

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121518\
 Data File : BG038607.D
 Acq On : 15 Dec 2018 16:50
 Operator : JU/SJ
 Sample : PB115660BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115660BS

Quant Time: Dec 16 02:23:02 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	23785	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	93049	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	59291	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	150617	20.00	ng	0.00
76) Chrysene-d12	21.72	240	163181	20.00	ng	0.00
87) Perylene-d12	25.01	264	176736	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	165167	123.17	ng	0.00
7) Phenol-d6	7.21	99	214938	116.75	ng	0.00
23) Nitrobenzene-d5	9.24	82	128740	70.68	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	96210	117.74	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	292430	67.66	ng	0.00
79) Terphenyl-d14	20.04	244	630544	84.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	22275	35.690	ng	# 89
3) Pyridine	3.89	79	62776	36.532	ng	94
4) n-Nitrosodimethylamine	3.82	42	39297	46.673	ng	# 89
6) Aniline	7.39	93	80828	34.394	ng	98
8) 2-Chlorophenol	7.62	128	68425	44.092	ng	100
9) Benzaldehyde	7.20	77	24038	20.128	ng	99
10) Phenol	7.24	94	85961	43.951	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	60249	38.692	ng	95
12) 1,3-Dichlorobenzene	7.95	146	71816	39.139	ng	99
13) 1,4-Dichlorobenzene	8.09	146	72989	38.840	ng	97
14) 1,2-Dichlorobenzene	8.41	146	68200	38.495	ng	97
15) Benzyl Alcohol	8.30	79	60804	42.315	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	134869	37.810	ng	99
17) 2-Methylphenol	8.50	107	57961	44.232	ng	97
18) Hexachloroethane	9.14	117	27337	39.809	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	48908	37.826	ng	# 98
20) 3+4-Methylphenols	8.83	107	76530	42.289	ng	96
22) Acetophenone	8.89	105	96426	41.488	ng	98
24) Nitrobenzene	9.28	77	78057	42.363	ng	99
25) Isophorone	9.79	82	137074	41.887	ng	100
26) 2-Nitrophenol	9.99	139	38078	40.377	ng	95
27) 2,4-Dimethylphenol	10.03	122	66050	48.870	ng	95
28) bis(2-Chloroethoxy)methane	10.27	93	80280	43.470	ng	99
29) 2,4-Dichlorophenol	10.52	162	68404	45.494	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	72740	40.051	ng	98
31) Naphthalene	10.93	128	198803	43.363	ng	99
32) Benzoic acid	10.18	122	22231	30.576	ng	93
33) 4-Chloroaniline	11.04	127	45204	22.711	ng	98
34) Hexachlorobutadiene	11.19	225	47982	39.044	ng	93
35) Caprolactam	11.82	113	23108	37.136	ng	95
36) 4-Chloro-3-methylphenol	12.15	107	71662	41.765	ng	98
37) 2-Methylnaphthalene	12.53	142	147835	45.200	ng	96
38) 1-Methylnaphthalene	12.75	142	139969	44.101	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	85667	38.654	ng	99

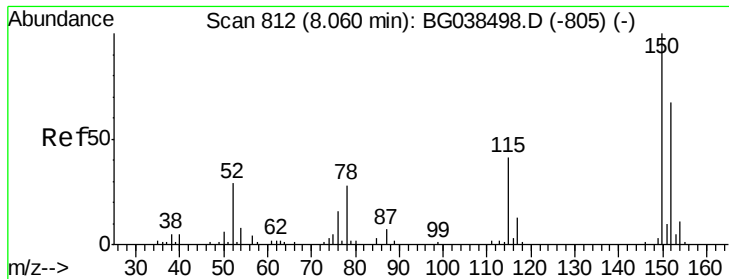
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121518\
 Data File : BG038607.D
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 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	120896	99.289	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	57819	42.429	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	64241	44.525	ng	98
46) 1,1'-Biphenyl	13.53	154	188664	37.957	ng	99
47) 2-Chloronaphthalene	13.58	162	153241	39.912	ng	98
48) 2-Nitroaniline	13.79	65	52142	42.636	ng	97
49) Acenaphthylene	14.42	152	250288	43.606	ng	98
50) Dimethylphthalate	14.14	163	202886	41.902	ng	99
51) 2,6-Dinitrotoluene	14.28	165	45414	41.389	ng	90
52) Acenaphthene	14.76	154	142518	41.524	ng	98
53) 3-Nitroaniline	14.61	138	33185	29.669	ng	95
54) 2,4-Dinitrophenol	14.82	184	50805	77.959	ng	96
55) Dibenzofuran	15.10	168	239041	40.630	ng	98
56) 4-Nitrophenol	14.91	139	73850	87.032	ng	95
57) 2,4-Dinitrotoluene	15.06	165	65363	42.294	ng	97
58) Fluorene	15.74	166	189295	43.428	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	57769	44.504	ng	98
60) Diethylphthalate	15.50	149	210416	39.586	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	107168	39.405	ng	96
62) 4-Nitroaniline	15.78	138	49665	43.129	ng	96
63) Azobenzene	16.02	77	181263	40.822	ng	97
65) 4,6-Dinitro-2-methylphenol	15.83	198	41317	38.455	ng	95
66) n-Nitrosodiphenylamine	15.95	169	179562	40.575	ng	96
67) 4-Bromophenyl-phenylether	16.62	248	71266	38.743	ng	93
68) Hexachlorobenzene	16.74	284	73263	38.422	ng	93
69) Atrazine	16.89	200	73991	45.052	ng	97
70) Pentachlorophenol	17.09	266	82437	73.092	ng	99
71) Phenanthrene	17.49	178	338233	43.305	ng	98
72) Anthracene	17.58	178	345645	44.827	ng	99
73) Carbazole	17.85	167	318764	41.802	ng	98
74) Di-n-butylphthalate	18.38	149	390377	44.614	ng	99
75) Fluoranthene	19.49	202	446635	46.218	ng	99
77) Benzidine	19.68	184	215652	44.686	ng	99
78) Pyrene	19.86	202	444262	41.211	ng	99
80) Butylbenzylphthalate	20.73	149	178559	42.396	ng	99
81) Benzo(a)anthracene	21.70	228	437190	43.968	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	115666	29.330	ng	98
83) Chrysene	21.77	228	406960	42.491	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	249995	41.852	ng	98
85) Di-n-octyl phthalate	22.80	149	427381	42.722	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	496061	44.056	ng	# 80
88) Benzo(b)fluoranthene	23.96	252	433104	44.634	ng	99
89) Benzo(k)fluoranthene	24.03	252	423399	43.818	ng	98
90) Benzo(a)pyrene	24.86	252	424906	45.389	ng	99
91) Dibenzo(a,h)anthracene	28.86	278	411876	44.188	ng	99
92) Benzo(g,h,i)perylene	29.99	276	411172	44.762	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

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB115660BS

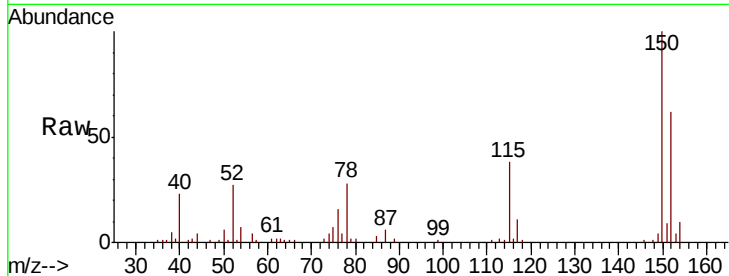
Tgt Ion:152 Resp: 23785

Ion Ratio Lower Upper

152 100

150 161.1 119.5 179.3

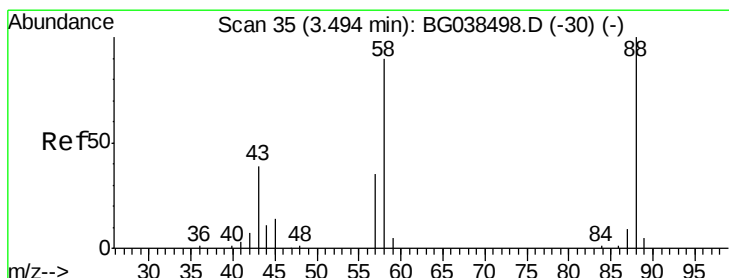
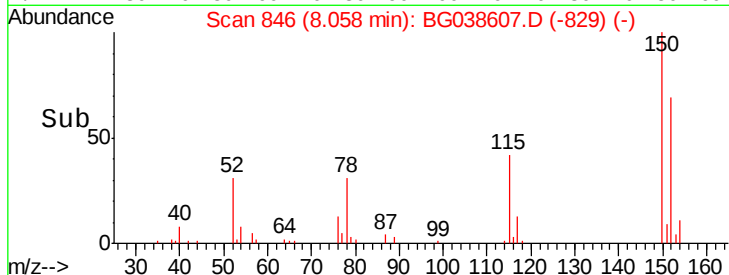
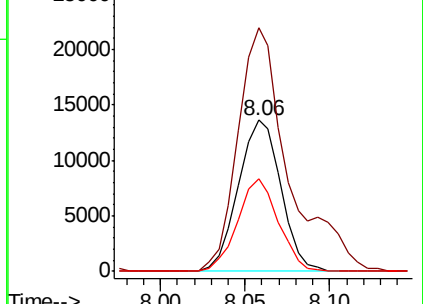
115 61.1 49.6 74.4



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: 35.690 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.01 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

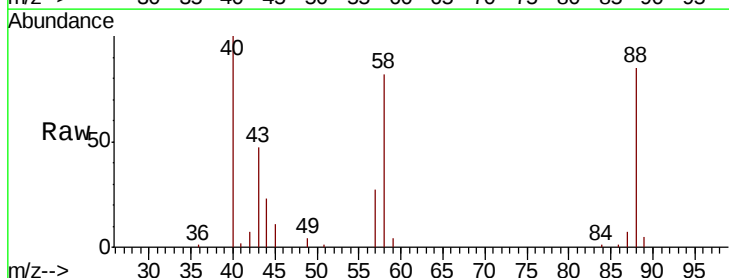
Tgt Ion: 88 Resp: 22275

Ion Ratio Lower Upper

88 100

58 103.6 75.7 113.5

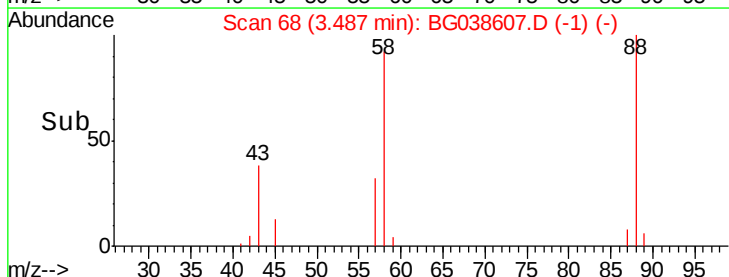
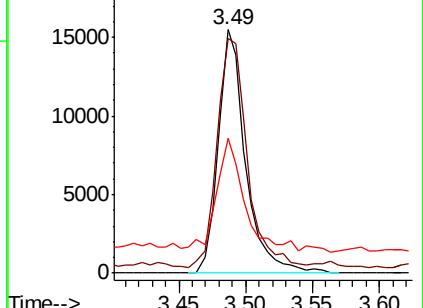
43 49.7 31.6 47.4#

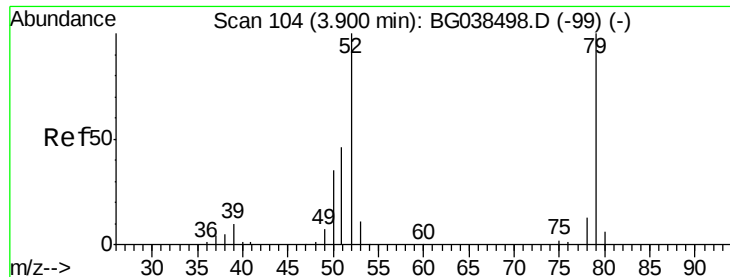


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 36.532 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB115660BS

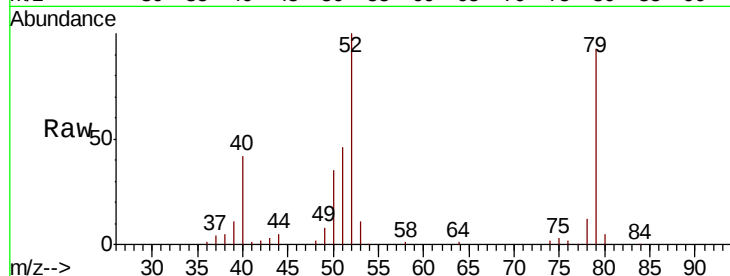
Tgt Ion: 79 Resp: 62776

Ion Ratio Lower Upper

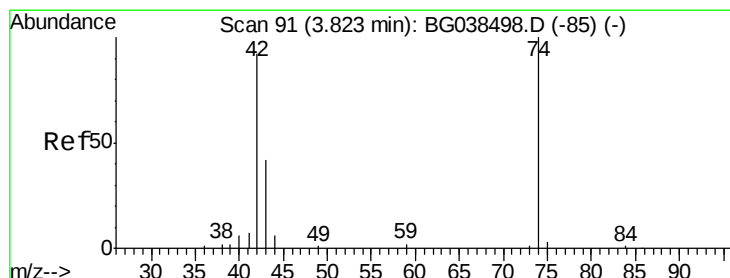
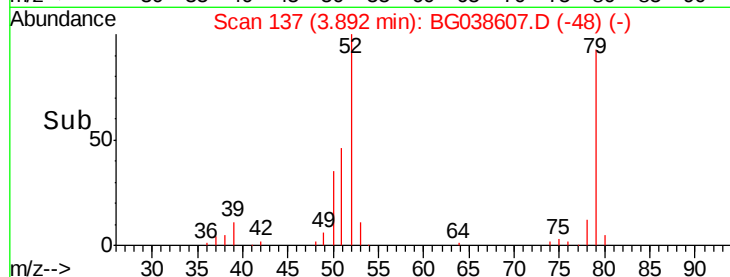
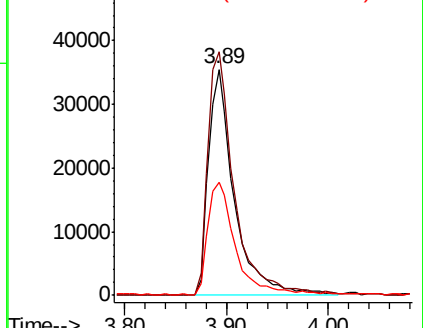
79 100

52 107.7 80.2 120.2

51 50.0 38.0 57.0



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



#4

n-Nitrosodimethylamine

Concen: 46.673 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

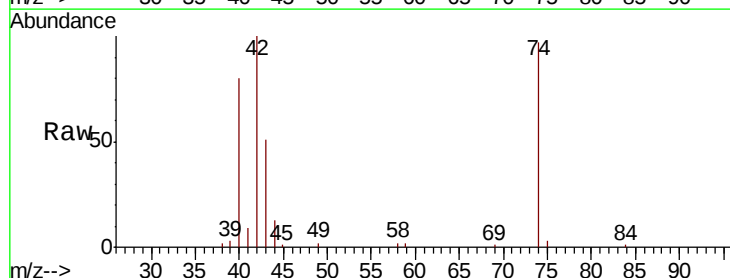
Tgt Ion: 42 Resp: 39297

Ion Ratio Lower Upper

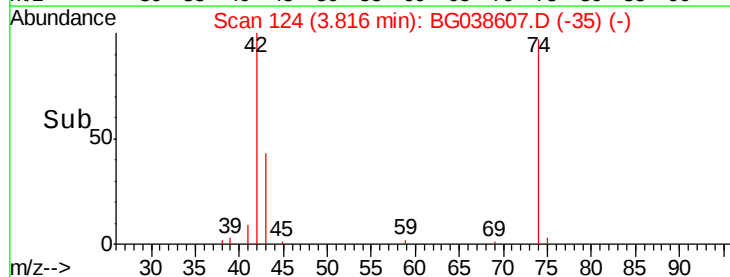
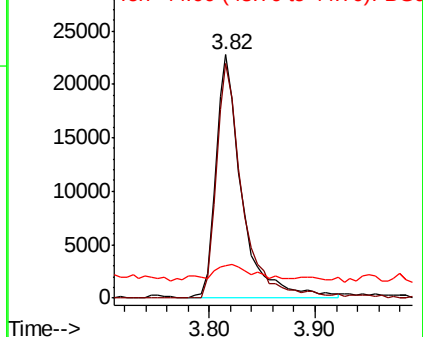
42 100

74 96.6 86.7 130.1

44 13.4 7.8 11.8#



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

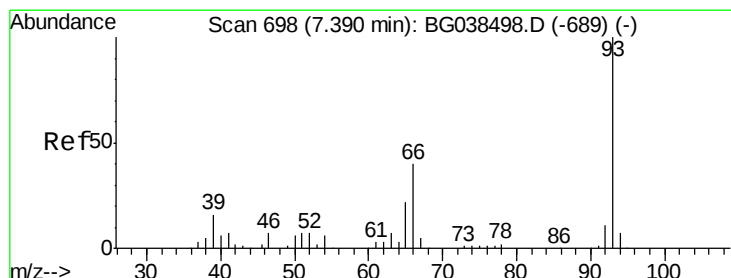
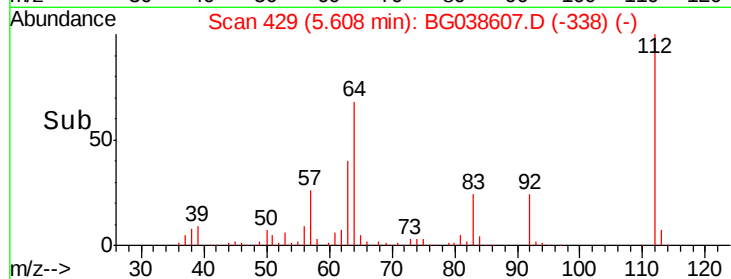
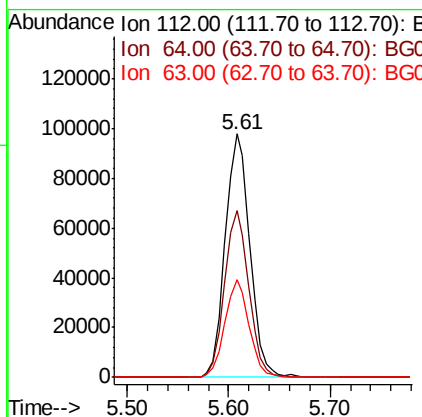
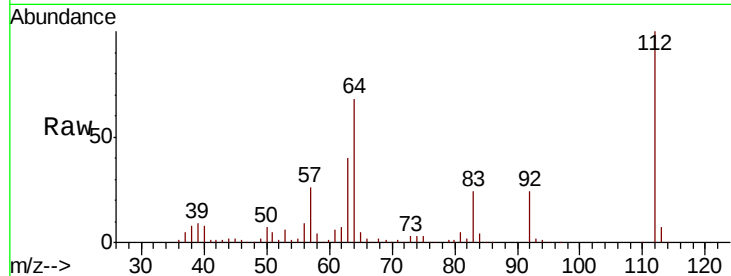




#5
 2-Fluorophenol
 Concen: 123.165 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

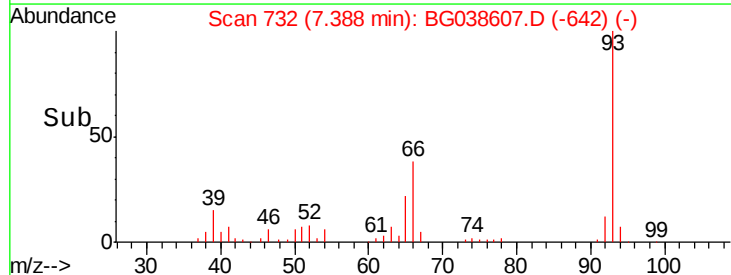
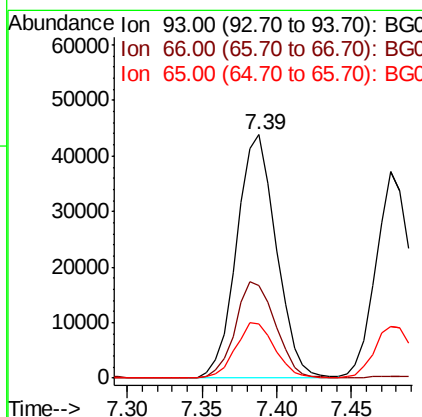
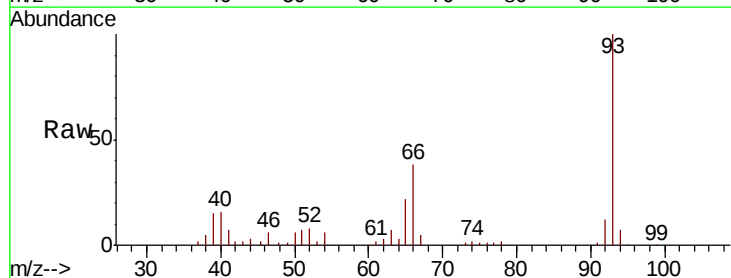
Instrument :
 BNA_G
 ClientSampleId :
 PB115660BS

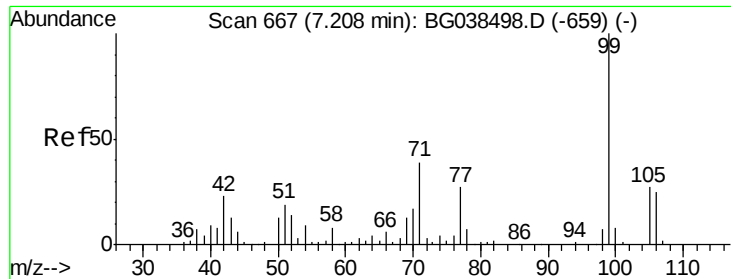
Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	53.4	80.2
63	40.2	29.3	43.9



#6
 Aniline
 Concen: 34.394 ng
 RT: 7.39 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Tgt Ion	Ratio	Lower	Upper
93	100		
66	37.8	31.7	47.5
65	22.0	17.8	26.6





#7

Phenol-d6

Concen: 116.753 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB115660BS

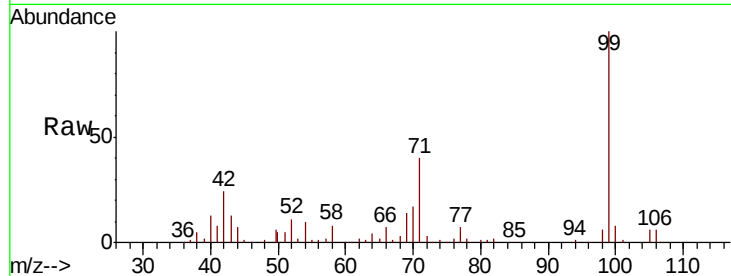
Tgt Ion: 99 Resp: 214938

Ion Ratio Lower Upper

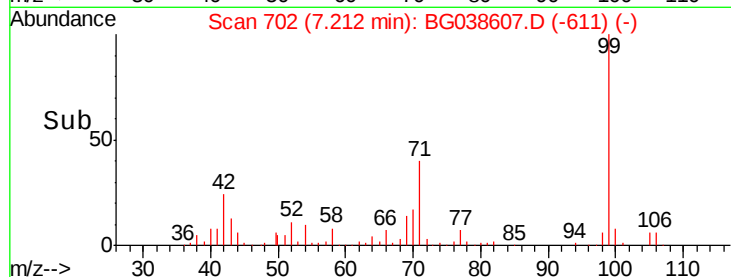
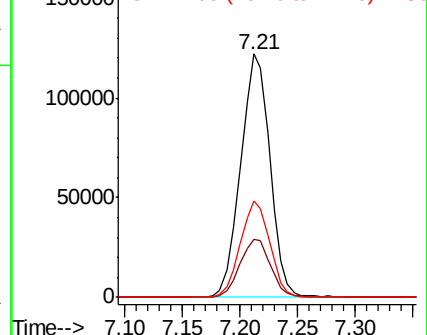
99 100

42 23.9 18.5 27.7

71 39.6 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: 44.092 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

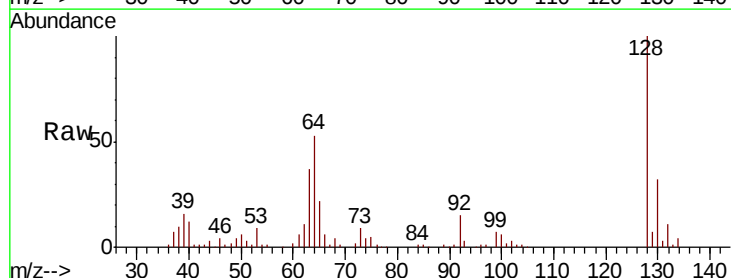
Tgt Ion: 128 Resp: 68425

Ion Ratio Lower Upper

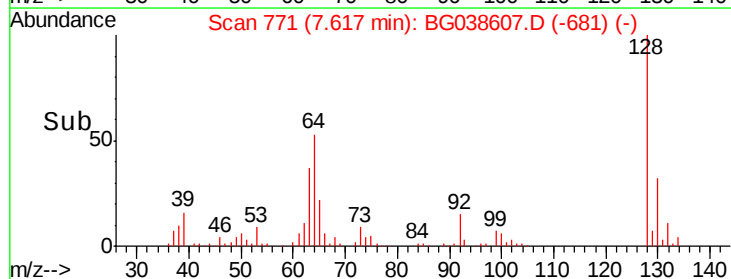
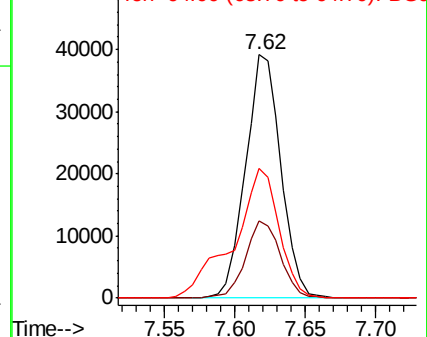
128 100

130 31.9 11.8 51.8

64 53.5 33.2 73.2



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





#9

Benzaldehyde

Concen: 20.128 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB115660BS

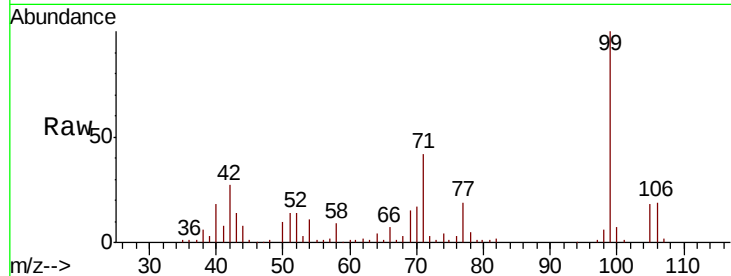
Tgt Ion: 77 Resp: 24038

Ion Ratio Lower Upper

77 100

105 93.5 74.0 114.0

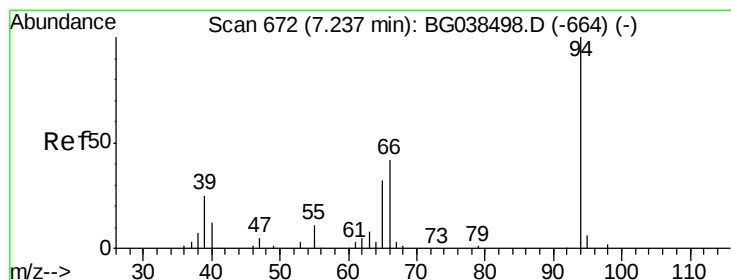
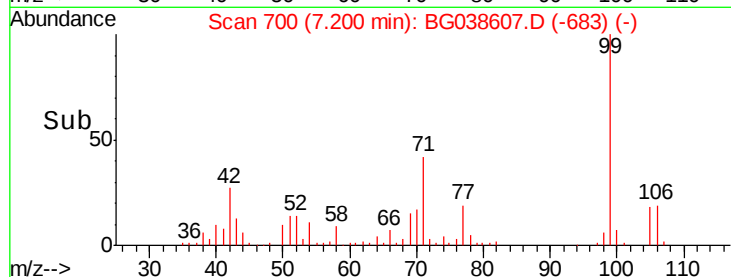
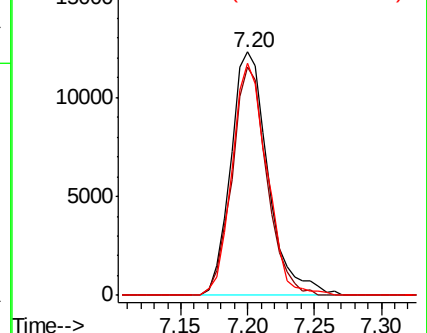
106 95.2 73.9 113.9



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.951 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

