

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121518\
 Data File : BG038614.D
 Acq On : 15 Dec 2018 21:26
 Operator : JU/SJ
 Sample : PB115720BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

Quant Time: Dec 16 02:25:04 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	20191	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	80667	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	51177	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	133189	20.00	ng	0.00
76) Chrysene-d12	21.72	240	145741	20.00	ng	0.00
87) Perylene-d12	25.02	264	159099	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	144775	127.18	ng	0.00
7) Phenol-d6	7.22	99	191496	122.54	ng	0.00
23) Nitrobenzene-d5	9.24	82	106415	67.39	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	85256	120.88	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	241291	64.68	ng	0.00
79) Terphenyl-d14	20.04	244	536687	80.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	24445	46.139	ng	91
3) Pyridine	3.89	79	53024	36.350	ng	93
4) n-Nitrosodimethylamine	3.81	42	34266	47.942	ng	# 89
6) Aniline	7.39	93	68208	34.190	ng	95
8) 2-Chlorophenol	7.62	128	58729	44.580	ng	98
9) Benzaldehyde	7.20	77	20339	20.062	ng	95
10) Phenol	7.24	94	76723	46.210	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	52778	39.927	ng	94
12) 1,3-Dichlorobenzene	7.94	146	60942	39.125	ng	95
13) 1,4-Dichlorobenzene	8.10	146	62308	39.058	ng	96
14) 1,2-Dichlorobenzene	8.41	146	60214	40.037	ng	98
15) Benzyl Alcohol	8.30	79	53883	44.173	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	120691	39.858	ng	99
17) 2-Methylphenol	8.50	107	50189	45.119	ng	95
18) Hexachloroethane	9.14	117	23628	40.533	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	43444	39.580	ng	96
20) 3+4-Methylphenols	8.83	107	67767	44.112	ng	94
22) Acetophenone	8.89	105	82834	41.111	ng	99
24) Nitrobenzene	9.28	77	68391	42.815	ng	98
25) Isophorone	9.79	82	121478	42.819	ng	97
26) 2-Nitrophenol	9.99	139	33866	41.423	ng	96
27) 2,4-Dimethylphenol	10.04	122	57138	48.765	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	70537	44.058	ng	95
29) 2,4-Dichlorophenol	10.52	162	60112	46.116	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	65573	41.647	ng	95
31) Naphthalene	10.93	128	174495	43.903	ng	98
32) Benzoic acid	10.19	122	18448	29.703	ng	88
33) 4-Chloroaniline	11.05	127	40291	23.350	ng	# 94
34) Hexachlorobutadiene	11.19	225	42477	39.870	ng	98
35) Caprolactam	11.82	113	19744	36.600	ng	# 91
36) 4-Chloro-3-methylphenol	12.15	107	62533	42.039	ng	98
37) 2-Methylnaphthalene	12.53	142	129200	45.565	ng	99
38) 1-Methylnaphthalene	12.74	142	123853	45.013	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	76938	40.219	ng	98

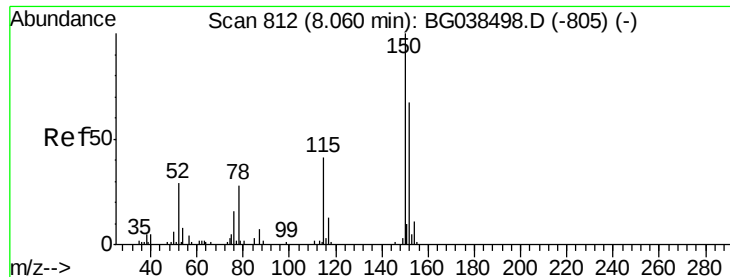
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121518\
 Data File : BG038614.D
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Quant Time: Dec 16 02:25:04 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	108361	103.105	ng	96
43) 2,4,6-Trichlorophenol	13.13	196	51979	44.192	ng	95
44) 2,4,5-Trichlorophenol	13.20	196	55866	44.860	ng	100
46) 1,1'-Biphenyl	13.53	154	170000	39.624	ng	99
47) 2-Chloronaphthalene	13.58	162	138081	41.666	ng	97
48) 2-Nitroaniline	13.79	65	46676	44.218	ng	94
49) Acenaphthylene	14.42	152	223330	45.078	ng	99
50) Dimethylphthalate	14.14	163	182976	43.782	ng	99
51) 2,6-Dinitrotoluene	14.28	165	41747	44.079	ng	99
52) Acenaphthene	14.76	154	126976	42.861	ng	94
53) 3-Nitroaniline	14.61	138	29243	30.289	ng	96
54) 2,4-Dinitrophenol	14.82	184	46366	82.131	ng	95
55) Dibenzofuran	15.09	168	215847	42.505	ng	97
56) 4-Nitrophenol	14.91	139	66226	90.421	ng	93
57) 2,4-Dinitrotoluene	15.06	165	59859	44.874	ng	98
58) Fluorene	15.74	166	172765	45.920	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	53145	47.433	ng	99
60) Diethylphthalate	15.50	149	192044	41.858	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	97201	41.407	ng	97
62) 4-Nitroaniline	15.78	138	46327	46.609	ng	96
63) Azobenzene	16.02	77	166441	43.426	ng	99
65) 4,6-Dinitro-2-methylphenol	15.82	198	38423	40.441	ng	97
66) n-Nitrosodiphenylamine	15.95	169	160417	40.992	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	64603	39.716	ng	91
68) Hexachlorobenzene	16.74	284	68014	40.336	ng	99
69) Atrazine	16.89	200	68710	47.311	ng	97
70) Pentachlorophenol	17.09	266	72947	73.141	ng	98
71) Phenanthrene	17.49	178	314246	45.499	ng	99
72) Anthracene	17.58	178	317514	46.567	ng	100
73) Carbazole	17.85	167	294644	43.695	ng	99
74) Di-n-butylphthalate	18.38	149	354554	45.823	ng	99
75) Fluoranthene	19.49	202	405582	47.461	ng	97
77) Benzidine	19.68	184	210707	48.886	ng	100
78) Pyrene	19.86	202	408485	42.426	ng	100
80) Butylbenzylphthalate	20.72	149	163197	43.385	ng	99
81) Benzo(a)anthracene	21.70	228	406839	45.812	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	100685	28.586	ng	98
83) Chrysene	21.77	228	378272	44.222	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	232781	43.633	ng	99
85) Di-n-octyl phthalate	22.80	149	397361	44.474	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	469475	46.684	ng	# 87
88) Benzo(b)fluoranthene	23.96	252	404427	46.299	ng	99
89) Benzo(k)fluoranthene	24.03	252	402727	46.299	ng	98
90) Benzo(a)pyrene	24.86	252	396376	47.036	ng	99
91) Dibenzo(a,h)anthracene	28.86	278	392355	46.761	ng	100
92) Benzo(g,h,i)perylene	30.00	276	383630	46.393	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG038614.D

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ClientSampleId :

PB115720BS

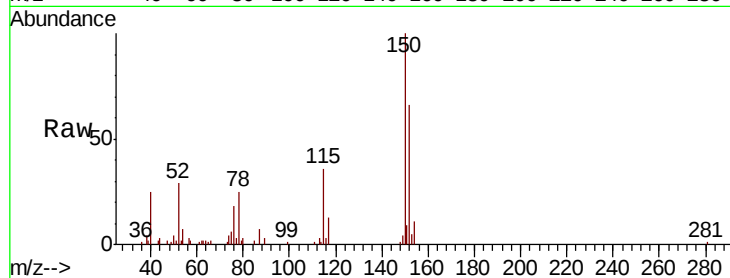
Tgt Ion:152 Resp: 20191

Ion Ratio Lower Upper

152 100

150 150.9 119.5 179.3

115 54.3 49.6 74.4

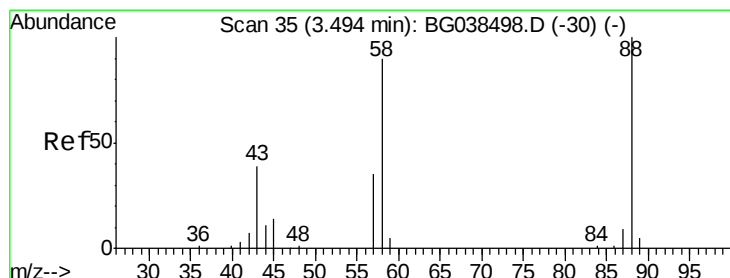
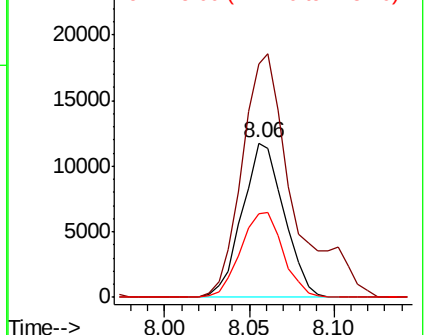
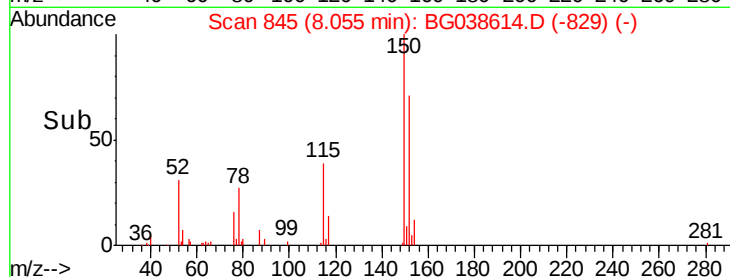


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 46.139 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

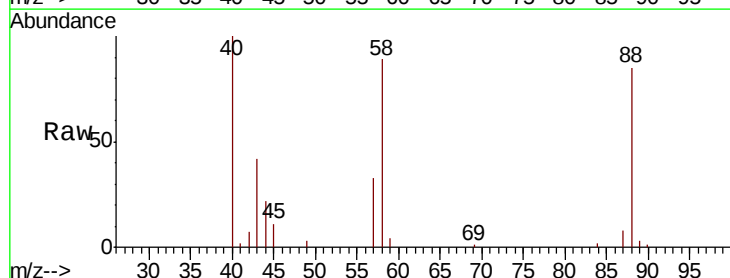
Tgt Ion: 88 Resp: 24445

Ion Ratio Lower Upper

88 100

58 102.3 75.7 113.5

43 46.0 31.6 47.4

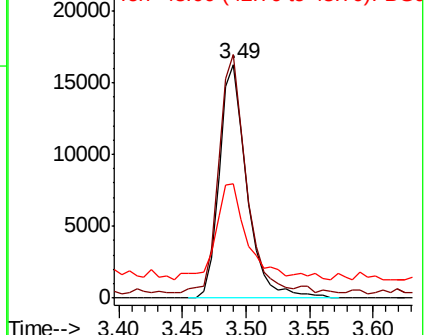
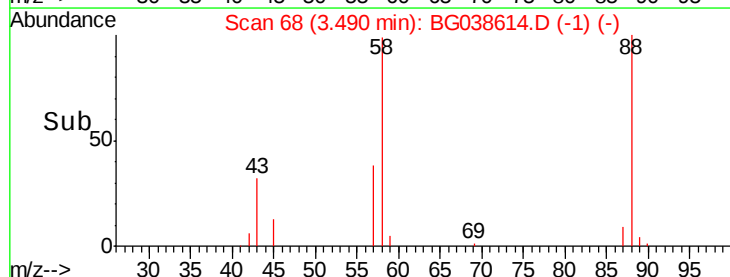


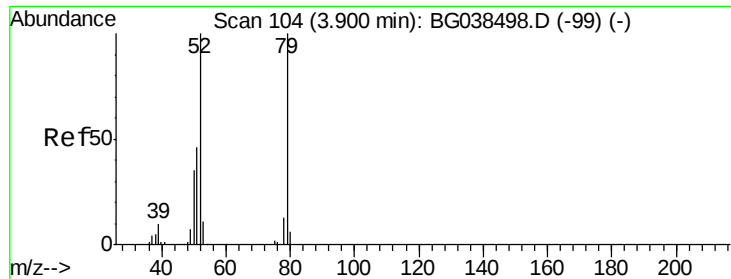
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 36.350 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

ClientSampleId :

PB115720BS

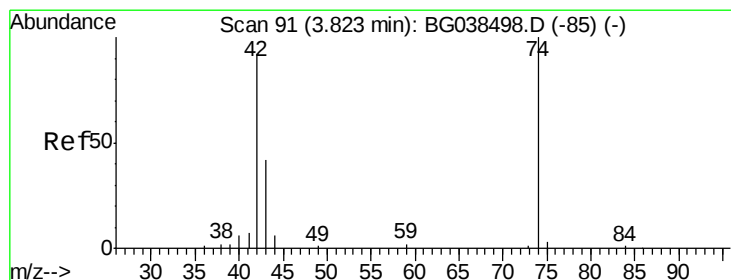
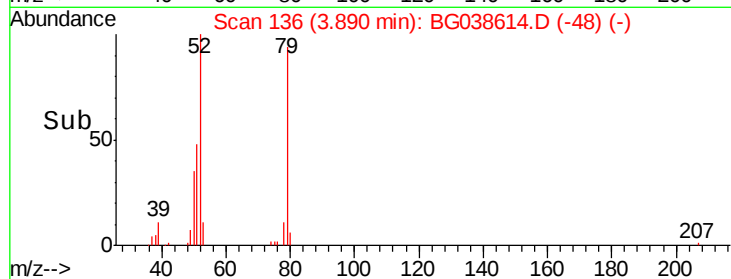
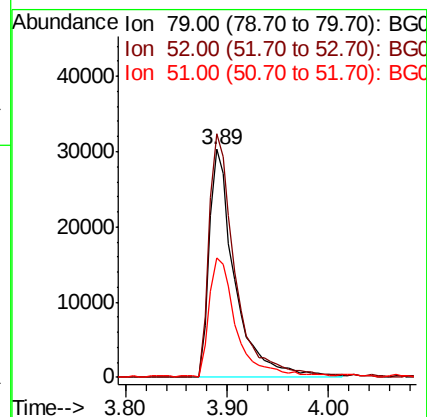
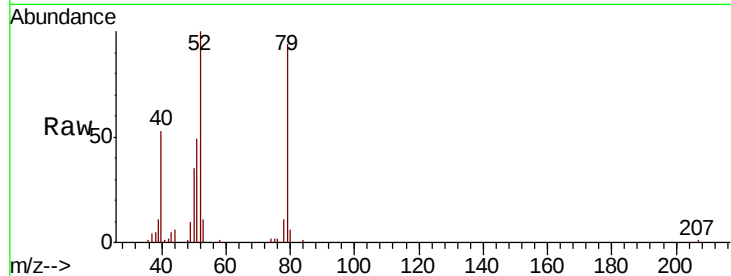
Tgt Ion: 79 Resp: 53024

Ion Ratio Lower Upper

79 100

52 106.8 80.2 120.2

51 52.2 38.0 57.0



#4

n-Nitrosodimethylamine

Concen: 47.942 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

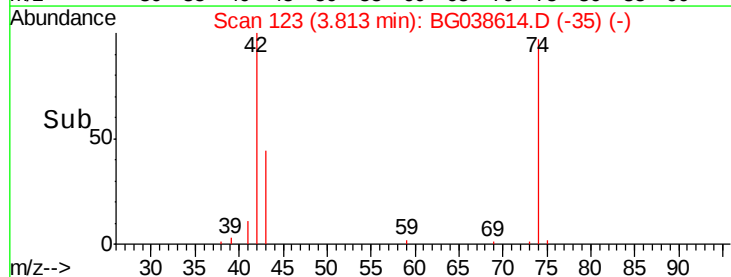
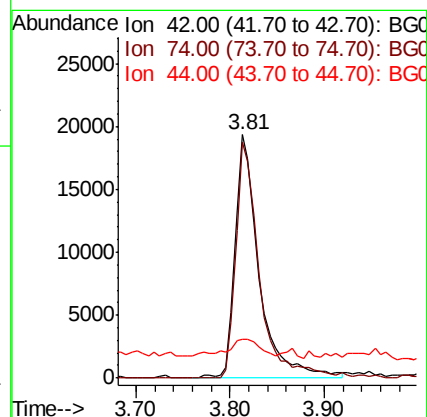
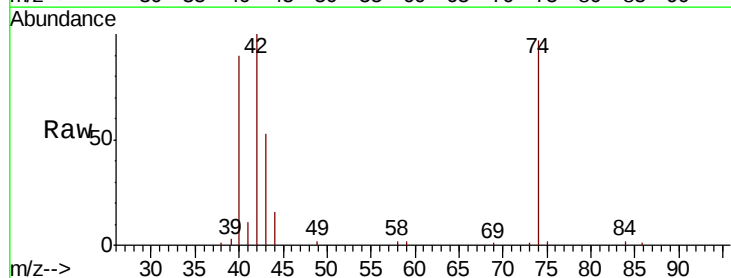
Tgt Ion: 42 Resp: 34266

Ion Ratio Lower Upper

42 100

74 97.1 86.7 130.1

44 15.9 7.8 11.8#





#5

2-Fluorophenol

Concen: 127.176 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

ClientSampleId :

PB115720BS

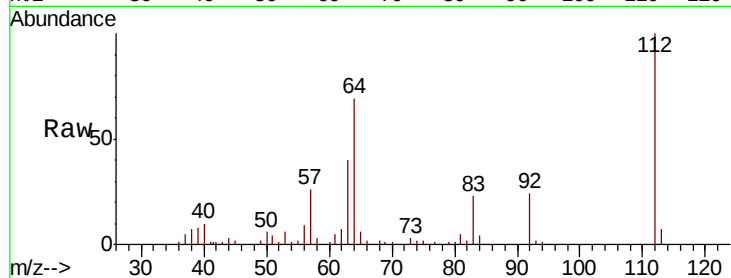
Tgt Ion: 112 Resp: 144775

Ion Ratio Lower Upper

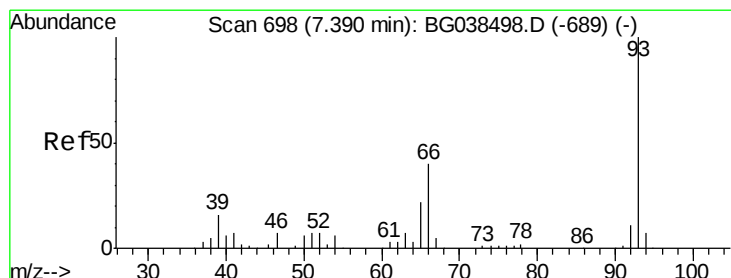
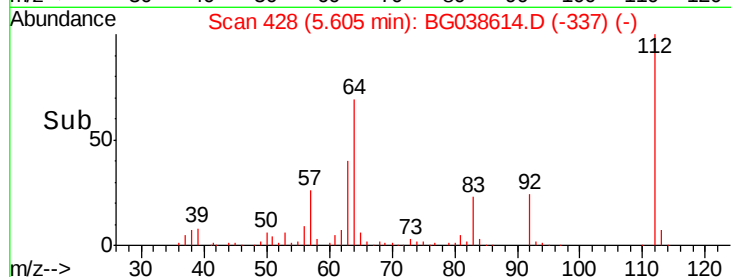
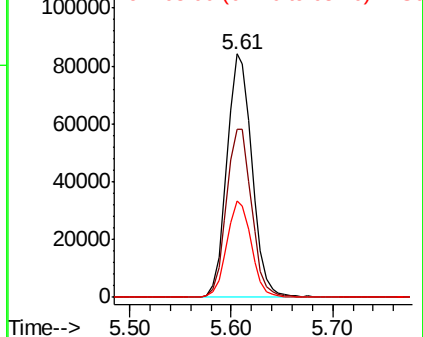
112 100

64 69.0 53.4 80.2

63 39.6 29.3 43.9



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



#6

Aniline

Concen: 34.190 ng

RT: 7.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

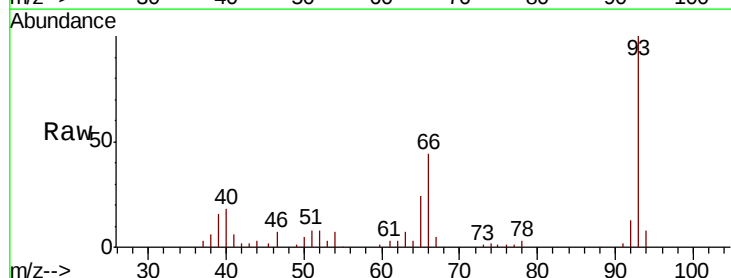
Tgt Ion: 93 Resp: 68208

Ion Ratio Lower Upper

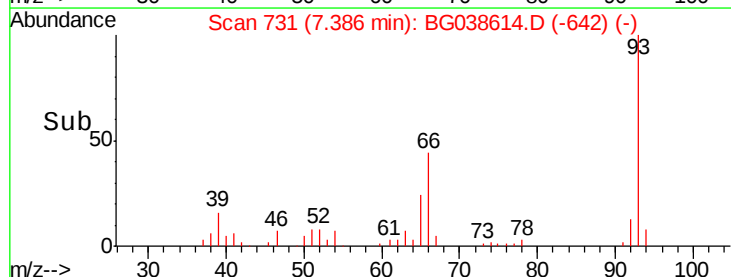
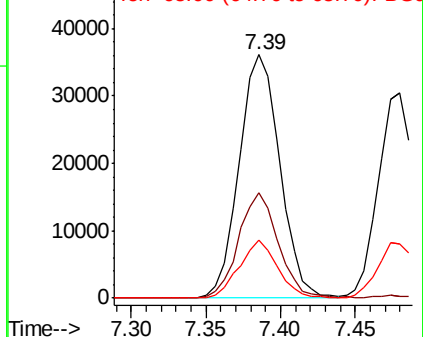
93 100

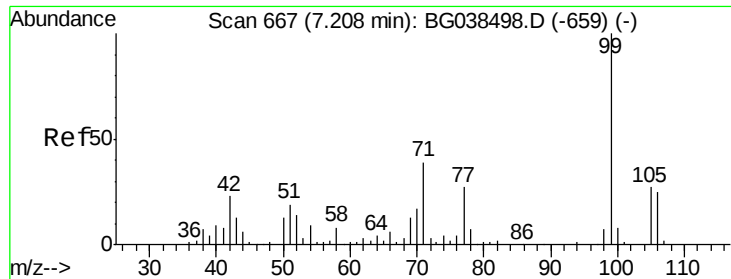
66 43.5 31.7 47.5

65 23.8 17.8 26.6



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





#7

Phenol-d6

Concen: 122.535 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

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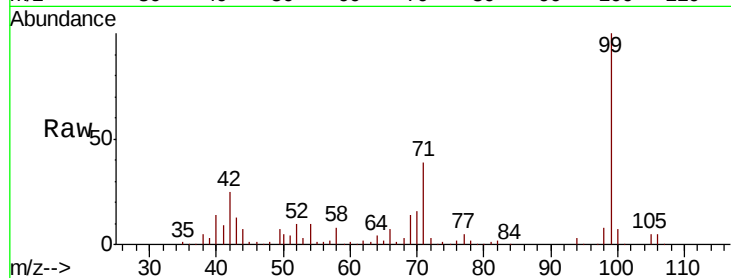
Tgt Ion: 99 Resp: 191496

Ion Ratio Lower Upper

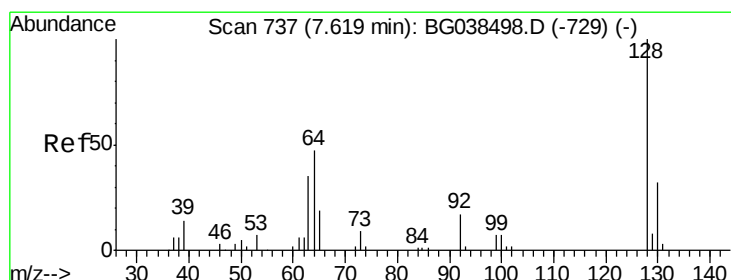
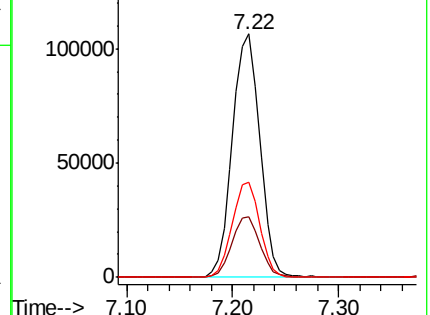
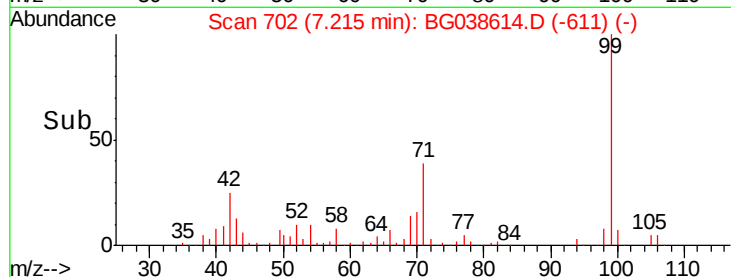
99 100

42 24.6 18.5 27.7

71 39.0 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: 44.580 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

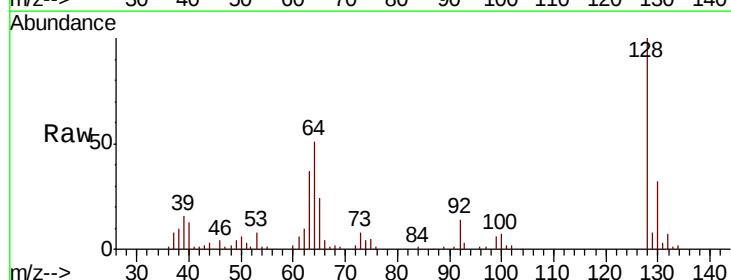
Tgt Ion: 128 Resp: 58729

Ion Ratio Lower Upper

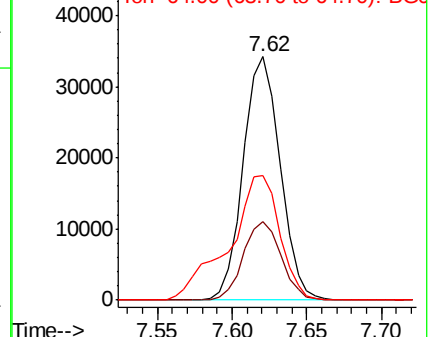
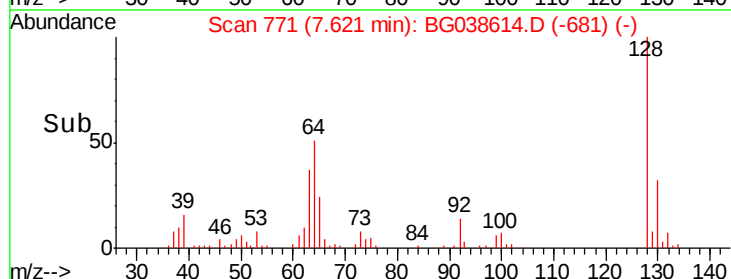
128 100

130 32.2 11.8 51.8

64 51.0 33.2 73.2



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





#9

Benzaldehyde

Concen: 20.062 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

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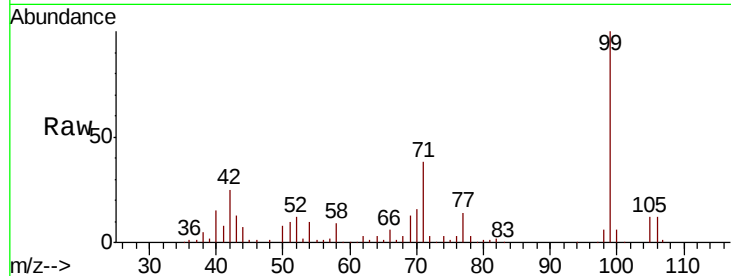
Tgt Ion: 77 Resp: 20339

Ion Ratio Lower Upper

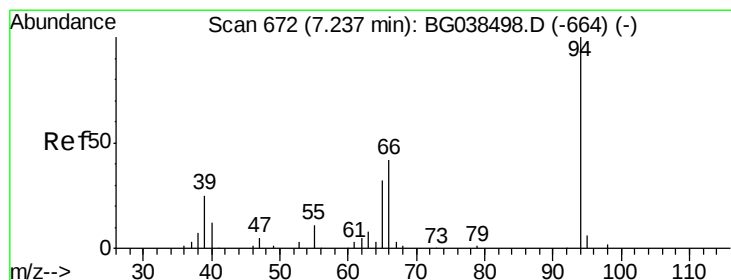
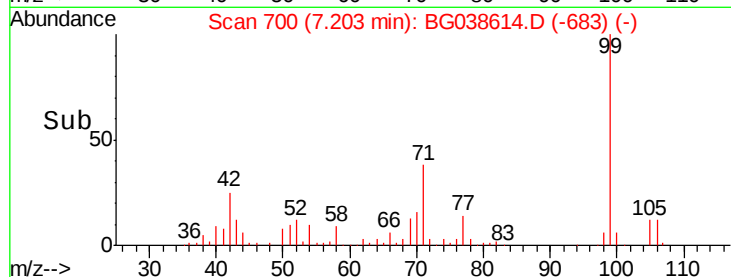
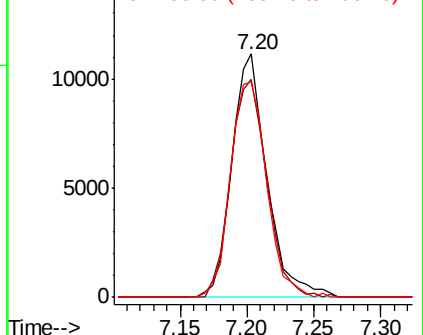
77 100

105 89.6 74.0 114.0

106 88.4 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: 46.210 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

