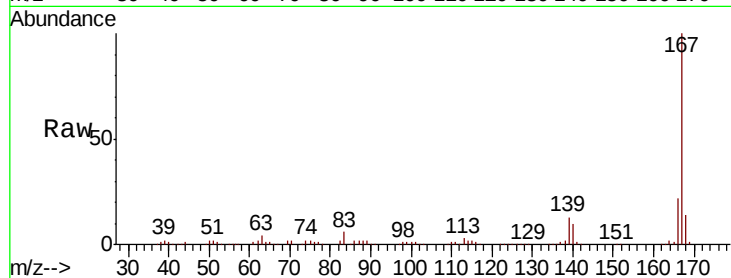




#73
 Carbazole
 Concen: 39.924 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

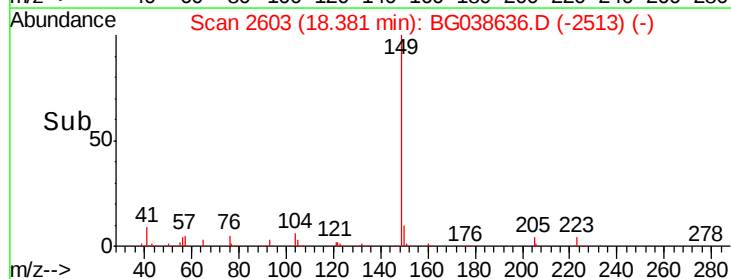
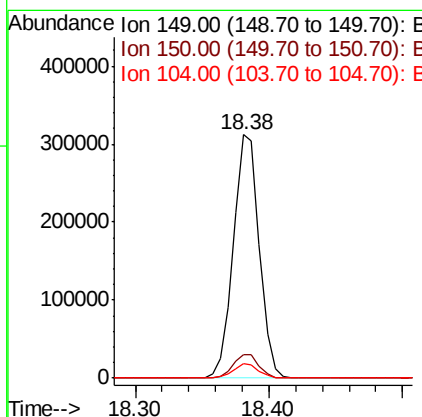
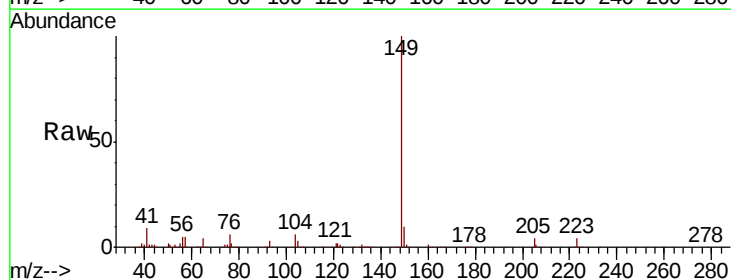
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	167	Resp:	369726
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.9	26.9
139	12.8	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 39.635 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Tgt Ion:	149	Resp:	421172
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	6.1	5.0	7.4

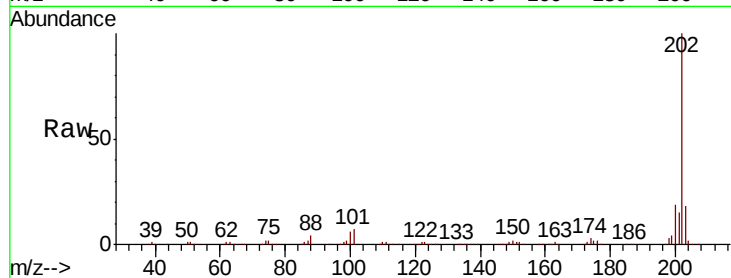




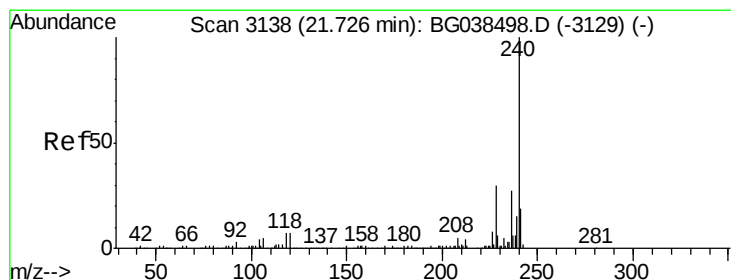
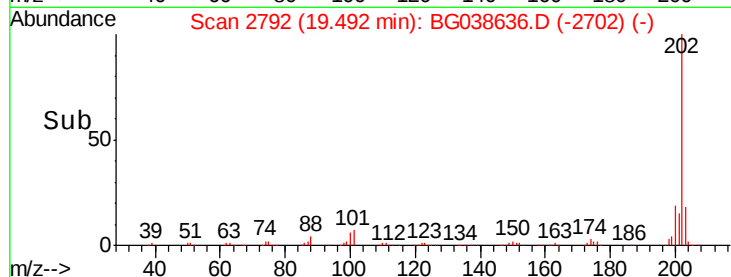
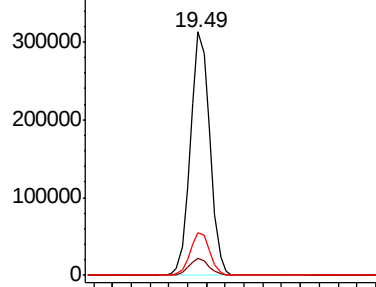
#75
 Fluoranthene
 Concen: 38.426 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	28.1
203	17.7	0.0	39.0