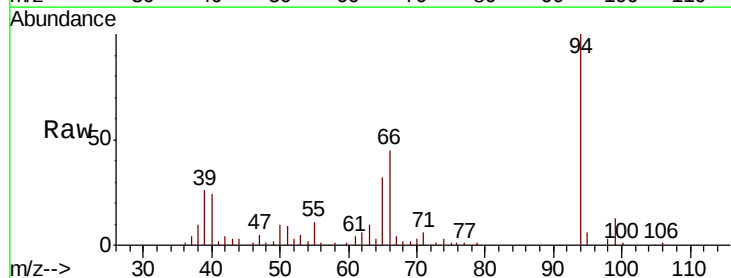
Tgt Ion: 94 Resp: 85961

Ion Ratio Lower Upper

94 100

65 32.3 12.6 52.6

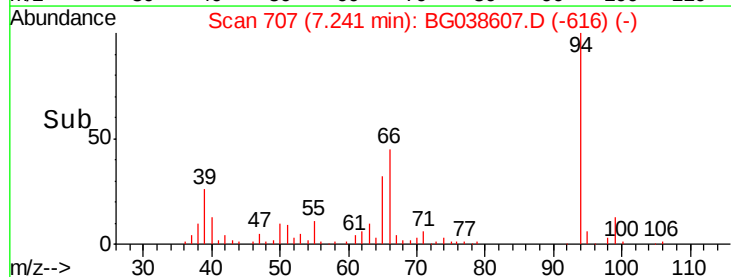
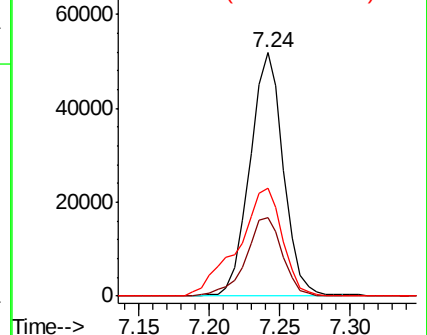
66 44.5 24.1 64.1



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

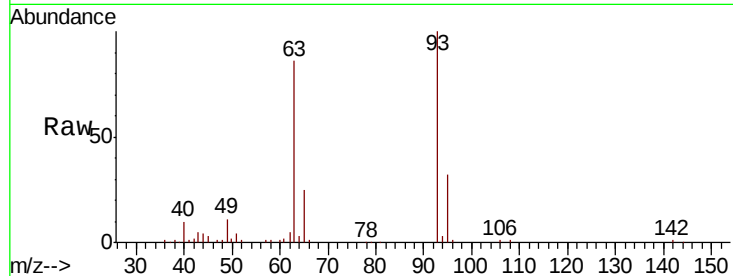




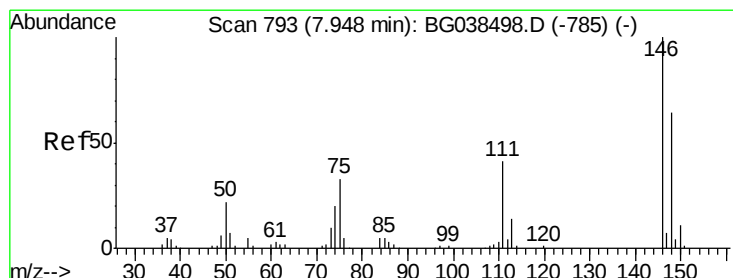
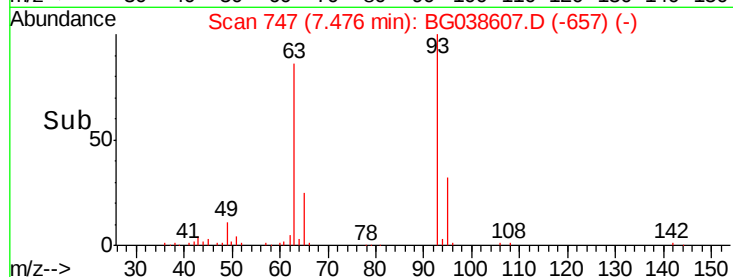
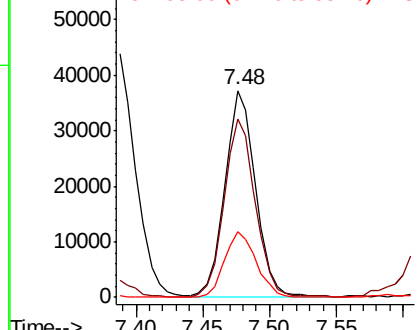
#11
 bis(2-Chloroethyl)ether
 Concen: 38.692 ng
 RT: 7.48 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB115660BS

Tgt Ion: 93 Resp: 60249
 Ion Ratio Lower Upper
 93 100
 63 86.0 72.2 112.2
 95 32.0 11.2 51.2

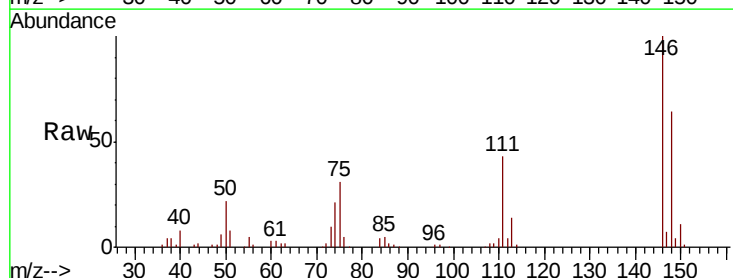


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

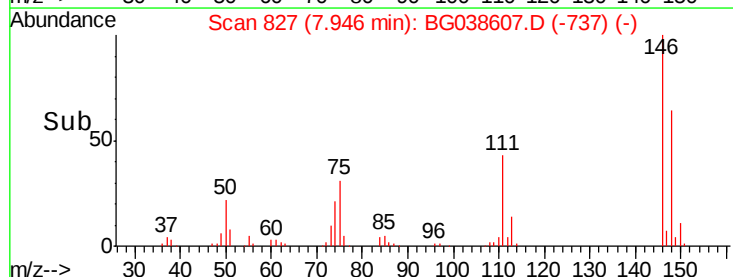
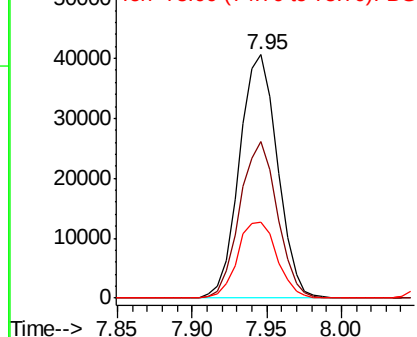


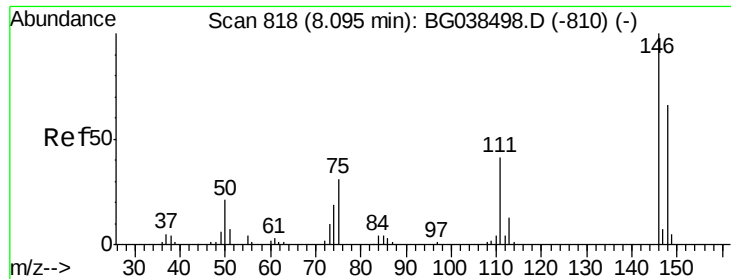
#12
 1,3-Dichlorobenzene
 Concen: 39.139 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Tgt Ion: 146 Resp: 71816
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.4 77.0
 75 31.3 26.1 39.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BGC

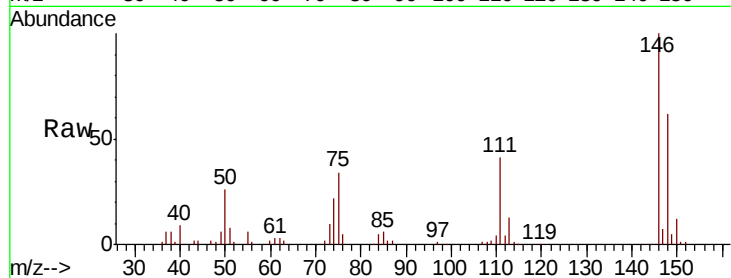




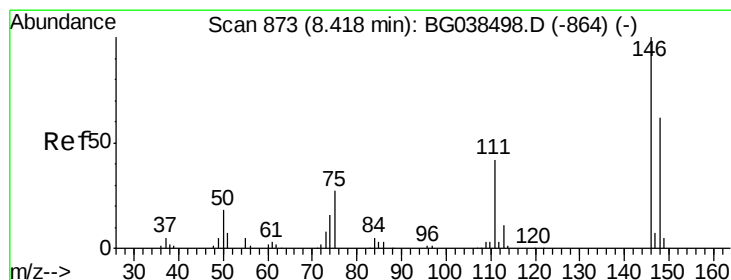
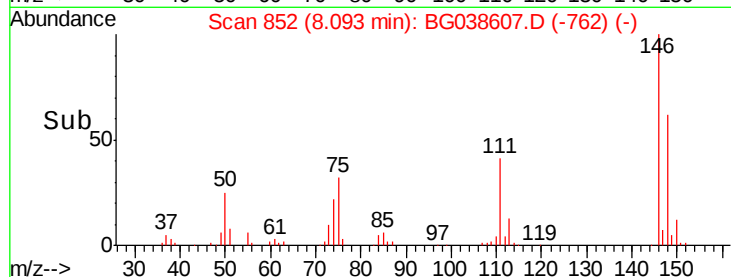
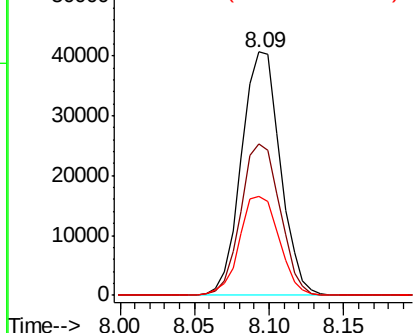
#13
 1,4-Dichlorobenzene
 Concen: 38.840 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB115660BS

Tgt Ion:146 Resp: 72989
 Ion Ratio Lower Upper
 146 100
 148 62.0 52.4 78.6
 111 40.6 33.0 49.4

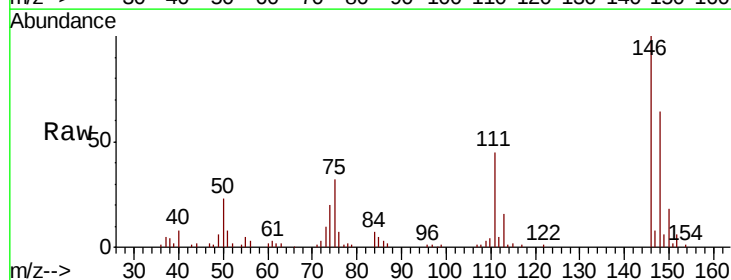


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

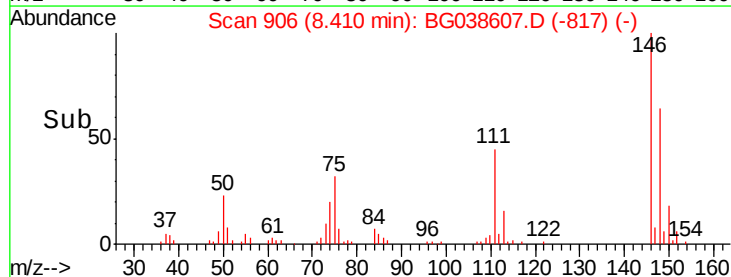
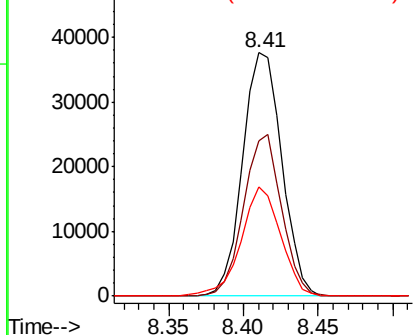


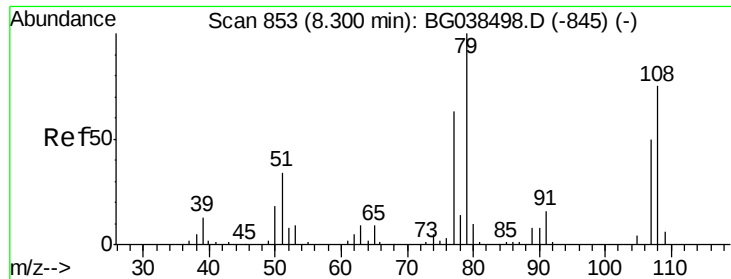
#14
 1,2-Dichlorobenzene
 Concen: 38.495 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Tgt Ion:146 Resp: 68200
 Ion Ratio Lower Upper
 146 100
 148 63.9 49.4 74.0
 111 44.9 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: 42.315 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB115660BS

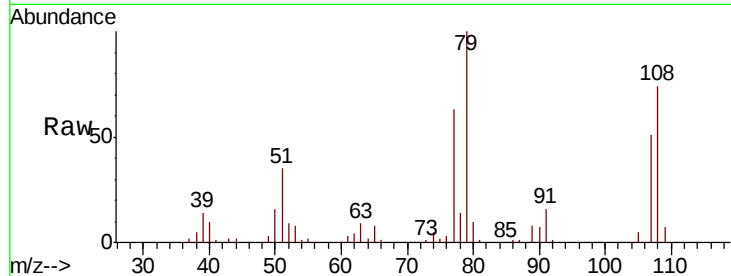
Tgt Ion: 79 Resp: 60804

Ion Ratio Lower Upper

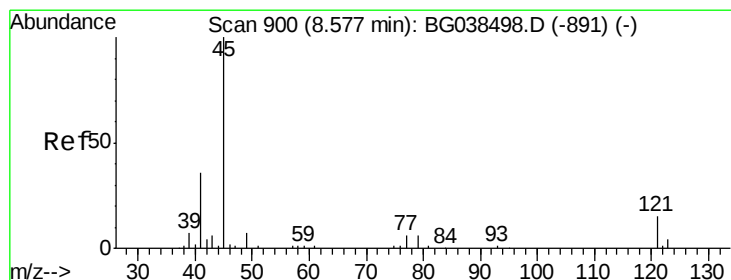
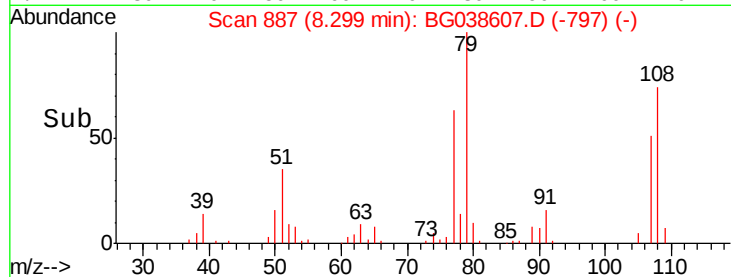
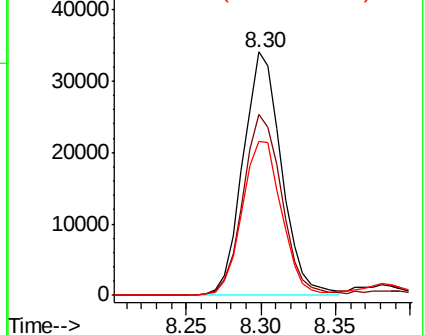
79 100

108 74.2 60.2 90.4

77 63.5 50.7 76.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.810 ng

RT: 8.57 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

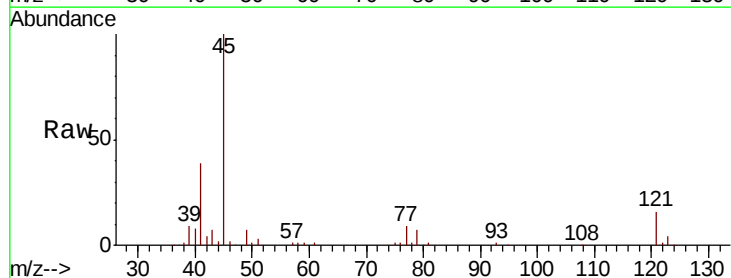
Tgt Ion: 45 Resp: 134869

Ion Ratio Lower Upper

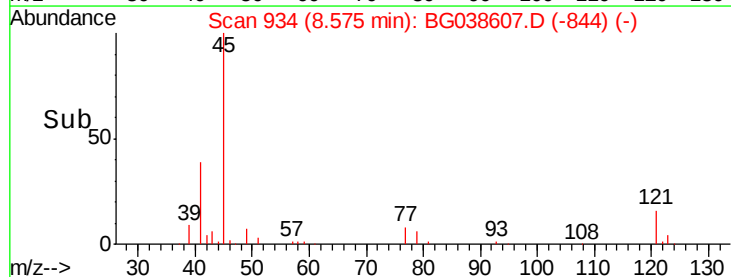
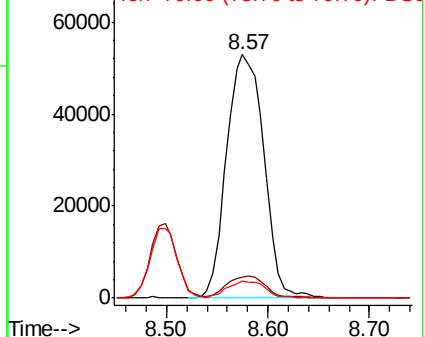
45 100

77 8.6 0.0 28.2

79 7.0 0.0 27.2



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

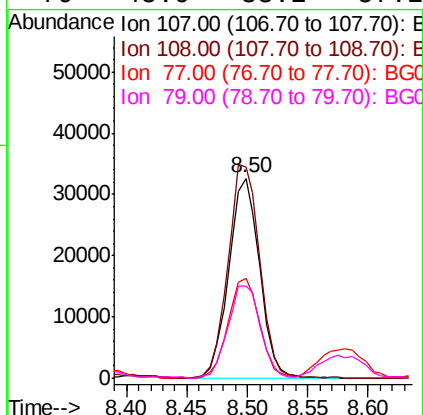
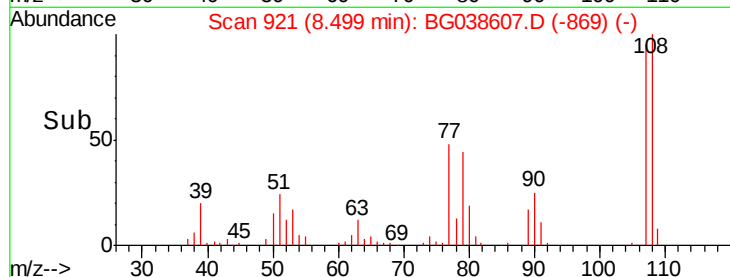
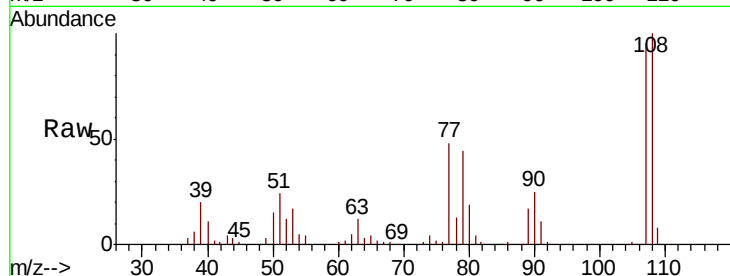




#17
2-Methylphenol
Concen: 44.232 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

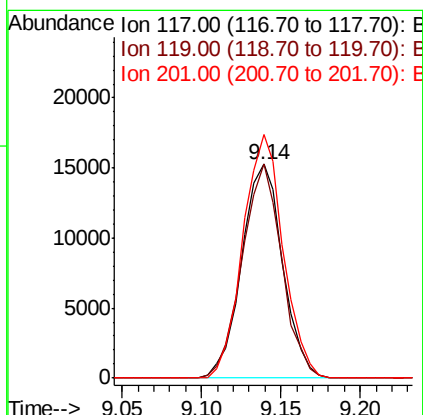
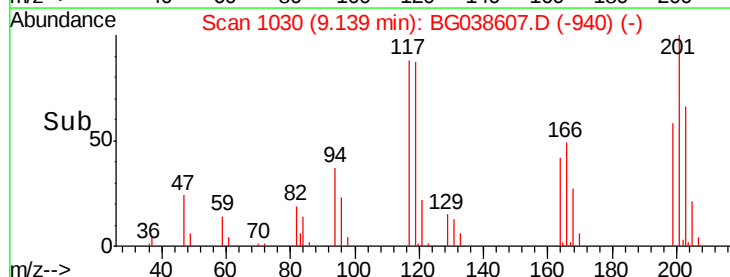
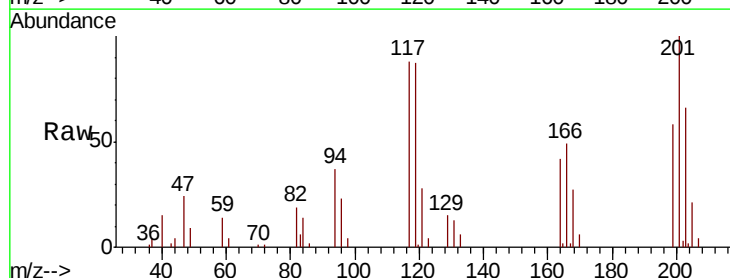
Instrument :
BNA_G
ClientSampleId :
PB115660BS

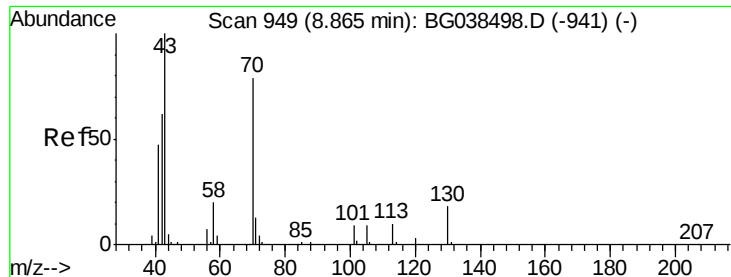
Tgt Ion:107 Resp: 57961
Ion Ratio Lower Upper
107 100
108 105.3 87.1 130.7
77 50.0 42.0 63.0
79 45.9 38.2 57.2



#18
Hexachloroethane
Concen: 39.809 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Tgt Ion:117 Resp: 27337
Ion Ratio Lower Upper
117 100
119 100.3 73.8 110.8
201 113.9 89.4 134.0

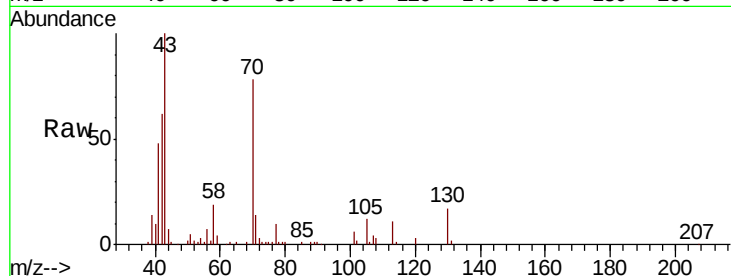




#19
n-Nitroso-di-n-propylamine
Concen: 37.826 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB115660BS

Tgt Ion:	70	Resp:	48908
Ion	Ratio	Lower	Upper
70	100		
42	79.6	63.6	95.4
101	8.3	9.2	13.8#
130	21.5	18.5	27.7



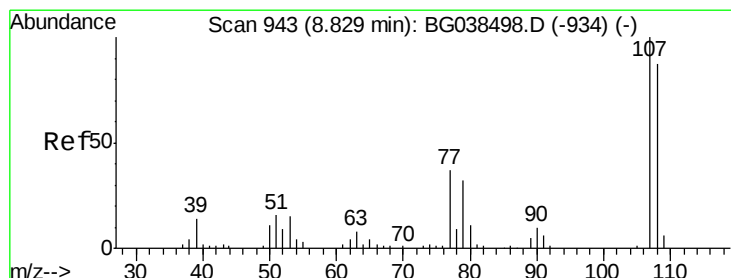
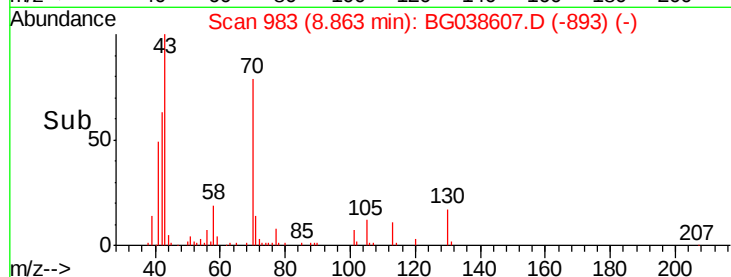
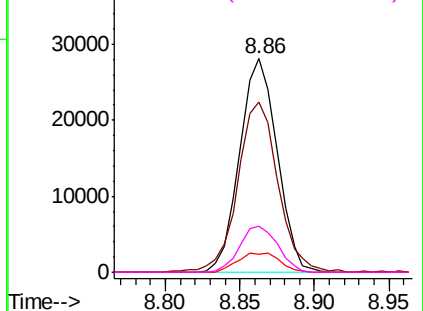
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

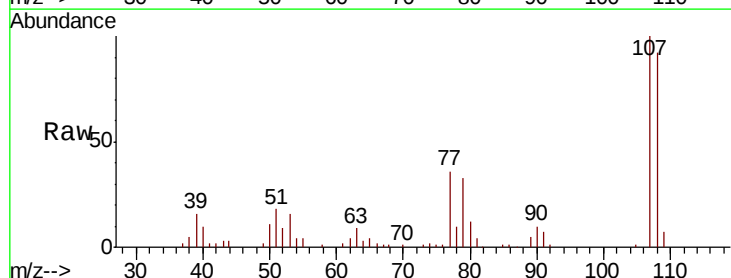
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 42.289 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Tgt Ion:	107	Resp:	76530
Ion	Ratio	Lower	Upper
107	100		
108	92.5	66.7	106.7
77	36.0	17.3	57.3
79	32.9	12.3	52.3



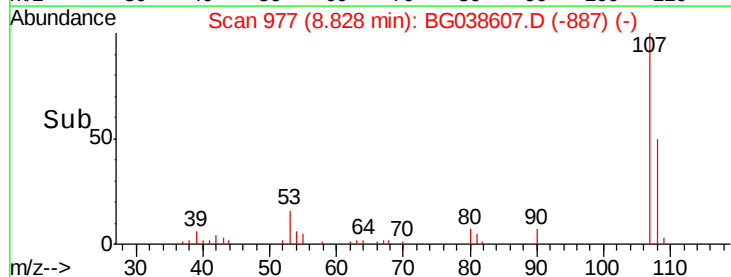
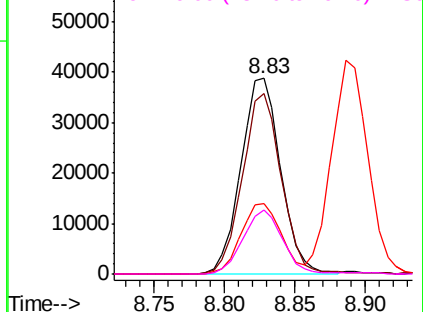
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

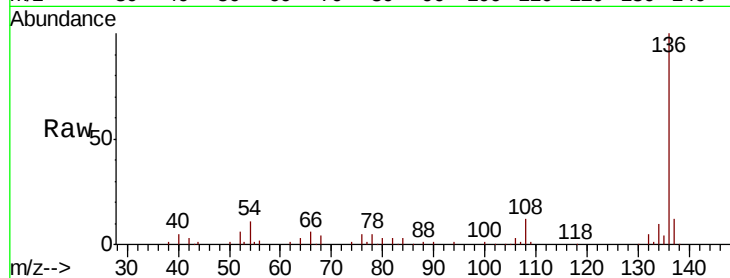




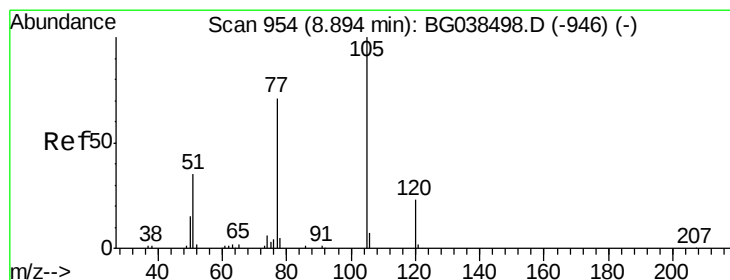
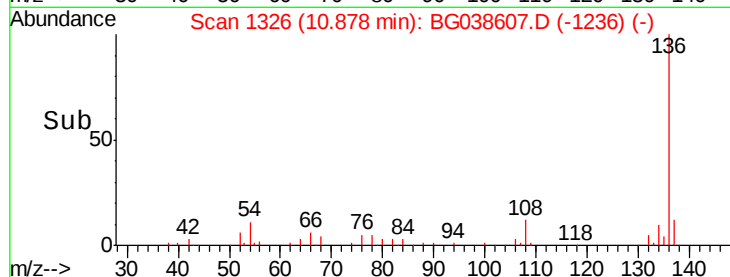
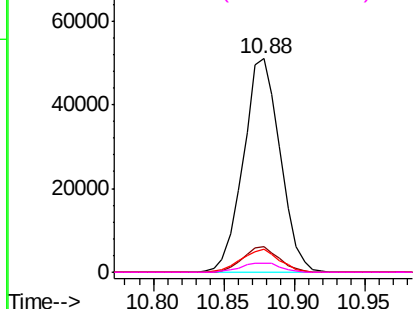
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB115660BS

Tgt Ion:	136	Resp:	93049
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	10.7	8.5	12.7
68	4.4	3.5	5.3

