

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
 Data File : BG038204.D
 Acq On : 28 Nov 2018 17:54
 Operator : JU/SJ
 Sample : PB115117BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

Quant Time: Nov 29 04:30:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34295	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	146658	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	90081	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	212184	20.00	ng	0.00
76) Chrysene-d12	21.76	240	200231	20.00	ng	0.00
87) Perylene-d12	25.08	264	189937	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	267014	134.43	ng	0.00
7) Phenol-d6	7.23	99	366075	129.11	ng	0.00
23) Nitrobenzene-d5	9.26	82	182247	66.52	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	131262	127.77	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	396034	64.05	ng	0.00
79) Terphenyl-d14	20.06	244	661365	77.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	29994	31.969	ng	# 91
3) Pyridine	3.92	79	84884	31.716	ng	96
4) n-Nitrosodimethylamine	3.84	42	45968	47.343	ng	93
6) Aniline	7.41	93	102605	28.039	ng	97
8) 2-Chlorophenol	7.64	128	99873	43.333	ng	97
9) Benzaldehyde	7.23	77	45151	22.020	ng	95
10) Phenol	7.26	94	130355	43.405	ng	94
11) bis(2-Chloroethyl)ether	7.50	93	94663	38.609	ng	98
12) 1,3-Dichlorobenzene	7.97	146	98826	37.220	ng	98
13) 1,4-Dichlorobenzene	8.12	146	102895	38.363	ng	99
14) 1,2-Dichlorobenzene	8.44	146	97731	38.165	ng	100
15) Benzyl Alcohol	8.33	79	90752	44.234	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	197014	43.274	ng	98
17) 2-Methylphenol	8.52	107	89255	43.958	ng	97
18) Hexachloroethane	9.17	117	37528	38.446	ng	91
19) n-Nitroso-di-n-propylamine	8.89	70	77538	37.794	ng	99
20) 3+4-Methylphenols	8.85	107	120958	42.023	ng	97
22) Acetophenone	8.91	105	145678	39.923	ng	# 98
24) Nitrobenzene	9.31	77	117475	41.916	ng	95
25) Isophorone	9.82	82	215776	43.757	ng	99
26) 2-Nitrophenol	10.01	139	57001	40.740	ng	96
27) 2,4-Dimethylphenol	10.06	122	101631	48.211	ng	95
28) bis(2-Chloroethoxy)methane	10.30	93	131463	41.691	ng	99
29) 2,4-Dichlorophenol	10.55	162	101874	42.964	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	102692	38.648	ng	97
31) Naphthalene	10.96	128	306316	42.465	ng	99
32) Benzoic acid	10.18	122	43250	36.009	ng	95
33) 4-Chloroaniline	11.07	127	88369	26.336	ng	97
34) Hexachlorobutadiene	11.22	225	61634	37.689	ng	97
35) Caprolactam	11.85	113	36012	37.943	ng	# 88
36) 4-Chloro-3-methylphenol	12.17	107	111438	43.018	ng	97
37) 2-Methylnaphthalene	12.55	142	226927	43.796	ng	99
38) 1-Methylnaphthalene	12.77	142	214732	43.054	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	118297	39.300	ng	98