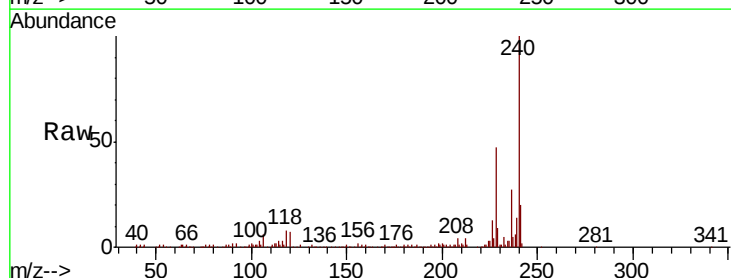


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

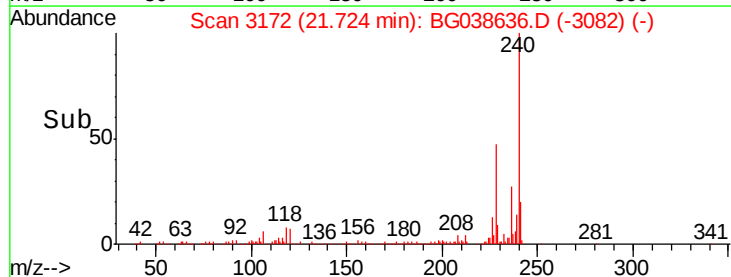
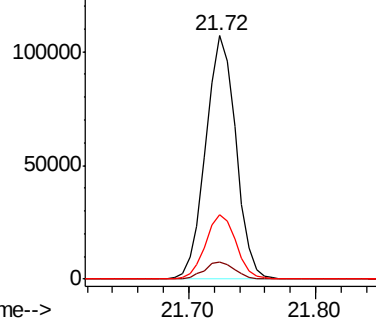


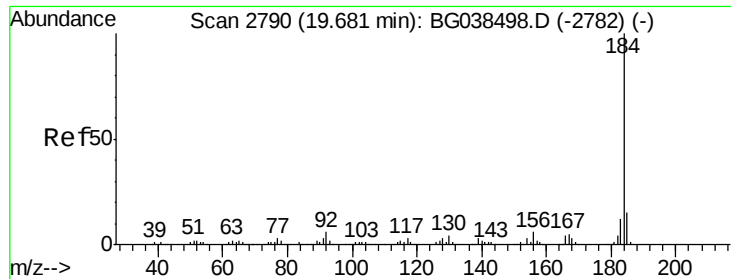
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038636.D
 Acq: 16 Dec 2018 12:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.3	7.9
236	26.6	21.4	32.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.225 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA_G

ClientSampleId :

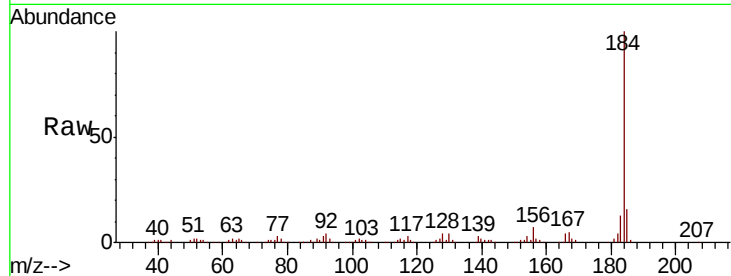
Tot Ion:184 Resp: 199129

Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.2

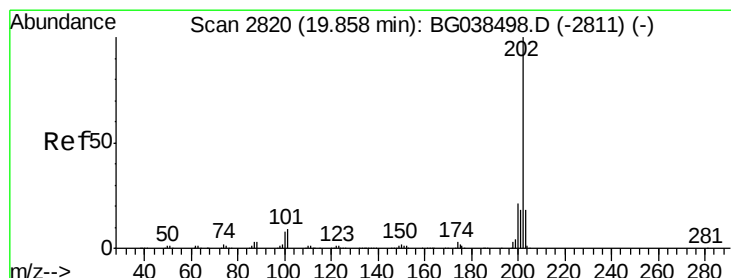
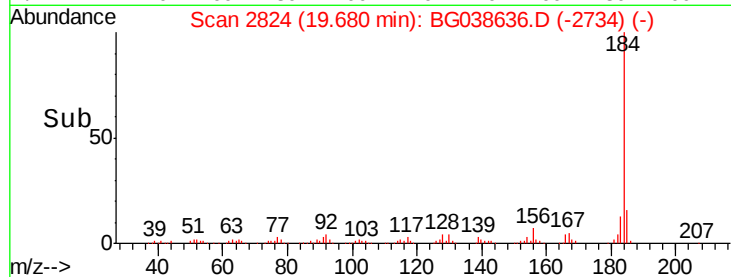
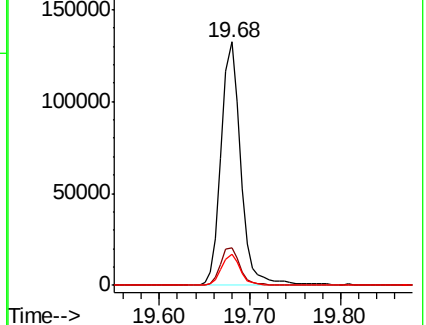
183 12.7 9.6 14.4



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: 39.142 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

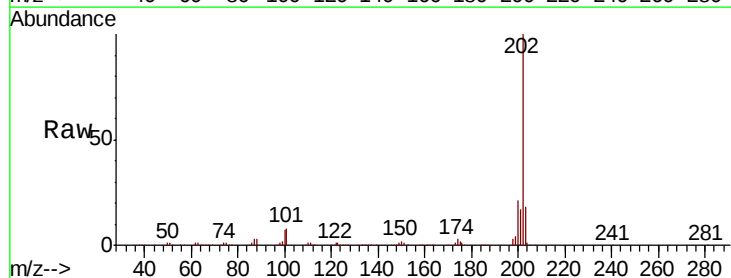
Tgt Ion:202 Resp: 455492

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

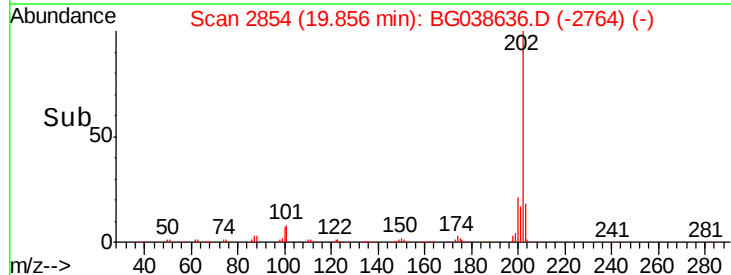
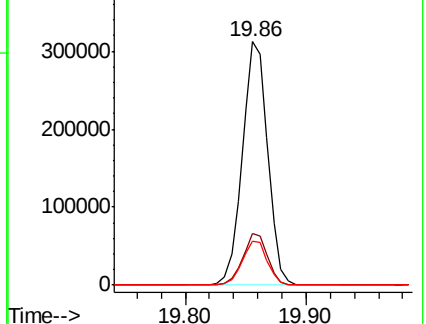
203 18.2 14.6 21.8