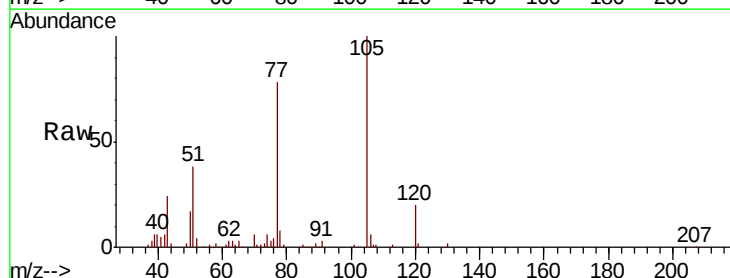


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

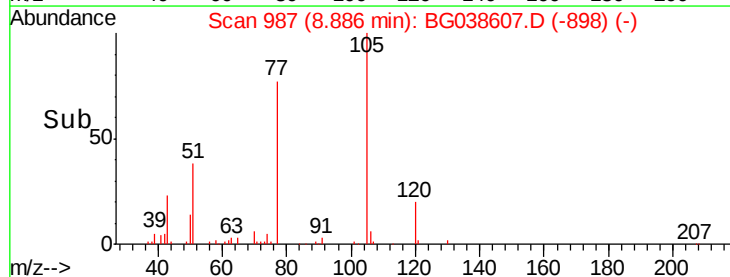
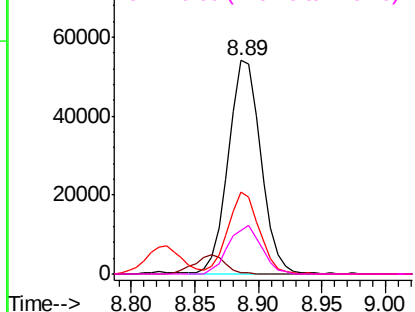


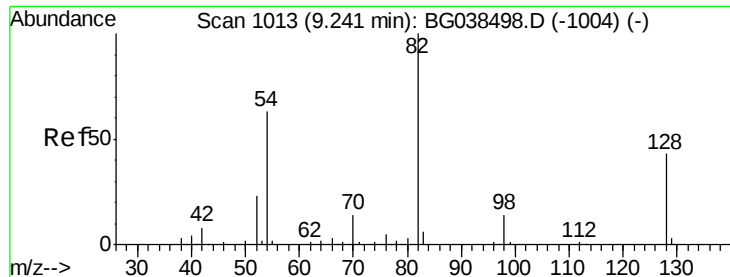
#22
Acetophenone
Concen: 41.488 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Tgt Ion:	105	Resp:	96426
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.4	0.6
51	38.1	30.6	46.0
120	20.5	18.6	28.0



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

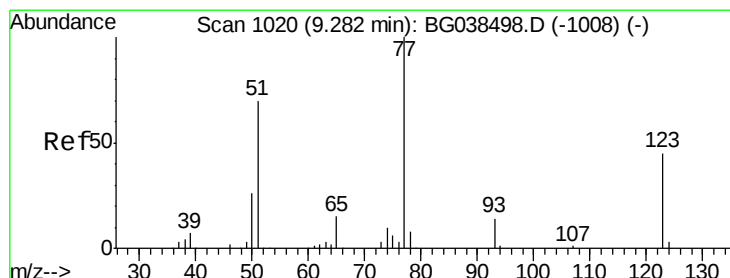
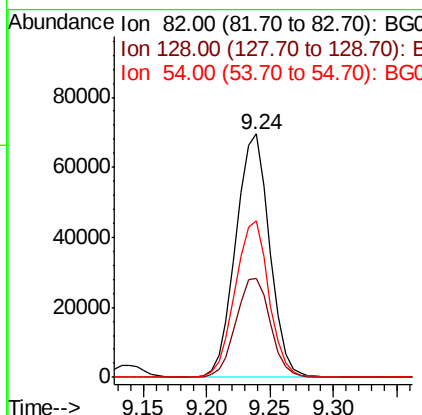
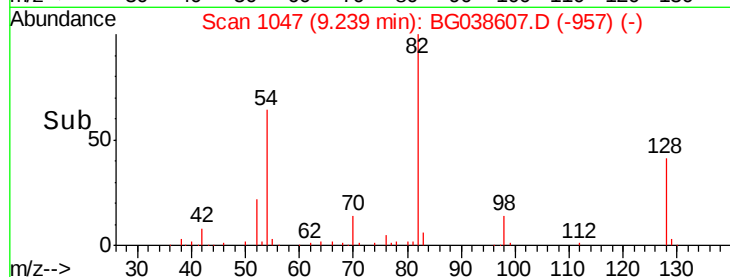
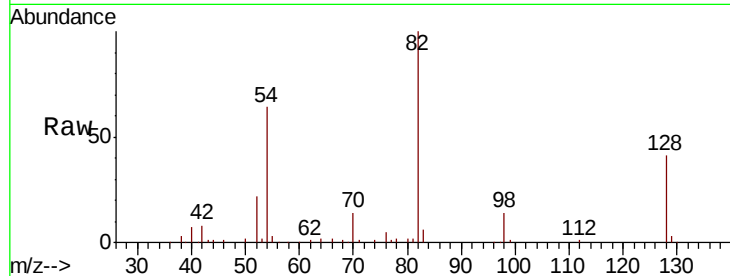




#23
 Nitrobenzene-d5
 Concen: 70.683 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

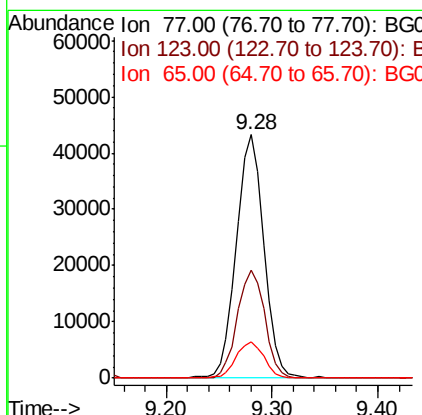
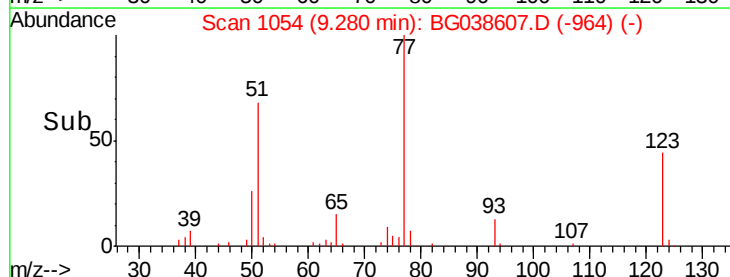
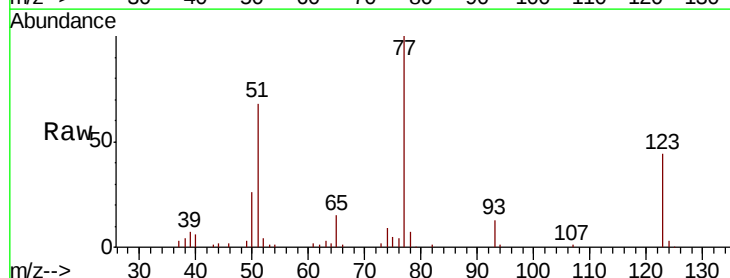
Instrument :
 BNA_G
 ClientSampleId :
 PB115660BS

Tgt Ion: 82 Resp: 128740
 Ion Ratio Lower Upper
 82 100
 128 40.8 34.6 52.0
 54 64.1 50.6 76.0



#24
 Nitrobenzene
 Concen: 42.363 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Tgt Ion: 77 Resp: 78057
 Ion Ratio Lower Upper
 77 100
 123 44.1 35.9 53.9
 65 14.9 12.0 18.0

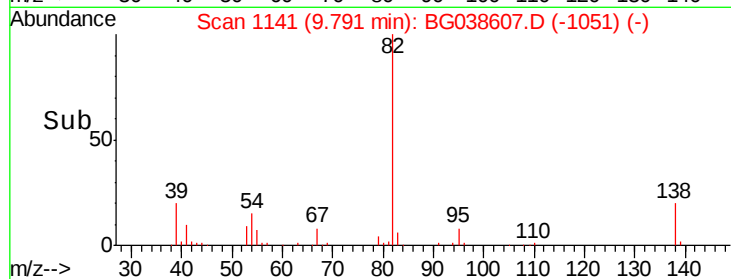
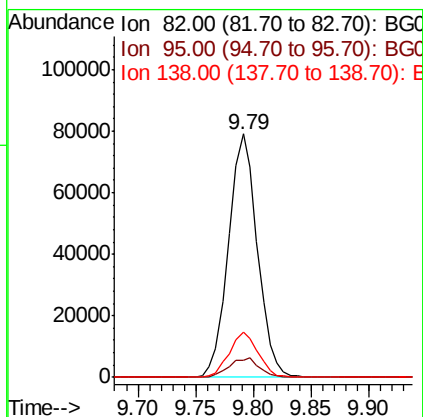
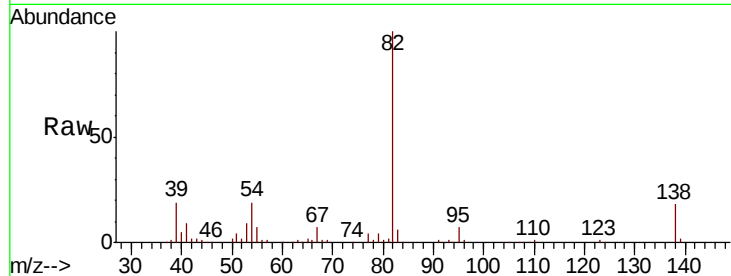




#25
Isophorone
Concen: 41.887 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

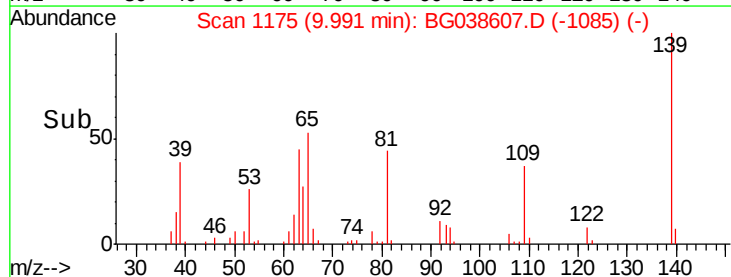
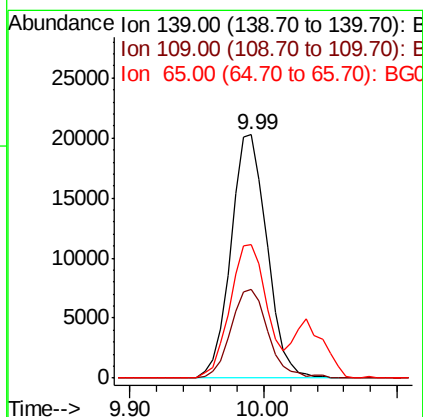
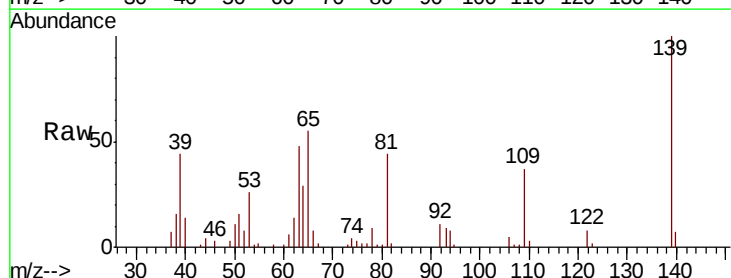
Instrument :
BNA_G
ClientSampleId :
PB115660BS

Tgt Ion: 82 Resp: 137074
Ion Ratio Lower Upper
82 100
95 7.2 6.1 9.1
138 18.5 14.9 22.3



#26
2-Nitrophenol
Concen: 40.377 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Tgt Ion: 139 Resp: 38078
Ion Ratio Lower Upper
139 100
109 36.7 29.5 44.3
65 55.0 48.5 72.7

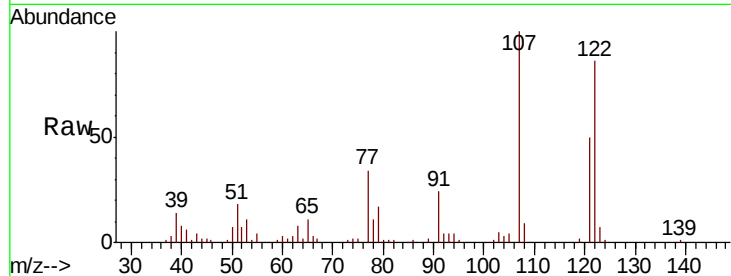




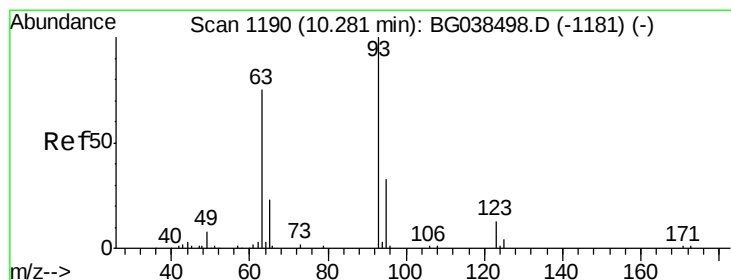
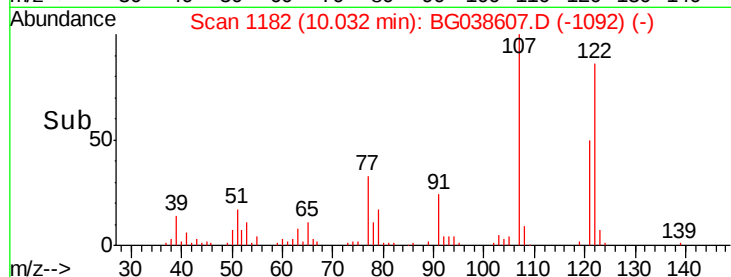
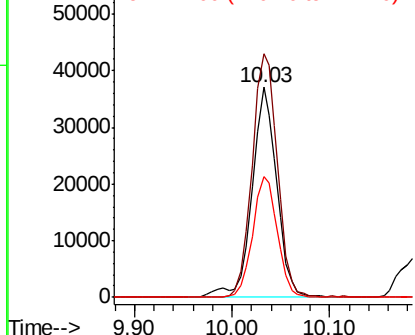
#27
 2,4-Dimethylphenol
 Concen: 48.870 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB115660BS

Tgt Ion: 122 Resp: 66050
 Ion Ratio Lower Upper
 122 100
 107 115.9 98.4 147.6
 121 57.7 47.2 70.8

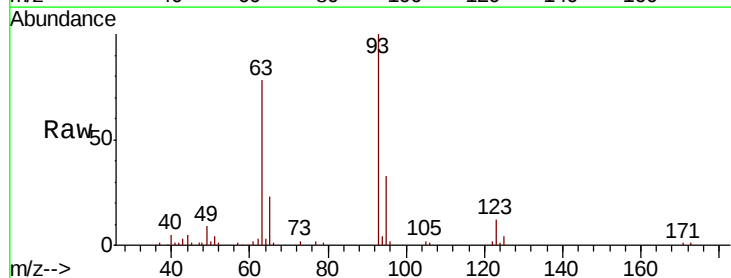


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

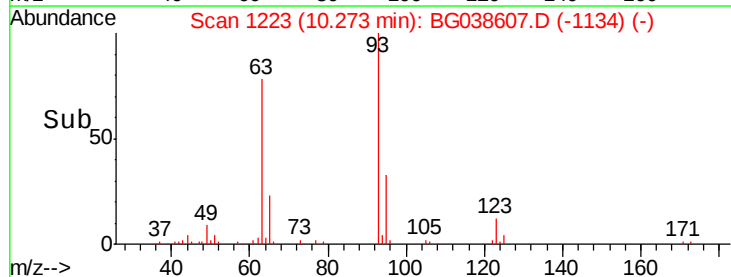
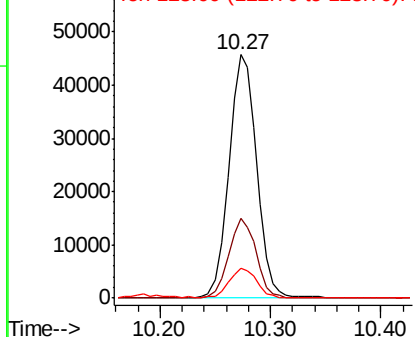


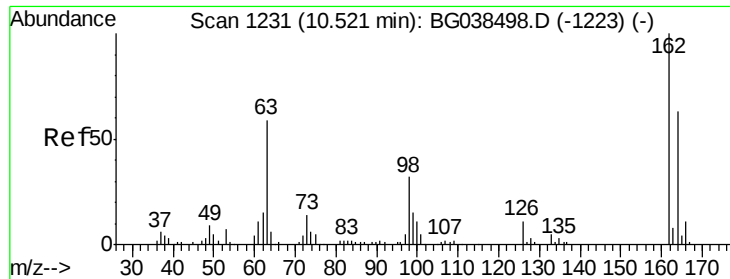
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.470 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Tgt Ion: 93 Resp: 80280
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.6 40.0
 123 12.2 10.6 16.0



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

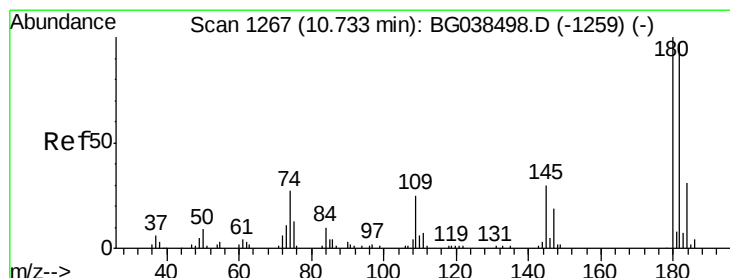
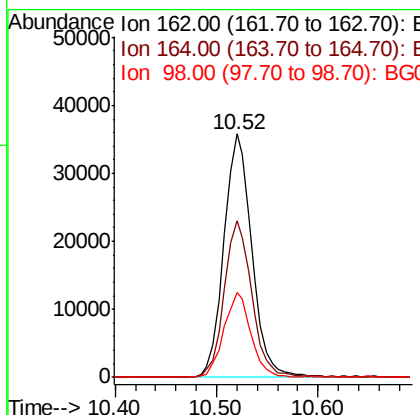
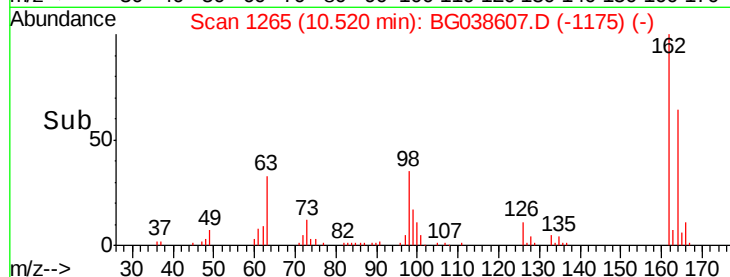
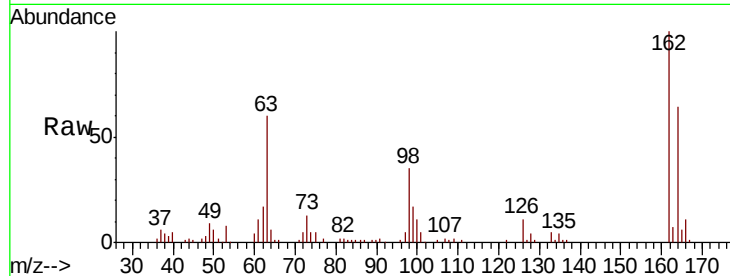




#29
 2,4-Dichlorophenol
 Concen: 45.494 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

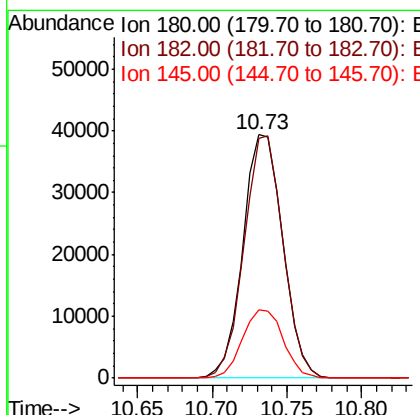
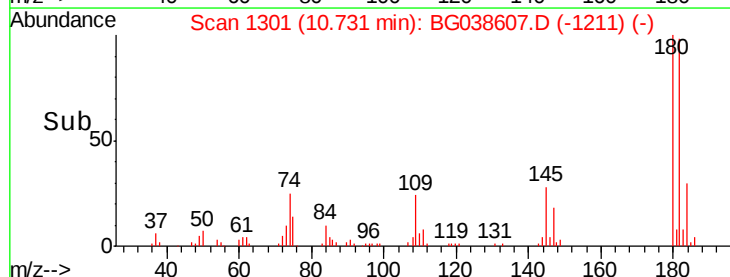
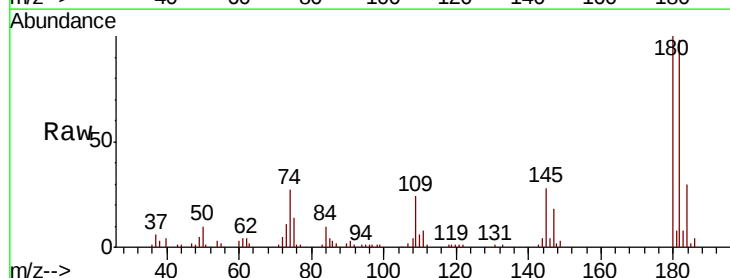
Instrument :
 BNA_G
 ClientSampleId :
 PB115660BS

Tgt Ion:162 Resp: 68404
 Ion Ratio Lower Upper
 162 100
 164 64.3 42.9 82.9
 98 34.8 12.1 52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.051 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Tgt Ion:180 Resp: 72740
 Ion Ratio Lower Upper
 180 100
 182 98.3 77.4 116.0
 145 27.9 24.1 36.1

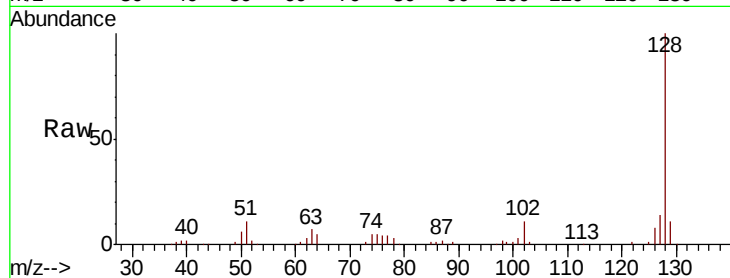




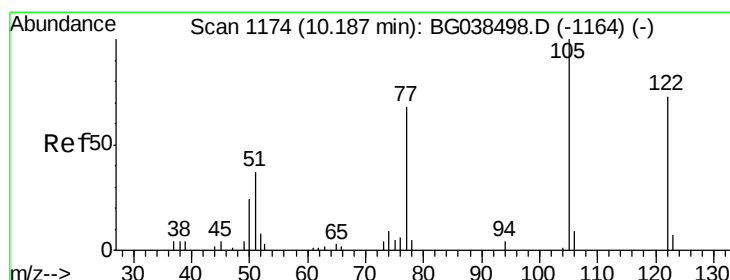
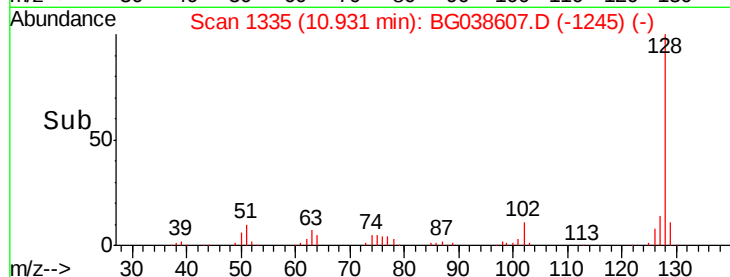
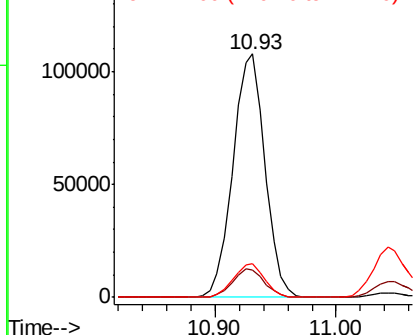
#31
Naphthalene
Concen: 43.363 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB115660BS

Tgt Ion:128 Resp: 198803
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.8 10.9 16.3

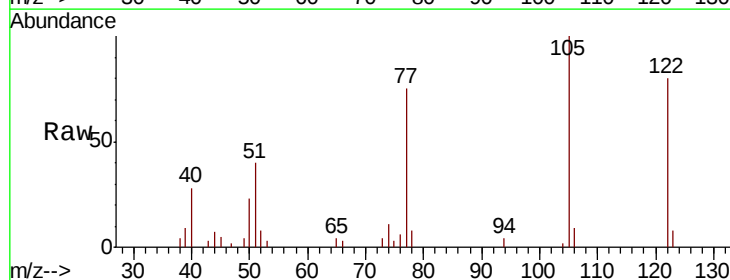


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

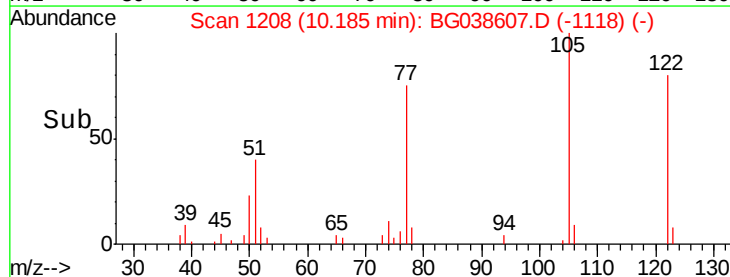
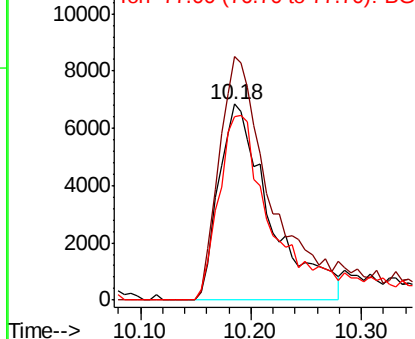


#32
Benzoic acid
Concen: 30.576 ng
RT: 10.18 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Tgt Ion:122 Resp: 22231
Ion Ratio Lower Upper
122 100
105 124.3 116.7 156.7
77 93.8 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

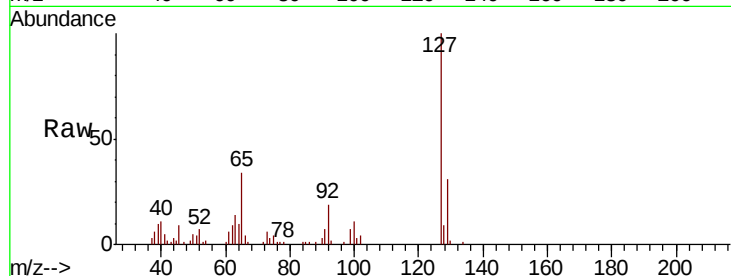




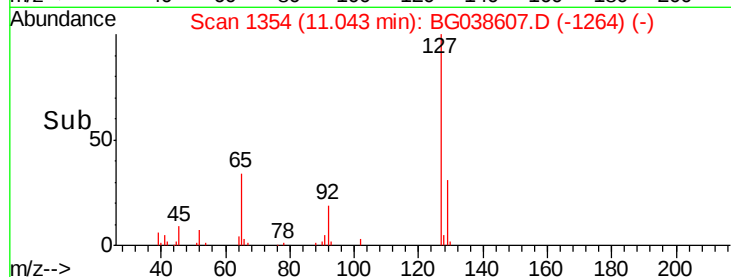
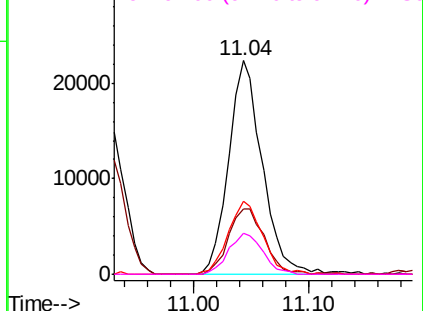
#33
4-Chloroaniline
Concen: 22.711 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB115660BS

Tgt Ion:	127	Resp:	45204
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.8	38.8
65	34.2	27.8	41.6
92	19.4	17.0	25.6

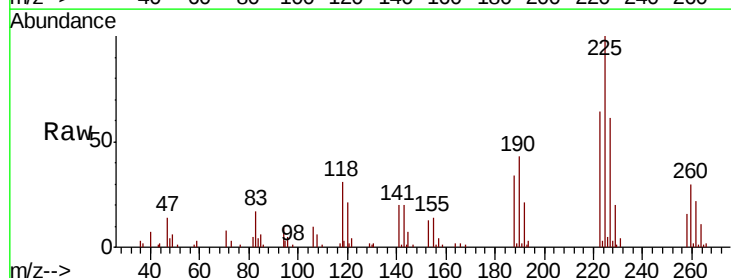


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

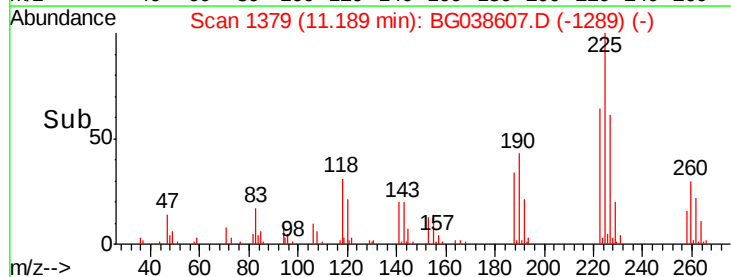
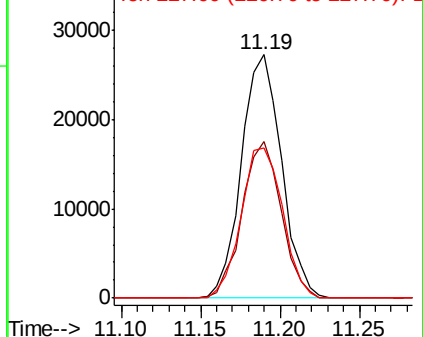