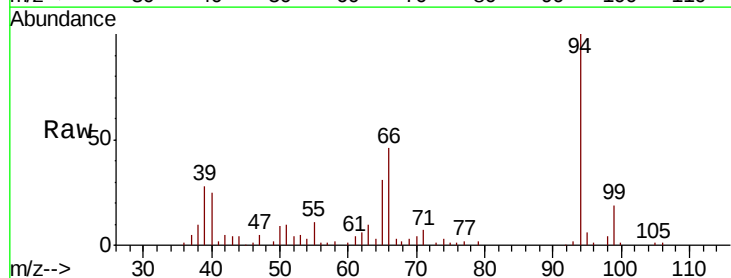
Tgt Ion: 94 Resp: 76723

Ion Ratio Lower Upper

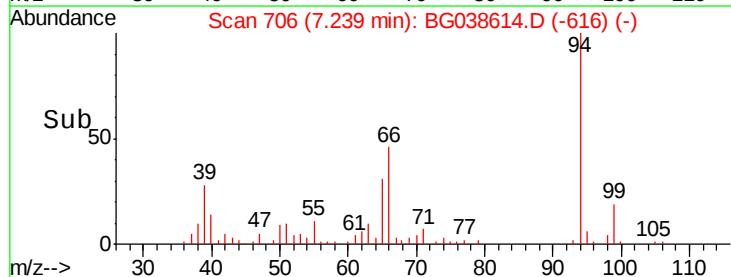
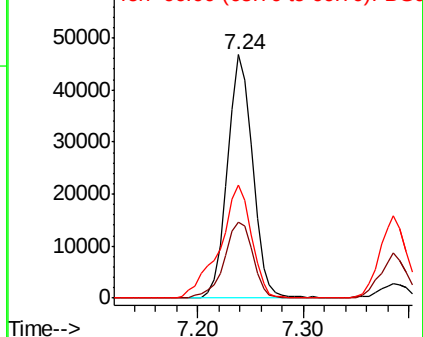
94 100

65 31.4 12.6 52.6

66 46.3 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

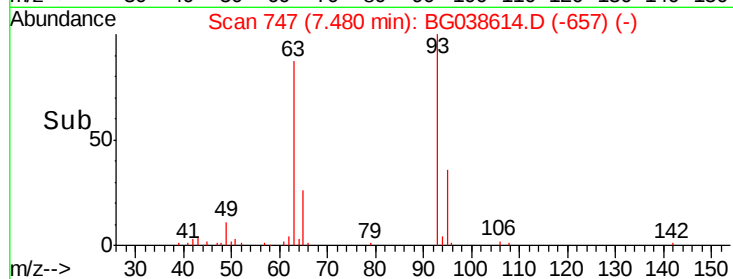
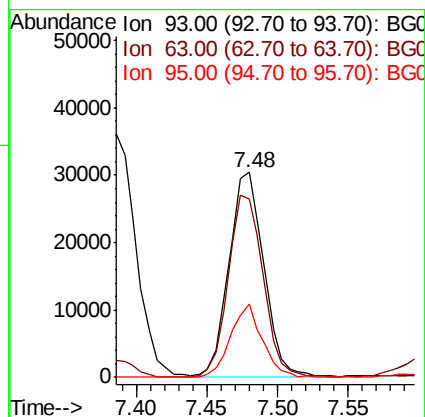
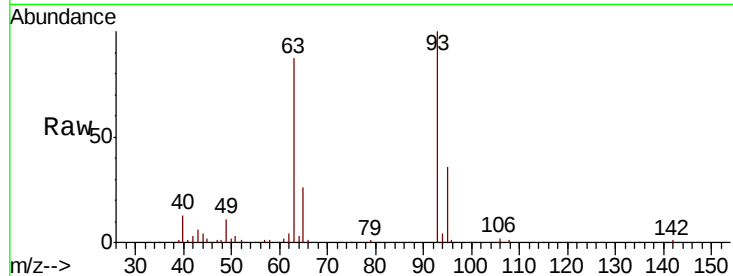




#11
 bis(2-Chloroethyl)ether
 Concen: 39.927 ng
 RT: 7.48 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

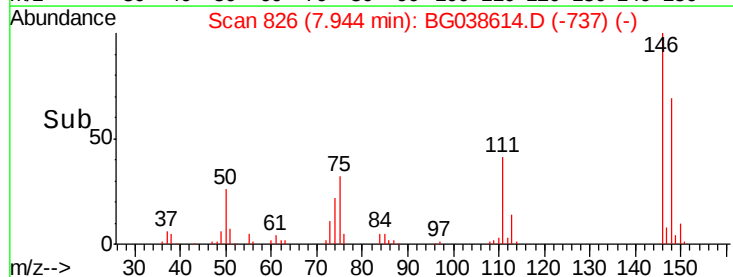
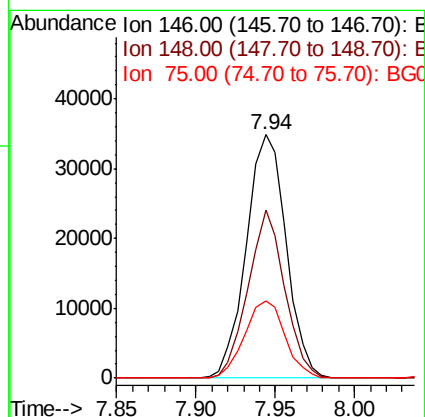
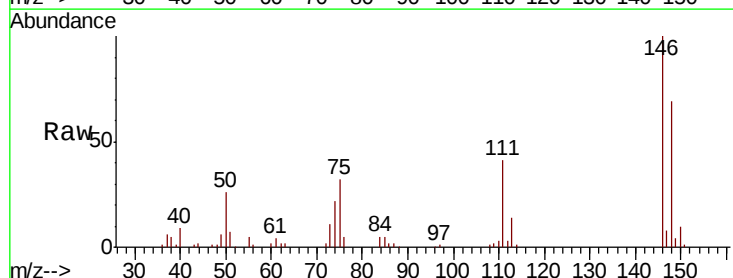
Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

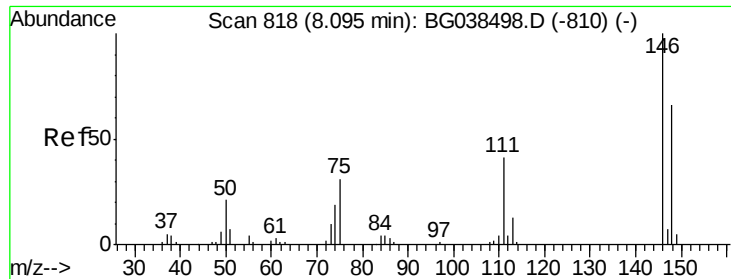
Tgt Ion: 93 Resp: 52778
 Ion Ratio Lower Upper
 93 100
 63 87.3 72.2 112.2
 95 35.7 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 39.125 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion: 146 Resp: 60942
 Ion Ratio Lower Upper
 146 100
 148 68.9 51.4 77.0
 75 31.6 26.1 39.1

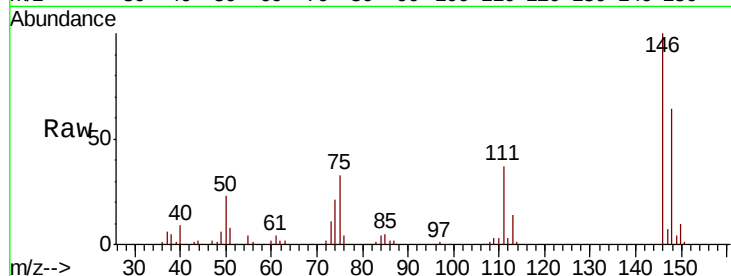




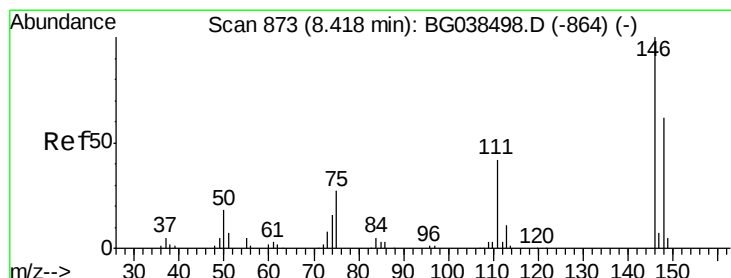
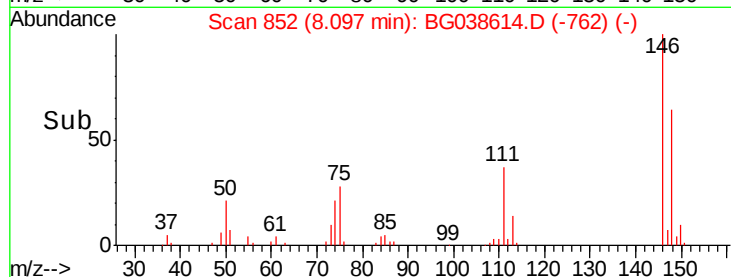
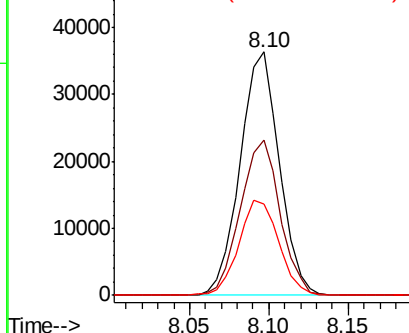
#13
 1,4-Dichlorobenzene
 Concen: 39.058 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

Tgt Ion:146 Resp: 62308
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.4 78.6
 111 37.4 33.0 49.4

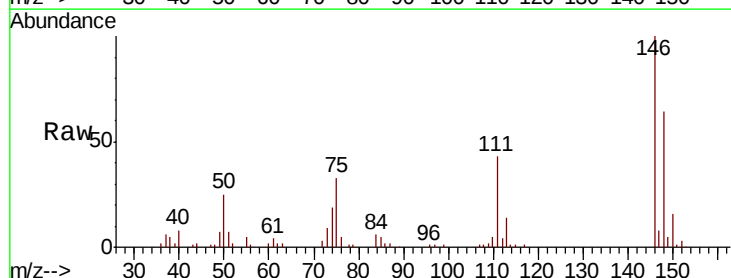


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

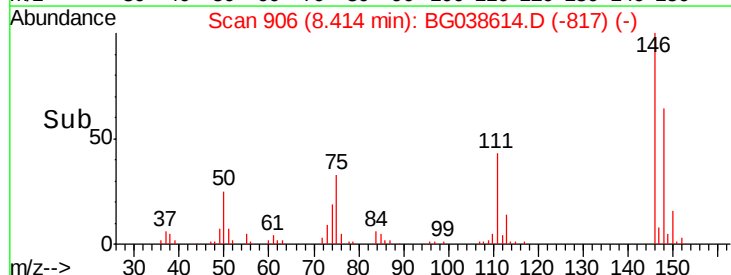
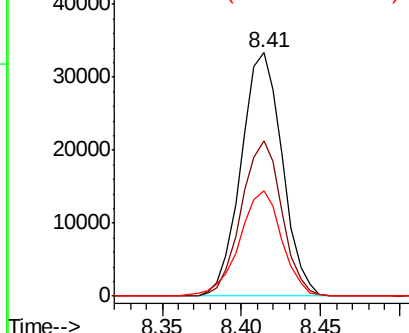


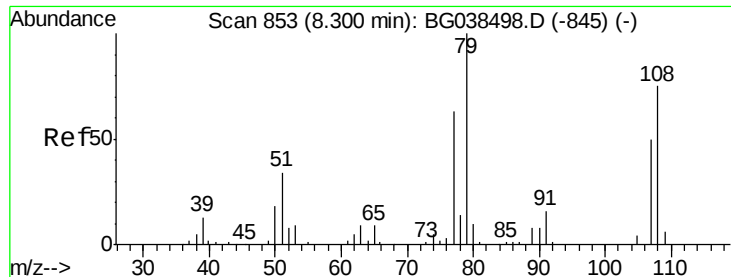
#14
 1,2-Dichlorobenzene
 Concen: 40.037 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion:146 Resp: 60214
 Ion Ratio Lower Upper
 146 100
 148 63.7 49.4 74.0
 111 43.3 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: 44.173 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

ClientSampleId :

PB115720BS

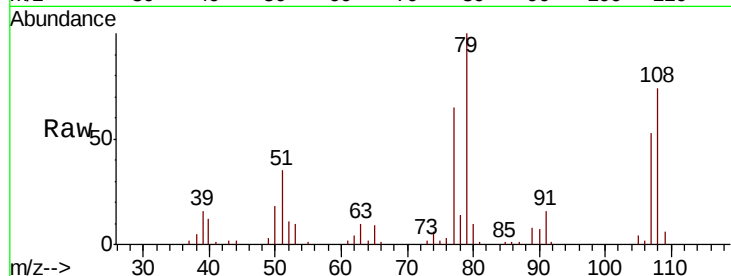
Tgt Ion: 79 Resp: 53883

Ion Ratio Lower Upper

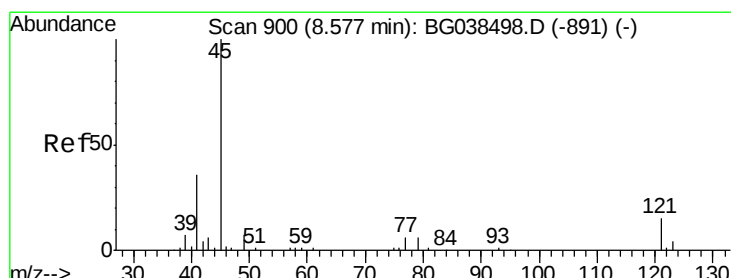
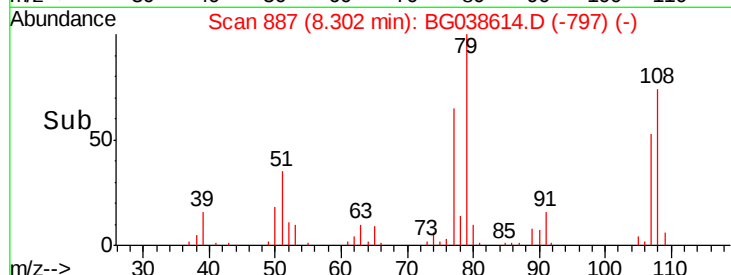
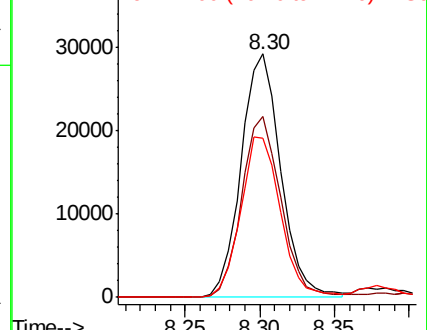
79 100

108 74.1 60.2 90.4

77 65.4 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: 39.858 ng

RT: 8.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

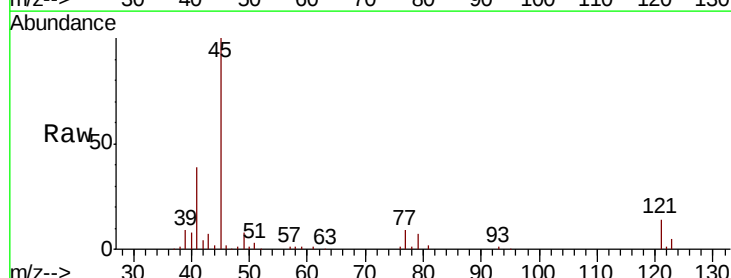
Tgt Ion: 45 Resp: 120691

Ion Ratio Lower Upper

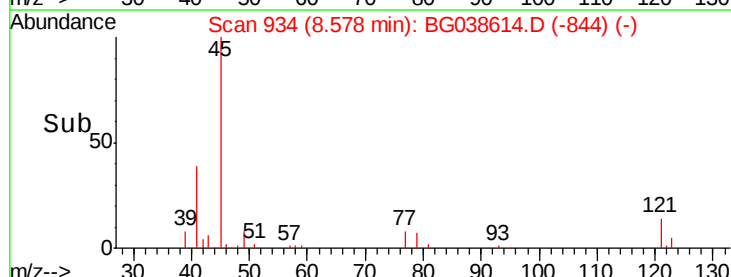
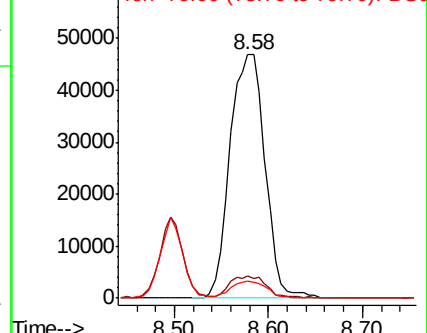
45 100

77 8.9 0.0 28.2

79 7.2 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

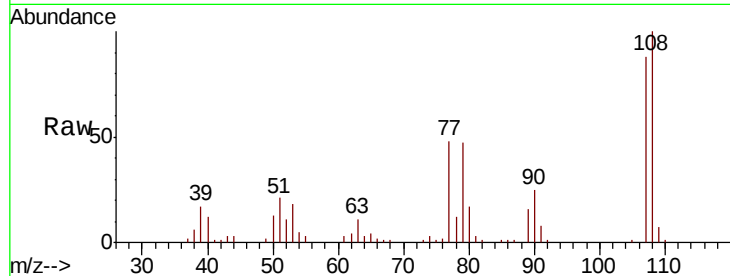




#17
2-Methylphenol
Concen: 45.119 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.3	87.1	130.7
77	53.9	42.0	63.0
79	53.6	38.2	57.2



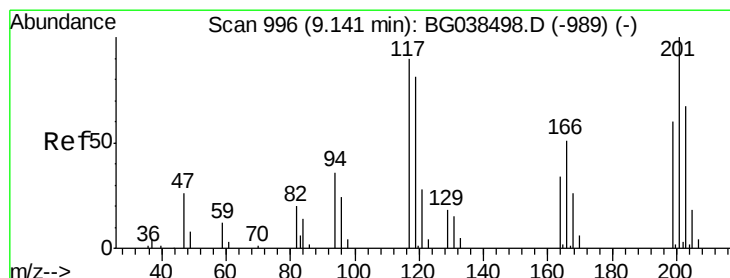
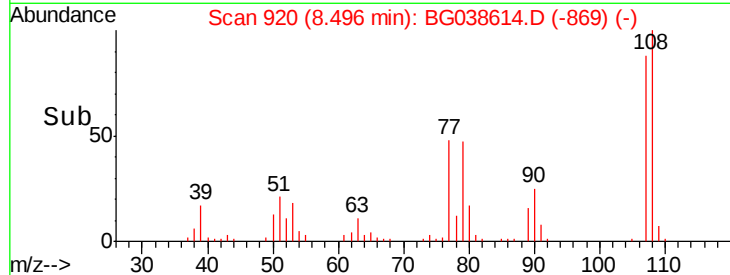
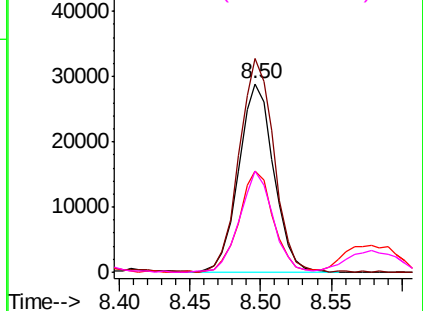
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

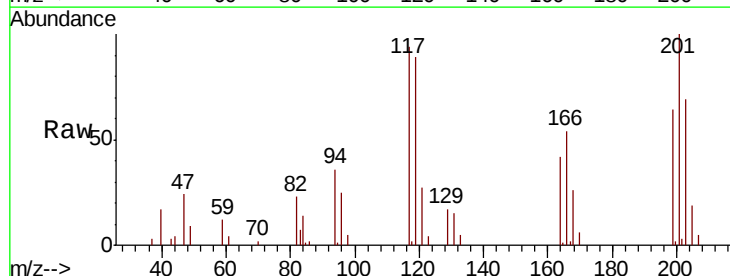
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.533 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	73.8	110.8
201	109.6	89.4	134.0

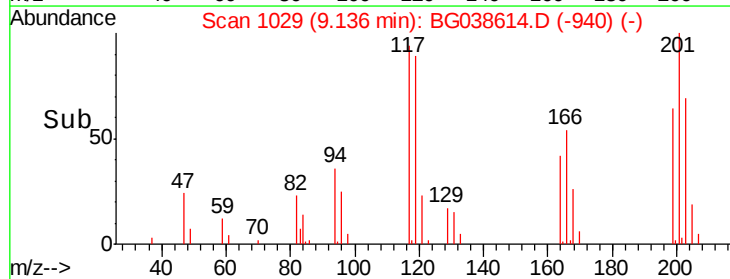
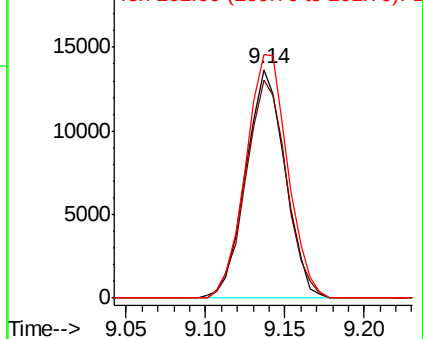


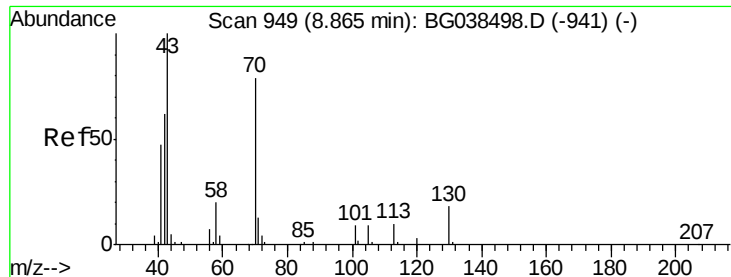
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

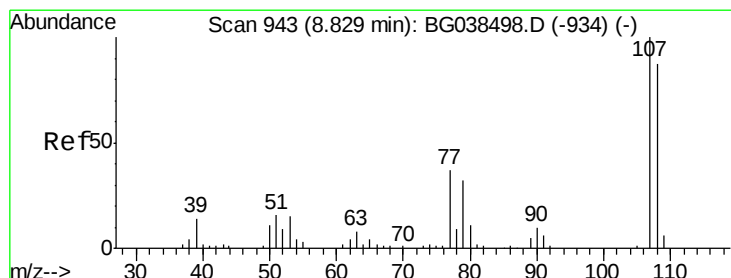
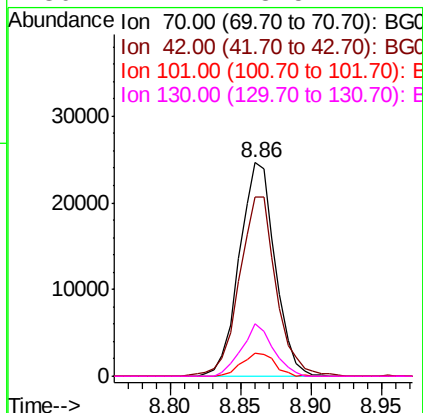
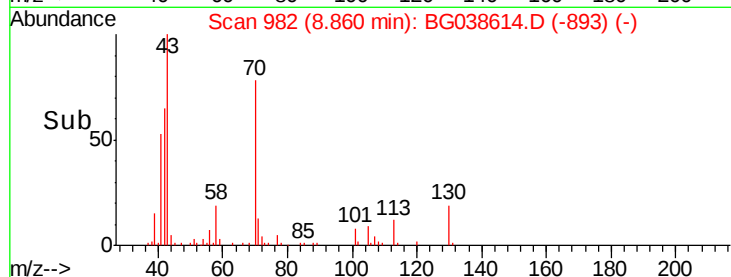
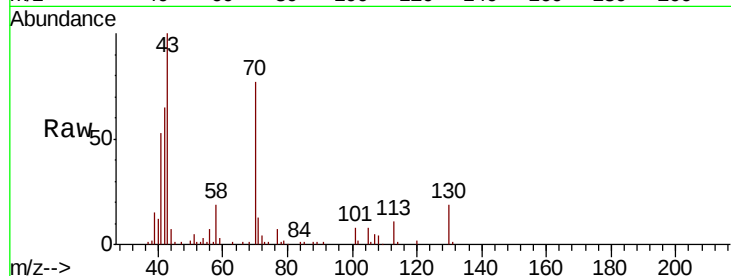




#19
n-Nitroso-di-n-propylamine
Concen: 39.580 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

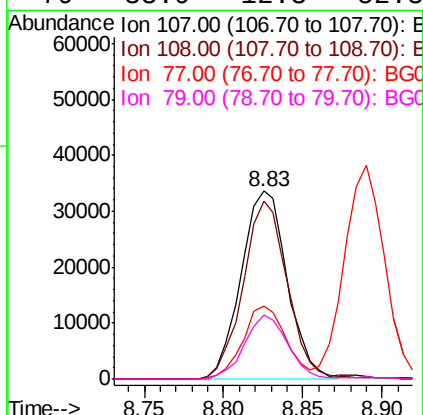
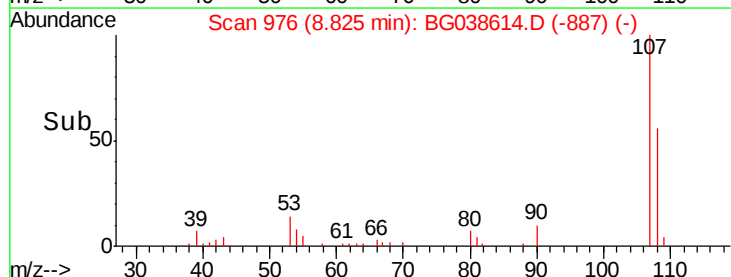
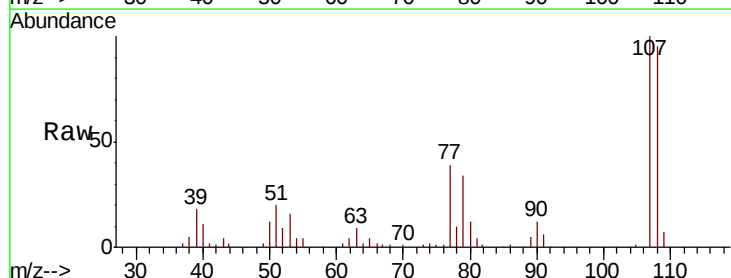
Instrument :
BNA_G
ClientSampleId :
PB115720BS

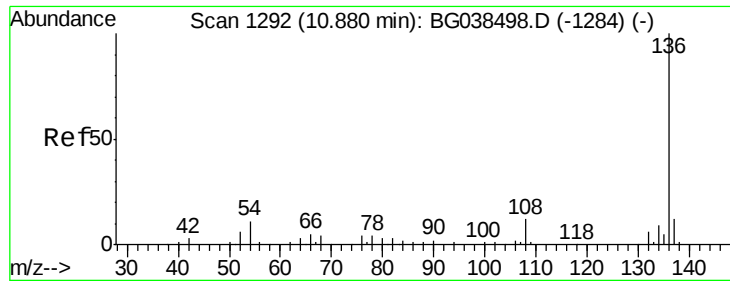
Tgt Ion: 70 Resp: 43444
Ion Ratio Lower Upper
70 100
42 83.8 63.6 95.4
101 10.9 9.2 13.8
130 24.4 18.5 27.7



#20
3+4-Methylphenols
Concen: 44.112 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion: 107 Resp: 67767
Ion Ratio Lower Upper
107 100
108 94.9 66.7 106.7
77 39.0 17.3 57.3
79 33.9 12.3 52.3

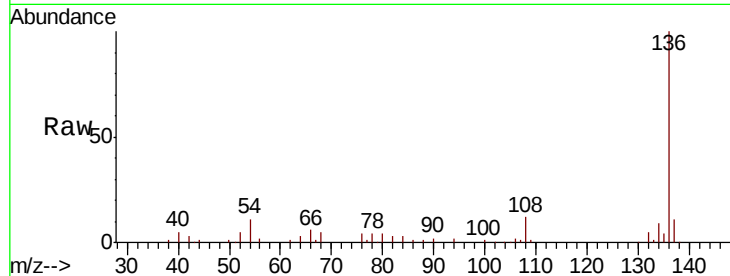




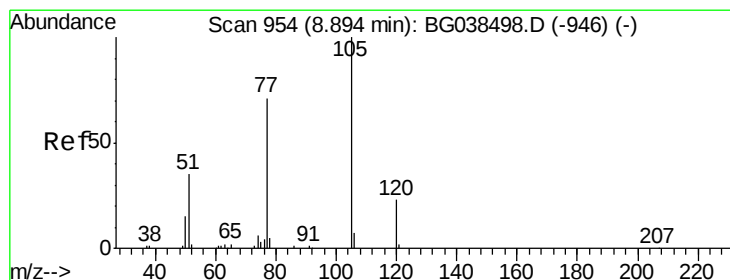
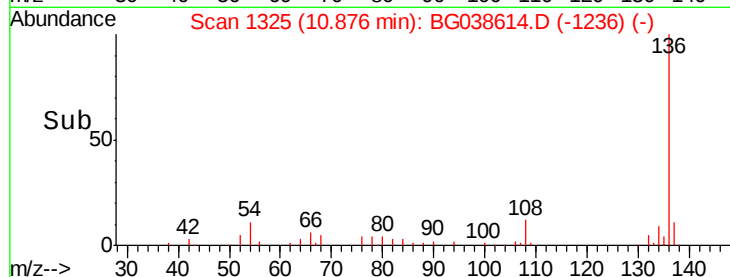
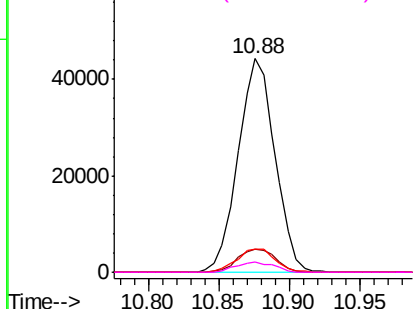
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tgt Ion:	136	Resp:	80667
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	10.7	8.5	12.7
68	4.7	3.5	5.3

