

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038680.D
 Acq On : 18 Dec 2018 2:57
 Operator : JU/SJ
 Sample : J6403-08MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMS

Quant Time: Dec 18 03:46:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19917	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	79093	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	52070	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	132842	20.00	ng	0.00
76) Chrysene-d12	21.73	240	134353	20.00	ng	0.00
87) Perylene-d12	25.02	264	150444	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	166532	148.30	ng	0.01
7) Phenol-d6	7.22	99	200221	129.88	ng	0.01
23) Nitrobenzene-d5	9.24	82	156086	100.82	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	114699	159.83	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	361153	95.15	ng	0.00
79) Terphenyl-d14	20.04	244	699922	113.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	19486	37.285	ng	# 1
3) Pyridine	3.91	79	52968	36.811	ng	# 90
4) n-Nitrosodimethylamine	3.82	42	38436	54.516	ng	# 84
6) Aniline	7.39	93	30641	15.570	ng	99
8) 2-Chlorophenol	7.62	128	60954	46.906	ng	97
9) Benzaldehyde	7.21	77	18379	18.378	ng	98
10) Phenol	7.24	94	66108	40.365	ng	91
11) bis(2-Chloroethyl)ether	7.48	93	55692	42.711	ng	98
12) 1,3-Dichlorobenzene	7.95	146	64869	42.219	ng	96
13) 1,4-Dichlorobenzene	8.09	146	66867	42.492	ng	97
14) 1,2-Dichlorobenzene	8.41	146	62373	42.044	ng	97
15) Benzyl Alcohol	8.30	79	57503	47.789	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	127643	42.733	ng	98
17) 2-Methylphenol	8.50	107	51634	47.056	ng	96
18) Hexachloroethane	9.14	117	24621	42.817	ng	92
19) n-Nitroso-di-n-propylamine	8.86	70	46890	43.308	ng	97
20) 3+4-Methylphenols	8.83	107	69757	46.032	ng	95
22) Acetophenone	8.89	105	93333	47.243	ng	99
24) Nitrobenzene	9.28	77	73841	47.146	ng	97
25) Isophorone	9.79	82	132995	47.811	ng	98
26) 2-Nitrophenol	9.99	139	36204	45.164	ng	95
27) 2,4-Dimethylphenol	10.04	122	61869	53.853	ng	96
28) bis(2-Chloroethoxy)methane	10.27	93	72190	45.987	ng	# 96
29) 2,4-Dichlorophenol	10.52	162	66444	51.988	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	68301	44.242	ng	98
31) Naphthalene	10.93	128	189528	48.635	ng	99
32) Benzoic acid	10.17	122	14216	25.520	ng	# 79
33) 4-Chloroaniline	11.06	127	5817	3.438	ng	# 87
34) Hexachlorobutadiene	11.19	225	44227	42.339	ng	91
35) Caprolactam	11.82	113	11964	22.620	ng	96
36) 4-Chloro-3-methylphenol	12.15	107	71301	48.887	ng	96
37) 2-Methylnaphthalene	12.53	142	140957	50.701	ng	96
38) 1-Methylnaphthalene	12.75	142	135795	50.335	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	84826	43.582	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	91097	85.192	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	59477	49.699	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	64473	50.883	ng	97
46) 1,1'-Biphenyl	13.53	154	186905	42.818	ng	100
47) 2-Chloronaphthalene	13.58	162	151077	44.805	ng	98
48) 2-Nitroaniline	13.79	65	54464	50.711	ng	97
49) Acenaphthylene	14.42	152	249849	49.566	ng	99
50) Dimethylphthalate	14.15	163	205846	48.409	ng	99
51) 2,6-Dinitrotoluene	14.28	165	46185	47.928	ng	99
52) Acenaphthene	14.76	154	145518	48.277	ng	98
53) 3-Nitroaniline	14.62	138	13807	14.056	ng	# 99
54) 2,4-Dinitrophenol	14.82	184	29637	53.524	ng	92
55) Dibenzofuran	15.09	168	241836	46.806	ng	97
56) 4-Nitrophenol	14.92	139	61595	82.656	ng	86
57) 2,4-Dinitrotoluene	15.07	165	67005	49.369	ng	99
58) Fluorene	15.74	166	196721	51.390	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	58275	51.119	ng	97
60) Diethylphthalate	15.50	149	212515	45.526	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	110483	46.258	ng	98
62) 4-Nitroaniline	15.78	138	48287	47.748	ng	96
63) Azobenzene	16.03	77	186775	47.896	ng	96
65) 4,6-Dinitro-2-methylphenol	15.83	198	31294	33.023	ng	96
66) n-Nitrosodiphenylamine	15.95	169	182319	46.710	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	73766	45.468	ng	95
68) Hexachlorobenzene	16.74	284	77795	46.257	ng	98
69) Atrazine	16.89	200	76635	52.906	ng	93
70) Pentachlorophenol	17.09	266	64801	65.143	ng	98
71) Phenanthrene	17.49	178	352337	51.147	ng	98
72) Anthracene	17.58	178	356489	52.420	ng	98
73) Carbazole	17.85	167	318553	47.364	ng	100
74) Di-n-butylphthalate	18.38	149	381252	49.402	ng	99
75) Fluoranthene	19.50	202	445499	52.269	ng	97
77) Benzidine	19.68	184	78077	19.650	ng	97
78) Pyrene	19.86	202	441991	49.798	ng	99
80) Butylbenzylphthalate	20.73	149	171262	49.389	ng	97
81) Benzo(a)anthracene	21.71	228	431417	52.697	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	61703	19.004	ng	100
83) Chrysene	21.77	228	397877	50.457	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	240018	48.803	ng	100
85) Di-n-octyl phthalate	22.80	149	413593	50.214	ng	98
86) Indeno(1,2,3-cd)pyrene	28.82	276	490215	52.878	ng	# 96
88) Benzo(b)fluoranthene	23.97	252	428268	51.849	ng	99
89) Benzo(k)fluoranthene	24.04	252	413146	50.229	ng	100
90) Benzo(a)pyrene	24.87	252	412997	51.827	ng	97
91) Dibenzo(a,h)anthracene	28.88	278	407908	51.411	ng	99
92) Benzo(g,h,i)perylene	30.00	276	407126	52.067	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

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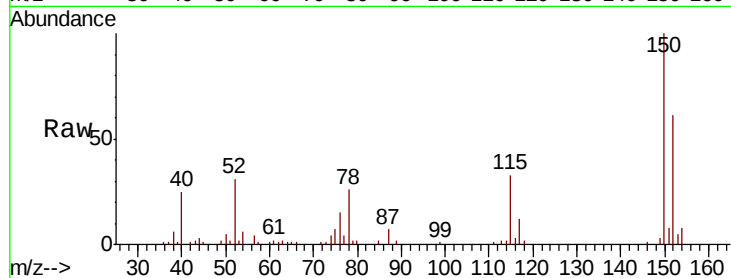
Tgt Ion:152 Resp: 19917

Ion Ratio Lower Upper

152 100

150 163.1 119.5 179.3

115 54.4 49.6 74.4

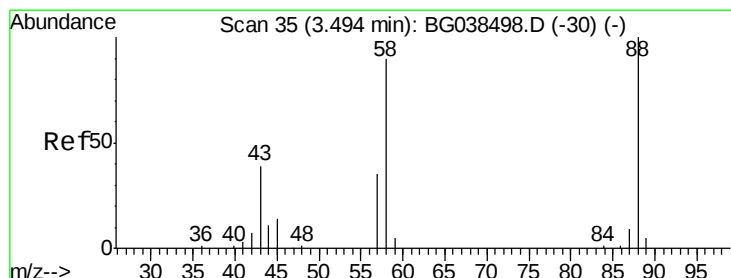
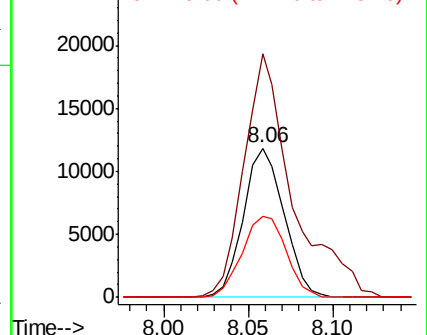
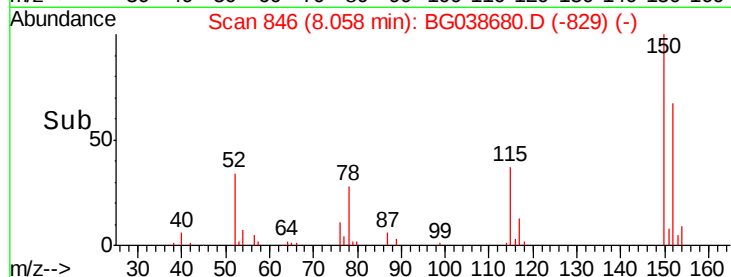


Abundance

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: 37.285 ng

RT: 3.50 min Scan# 71

Delta R.T. 0.01 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

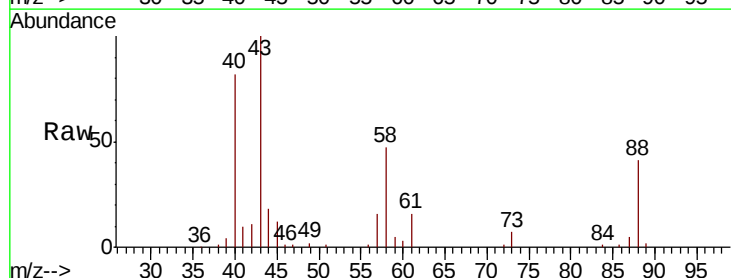
Tgt Ion: 88 Resp: 19486

Ion Ratio Lower Upper

88 100

58 105.2 75.7 113.5

43 256.8 31.6 47.4#

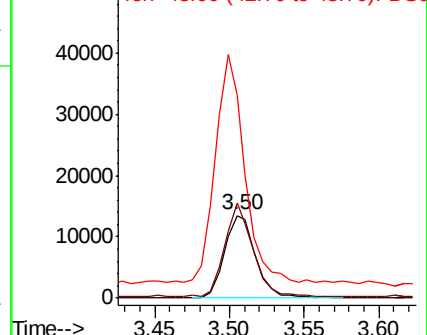
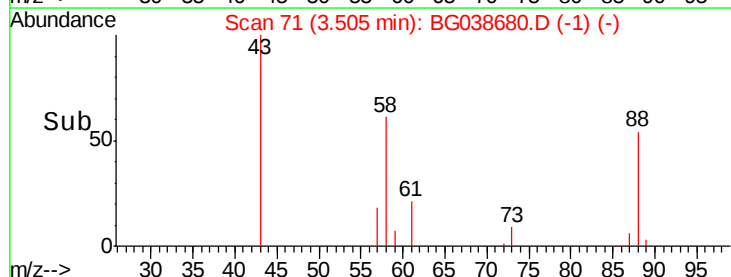


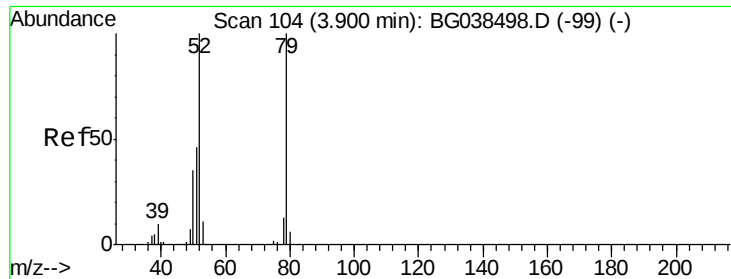
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 36.811 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.01 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

Instrument :

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ClientSampleId :

TP-1-BMS

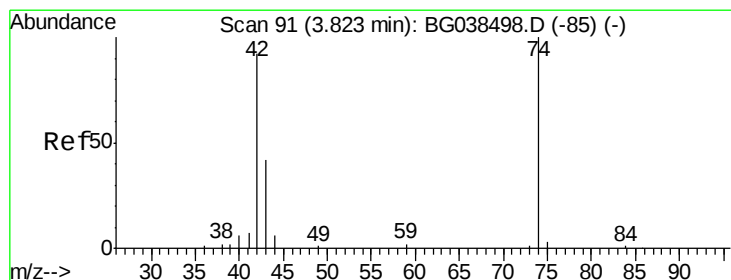
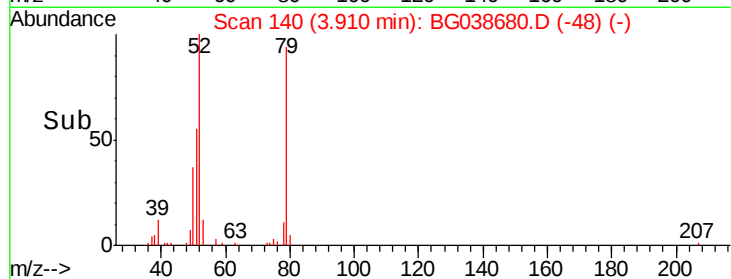
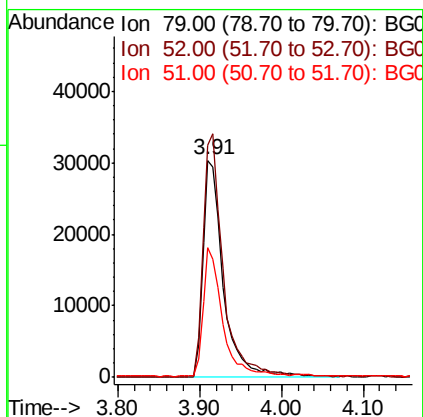
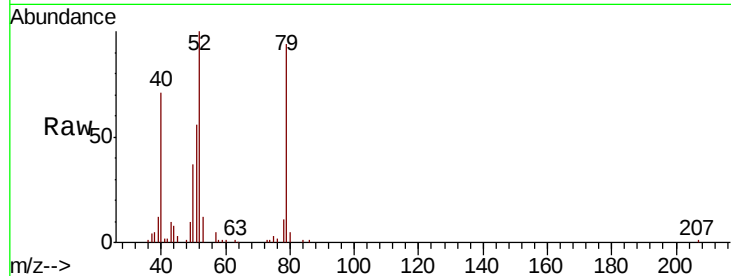
Tgt Ion: 79 Resp: 52968

Ion Ratio Lower Upper

79 100

52 106.9 80.2 120.2

51 59.7 38.0 57.0#



#4

n-Nitrosodimethylamine

Concen: 54.516 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

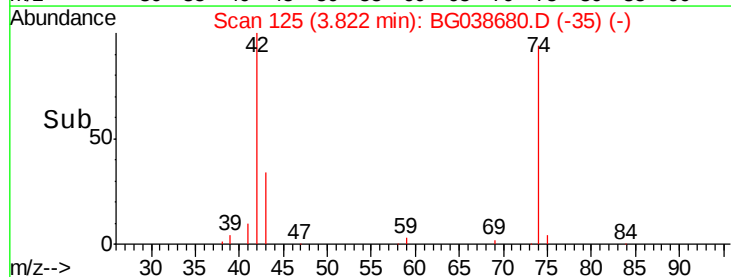
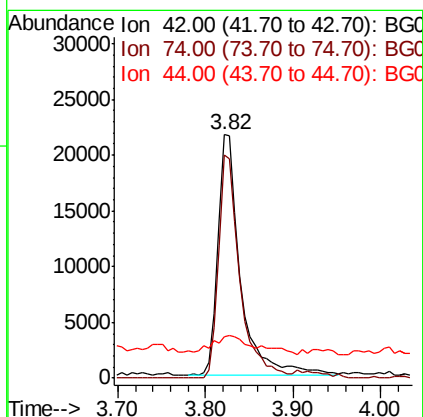
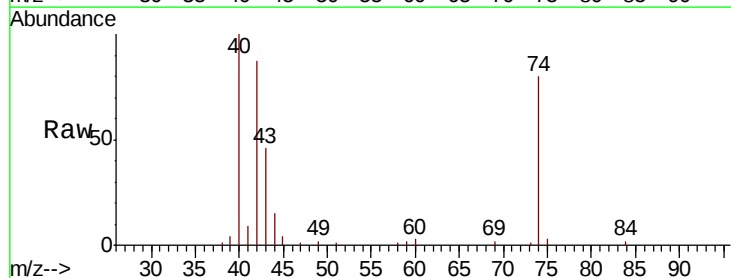
Tgt Ion: 42 Resp: 38436

Ion Ratio Lower Upper

42 100

74 91.6 86.7 130.1

44 16.9 7.8 11.8#





#5

2-Fluorophenol

Concen: 148.300 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

Instrument :

BNA_G

ClientSampleId :

TP-1-BMS

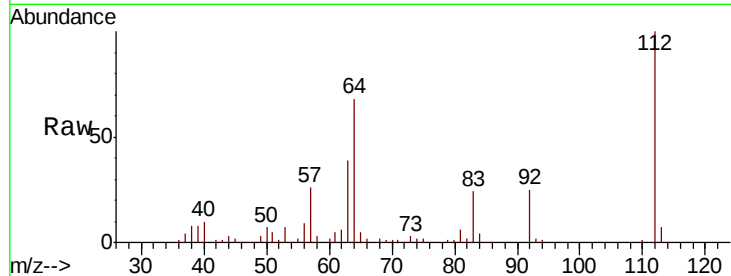
Tgt Ion: 112 Resp: 166532

Ion Ratio Lower Upper

112 100

64 67.7 53.4 80.2

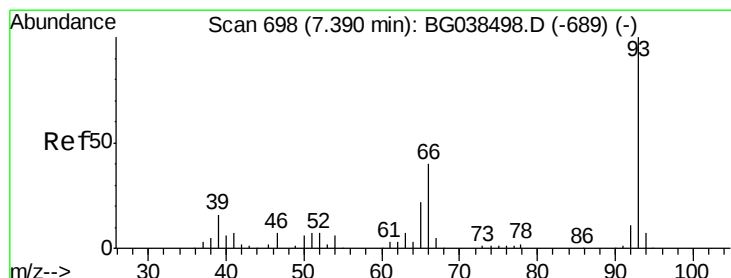
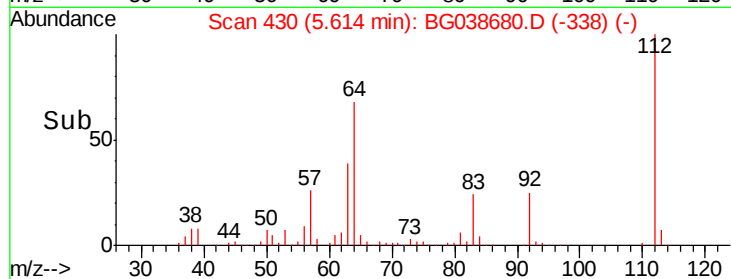
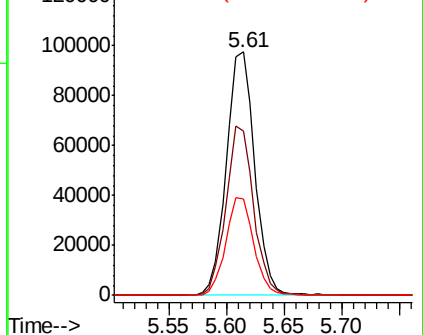
63 39.5 29.3 43.9



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: 15.570 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

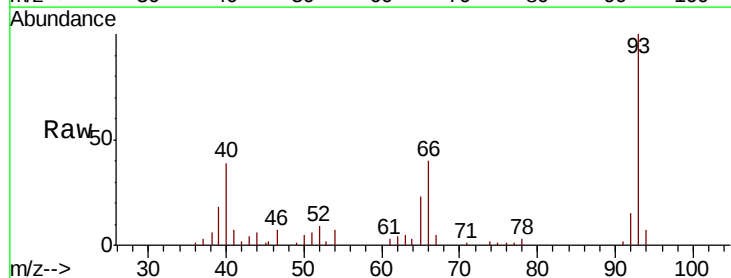
Tgt Ion: 93 Resp: 30641

Ion Ratio Lower Upper

93 100

66 40.0 31.7 47.5

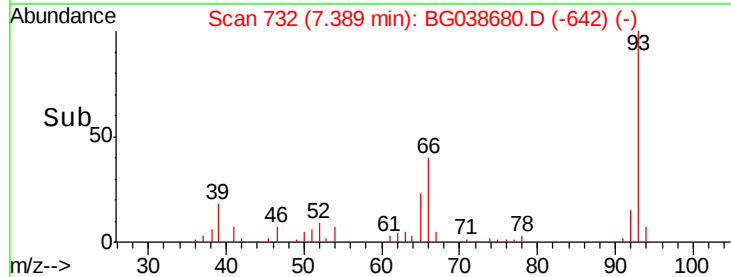
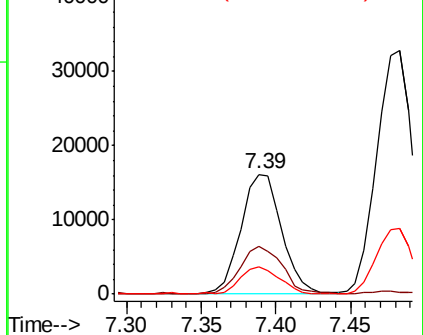
65 23.3 17.8 26.6

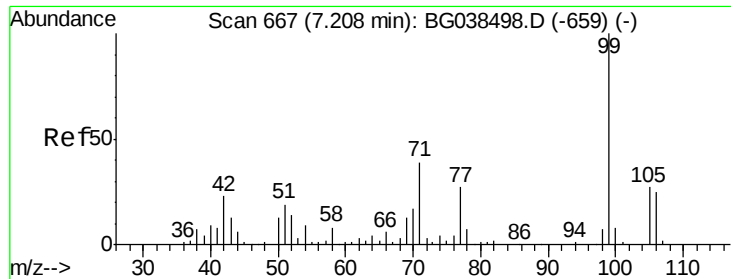


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.881 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

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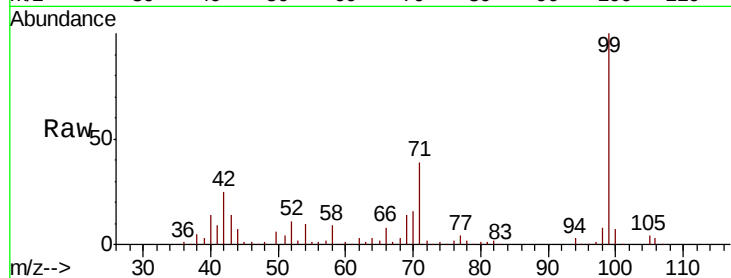
Tgt Ion: 99 Resp: 200221

Ion Ratio Lower Upper

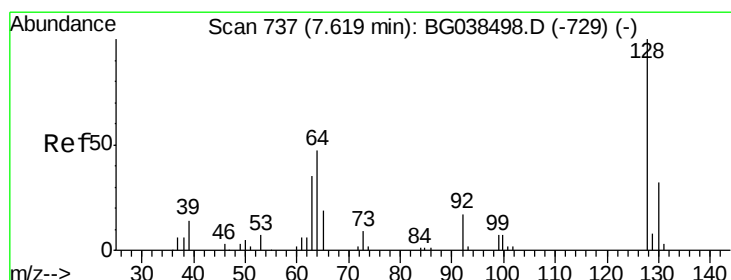
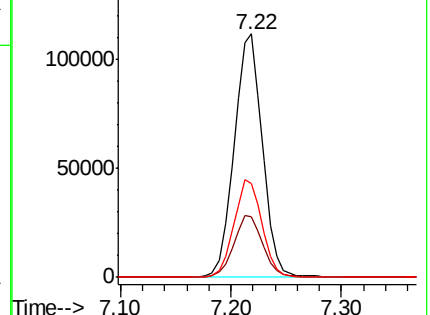
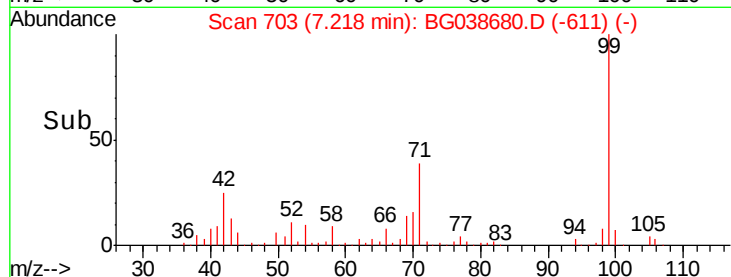
99 100

42 25.1 18.5 27.7

71 38.8 31.1 46.7



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



#8

2-Chlorophenol

Concen: 46.906 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

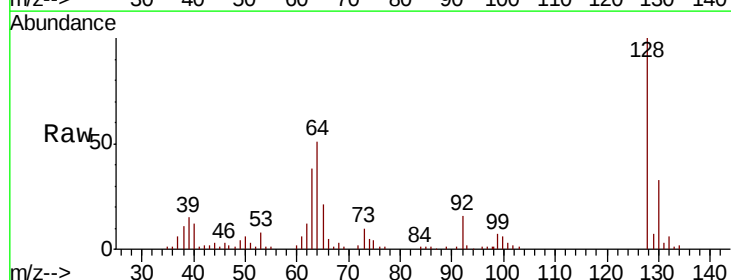
Tgt Ion: 128 Resp: 60954

Ion Ratio Lower Upper

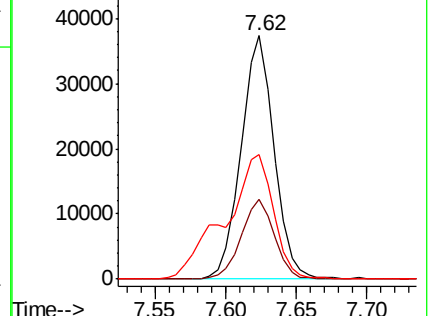
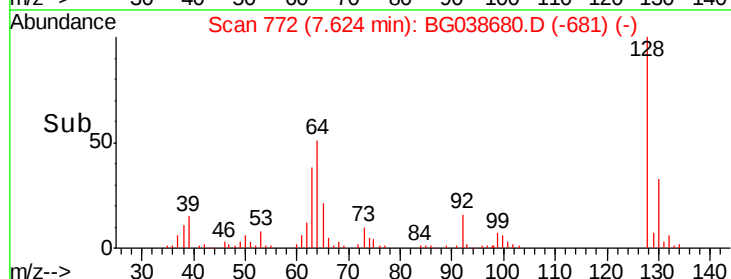
128 100

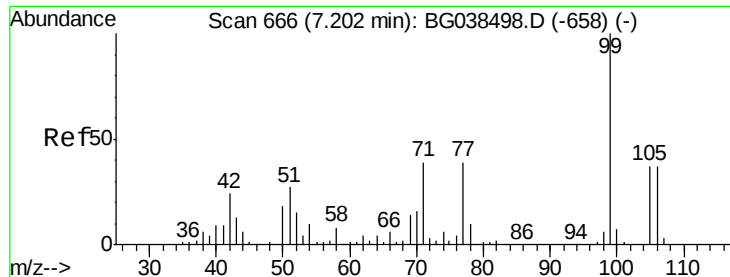
130 32.9 11.8 51.8

64 51.0 33.2 73.2



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





#9

Benzaldehyde

Concen: 18.378 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

Instrument :

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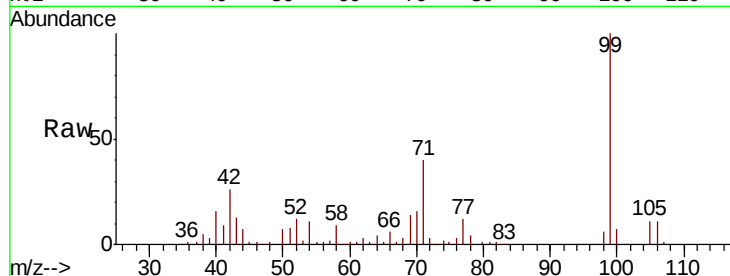
Tgt Ion: 77 Resp: 18379

Ion Ratio Lower Upper

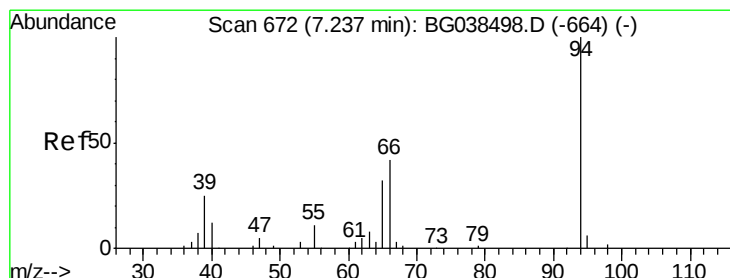
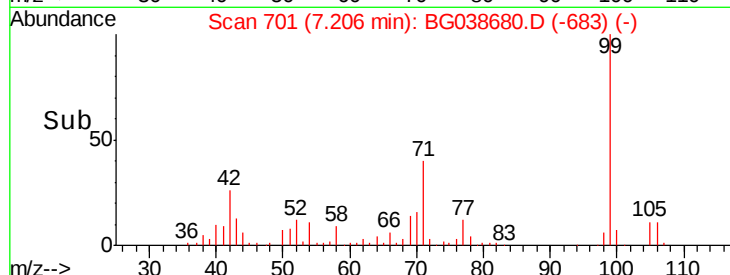
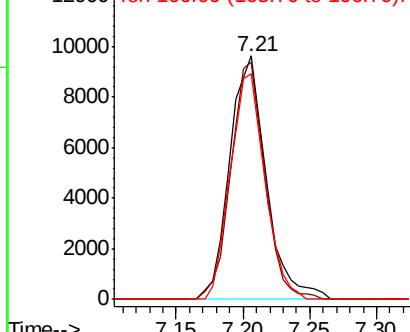
77 100