#34
Hexachlorobutadiene
Concen: 39.044 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Tgt Ion:	225	Resp:	47982
Ion	Ratio	Lower	Upper
225	100		
223	64.4	45.0	67.6
227	61.0	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

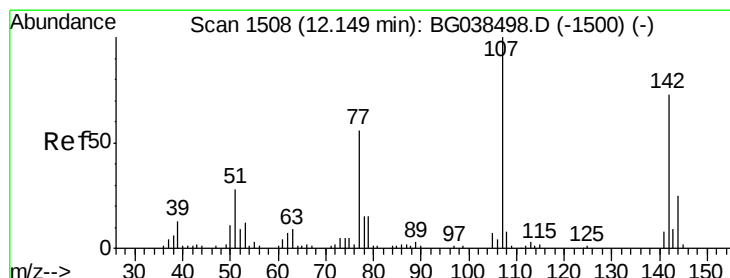
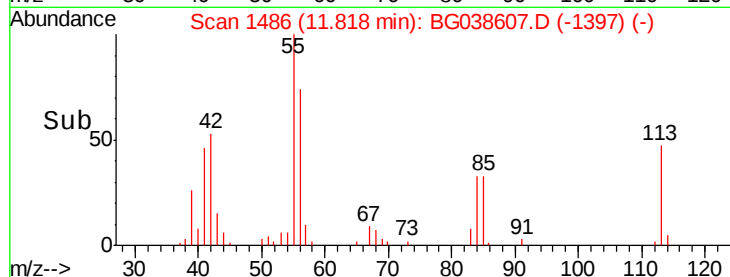
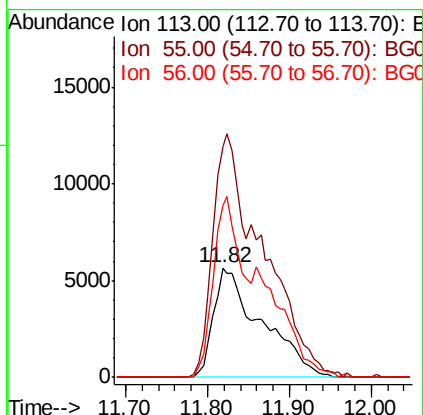
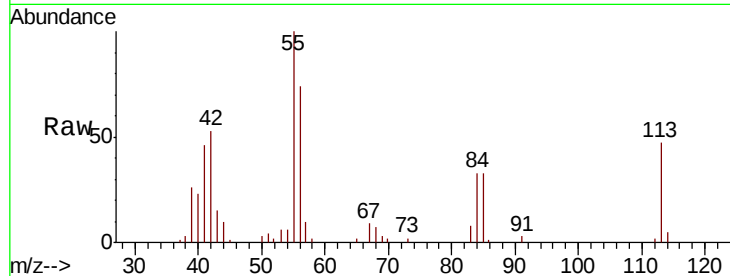




#35
 Caprolactam
 Concen: 37.136 ng
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

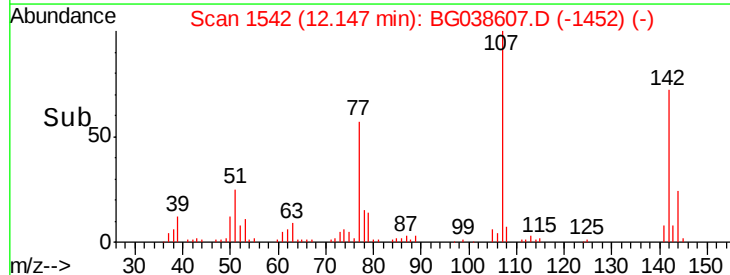
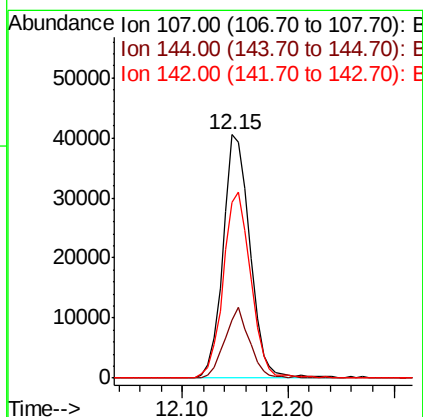
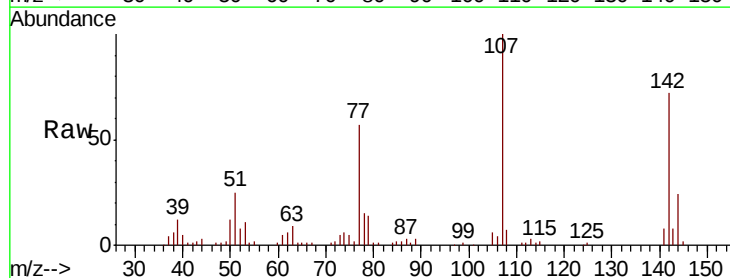
Instrument :
 BNA_G
 ClientSampleId :
 PB115660BS

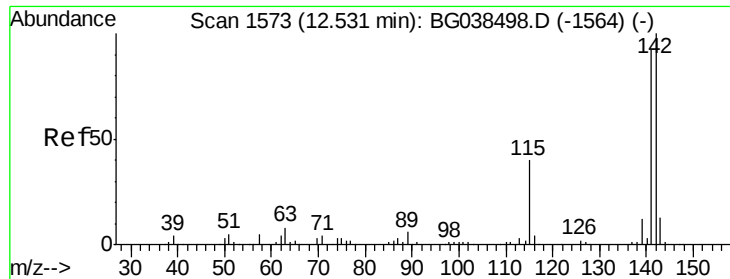
Tgt Ion:113 Resp: 23108
 Ion Ratio Lower Upper
 113 100
 55 210.6 204.3 244.3
 56 156.0 135.0 175.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.765 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Tgt Ion:107 Resp: 71662
 Ion Ratio Lower Upper
 107 100
 144 24.1 20.1 30.1
 142 72.1 58.7 88.1

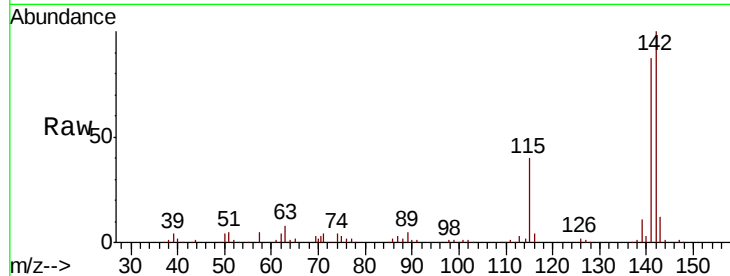




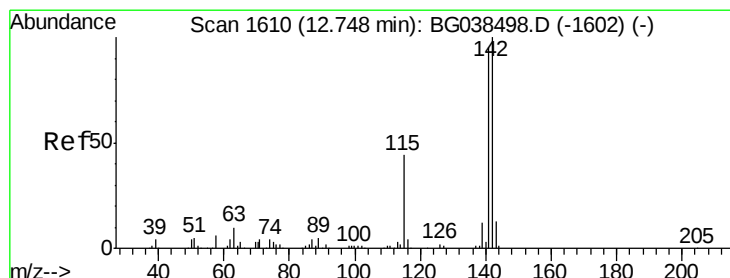
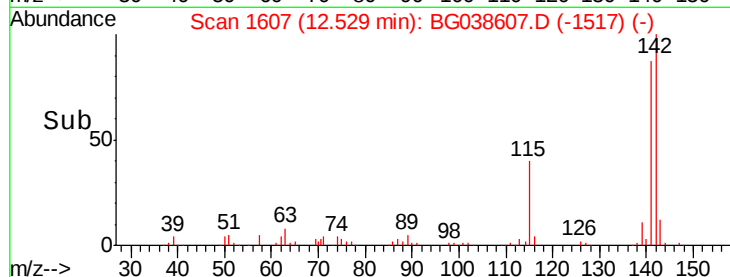
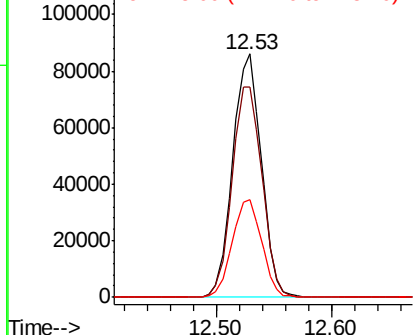
#37
 2-Methylnaphthalene
 Concen: 45.200 ng
 RT: 12.53 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB115660BS

Tgt Ion:142 Resp: 147835
 Ion Ratio Lower Upper
 142 100
 141 86.5 73.5 110.3
 115 39.9 31.7 47.5

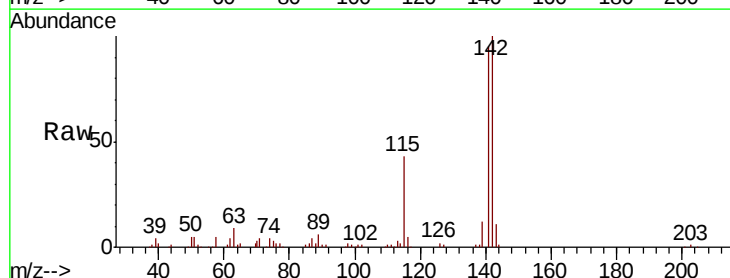


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

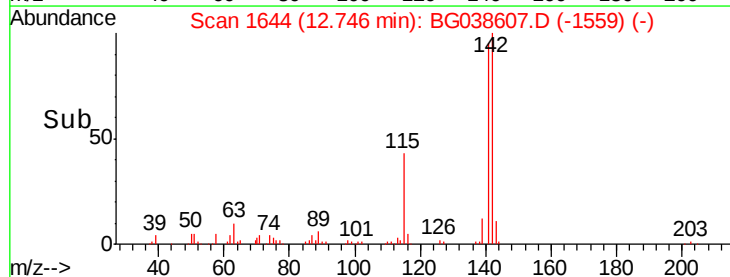
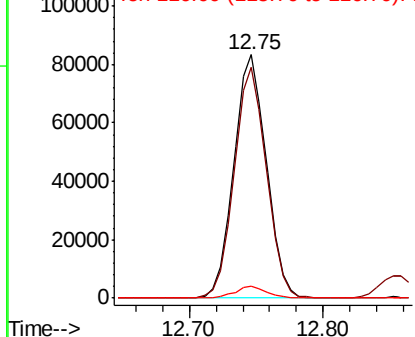


#38
 1-Methylnaphthalene
 Concen: 44.101 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Tgt Ion:142 Resp: 139969
 Ion Ratio Lower Upper
 142 100
 141 95.0 75.8 113.8
 116 5.0 3.6 5.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB115660BS

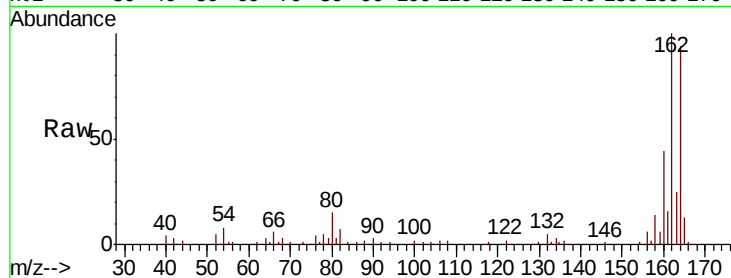
Tgt Ion:164 Resp: 59291

Ion Ratio Lower Upper

164 100

162 106.8 86.6 130.0

160 46.7 34.2 51.2

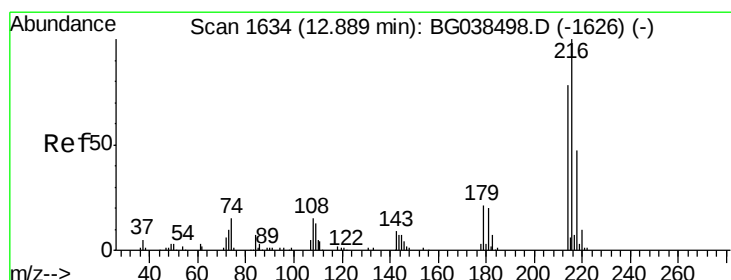
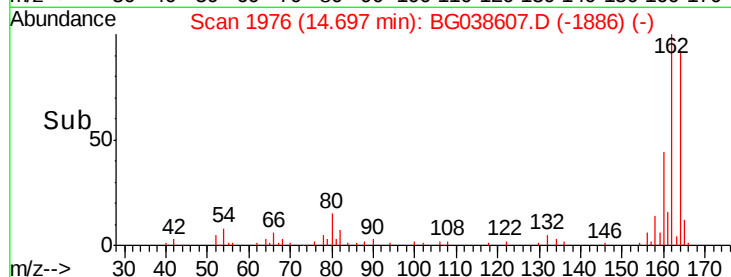
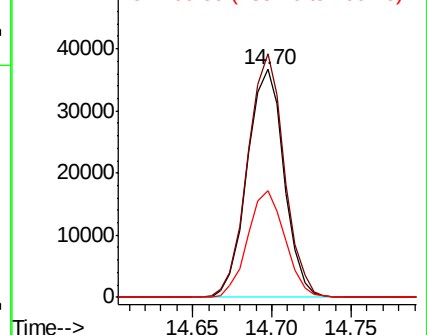


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.654 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

Tgt Ion:216 Resp: 85667

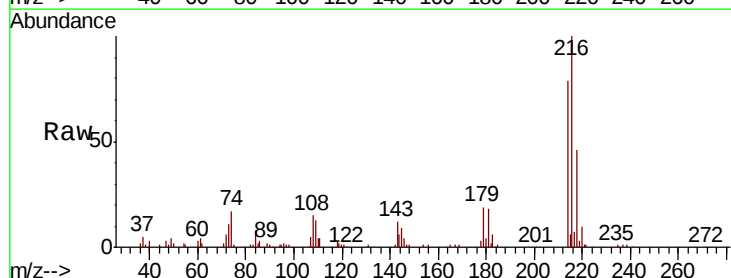
Ion Ratio Lower Upper

216 100

214 79.2 64.1 96.1

179 20.2 16.4 24.6

108 19.0 13.9 20.9



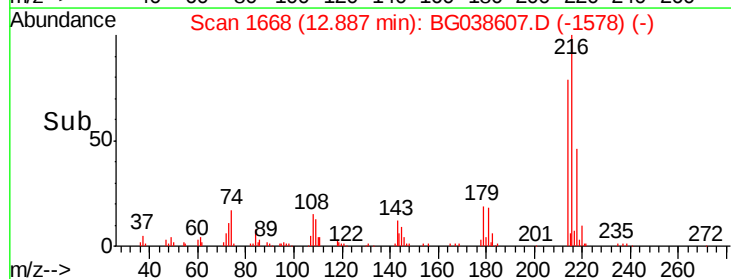
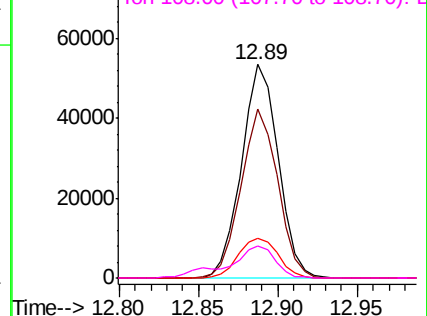
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 99.289 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB115660BS

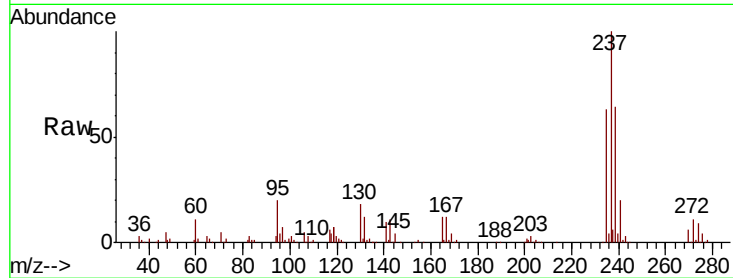
Tgt Ion:237 Resp: 120896

Ion Ratio Lower Upper

237 100

235 62.6 38.8 78.8

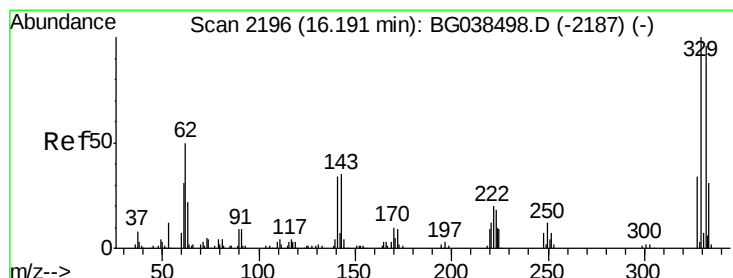
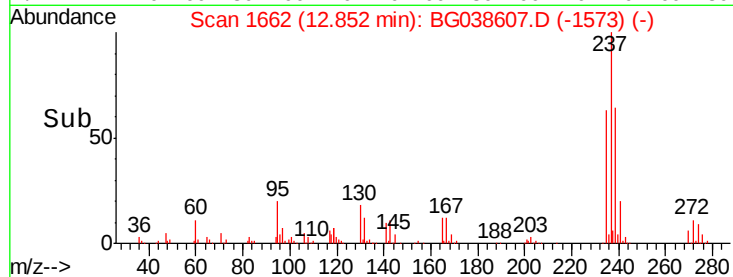
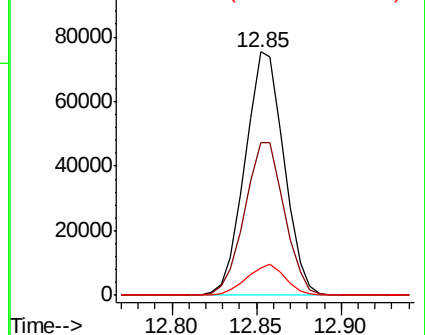
272 11.1 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 117.740 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

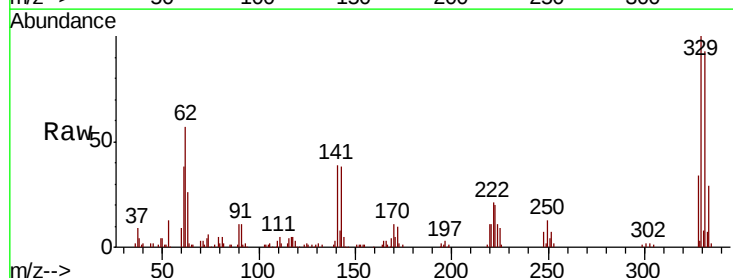
Tgt Ion:330 Resp: 96210

Ion Ratio Lower Upper

330 100

332 94.9 76.9 115.3

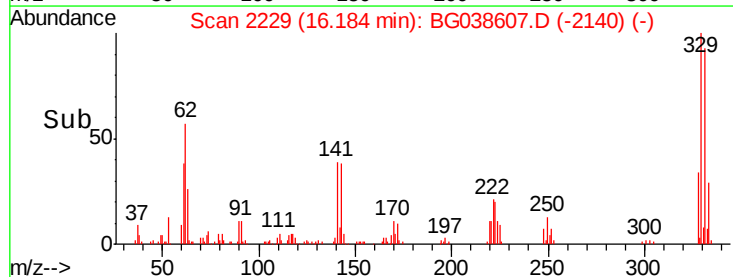
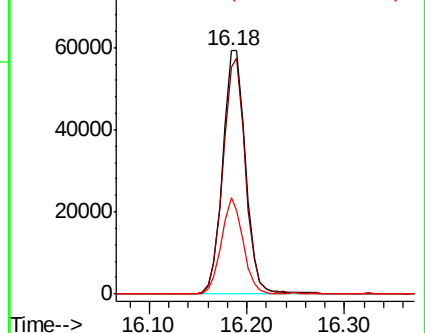
141 37.1 28.8 43.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

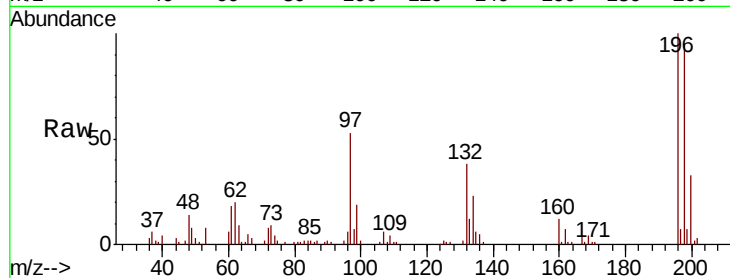




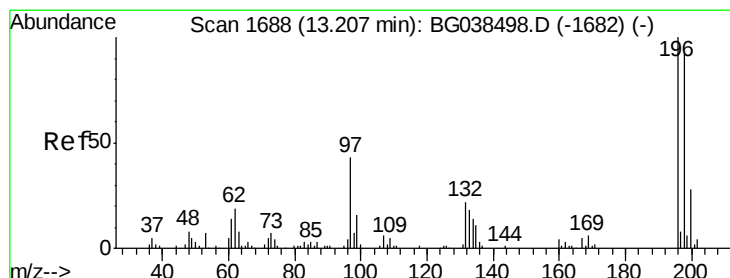
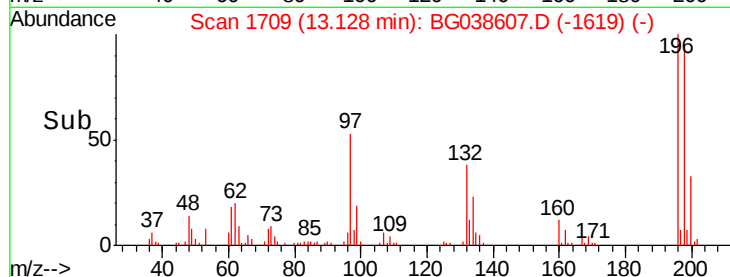
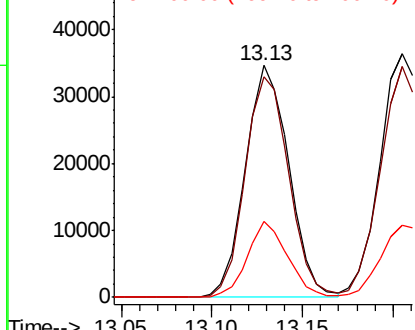
#43
 2,4,6-Trichlorophenol
 Concen: 42.429 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB115660BS

Tgt Ion:196 Resp: 57819
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.0 112.4
 200 32.7 22.4 33.6

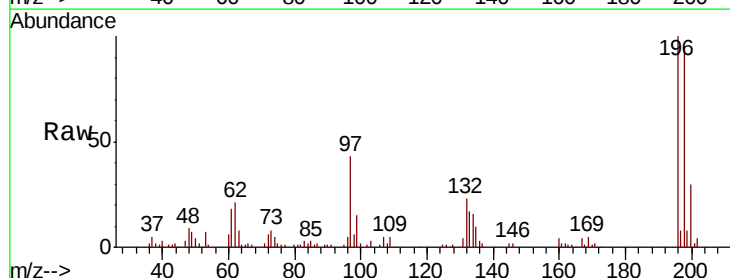


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

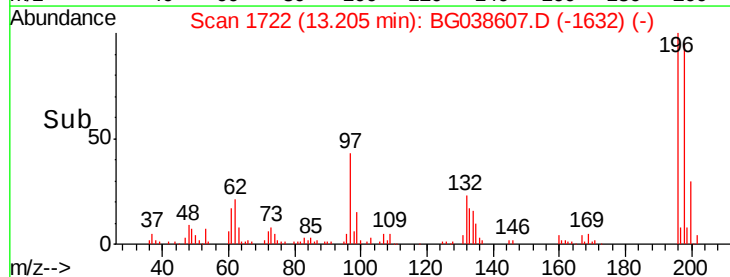
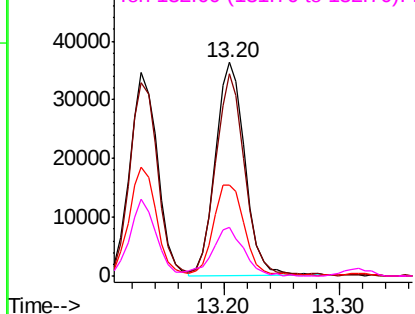


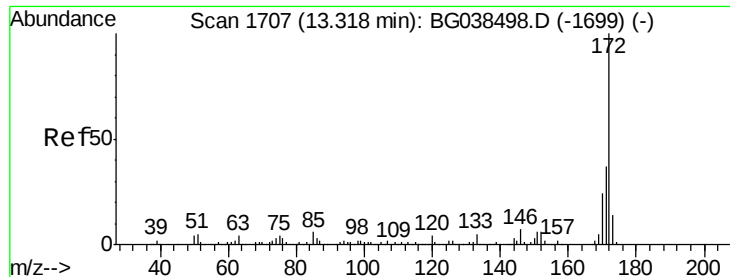
#44
 2,4,5-Trichlorophenol
 Concen: 44.525 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Tgt Ion:196 Resp: 64241
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.0 111.0
 97 42.8 35.1 52.7
 132 22.9 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

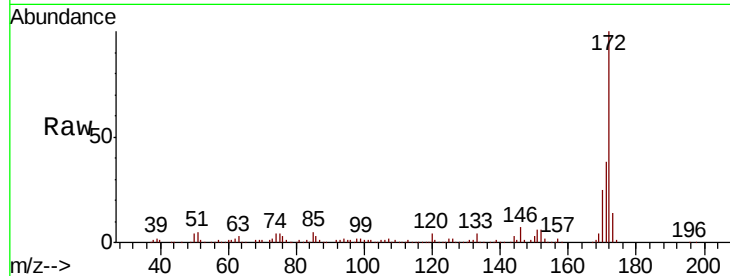




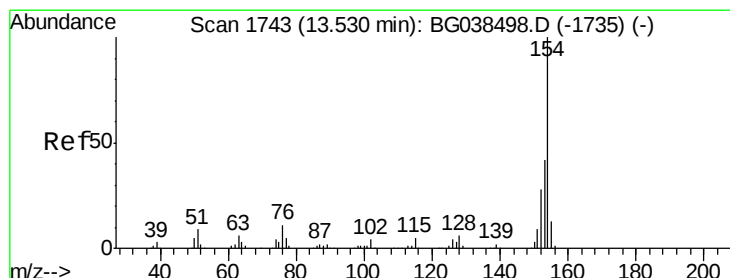
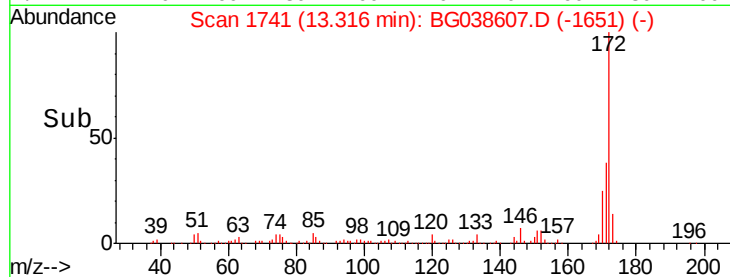
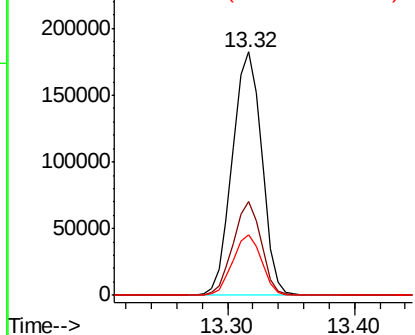
#45
2-Fluorobiphenyl
Concen: 67.661 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB115660BS

Tgt Ion:172 Resp: 292430
Ion Ratio Lower Upper
172 100
171 38.5 29.8 44.6
170 24.7 19.5 29.3