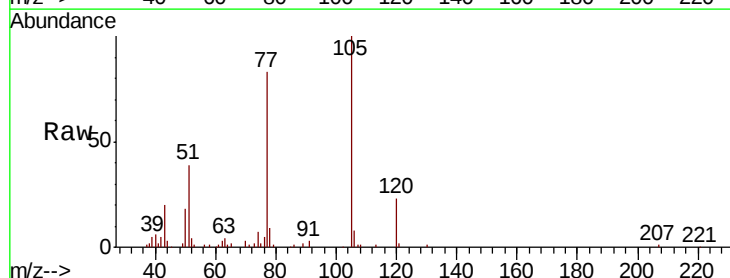


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

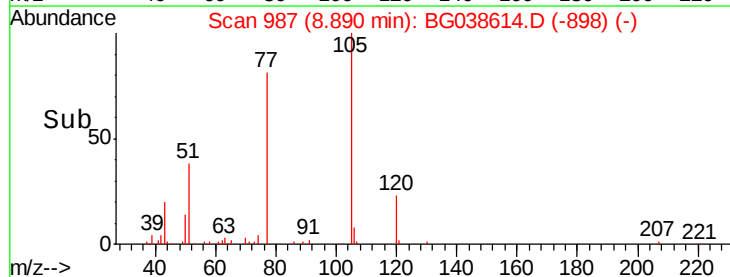
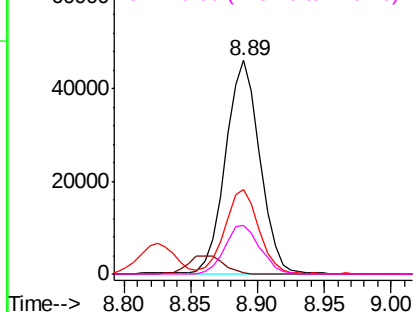


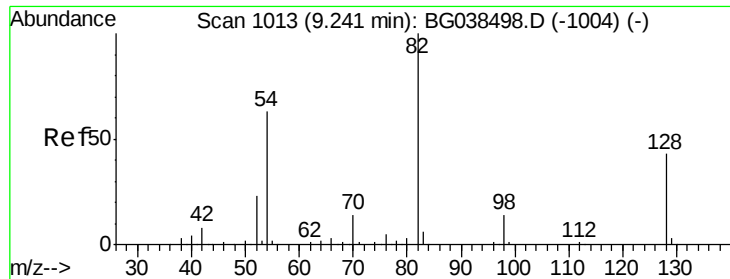
#22
Acetophenone
Concen: 41.111 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion:	105	Resp:	82834
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.4	0.6
51	39.4	30.6	46.0
120	23.0	18.6	28.0



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

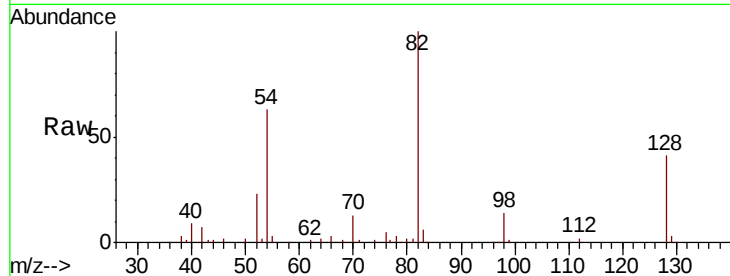




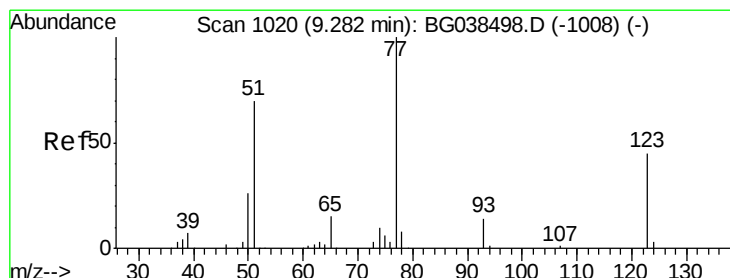
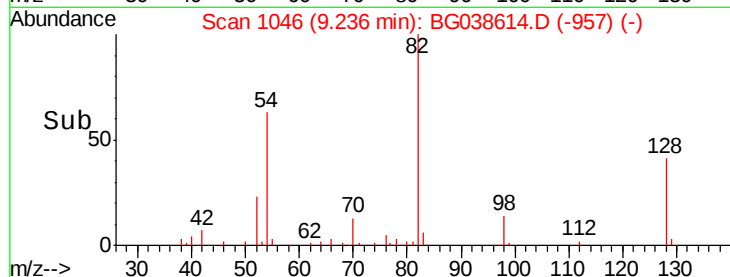
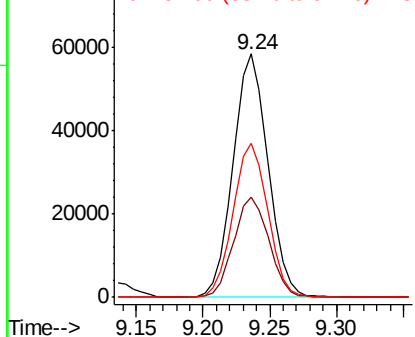
#23
 Nitrobenzene-d5
 Concen: 67.394 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

Tgt Ion: 82 Resp: 106415
 Ion Ratio Lower Upper
 82 100
 128 41.2 34.6 52.0
 54 63.1 50.6 76.0

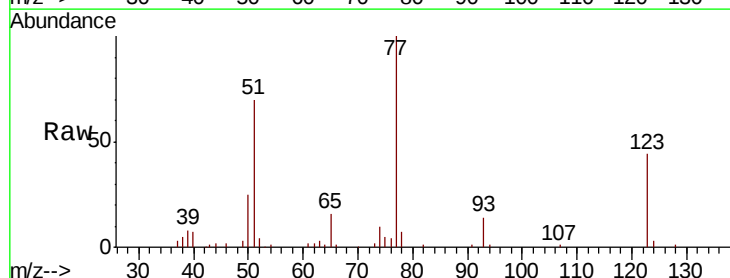


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

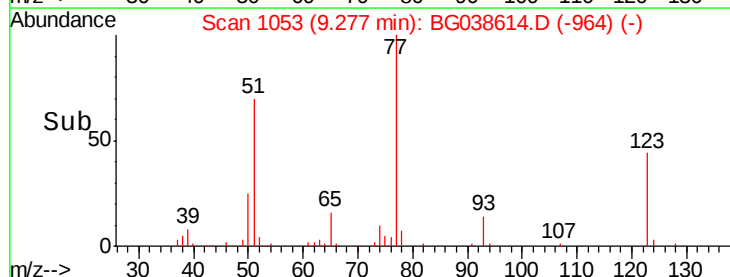
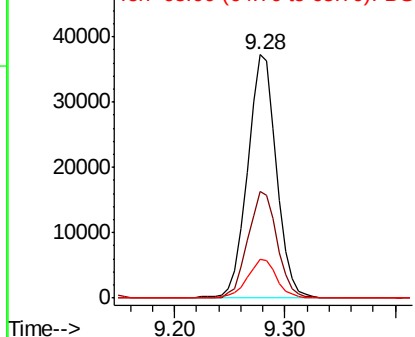


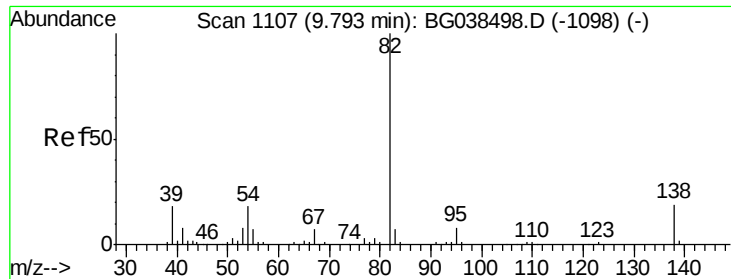
#24
 Nitrobenzene
 Concen: 42.815 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion: 77 Resp: 68391
 Ion Ratio Lower Upper
 77 100
 123 43.6 35.9 53.9
 65 15.9 12.0 18.0



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

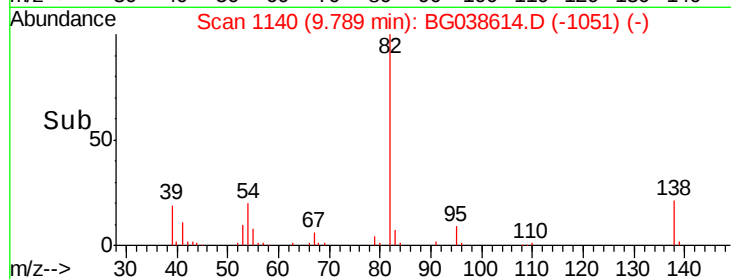
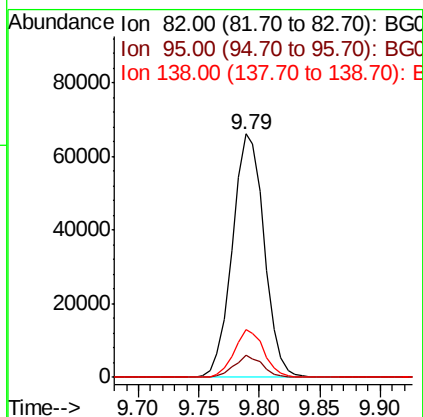
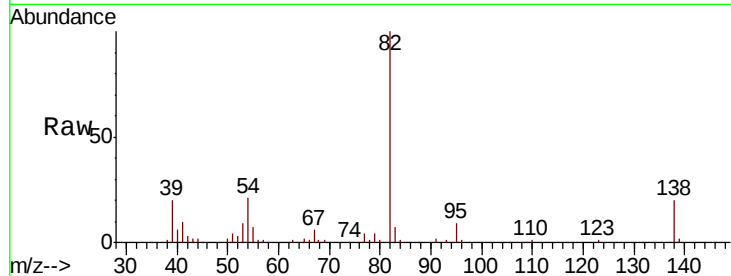




#25
Isophorone
Concen: 42.819 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

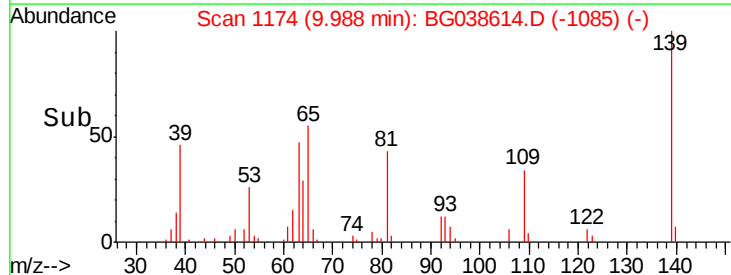
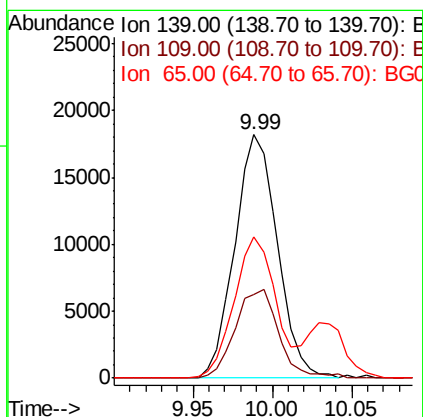
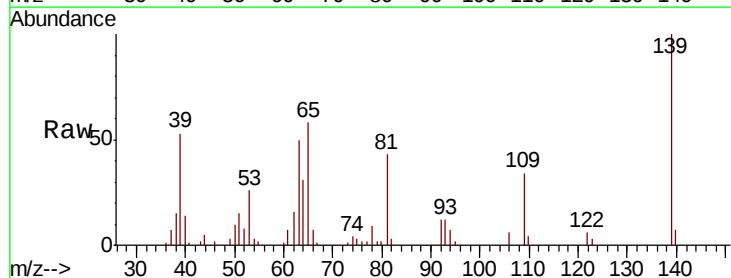
Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tgt Ion: 82 Resp: 121478
Ion Ratio Lower Upper
82 100
95 9.0 6.1 9.1
138 19.5 14.9 22.3



#26
2-Nitrophenol
Concen: 41.423 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion: 139 Resp: 33866
Ion Ratio Lower Upper
139 100
109 34.3 29.5 44.3
65 57.8 48.5 72.7

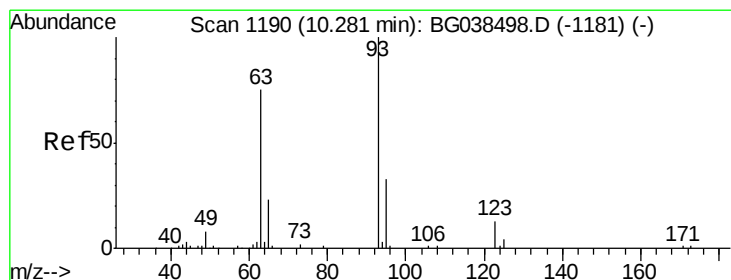
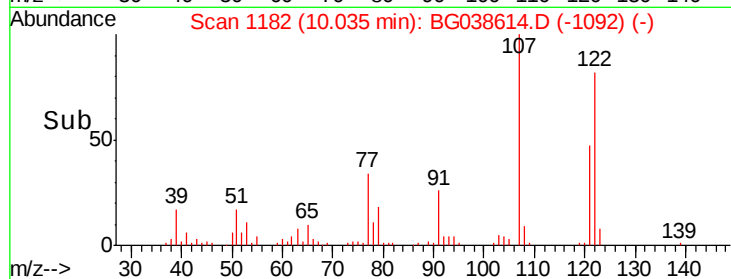
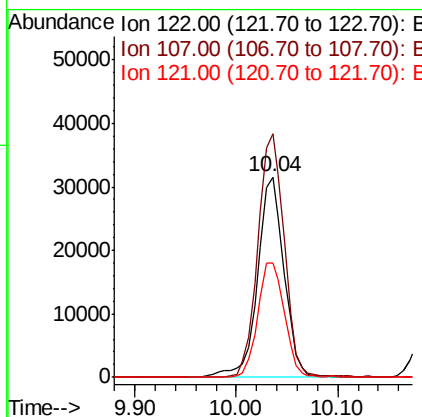
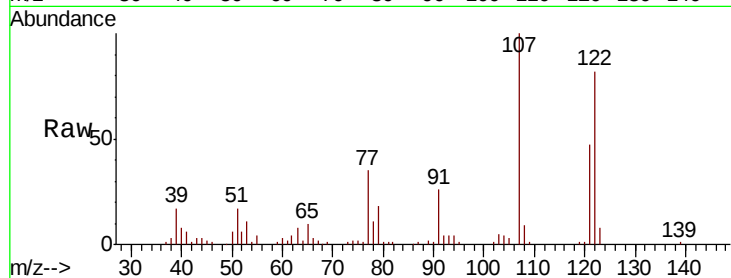




#27
 2,4-Dimethylphenol
 Concen: 48.765 ng
 RT: 10.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

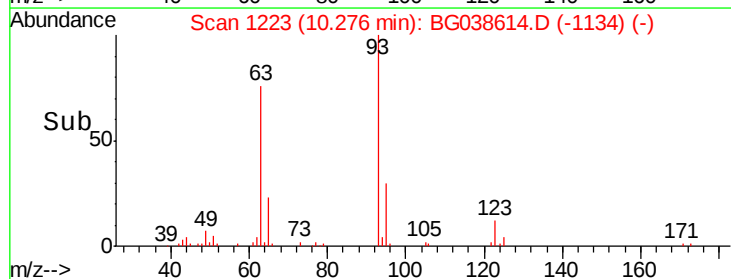
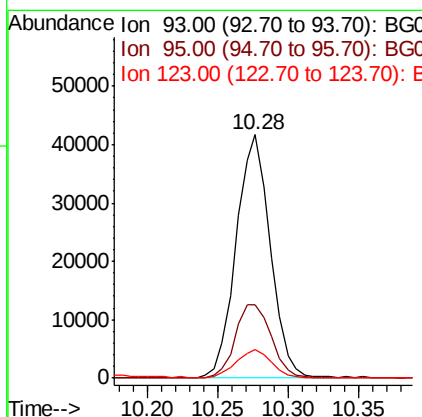
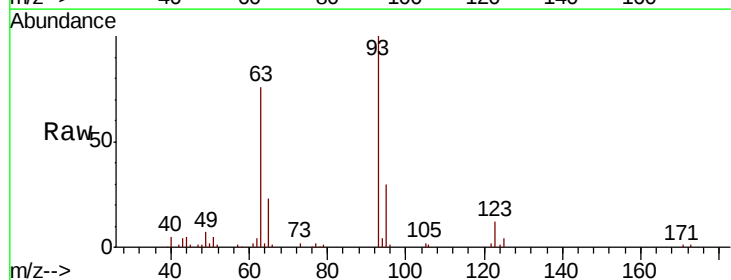
Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

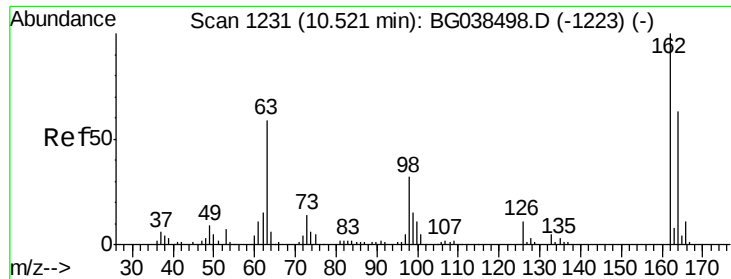
Tgt Ion: 122 Resp: 57138
 Ion Ratio Lower Upper
 122 100
 107 121.6 98.4 147.6
 121 57.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.058 ng
 RT: 10.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion: 93 Resp: 70537
 Ion Ratio Lower Upper
 93 100
 95 30.2 26.6 40.0
 123 11.7 10.6 16.0

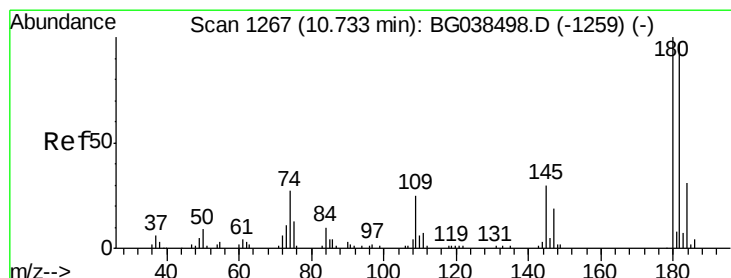
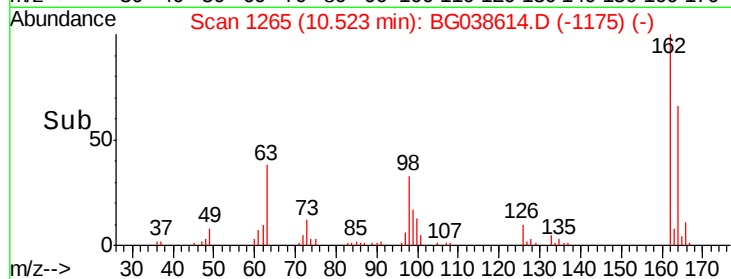
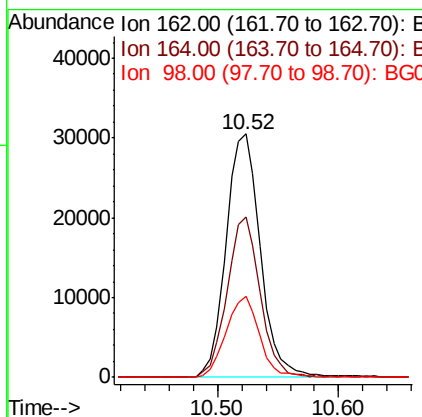
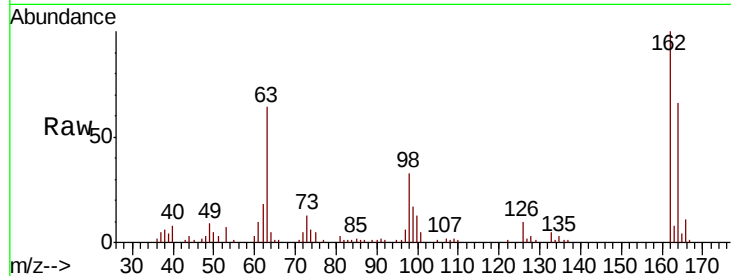




#29
 2,4-Dichlorophenol
 Concen: 46.116 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

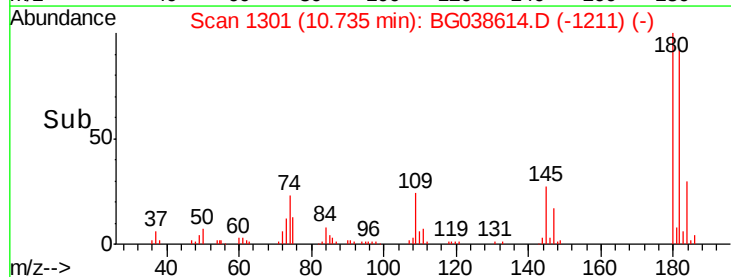
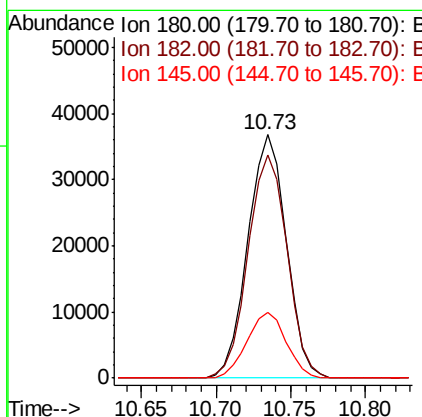
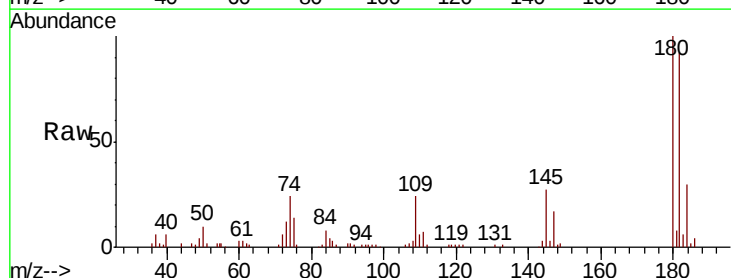
Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

Tgt Ion:162 Resp: 60112
 Ion Ratio Lower Upper
 162 100
 164 65.7 42.9 82.9
 98 33.3 12.1 52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.647 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion:180 Resp: 65573
 Ion Ratio Lower Upper
 180 100
 182 91.8 77.4 116.0
 145 26.9 24.1 36.1

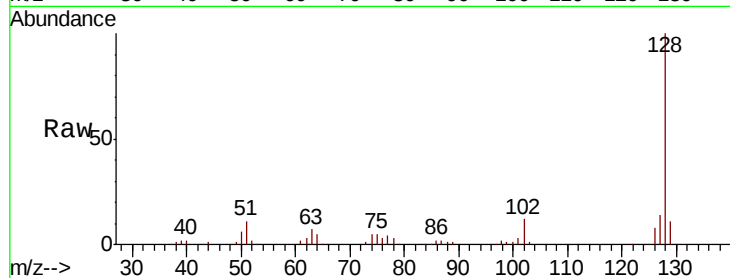




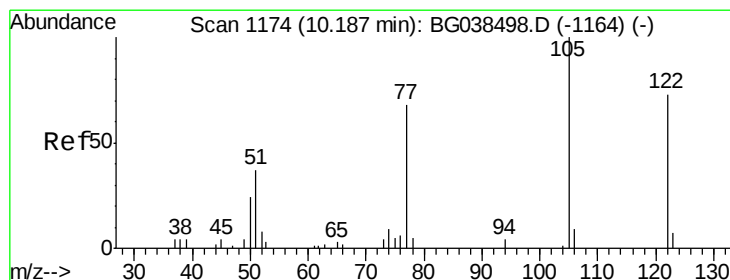
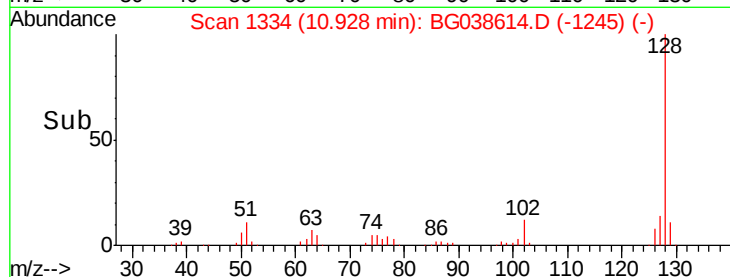
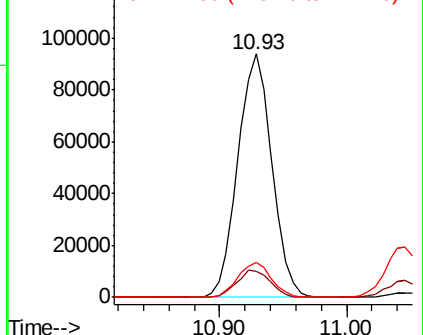
#31
Naphthalene
Concen: 43.903 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tgt Ion:128 Resp: 174495
Ion Ratio Lower Upper
128 100
129 10.8 9.5 14.3
127 14.3 10.9 16.3

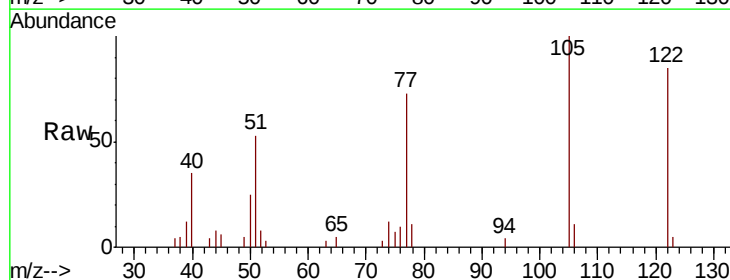


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

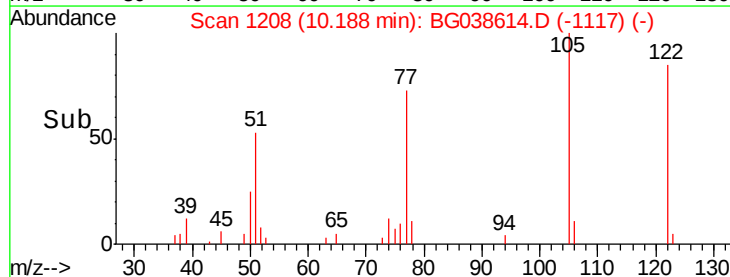
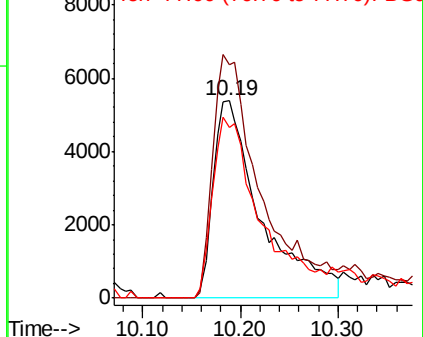


#32
Benzoic acid
Concen: 29.703 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion:122 Resp: 18448
Ion Ratio Lower Upper
122 100
105 118.2 116.7 156.7
77 86.5 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): BG

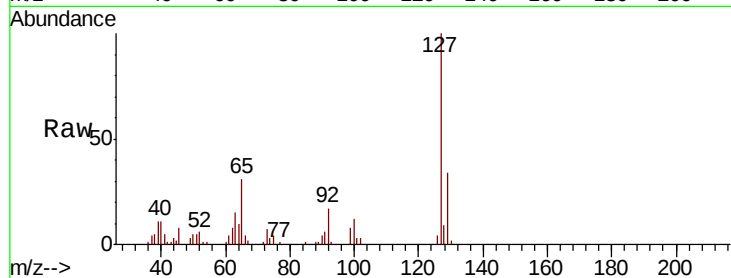




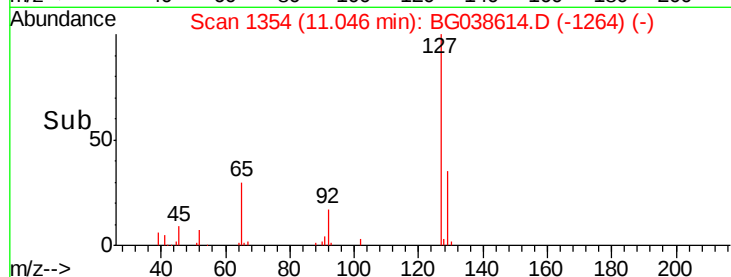
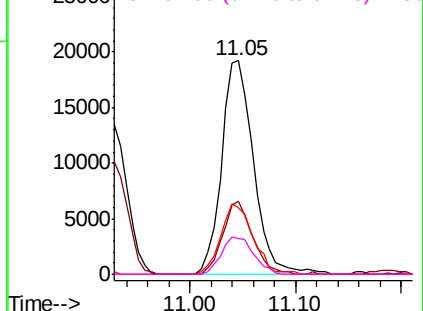
#33
4-Chloroaniline
Concen: 23.350 ng
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tgt Ion:	127	Resp:	40291
Ion	Ratio	Lower	Upper
127	100		
129	34.3	25.8	38.8
65	30.9	27.8	41.6
92	16.6	17.0	25.6#