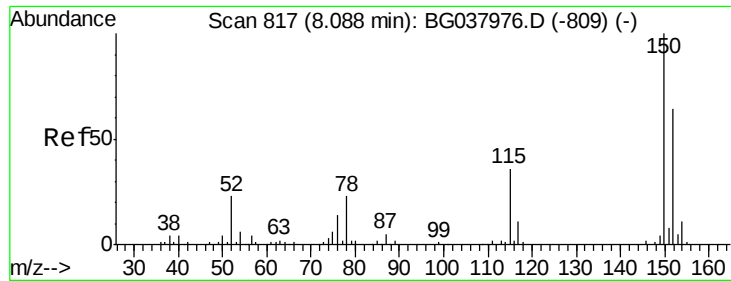
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
 Data File : BG038204.D
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 Operator : JU/SJ
 Sample : PB115117BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	126387	78.412	ng	98
43) 2,4,6-Trichlorophenol	13.16	196	85028	41.453	ng	99
44) 2,4,5-Trichlorophenol	13.23	196	88254	40.892	ng	92
46) 1,1'-Biphenyl	13.55	154	288358	38.103	ng	99
47) 2-Chloronaphthalene	13.60	162	228374	39.546	ng	100
48) 2-Nitroaniline	13.81	65	81554	44.871	ng	97
49) Acenaphthylene	14.45	152	379316	43.679	ng	99
50) Dimethylphthalate	14.17	163	295272	41.347	ng	98
51) 2,6-Dinitrotoluene	14.30	165	67883	41.999	ng	96
52) Acenaphthene	14.79	154	215911	41.298	ng	99
53) 3-Nitroaniline	14.64	138	59665	33.454	ng	# 97
54) 2,4-Dinitrophenol	14.84	184	33493	43.224	ng	90
55) Dibenzofuran	15.12	168	354411	40.997	ng	98
56) 4-Nitrophenol	14.93	139	102480	74.502	ng	84
57) 2,4-Dinitrotoluene	15.08	165	95873	43.596	ng	96
58) Fluorene	15.76	166	285017	44.188	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	79247	43.881	ng	96
60) Diethylphthalate	15.52	149	306242	40.373	ng	100
61) 4-Chlorophenyl-phenylether	15.75	204	148275	39.287	ng	98
62) 4-Nitroaniline	15.80	138	74204	41.882	ng	91
63) Azobenzene	16.05	77	286712	42.275	ng	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	41386	30.837	ng	96
66) n-Nitrosodiphenylamine	15.97	169	257152	40.060	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	92235	39.604	ng	95
68) Hexachlorobenzene	16.76	284	96665	40.212	ng	97
69) Atrazine	16.91	200	95701	40.443	ng	99
70) Pentachlorophenol	17.11	266	101569	62.212	ng	96
71) Phenanthrene	17.51	178	472050	43.453	ng	100
72) Anthracene	17.60	178	477970	44.634	ng	99
73) Carbazole	17.87	167	435382	40.524	ng	99
74) Di-n-butylphthalate	18.41	149	530182	43.961	ng	99
75) Fluoranthene	19.52	202	563407	45.456	ng	97
77) Benzidine	19.70	184	199383	28.378	ng	99
78) Pyrene	19.88	202	566826	43.298	ng	99
80) Butylbenzylphthalate	20.75	149	244985	42.792	ng	99
81) Benzo(a)anthracene	21.73	228	532043	43.970	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	150154	31.857	ng	99
83) Chrysene	21.80	228	494044	42.674	ng	97
84) Bis(2-ethylhexyl)phthalate	21.60	149	345801	42.355	ng	100
85) Di-n-octyl phthalate	22.84	149	594770	45.030	ng	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	489521	38.071	ng	97
88) Benzo(b)fluoranthene	24.01	252	512533	49.035	ng	99
89) Benzo(k)fluoranthene	24.08	252	500975	48.573	ng	99
90) Benzo(a)pyrene	24.92	252	500033	50.058	ng	99
91) Dibenzo(a,h)anthracene	28.95	278	382667	39.814	ng	97
92) Benzo(g,h,i)perylene	30.09	276	403991	42.274	ng	100

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

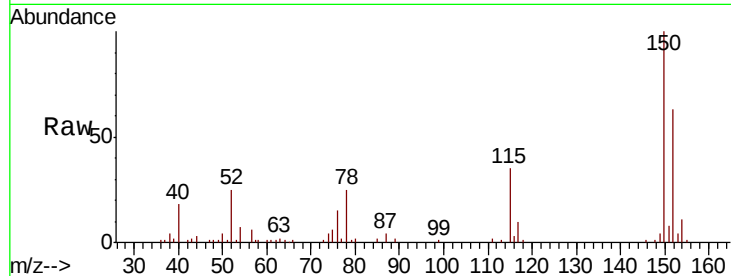


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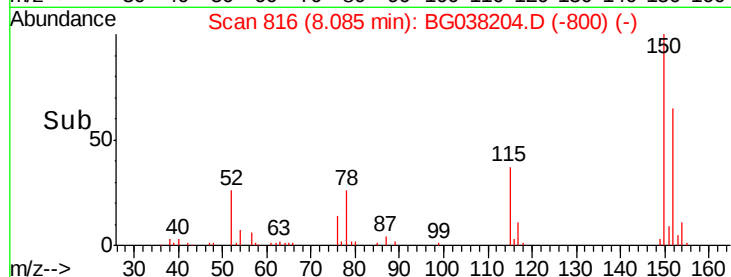
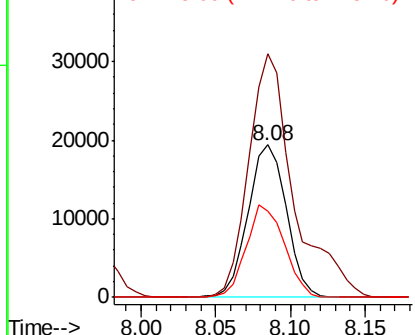
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