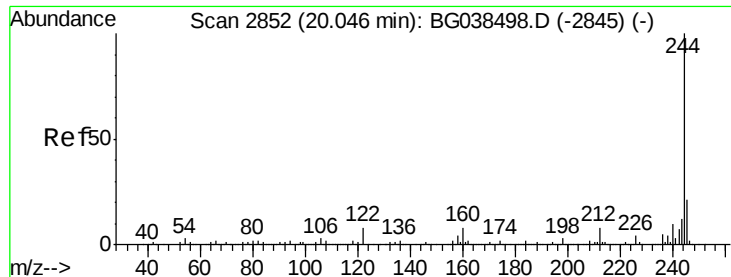


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.241 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA_G

ClientSampleId :

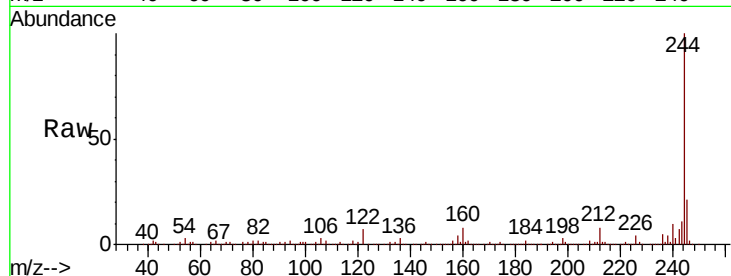
Tot Ion:244 Resp: 649461

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

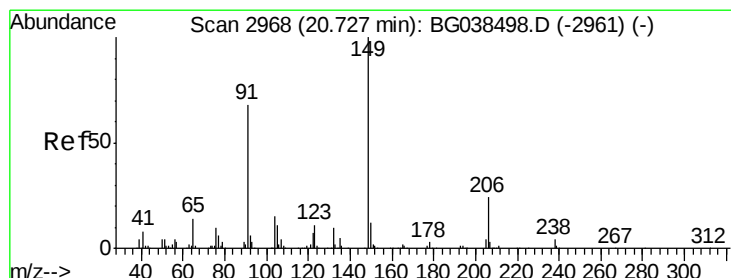
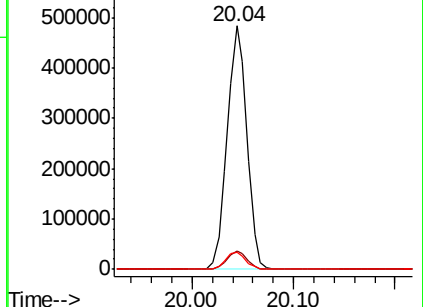
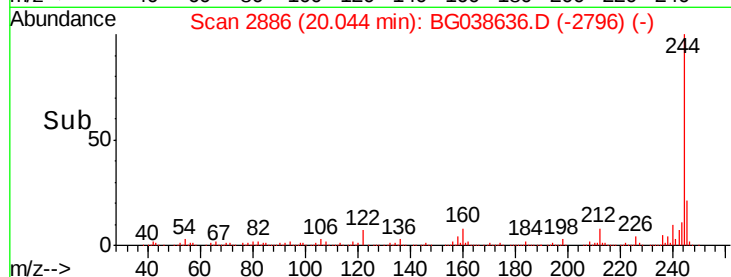
122 7.2 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.263 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

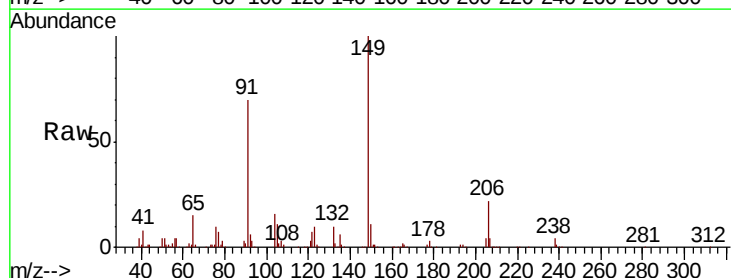
Tgt Ion:149 Resp: 183050

Ion Ratio Lower Upper

149 100

91 70.0 54.5 81.7

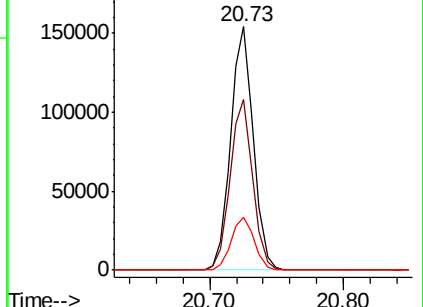
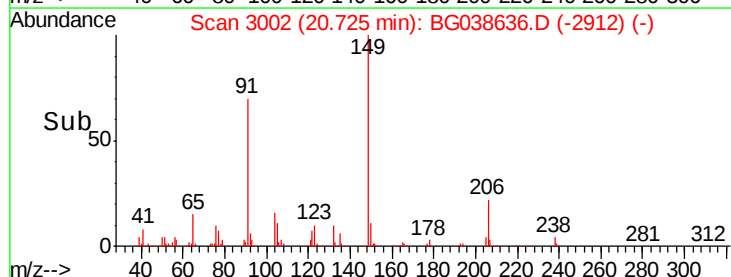
206 22.0 19.0 28.6