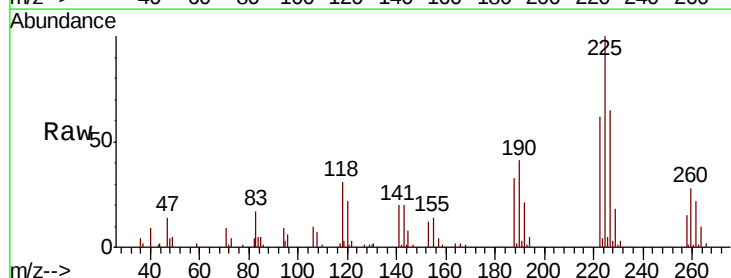


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

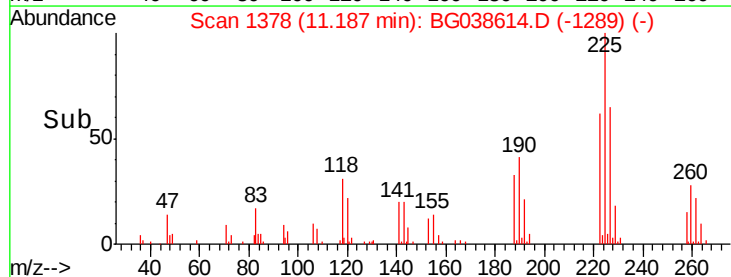
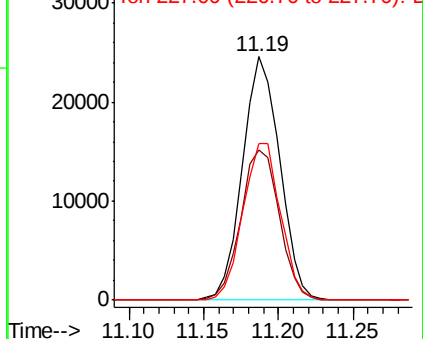


#34
Hexachlorobutadiene
Concen: 39.870 ng
RT: 11.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion:	225	Resp:	42477
Ion	Ratio	Lower	Upper
225	100		
223	58.7	45.0	67.6
227	64.1	50.6	75.8



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

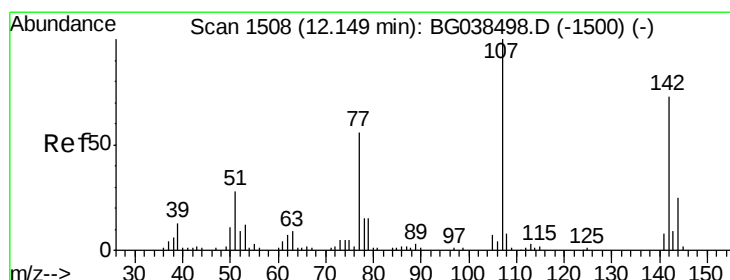
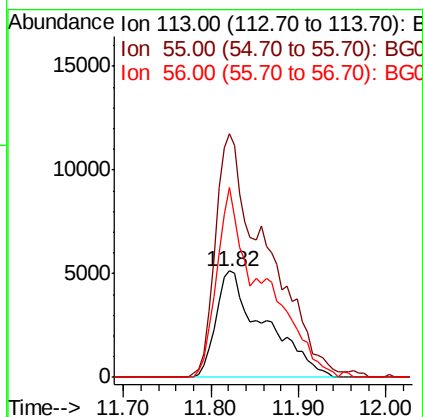
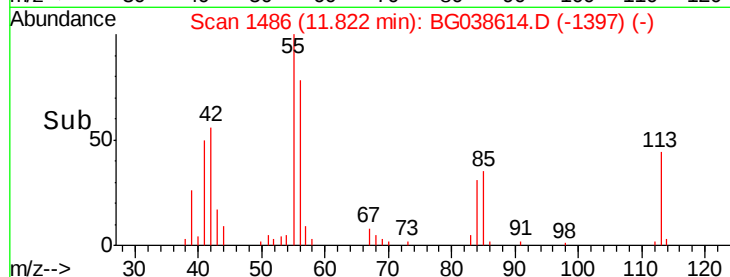
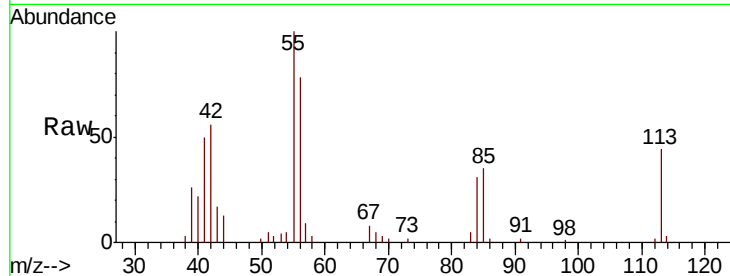




#35
 Caprolactam
 Concen: 36.600 ng
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

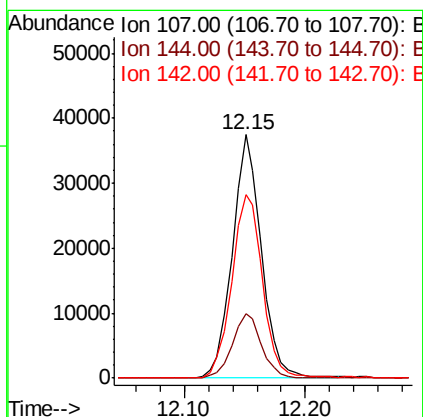
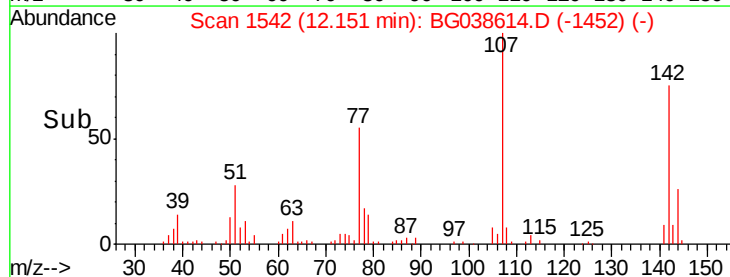
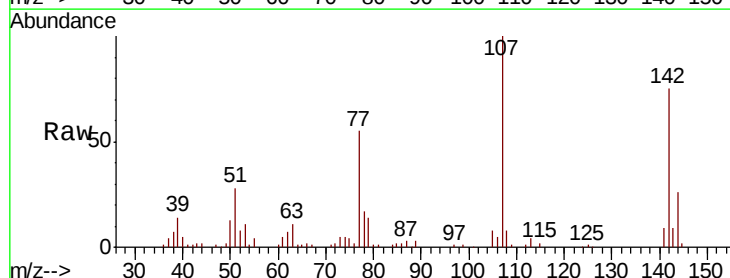
Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

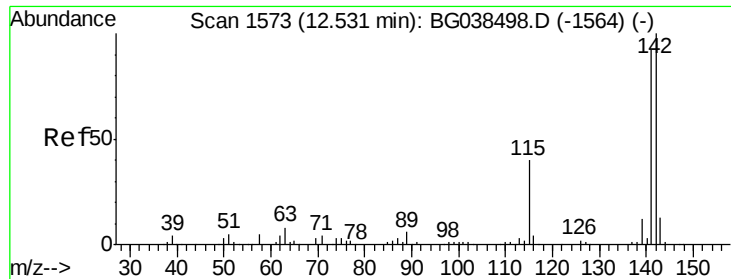
Tgt Ion:113 Resp: 19744
 Ion Ratio Lower Upper
 113 100
 55 228.7 204.3 244.3
 56 177.8 135.0 175.0#



#36
 4-Chloro-3-methylphenol
 Concen: 42.039 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion:107 Resp: 62533
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.1 30.1
 142 75.1 58.7 88.1

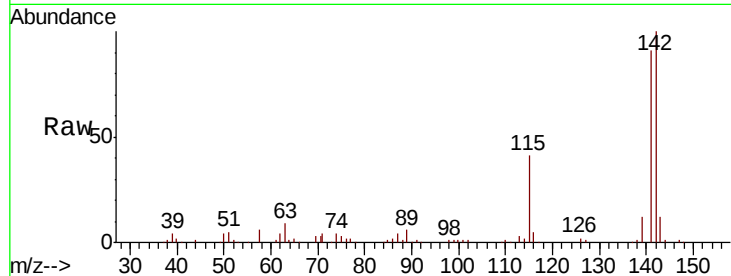




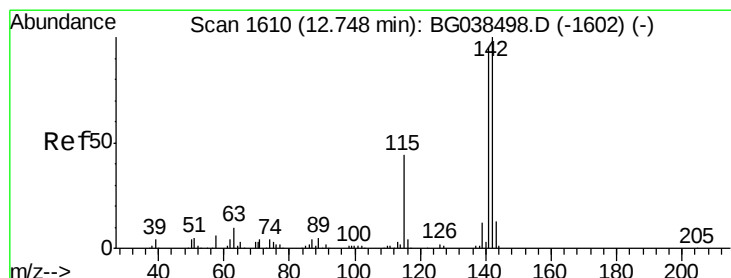
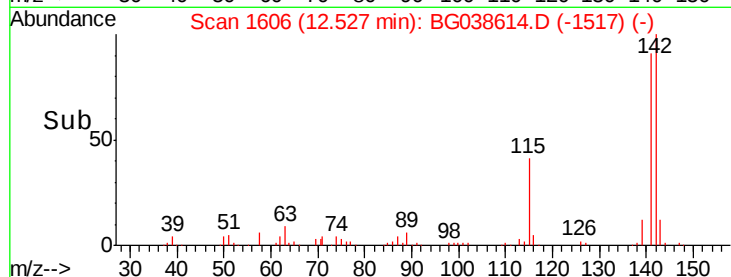
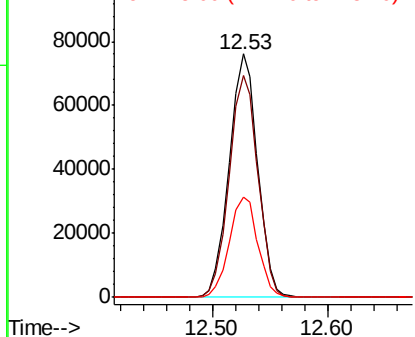
#37
 2-Methylnaphthalene
 Concen: 45.565 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

Tgt Ion:142 Resp: 129200
 Ion Ratio Lower Upper
 142 100
 141 91.0 73.5 110.3
 115 41.2 31.7 47.5

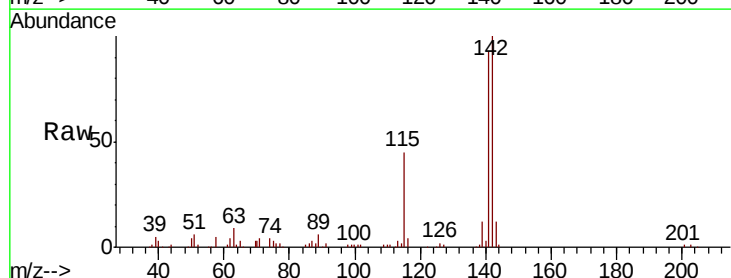


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

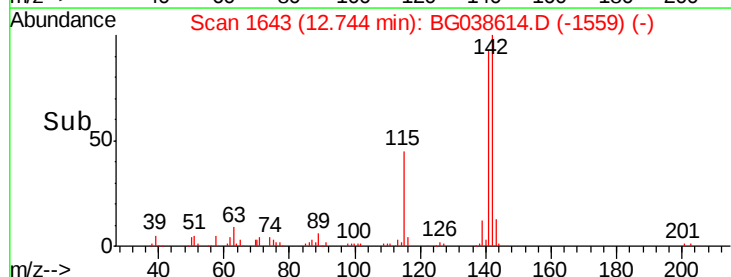
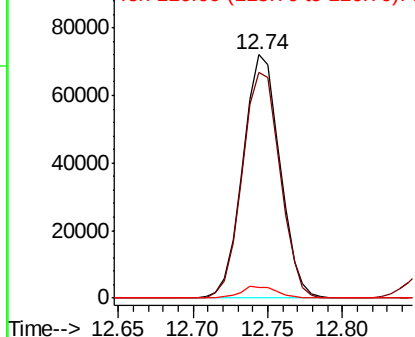


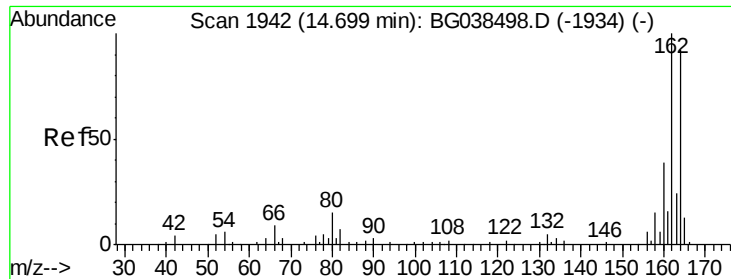
#38
 1-Methylnaphthalene
 Concen: 45.013 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion:142 Resp: 123853
 Ion Ratio Lower Upper
 142 100
 141 92.8 75.8 113.8
 116 4.2 3.6 5.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

ClientSampleId :

PB115720BS

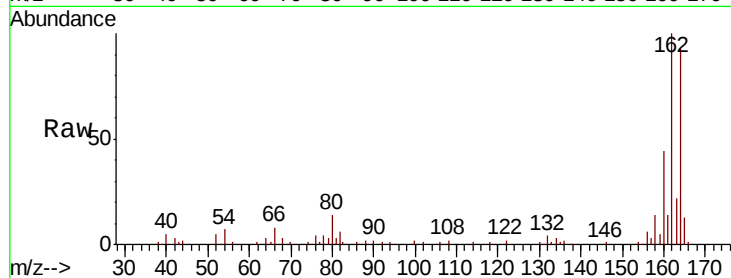
Tgt Ion:164 Resp: 51177

Ion Ratio Lower Upper

164 100

162 107.3 86.6 130.0

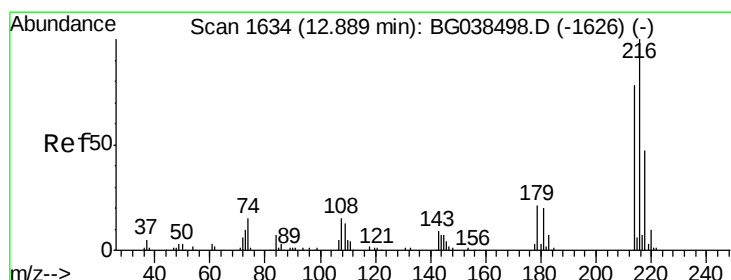
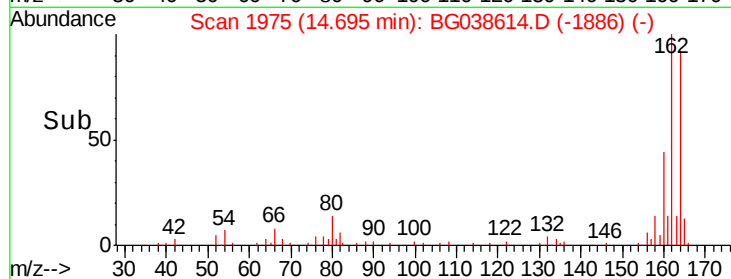
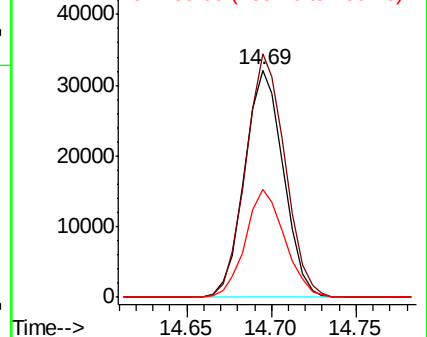
160 47.3 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.219 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Tgt Ion:216 Resp: 76938

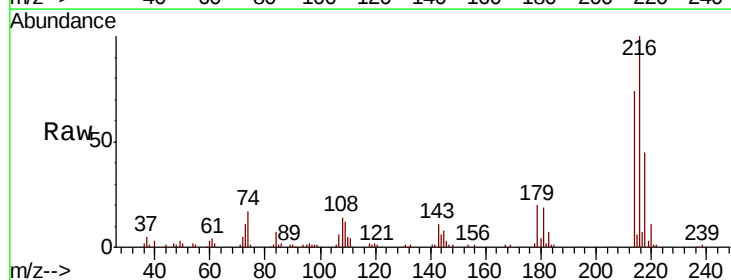
Ion Ratio Lower Upper

216 100

214 78.6 64.1 96.1

179 20.3 16.4 24.6

108 19.1 13.9 20.9

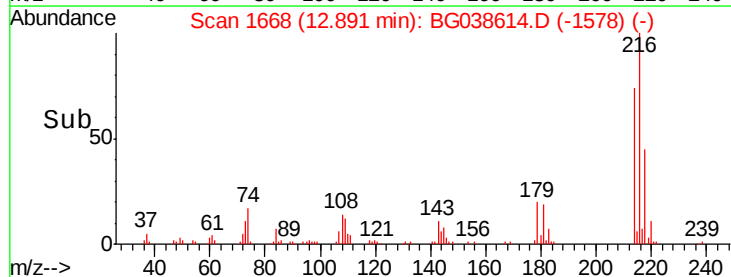
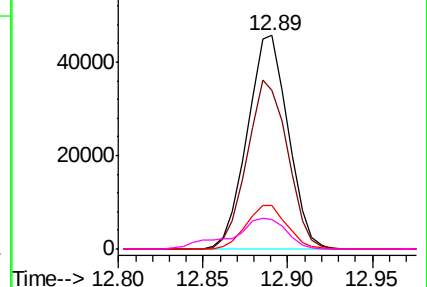


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 103.105 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

ClientSampleId :

PB115720BS

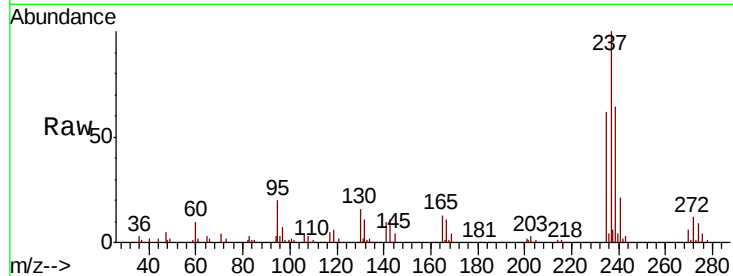
Tgt Ion:237 Resp: 108361

Ion Ratio Lower Upper

237 100

235 62.0 38.8 78.8

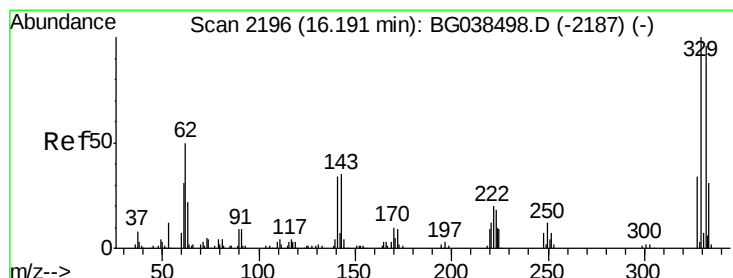
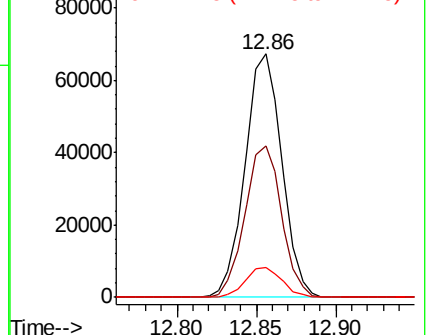
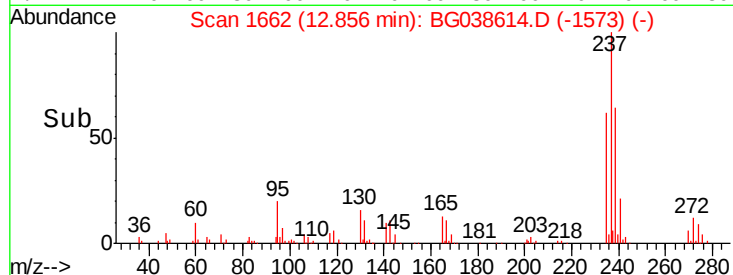
272 12.4 0.0 32.0



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: 120.877 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

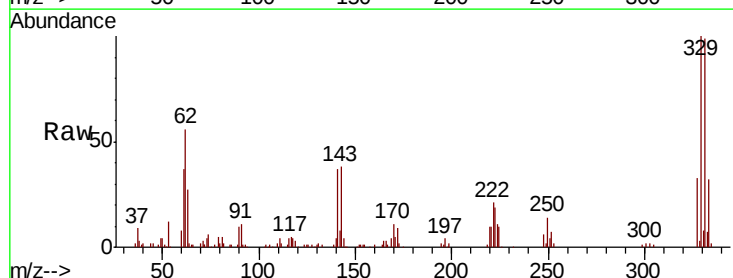
Tgt Ion:330 Resp: 85256

Ion Ratio Lower Upper

330 100

332 98.1 76.9 115.3

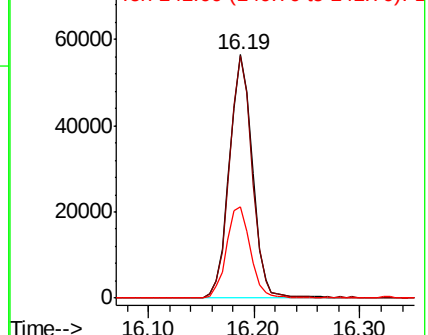
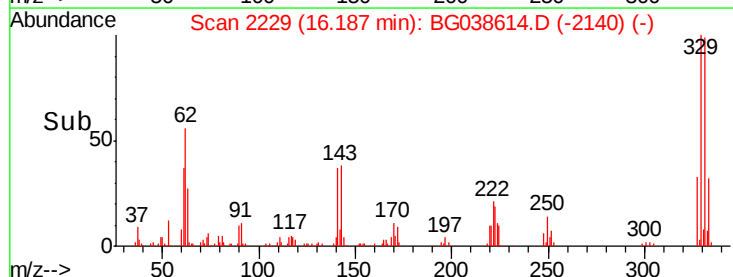
141 38.8 28.8 43.2



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

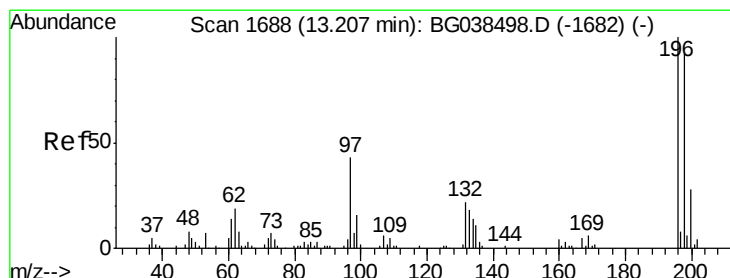
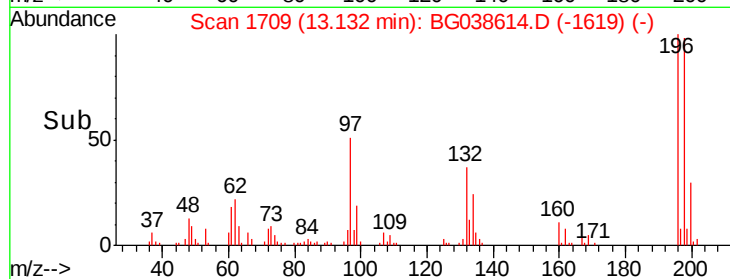
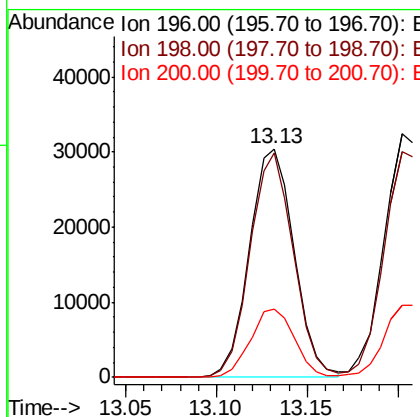
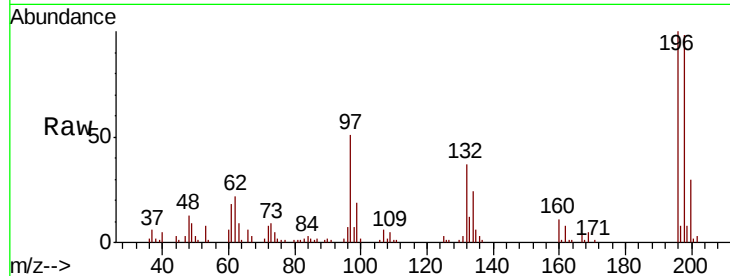




#43
 2,4,6-Trichlorophenol
 Concen: 44.192 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

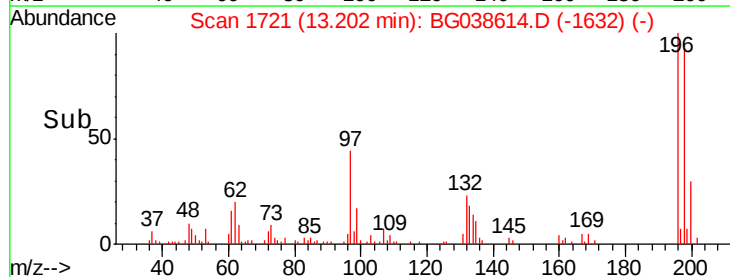
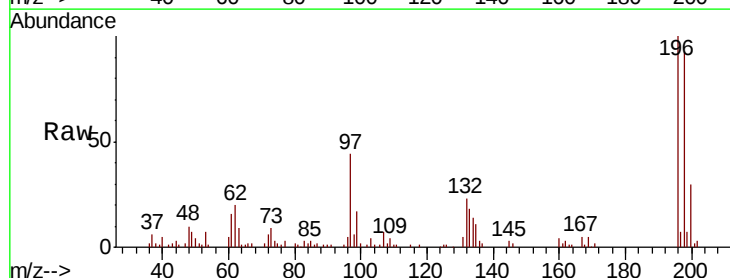
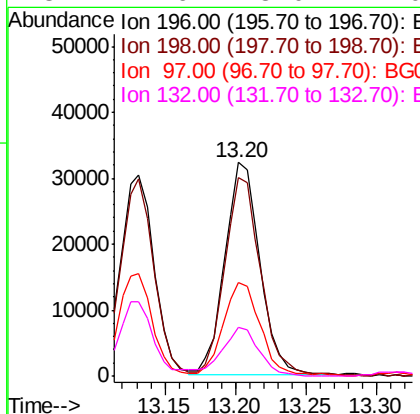
Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

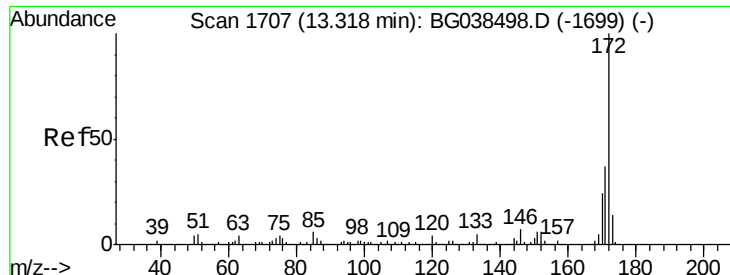
Tgt Ion:196 Resp: 51979
 Ion Ratio Lower Upper
 196 100
 198 98.2 75.0 112.4
 200 31.9 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 44.860 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion:196 Resp: 55866
 Ion Ratio Lower Upper
 196 100
 198 92.7 74.0 111.0
 97 43.6 35.1 52.7
 132 22.6 18.0 27.0

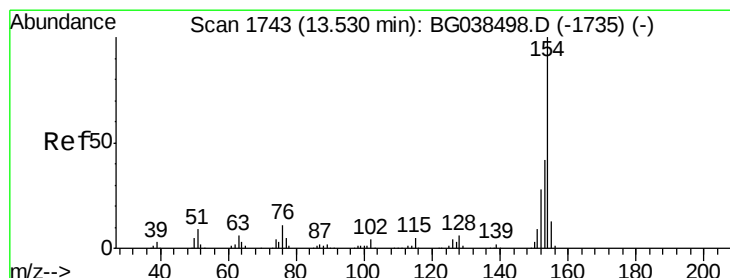
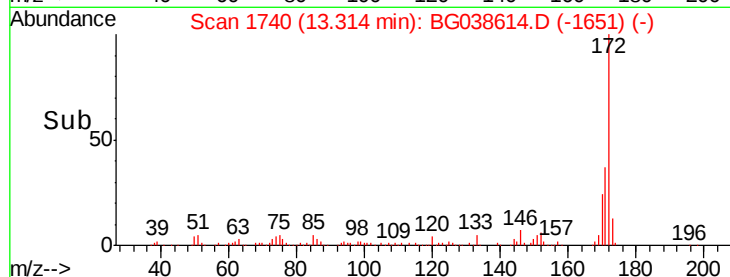
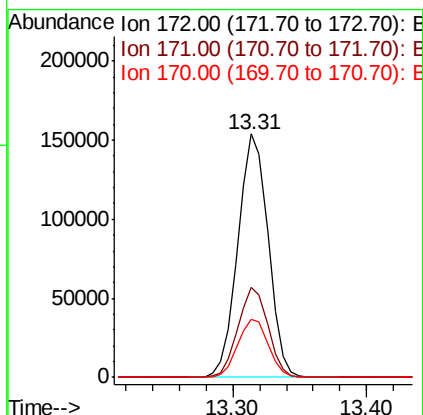
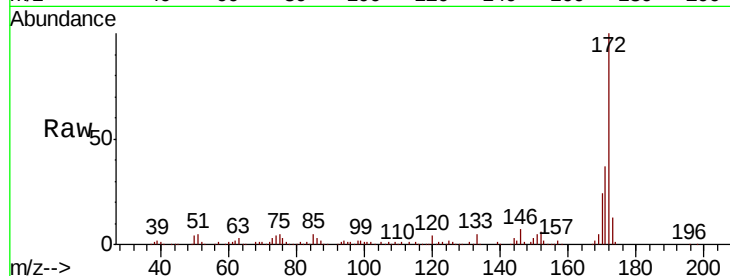