Tgt Ion: 152 Resp: 34295
 Ion Ratio Lower Upper
 152 100
 150 159.8 126.0 189.0
 115 56.4 45.5 68.3



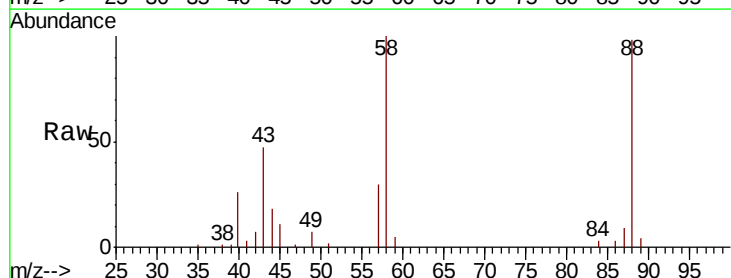
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



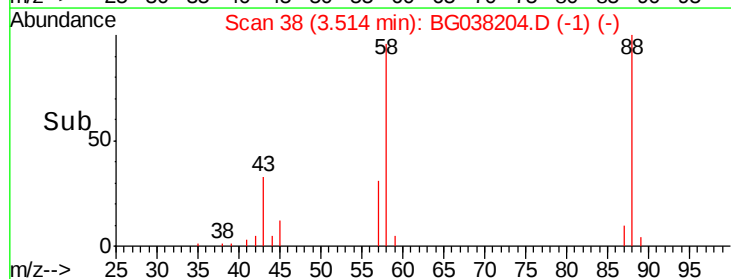
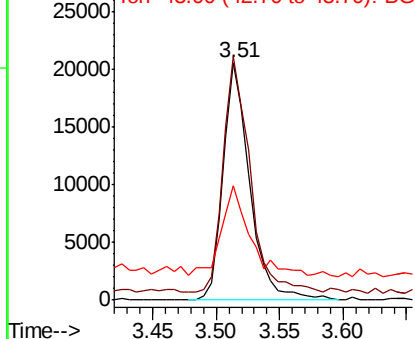
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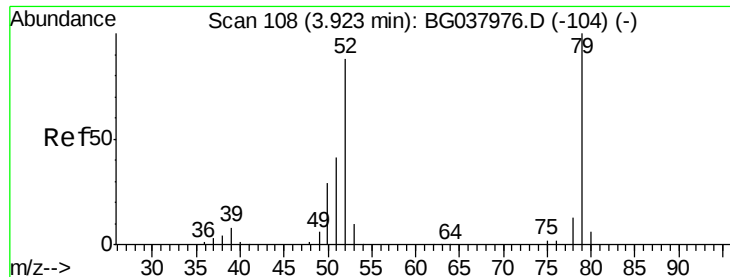
1,4-Dioxane
 Concen: 31.969 ng
 RT: 3.51 min Scan# 38
 Delta R.T. -0.01 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Tgt Ion: 88 Resp: 29994
 Ion Ratio Lower Upper
 88 100
 58 99.8 74.4 111.6
 43 40.6 25.8 38.8#



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: 31.716 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB115117BS