105 97.3 74.0 114.0

106 92.5 73.9 113.9



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



#10

Phenol

Concen: 40.365 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

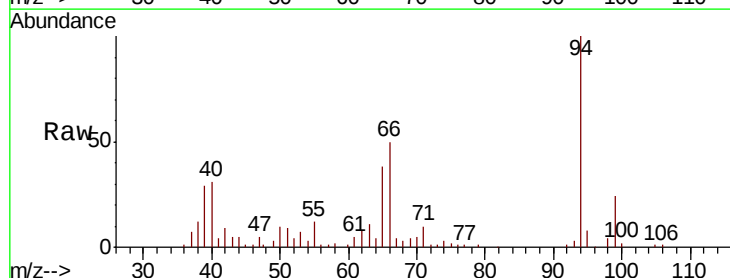
Tgt Ion: 94 Resp: 66108

Ion Ratio Lower Upper

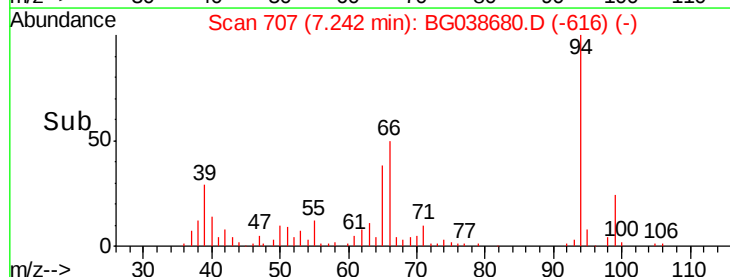
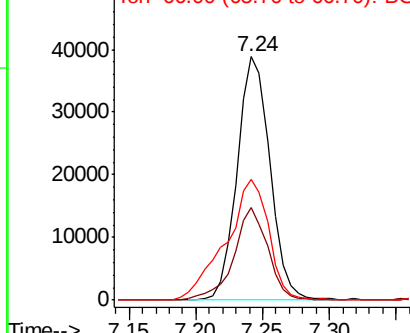
94 100

65 37.9 12.6 52.6

66 49.5 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: 42.711 ng

RT: 7.48 min Scan# 748

Delta R.T. 0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

Instrument :

BNA_G

ClientSampleId :

TP-1-BMS

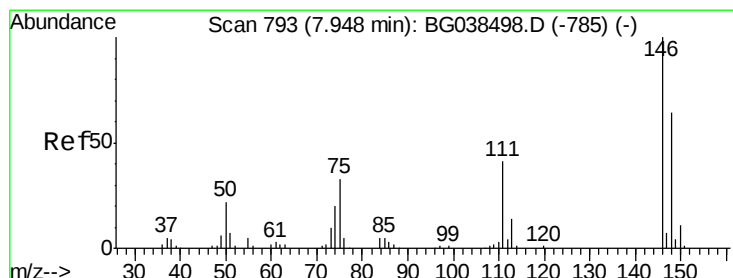
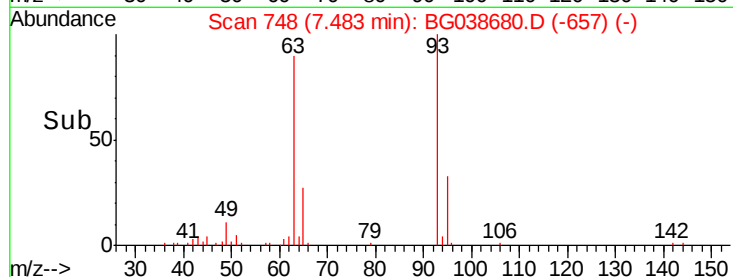
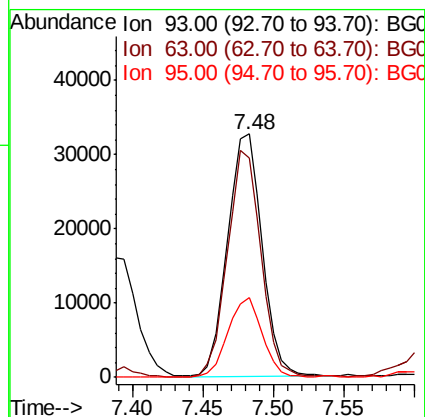
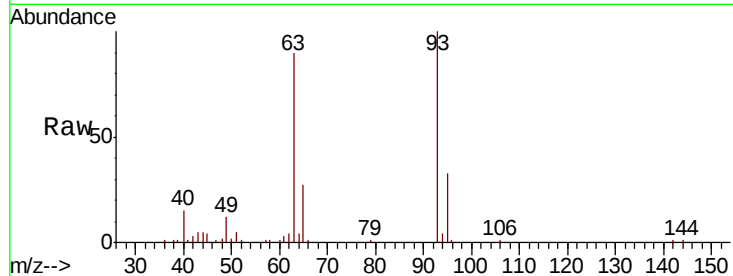
Tgt Ion: 93 Resp: 55692

Ion Ratio Lower Upper

93 100

63 90.2 72.2 112.2

95 32.6 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 42.219 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

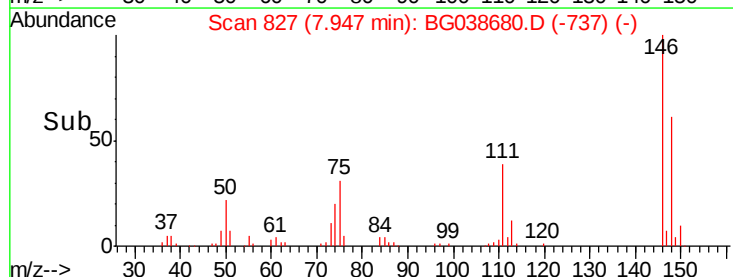
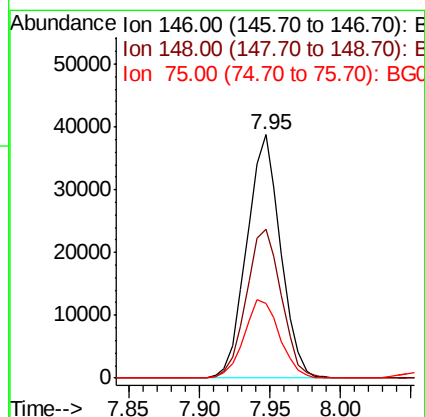
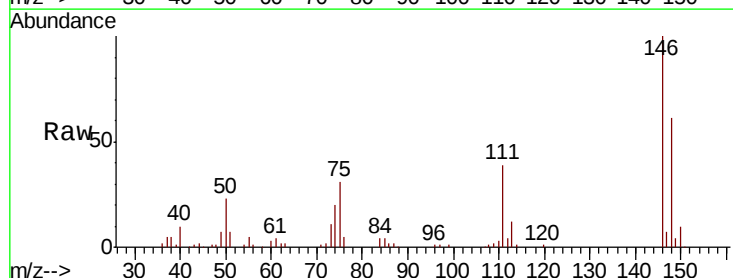
Tgt Ion: 146 Resp: 64869

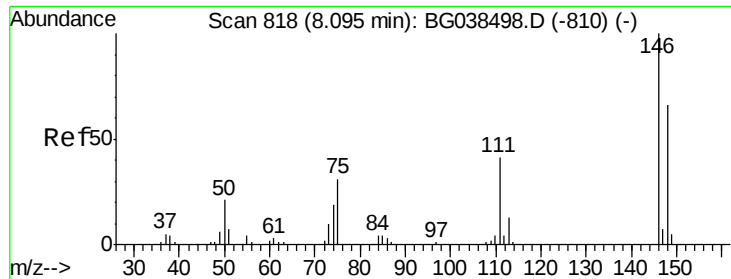
Ion Ratio Lower Upper

146 100

148 61.2 51.4 77.0

75 30.6 26.1 39.1

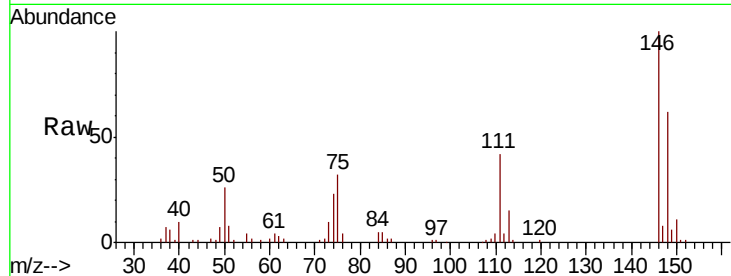




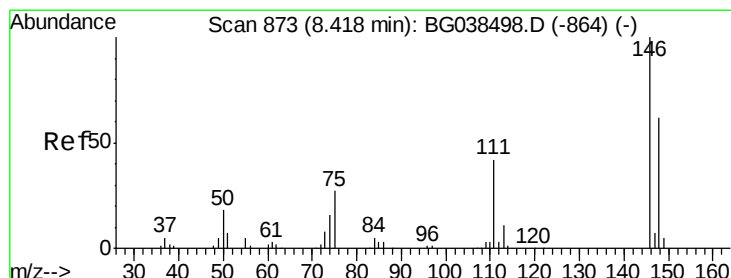
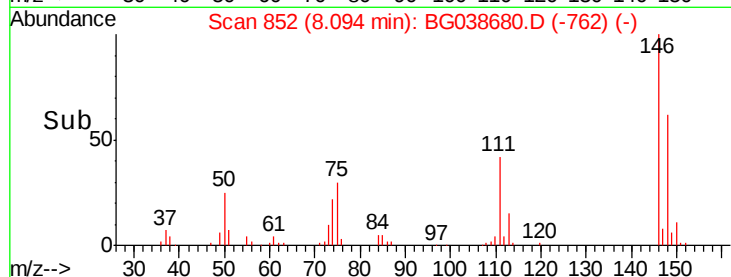
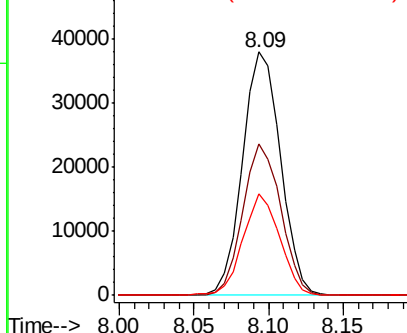
#13
 1,4-Dichlorobenzene
 Concen: 42.492 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMS

Tgt Ion:146 Resp: 66867
 Ion Ratio Lower Upper
 146 100
 148 62.3 52.4 78.6
 111 41.6 33.0 49.4

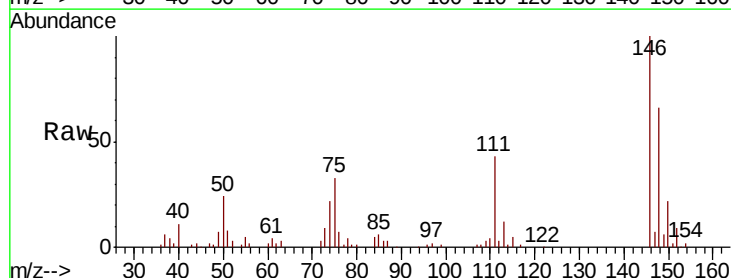


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

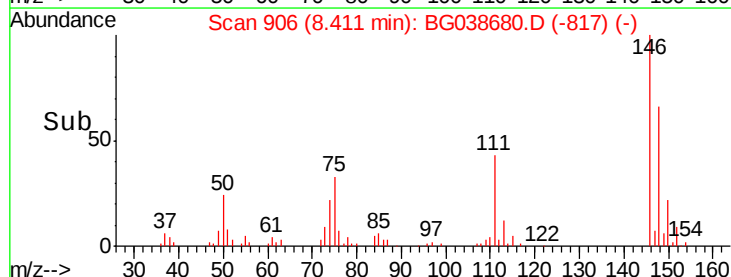
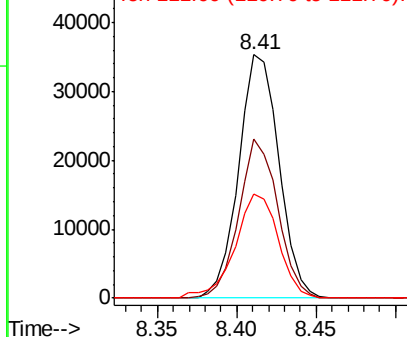


#14
 1,2-Dichlorobenzene
 Concen: 42.044 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Tgt Ion:146 Resp: 62373
 Ion Ratio Lower Upper
 146 100
 148 65.6 49.4 74.0
 111 42.9 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: 47.789 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

Instrument :

BNA_G

ClientSampleId :

TP-1-BMS

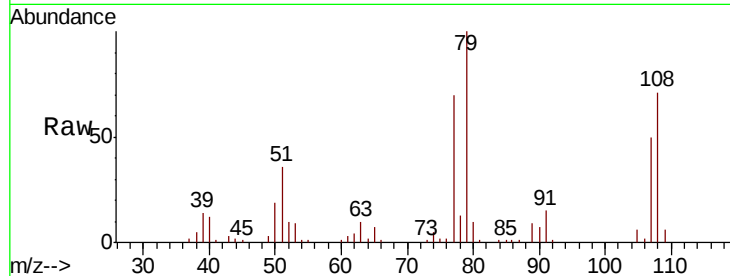
Tgt Ion: 79 Resp: 57503

Ion Ratio Lower Upper

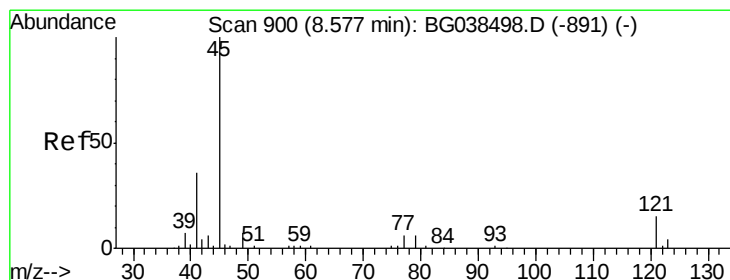
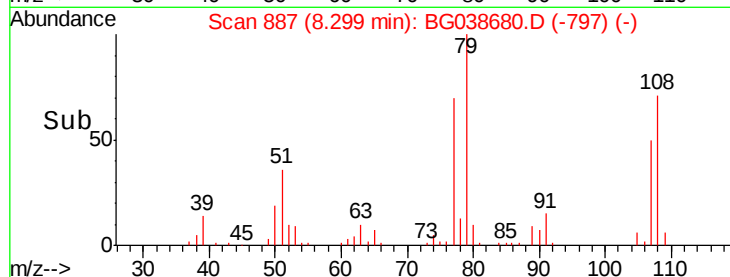
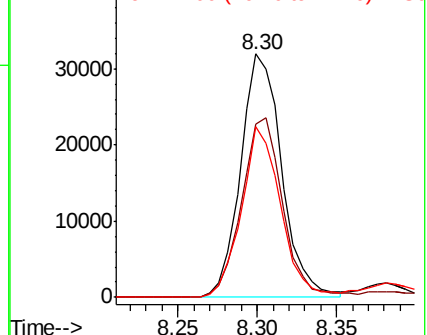
79 100

108 71.2 60.2 90.4

77 70.2 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: 42.733 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

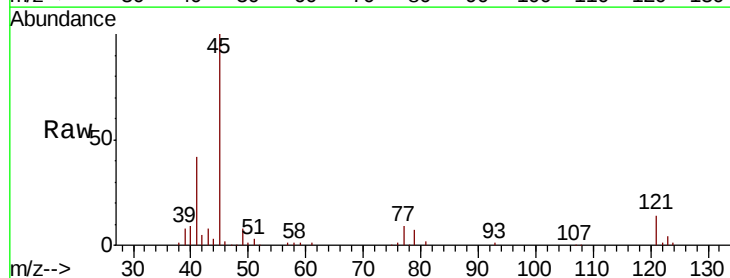
Tgt Ion: 45 Resp: 127643

Ion Ratio Lower Upper

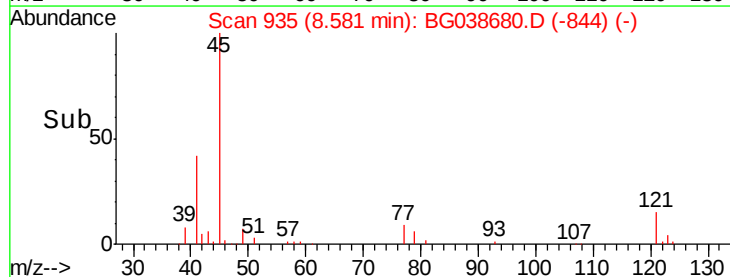
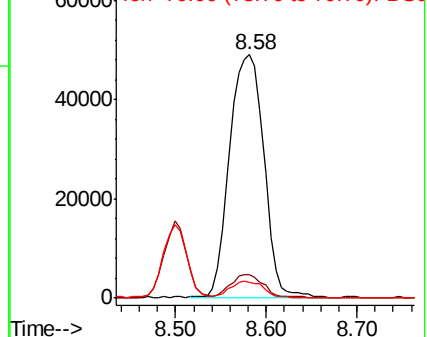
45 100

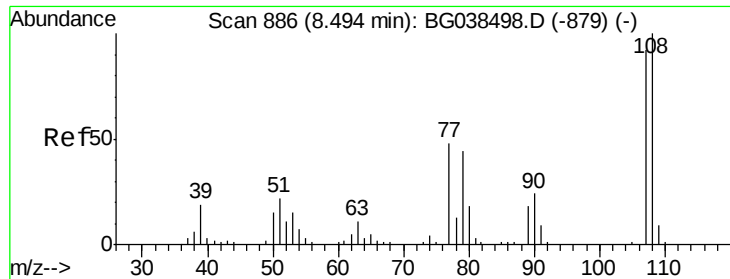
77 9.4 0.0 28.2

79 6.7 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

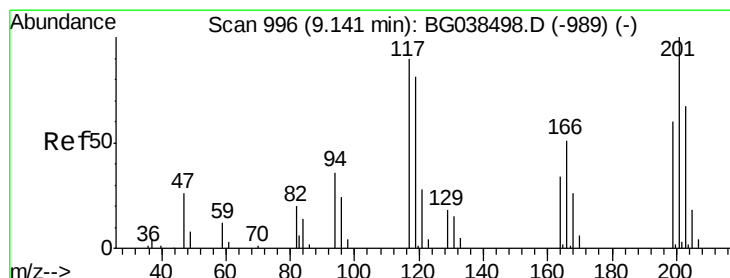
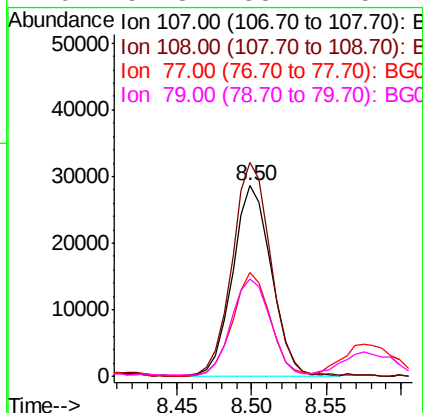
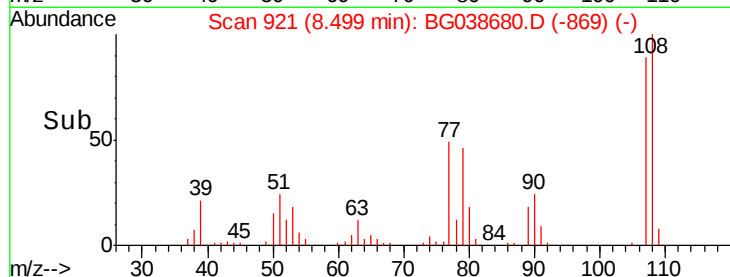
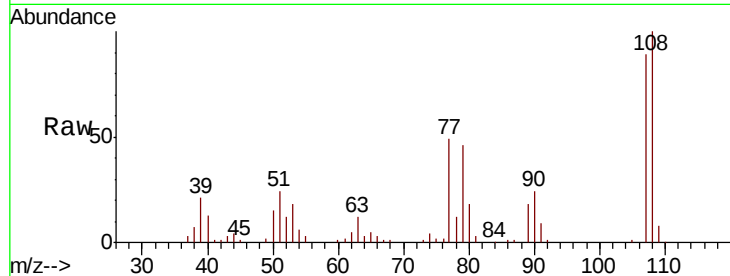




#17
2-Methylphenol
Concen: 47.056 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

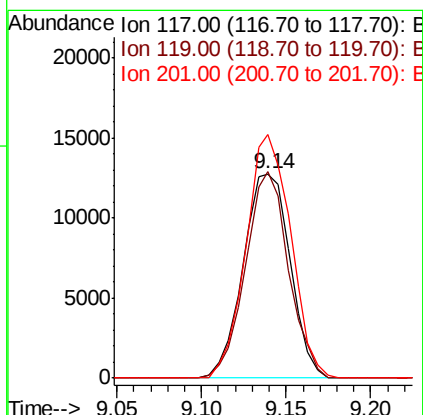
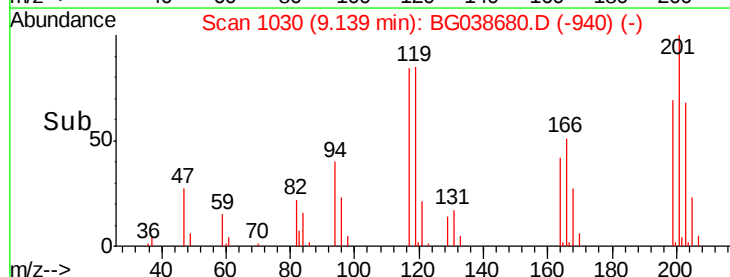
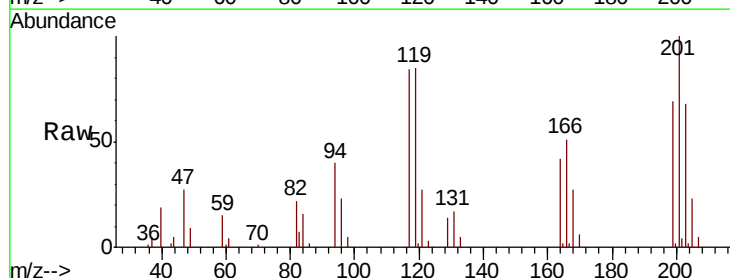
Instrument :
BNA_G
ClientSampleId :
TP-1-BMS

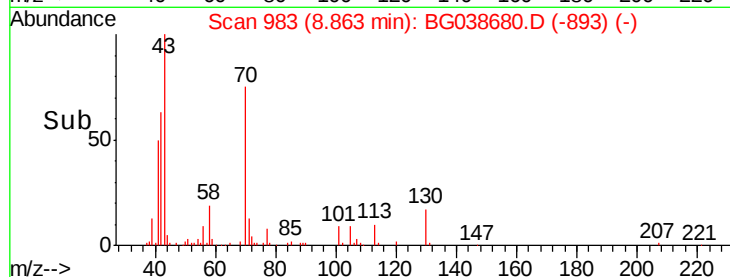
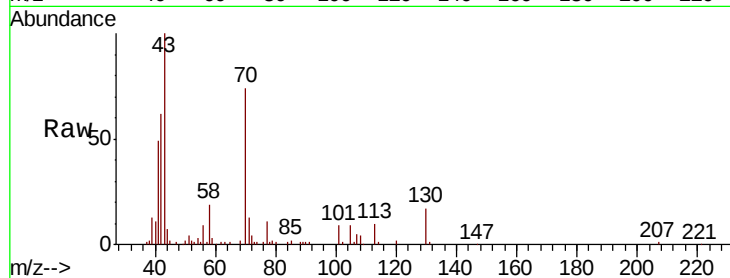
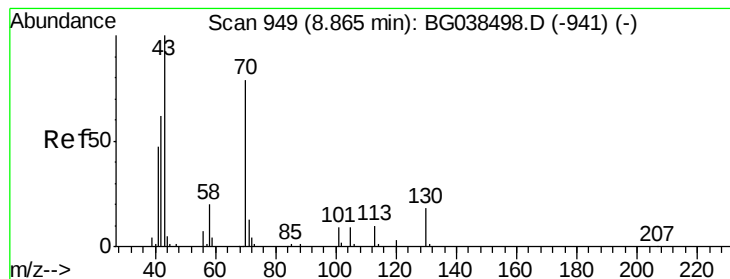
Tgt Ion:107 Resp: 51634
Ion Ratio Lower Upper
107 100
108 112.2 87.1 130.7
77 54.5 42.0 63.0
79 51.3 38.2 57.2



#18
Hexachloroethane
Concen: 42.817 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

Tgt Ion:117 Resp: 24621
Ion Ratio Lower Upper
117 100
119 101.1 73.8 110.8
201 119.2 89.4 134.0





#19

n-Nitroso-di-n-propylamine

Concen: 43.308 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

Instrument :

BNA_G

ClientSampleId :

TP-1-BMS

Tgt Ion: 70 Resp: 46890

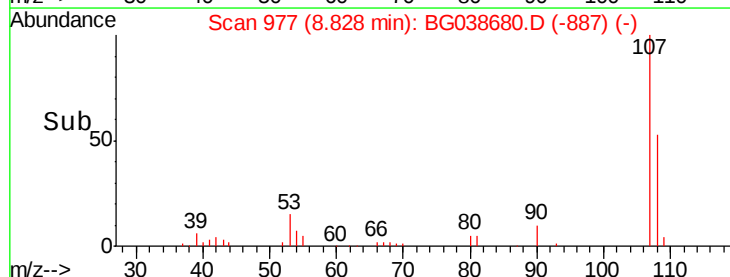
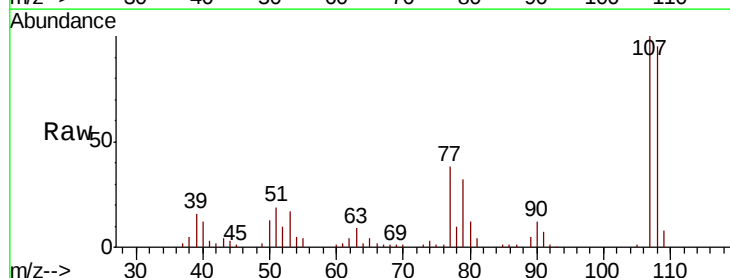
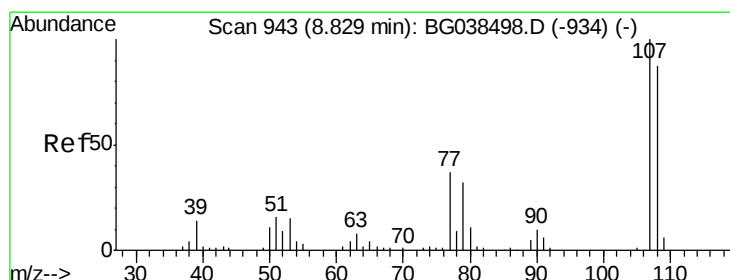
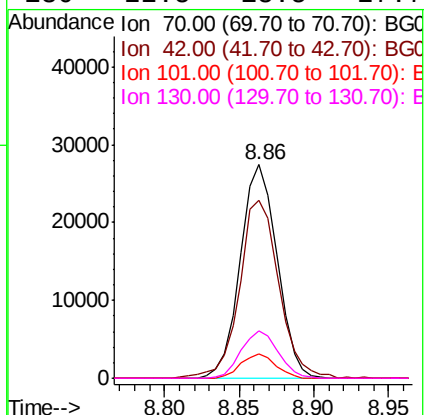
Ion Ratio Lower Upper

70 100

42 83.1 63.6 95.4

101 11.6 9.2 13.8

130 22.5 18.5 27.7



#20

3+4-Methylphenols

Concen: 46.032 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

Tgt Ion: 107 Resp: 69757

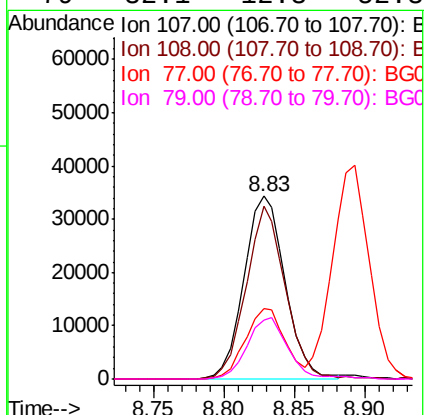
Ion Ratio Lower Upper

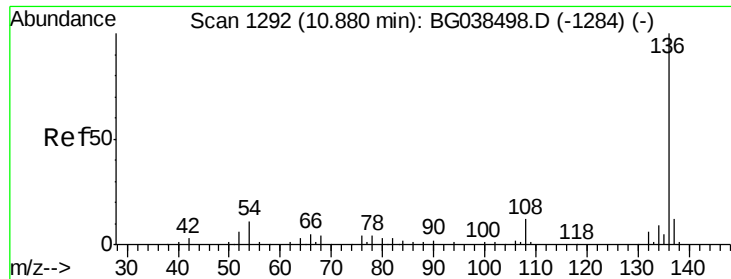
107 100

108 94.8 66.7 106.7

77 38.2 17.3 57.3

79 32.1 12.3 52.3

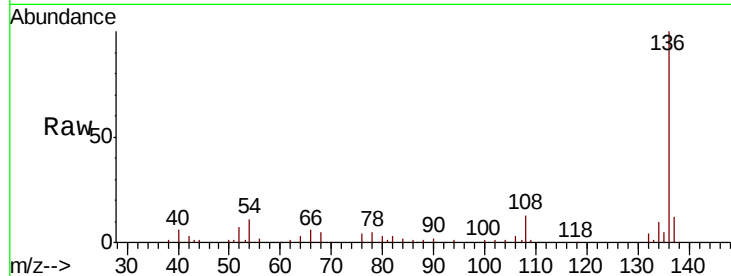




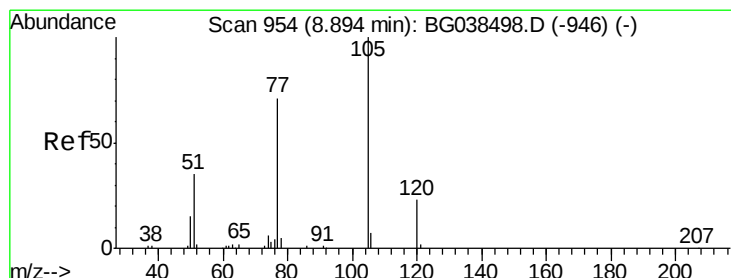
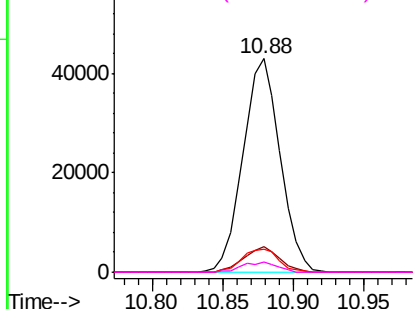
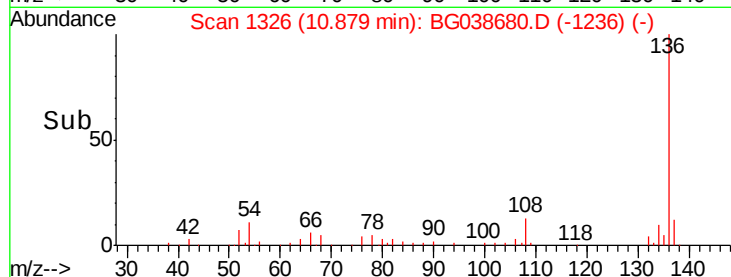
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