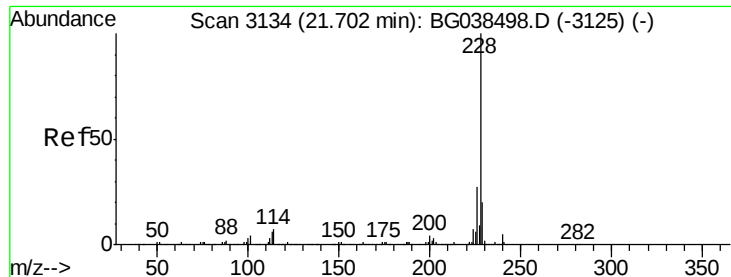


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.230 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA_G

ClientSampleId :

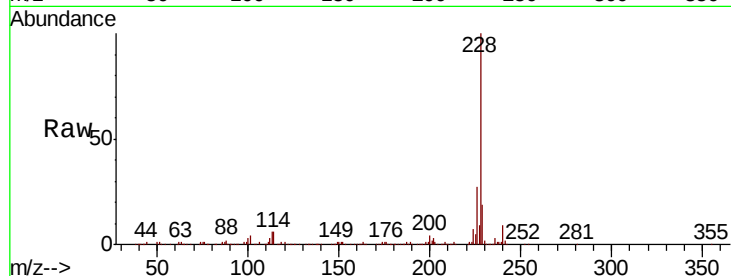
Tot Ion:228 Resp: 442545

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

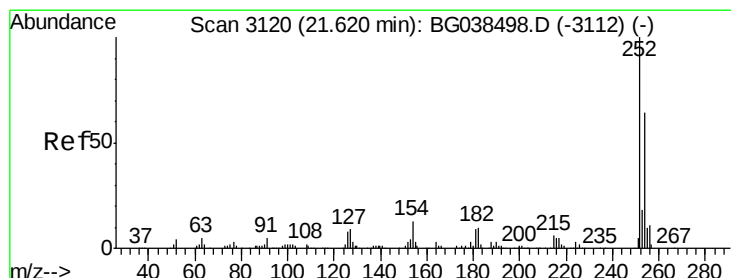
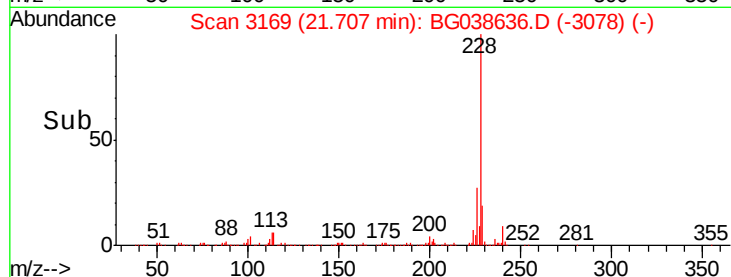
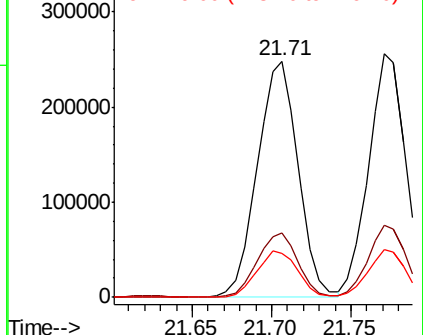
229 18.7 15.8 23.6



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: 41.878 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

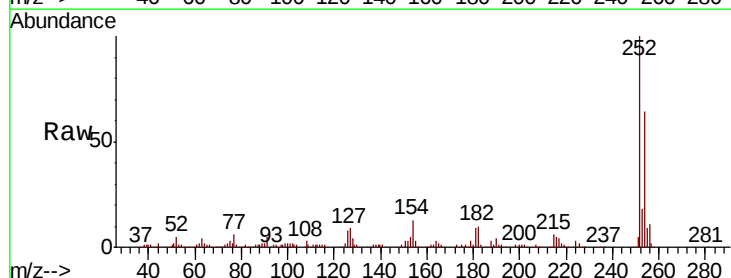
Tgt Ion:252 Resp: 178275

Ion Ratio Lower Upper

252 100

254 64.2 50.9 76.3

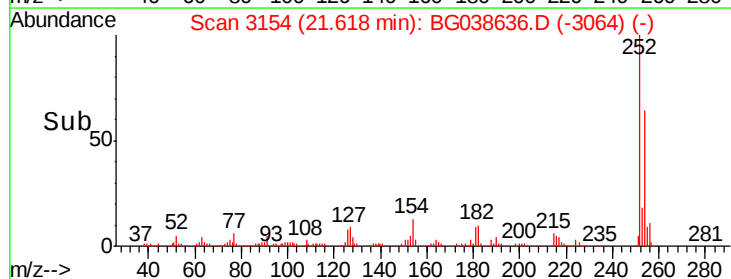
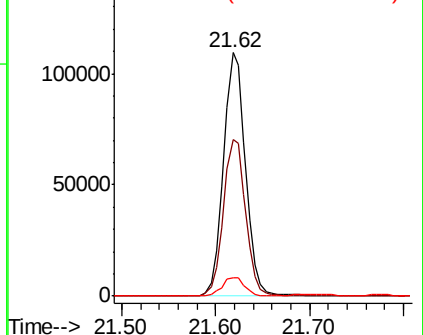
126 7.6 6.3 9.5