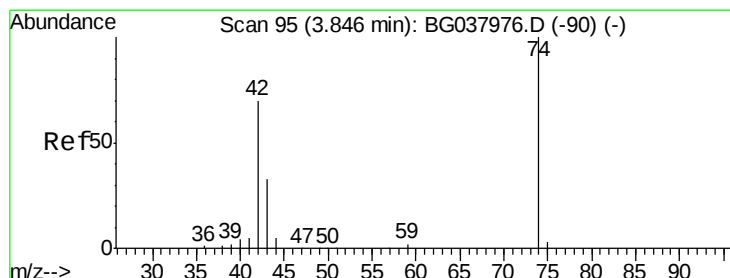
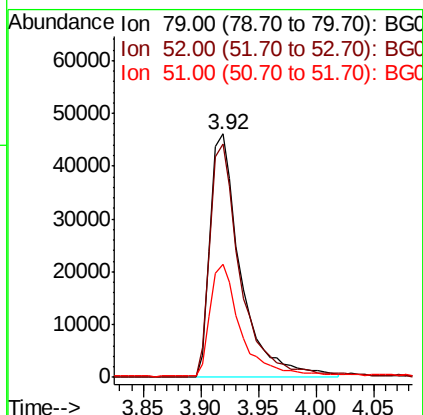
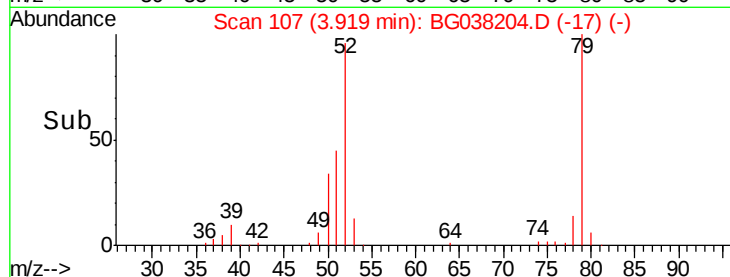
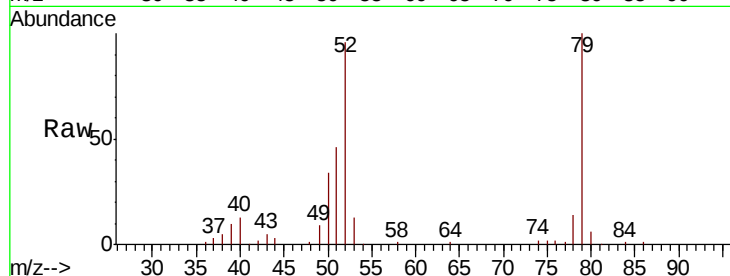
Tgt Ion: 79 Resp: 84884

Ion Ratio Lower Upper

79 100

52 95.7 74.2 111.2

51 46.5 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 47.343 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

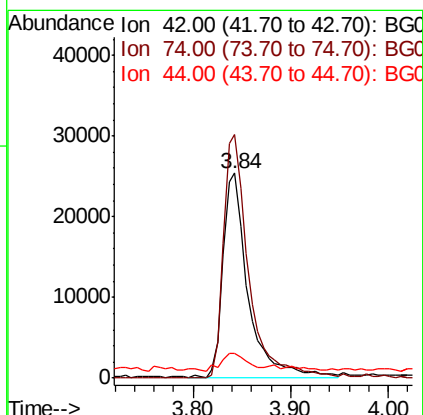
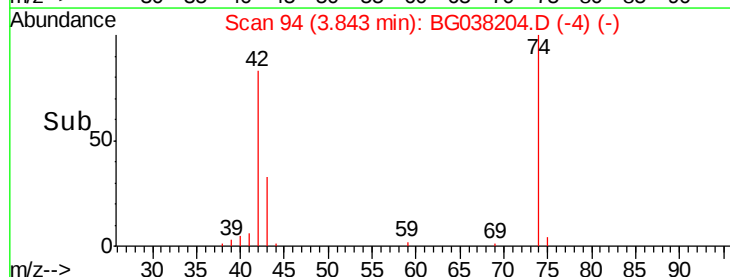
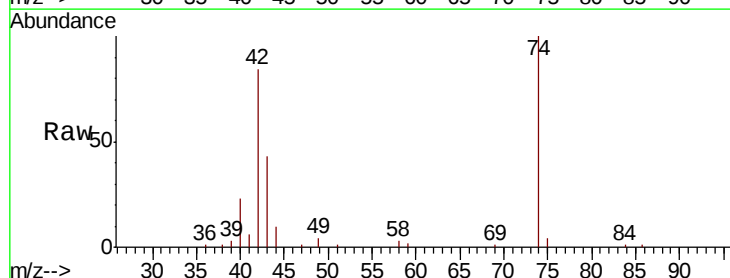
Tgt Ion: 42 Resp: 45968