Instrument :
BNA_G
ClientSampleId :
TP-1-BMS

Tgt Ion:	136	Resp:	79093
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	10.6	8.5	12.7
68	4.7	3.5	5.3

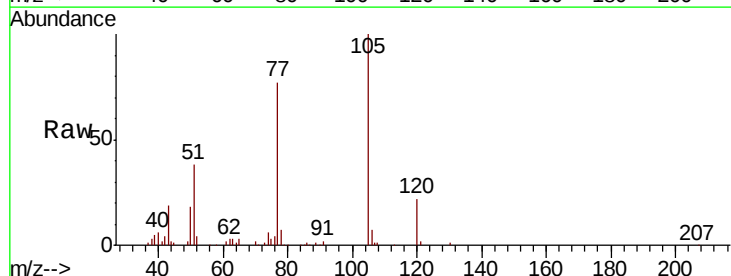


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

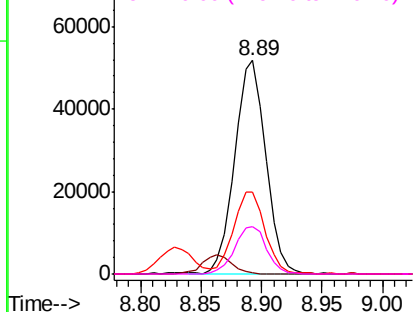
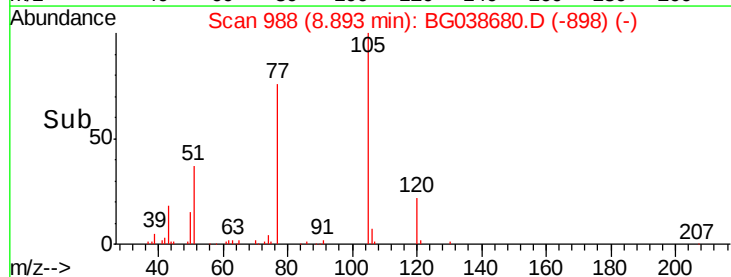


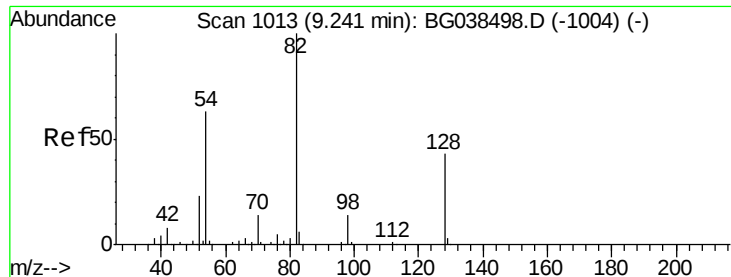
#22
Acetophenone
Concen: 47.243 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

Tgt Ion:	105	Resp:	93333
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.4	0.6
51	38.5	30.6	46.0
120	22.2	18.6	28.0



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

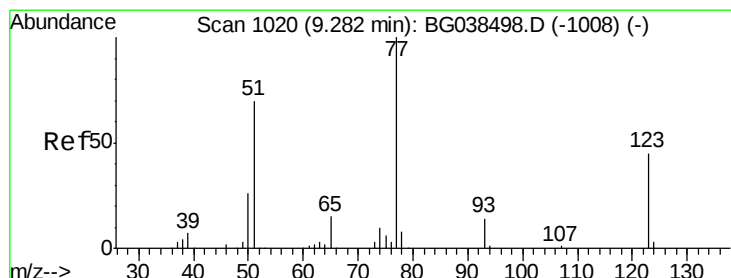
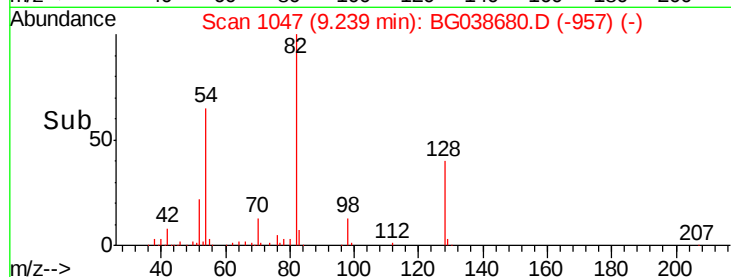
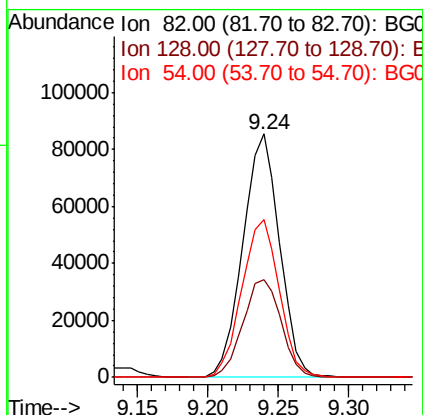
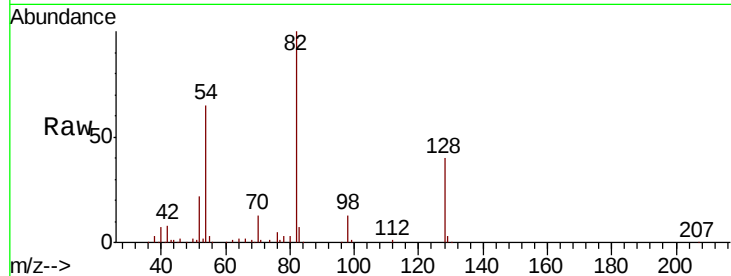




#23
 Nitrobenzene-d5
 Concen: 100.818 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

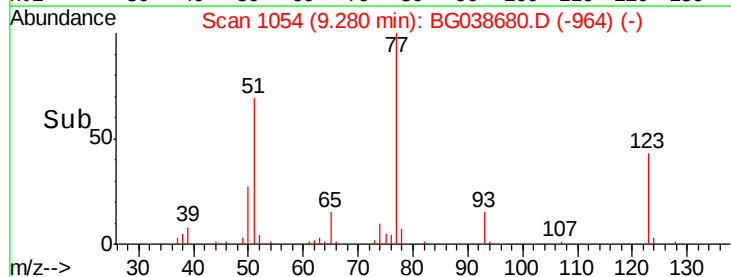
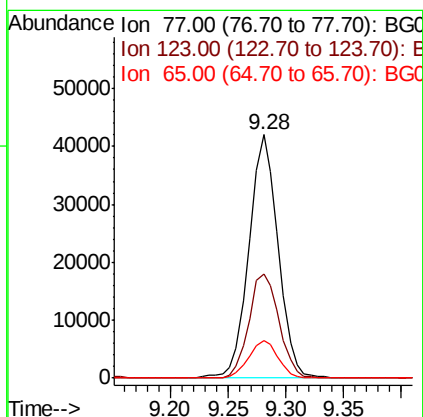
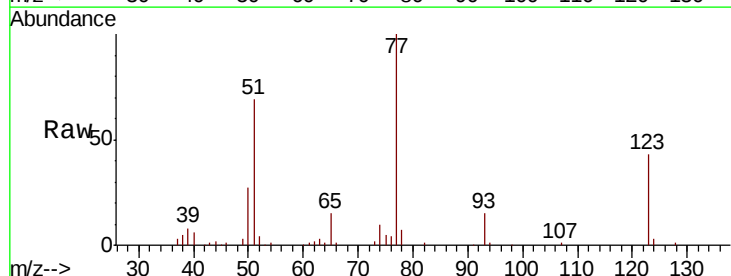
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMS

Tgt Ion: 82 Resp: 156086
 Ion Ratio Lower Upper
 82 100
 128 40.0 34.6 52.0
 54 64.9 50.6 76.0



#24
 Nitrobenzene
 Concen: 47.146 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Tgt Ion: 77 Resp: 73841
 Ion Ratio Lower Upper
 77 100
 123 42.6 35.9 53.9
 65 15.4 12.0 18.0

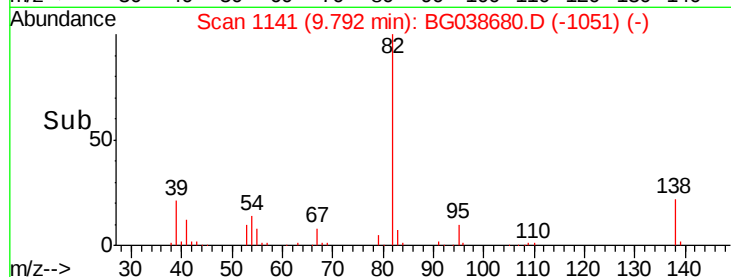
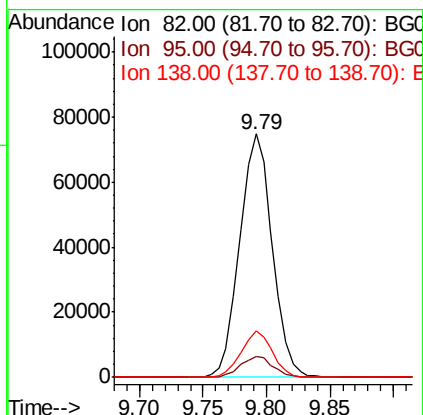
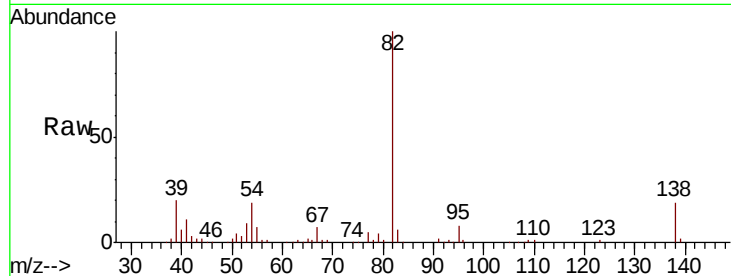




#25
Isophorone
Concen: 47.811 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

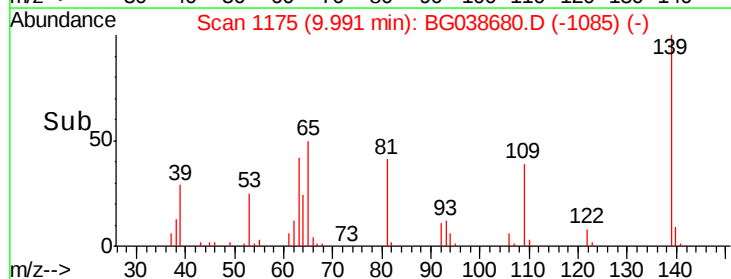
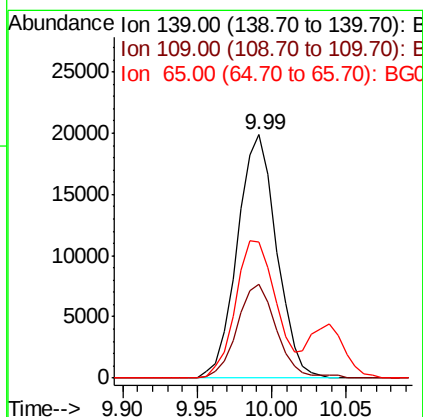
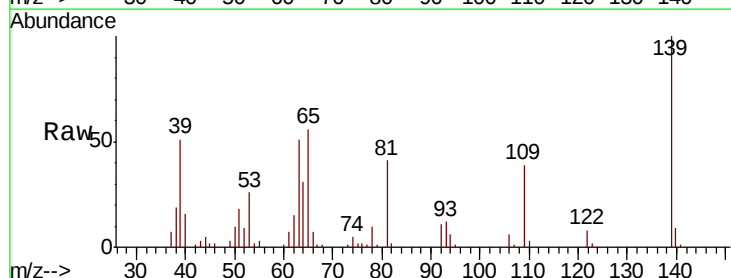
Instrument :
BNA_G
ClientSampleId :
TP-1-BMS

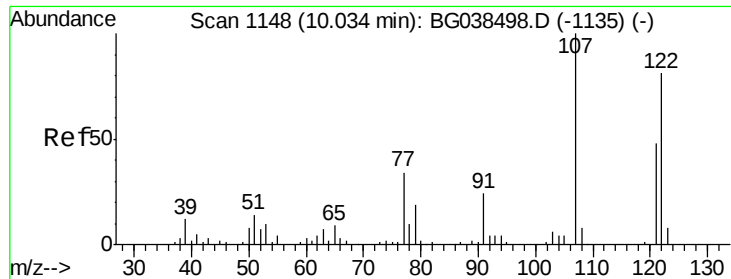
Tgt Ion: 82 Resp: 132995
Ion Ratio Lower Upper
82 100
95 8.4 6.1 9.1
138 19.4 14.9 22.3



#26
2-Nitrophenol
Concen: 45.164 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

Tgt Ion: 139 Resp: 36204
Ion Ratio Lower Upper
139 100
109 38.7 29.5 44.3
65 56.1 48.5 72.7

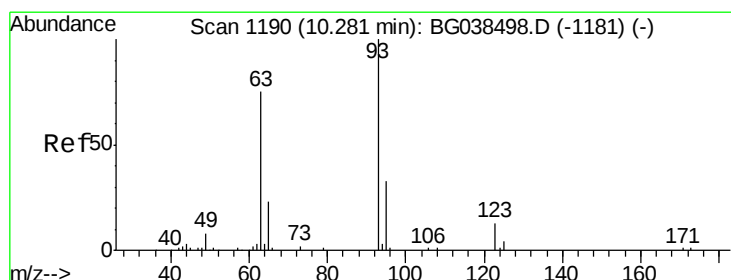
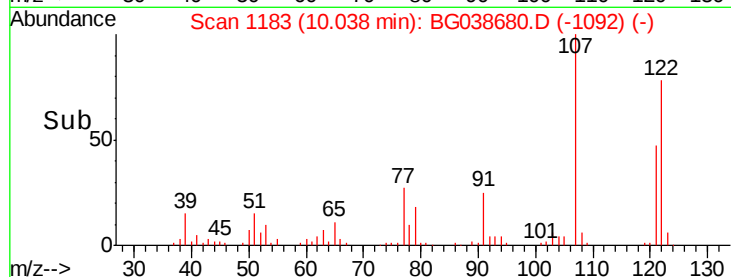
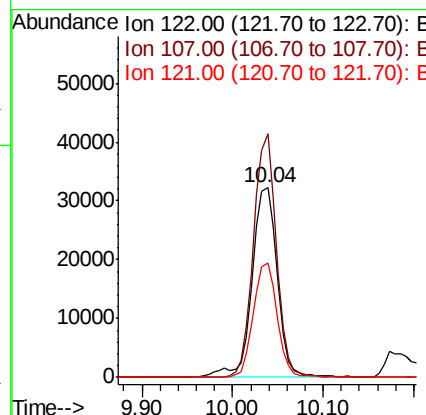
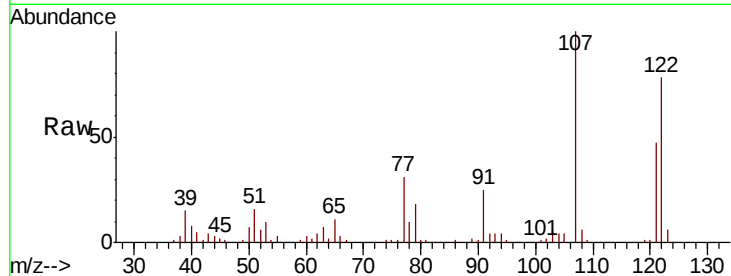




#27
 2,4-Dimethylphenol
 Concen: 53.853 ng
 RT: 10.04 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

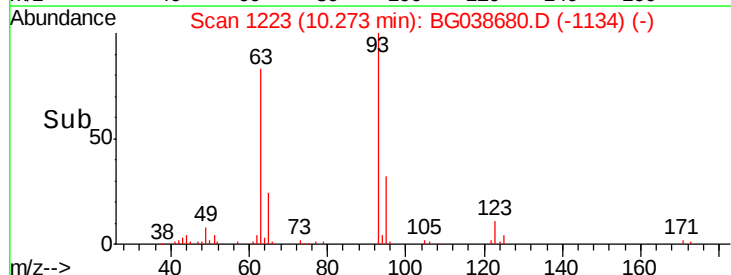
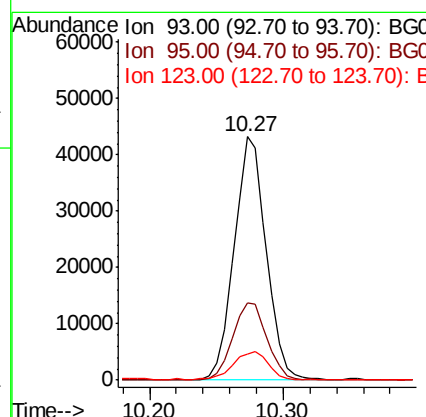
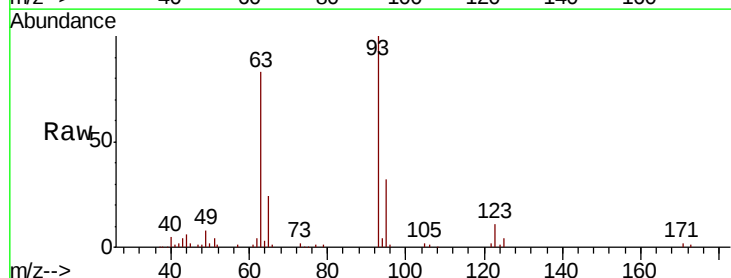
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMS

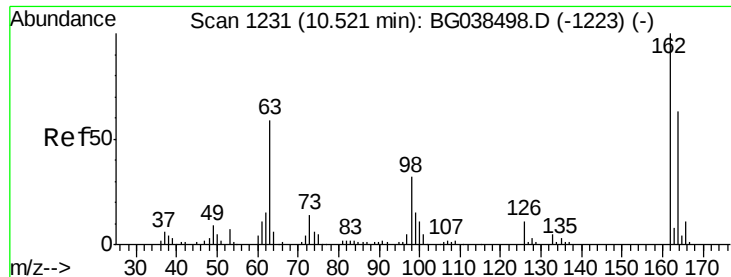
Tgt Ion:122 Resp: 61869
 Ion Ratio Lower Upper
 122 100
 107 128.6 98.4 147.6
 121 60.5 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.987 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Tgt Ion: 93 Resp: 72190
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.6 40.0
 123 10.6 10.6 16.0#

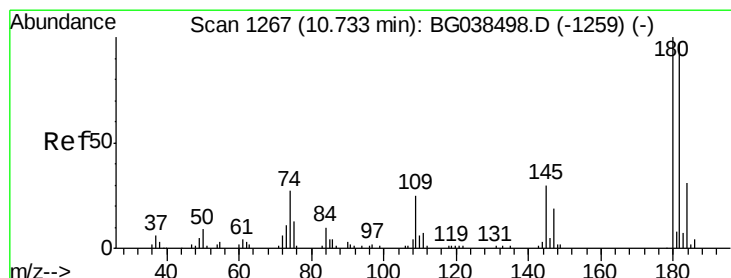
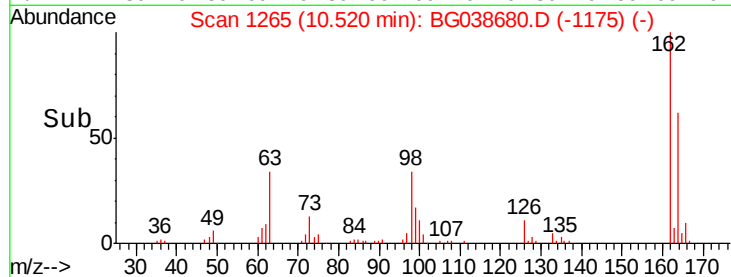
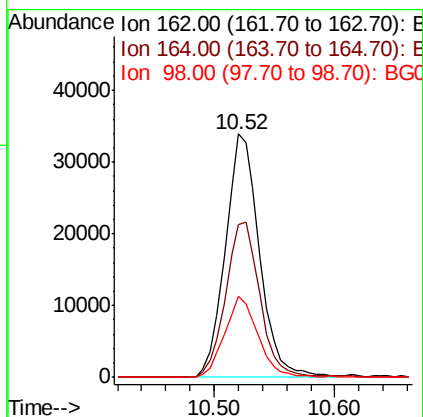
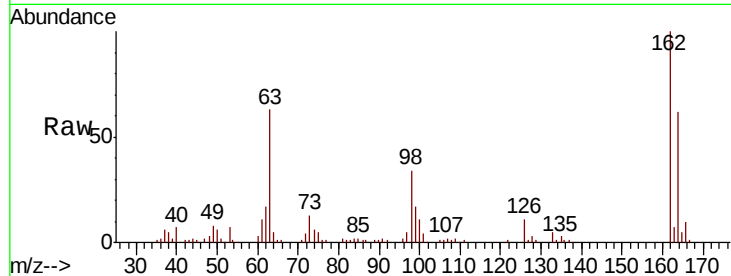




#29
 2,4-Dichlorophenol
 Concen: 51.988 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

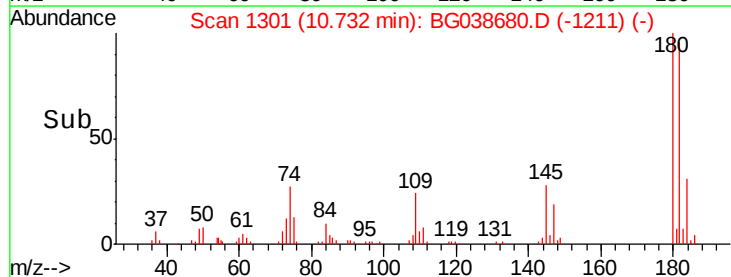
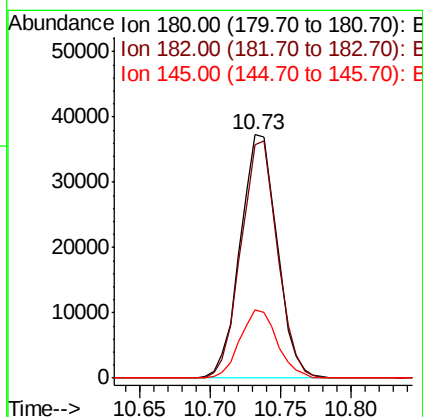
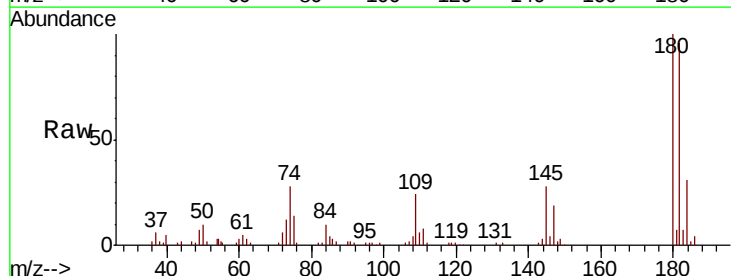
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMS

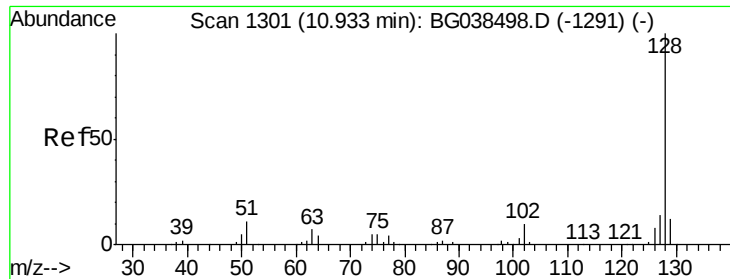
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.5	42.9	82.9
98	33.6	12.1	52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 44.242 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.4	116.0
145	28.3	24.1	36.1

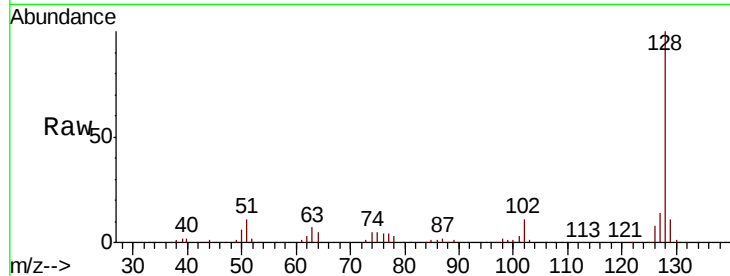




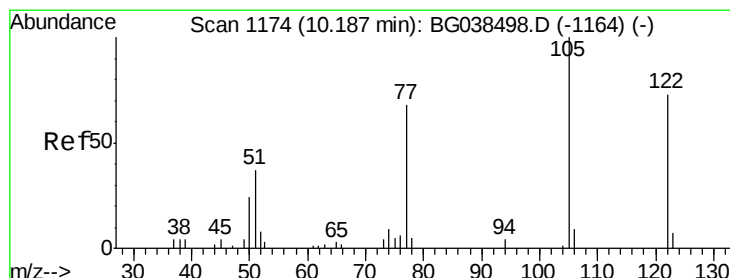
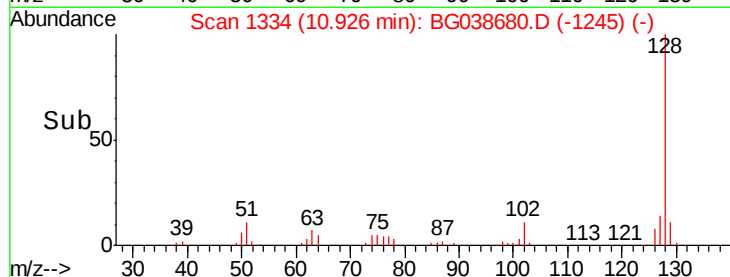
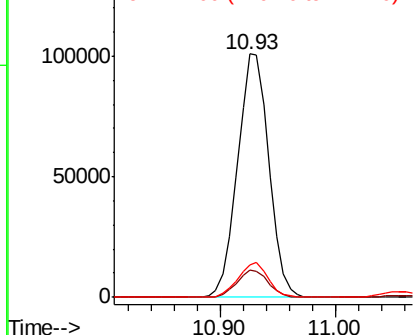
#31
Naphthalene
Concen: 48.635 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

Instrument :
BNA_G
ClientSampleId :
TP-1-BMS

Tgt Ion:128 Resp: 189528
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.6 10.9 16.3

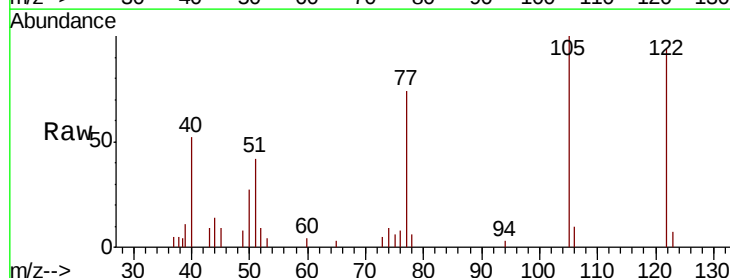


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

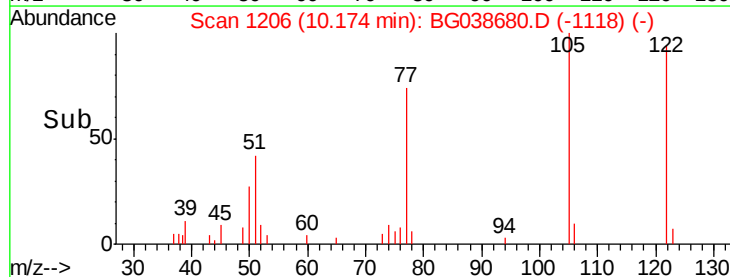
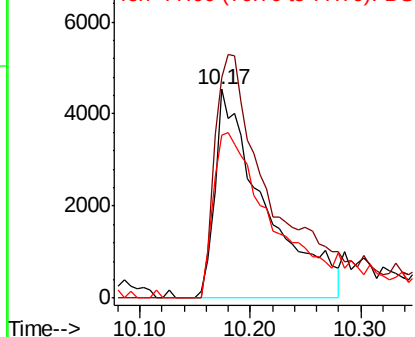