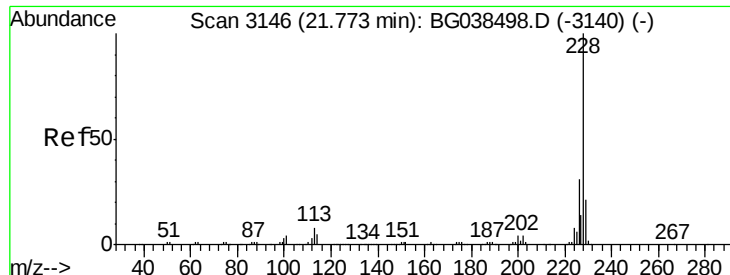


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

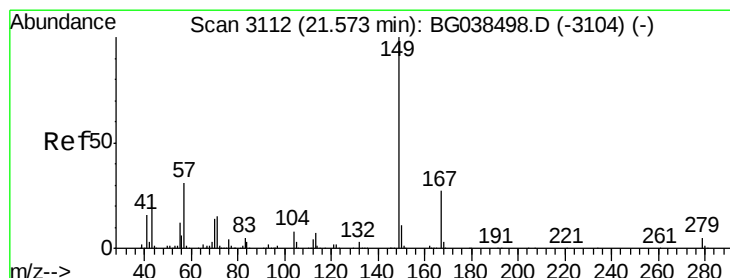
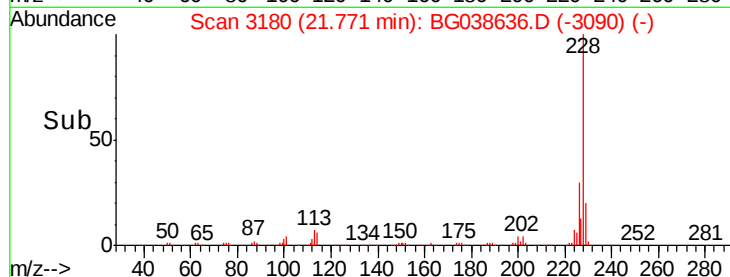
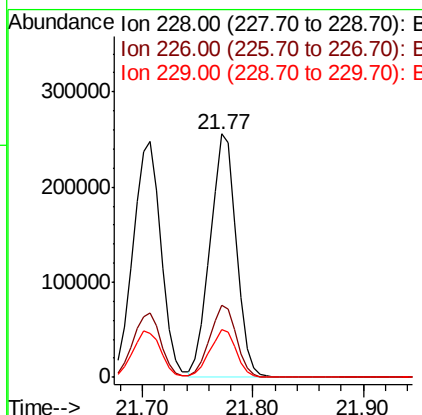
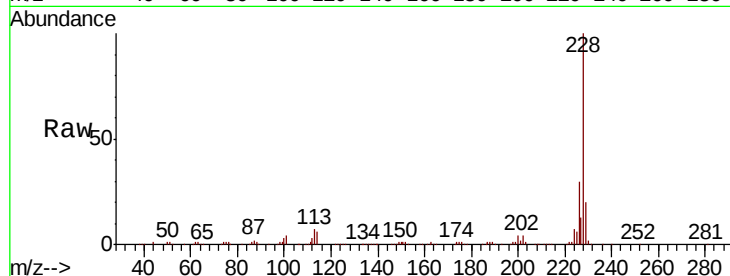




#83
Chrysene
Concen: 40.425 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

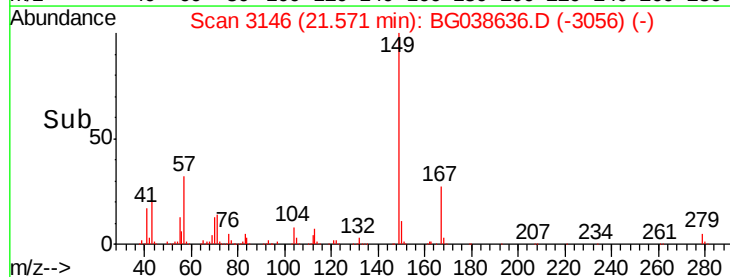
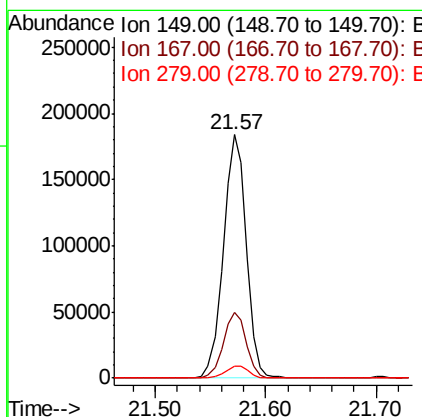
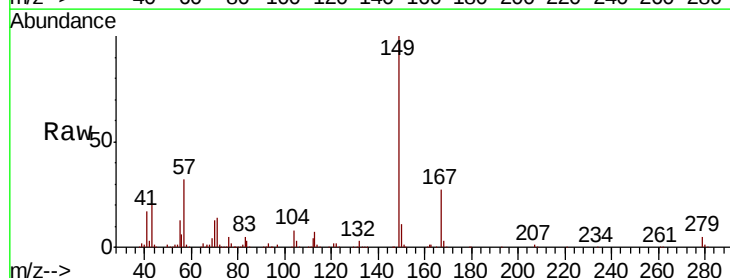
Instrument :
BNA_G
ClientSampleId :

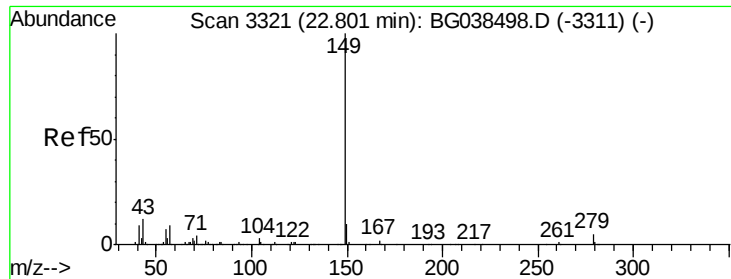
Tot Ion:228 Resp: 417938
Ion Ratio Lower Upper
228 100
226 29.9 25.0 37.4
229 19.9 16.5 24.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.112 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

Tgt Ion:149 Resp: 265091
Ion Ratio Lower Upper
149 100
167 26.9 21.9 32.9
279 4.9 4.2 6.2