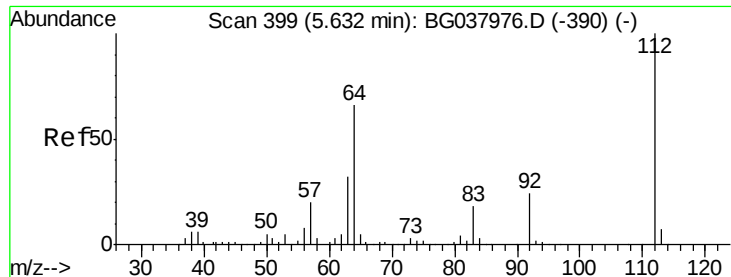
Ion Ratio Lower Upper

42 100

74 118.7 102.0 153.0

44 11.9 9.6 14.4





#5

2-Fluorophenol

Concen: 134.427 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB115117BS

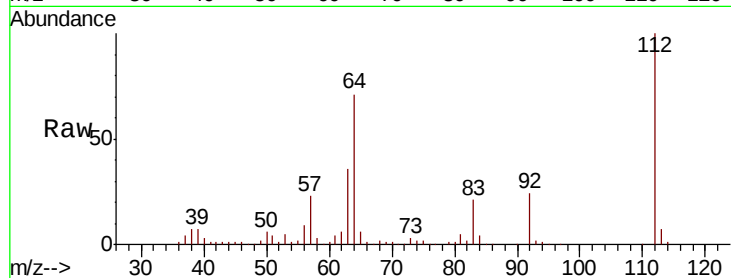
Tgt Ion: 112 Resp: 267014

Ion Ratio Lower Upper

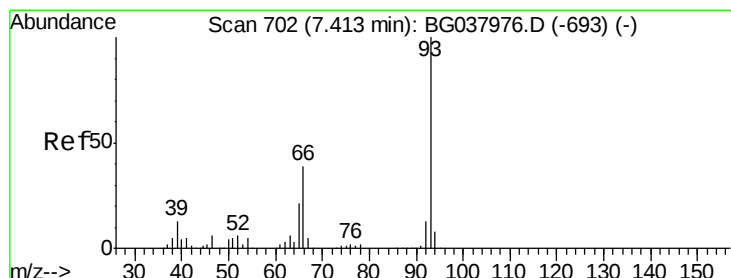
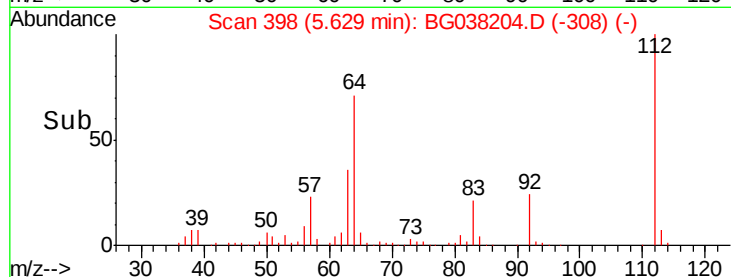
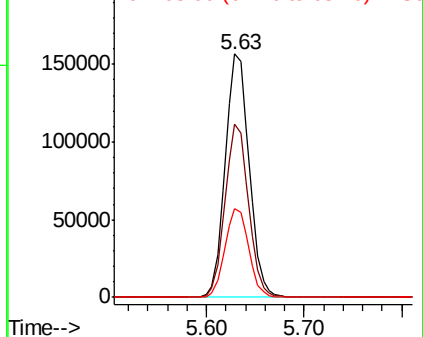
112 100