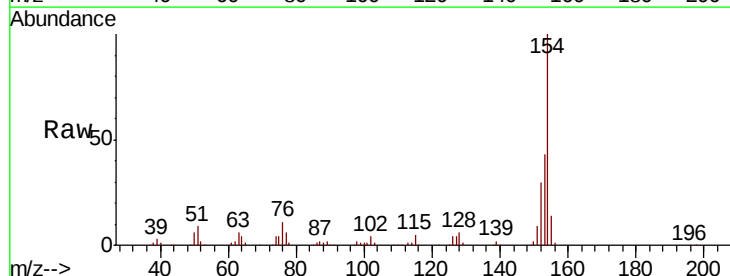


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

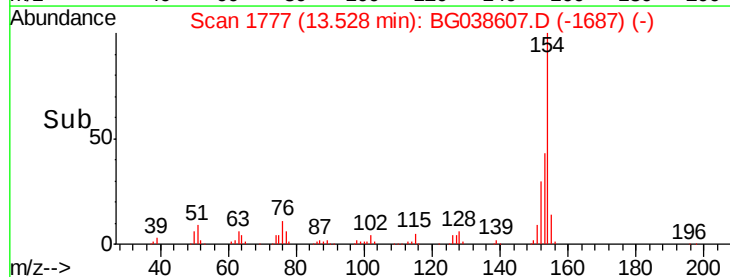
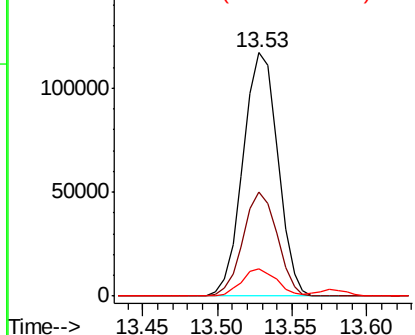


#46
1,1'-Biphenyl
Concen: 37.957 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Tgt Ion:154 Resp: 188664
Ion Ratio Lower Upper
154 100
153 42.8 22.1 62.1
76 11.4 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): BGC

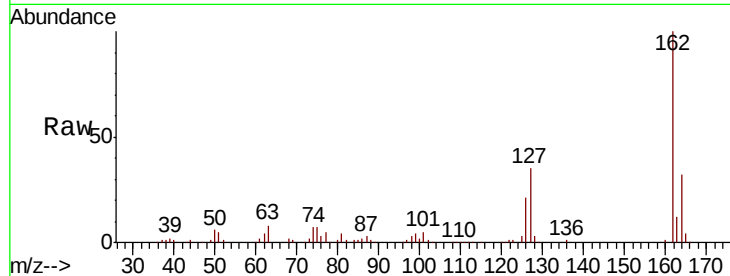




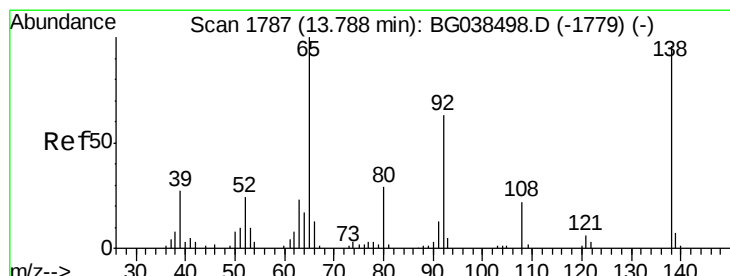
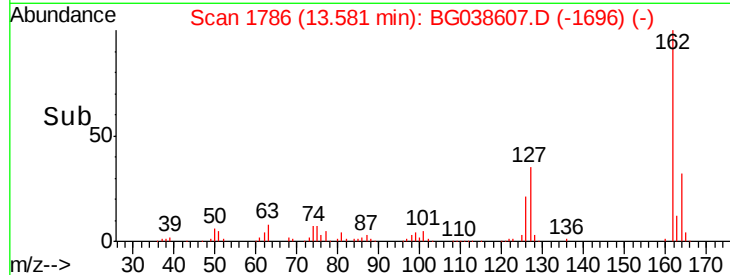
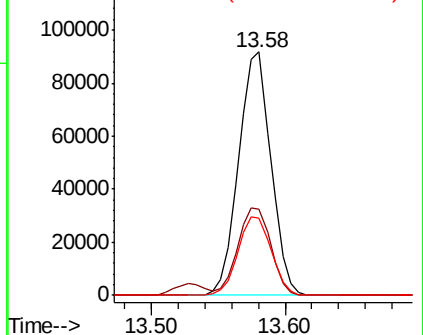
#47
 2-Chloronaphthalene
 Concen: 39.912 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB115660BS

Tgt Ion: 162 Resp: 153241
 Ion Ratio Lower Upper
 162 100
 127 35.5 27.8 41.8
 164 31.7 26.9 40.3

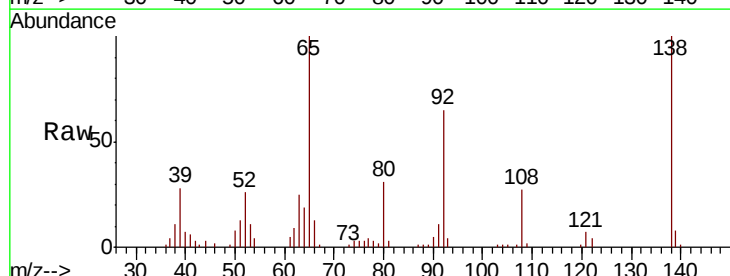


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

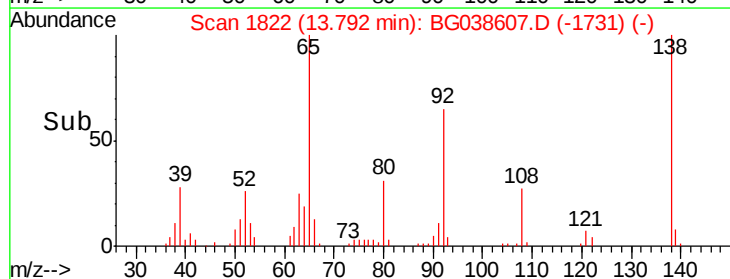
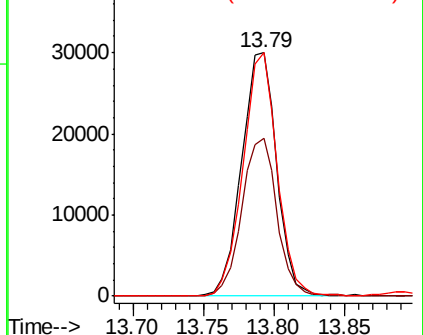


#48
 2-Nitroaniline
 Concen: 42.636 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Tgt Ion: 65 Resp: 52142
 Ion Ratio Lower Upper
 65 100
 92 64.6 50.0 75.0
 138 99.8 76.9 115.3



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





#49

Acenaphthylene

Concen: 43.606 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB115660BS

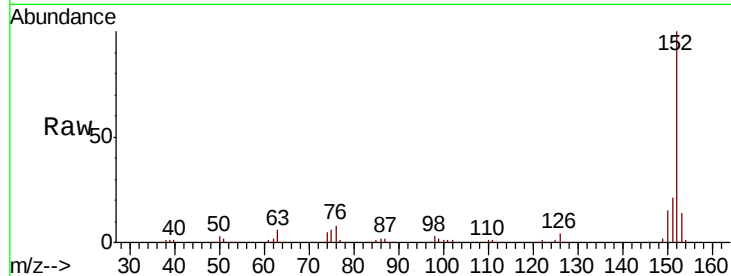
Tgt Ion:152 Resp: 250288

Ion Ratio Lower Upper

152 100

151 21.2 16.4 24.6

153 13.8 10.4 15.6

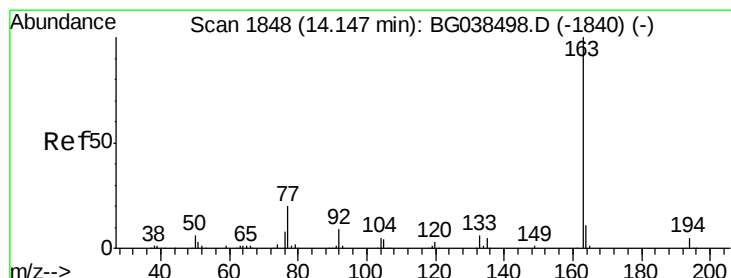
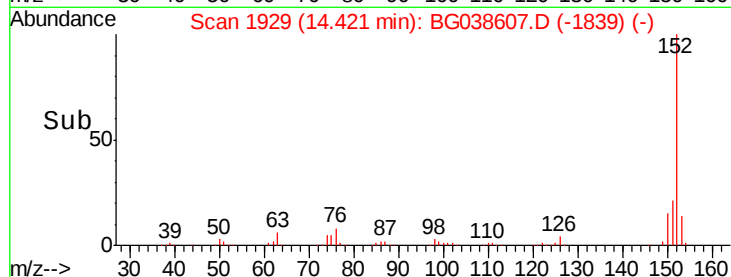
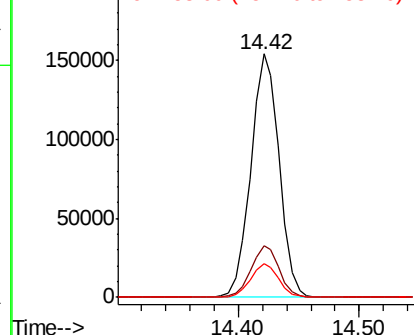


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.902 ng

RT: 14.14 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

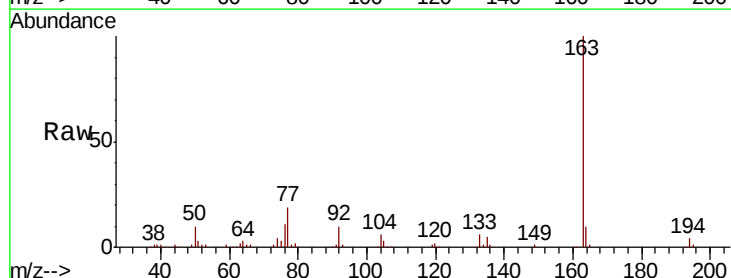
Tgt Ion:163 Resp: 202886

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

164 10.4 8.6 12.8

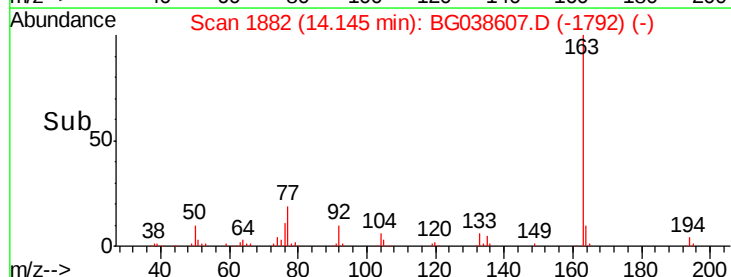
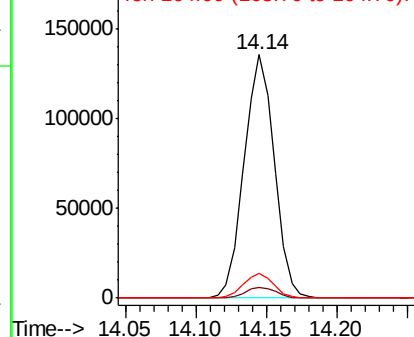


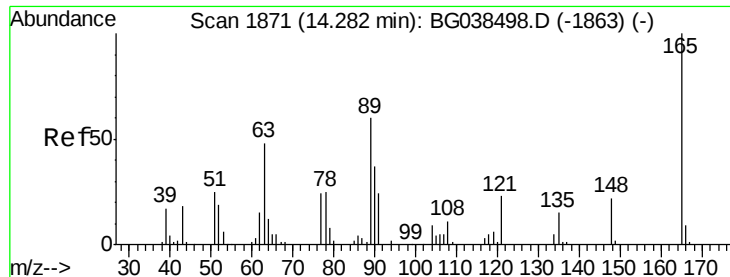
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

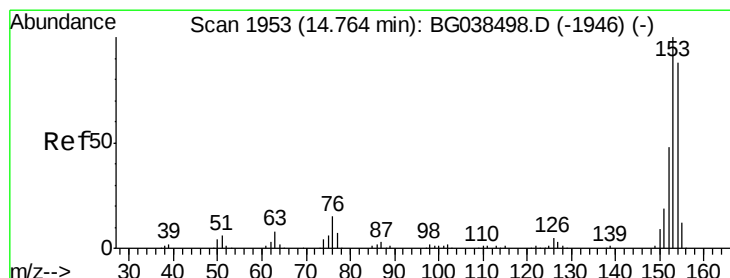
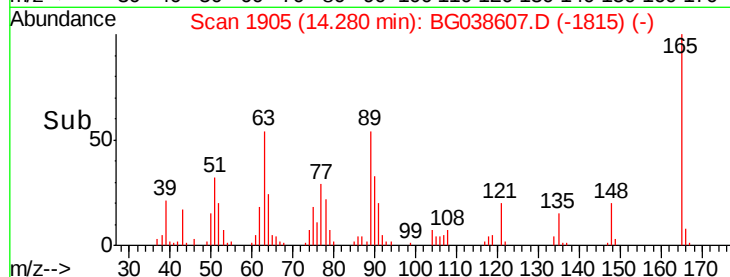
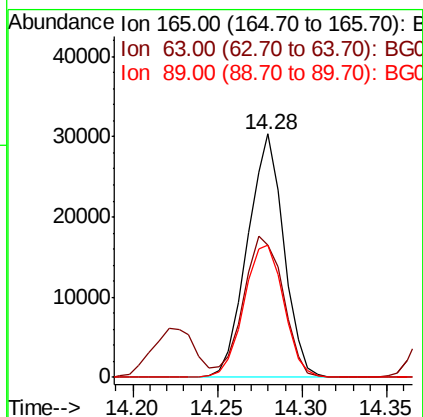
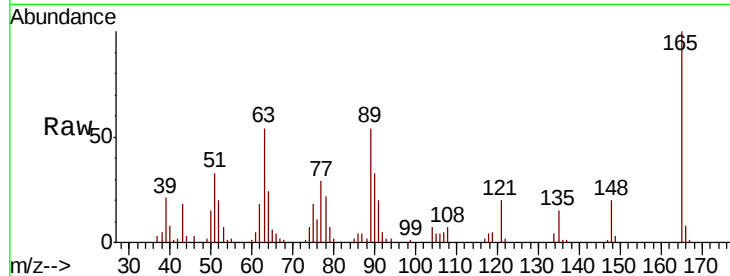




#51
 2,6-Dinitrotoluene
 Concen: 41.389 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

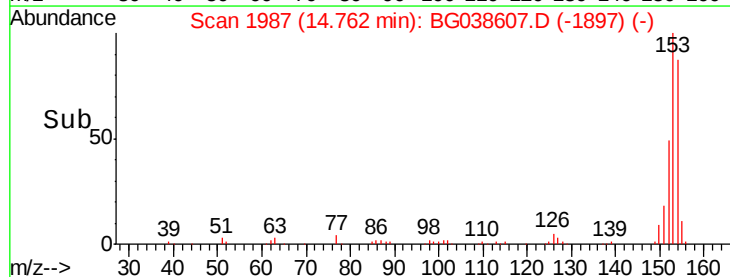
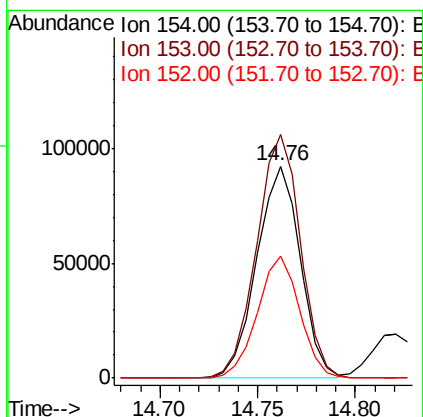
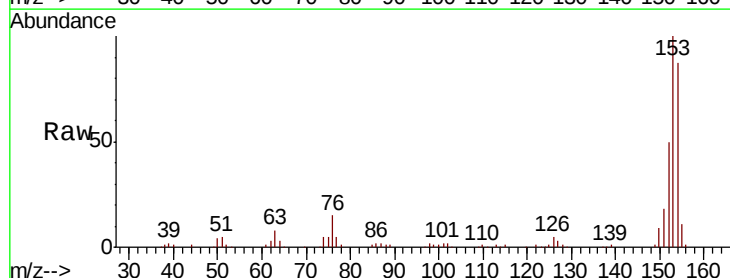
Instrument :
 BNA_G
 ClientSampleId :
 PB115660BS

Tgt Ion:165 Resp: 45414
 Ion Ratio Lower Upper
 165 100
 63 54.4 51.8 77.6
 89 54.5 47.9 71.9



#52
 Acenaphthene
 Concen: 41.524 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Tgt Ion:154 Resp: 142518
 Ion Ratio Lower Upper
 154 100
 153 114.8 90.6 136.0
 152 57.4 43.5 65.3





#53

3-Nitroaniline

Concen: 29.669 ng

RT: 14.61 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB115660BS

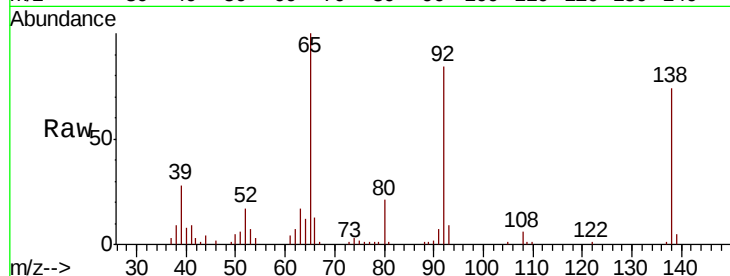
Tgt Ion:138 Resp: 33185

Ion Ratio Lower Upper

138 100

108 8.6 7.9 11.9

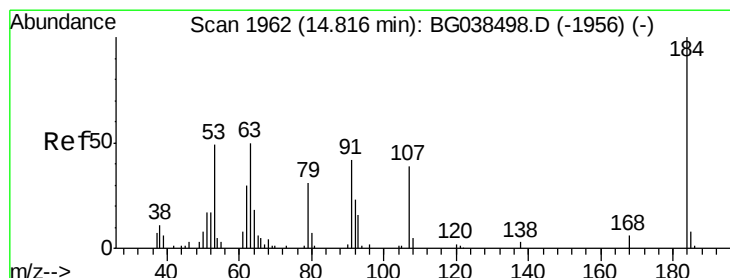
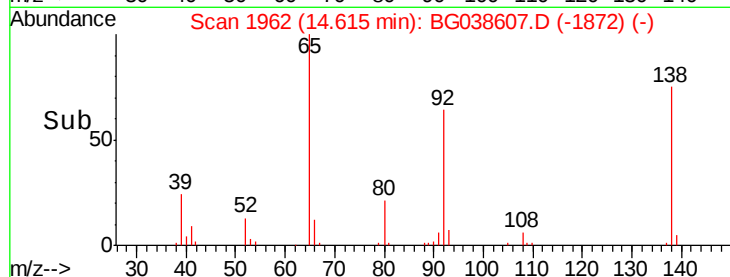
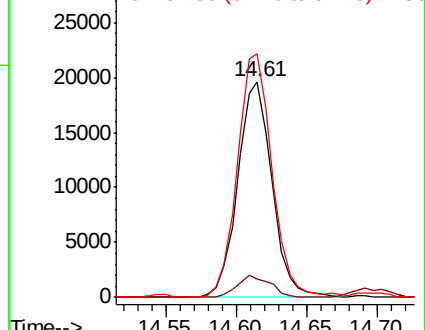
92 113.0 95.3 142.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 77.959 ng

RT: 14.82 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

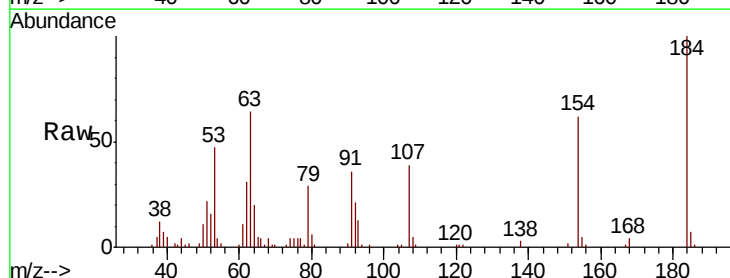
Tgt Ion:184 Resp: 50805

Ion Ratio Lower Upper

184 100

63 64.1 47.0 70.6

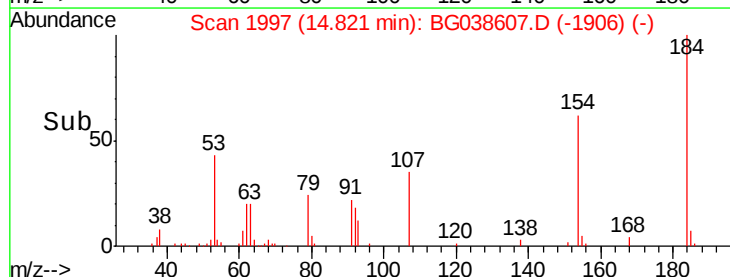
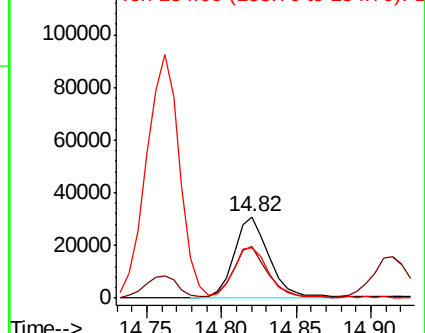
154 61.7 50.3 75.5

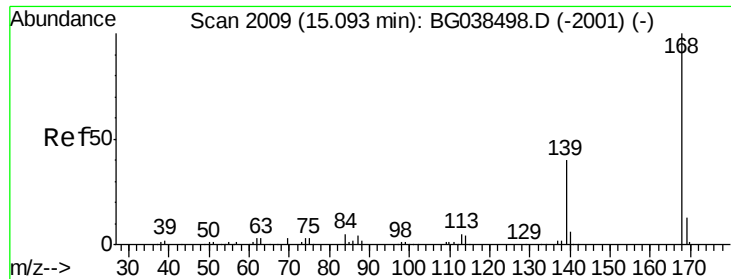


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

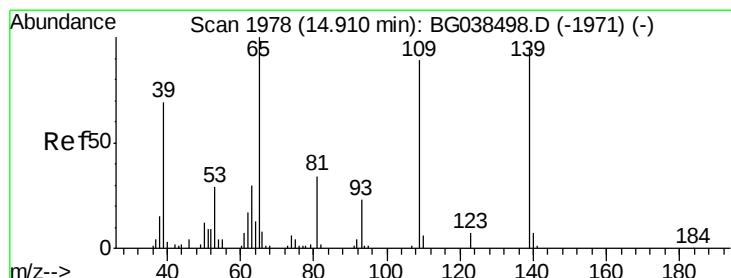
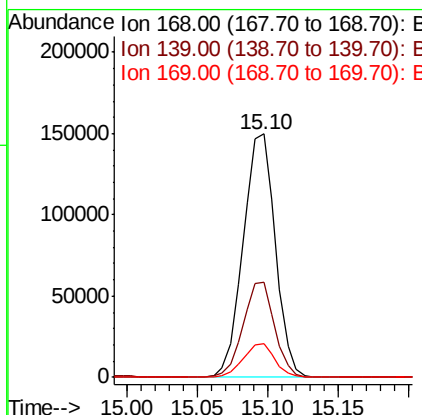
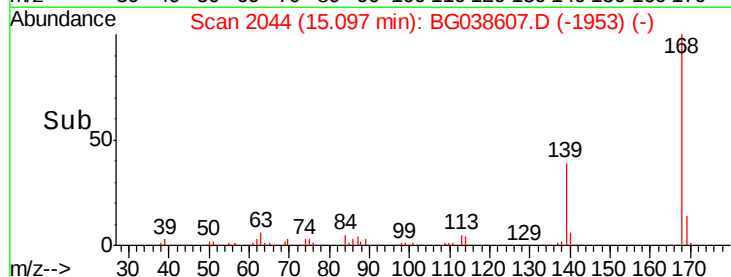
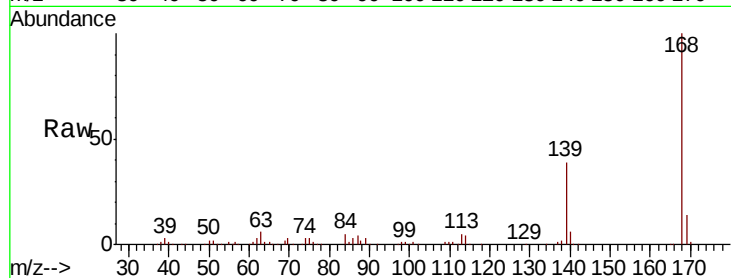




#55
Dibenzenofuran
Concen: 40.630 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

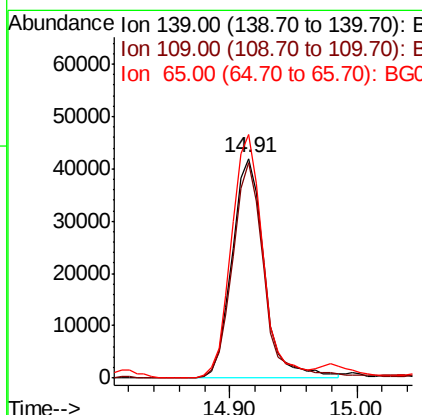
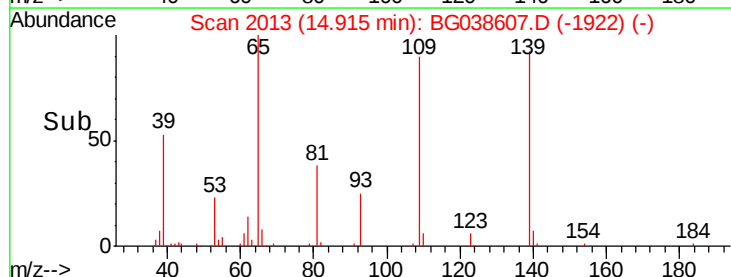
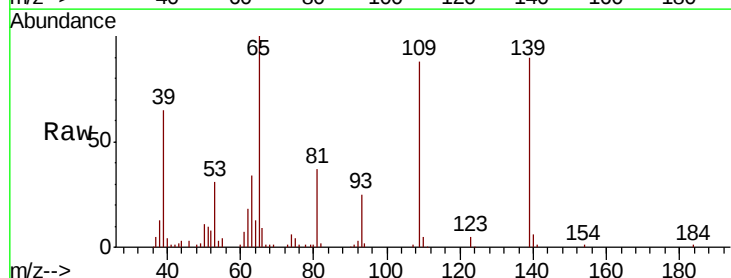
Instrument :
BNA_G
ClientSampleId :
PB115660BS

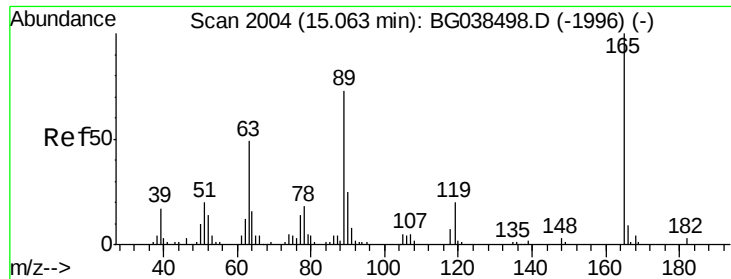
Tgt Ion:	168	Resp:	239041
Ion	Ratio	Lower	Upper
168	100		
139	39.2	32.2	48.2
169	14.0	10.6	16.0



#56
4-Nitrophenol
Concen: 87.032 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Tgt Ion:	139	Resp:	73850
Ion	Ratio	Lower	Upper
139	100		
109	97.9	73.6	113.6
65	110.9	84.8	124.8

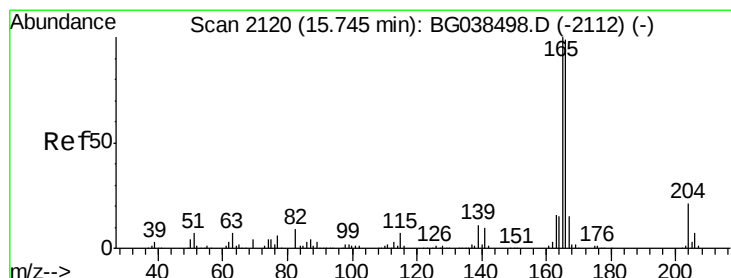
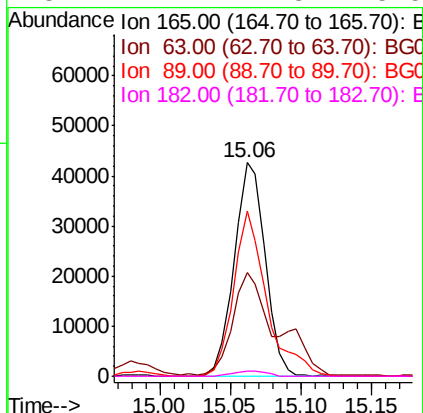
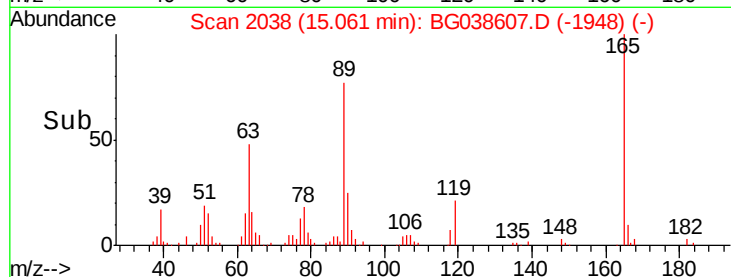
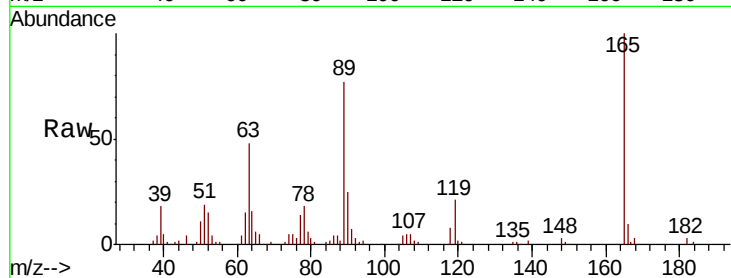