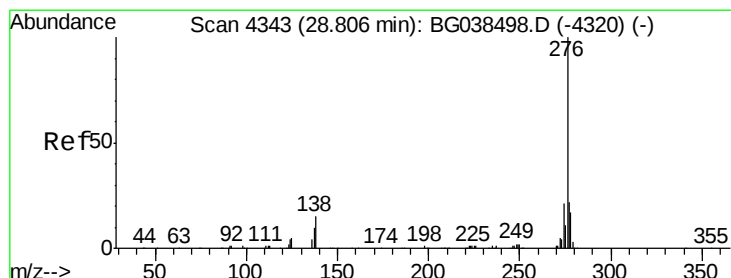
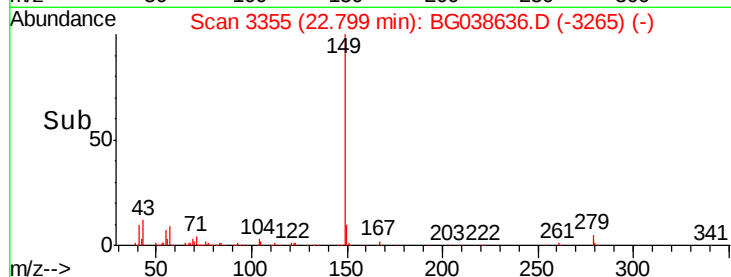
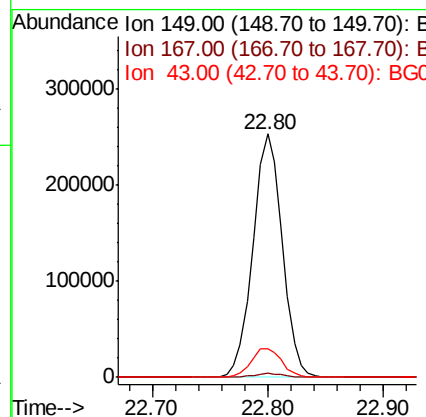
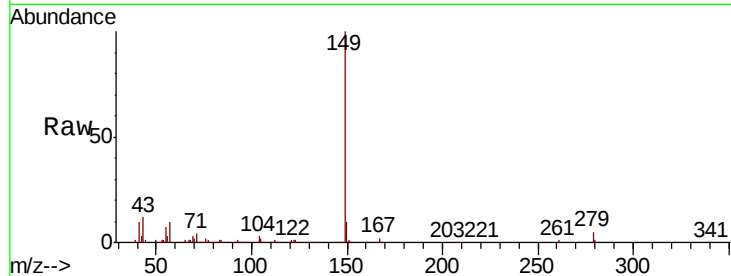




#85
Di-n-octyl phthalate
Concen: 41.444 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

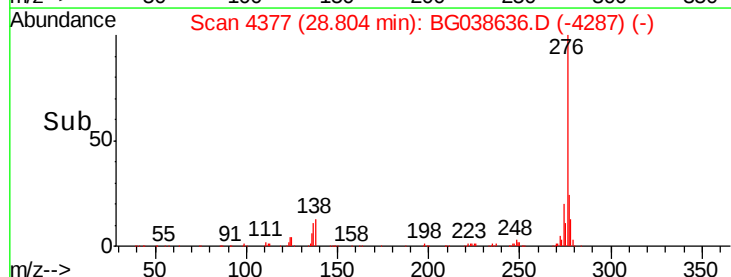
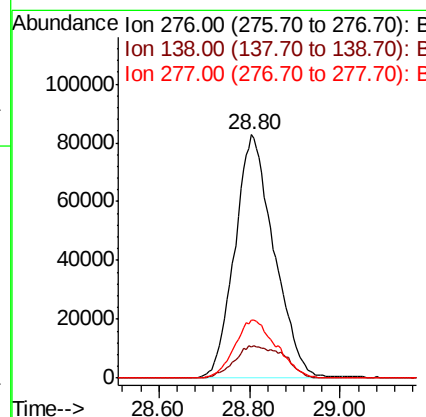
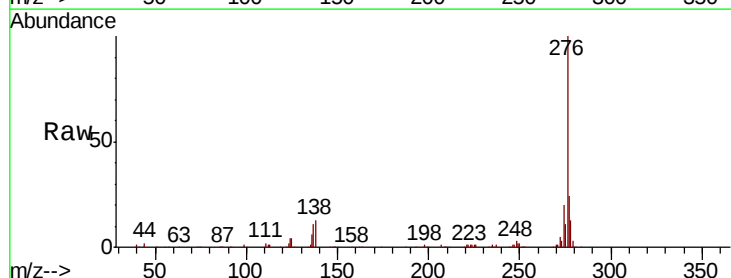
Instrument :
BNA_G
ClientSampleId :

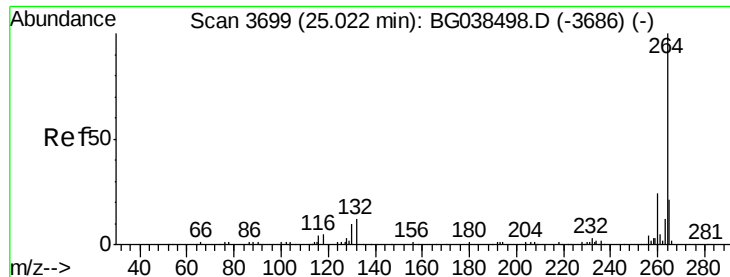
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.5	9.3	13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.936 ng
RT: 28.80 min Scan# 4377
Delta R.T. -0.00 min
Lab File: BG038636.D
Acq: 16 Dec 2018 12:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.7	14.4	21.6
277	25.3	0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA_G

ClientSampleId :