#32
Benzoic acid
Concen: 25.520 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

Tgt Ion:122 Resp: 14216
Ion Ratio Lower Upper
122 100
105 105.9 116.7 156.7#
77 78.3 72.5 112.5



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

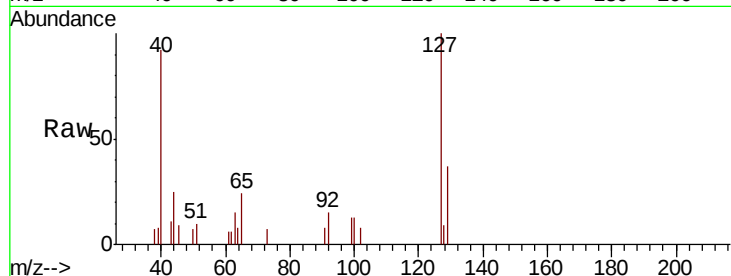




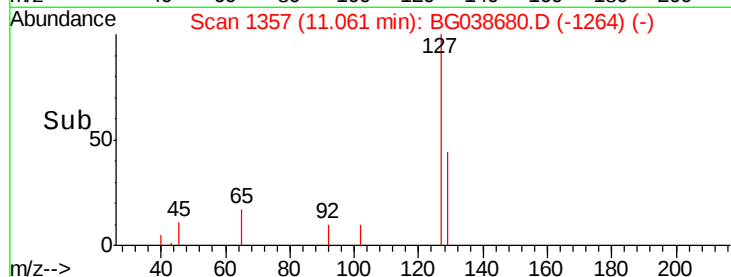
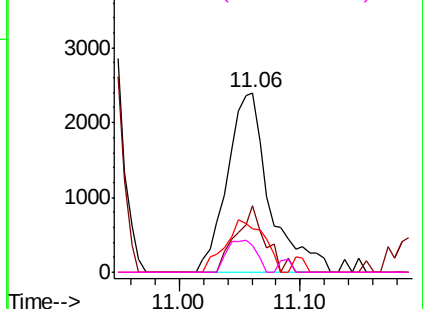
#33
4-Chloroaniline
Concen: 3.438 ng
RT: 11.06 min Scan# 1357
Delta R.T. 0.02 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

Instrument :
BNA_G
ClientSampleId :
TP-1-BMS

Tgt Ion:127 Resp: 5817
Ion Ratio Lower Upper
127 100
129 37.0 25.8 38.8
65 24.3 27.8 41.6#
92 15.0 17.0 25.6#

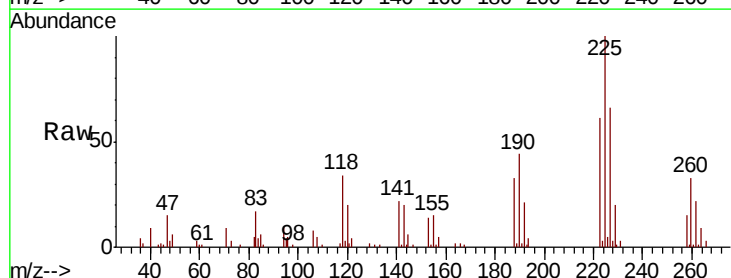


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

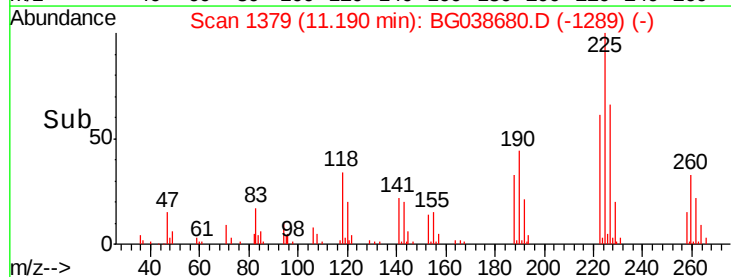
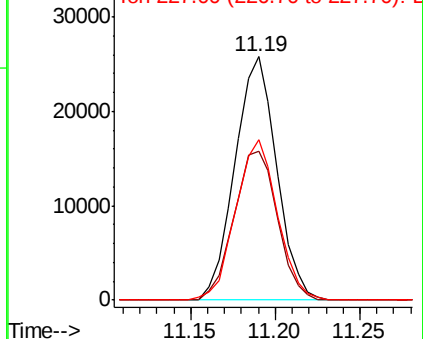


#34
Hexachlorobutadiene
Concen: 42.339 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

Tgt Ion:225 Resp: 44227
Ion Ratio Lower Upper
225 100
223 64.4 45.0 67.6
227 68.5 50.6 75.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 22.620 ng

RT: 11.82 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

Instrument :

BNA_G

ClientSampleId :

TP-1-BMS

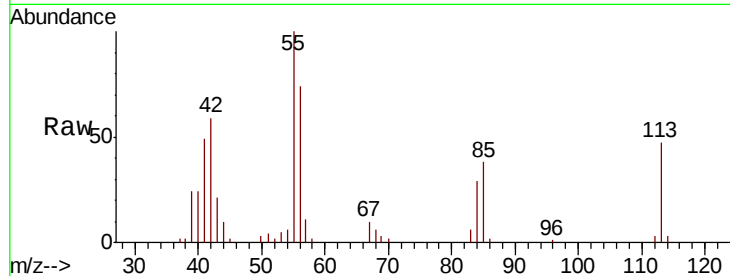
Tgt Ion:113 Resp: 11964

Ion Ratio Lower Upper

113 100

55 214.7 204.3 244.3

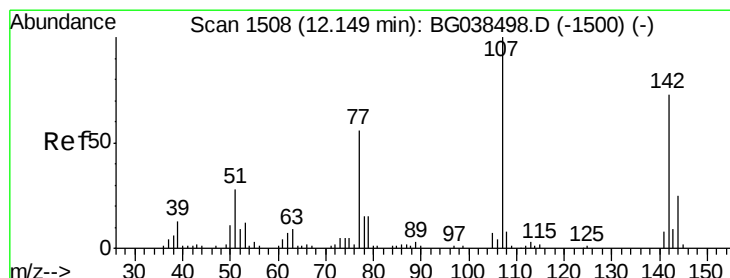
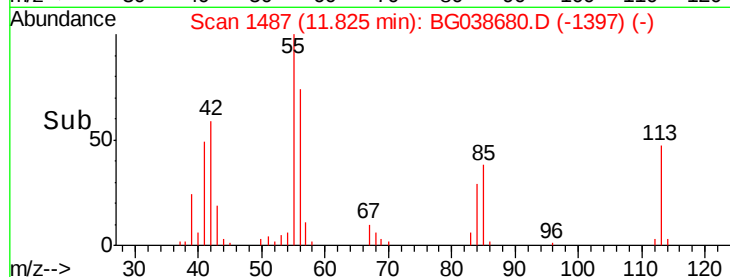
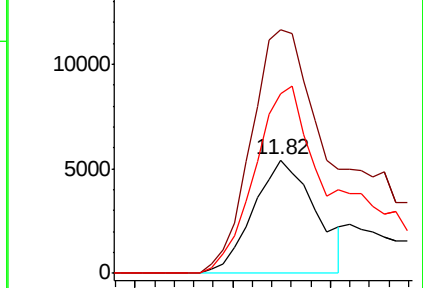
56 158.1 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 48.887 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

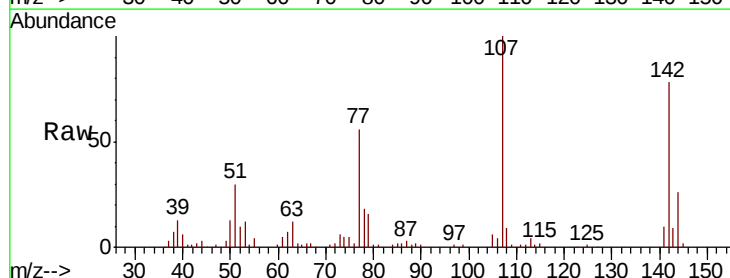
Tgt Ion:107 Resp: 71301

Ion Ratio Lower Upper

107 100

144 25.8 20.1 30.1

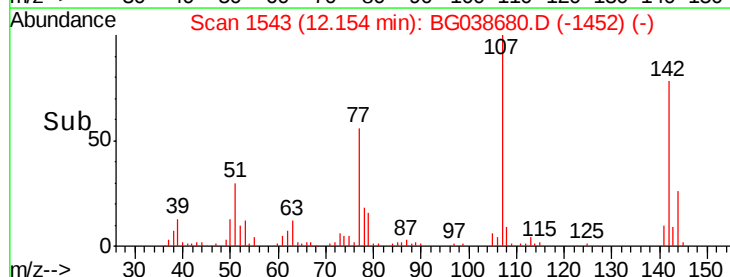
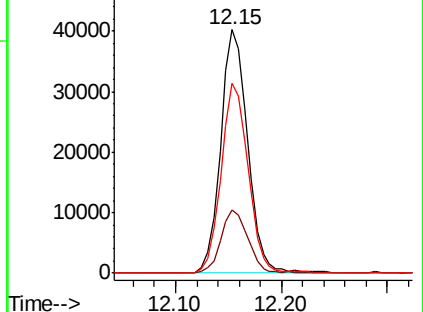
142 78.1 58.7 88.1

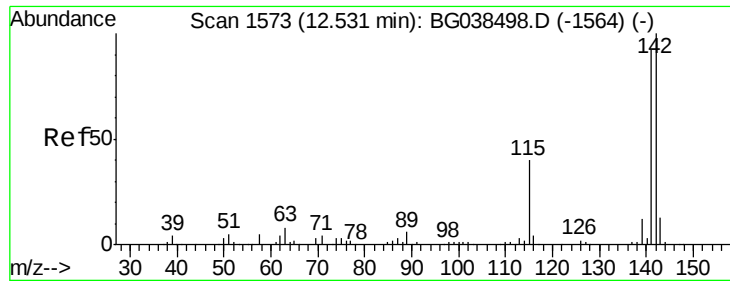


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

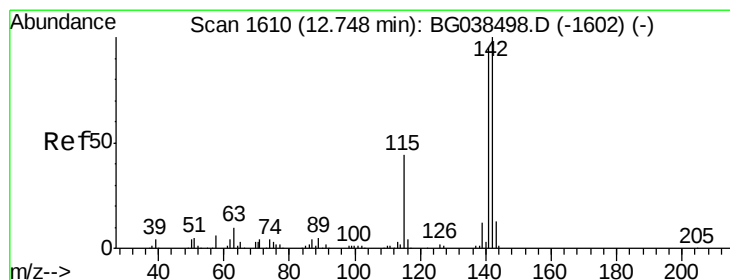
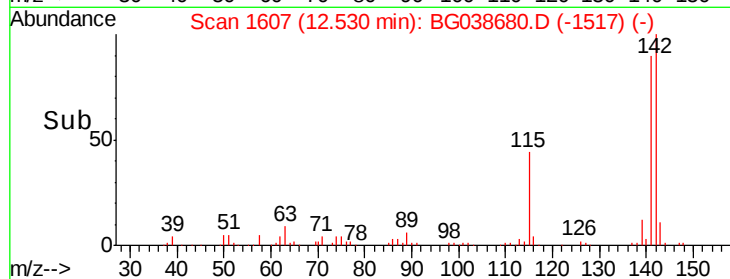
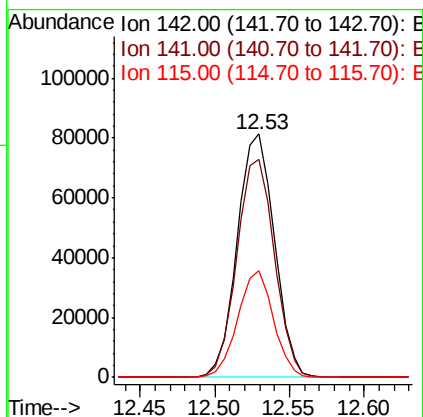
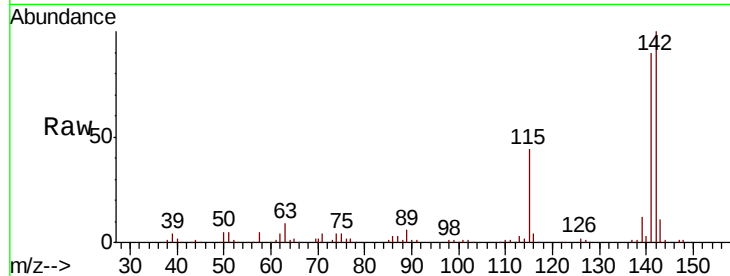




#37
 2-Methylnaphthalene
 Concen: 50.701 ng
 RT: 12.53 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

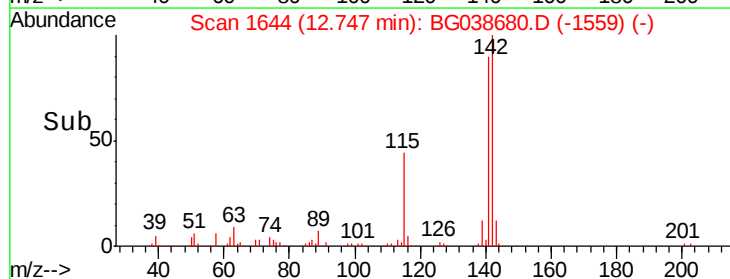
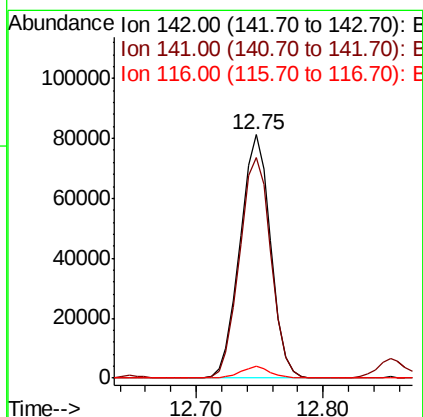
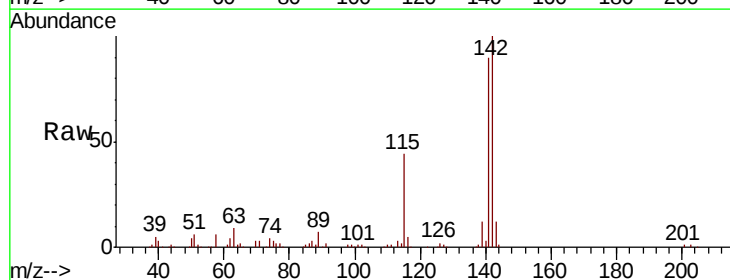
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMS

Tgt Ion:142 Resp: 140957
 Ion Ratio Lower Upper
 142 100
 141 89.8 73.5 110.3
 115 43.7 31.7 47.5



#38
 1-Methylnaphthalene
 Concen: 50.335 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Tgt Ion:142 Resp: 135795
 Ion Ratio Lower Upper
 142 100
 141 90.4 75.8 113.8
 116 5.0 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: BG038680.D

Acq: 18 Dec 2018 2:57

Instrument :

BNA_G

ClientSampleId :

TP-1-BMS

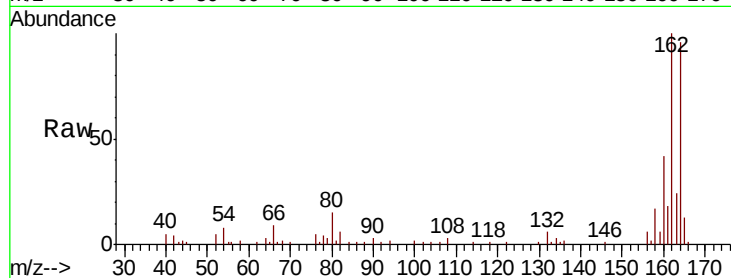
Tgt Ion:164 Resp: 52070

Ion Ratio Lower Upper

164 100

162 103.8 86.6 130.0

160 43.2 34.2 51.2

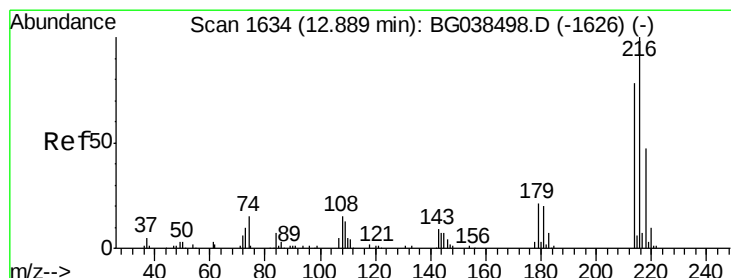
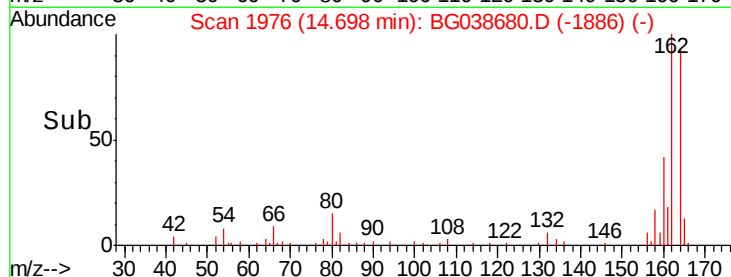
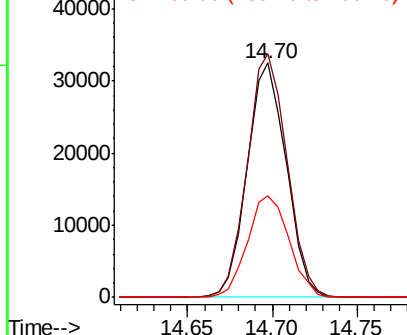


Abundance

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: 43.582 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

Tgt Ion:216 Resp: 84826

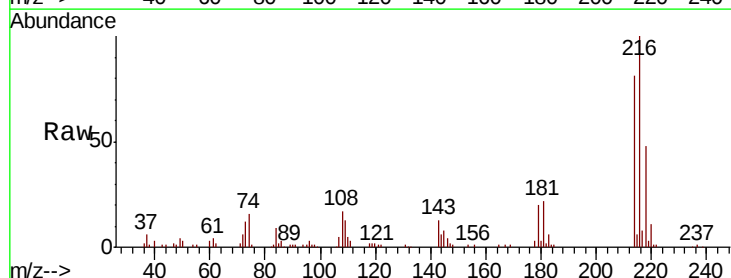
Ion Ratio Lower Upper

216 100

214 79.6 64.1 96.1

179 20.0 16.4 24.6

108 19.2 13.9 20.9



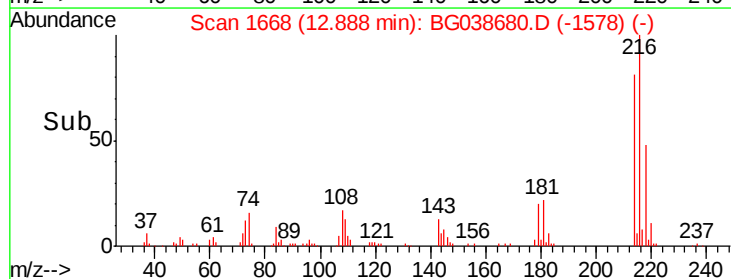
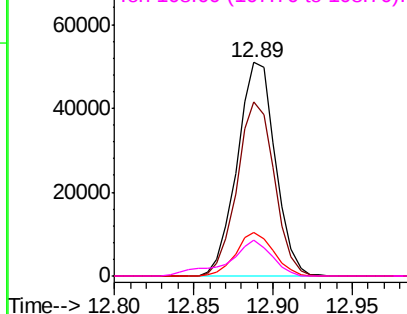
Abundance

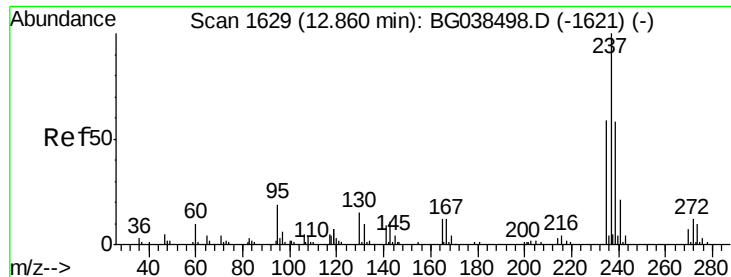
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 85.192 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

Instrument :

BNA_G

ClientSampleId :

TP-1-BMS

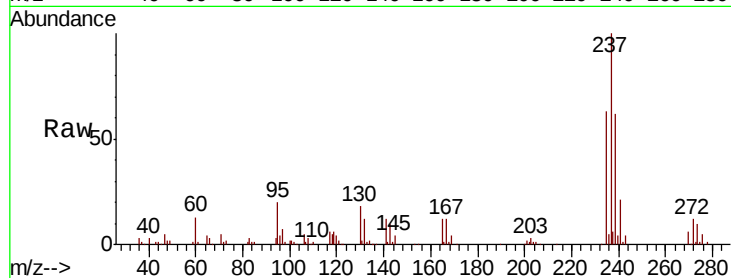
Tgt Ion:237 Resp: 91097

Ion Ratio Lower Upper

237 100

235 62.8 38.8 78.8

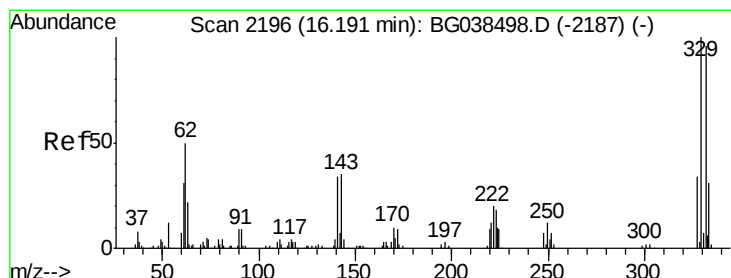
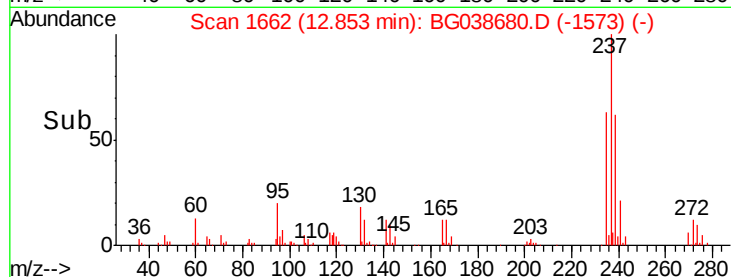
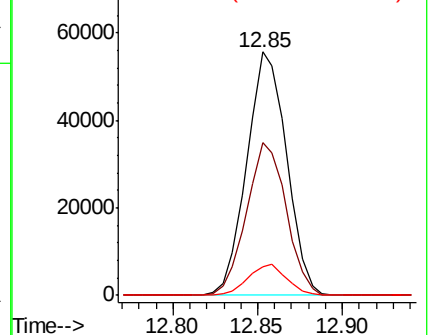
272 11.6 0.0 32.0



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: 159.833 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

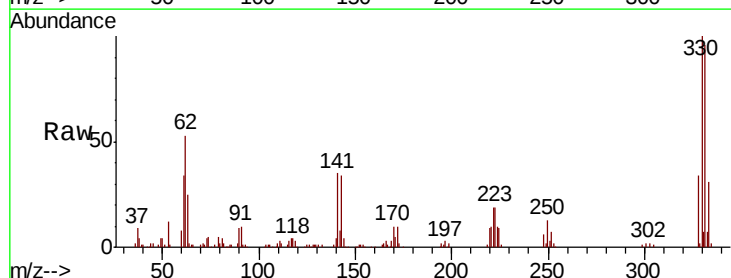
Tgt Ion:330 Resp: 114699

Ion Ratio Lower Upper

330 100

332 97.4 76.9 115.3

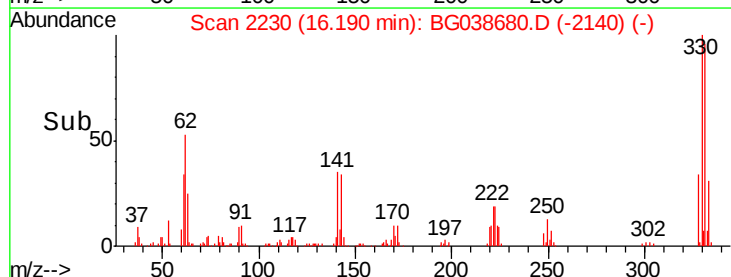
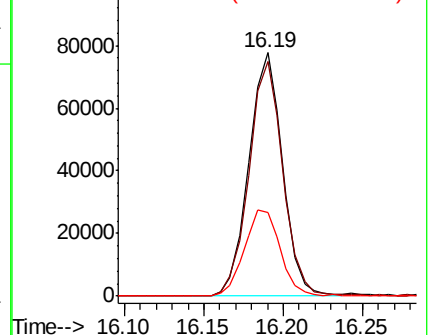
141 38.1 28.8 43.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

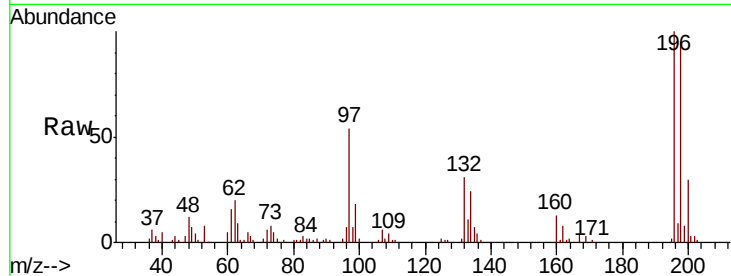




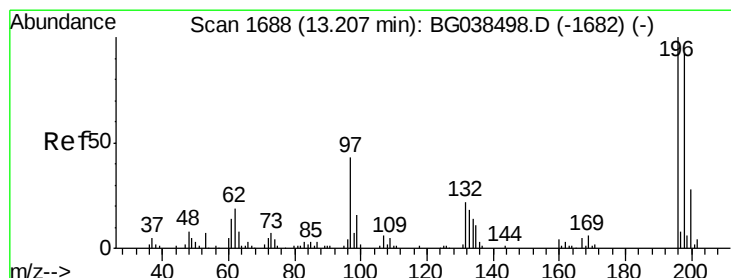
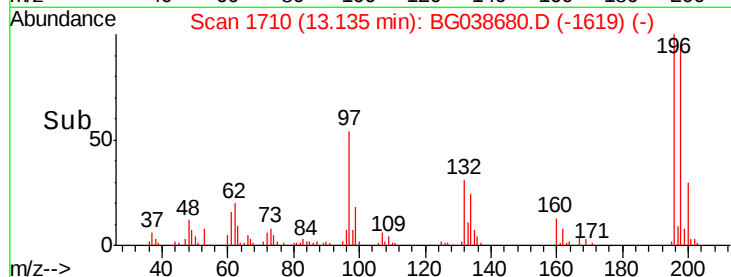
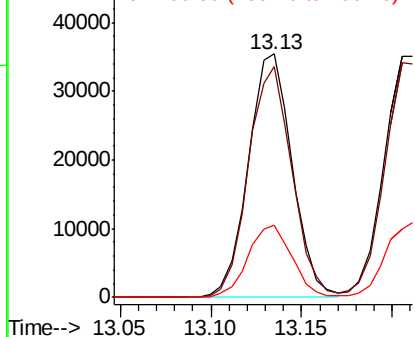
#43
 2,4,6-Trichlorophenol
 Concen: 49.699 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Instrument :
 BNA_G
 ClientSampleID :
 TP-1-BMS

Tgt Ion:196 Resp: 59477
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.0 112.4
 200 29.8 22.4 33.6



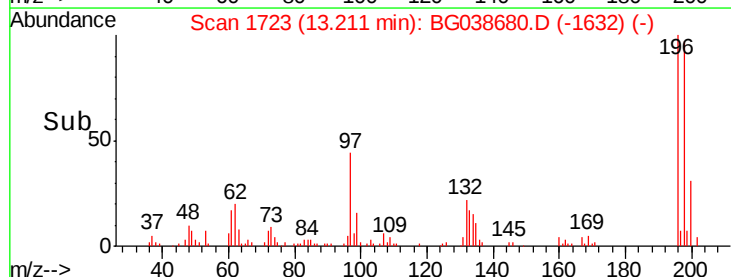
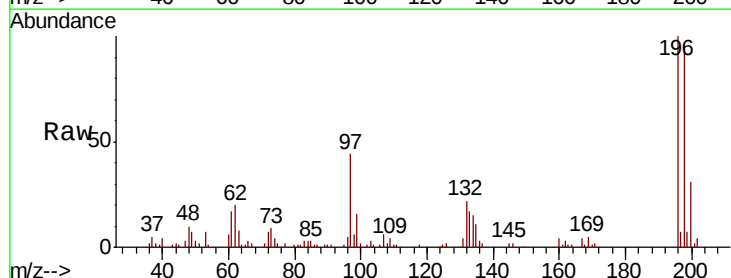
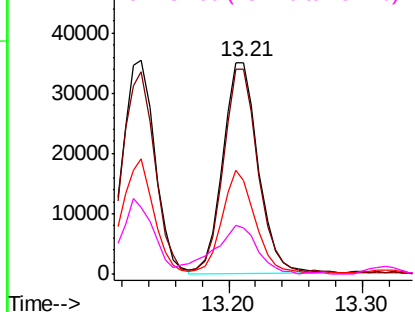
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