64 71.3 53.1 79.7

63 36.4 27.3 40.9



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: 28.039 ng

RT: 7.41 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

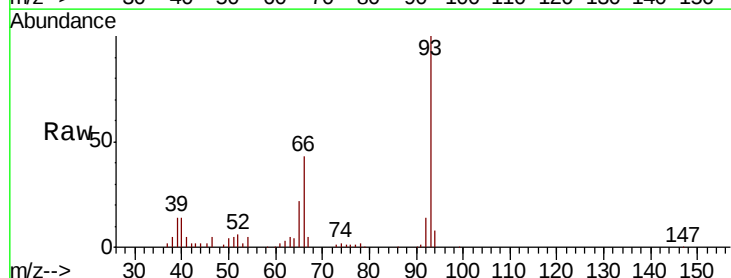
Tgt Ion: 93 Resp: 102605

Ion Ratio Lower Upper

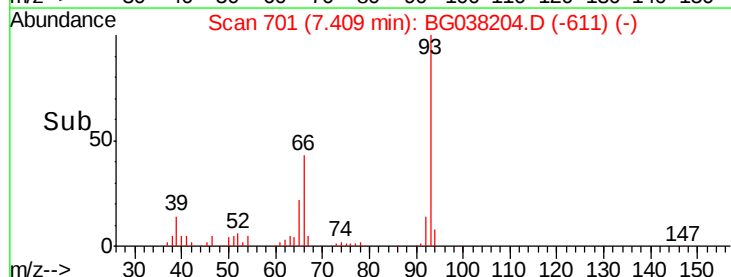
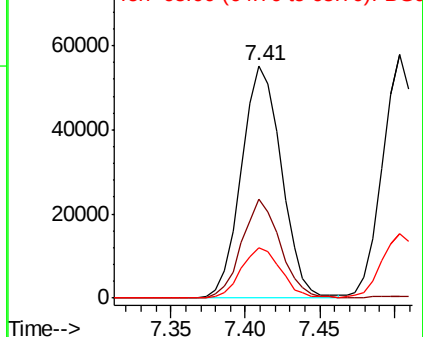
93 100

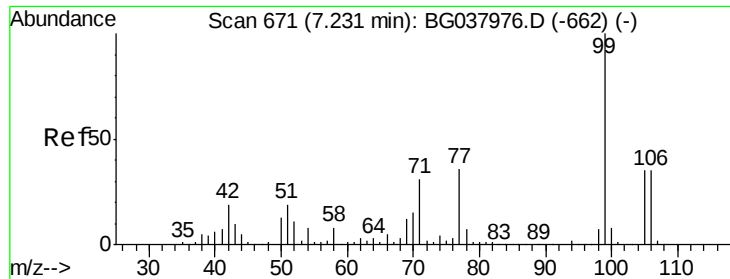
66 42.6 32.8 49.2

65 21.8 16.4 24.6



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





#7

Phenol-d6

Concen: 129.111 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB115117BS

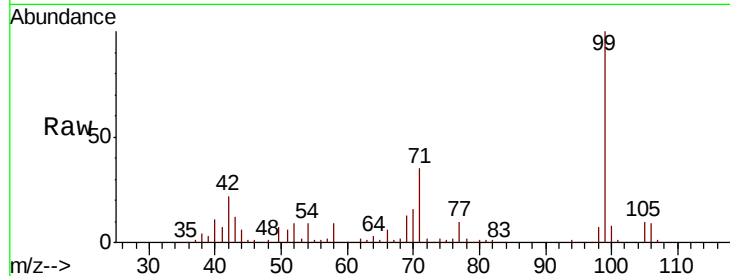
Tgt Ion: 99 Resp: 366075

Ion Ratio Lower Upper

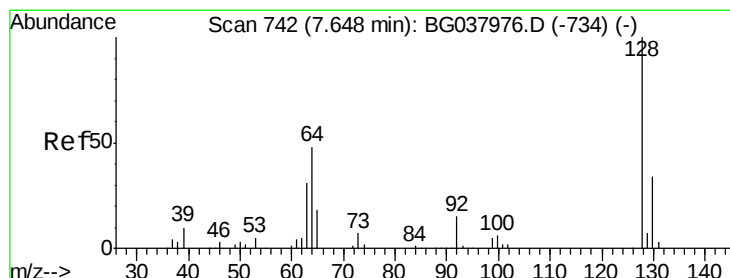
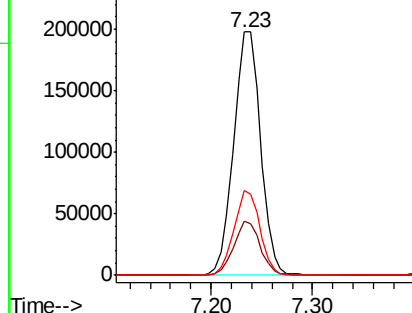
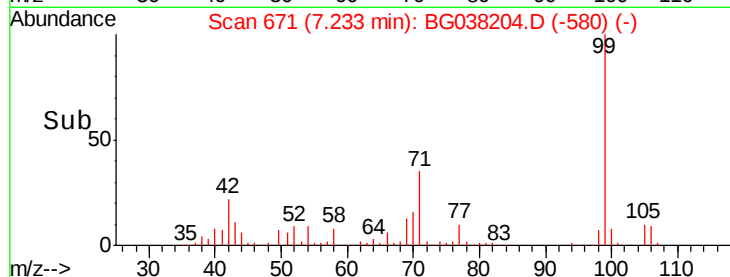
99 100

42 22.5 15.0 22.4#

71 34.7 25.5 38.3



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: 43.333 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