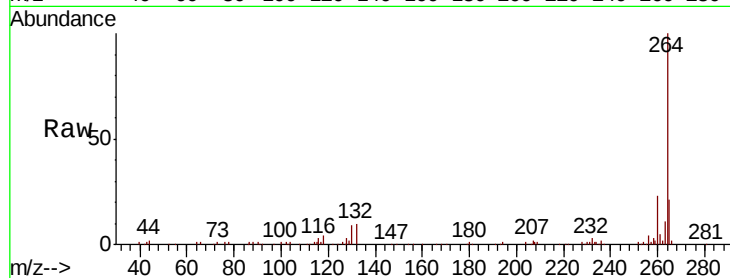
Tot Ion:264 Resp: 194916

Ion Ratio Lower Upper

264 100

260 22.9 18.9 28.3

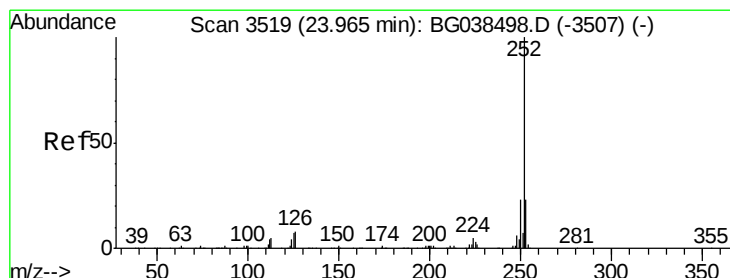
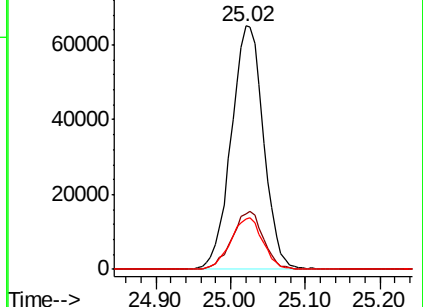
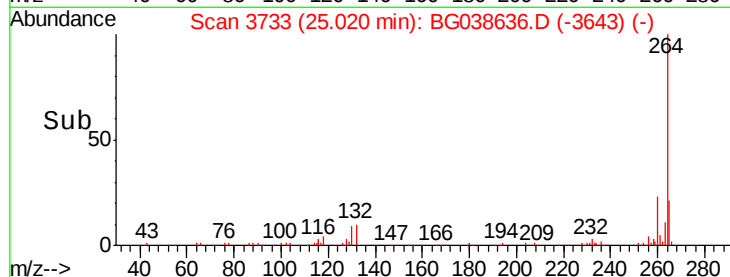
265 20.8 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.910 ng

RT: 23.97 min Scan# 3554

Delta R.T. 0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

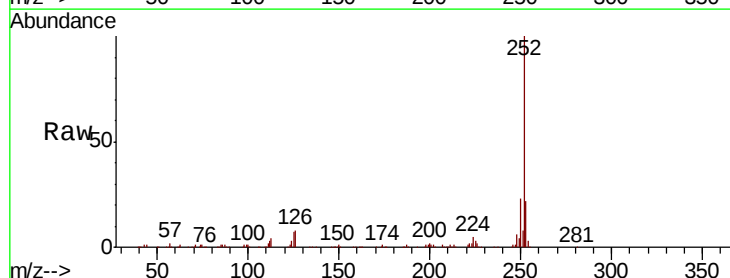
Tgt Ion:252 Resp: 427100

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

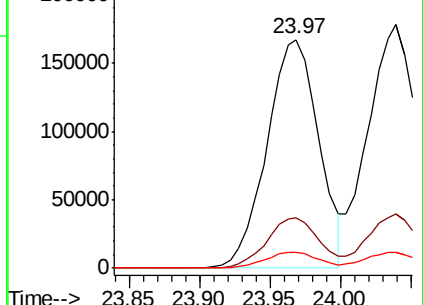
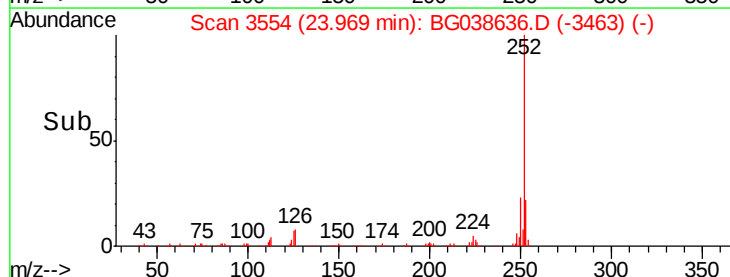
125 6.7 5.5 8.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.749 ng

RT: 24.04 min Scan# 3566

Delta R.T. 0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA_G

ClientSampleId :

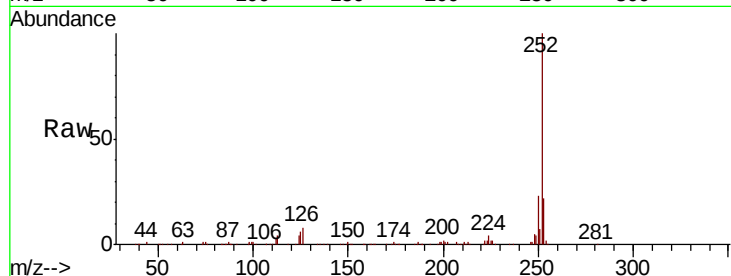
Tot Ion:252 Resp: 434243

Ion Ratio Lower Upper

252 100

253 22.0 18.9 28.3

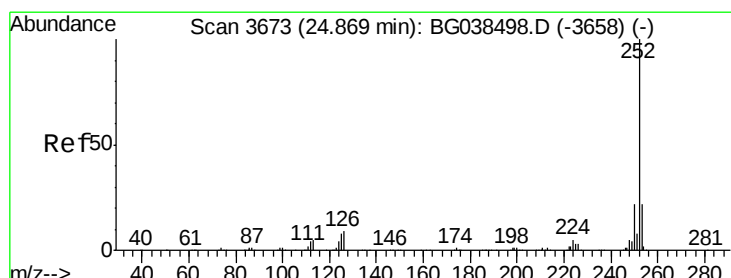
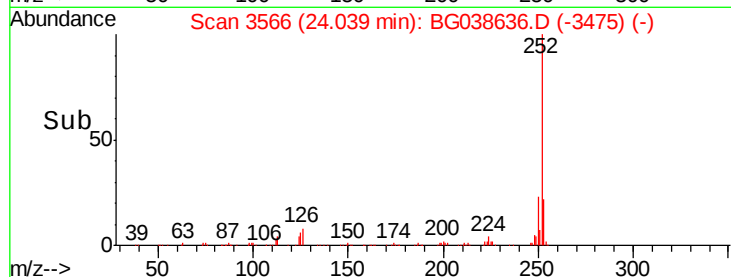
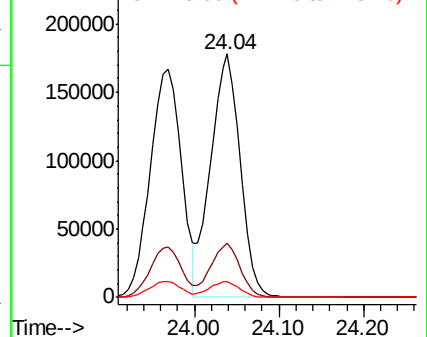
125 6.4 5.4 8.2