#57
 2,4-Dinitrotoluene
 Concen: 42.294 ng
 RT: 15.06 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

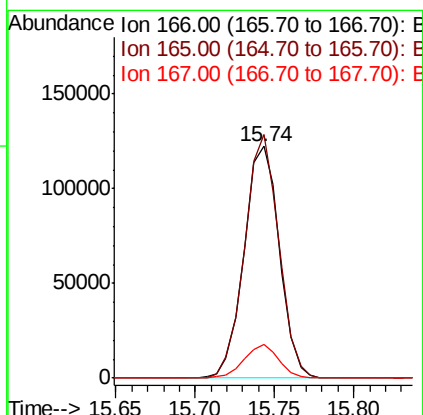
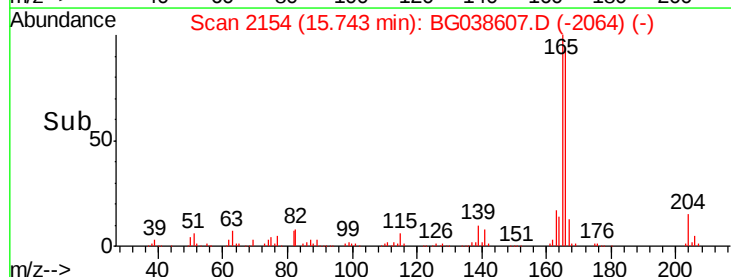
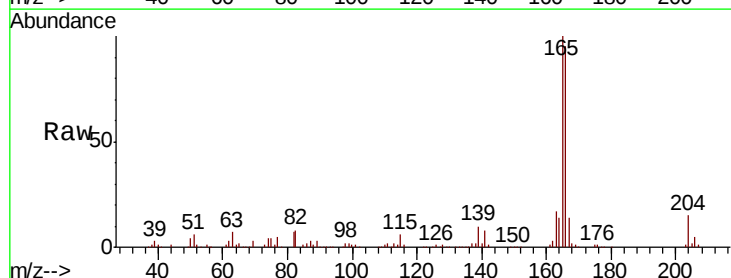
Instrument :
 BNA_G
 ClientSampleId :
 PB115660BS

Tgt Ion:	165	Resp:	65363
Ion	Ratio	Lower	Upper
165	100		
63	48.4	39.0	58.4
89	77.2	58.0	87.0
182	2.7	2.3	3.5



#58
 Fluorene
 Concen: 43.428 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Tgt Ion:	166	Resp:	189295
Ion	Ratio	Lower	Upper
166	100		
165	105.0	80.6	120.8
167	14.3	12.0	18.0

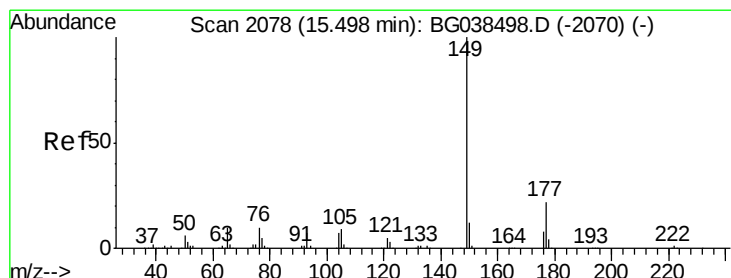
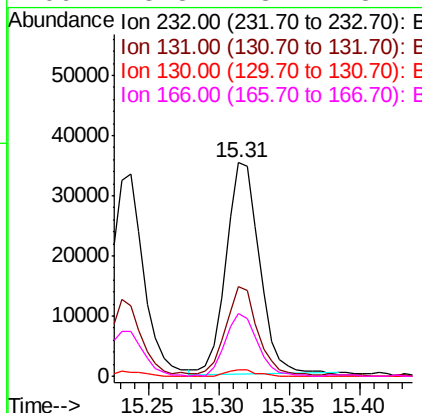
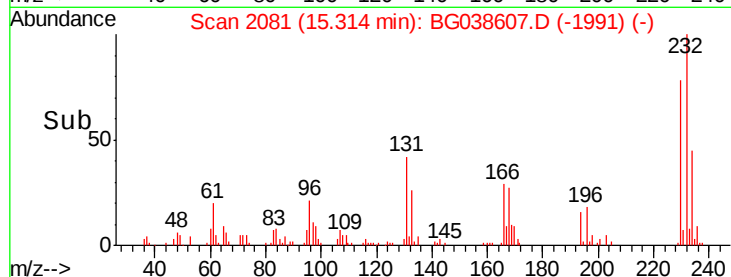
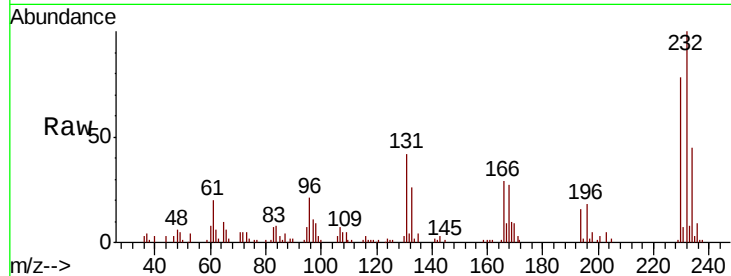




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.504 ng
RT: 15.31 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

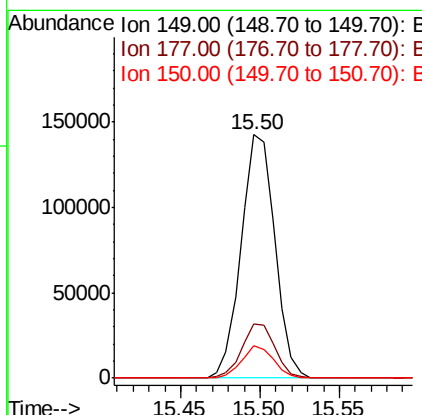
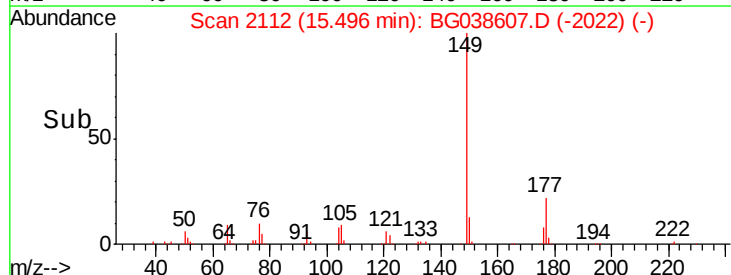
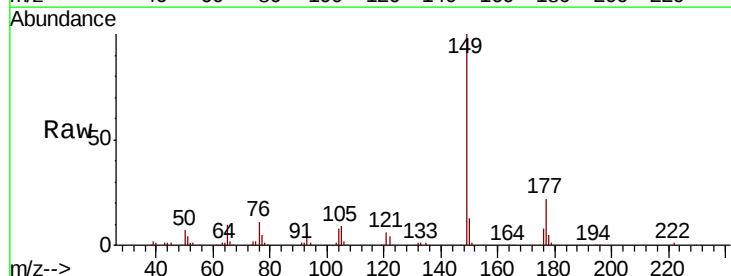
Instrument :
BNA_G
ClientSampleId :
PB115660BS

Tgt Ion:232 Resp: 57769
Ion Ratio Lower Upper
232 100
131 39.6 33.0 49.4
130 2.6 2.0 3.0
166 28.8 23.1 34.7



#60
Diethylphthalate
Concen: 39.586 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Tgt Ion:149 Resp: 210416
Ion Ratio Lower Upper
149 100
177 22.4 17.7 26.5
150 13.3 9.9 14.9

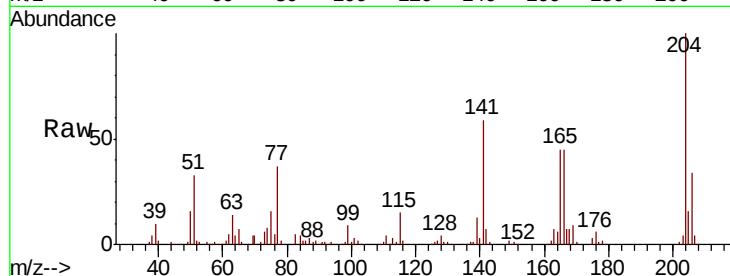




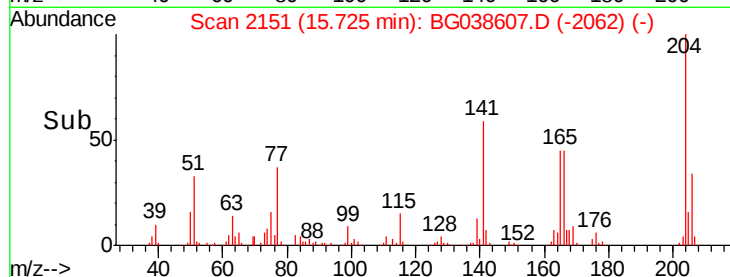
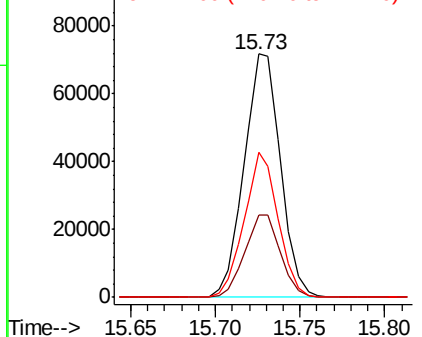
#61
4-Chlorophenyl-phenylether
Concen: 39.405 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB115660BS

Tgt Ion:204 Resp: 107168
Ion Ratio Lower Upper
204 100
206 33.8 26.0 39.0
141 59.3 44.4 66.6

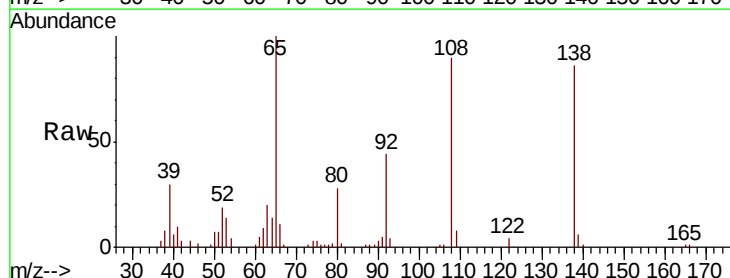


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

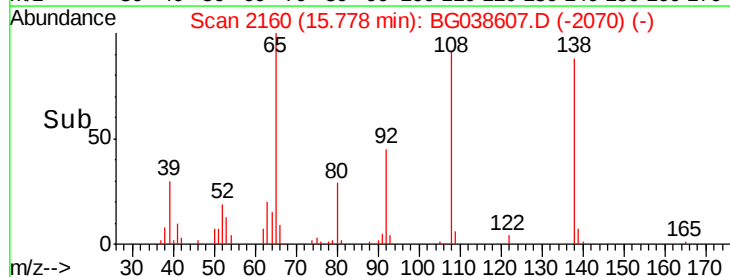
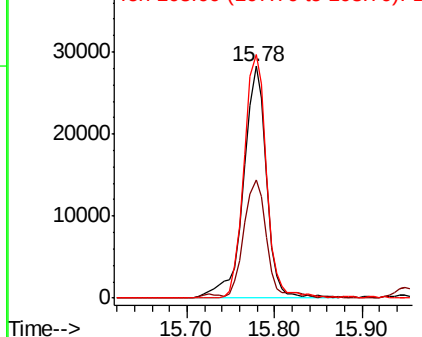


#62
4-Nitroaniline
Concen: 43.129 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Tgt Ion:138 Resp: 49665
Ion Ratio Lower Upper
138 100
92 50.9 33.3 73.3
108 105.1 81.4 121.4



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

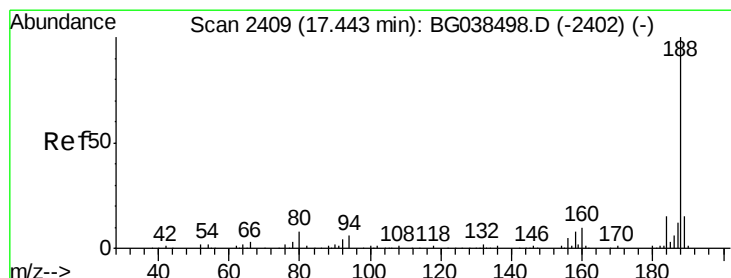
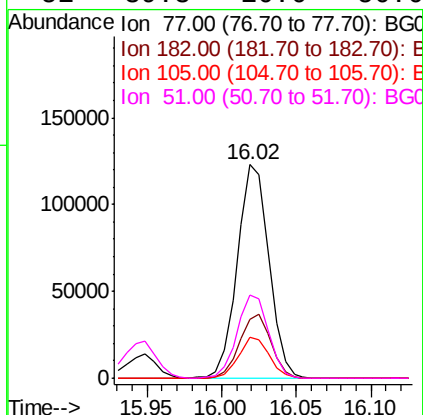
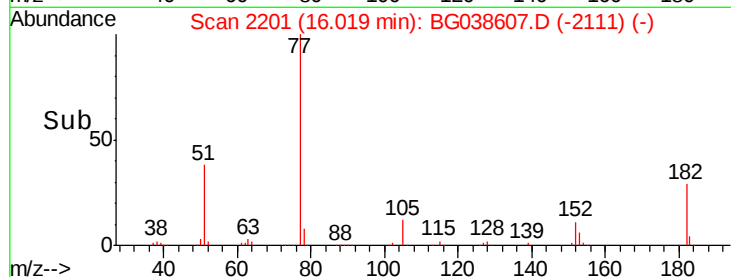
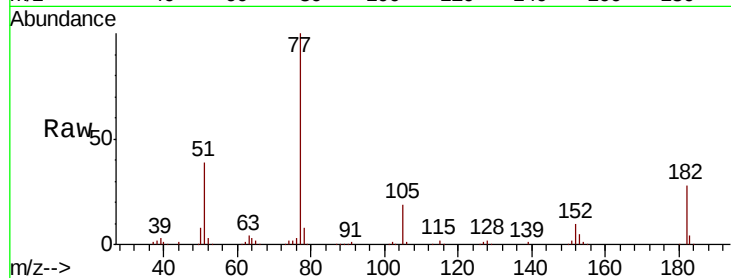




#63
Azobenzene
Concen: 40.822 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

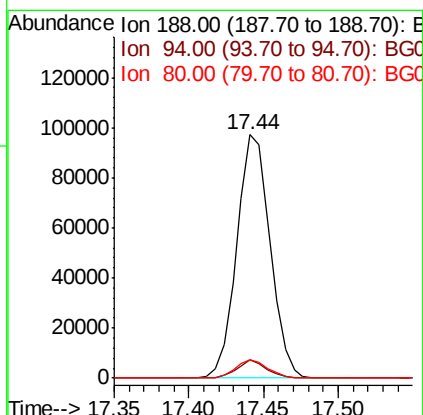
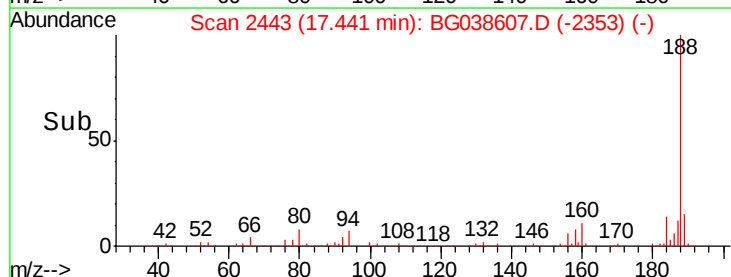
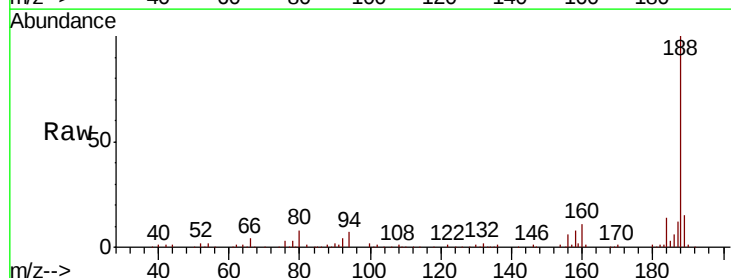
Instrument :
BNA_G
ClientSampleId :
PB115660BS

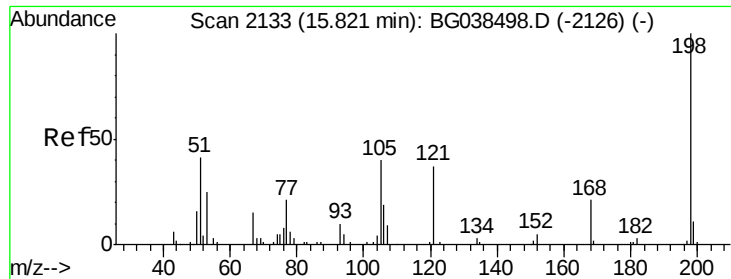
Tgt Ion: 77 Resp: 181263
Ion Ratio Lower Upper
77 100
182 27.9 8.7 48.7
105 19.1 0.0 38.7
51 39.3 16.6 56.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Tgt Ion: 188 Resp: 150617
Ion Ratio Lower Upper
188 100
94 7.3 5.1 7.7
80 7.7 6.1 9.1

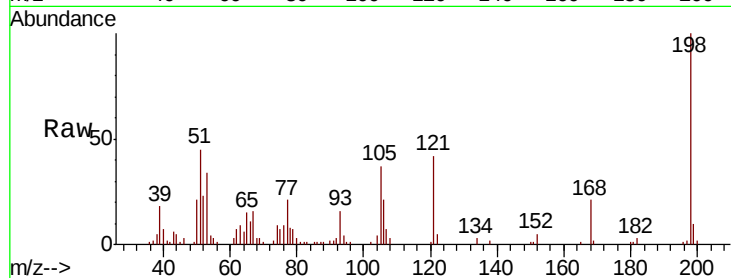




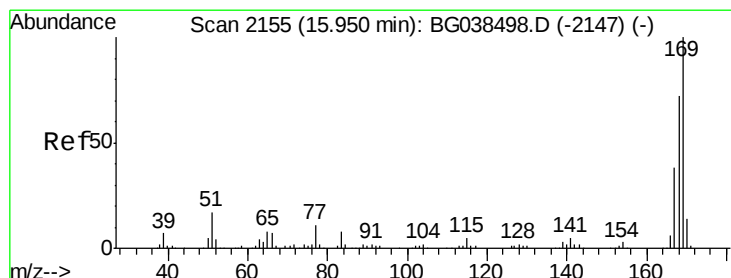
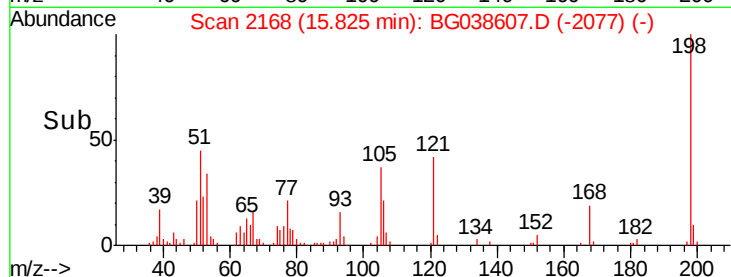
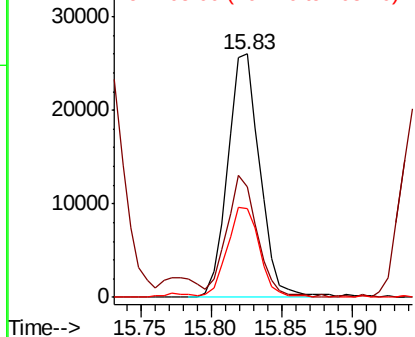
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.455 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB115660BS

Tgt Ion:198 Resp: 41317
 Ion Ratio Lower Upper
 198 100
 51 45.4 28.6 68.6
 105 36.5 20.4 60.4

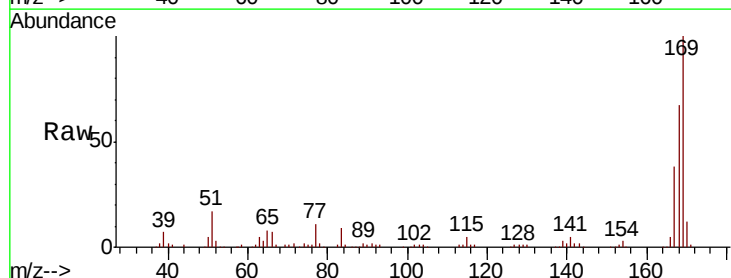


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

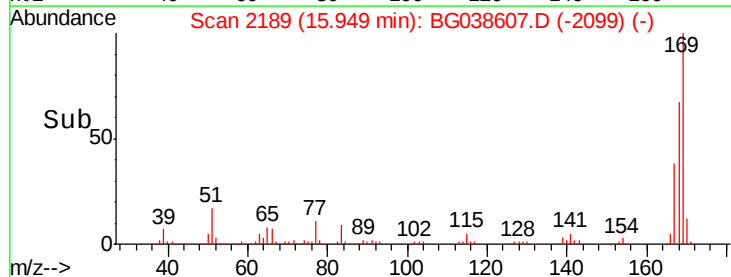
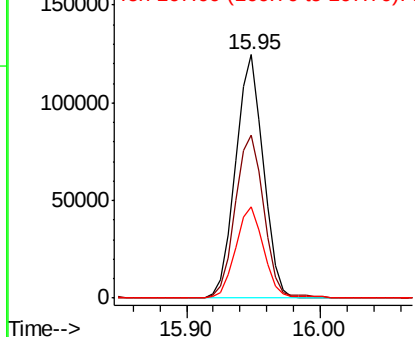


#66
 n-Nitrosodiphenylamine
 Concen: 40.575 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Tgt Ion:169 Resp: 179562
 Ion Ratio Lower Upper
 169 100
 168 66.7 57.5 86.3
 167 37.6 30.2 45.2



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





#67

4-Bromophenyl-phenylether

Concen: 38.743 ng

RT: 16.62 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB115660BS

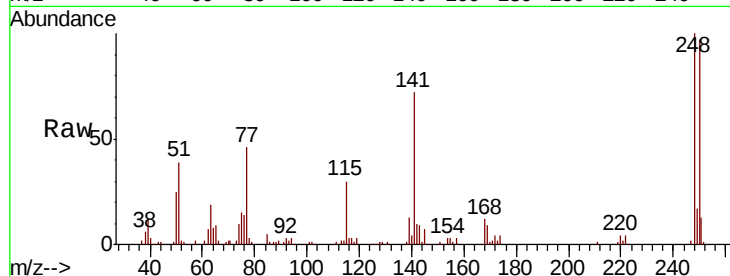
Tgt Ion:248 Resp: 71266

Ion Ratio Lower Upper

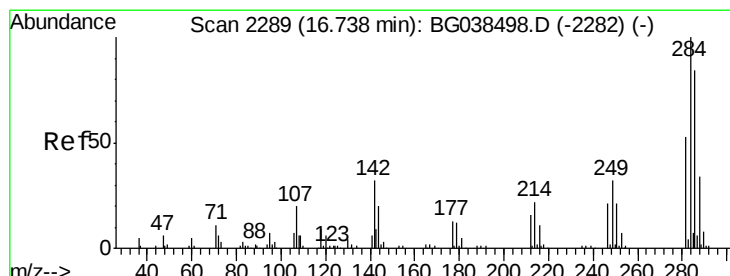
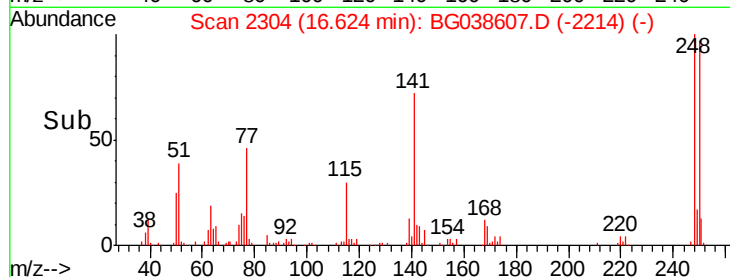
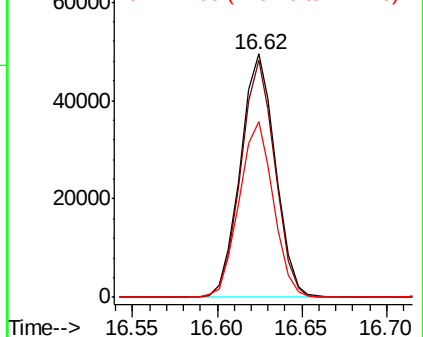
248 100

250 97.4 73.4 110.2

141 72.1 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: 38.422 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

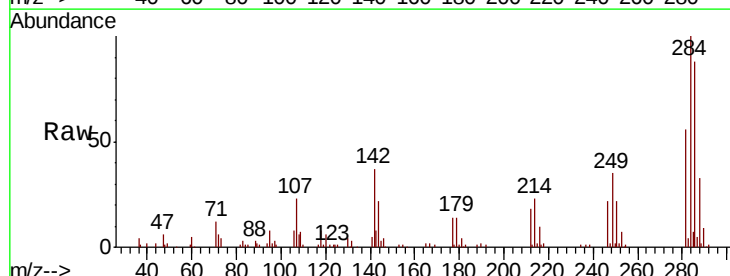
Tgt Ion:284 Resp: 73263

Ion Ratio Lower Upper

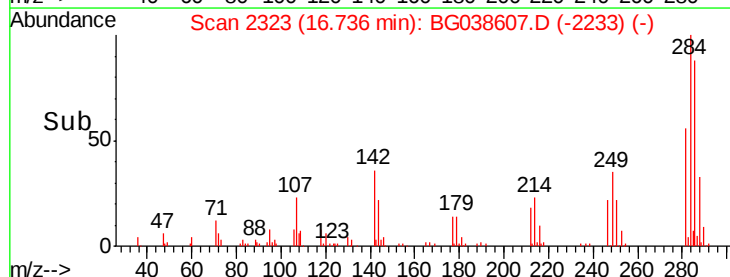
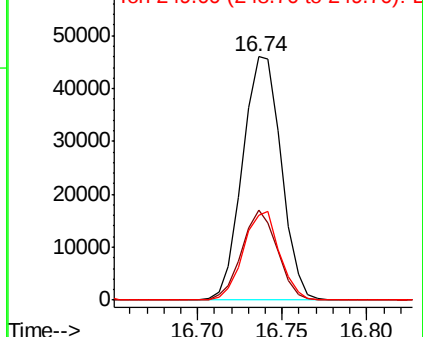
284 100

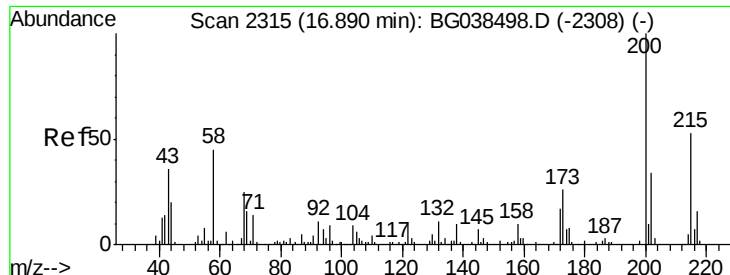
142 37.0 25.8 38.6

249 36.8 27.0 40.4



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





#69

Atrazine

Concen: 45.052 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB115660BS

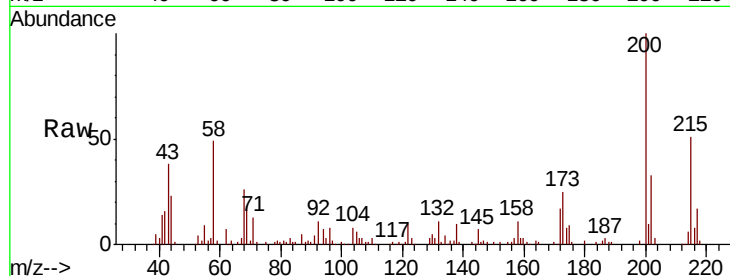
Tgt Ion:200 Resp: 73991

Ion Ratio Lower Upper

200 100

173 24.6 5.9 45.9

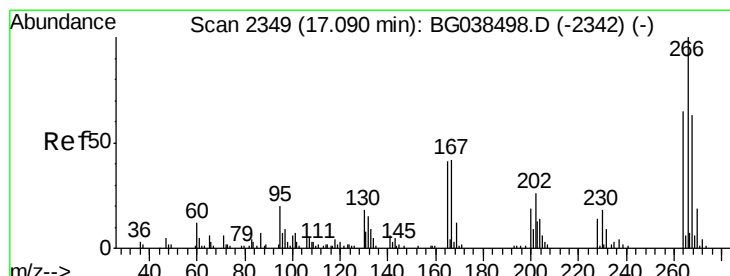
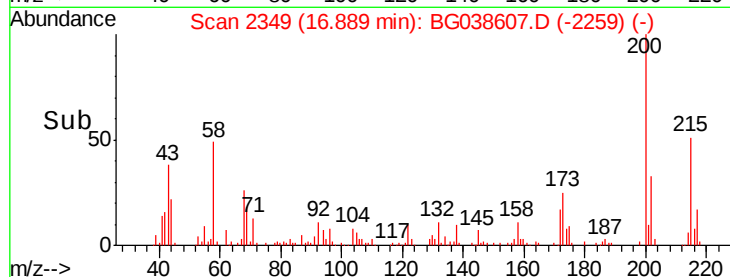
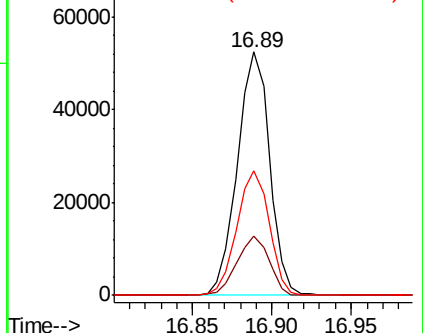
215 51.2 33.1 73.1