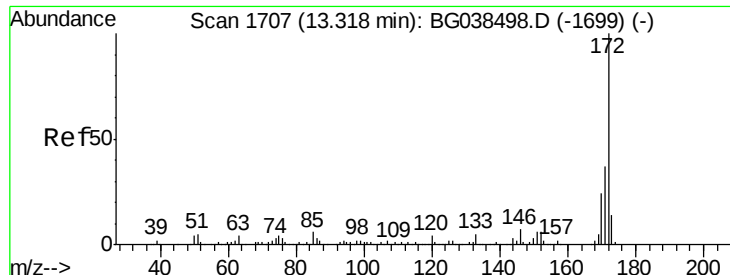


#44
 2,4,5-Trichlorophenol
 Concen: 50.883 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Tgt Ion:196 Resp: 64473
 Ion Ratio Lower Upper
 196 100
 198 96.7 74.0 111.0
 97 44.3 35.1 52.7
 132 21.8 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

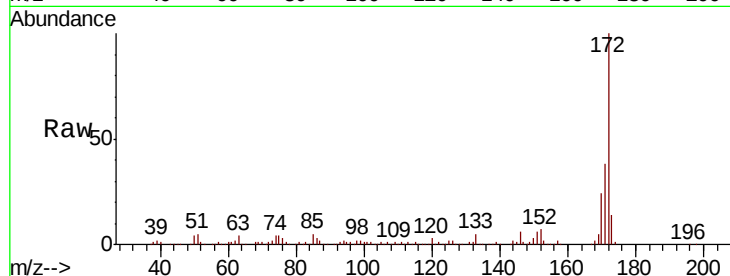




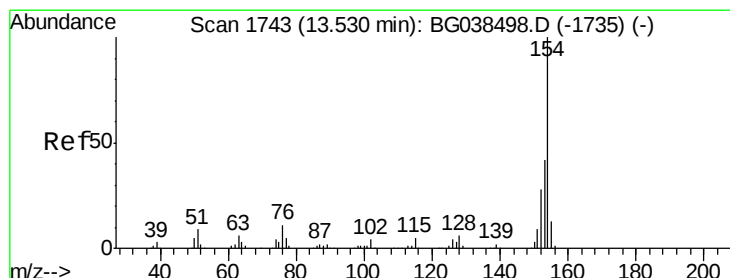
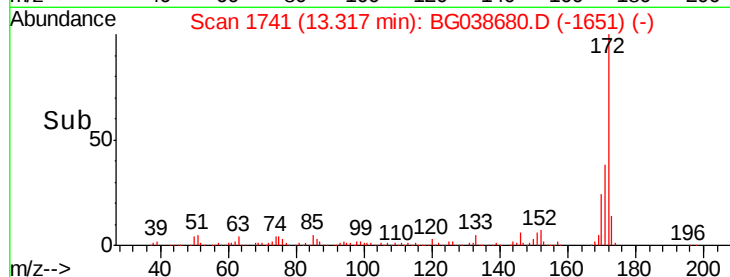
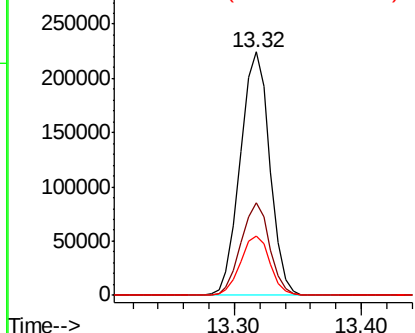
#45
 2-Fluorobiphenyl
 Concen: 95.150 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMS

Tgt Ion:172 Resp: 361153
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.8 44.6
 170 24.4 19.5 29.3

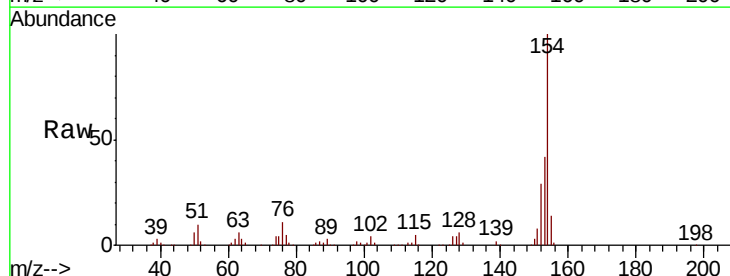


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

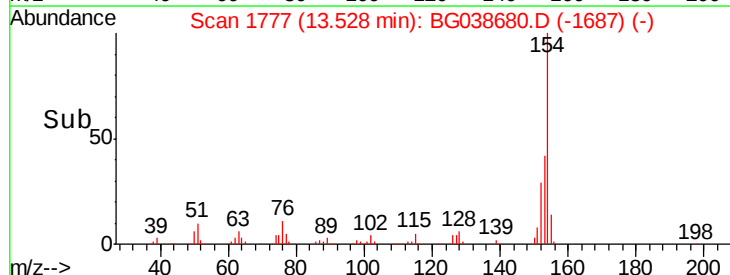
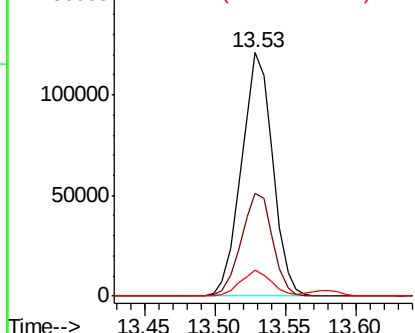


#46
 1,1'-Biphenyl
 Concen: 42.818 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Tgt Ion:154 Resp: 186905
 Ion Ratio Lower Upper
 154 100
 153 42.2 22.1 62.1
 76 10.8 0.0 31.2



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

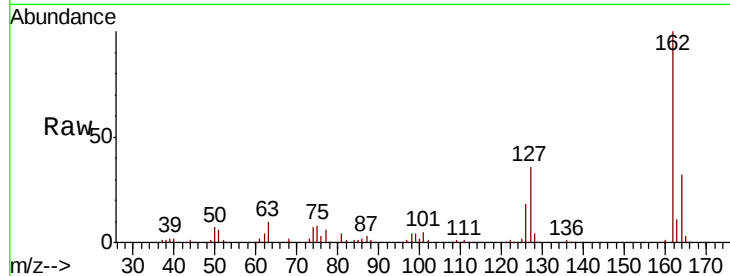




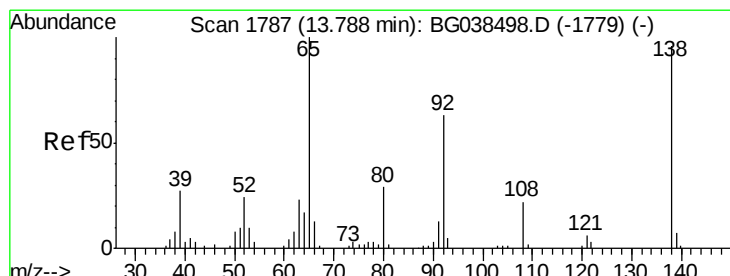
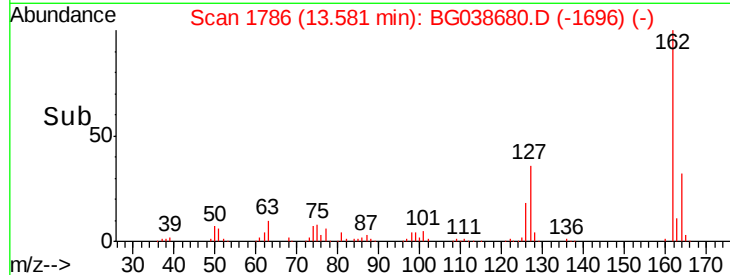
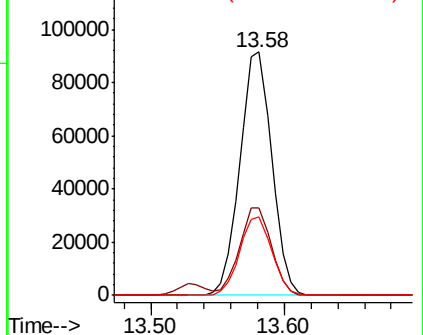
#47
 2-Chloronaphthalene
 Concen: 44.805 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMS

Tgt Ion: 162 Resp: 151077
 Ion Ratio Lower Upper
 162 100
 127 36.0 27.8 41.8
 164 32.3 26.9 40.3

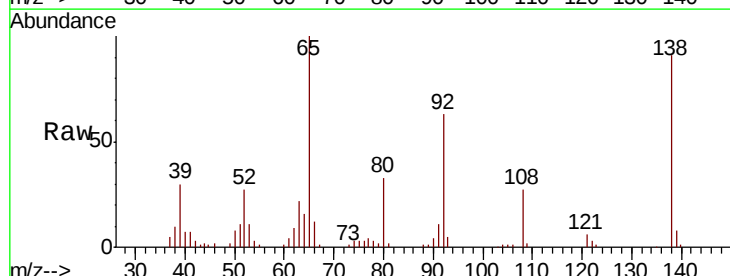


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

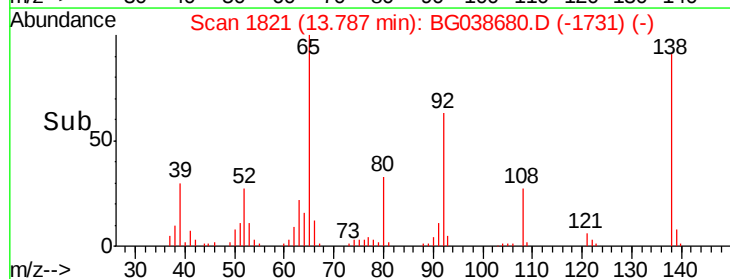
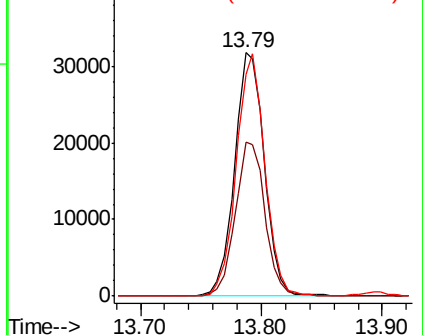


#48
 2-Nitroaniline
 Concen: 50.711 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Tgt Ion: 65 Resp: 54464
 Ion Ratio Lower Upper
 65 100
 92 63.0 50.0 75.0
 138 91.2 76.9 115.3



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





#49

Acenaphthylene

Concen: 49.566 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

Instrument :

BNA_G

ClientSampleId :

TP-1-BMS

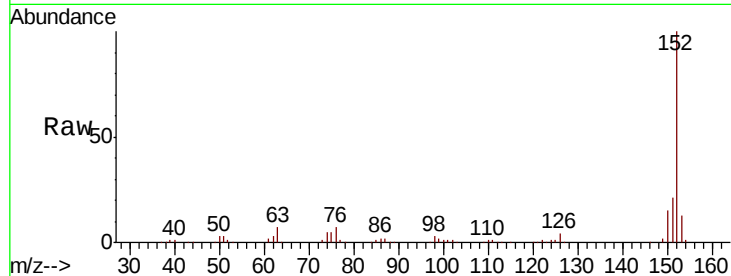
Tgt Ion:152 Resp: 249849

Ion Ratio Lower Upper

152 100

151 20.9 16.4 24.6

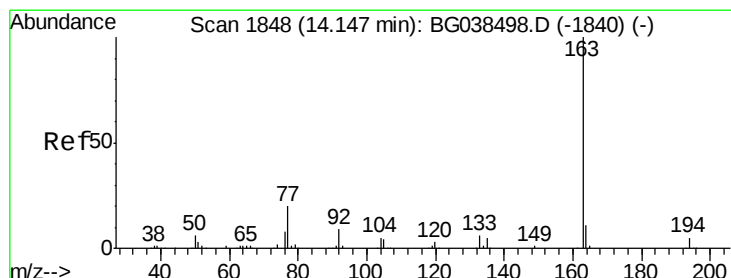
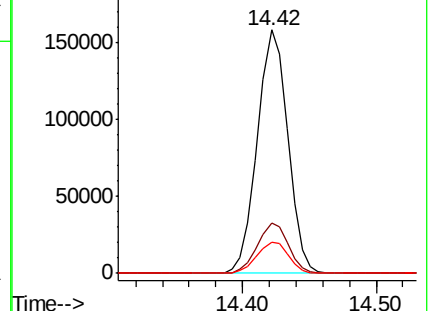
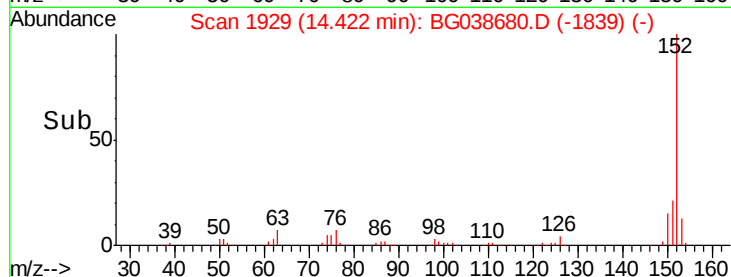
153 12.9 10.4 15.6



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: 48.409 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

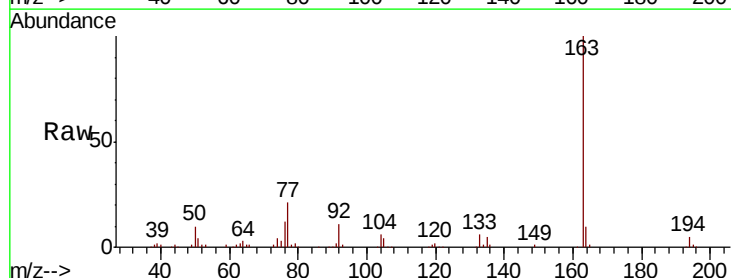
Tgt Ion:163 Resp: 205846

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

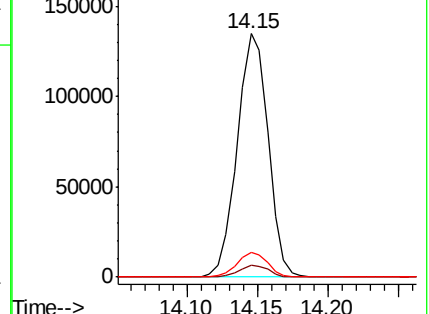
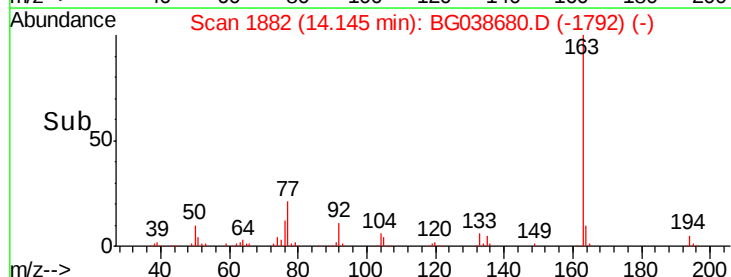
164 10.2 8.6 12.8



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

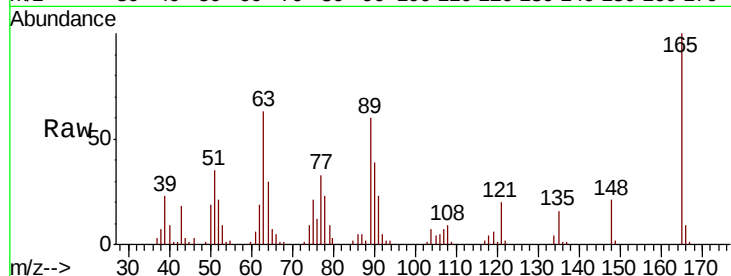




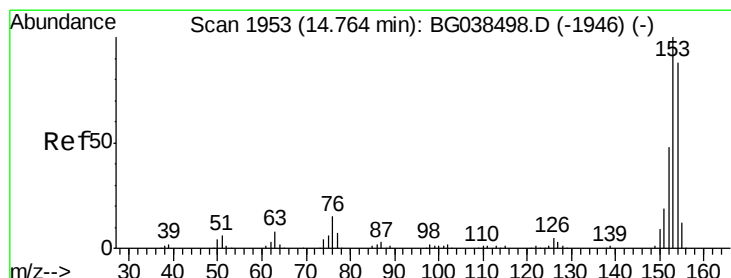
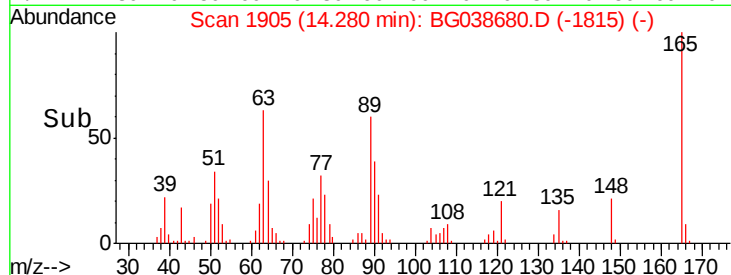
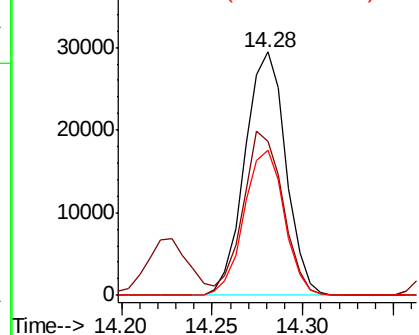
#51
 2,6-Dinitrotoluene
 Concen: 47.928 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.0	51.8	77.6
89	59.7	47.9	71.9

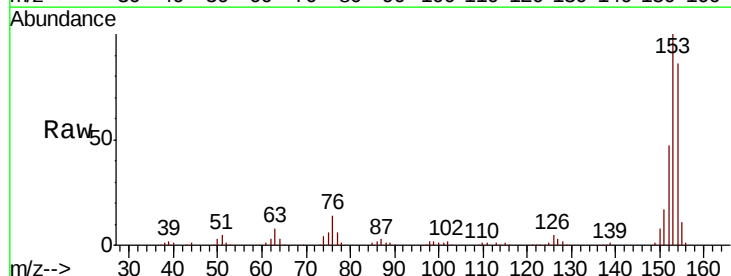


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

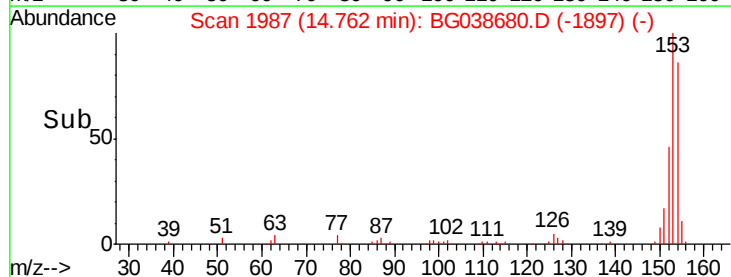
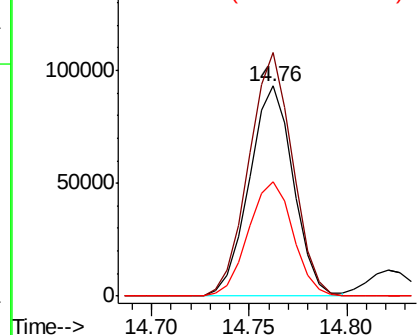


#52
 Acenaphthene
 Concen: 48.277 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.0	90.6	136.0
152	54.3	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

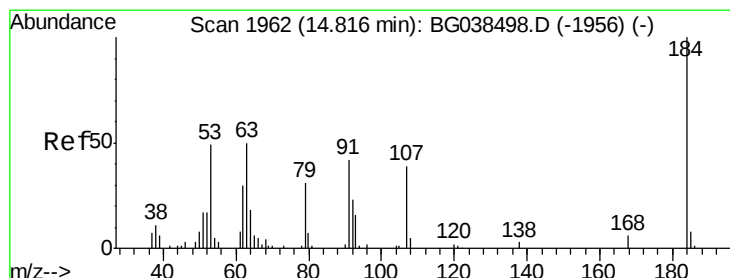
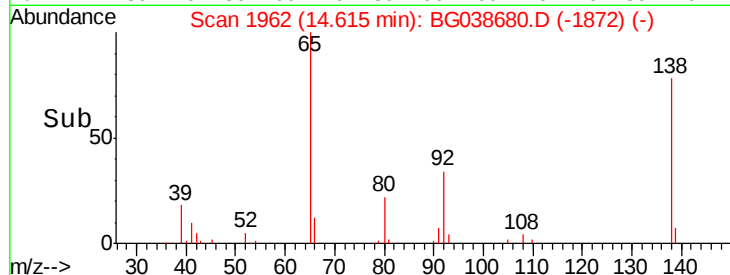
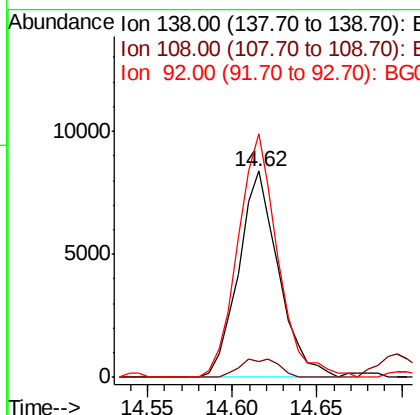
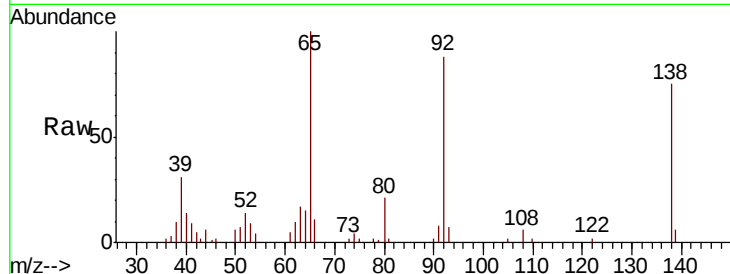




#53
 3-Nitroaniline
 Concen: 14.056 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

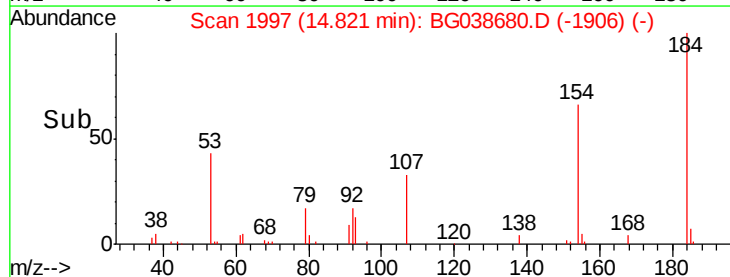
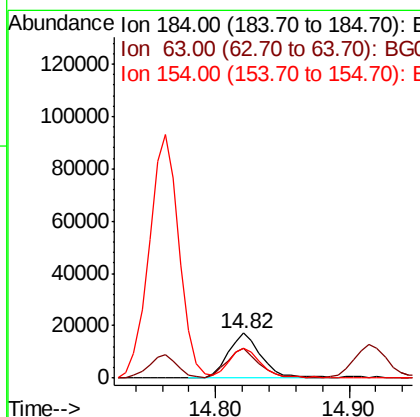
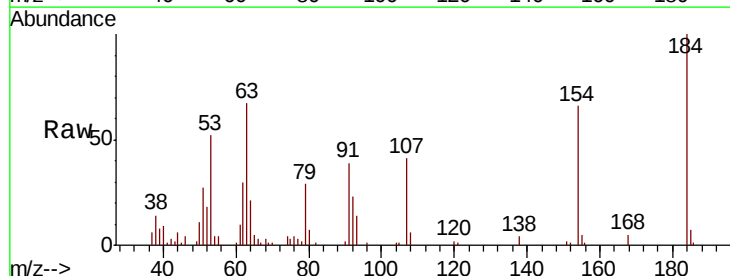
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMS

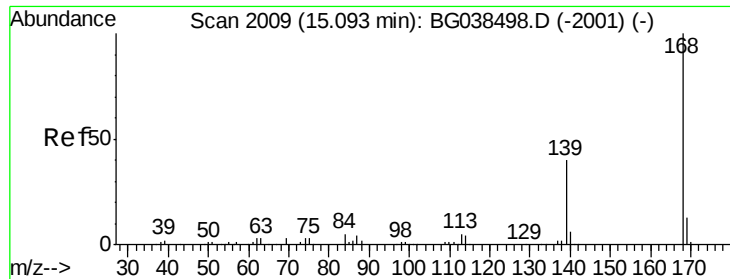
Tgt Ion:138 Resp: 13807
 Ion Ratio Lower Upper
 138 100
 108 7.8 7.9 11.9#
 92 118.0 95.3 142.9



#54
 2,4-Dinitrophenol
 Concen: 53.524 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Tgt Ion:184 Resp: 29637
 Ion Ratio Lower Upper
 184 100
 63 67.4 47.0 70.6
 154 65.9 50.3 75.5

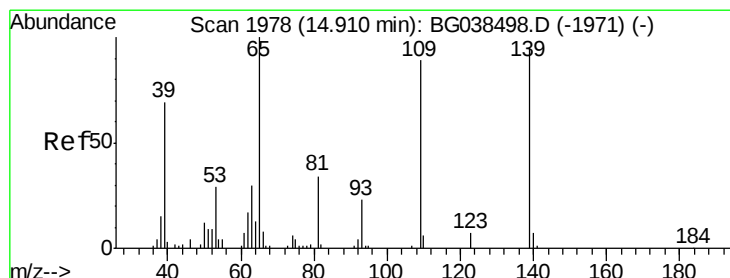
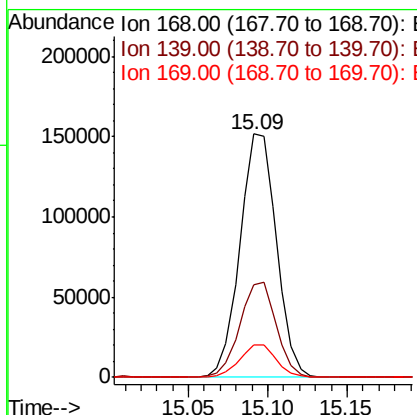
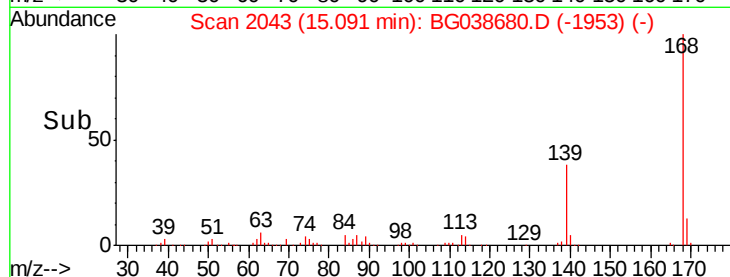
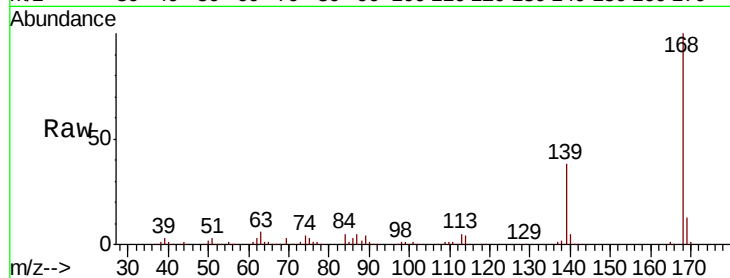




#55
Dibenzenofuran
Concen: 46.806 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

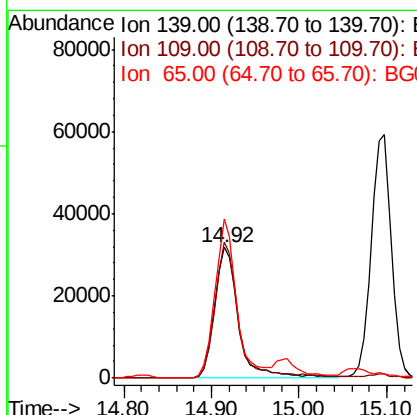
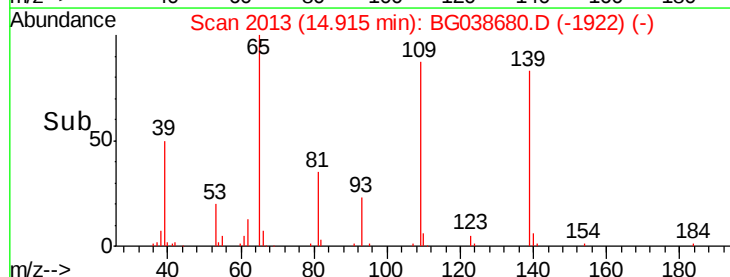
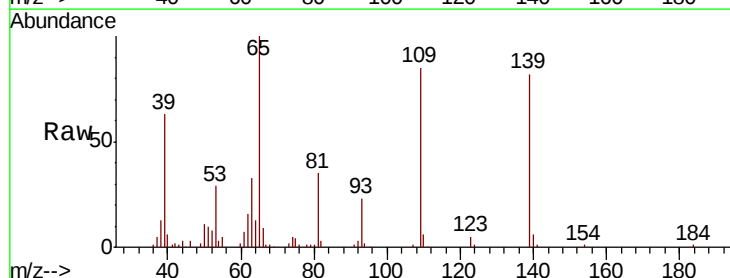
Instrument :
BNA_G
ClientSampleId :
TP-1-BMS

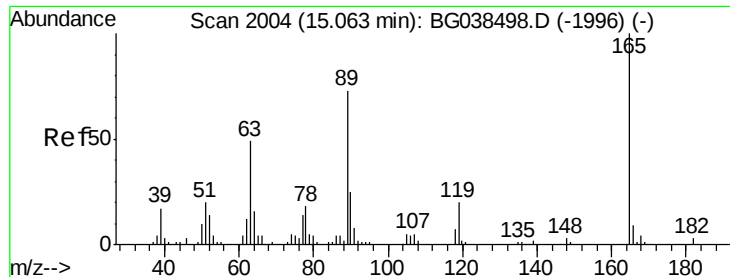
Tgt Ion	Resp	Lower	Upper
168	241836		
139	38.1	32.2	48.2
169	13.5	10.6	16.0