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: 40.687 ng

RT: 24.87 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

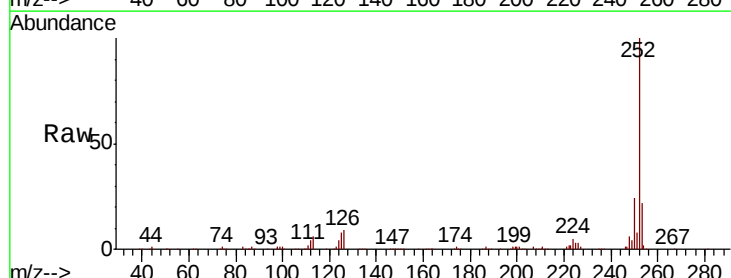
Tgt Ion:252 Resp: 420065

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

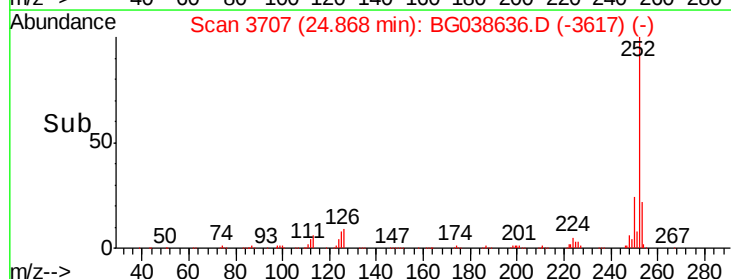
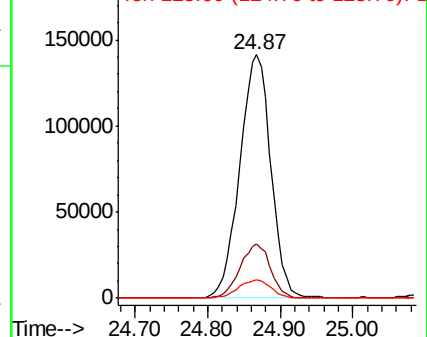
125 7.5 6.4 9.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.356 ng

RT: 28.87 min Scan# 4388

Delta R.T. 0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA_G

ClientSampleId :

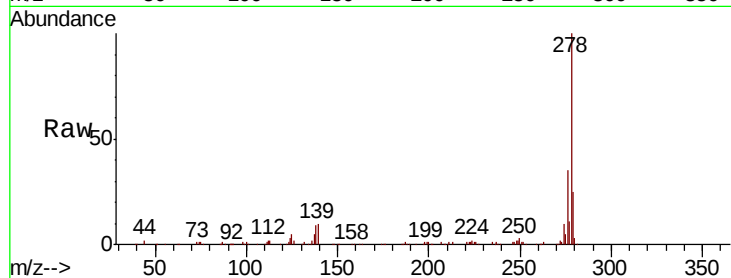
Tot Ion:278 Resp: 414848

Ion Ratio Lower Upper

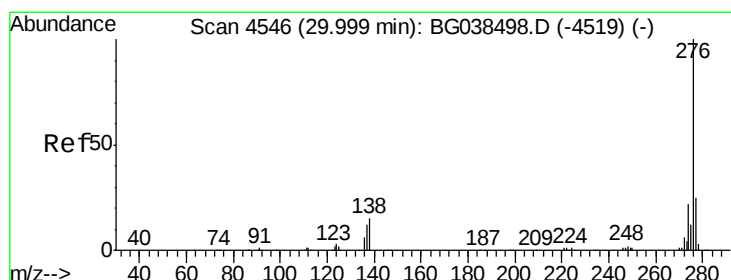
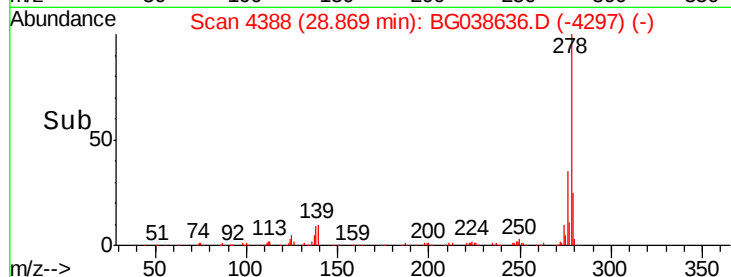
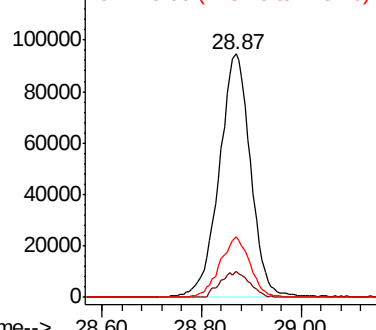
278 100

139 10.5 8.6 12.8

279 24.7 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: 40.456 ng

RT: 30.00 min Scan# 4580

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

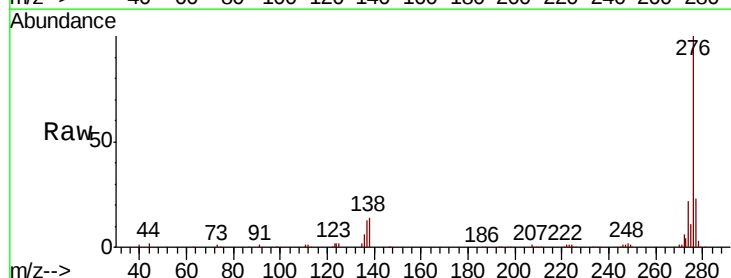
Tgt Ion:276 Resp: 409842

Ion Ratio Lower Upper

276 100

277 22.8 19.8 29.8

138 14.0 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