#45
 2-Fluorobiphenyl
 Concen: 64.680 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

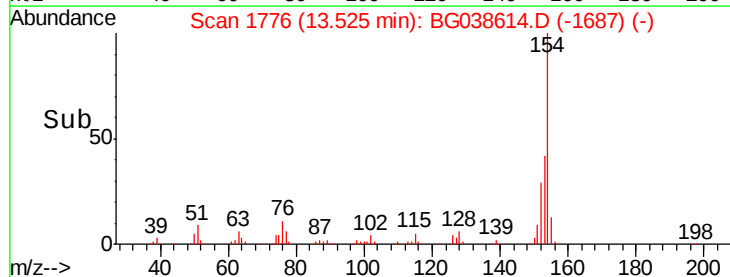
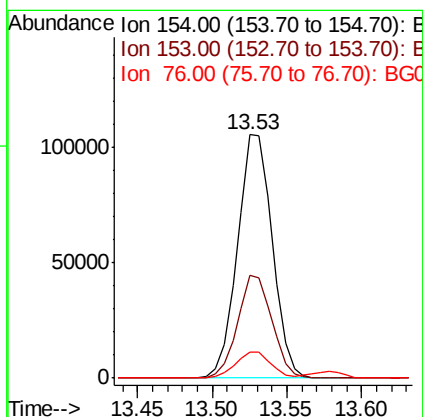
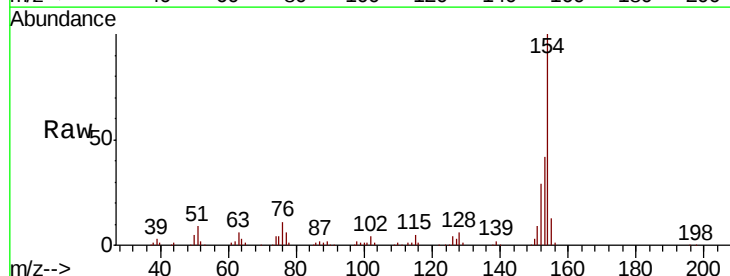
Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

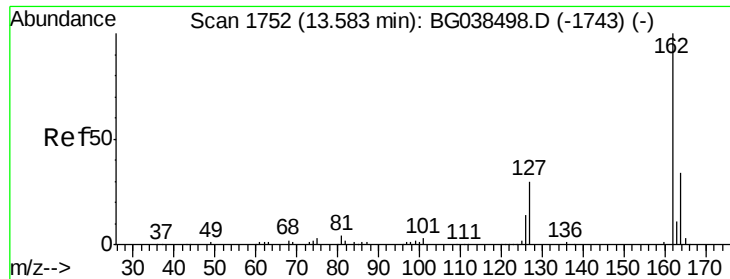
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	23.8	19.5	29.3



#46
 1,1'-Biphenyl
 Concen: 39.624 ng
 RT: 13.53 min Scan# 1776
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.1	62.1
76	10.6	0.0	31.2

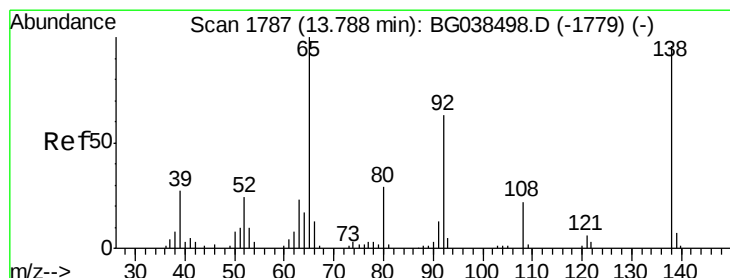
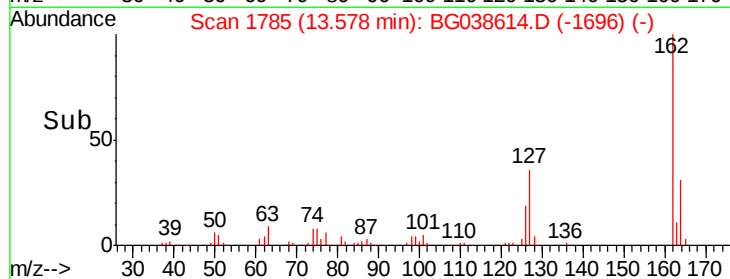
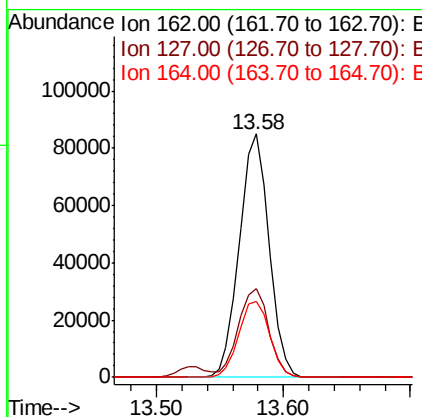
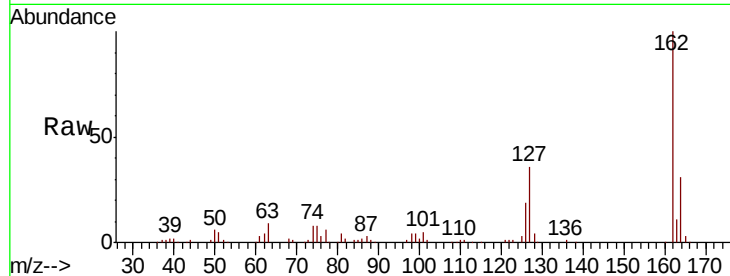




#47
 2-Chloronaphthalene
 Concen: 41.666 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

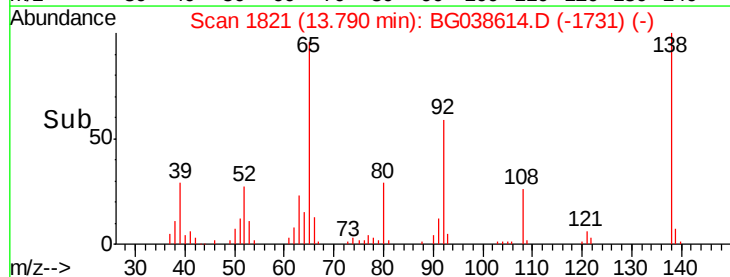
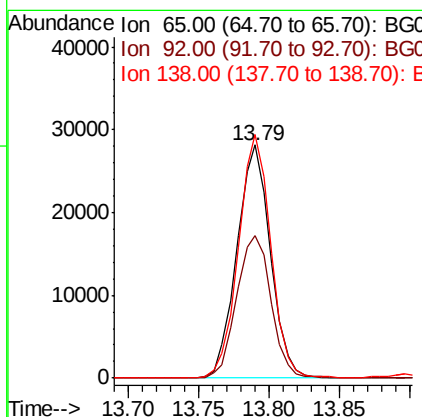
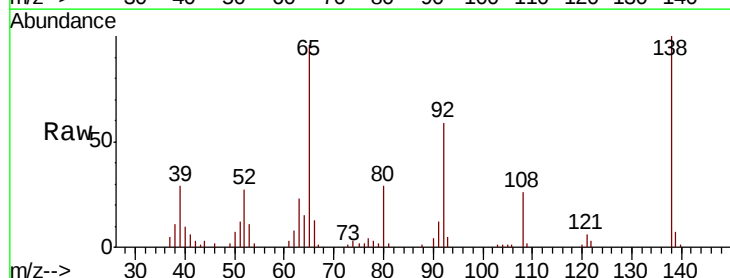
Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

Tgt Ion: 162 Resp: 138081
 Ion Ratio Lower Upper
 162 100
 127 36.5 27.8 41.8
 164 31.4 26.9 40.3



#48
 2-Nitroaniline
 Concen: 44.218 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion: 65 Resp: 46676
 Ion Ratio Lower Upper
 65 100
 92 61.2 50.0 75.0
 138 104.4 76.9 115.3





#49

Acenaphthylene

Concen: 45.078 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

ClientSampleId :

PB115720BS

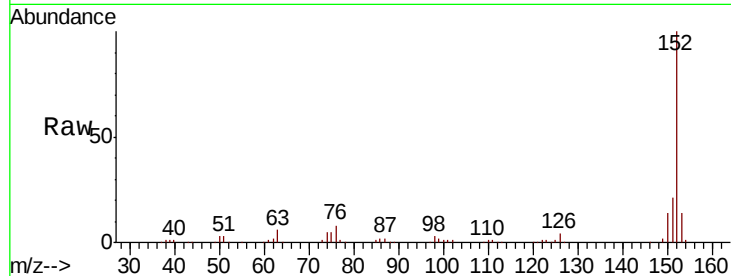
Tgt Ion:152 Resp: 223330

Ion Ratio Lower Upper

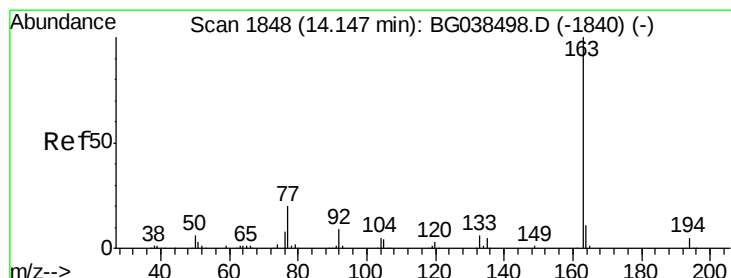
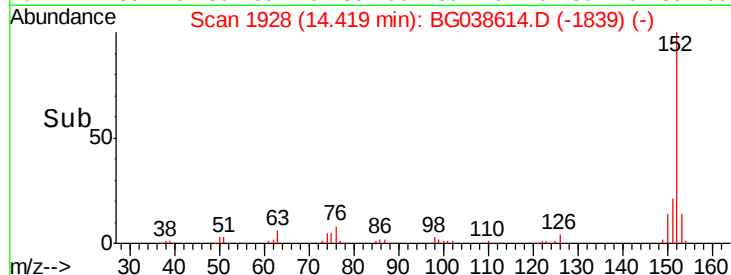
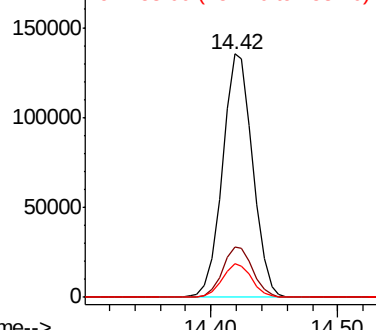
152 100

151 20.7 16.4 24.6

153 13.9 10.4 15.6



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



#50

Dimethylphthalate

Concen: 43.782 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

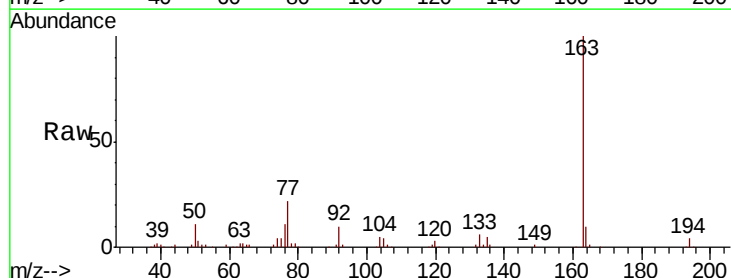
Tgt Ion:163 Resp: 182976

Ion Ratio Lower Upper

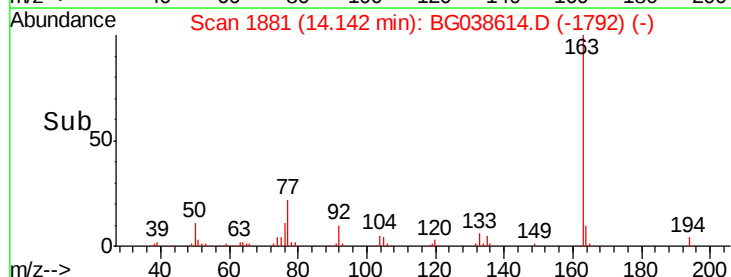
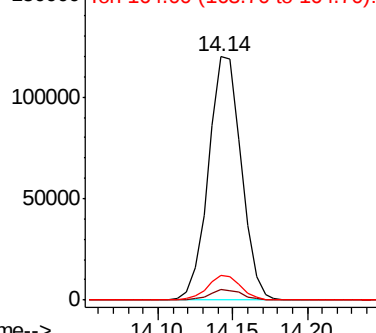
163 100

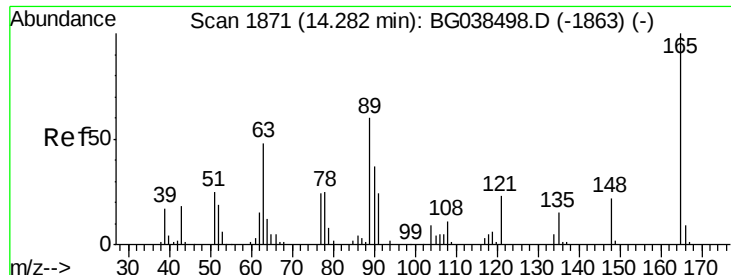
194 4.2 3.7 5.5

164 10.2 8.6 12.8



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

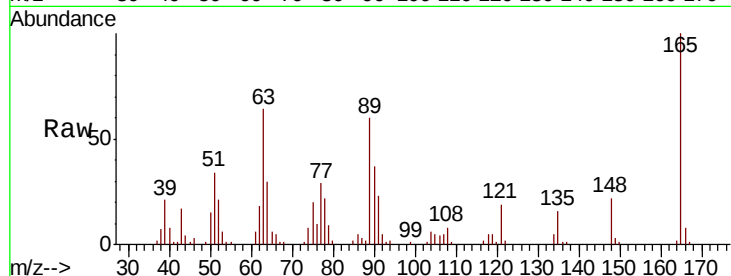




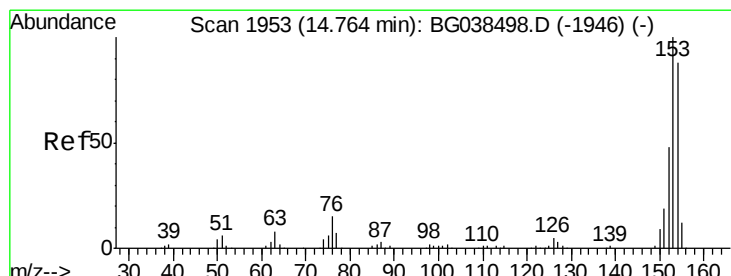
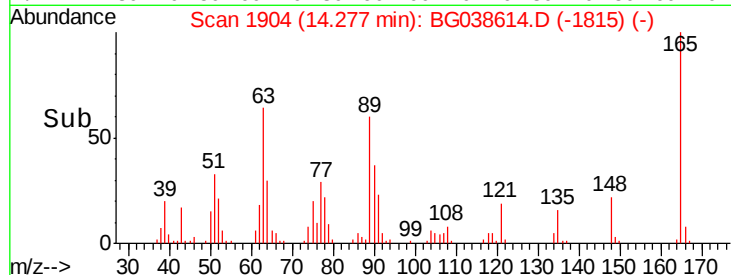
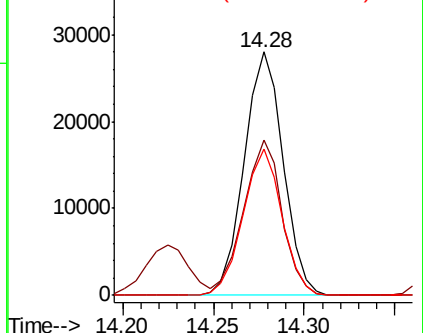
#51
2,6-Dinitrotoluene
Concen: 44.079 ng
RT: 14.28 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tgt Ion:165 Resp: 41747
Ion Ratio Lower Upper
165 100
63 63.8 51.8 77.6
89 60.3 47.9 71.9

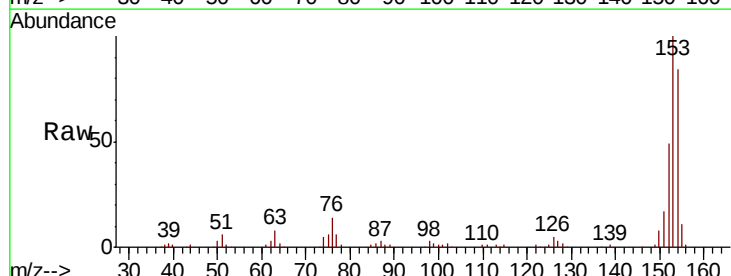


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

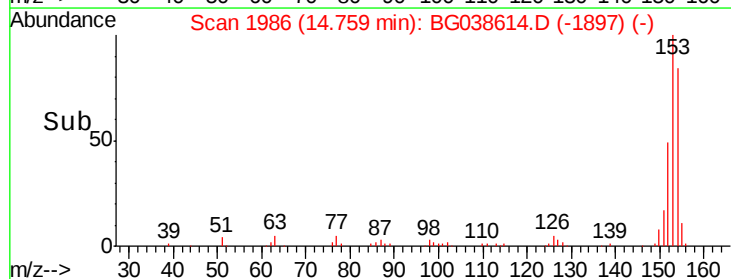
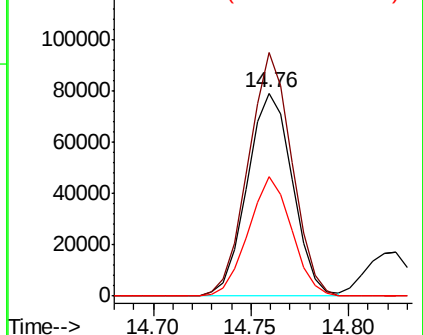


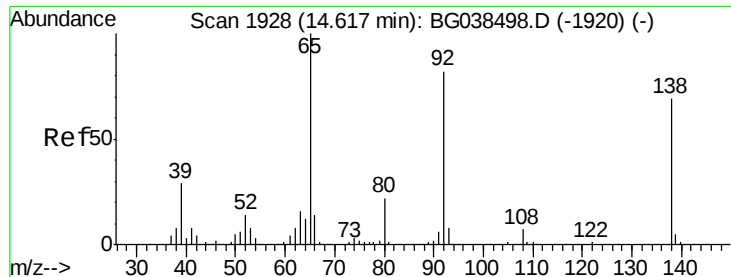
#52
Acenaphthene
Concen: 42.861 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion:154 Resp: 126976
Ion Ratio Lower Upper
154 100
153 119.8 90.6 136.0
152 58.6 43.5 65.3



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

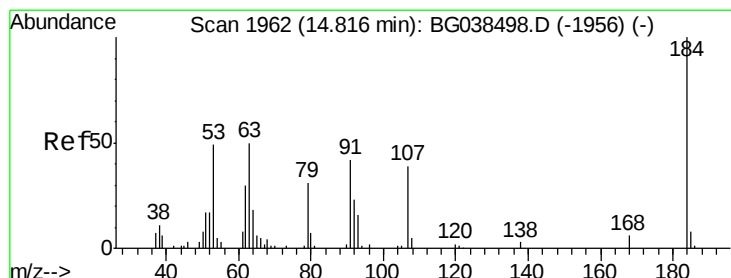
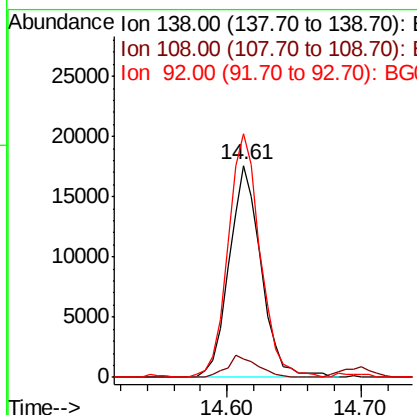
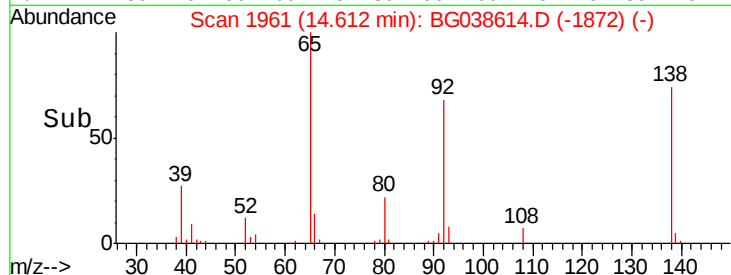
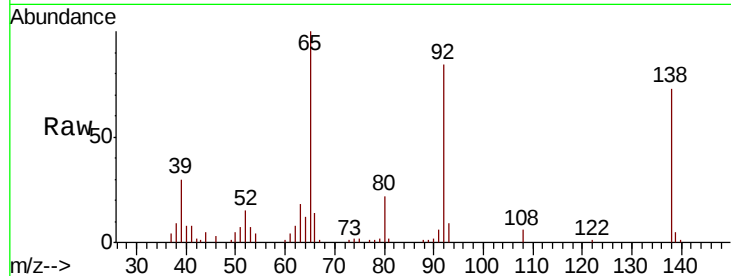




#53
 3-Nitroaniline
 Concen: 30.289 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

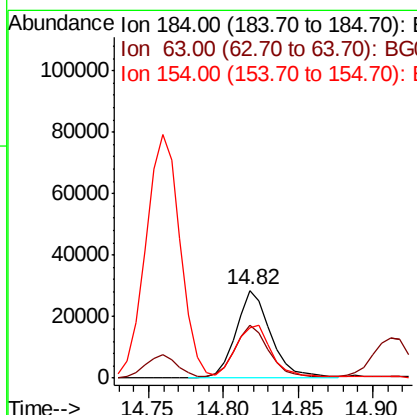
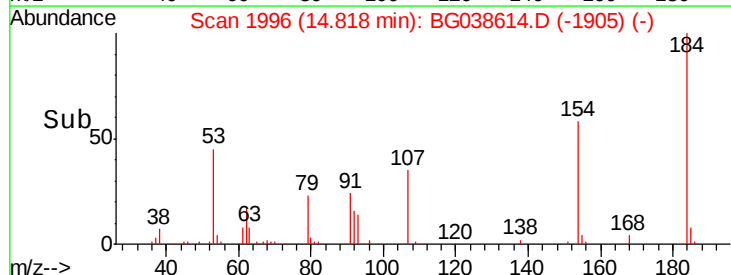
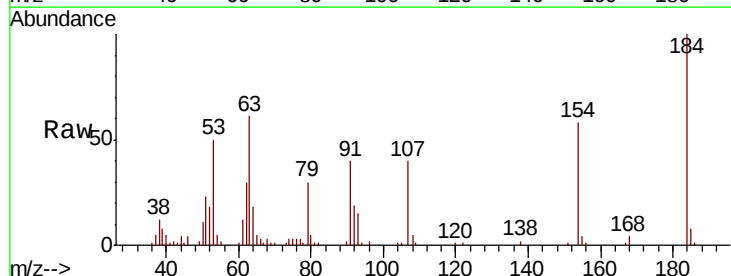
Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

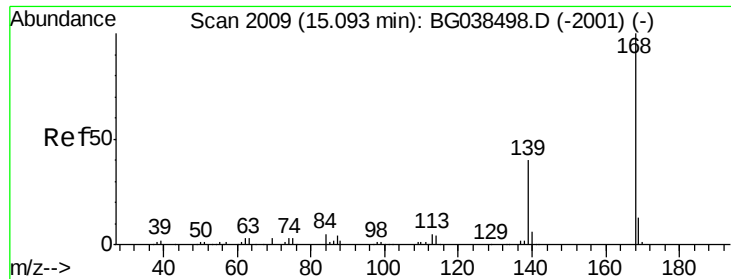
Tgt Ion:138 Resp: 29243
 Ion Ratio Lower Upper
 138 100
 108 8.9 7.9 11.9
 92 115.0 95.3 142.9



#54
 2,4-Dinitrophenol
 Concen: 82.131 ng
 RT: 14.82 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion:184 Resp: 46366
 Ion Ratio Lower Upper
 184 100
 63 60.9 47.0 70.6
 154 57.6 50.3 75.5

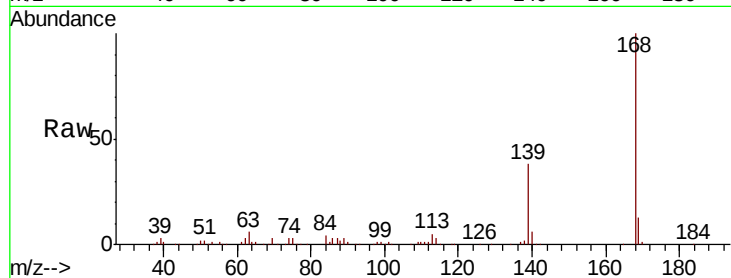




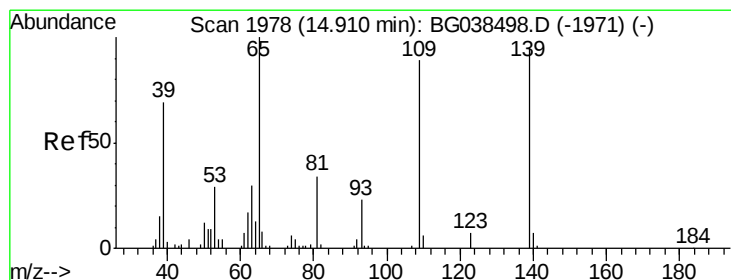
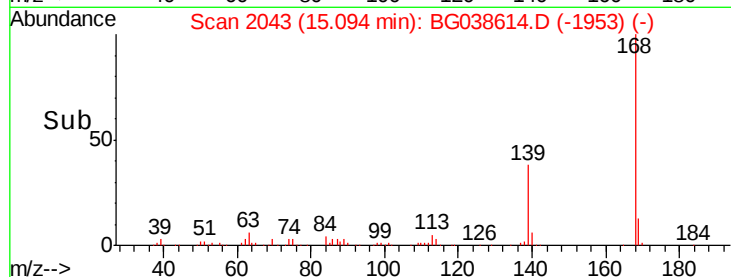
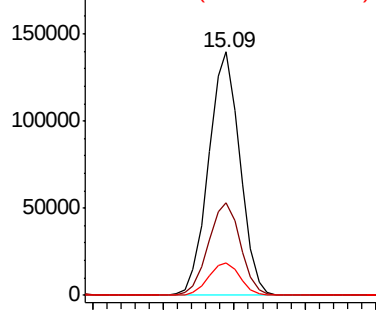
#55
Dibenzenofuran
Concen: 42.505 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tgt Ion:168 Resp: 215847
Ion Ratio Lower Upper
168 100
139 38.0 32.2 48.2
169 13.5 10.6 16.0

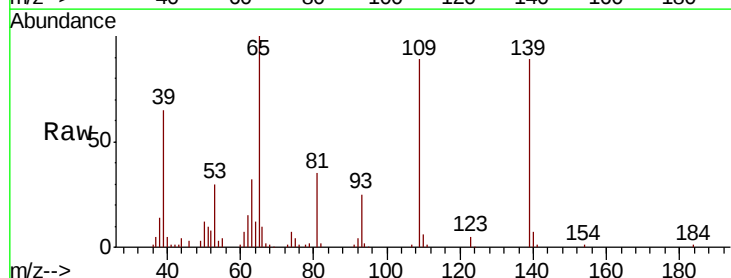


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

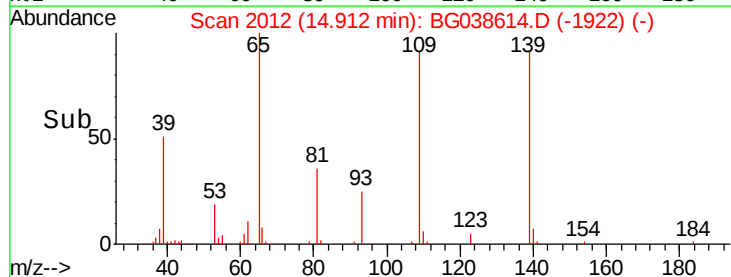
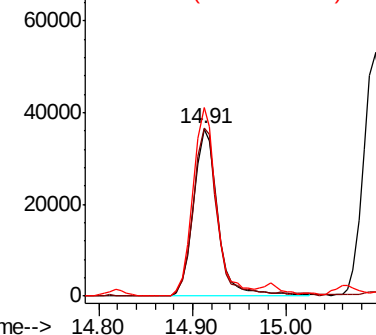


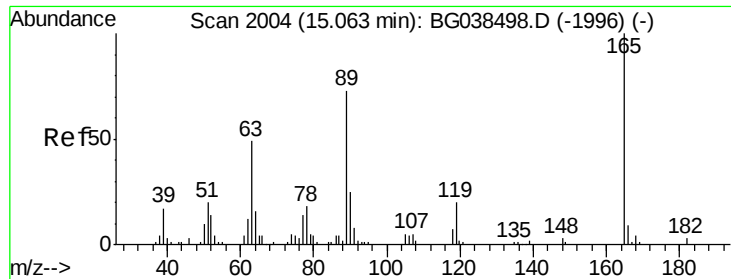
#56
4-Nitrophenol
Concen: 90.421 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion:139 Resp: 66226
Ion Ratio Lower Upper
139 100
109 100.6 73.6 113.6
65 112.7 84.8 124.8