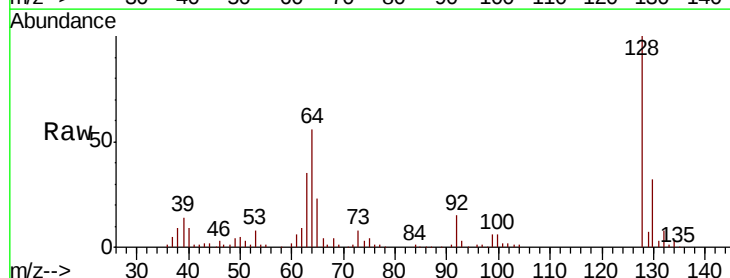
Tgt Ion: 128 Resp: 99873

Ion Ratio Lower Upper

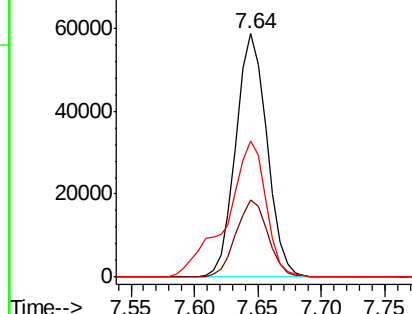
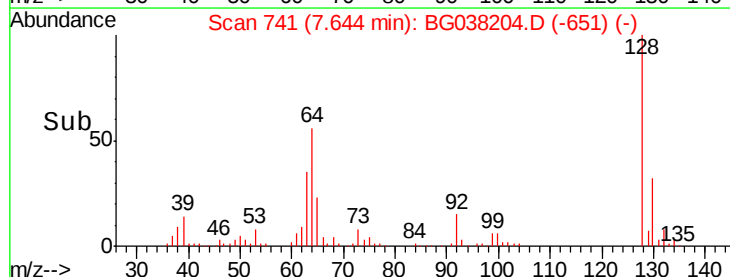
128 100