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: 73.092 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

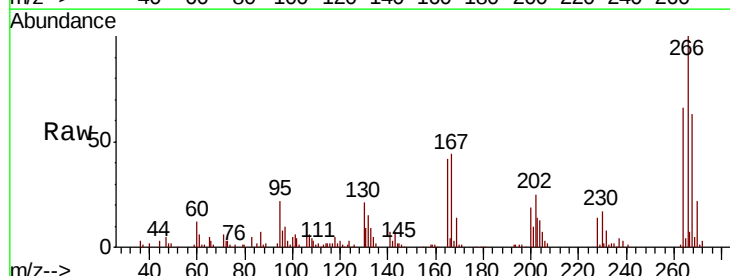
Tgt Ion:266 Resp: 82437

Ion Ratio Lower Upper

266 100

268 67.9 55.0 82.6

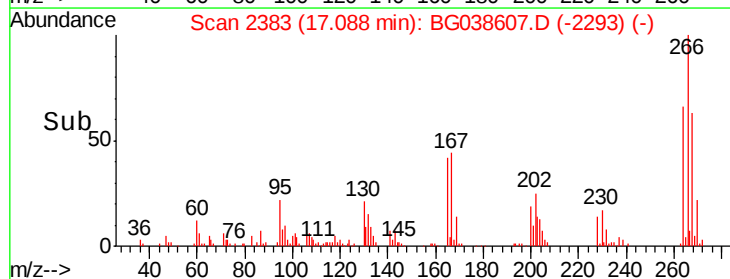
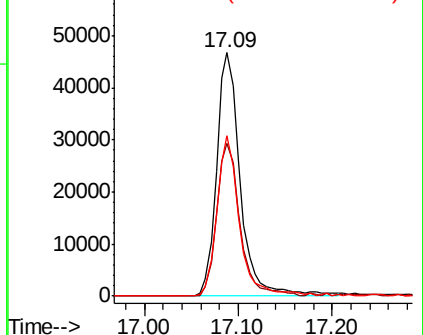
264 70.3 56.7 85.1

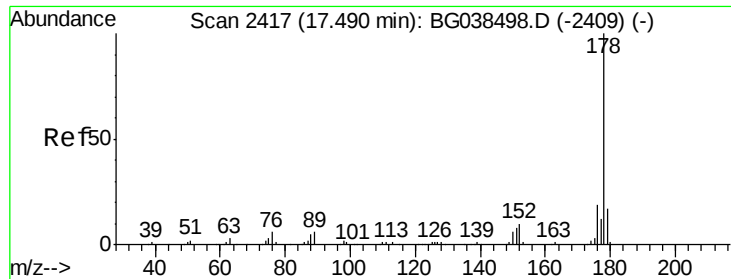


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

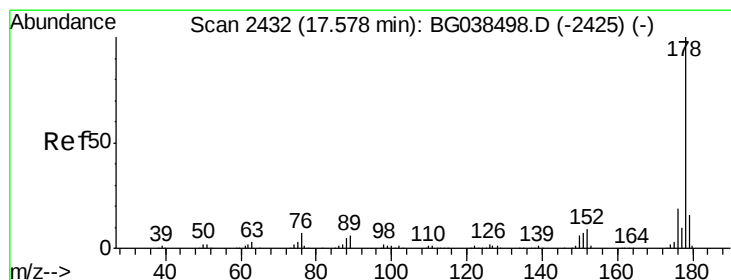
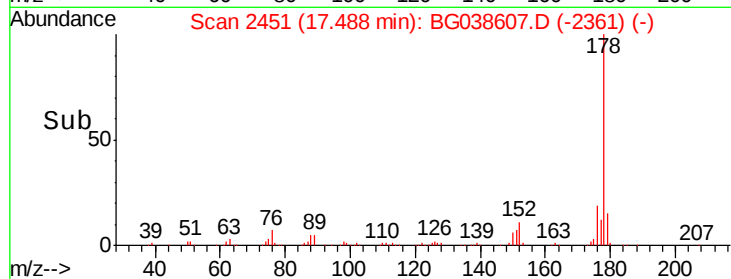
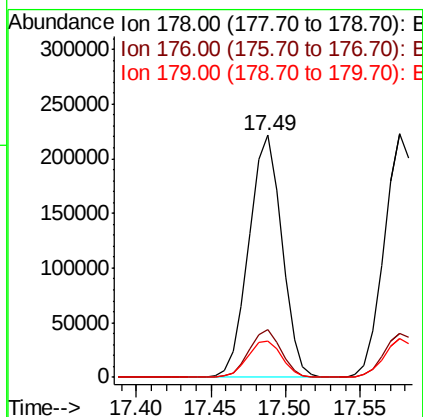
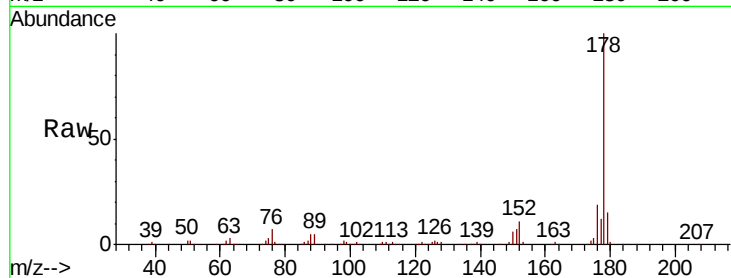




#71
Phenanthrene
Concen: 43.305 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

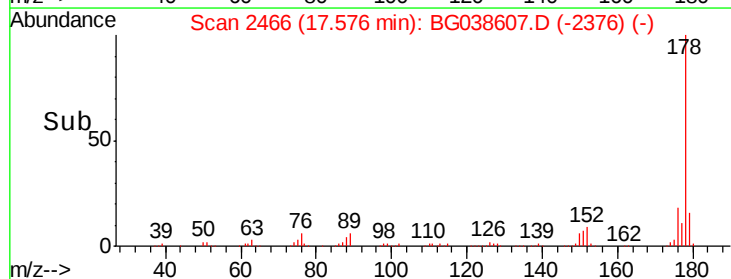
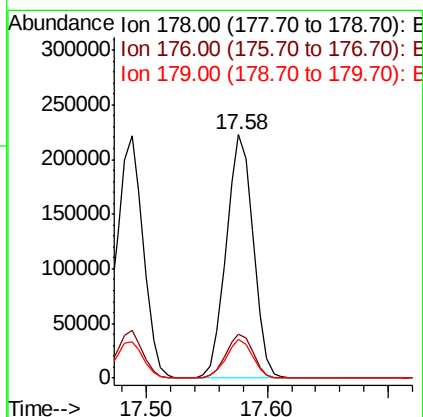
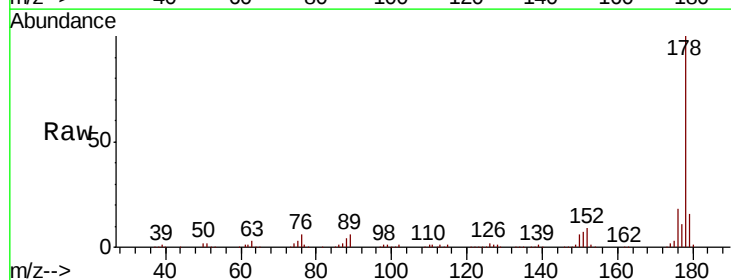
Instrument :
BNA_G
ClientSampleId :
PB115660BS

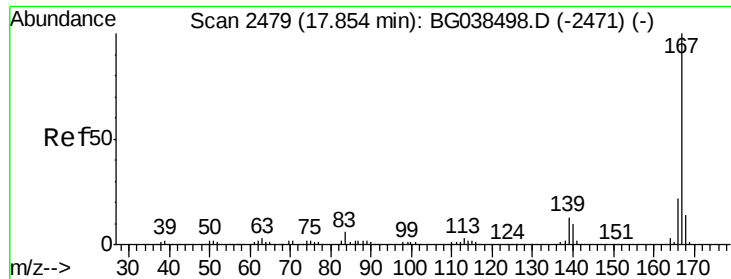
Tgt Ion:178 Resp: 338233
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 15.1 13.2 19.8



#72
Anthracene
Concen: 44.827 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Tgt Ion:178 Resp: 345645
Ion Ratio Lower Upper
178 100
176 18.3 15.1 22.7
179 16.1 12.9 19.3

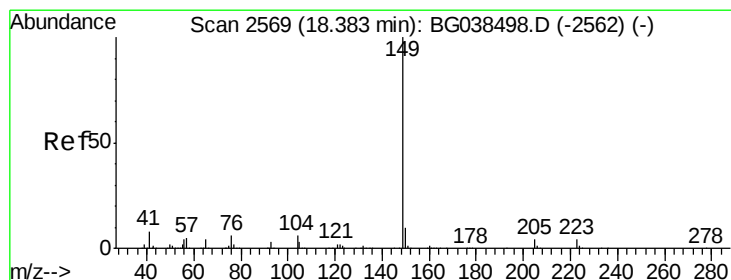
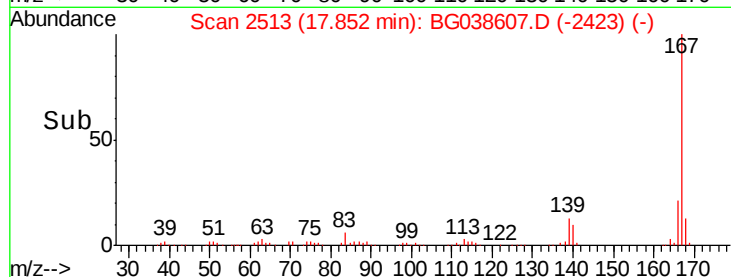
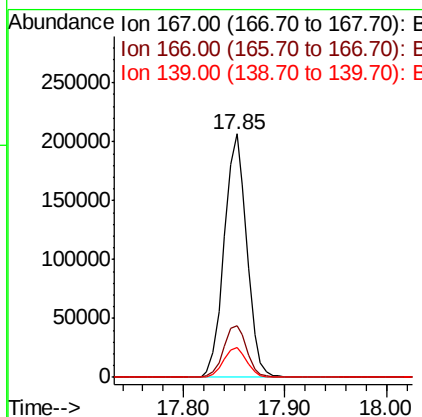
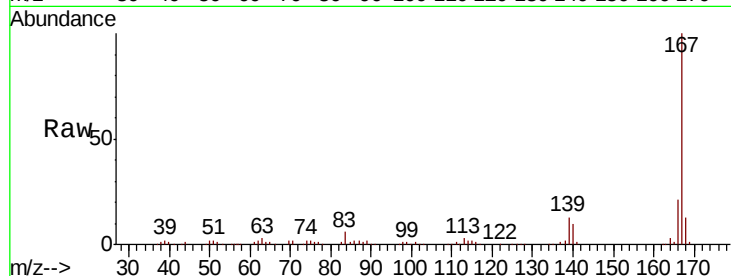




#73
 Carbazole
 Concen: 41.802 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

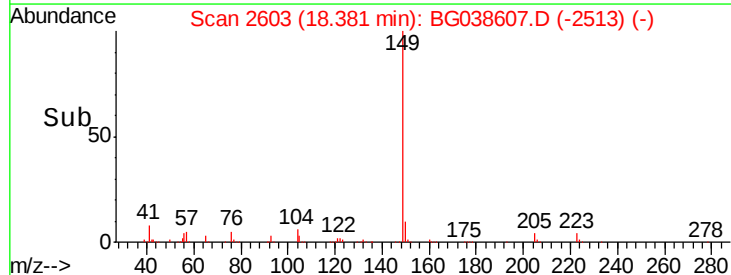
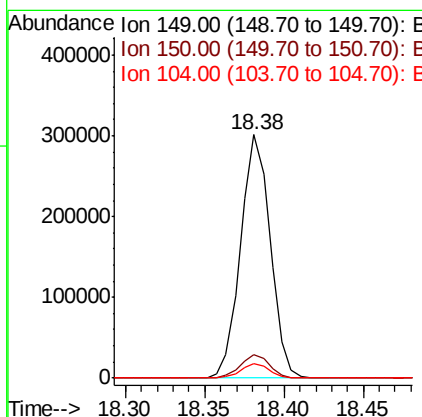
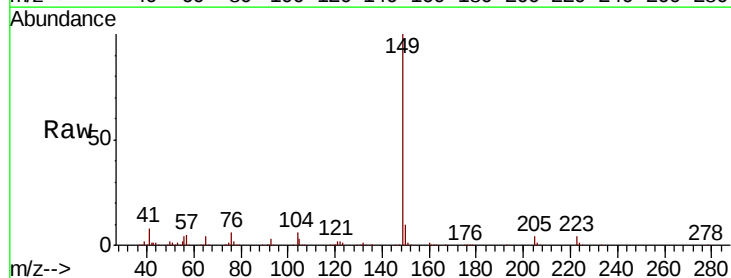
Instrument :
 BNA_G
 ClientSampleId :
 PB115660BS

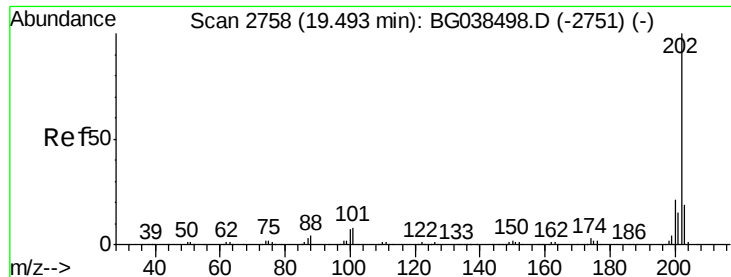
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.9	26.9
139	12.5	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 44.614 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038607.D
 Acq: 15 Dec 2018 16:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	5.8	5.0	7.4





#75

Fluoranthene

Concen: 46.218 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB115660BS

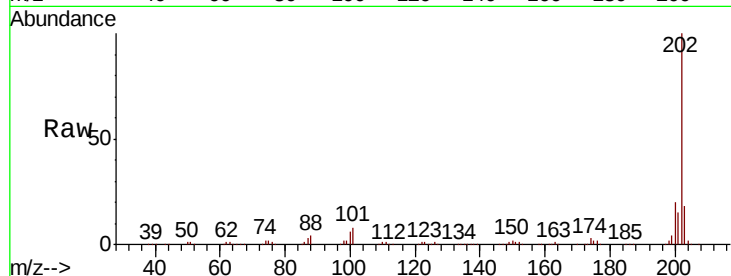
Tgt Ion:202 Resp: 446635

Ion Ratio Lower Upper

202 100

101 7.6 0.0 28.1

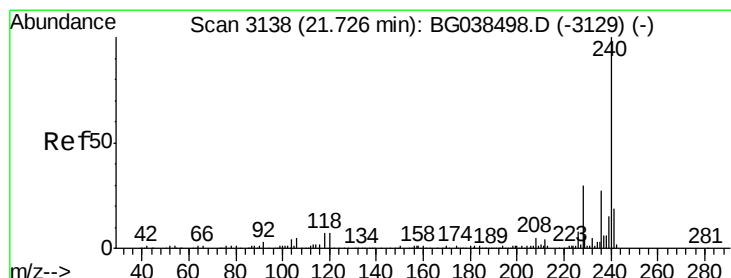
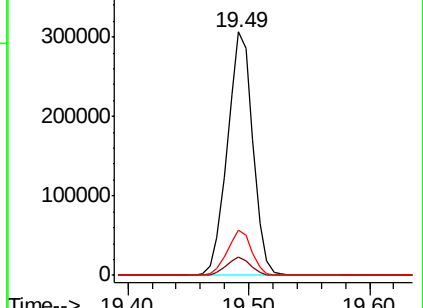
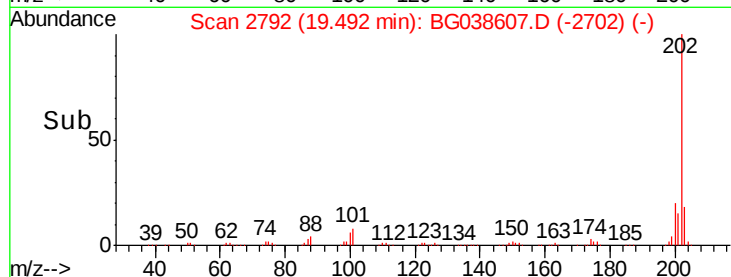
203 18.4 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

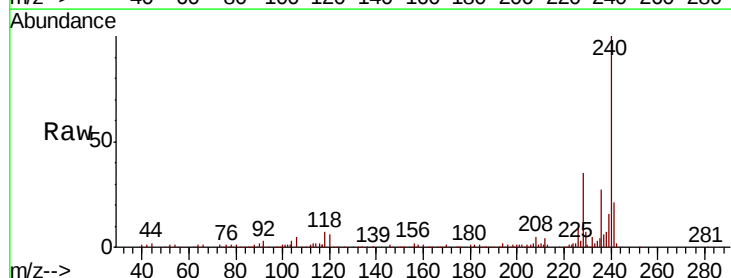
Tgt Ion:240 Resp: 163181

Ion Ratio Lower Upper

240 100

120 6.4 5.3 7.9

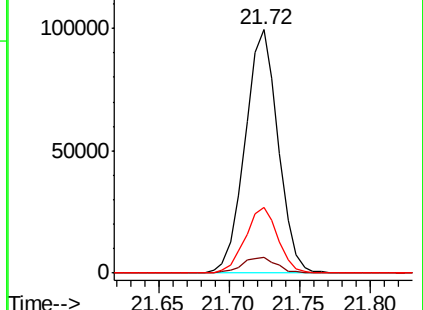
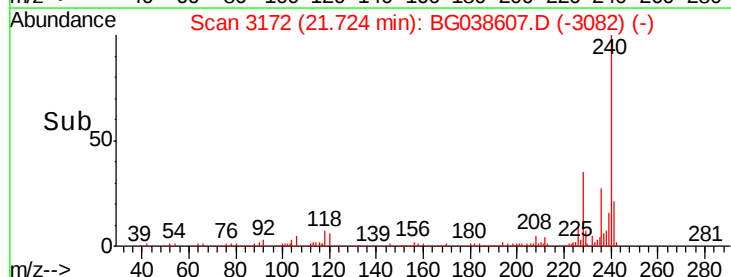
236 27.0 21.4 32.2

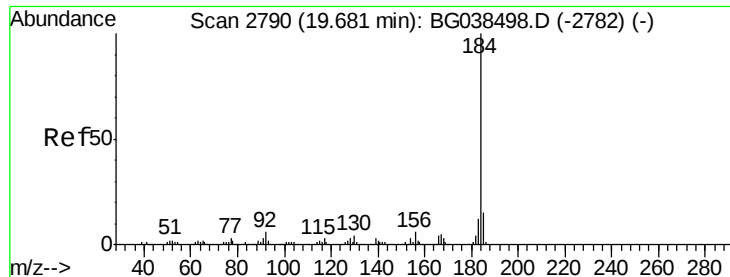


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.686 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB115660BS

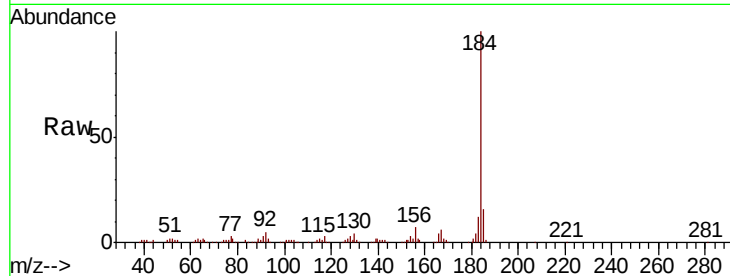
Tgt Ion:184 Resp: 215652

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

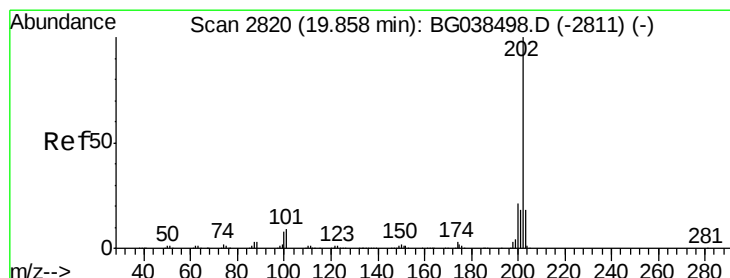
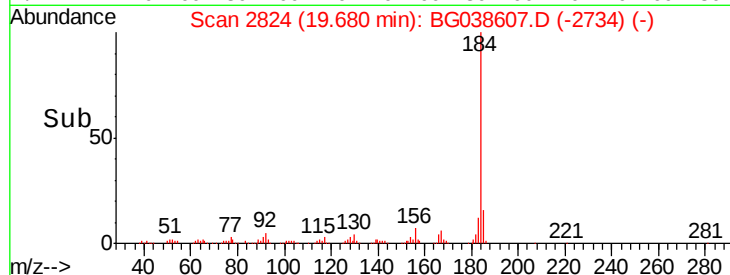
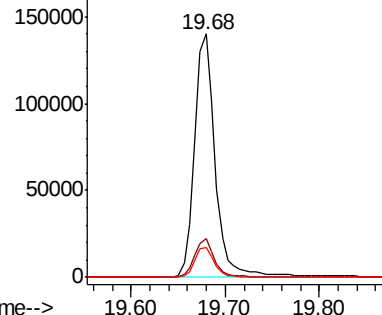
183 12.2 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.211 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

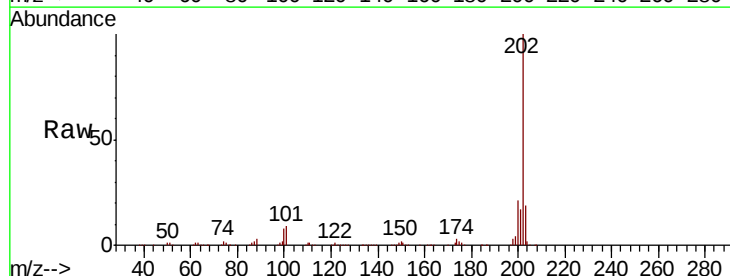
Tgt Ion:202 Resp: 444262

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

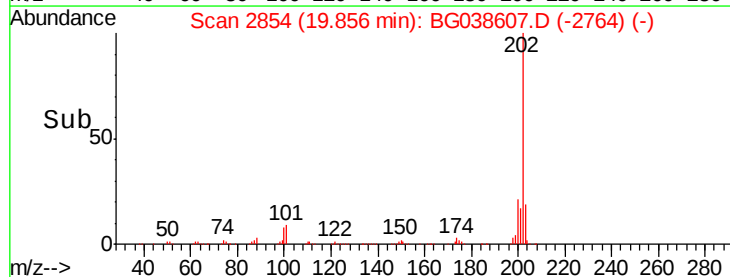
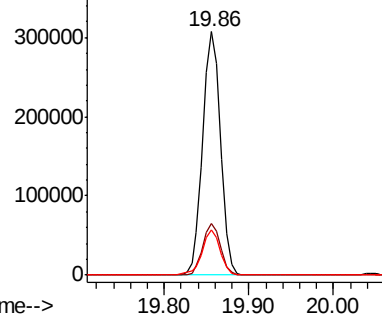
203 18.6 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.095 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB115660BS

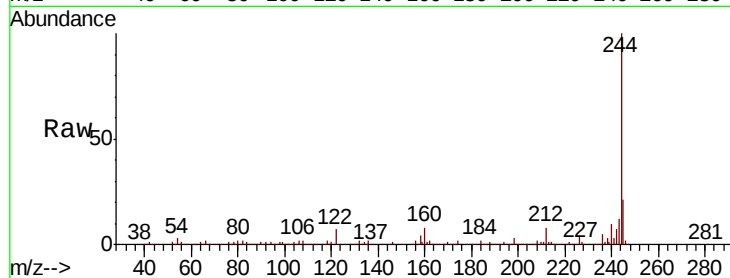
Tgt Ion:244 Resp: 630544

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

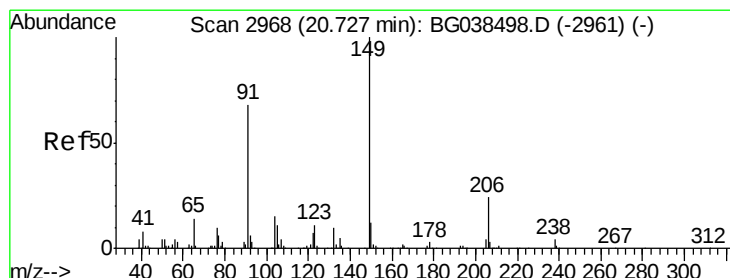
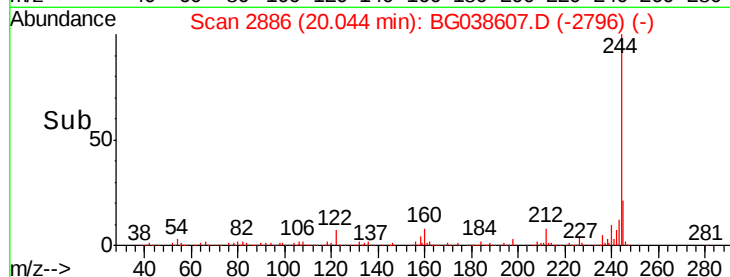
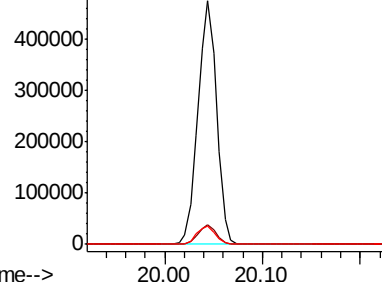
122 7.3 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.396 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

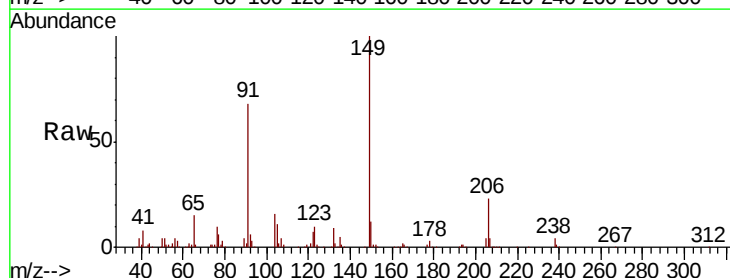
Tgt Ion:149 Resp: 178559

Ion Ratio Lower Upper

149 100

91 67.5 54.5 81.7

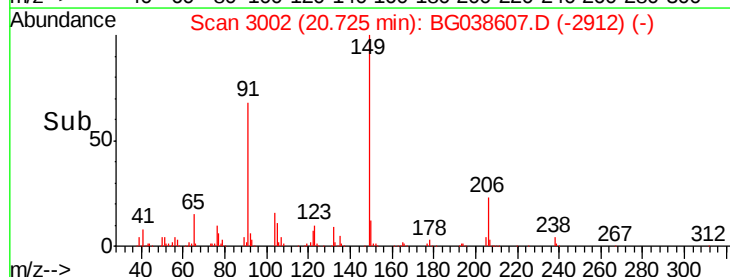
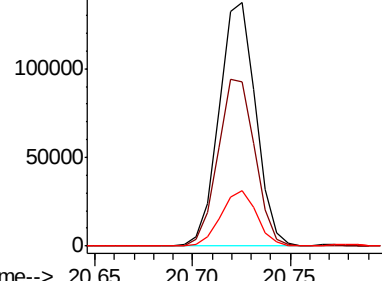
206 23.0 19.0 28.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.968 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB115660BS