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

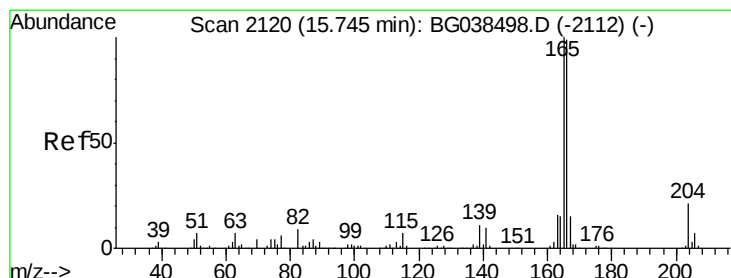
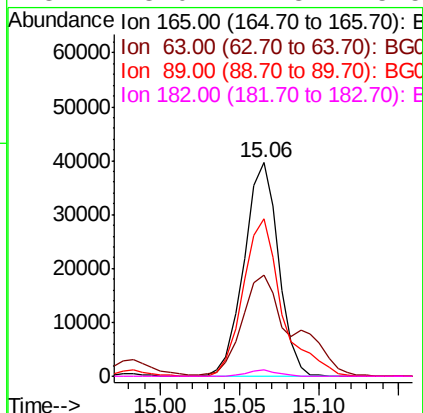
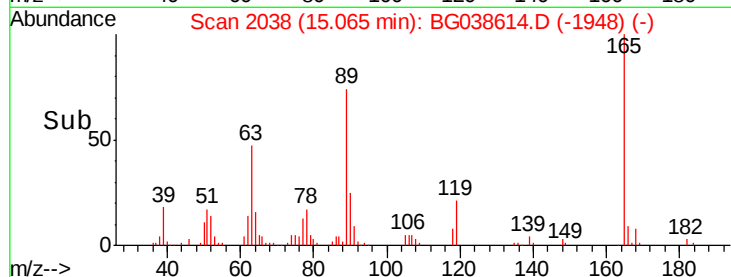
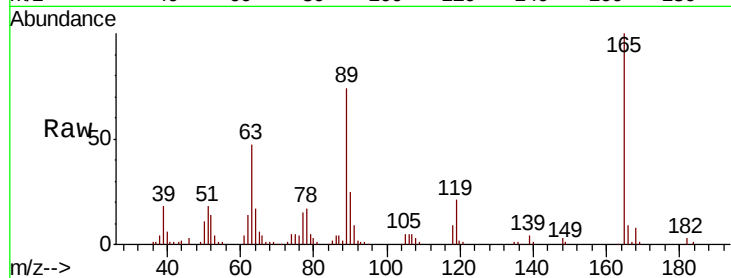




#57
2,4-Dinitrotoluene
Concen: 44.874 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

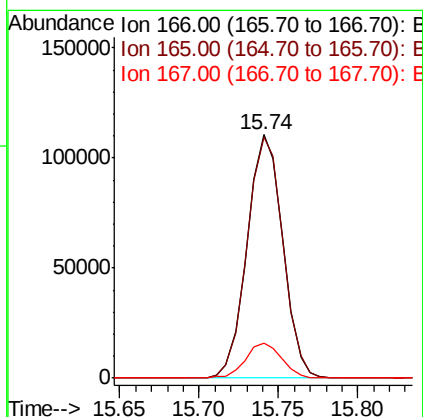
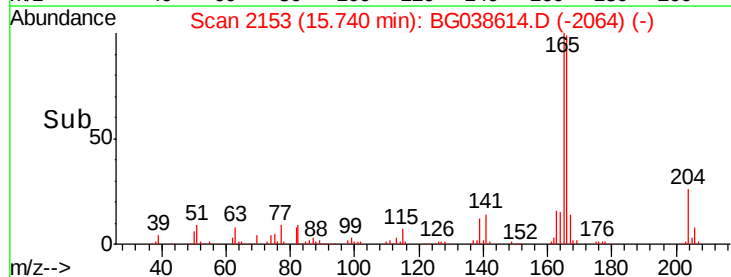
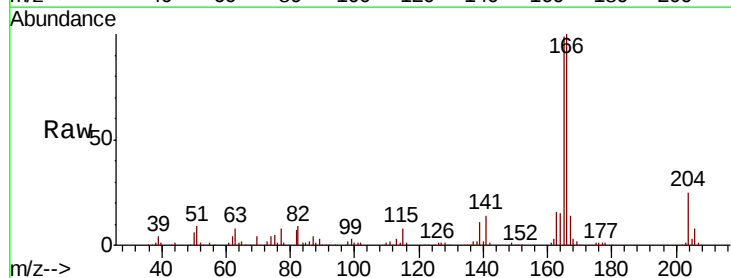
Instrument :
BNA_G
ClientSampleId :
PB115720BS

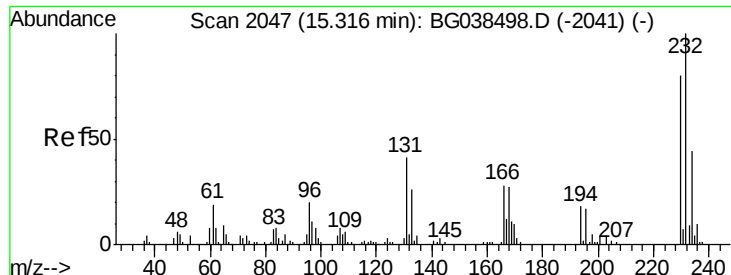
Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.1	39.0	58.4
89	73.5	58.0	87.0
182	3.0	2.3	3.5



#58
Fluorene
Concen: 45.920 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.6	120.8
167	14.4	12.0	18.0

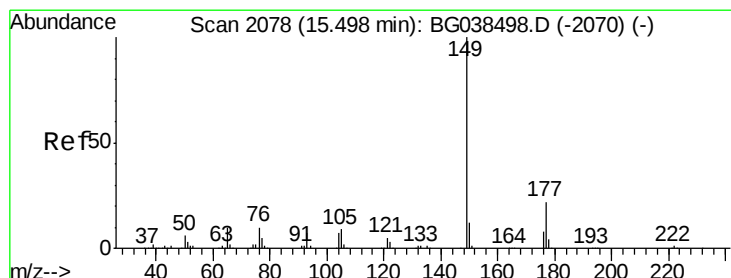
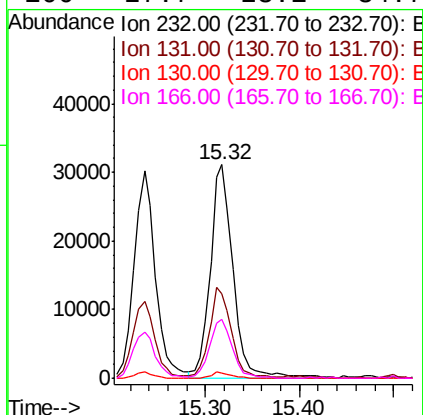
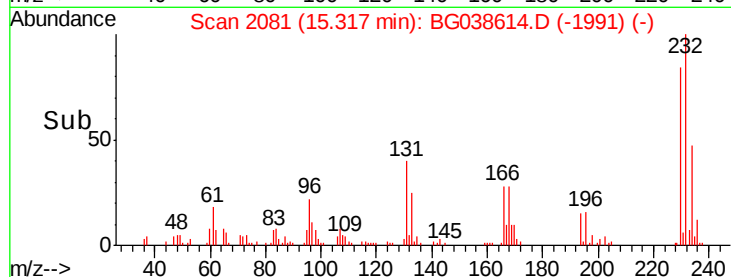
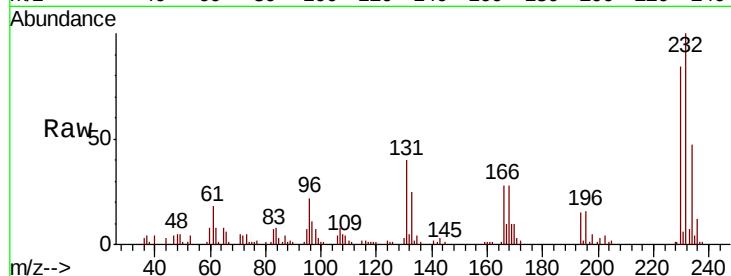




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.433 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

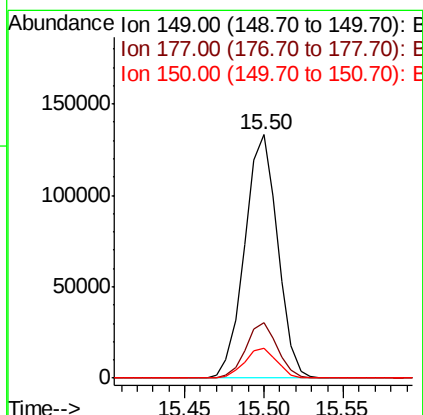
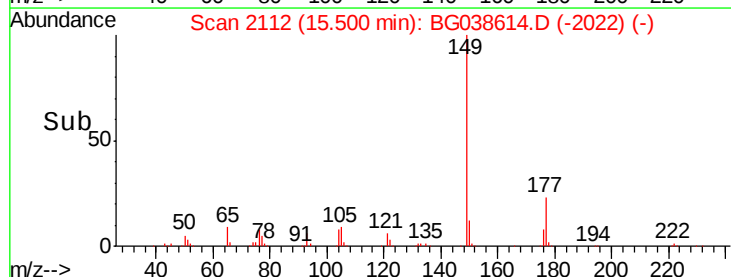
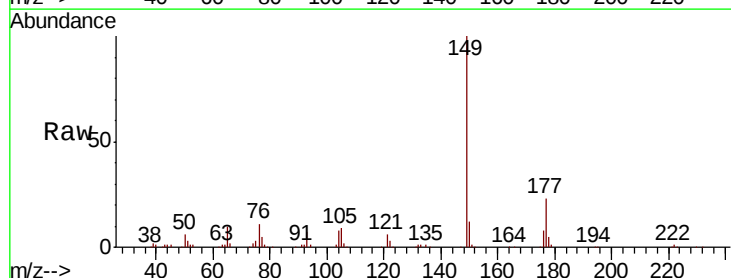
Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

Tgt Ion:	232	Resp:	53145
Ion	Ratio	Lower	Upper
232	100		
131	40.6	33.0	49.4
130	2.4	2.0	3.0
166	27.7	23.1	34.7



#60
 Diethylphthalate
 Concen: 41.858 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion:	149	Resp:	192044
Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.7	26.5
150	12.5	9.9	14.9

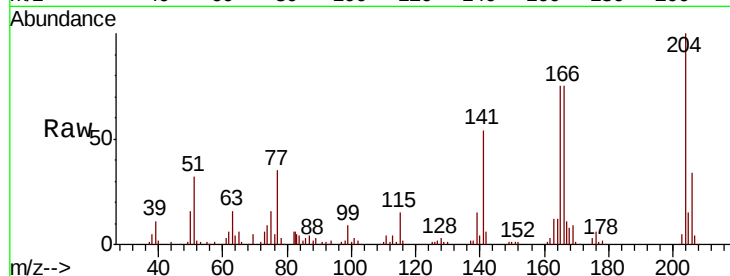




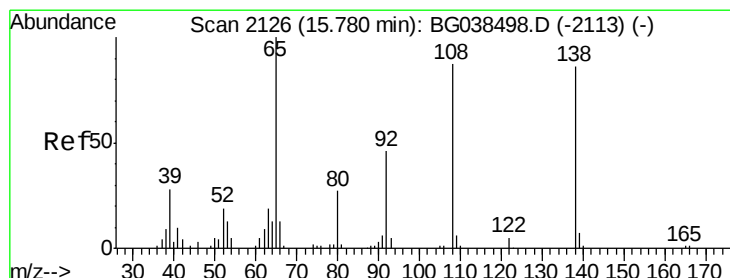
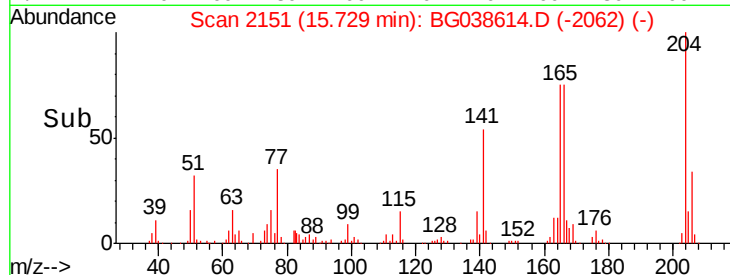
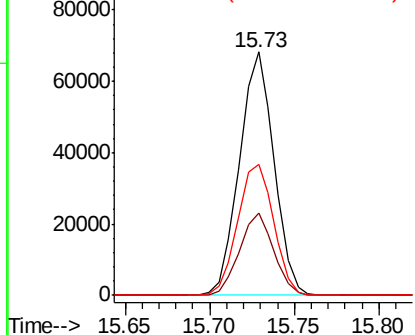
#61
 4-Chlorophenyl-phenylether
 Concen: 41.407 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

Tgt Ion:204 Resp: 97201
 Ion Ratio Lower Upper
 204 100
 206 33.9 26.0 39.0
 141 53.6 44.4 66.6

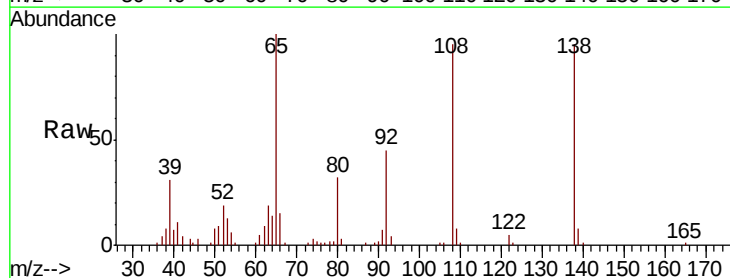


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

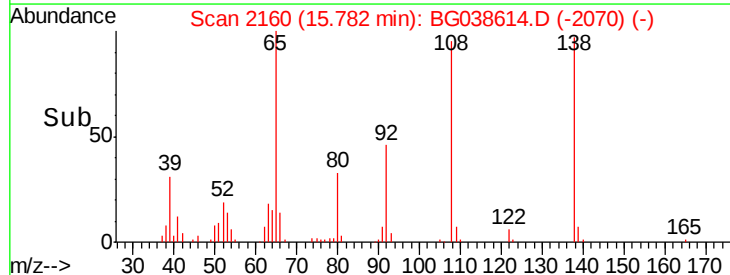
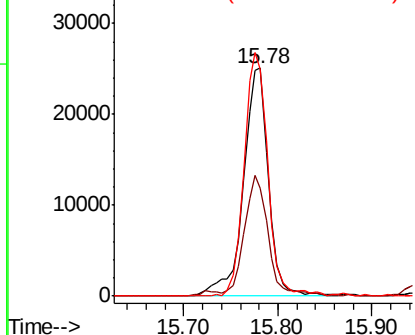


#62
 4-Nitroaniline
 Concen: 46.609 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion:138 Resp: 46327
 Ion Ratio Lower Upper
 138 100
 92 47.5 33.3 73.3
 108 99.6 81.4 121.4



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





#63

Azobenzene

Concen: 43.426 ng

RT: 16.02 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

ClientSampleId :

PB115720BS

Tgt Ion: 77 Resp: 166441

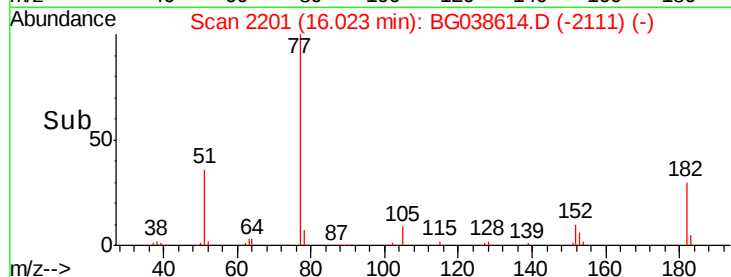
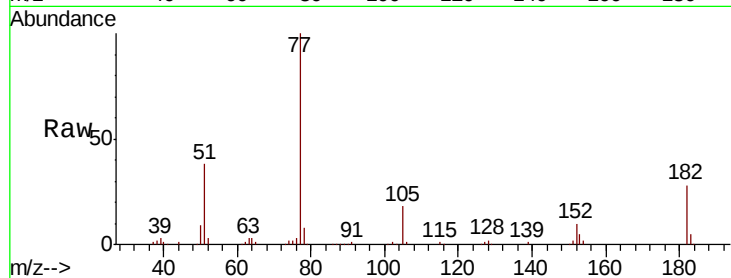
Ion Ratio Lower Upper

77 100

182 28.5 8.7 48.7

105 17.9 0.0 38.7

51 37.5 16.6 56.6

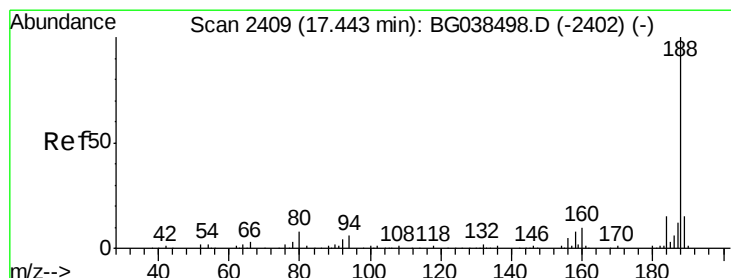
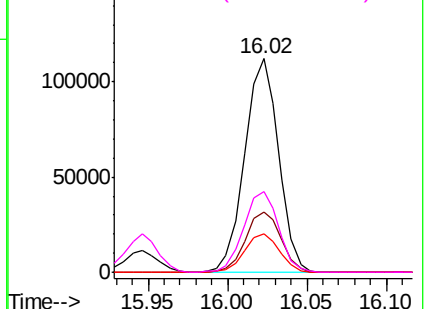


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

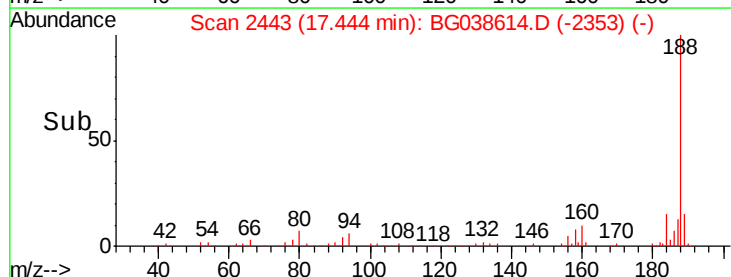
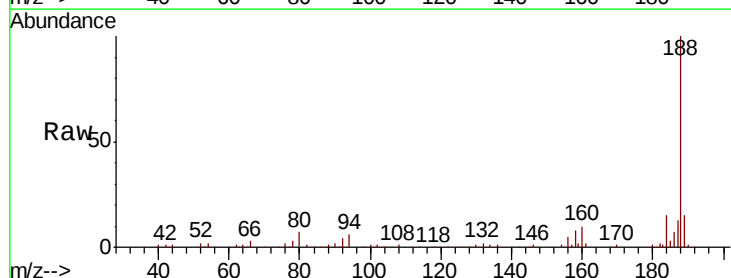
Tgt Ion: 188 Resp: 133189

Ion Ratio Lower Upper

188 100

94 6.0 5.1 7.7

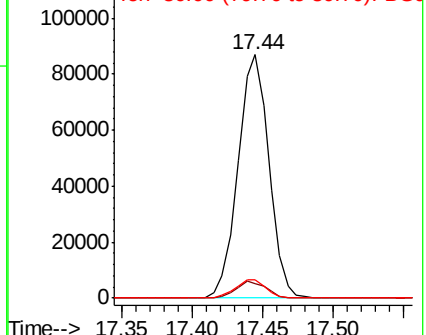
80 7.3 6.1 9.1

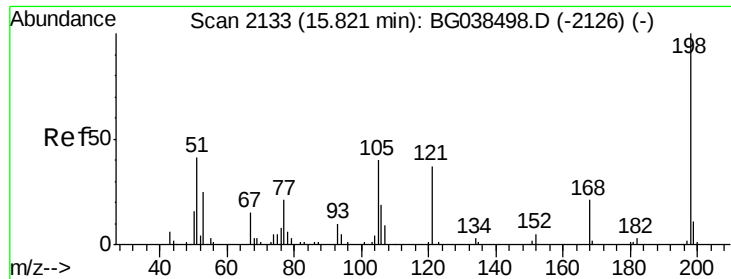


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 40.441 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

ClientSampleId :

PB115720BS

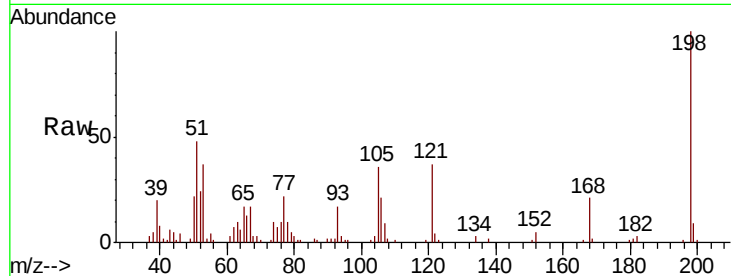
Tgt Ion:198 Resp: 38423

Ion Ratio Lower Upper

198 100

51 48.2 28.6 68.6

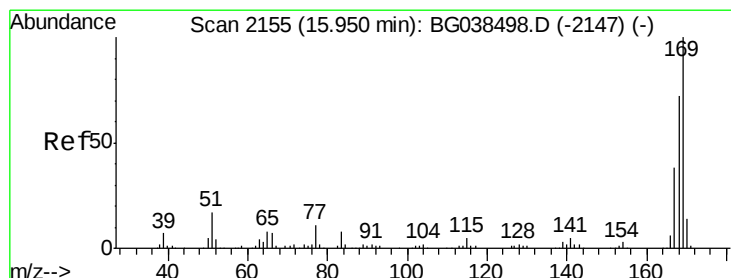
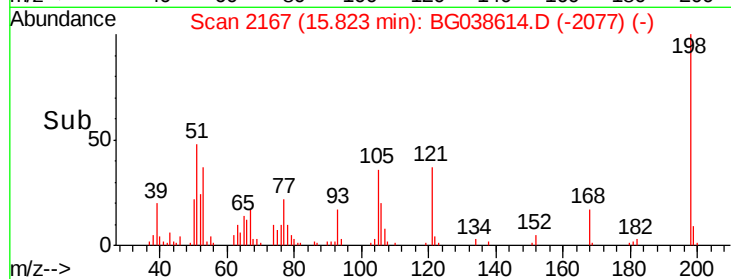
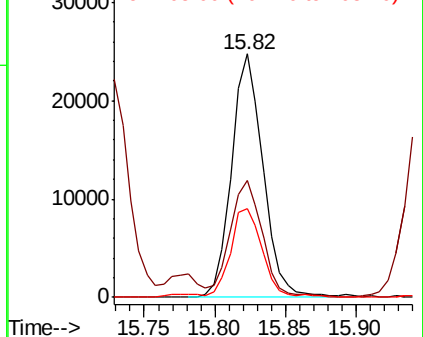
105 36.3 20.4 60.4



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: 40.992 ng

RT: 15.95 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

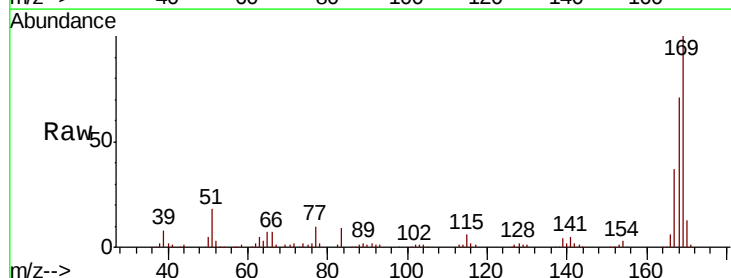
Tgt Ion:169 Resp: 160417

Ion Ratio Lower Upper

169 100

168 70.8 57.5 86.3

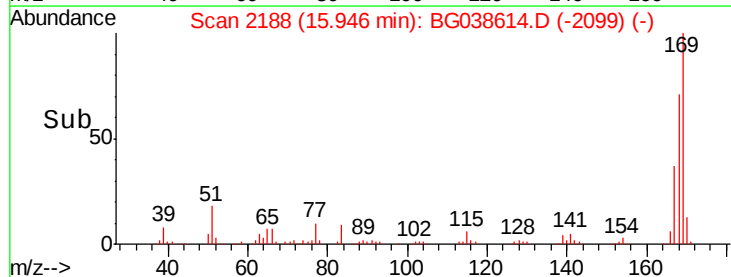
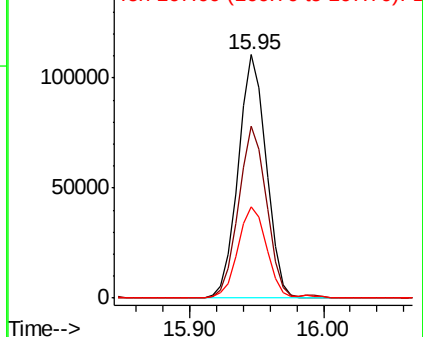
167 37.3 30.2 45.2



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

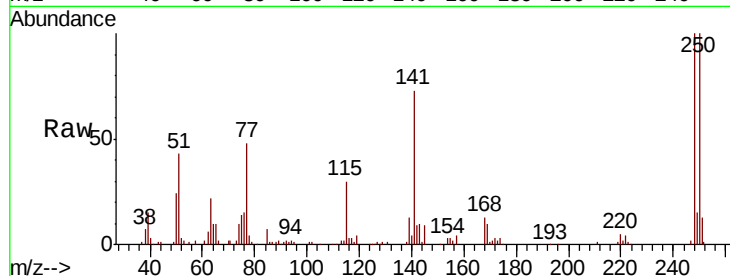




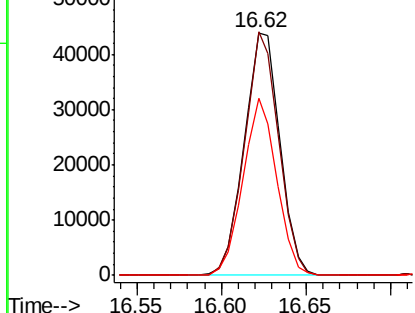
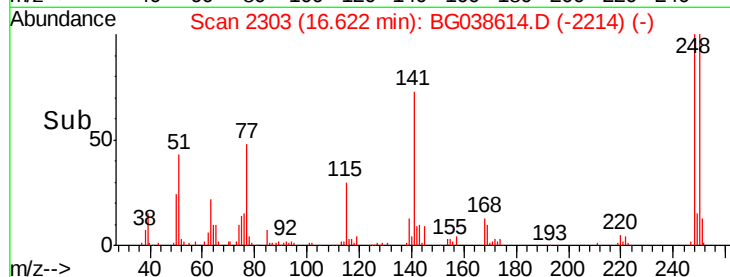
#67
 4-Bromophenyl-phenylether
 Concen: 39.716 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

Tgt Ion: 248 Resp: 64603
 Ion Ratio Lower Upper
 248 100
 250 100.3 73.4 110.2
 141 72.9 52.9 79.3

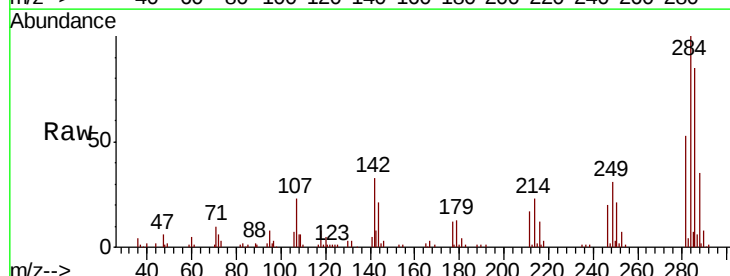


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

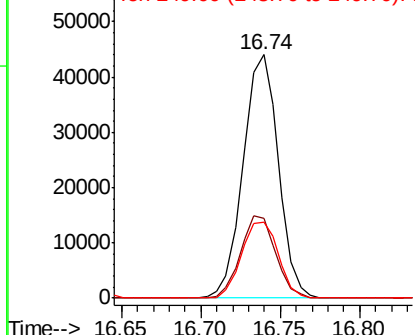
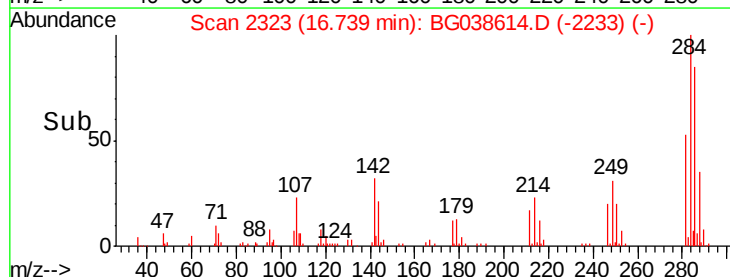


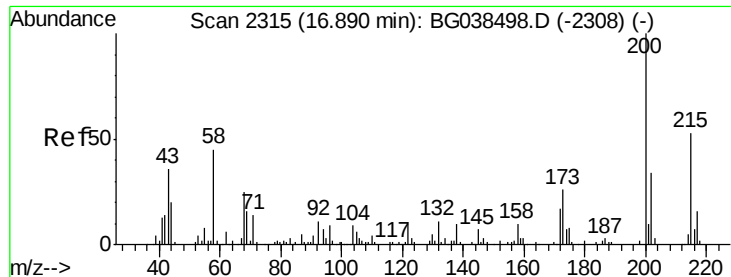
#68
 Hexachlorobenzene
 Concen: 40.336 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion: 284 Resp: 68014
 Ion Ratio Lower Upper
 284 100
 142 32.6 25.8 38.6
 249 34.0 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: 47.311 ng

RT: 16.89 min Scan# 2348

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

ClientSampleId :