#56
4-Nitrophenol
Concen: 82.656 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

Tgt Ion	Resp	Lower	Upper
139	61595		
109	104.6	73.6	113.6
65	122.4	84.8	124.8

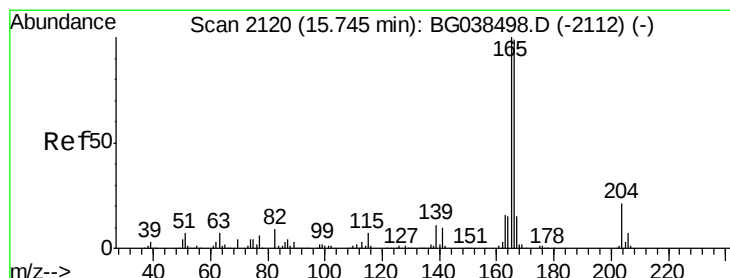
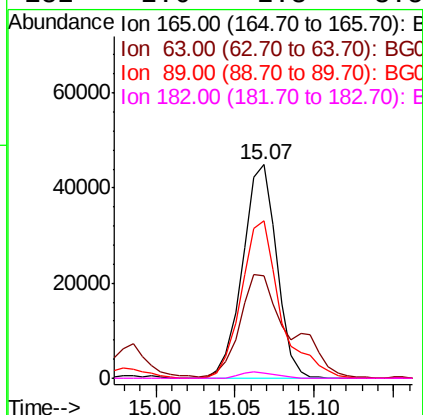
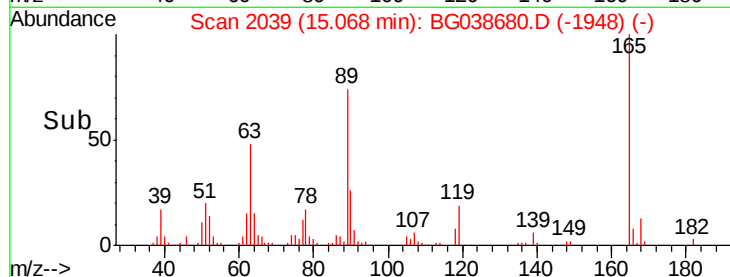
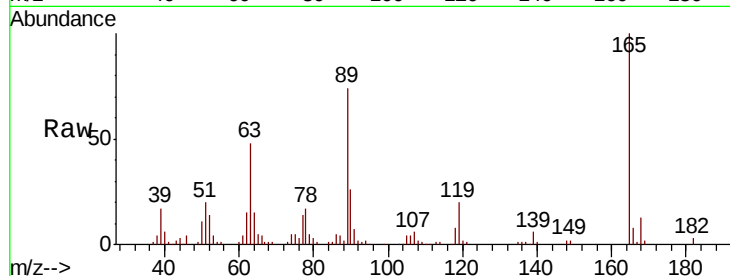




#57
2,4-Dinitrotoluene
Concen: 49.369 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

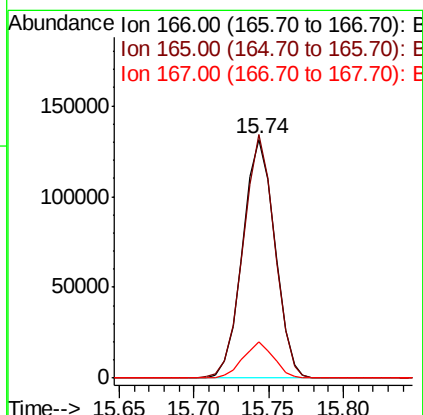
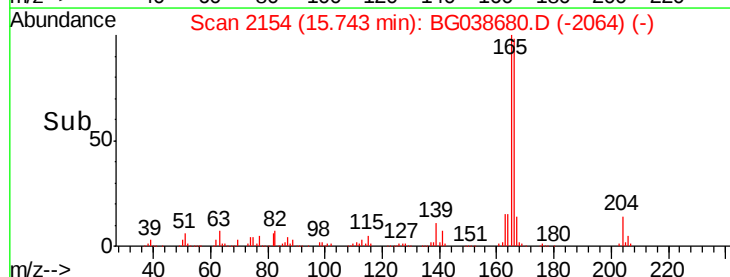
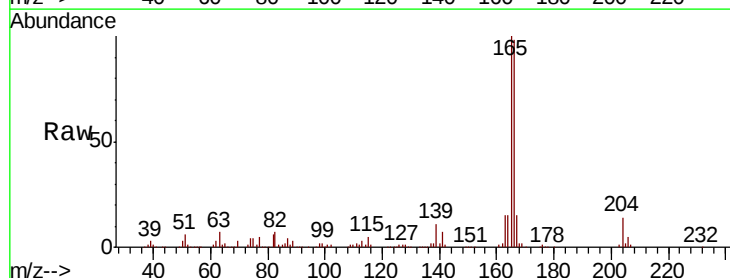
Instrument :
BNA_G
ClientSampleId :
TP-1-BMS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.9	39.0	58.4
89	73.8	58.0	87.0
182	2.6	2.3	3.5



#58
Fluorene
Concen: 51.390 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.8	80.6	120.8
167	14.9	12.0	18.0

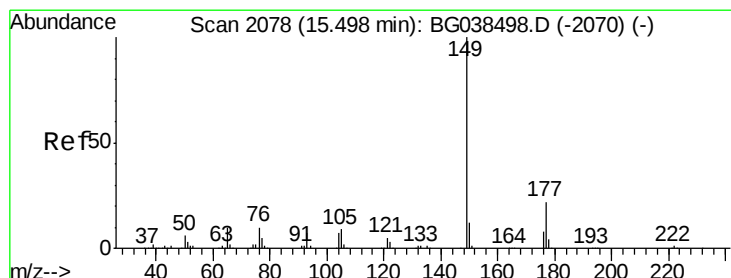
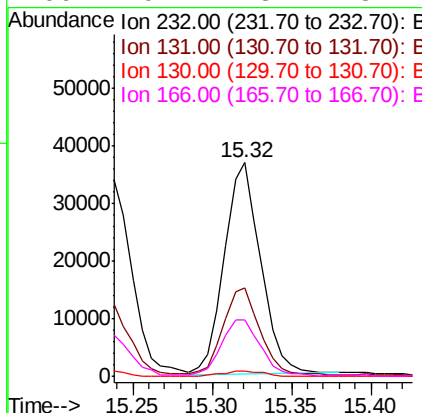
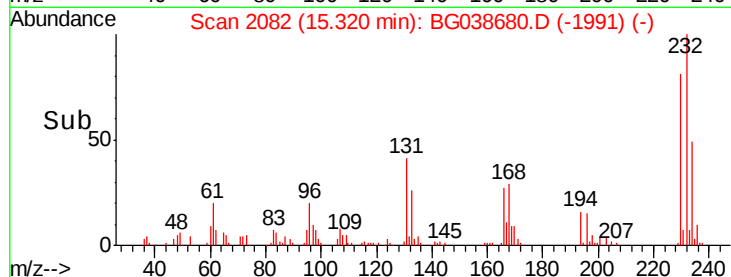
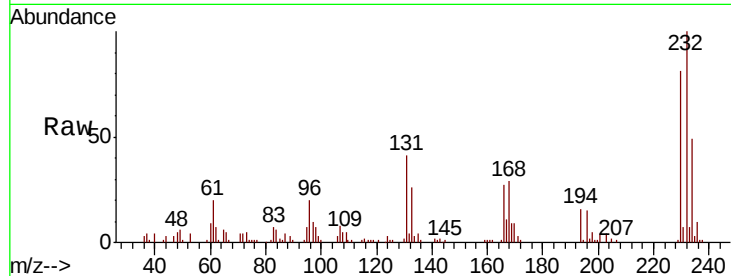




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.119 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

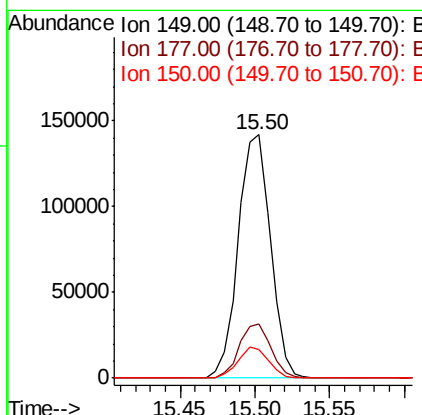
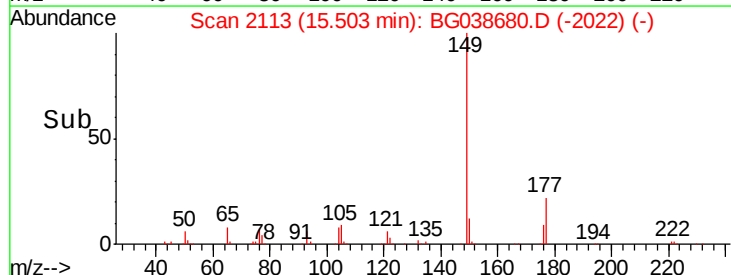
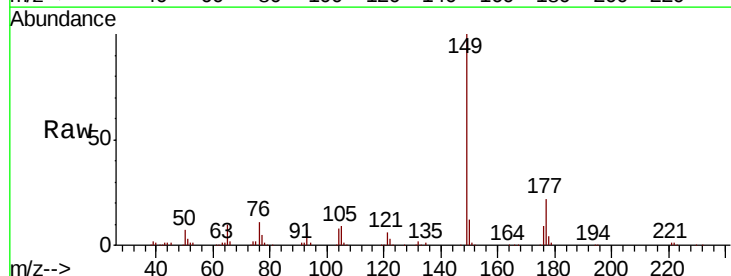
Instrument :
BNA_G
ClientSampled :
TP-1-BMS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.4	33.0	49.4
130	2.6	2.0	3.0
166	29.1	23.1	34.7



#60
Diethylphthalate
Concen: 45.526 ng
RT: 15.50 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.7	26.5
150	11.9	9.9	14.9

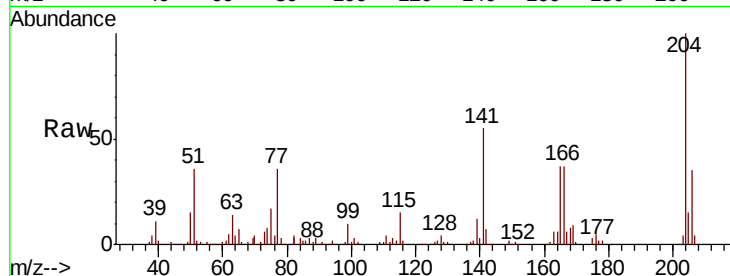




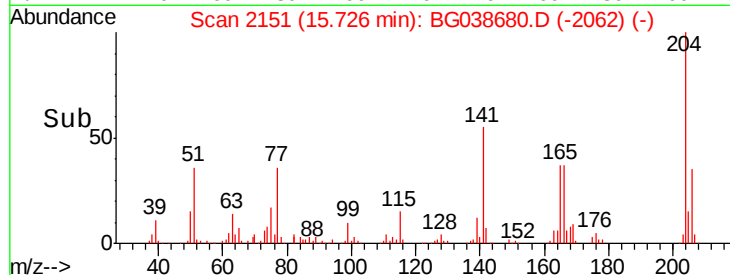
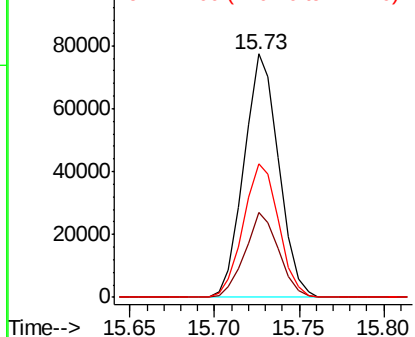
#61
 4-Chlorophenyl-phenylether
 Concen: 46.258 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMS

Tgt Ion: 204 Resp: 110483
 Ion Ratio Lower Upper
 204 100
 206 34.7 26.0 39.0
 141 54.8 44.4 66.6

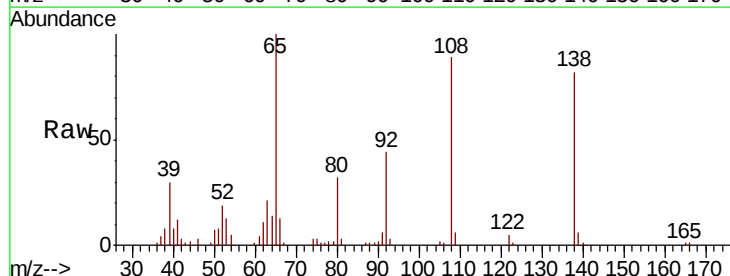


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

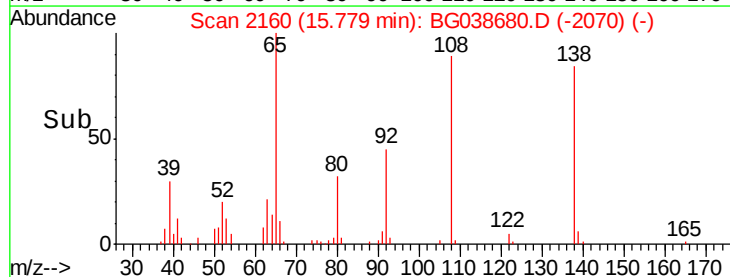
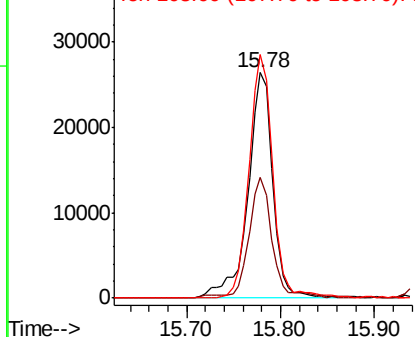


#62
 4-Nitroaniline
 Concen: 47.748 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Tgt Ion: 138 Resp: 48287
 Ion Ratio Lower Upper
 138 100
 92 53.6 33.3 73.3
 108 107.9 81.4 121.4



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

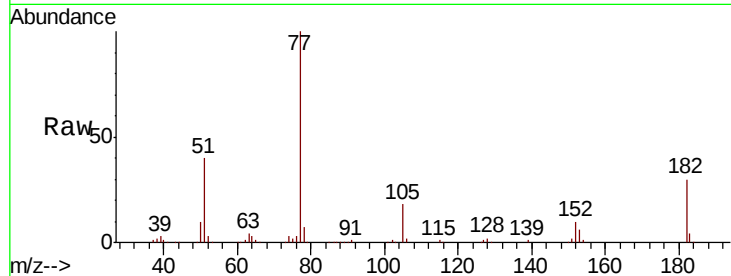




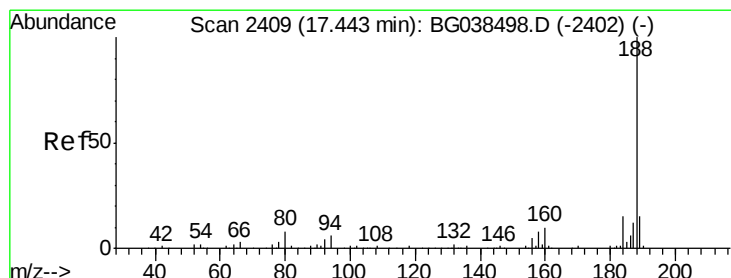
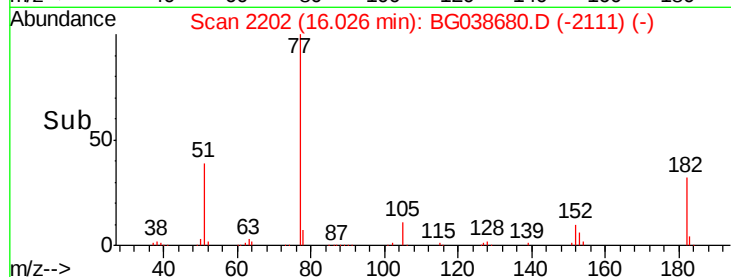
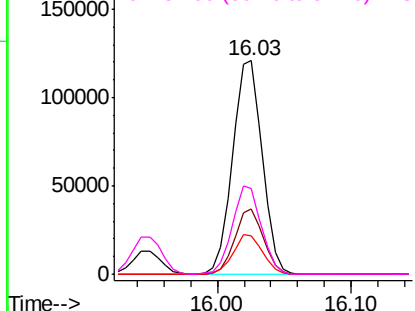
#63
Azobenzene
Concen: 47.896 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

Instrument :
BNA_G
ClientSampleId :
TP-1-BMS

Tgt Ion: 77 Resp: 186775
Ion Ratio Lower Upper
77 100
182 30.4 8.7 48.7
105 18.1 0.0 38.7
51 39.9 16.6 56.6

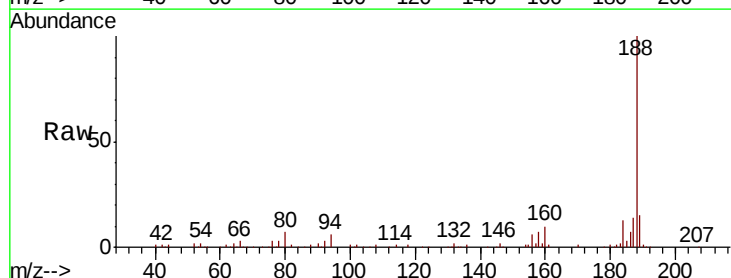


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

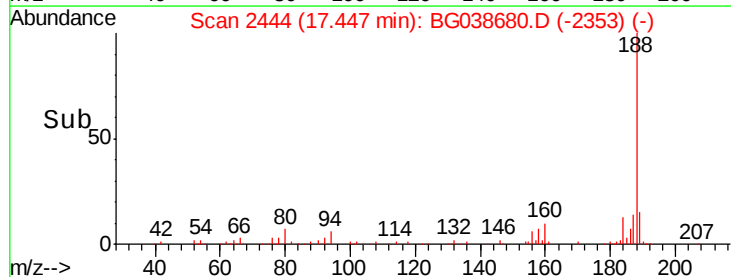
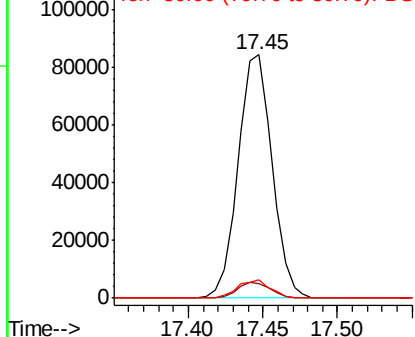


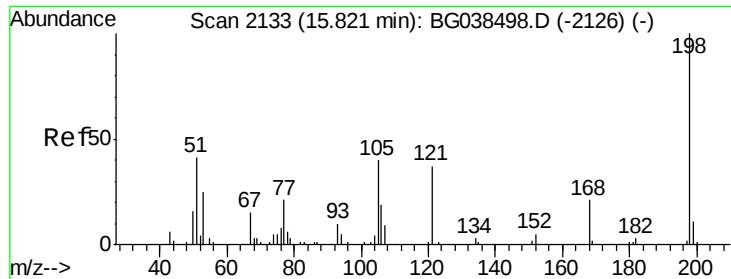
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

Tgt Ion: 188 Resp: 132842
Ion Ratio Lower Upper
188 100
94 5.9 5.1 7.7
80 7.4 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

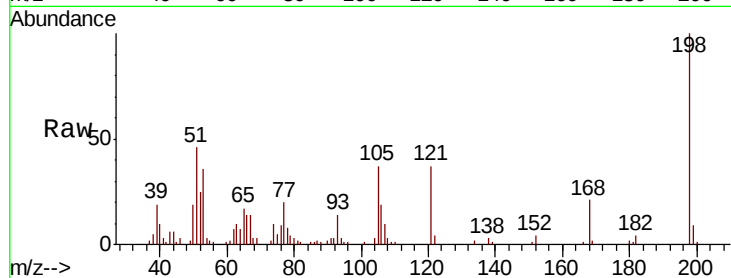




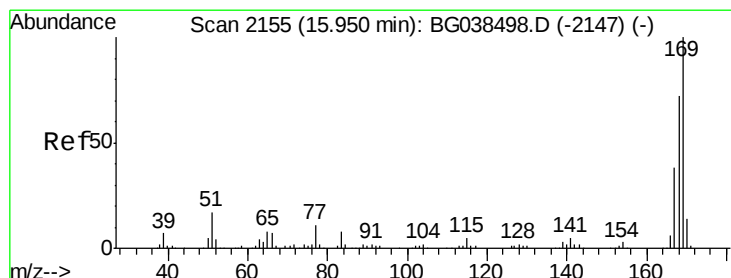
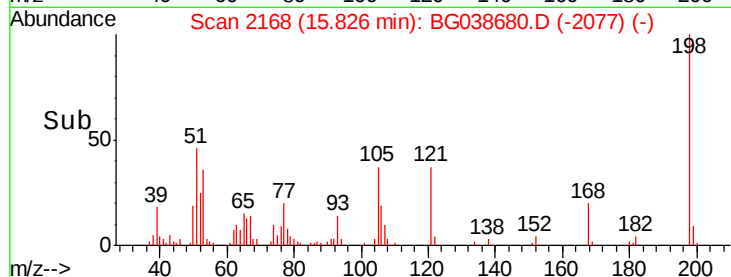
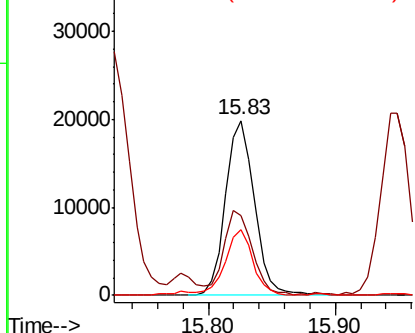
#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.023 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMS

Tgt Ion:198 Resp: 31294
 Ion Ratio Lower Upper
 198 100
 51 45.8 28.6 68.6
 105 37.4 20.4 60.4

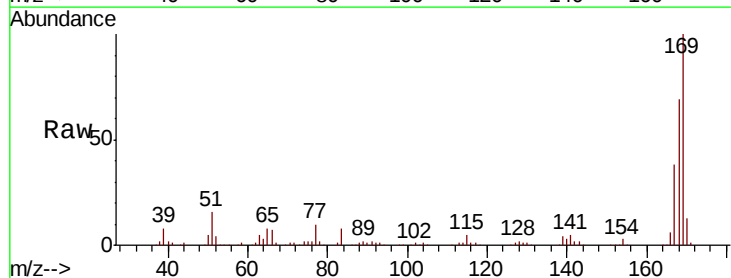


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

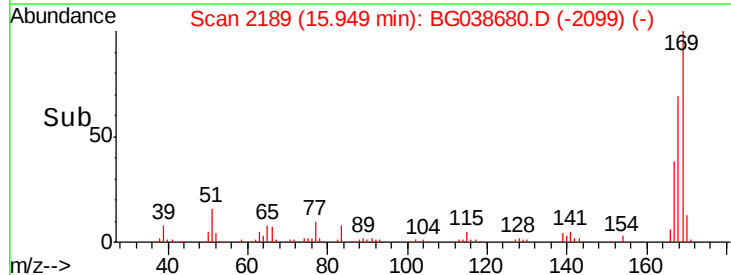
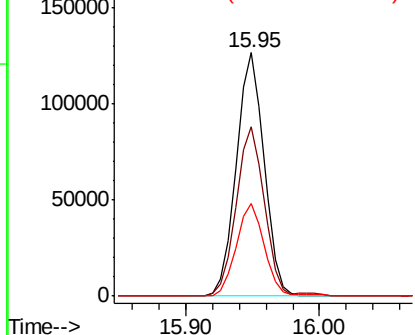


#66
 n-Nitrosodiphenylamine
 Concen: 46.710 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Tgt Ion:169 Resp: 182319
 Ion Ratio Lower Upper
 169 100
 168 69.4 57.5 86.3
 167 38.0 30.2 45.2



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

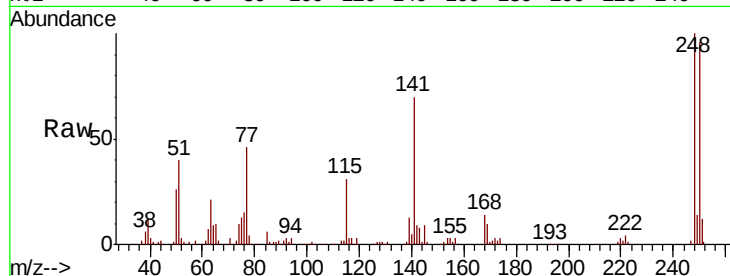




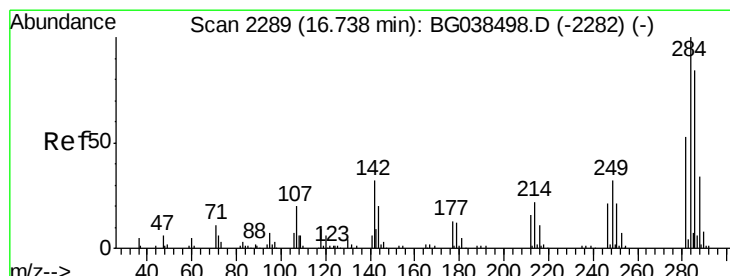
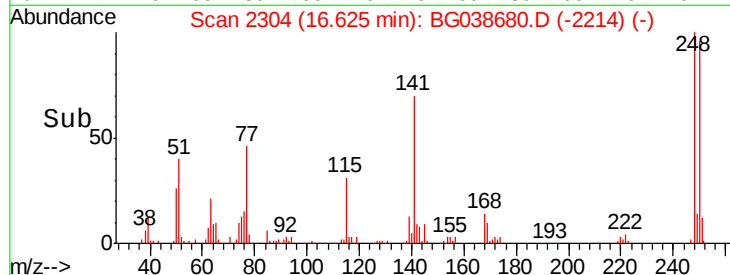
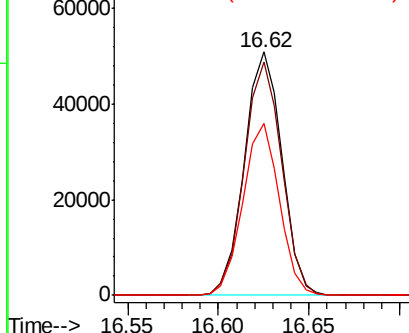
#67
 4-Bromophenyl-phenylether
 Concen: 45.468 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMS

Tgt Ion:248 Resp: 73766
 Ion Ratio Lower Upper
 248 100
 250 95.7 73.4 110.2
 141 70.4 52.9 79.3

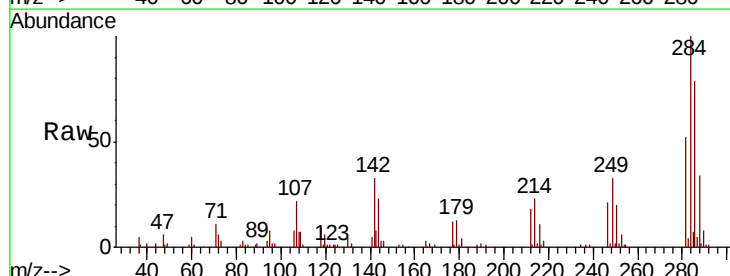


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

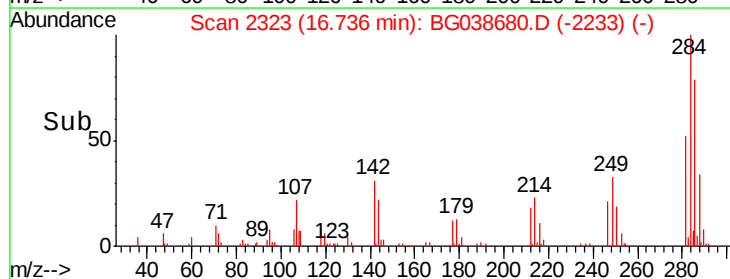
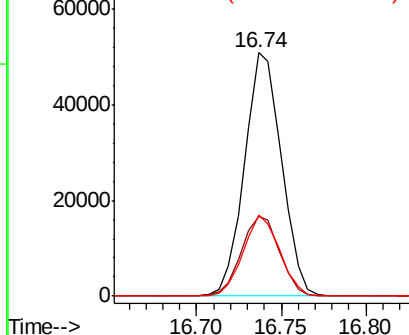


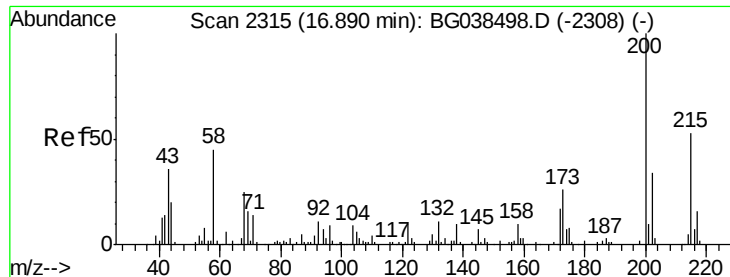
#68
 Hexachlorobenzene
 Concen: 46.257 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Tgt Ion:284 Resp: 77795
 Ion Ratio Lower Upper
 284 100
 142 32.9 25.8 38.6
 249 35.2 27.0 40.4