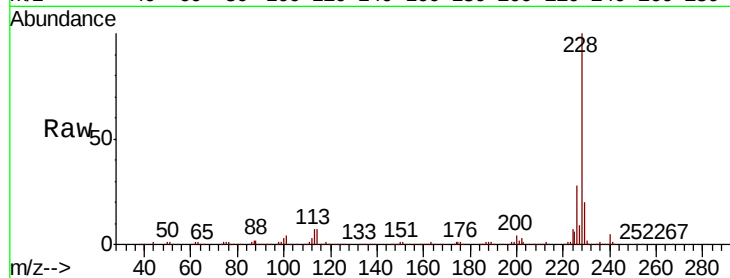
Tgt Ion:228 Resp: 437190

Ion Ratio Lower Upper

228 100

226 28.2 21.8 32.8

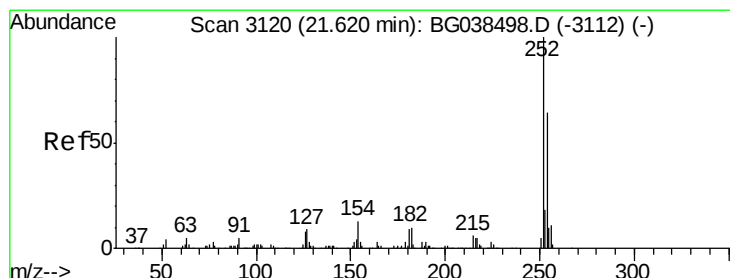
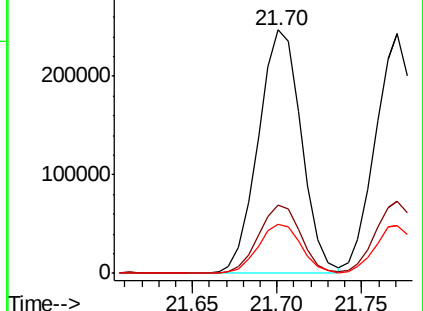
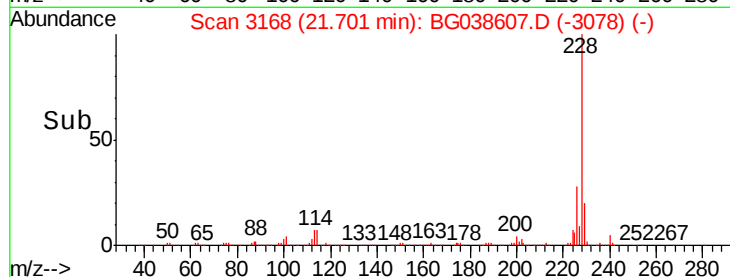
229 20.2 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.330 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

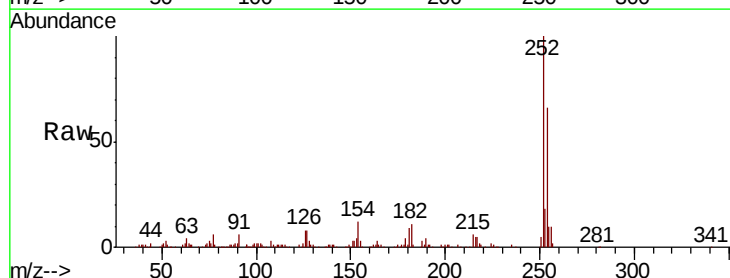
Tgt Ion:252 Resp: 115666

Ion Ratio Lower Upper

252 100

254 65.5 50.9 76.3

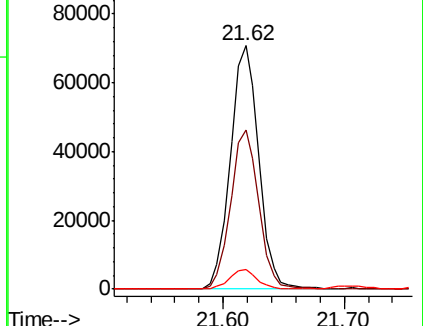
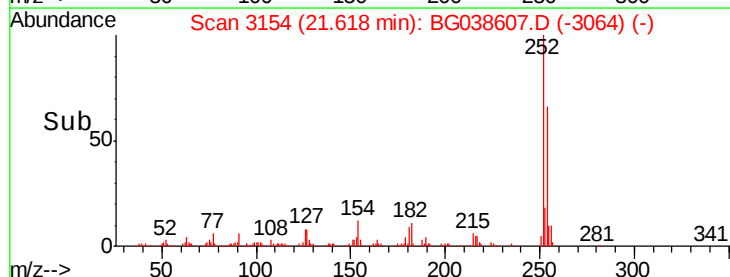
126 8.2 6.3 9.5

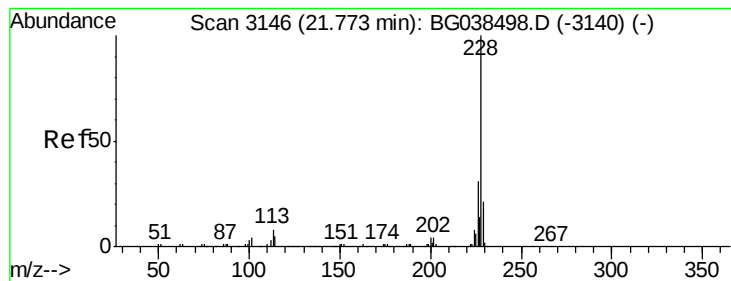


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.491 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB115660BS

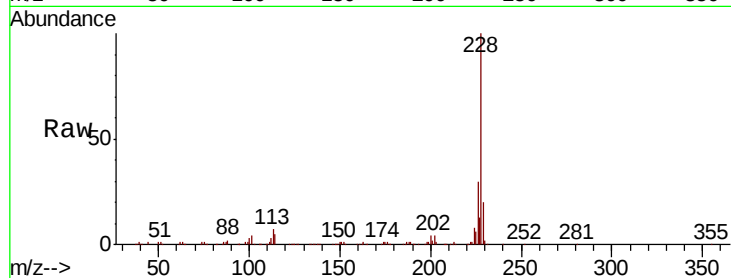
Tgt Ion:228 Resp: 406960

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.4

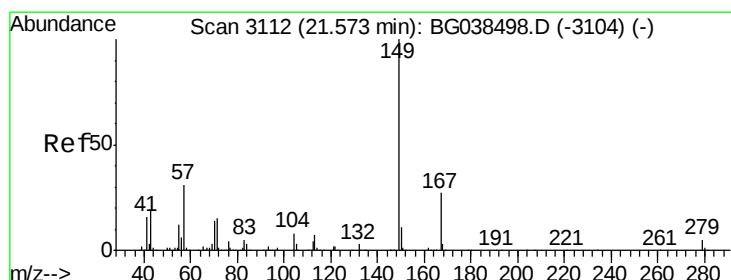
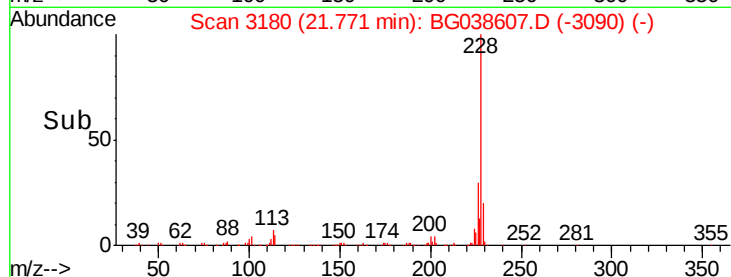
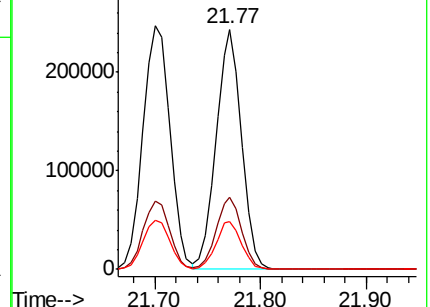
229 19.9 16.5 24.7



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: 41.852 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

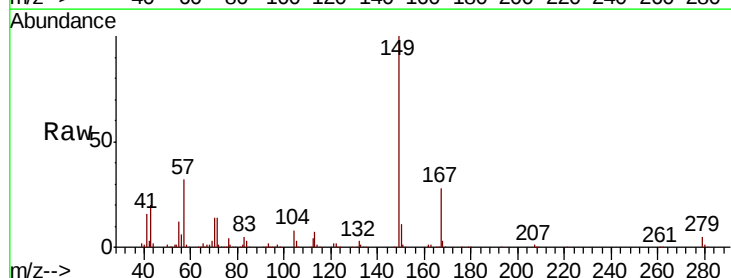
Tgt Ion:149 Resp: 249995

Ion Ratio Lower Upper

149 100

167 28.4 21.9 32.9

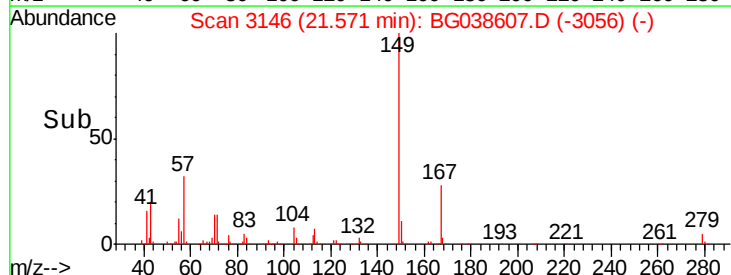
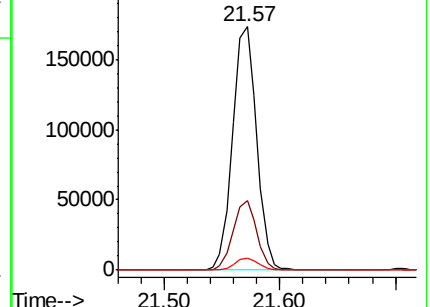
279 4.9 4.2 6.2

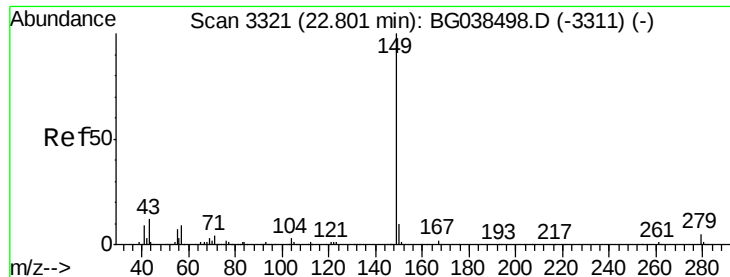


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

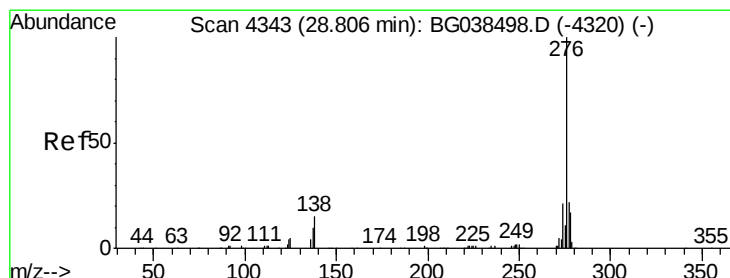
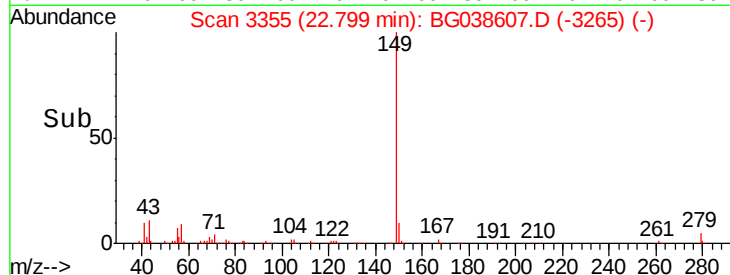
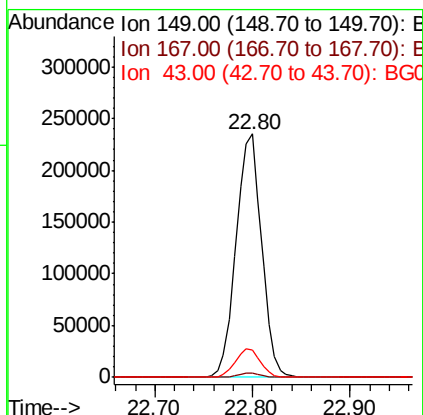
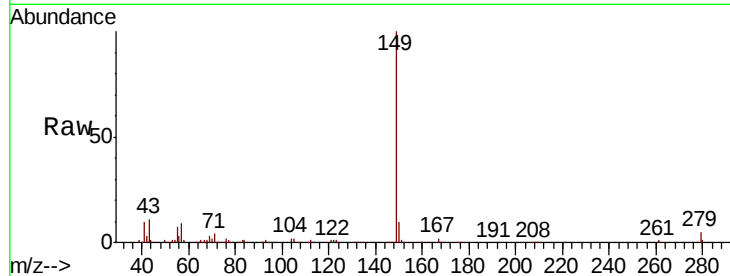




#85
Di-n-octyl phthalate
Concen: 42.722 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

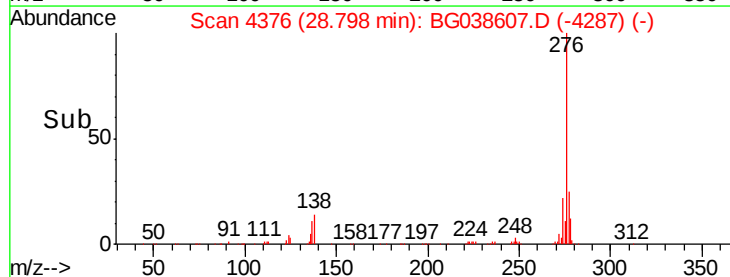
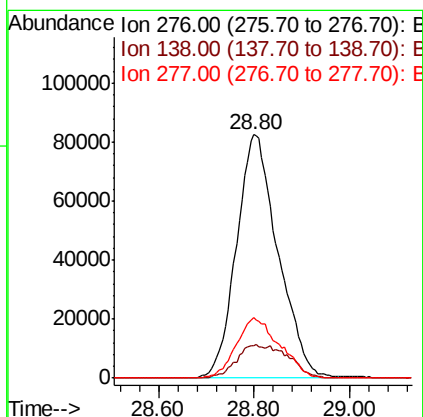
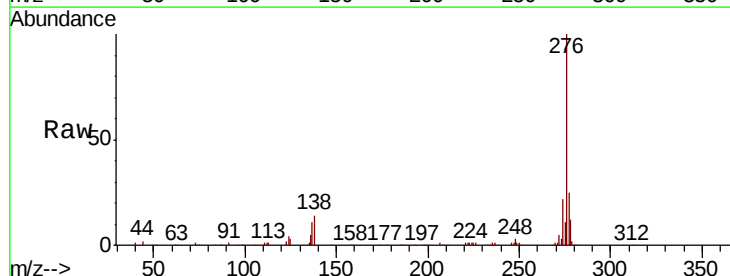
Instrument :
BNA_G
ClientSampleId :
PB115660BS

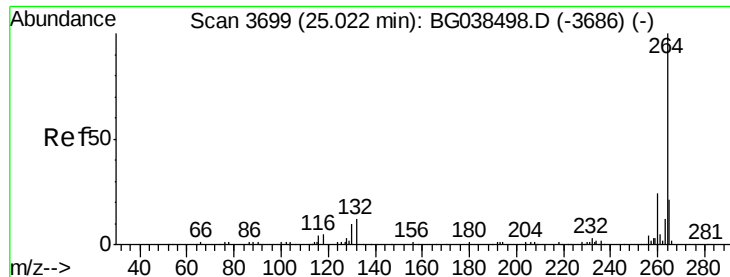
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.8	9.3	13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.056 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.2	14.4	21.6#
277	25.8	0.0	0.0#



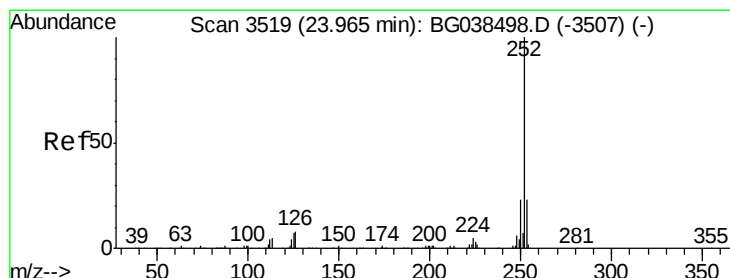
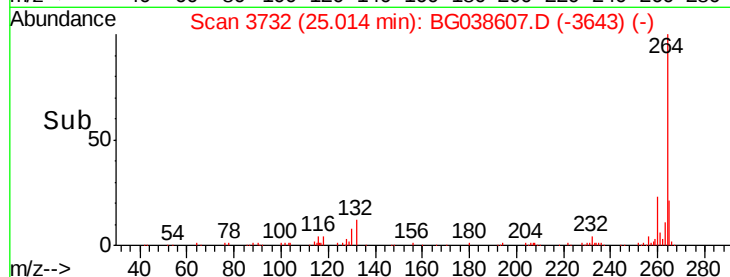
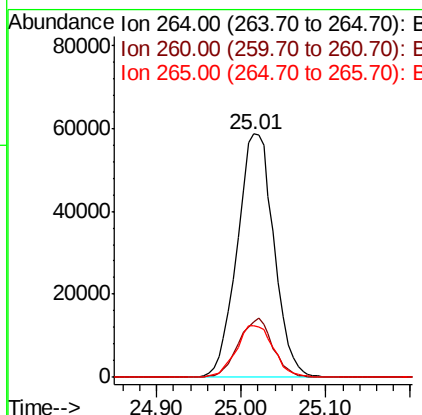
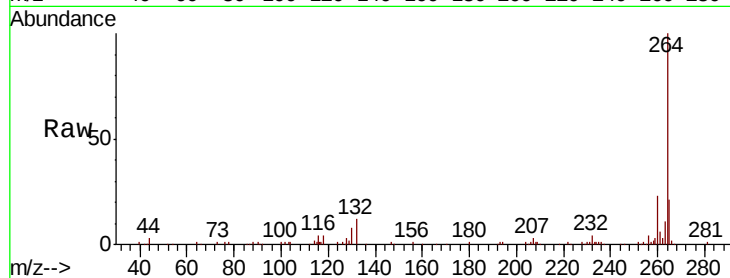


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB115660BS

Tgt Ion: 264 Resp: 176736

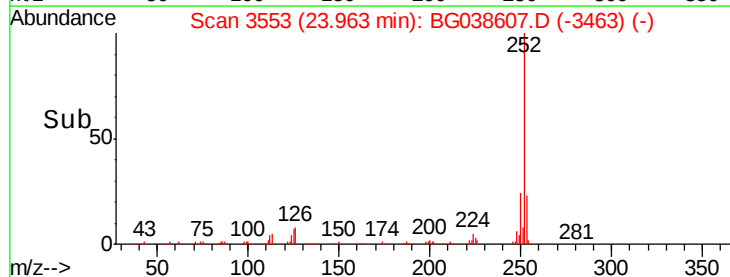
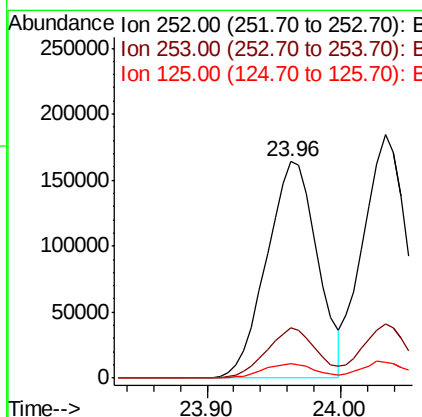
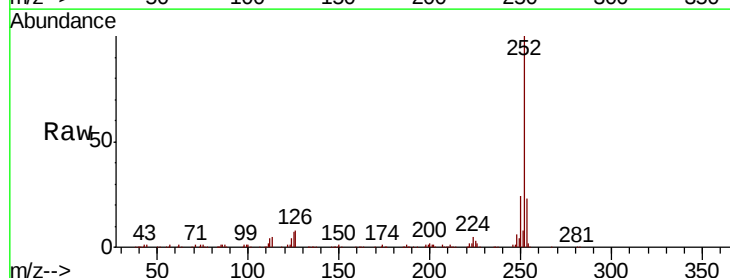
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.9	28.3
265	21.2	17.0	25.4

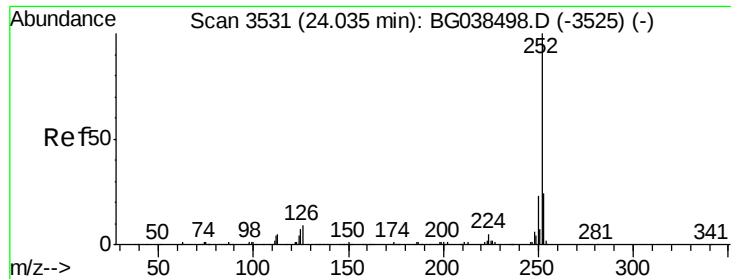


#88
Benzo(b)fluoranthene
Concen: 44.634 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Tgt Ion: 252 Resp: 433104

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	6.8	5.5	8.3

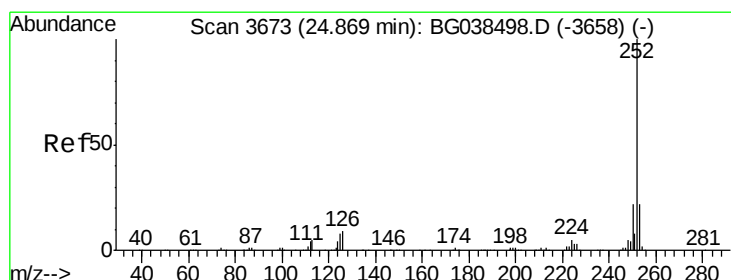
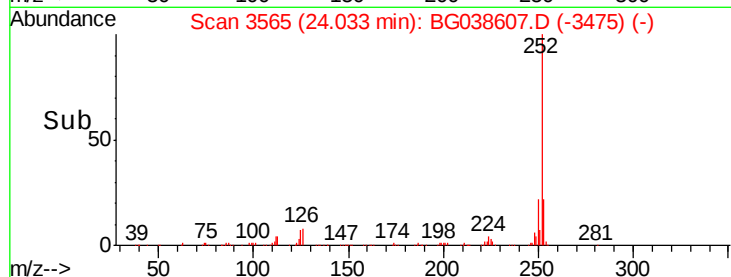
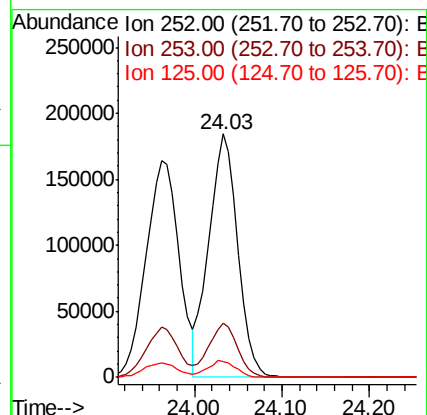
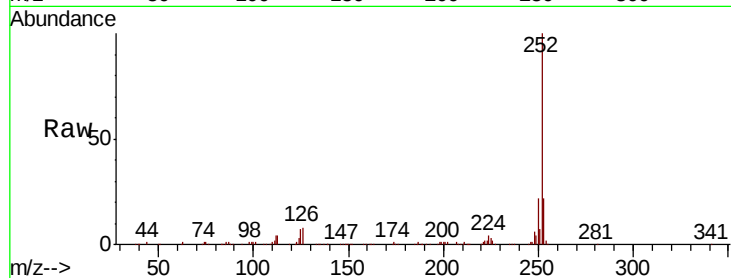




#89
Benzo(k)fluoranthene
Concen: 43.818 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

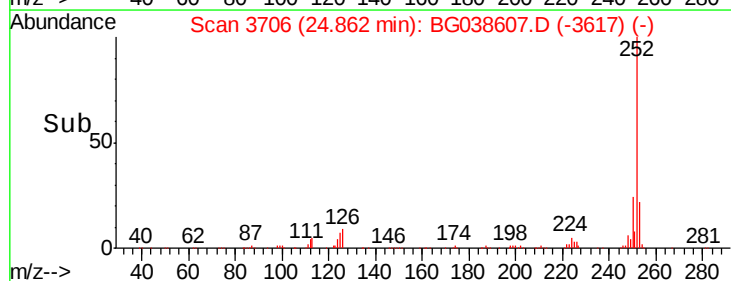
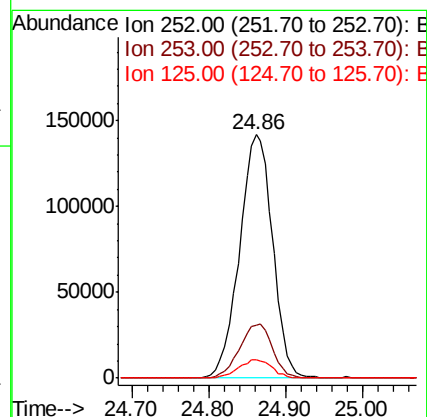
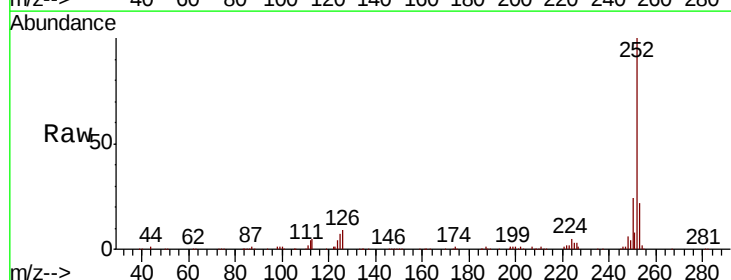
Instrument :
BNA_G
ClientSampleId :
PB115660BS

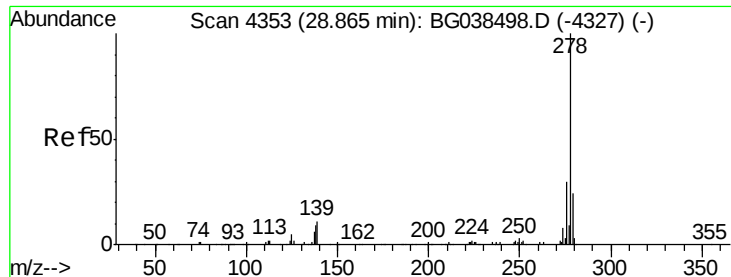
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.9	28.3
125	6.5	5.4	8.2



#90
Benzo(a)pyrene
Concen: 45.389 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038607.D
Acq: 15 Dec 2018 16:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	7.3	6.4	9.6





#91

Dibenzo(a,h)anthracene

Concen: 44.188 ng

RT: 28.86 min Scan# 4387

Delta R.T. -0.00 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB115660BS

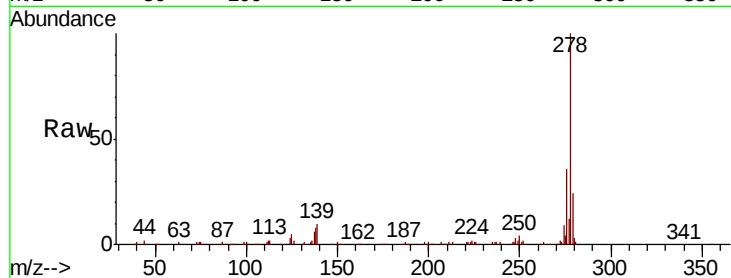
Tgt Ion:278 Resp: 411876

Ion Ratio Lower Upper

278 100

139 10.5 8.6 12.8

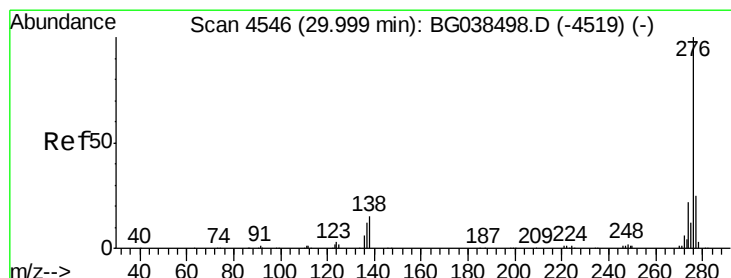
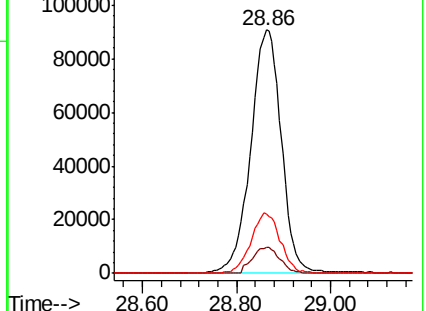
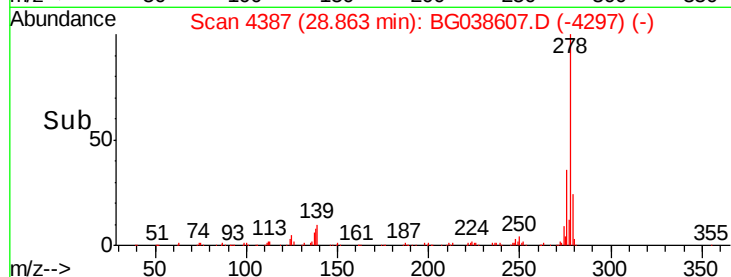
279 24.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.762 ng

RT: 29.99 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BG038607.D

Acq: 15 Dec 2018 16:50

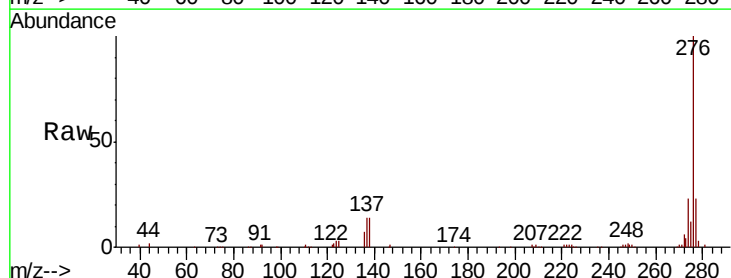
Tgt Ion:276 Resp: 411172

Ion Ratio Lower Upper

276 100

277 23.5 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