PB115720BS

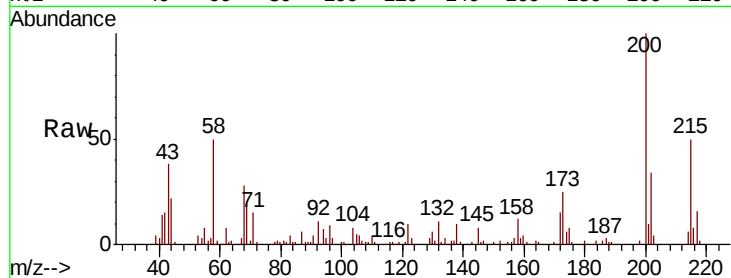
Tgt Ion:200 Resp: 68710

Ion Ratio Lower Upper

200 100

173 25.3 5.9 45.9

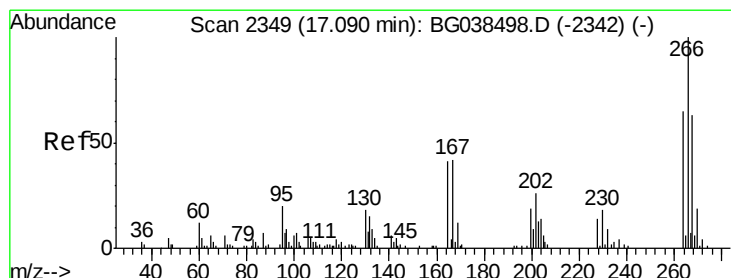
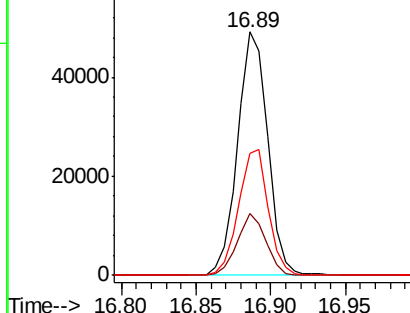
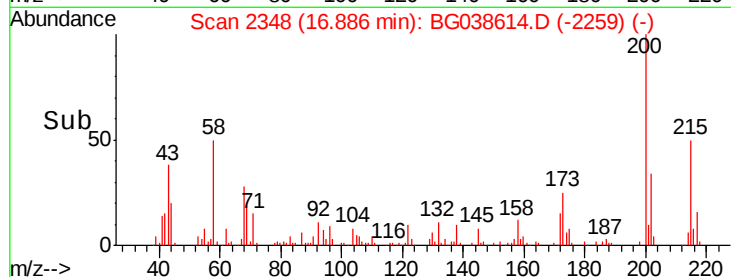
215 50.0 33.1 73.1



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: 73.141 ng

RT: 17.09 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

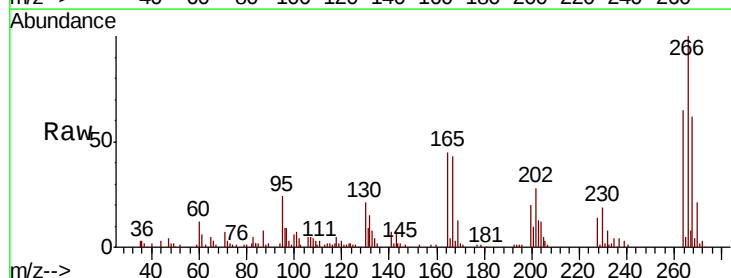
Tgt Ion:266 Resp: 72947

Ion Ratio Lower Upper

266 100

268 66.6 55.0 82.6

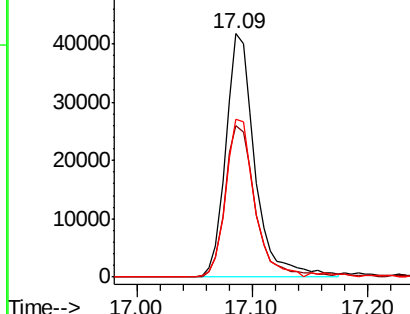
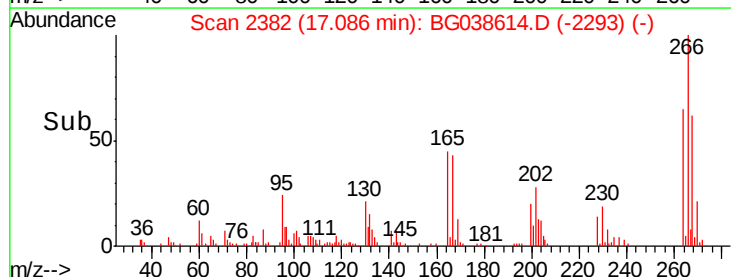
264 69.6 56.7 85.1

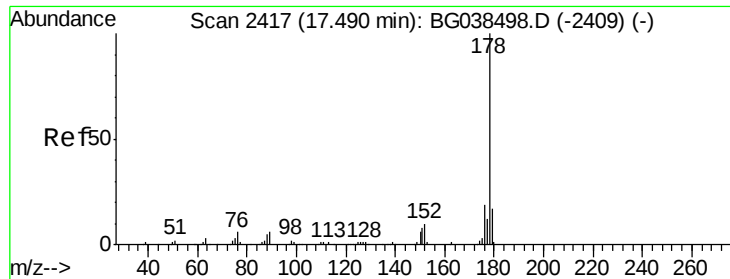


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

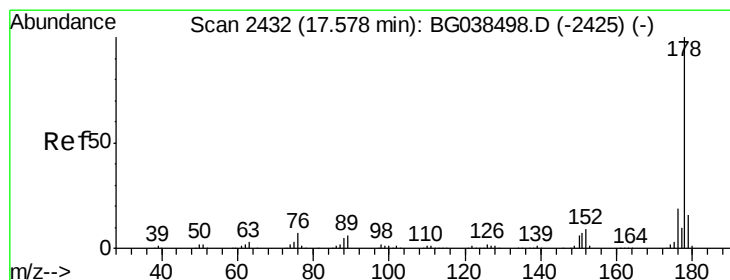
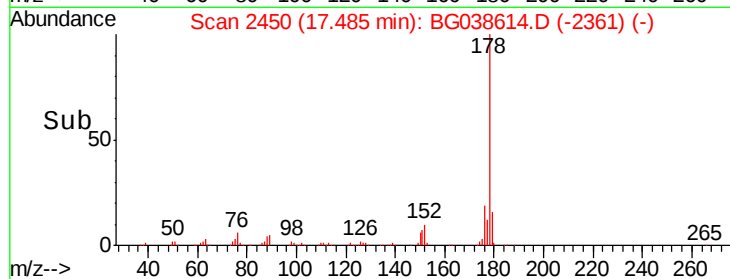
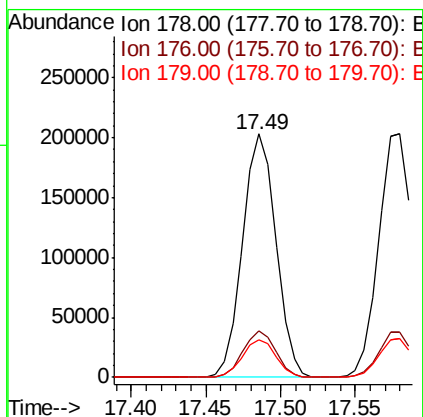
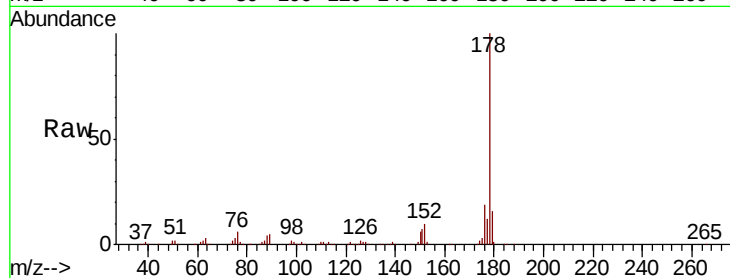




#71
Phenanthrene
Concen: 45.499 ng
RT: 17.49 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

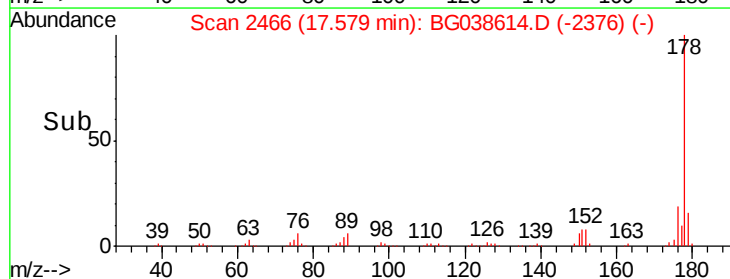
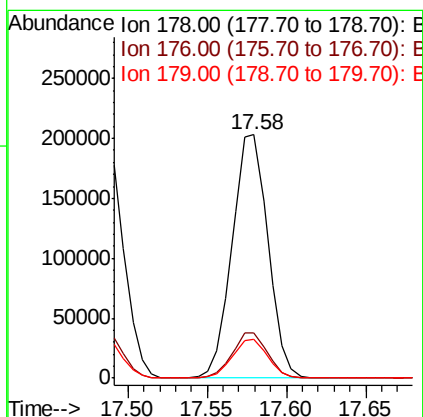
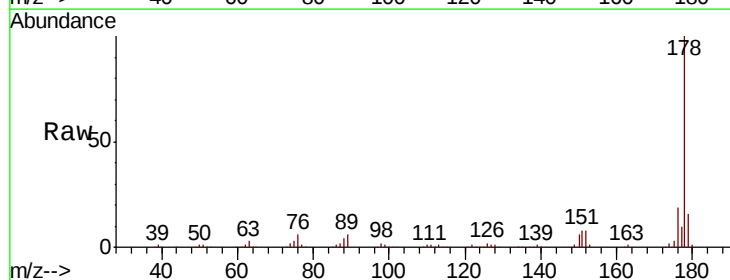
Instrument :
BNA_G
ClientSampleId :
PB115720BS

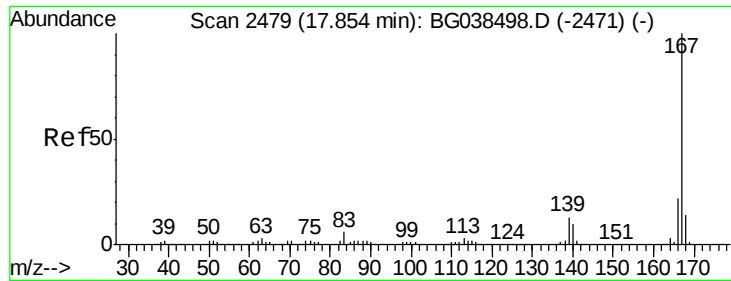
Tgt Ion:178 Resp: 314246
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.6 13.2 19.8



#72
Anthracene
Concen: 46.567 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion:178 Resp: 317514
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 16.2 12.9 19.3

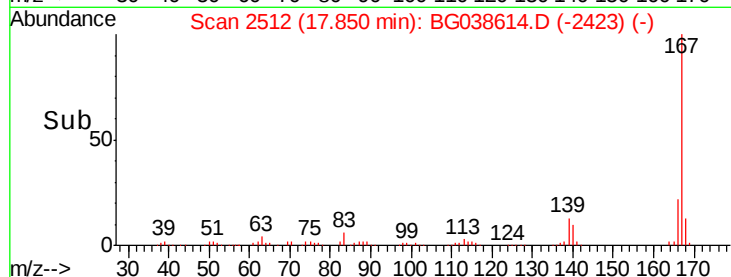
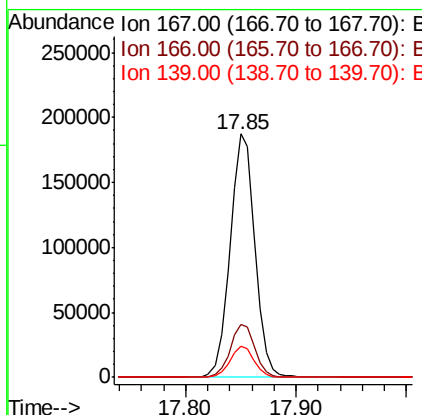
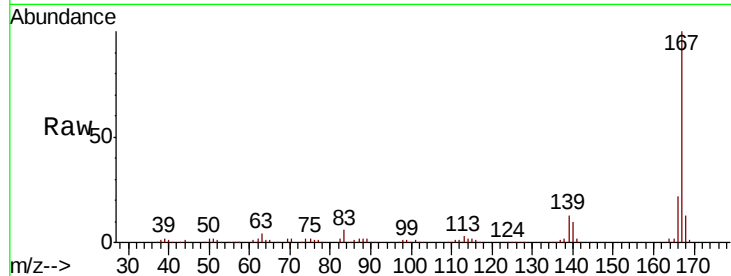




#73
 Carbazole
 Concen: 43.695 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

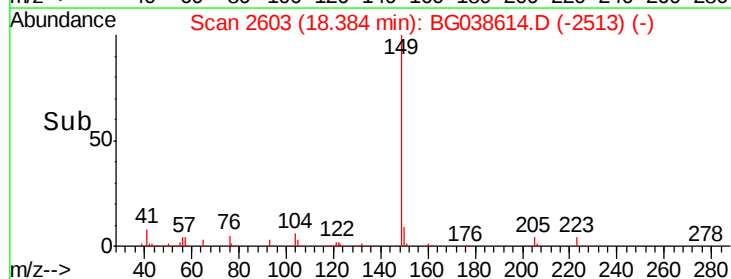
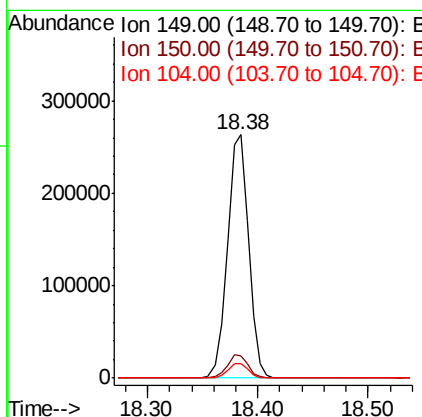
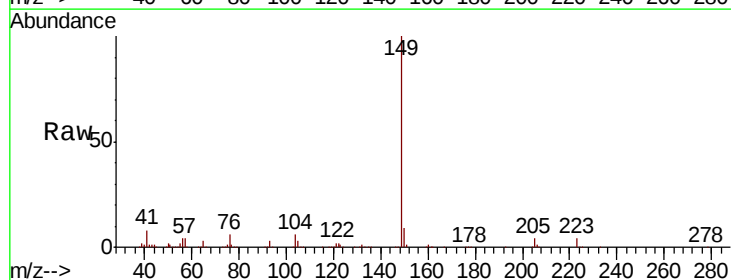
Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

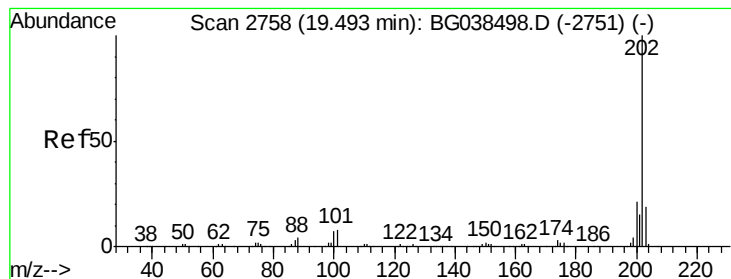
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.9	26.9
139	12.8	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 45.823 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

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





#75

Fluoranthene

Concen: 47.461 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

ClientSampleId :

PB115720BS

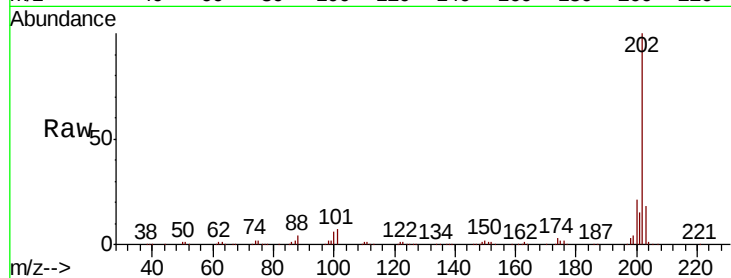
Tgt Ion:202 Resp: 405582

Ion Ratio Lower Upper

202 100

101 7.1 0.0 28.1

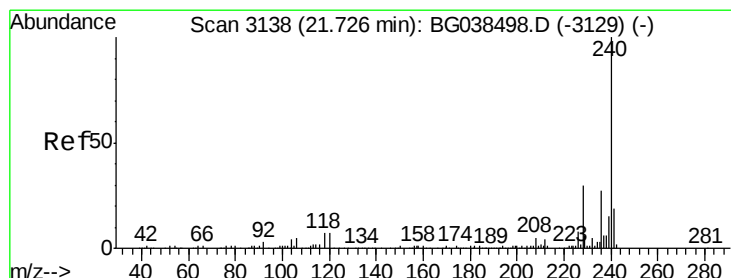
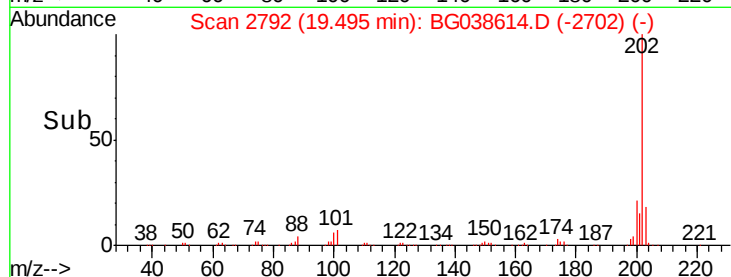
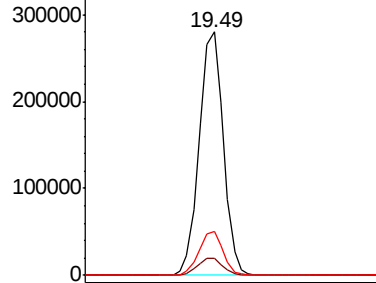
203 17.8 0.0 39.0



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# 3171

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

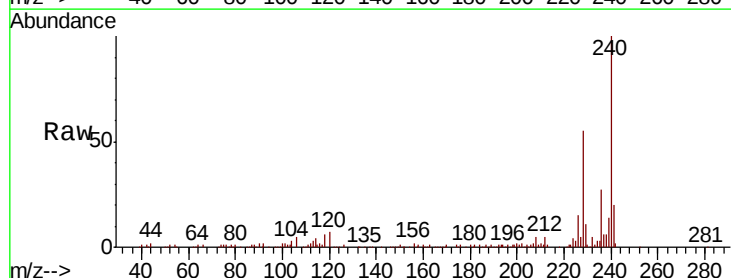
Tgt Ion:240 Resp: 145741

Ion Ratio Lower Upper

240 100

120 6.6 5.3 7.9

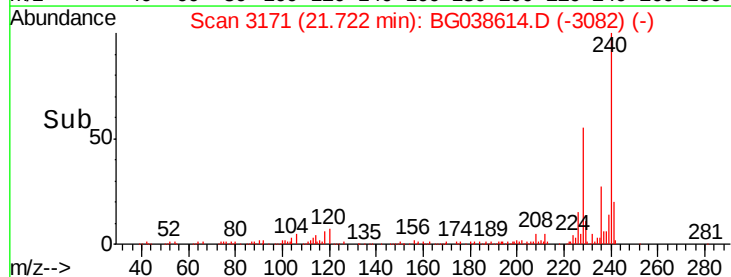
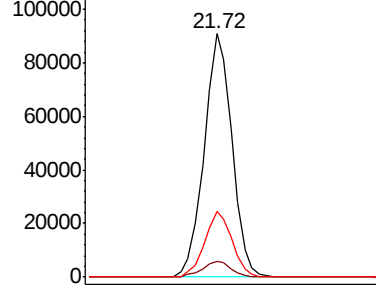
236 26.7 21.4 32.2

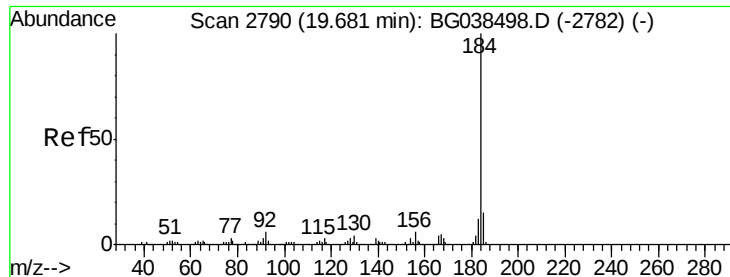


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.886 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

ClientSampleId :

PB115720BS

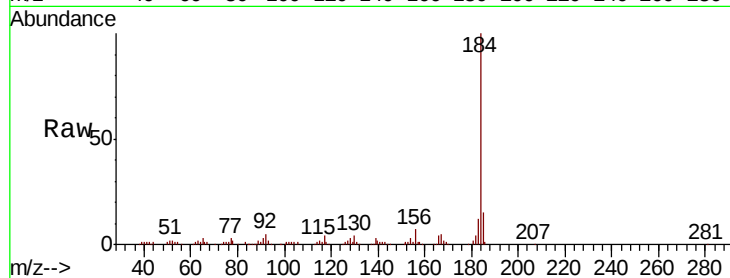
Tgt Ion:184 Resp: 210707

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

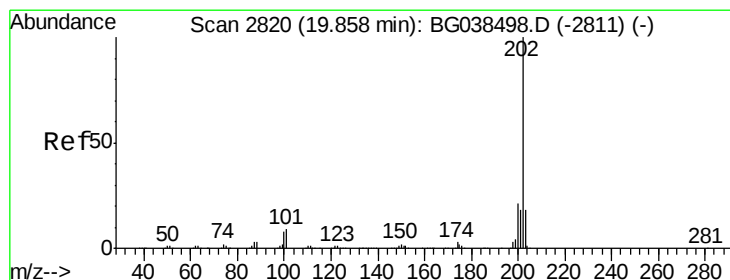
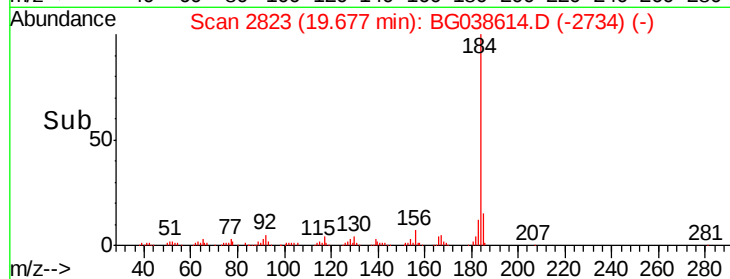
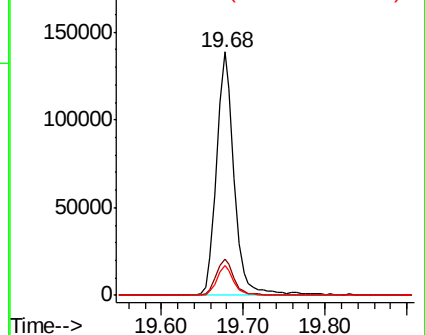
183 12.3 9.6 14.4



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: 42.426 ng

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

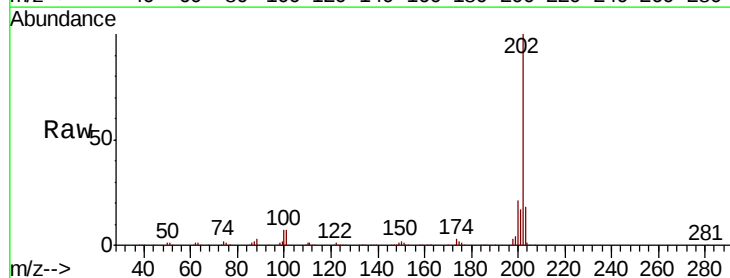
Tgt Ion:202 Resp: 408485

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

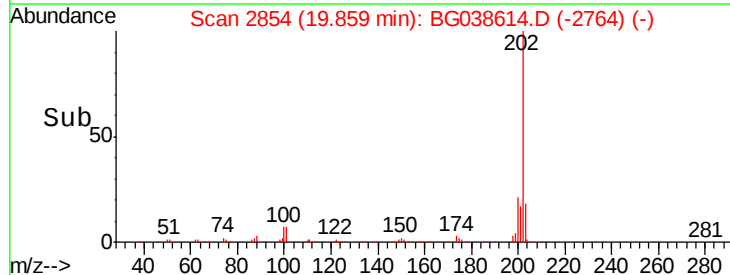
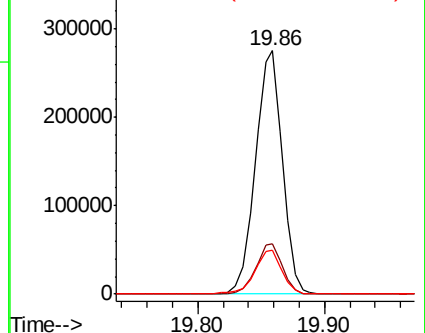
203 18.0 14.6 21.8

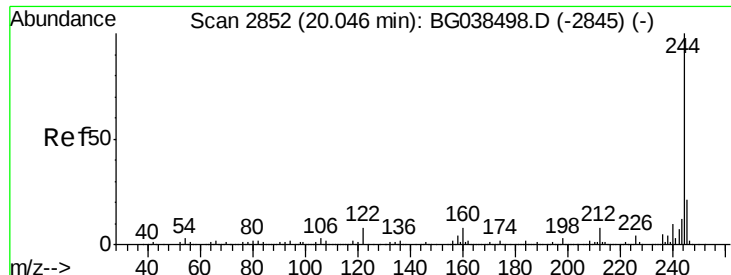


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.143 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

ClientSampleId :

PB115720BS

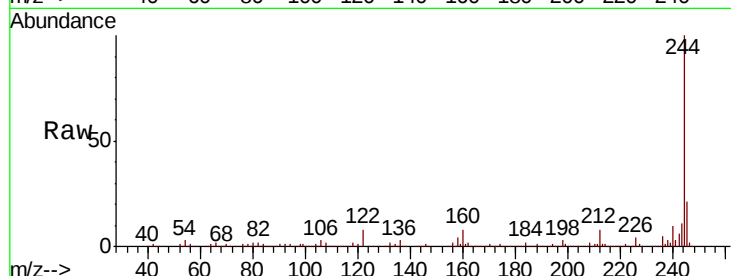
Tgt Ion:244 Resp: 536687

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

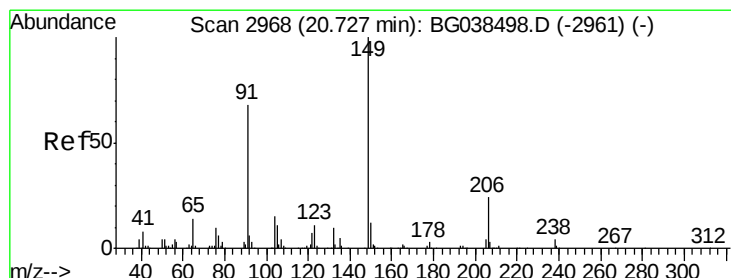
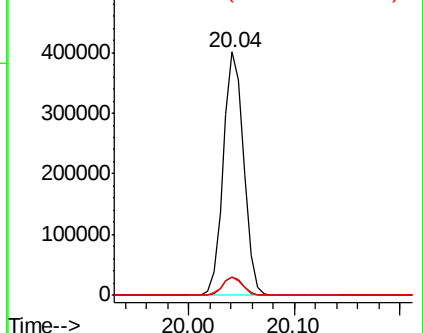
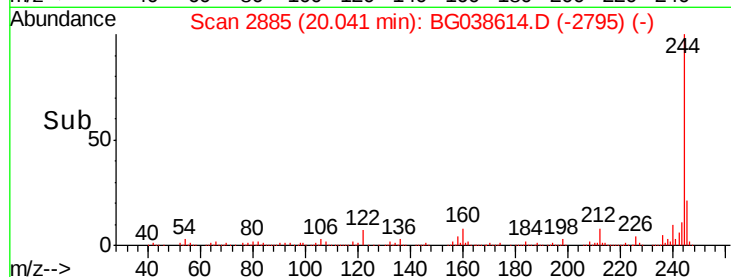
122 7.5 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.385 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

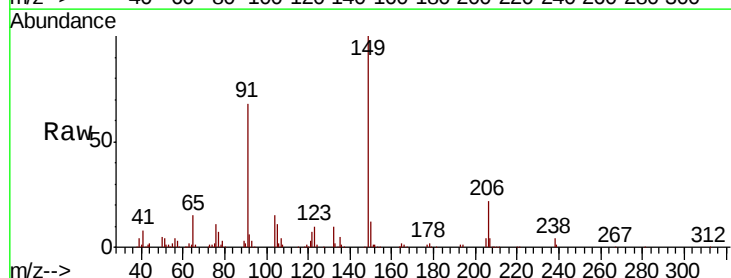
Tgt Ion:149 Resp: 163197

Ion Ratio Lower Upper

149 100

91 68.2 54.5 81.7

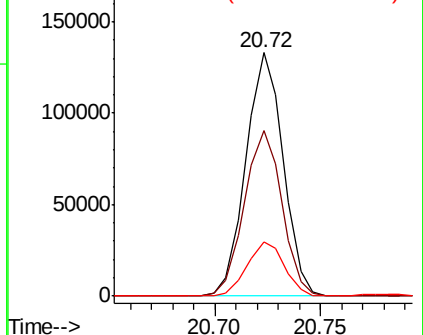
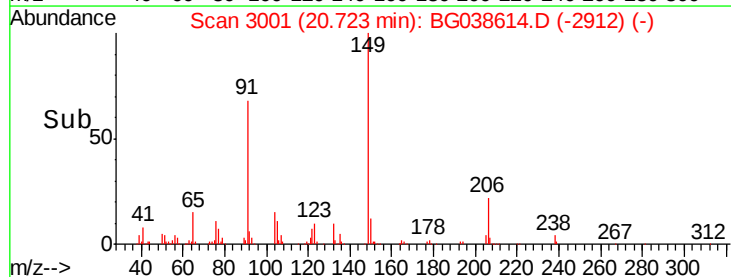
206 22.1 19.0 28.6



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: 45.812 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

ClientSampleId :