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

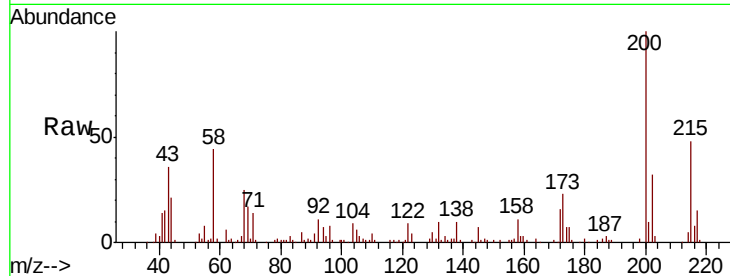




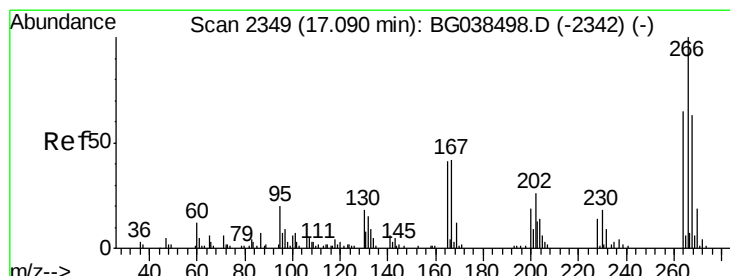
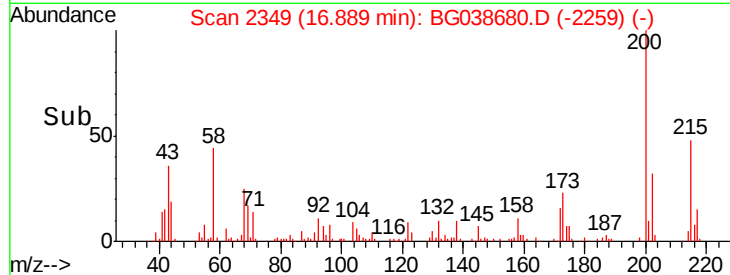
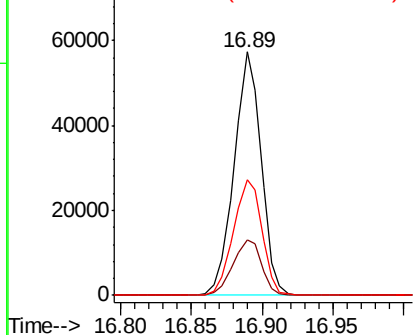
#69
 Atrazine
 Concen: 52.906 ng
 RT: 16.89 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMS

Tgt Ion:200 Resp: 76635
 Ion Ratio Lower Upper
 200 100
 173 22.9 5.9 45.9
 215 47.6 33.1 73.1

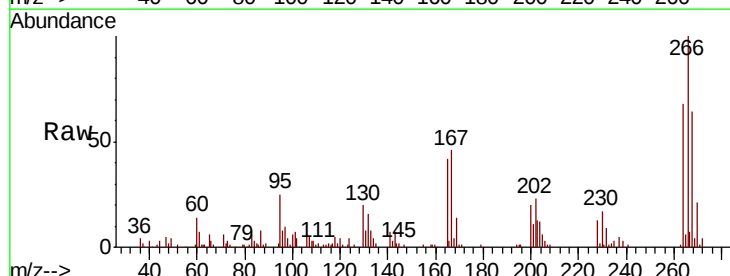


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

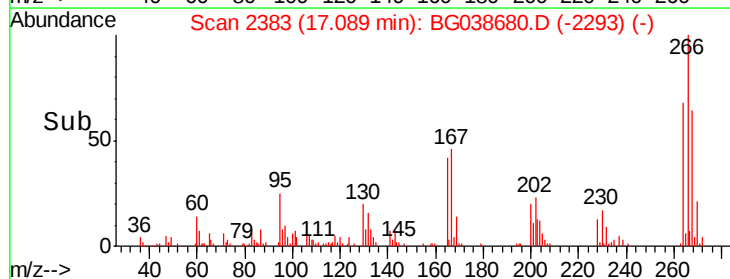
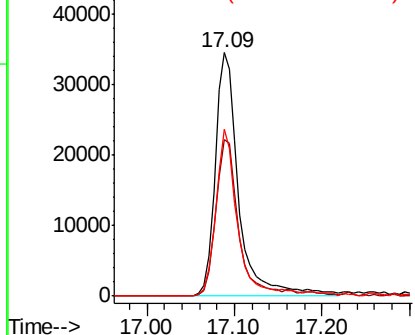


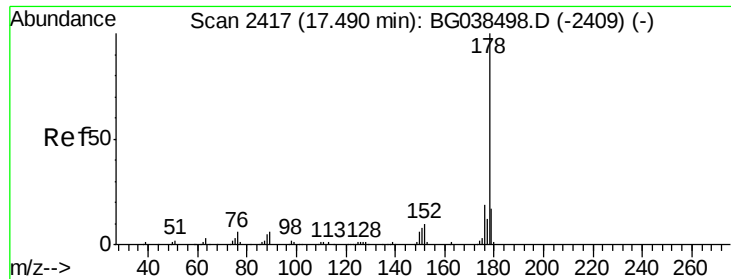
#70
 Pentachlorophenol
 Concen: 65.143 ng
 RT: 17.09 min Scan# 2383
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Tgt Ion:266 Resp: 64801
 Ion Ratio Lower Upper
 266 100
 268 68.7 55.0 82.6
 264 73.8 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

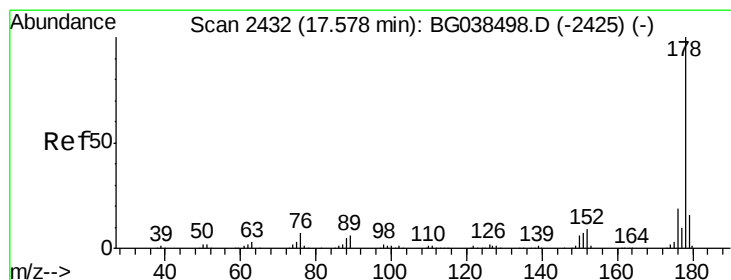
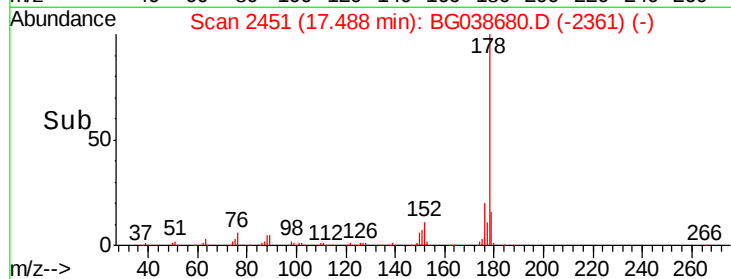
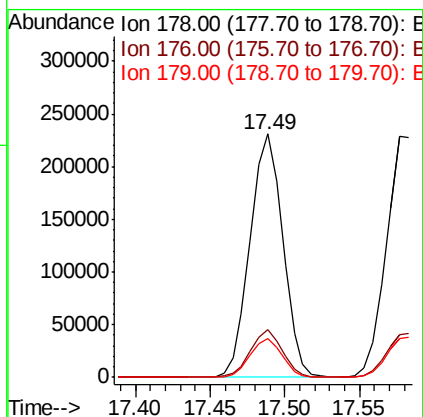
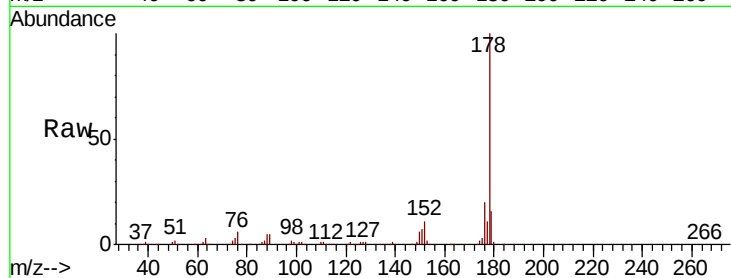




#71
Phenanthrene
Concen: 51.147 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

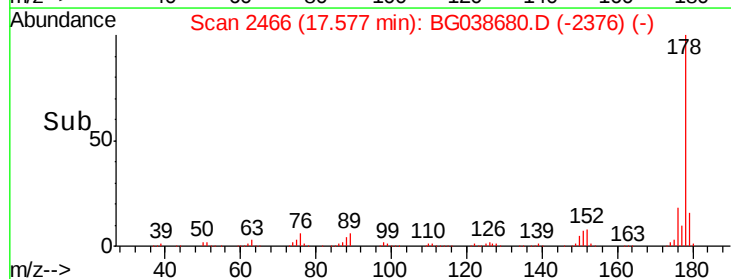
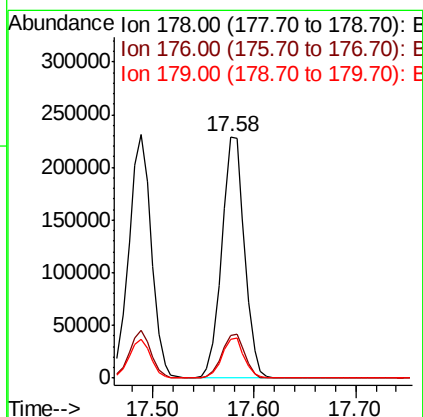
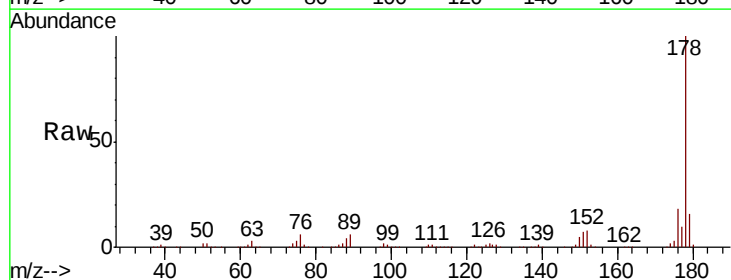
Instrument :
BNA_G
ClientSampleId :
TP-1-BMS

Tgt Ion:178 Resp: 352337
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 15.8 13.2 19.8



#72
Anthracene
Concen: 52.420 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

Tgt Ion:178 Resp: 356489
Ion Ratio Lower Upper
178 100
176 17.7 15.1 22.7
179 15.9 12.9 19.3

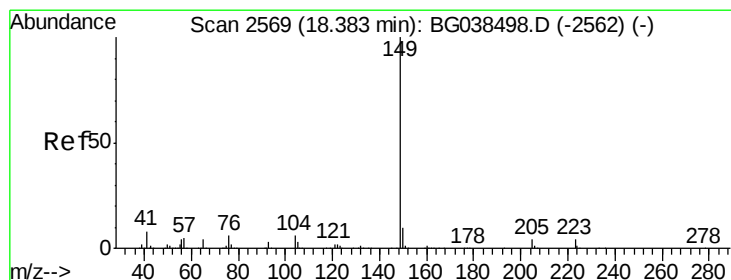
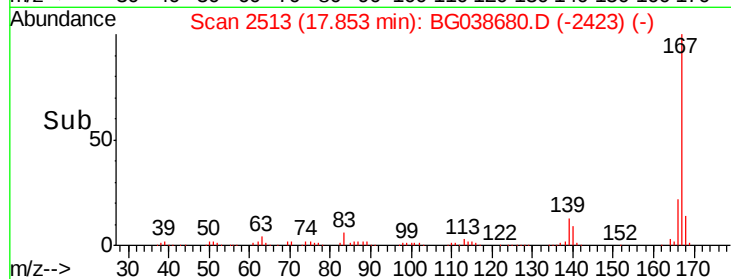
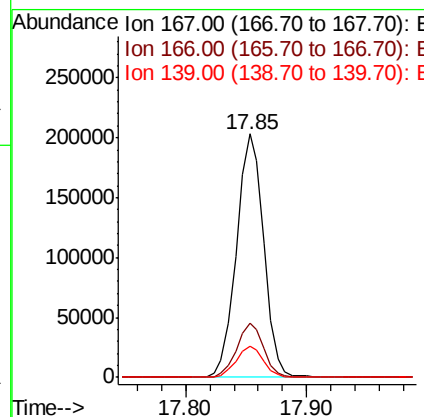
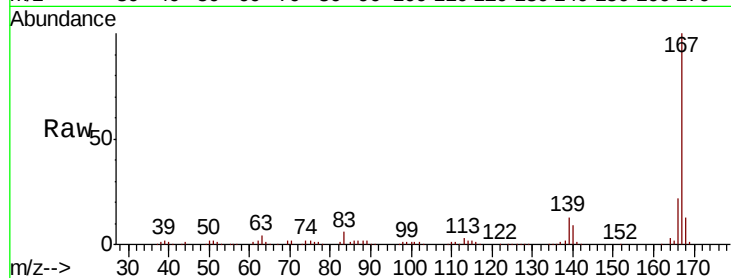




#73
 Carbazole
 Concen: 47.364 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

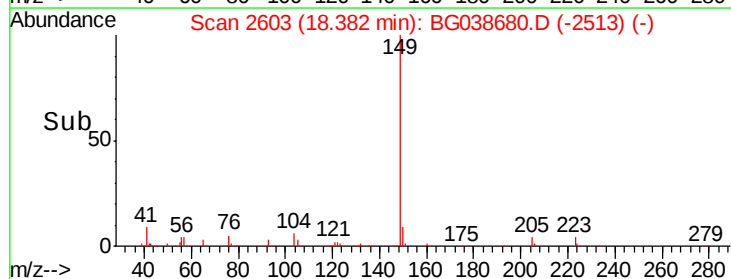
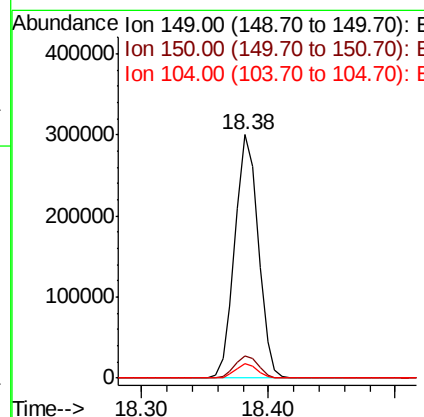
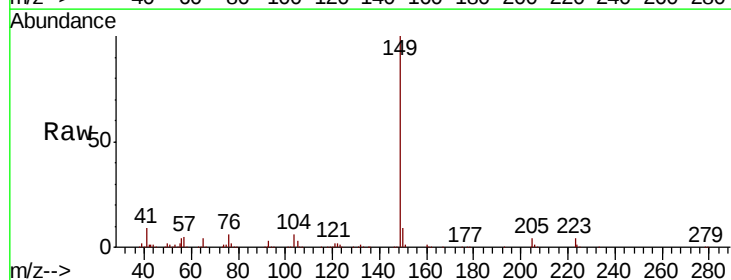
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.9	26.9
139	12.7	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 49.402 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	5.7	5.0	7.4

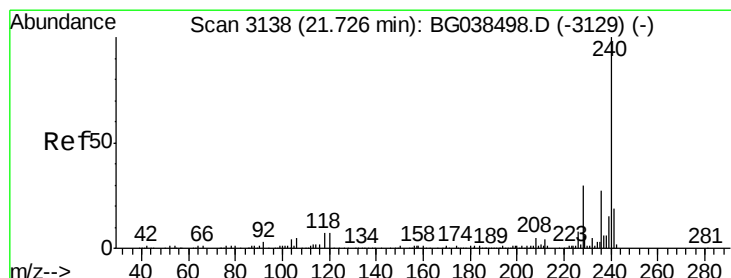
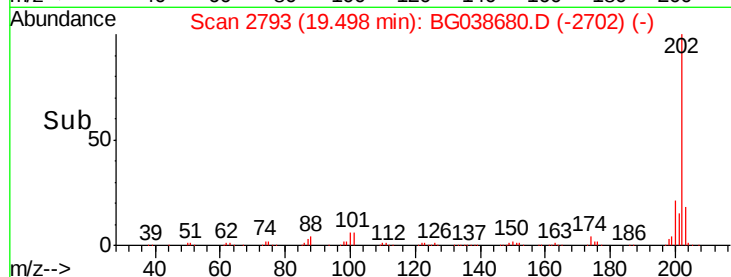
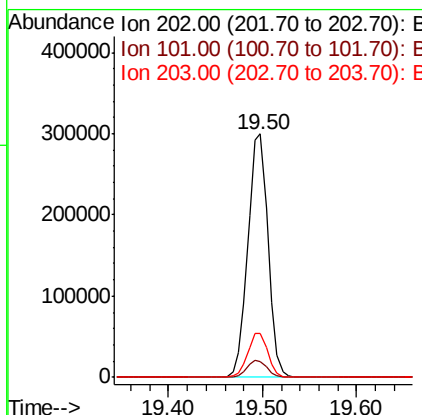
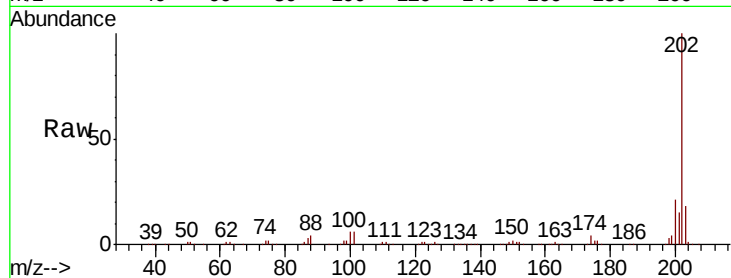




#75
 Fluoranthene
 Concen: 52.269 ng
 RT: 19.50 min Scan# 2793
 Delta R.T. 0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

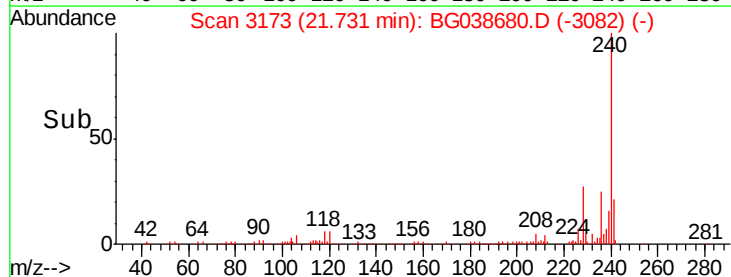
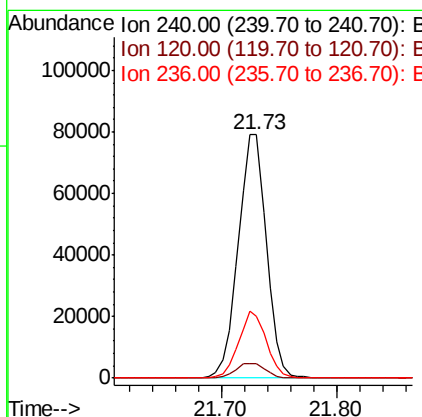
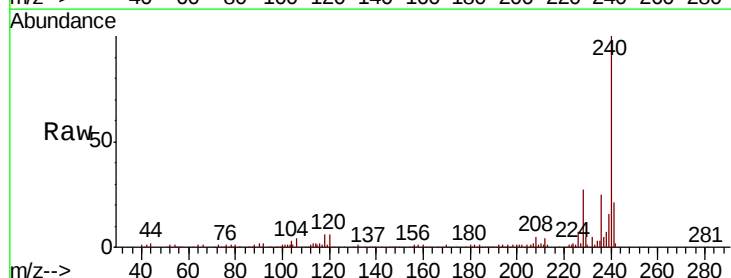
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMS

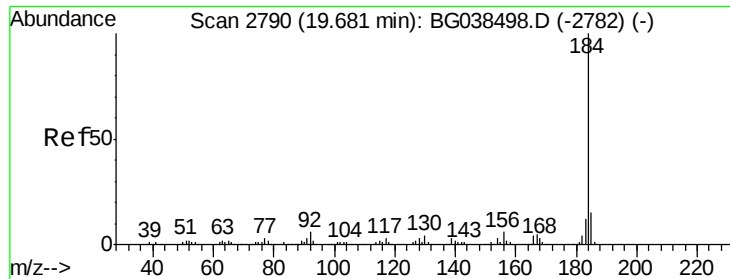
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	445499		
101	6.5	0.0	28.1	
203	17.9	0.0	39.0	



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: BG038680.D
 Acq: 18 Dec 2018 2:57

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	134353		
120	5.7	5.3	7.9	
236	25.2	21.4	32.2	





#77

Benzidine

Concen: 19.650 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

Instrument :

BNA_G

ClientSampleId :

TP-1-BMS

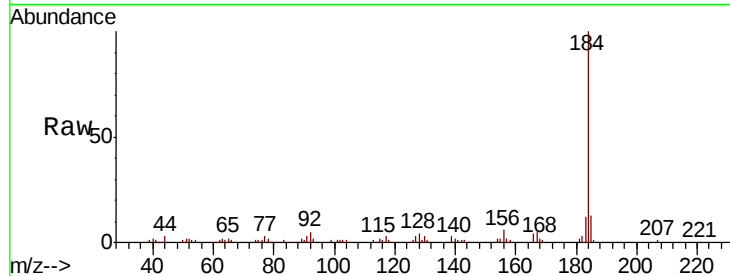
Tgt Ion:184 Resp: 78077

Ion Ratio Lower Upper

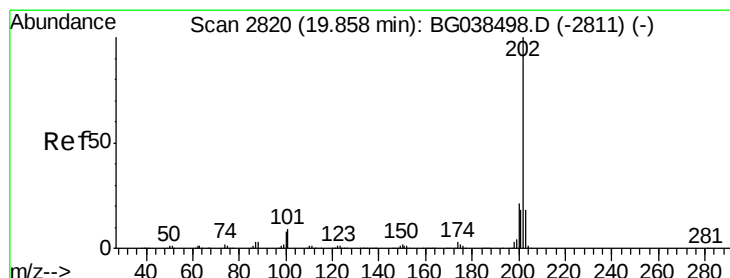
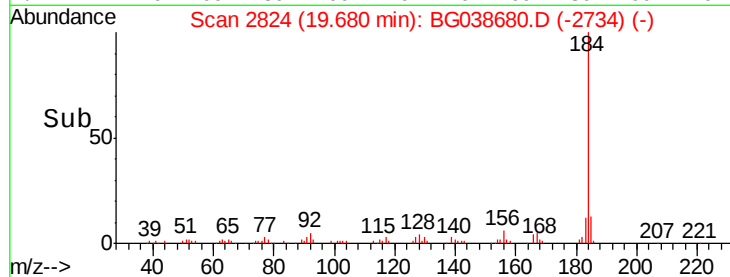
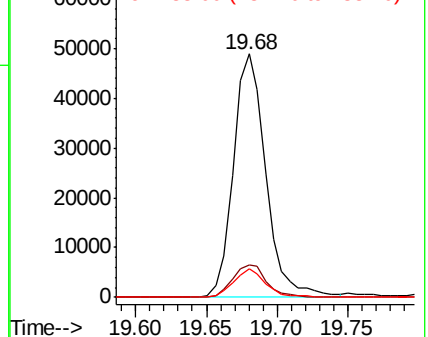
184 100

185 13.3 12.2 18.2

183 11.7 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: 49.798 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

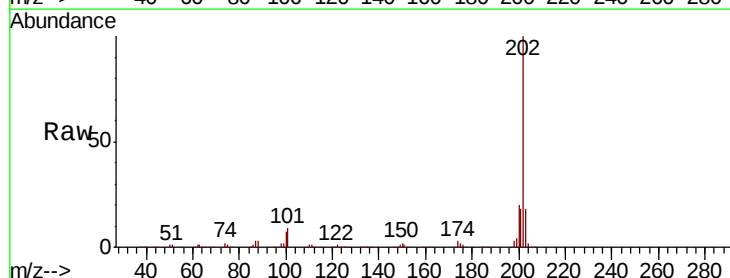
Tgt Ion:202 Resp: 441991

Ion Ratio Lower Upper

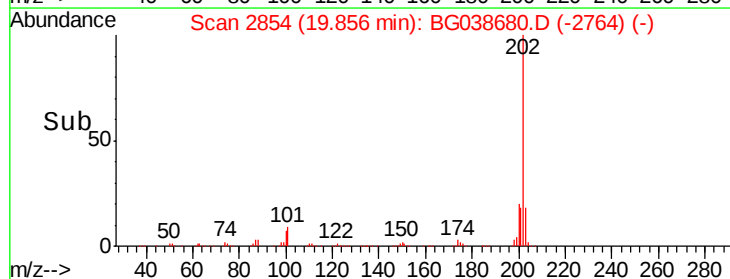
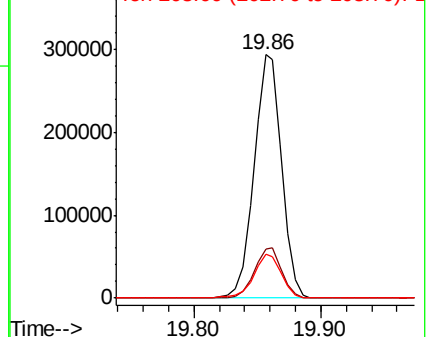
202 100

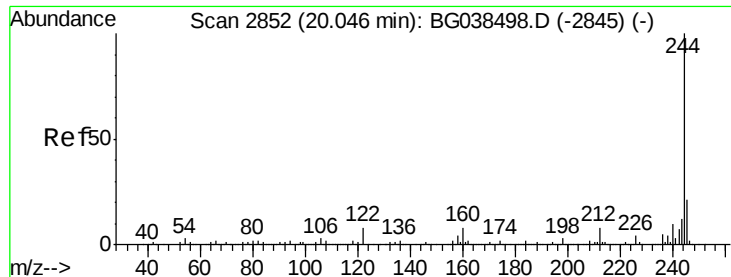
200 20.2 16.6 25.0

203 17.8 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: 113.378 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

Instrument :

BNA_G

ClientSampleId :

TP-1-BMS

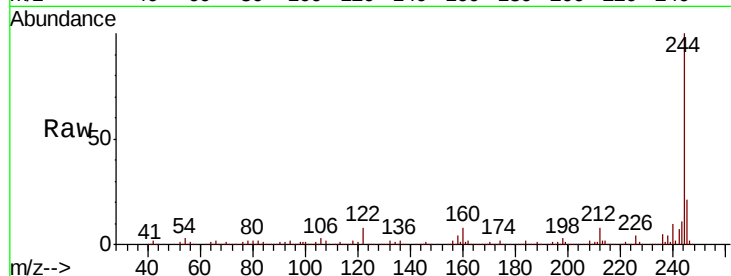
Tgt Ion:244 Resp: 699922

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

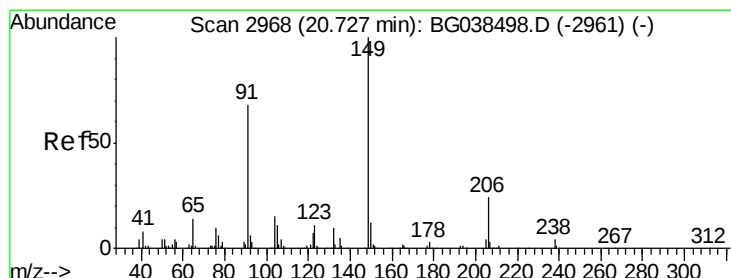
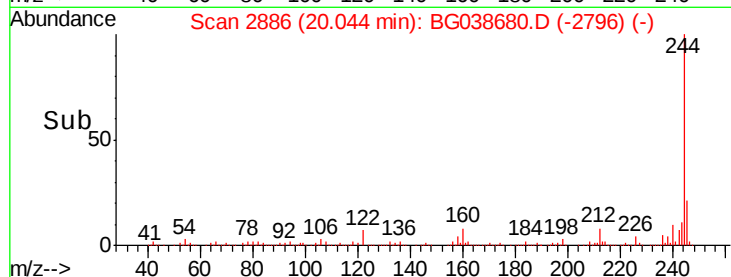
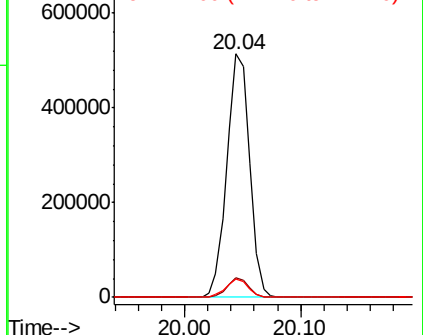
122 7.5 6.3 9.5



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: 49.389 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

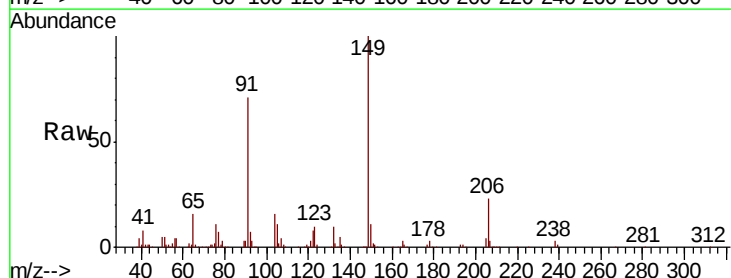
Tgt Ion:149 Resp: 171262

Ion Ratio Lower Upper

149 100

91 70.9 54.5 81.7

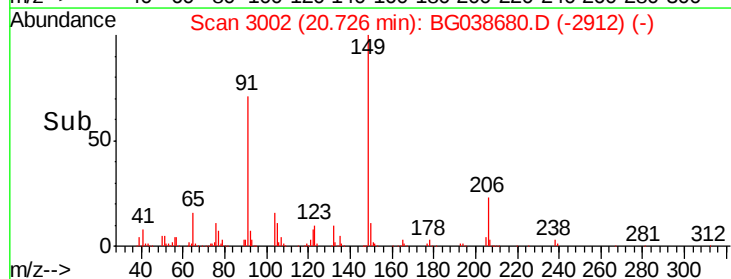
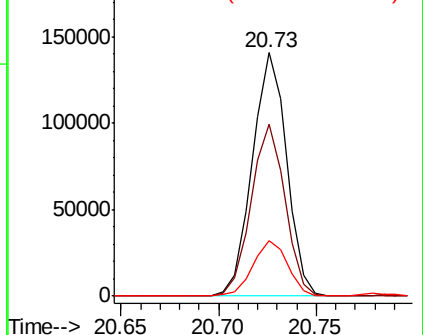
206 22.8 19.0 28.6