PB115720BS

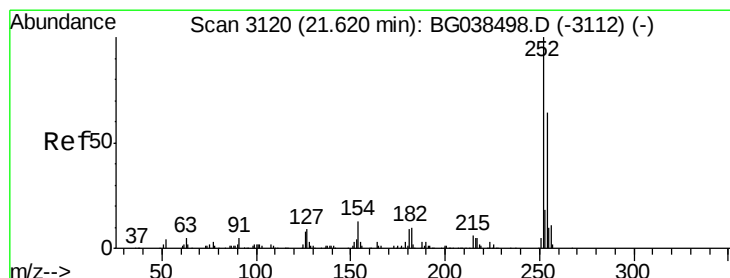
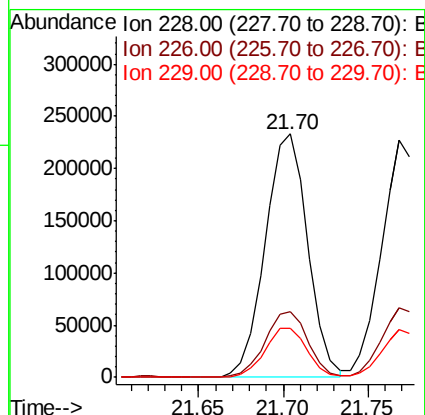
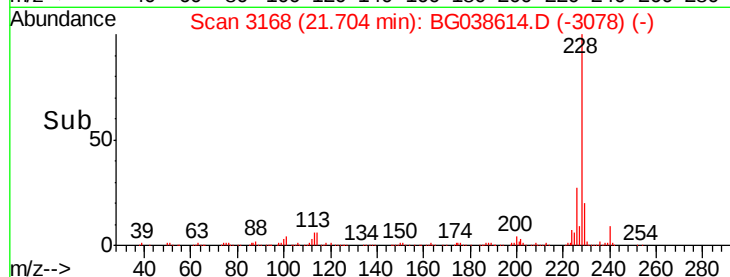
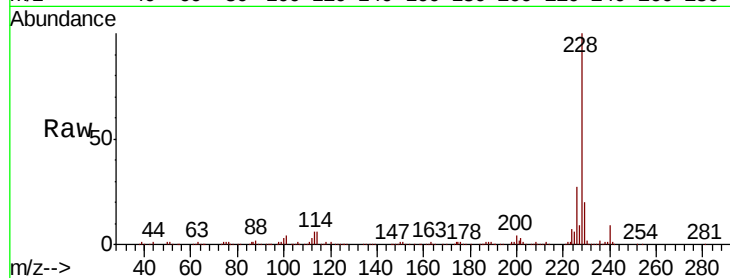
Tgt Ion:228 Resp: 406839

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 28.586 ng

RT: 21.62 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

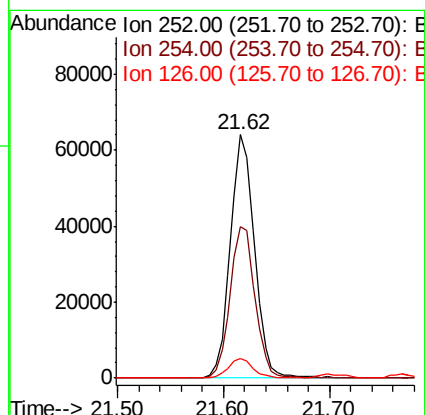
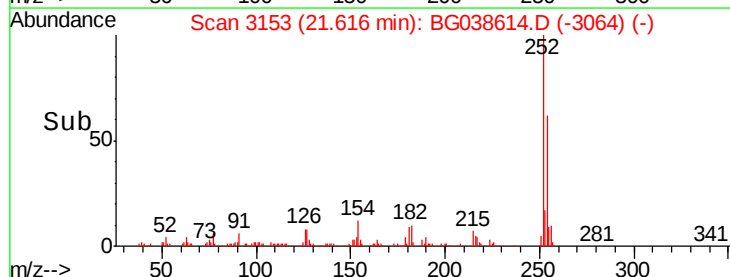
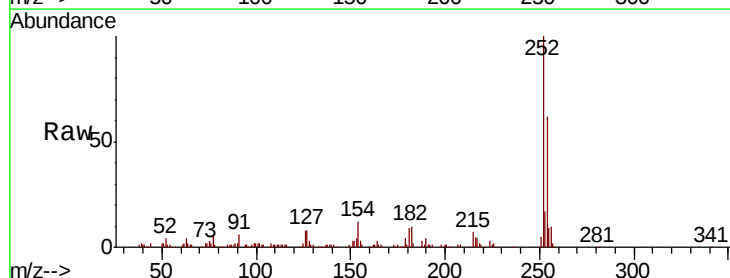
Tgt Ion:252 Resp: 100685

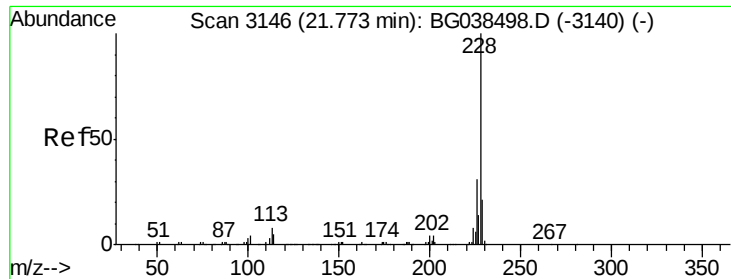
Ion Ratio Lower Upper

252 100

254 62.2 50.9 76.3

126 8.3 6.3 9.5





#83

Chrysene

Concen: 44.222 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

ClientSampleId :

PB115720BS

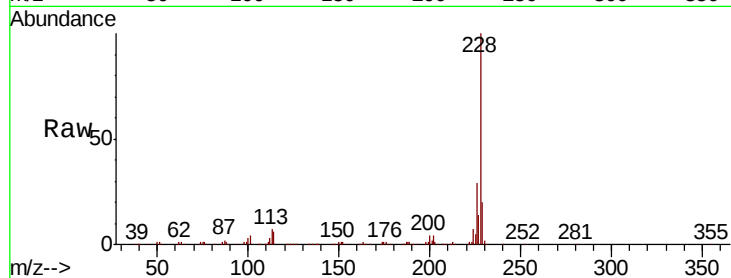
Tgt Ion:228 Resp: 378272

Ion Ratio Lower Upper

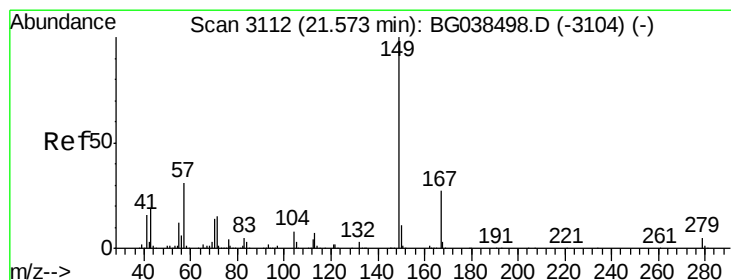
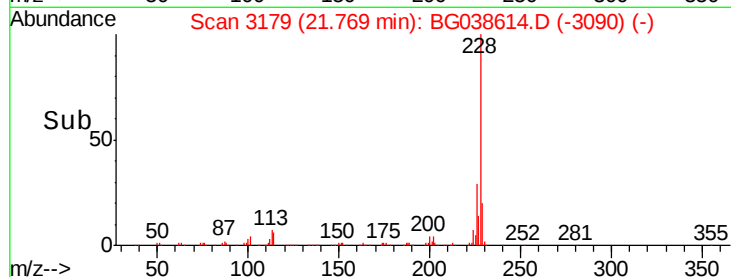
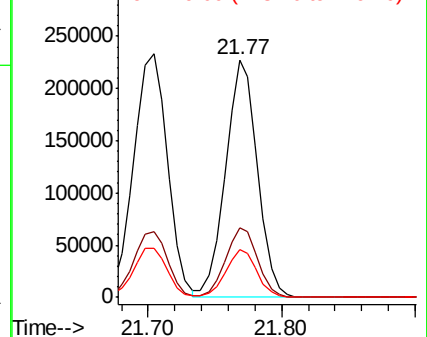
228 100

226 29.4 25.0 37.4

229 20.0 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: 43.633 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

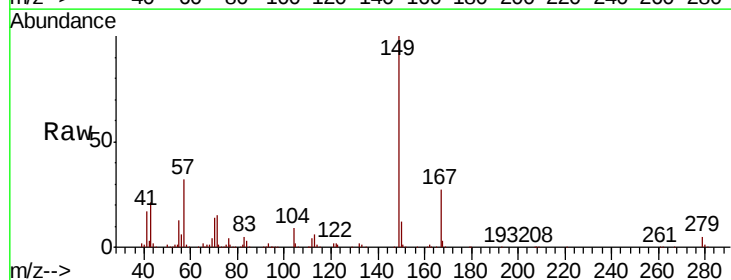
Tgt Ion:149 Resp: 232781

Ion Ratio Lower Upper

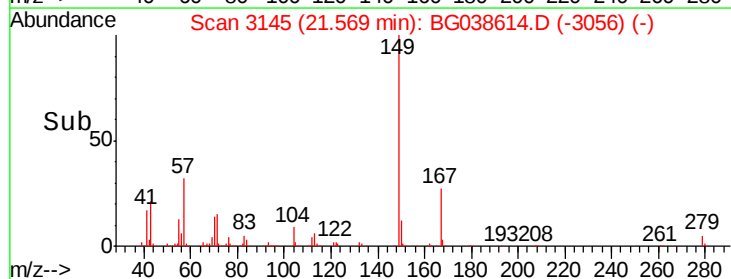
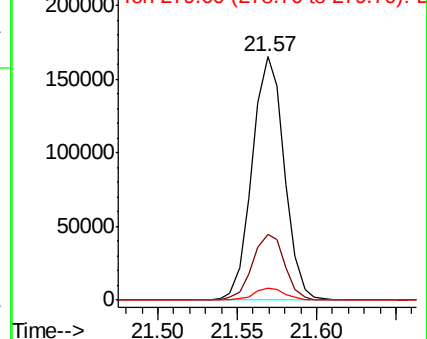
149 100

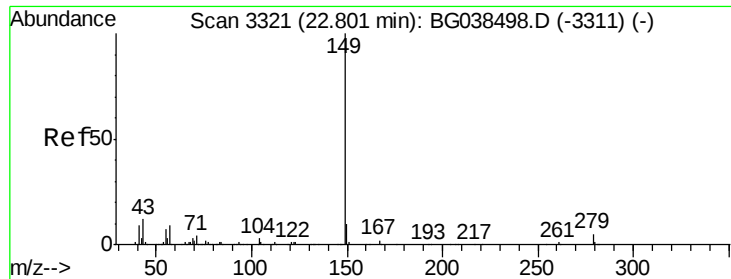
167 27.1 21.9 32.9

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: 44.474 ng

RT: 22.80 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

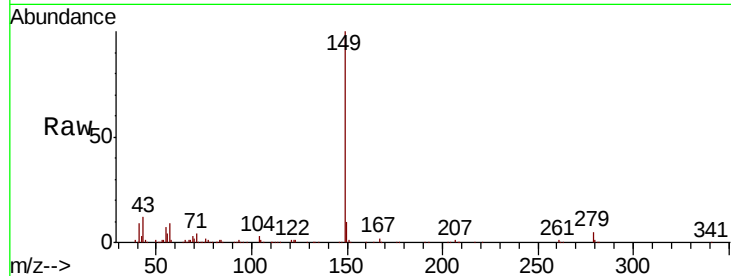
Instrument :

BNA_G

ClientSampleId :

PB115720BS

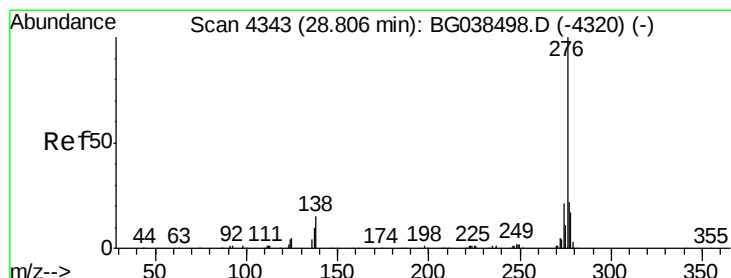
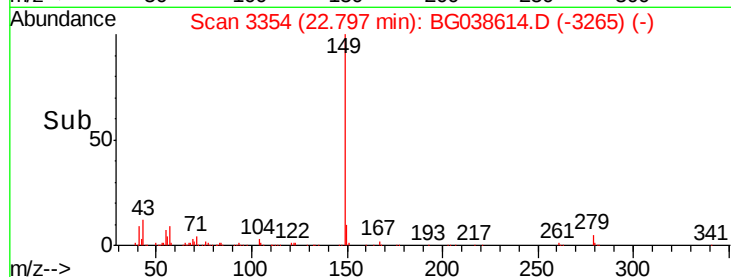
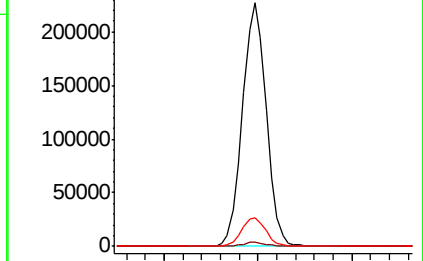
Tgt Ion:	149	Resp:	397361
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.9	9.3	13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.684 ng

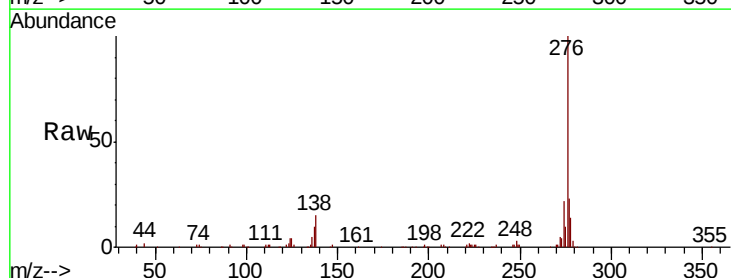
RT: 28.80 min Scan# 4375

Delta R.T. -0.01 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

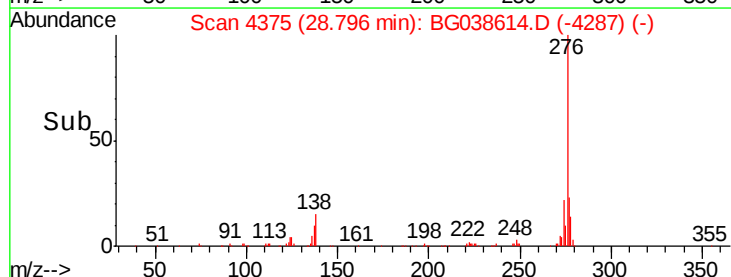
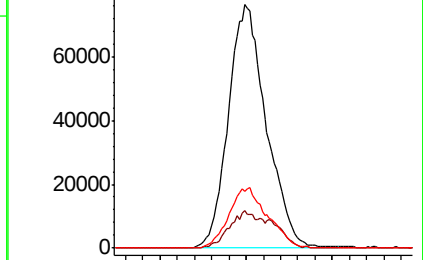
Tgt Ion:	276	Resp:	469475
Ion	Ratio	Lower	Upper
276	100		
138	12.2	14.4	21.6#
277	25.4	0.0	0.0#

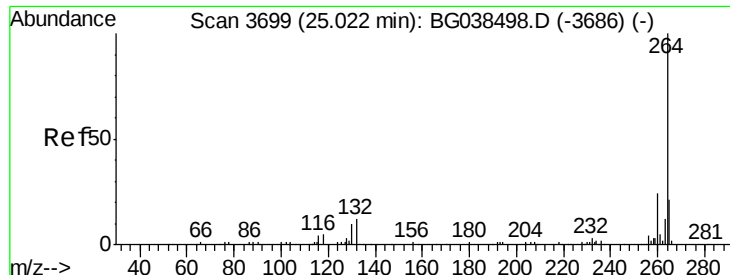


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

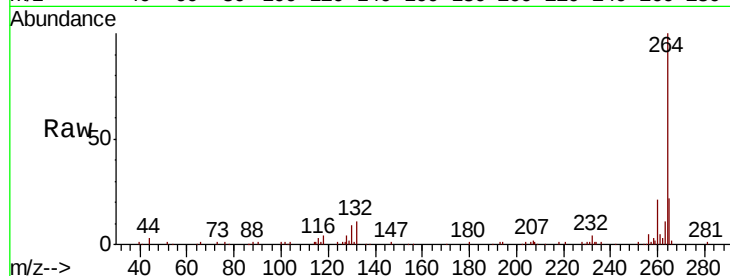




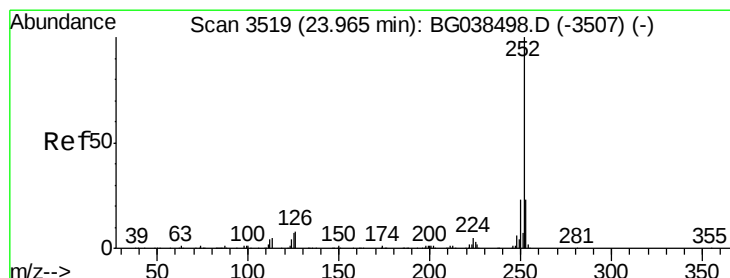
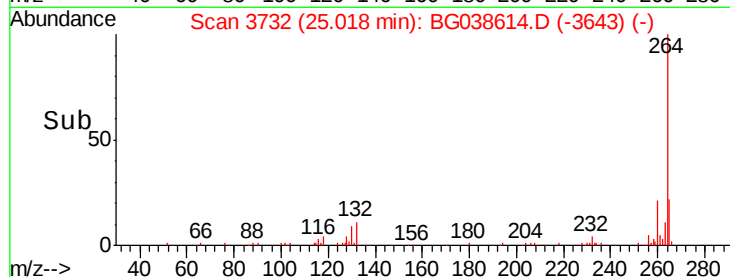
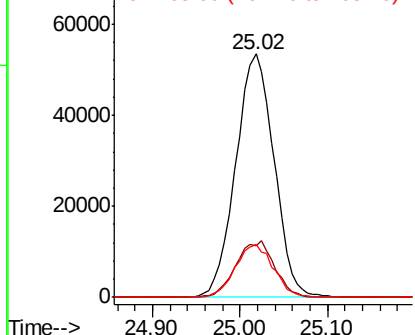
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.9	28.3
265	21.6	17.0	25.4

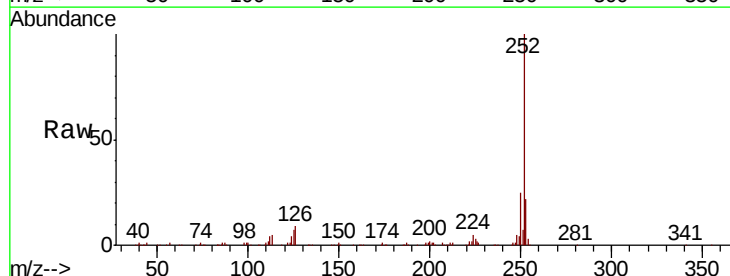


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

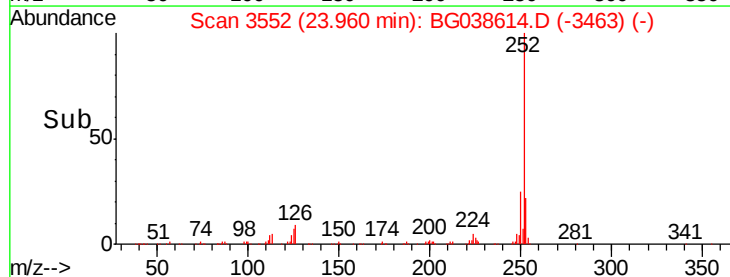
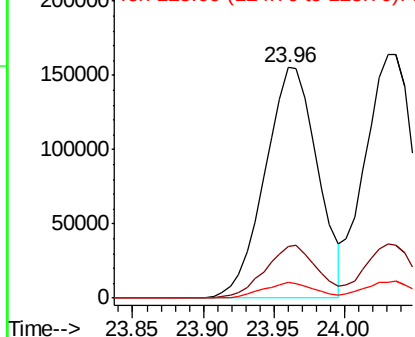


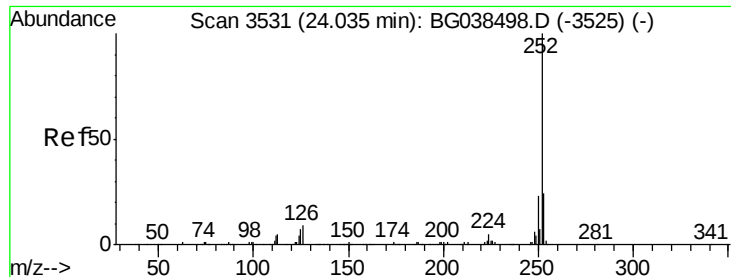
#88
Benzo(b)fluoranthene
Concen: 46.299 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	7.1	5.5	8.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

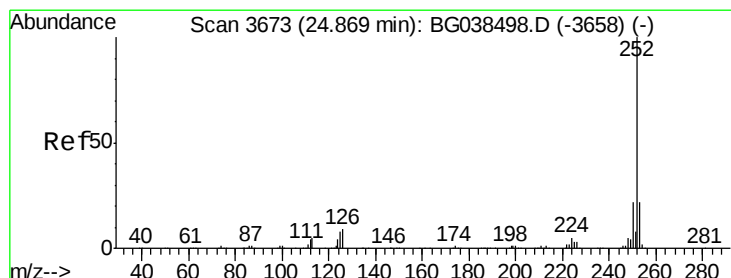
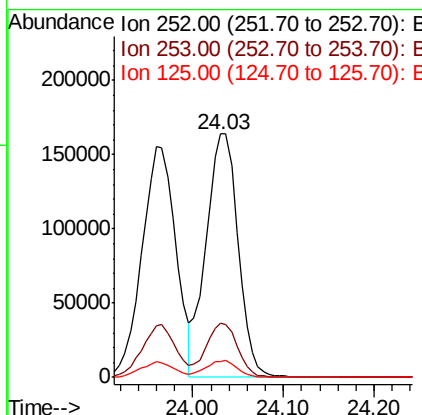
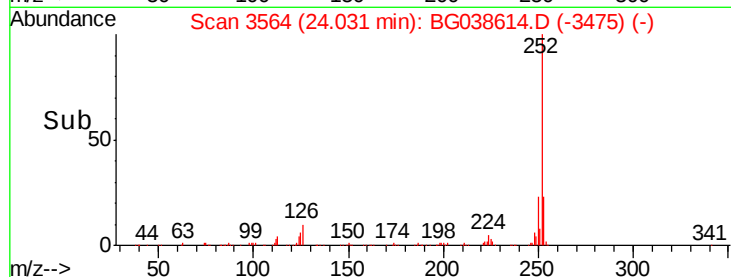
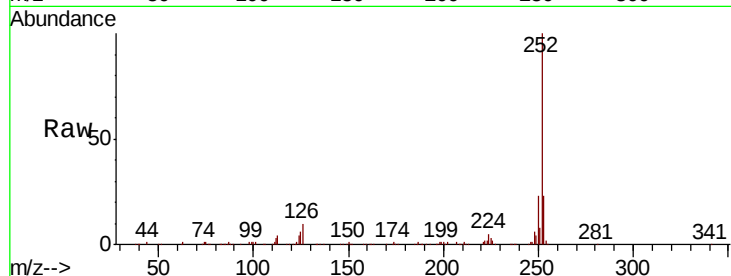




#89
Benzo(k)fluoranthene
Concen: 46.299 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

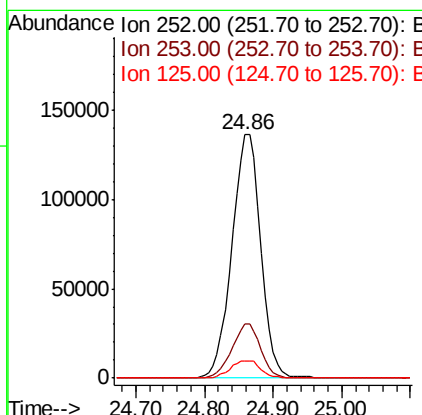
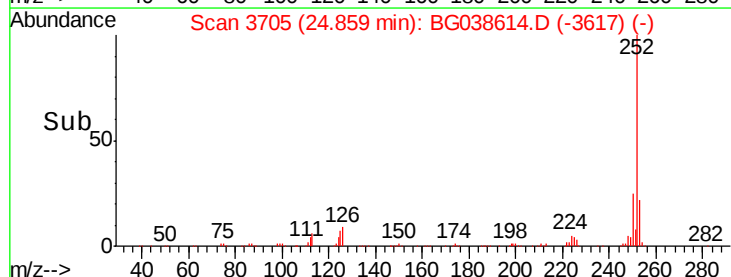
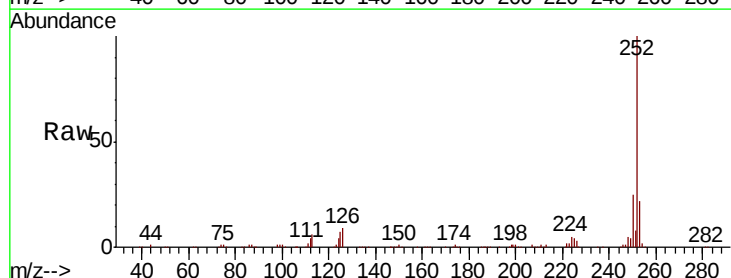
Instrument :
BNA_G
ClientSampleId :
PB115720BS

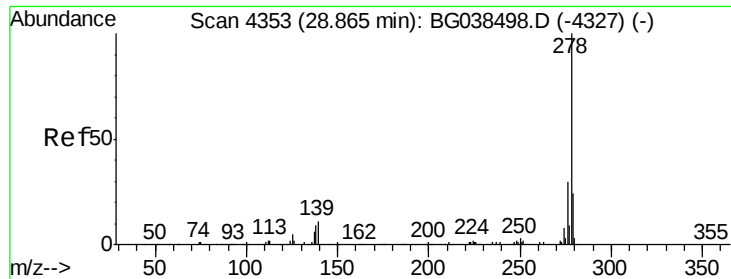
Tgt Ion:252 Resp: 402727
Ion Ratio Lower Upper
252 100
253 22.5 18.9 28.3
125 6.4 5.4 8.2



#90
Benzo(a)pyrene
Concen: 47.036 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion:252 Resp: 396376
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 7.1 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 46.761 ng

RT: 28.86 min Scan# 4386

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

ClientSampleId :

PB115720BS

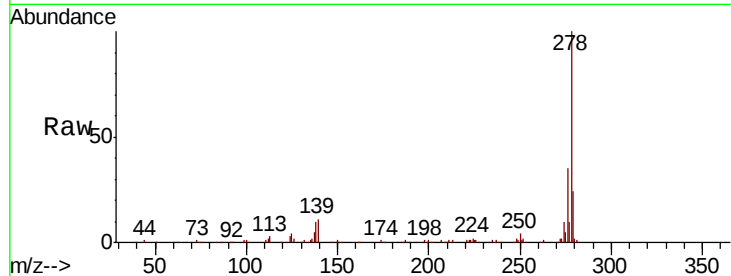
Tgt Ion:278 Resp: 392355

Ion Ratio Lower Upper

278 100

139 11.1 8.6 12.8

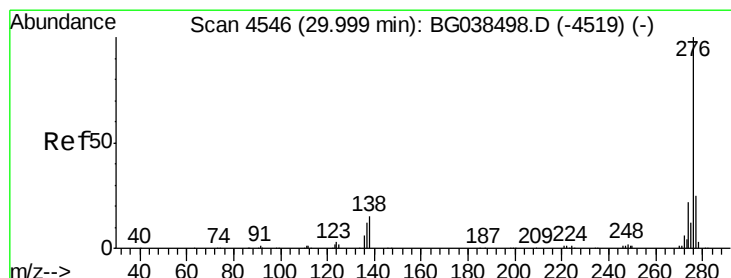
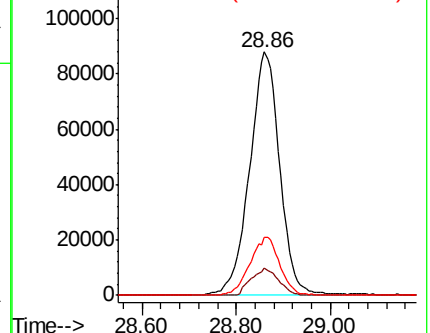
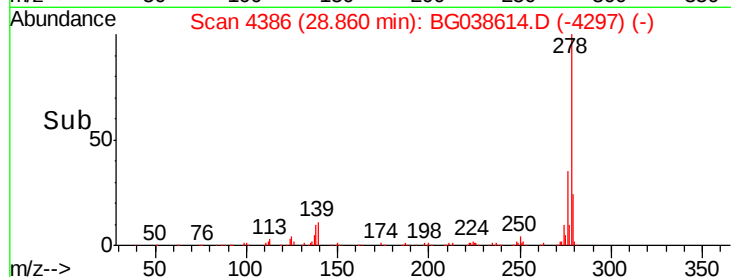
279 23.8 19.0 28.6



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: 46.393 ng

RT: 30.00 min Scan# 4580

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

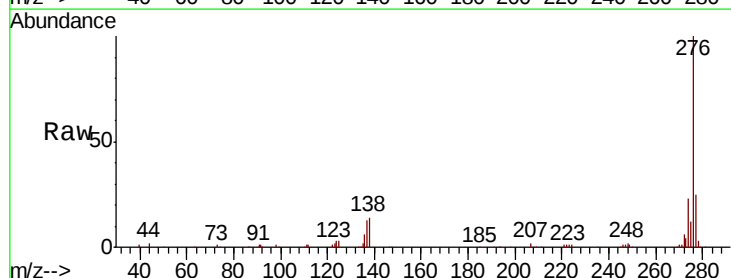
Tgt Ion:276 Resp: 383630

Ion Ratio Lower Upper

276 100

277 25.3 19.8 29.8

138 13.9 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