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: 52.697 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

Instrument :

BNA_G

ClientSampleId :

TP-1-BMS

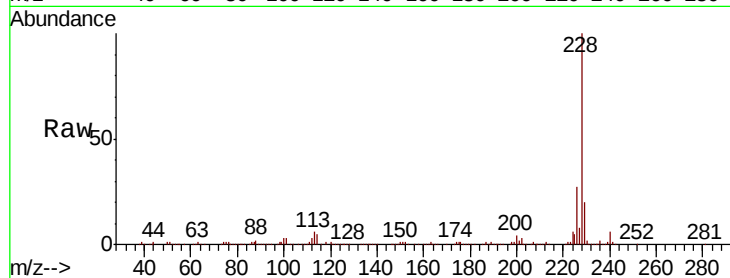
Tgt Ion:228 Resp: 431417

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

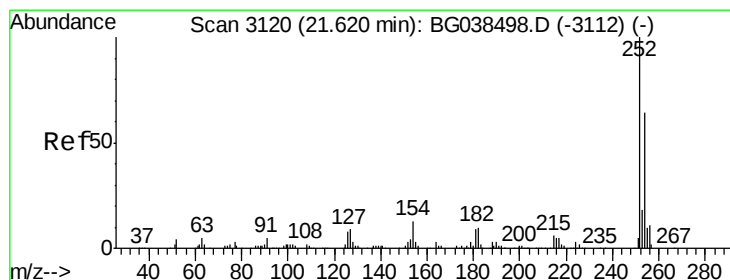
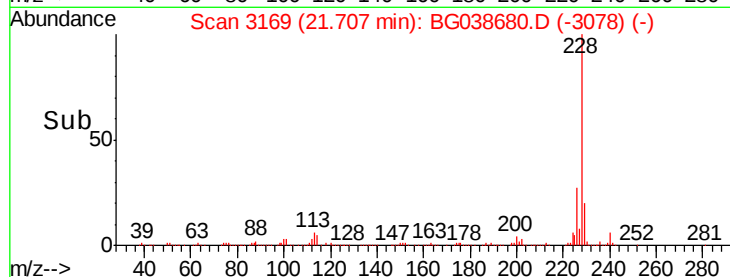
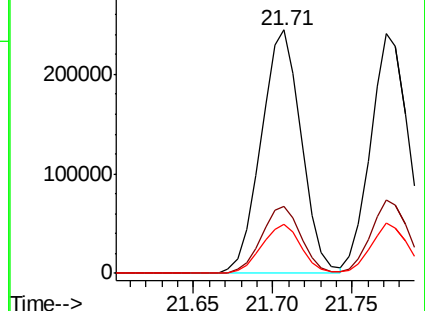
229 20.0 15.8 23.6



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: 19.004 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

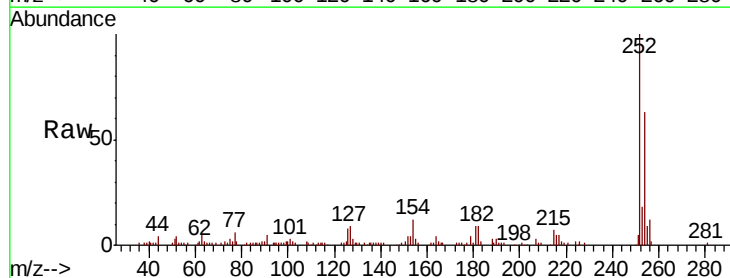
Tgt Ion:252 Resp: 61703

Ion Ratio Lower Upper

252 100

254 63.5 50.9 76.3

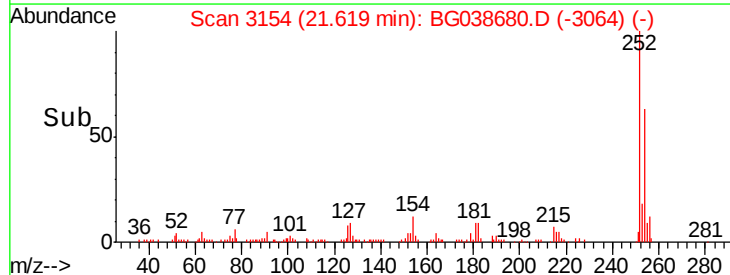
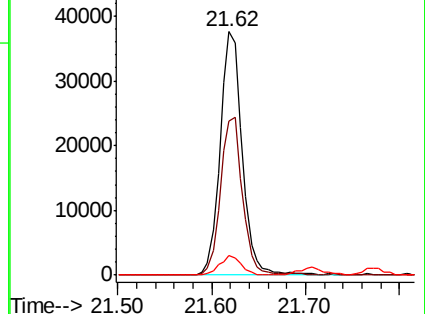
126 8.0 6.3 9.5



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: 50.457 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

Instrument :

BNA_G

ClientSampleId :

TP-1-BMS

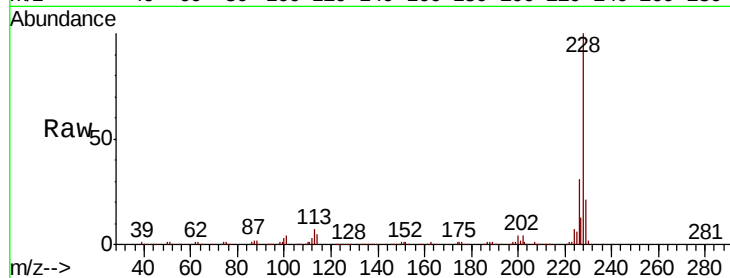
Tgt Ion: 228 Resp: 397877

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.4

229 20.9 16.5 24.7

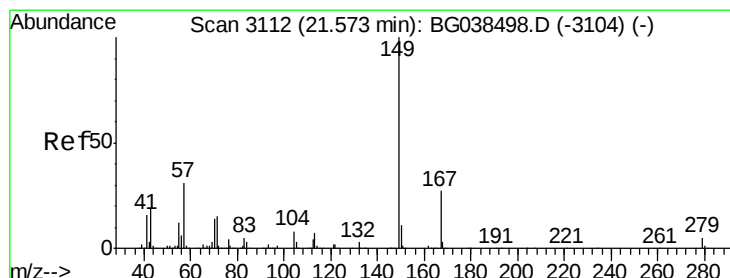
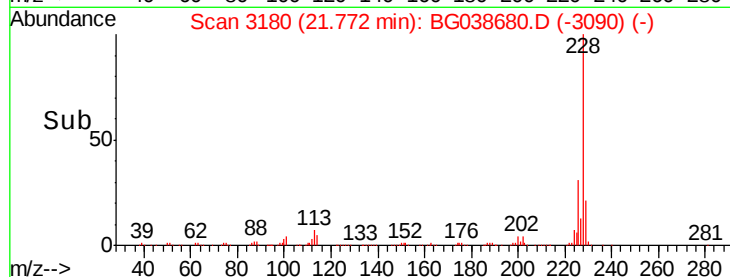
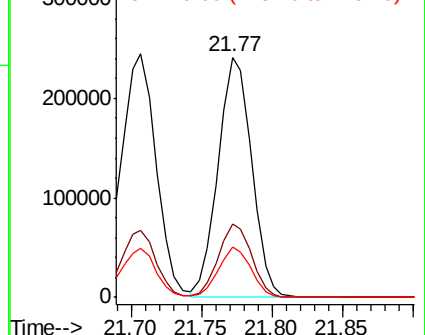


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.803 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

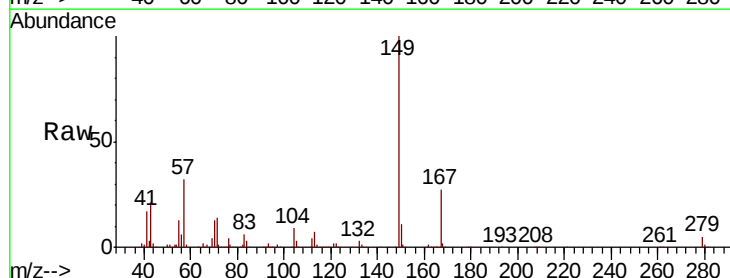
Tgt Ion: 149 Resp: 240018

Ion Ratio Lower Upper

149 100

167 27.3 21.9 32.9

279 4.8 4.2 6.2

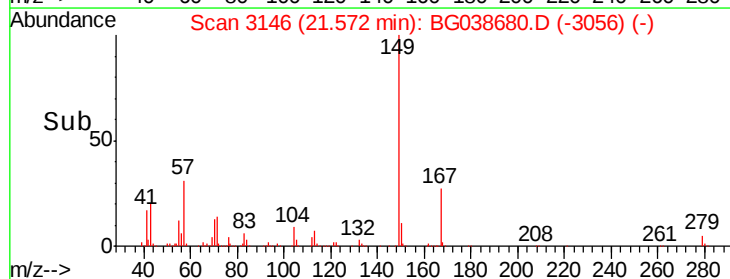
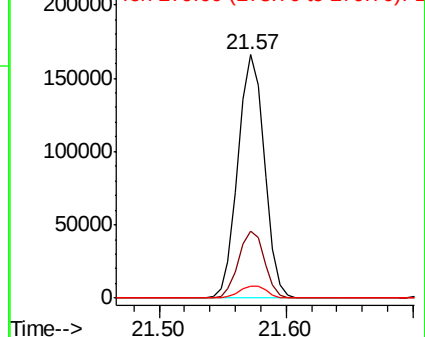


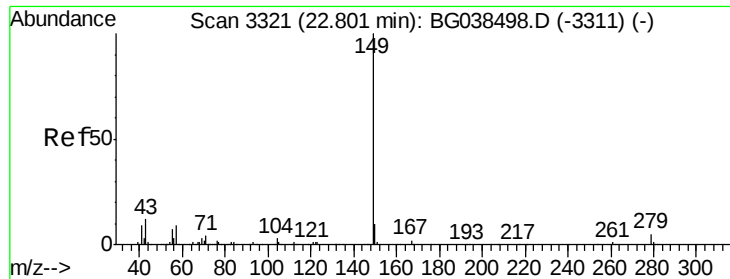
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.214 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

Instrument :

BNA_G

ClientSampleId :

TP-1-BMS

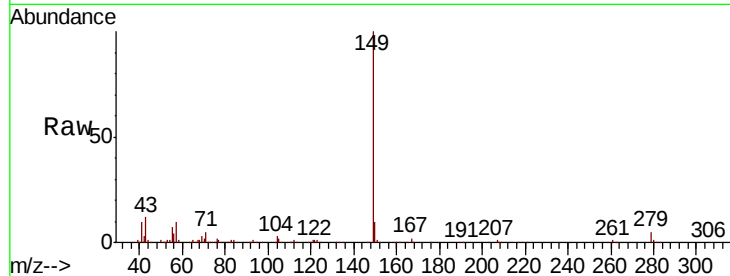
Tgt Ion:149 Resp: 413593

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

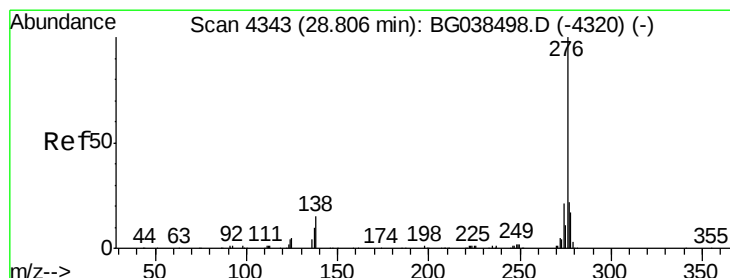
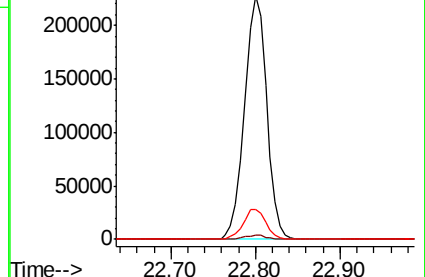
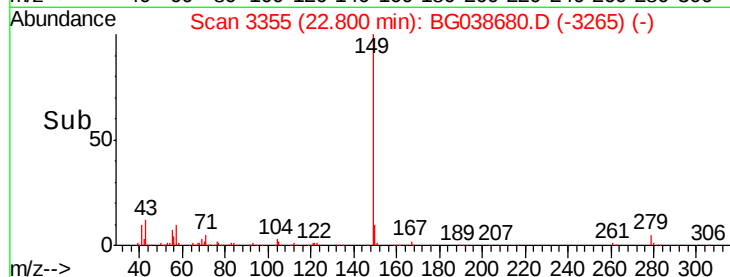
43 12.5 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.878 ng

RT: 28.82 min Scan# 4379

Delta R.T. 0.01 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

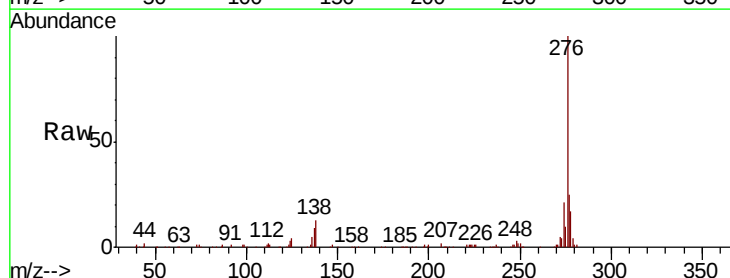
Tgt Ion:276 Resp: 490215

Ion Ratio Lower Upper

276 100

138 16.2 14.4 21.6

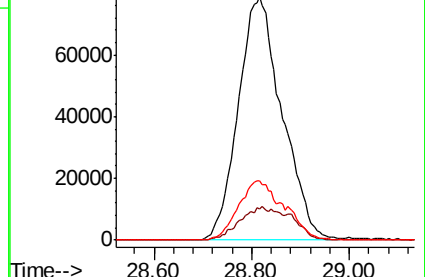
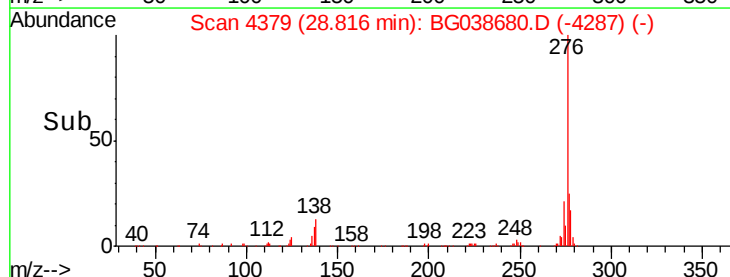
277 25.7 0.0 0.0#

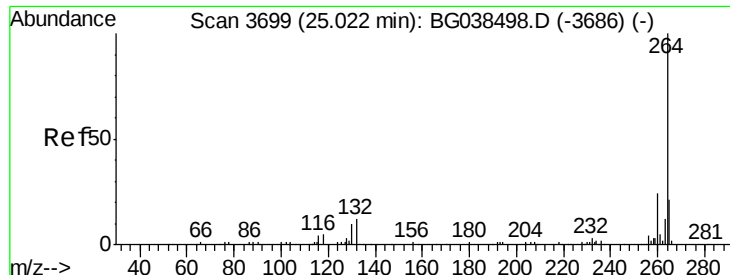


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



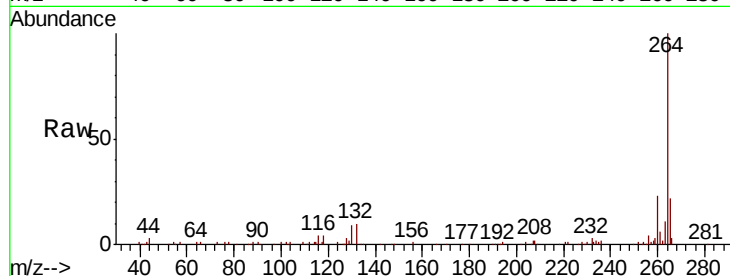


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

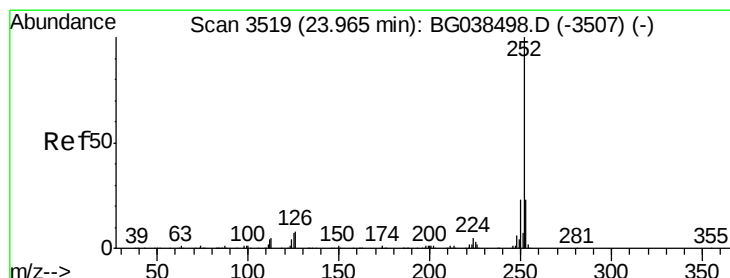
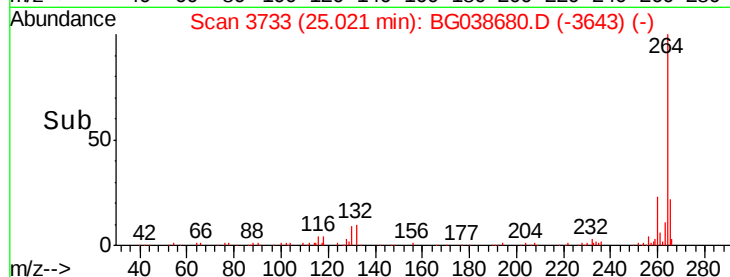
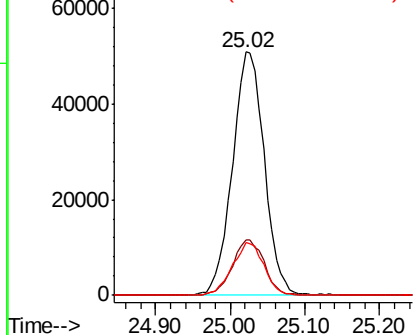
Instrument :
BNA_G
ClientSampleId :
TP-1-BMS

Tgt Ion: 264 Resp: 150444

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.9	28.3
265	21.7	17.0	25.4



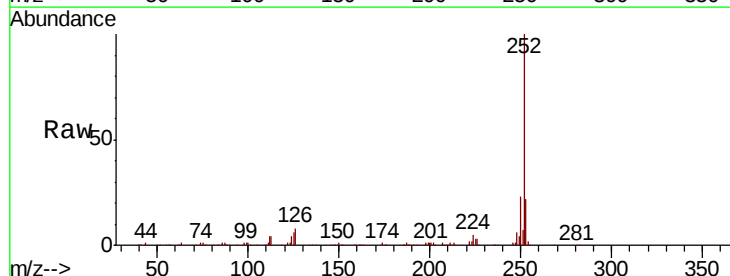
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



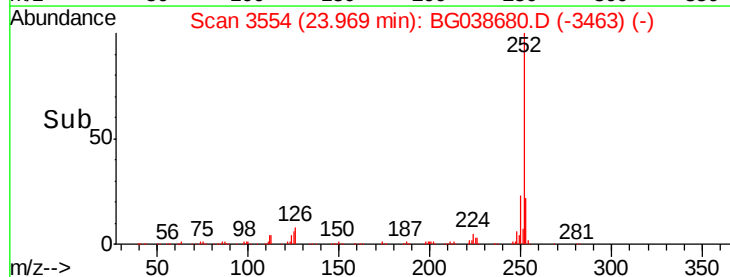
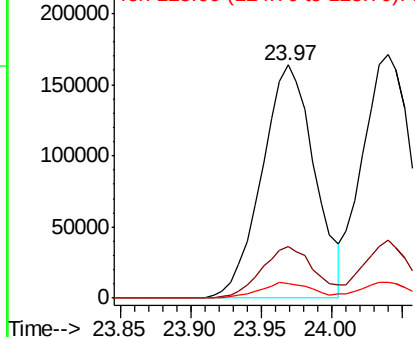
#88
Benzo(b)fluoranthene
Concen: 51.849 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.00 min
Lab File: BG038680.D
Acq: 18 Dec 2018 2:57

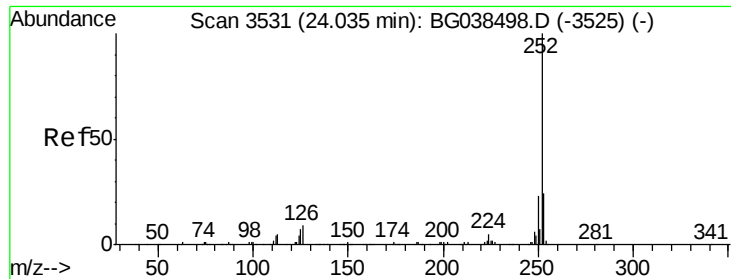
Tgt Ion: 252 Resp: 428268

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	6.4	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: 50.229 ng

RT: 24.04 min Scan# 3566

Delta R.T. 0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

Instrument :

BNA_G

ClientSampleId :

TP-1-BMS

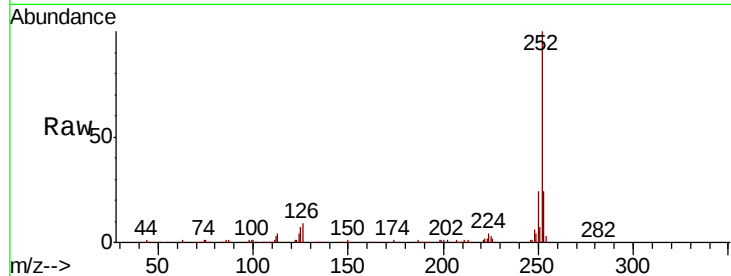
Tgt Ion:252 Resp: 413146

Ion Ratio Lower Upper

252 100

253 23.7 18.9 28.3

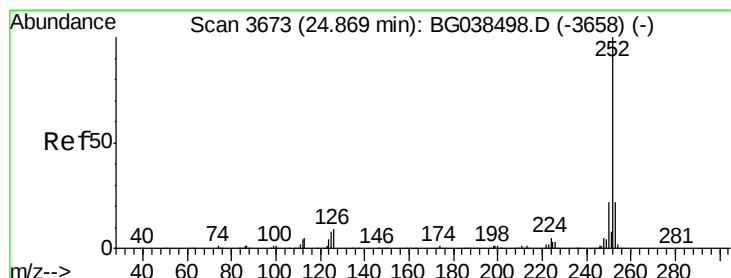
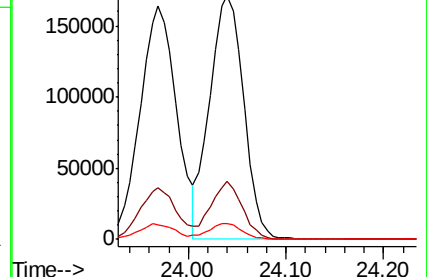
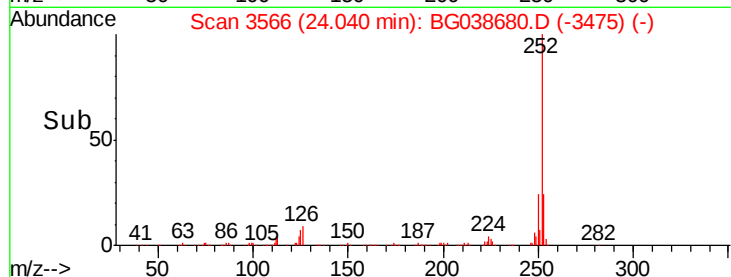
125 6.6 5.4 8.2



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: 51.827 ng

RT: 24.87 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

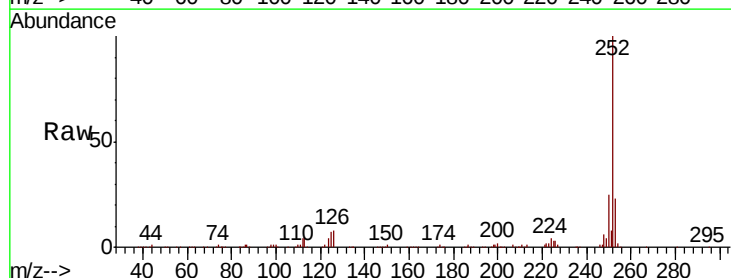
Tgt Ion:252 Resp: 412997

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

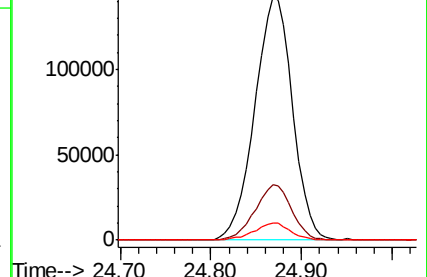
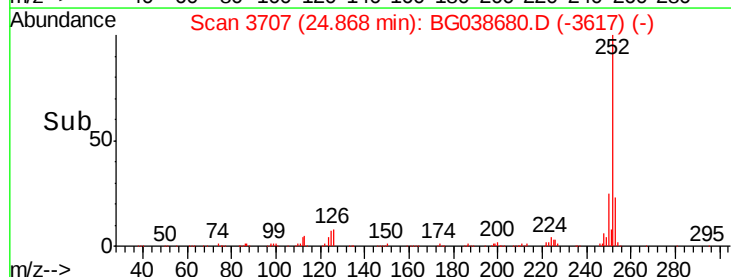
125 7.0 6.4 9.6

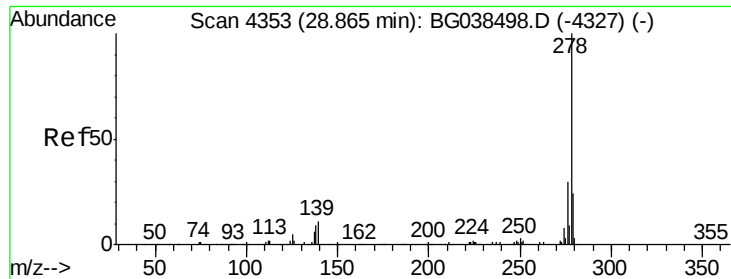


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 51.411 ng

RT: 28.88 min Scan# 4390

Delta R.T. 0.02 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

Instrument :

BNA_G

ClientSampleId :

TP-1-BMS

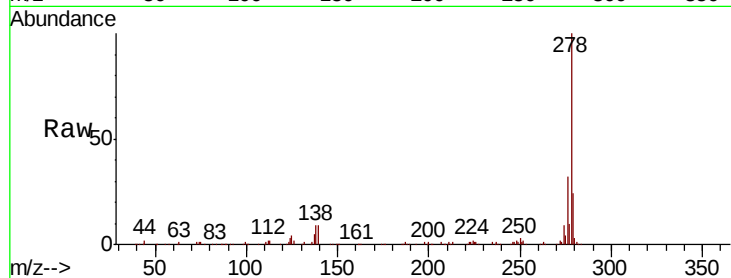
Tgt Ion:278 Resp: 407908

Ion Ratio Lower Upper

278 100

139 9.5 8.6 12.8

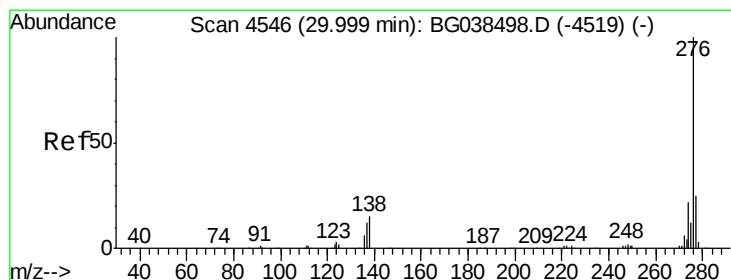
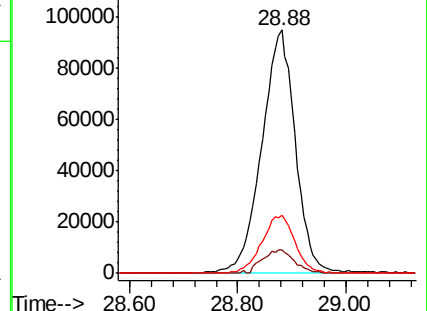
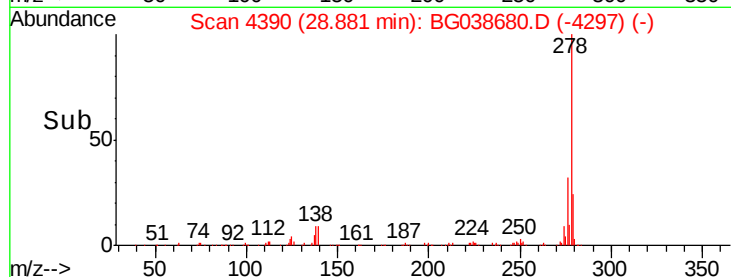
279 23.9 19.0 28.6



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: 52.067 ng

RT: 30.00 min Scan# 4581

Delta R.T. 0.00 min

Lab File: BG038680.D

Acq: 18 Dec 2018 2:57

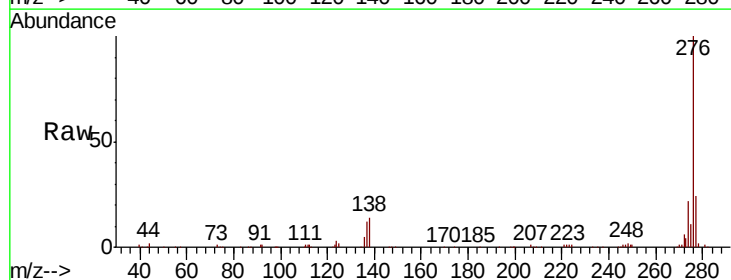
Tgt Ion:276 Resp: 407126

Ion Ratio Lower Upper

276 100

277 23.6 19.8 29.8

138 14.1 11.8 17.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