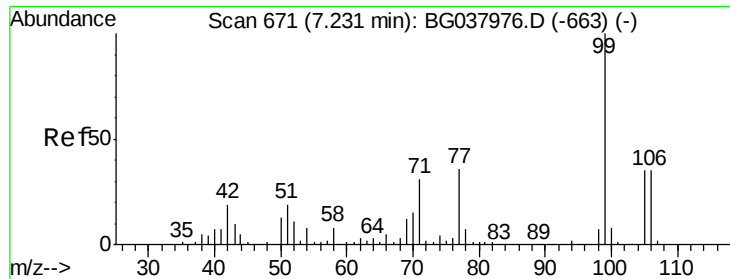
130 31.7 12.0 52.0

64 56.1 32.9 72.9



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





#9

Benzaldehyde

Concen: 22.020 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB115117BS

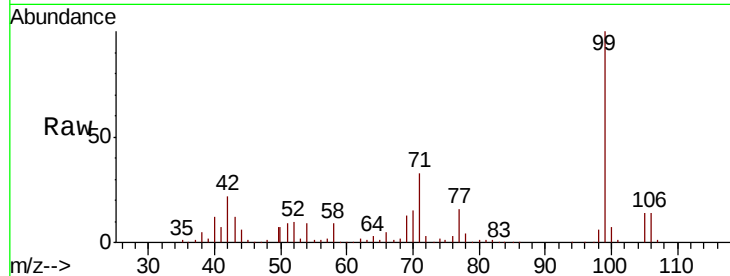
Tgt Ion: 77 Resp: 45151

Ion Ratio Lower Upper

77 100

105 87.1 72.6 112.6

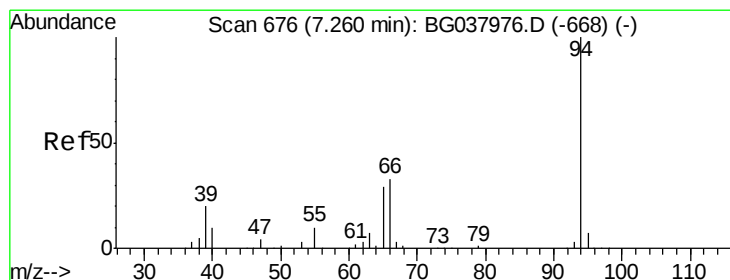
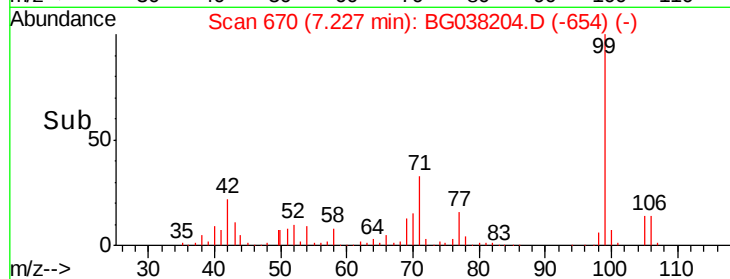
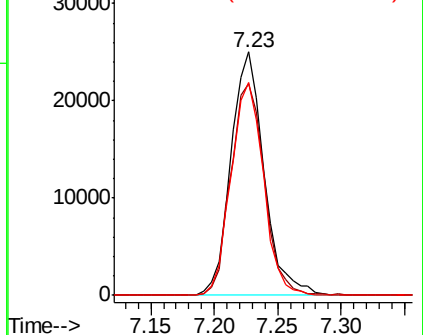
106 87.5 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.405 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

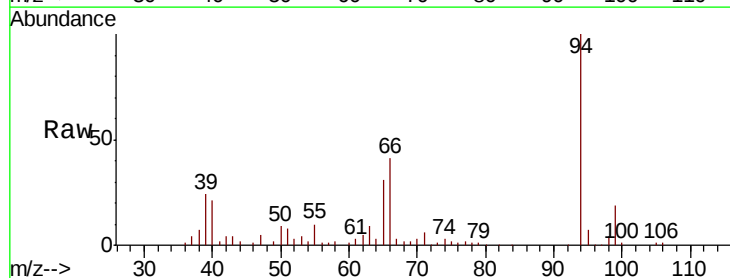
Tgt Ion: 94 Resp: 130355

Ion Ratio Lower Upper

94 100

65 30.8 9.7 49.7

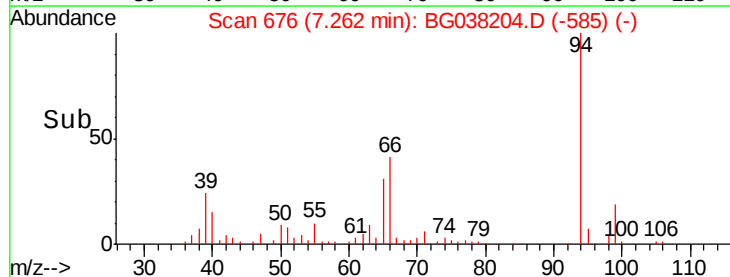
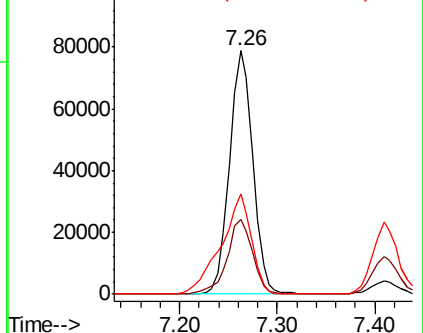
66 40.9 15.9 55.9

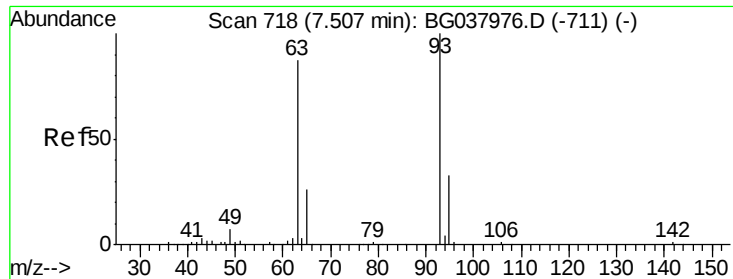


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

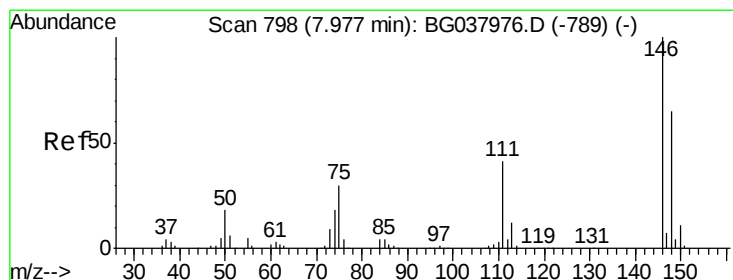
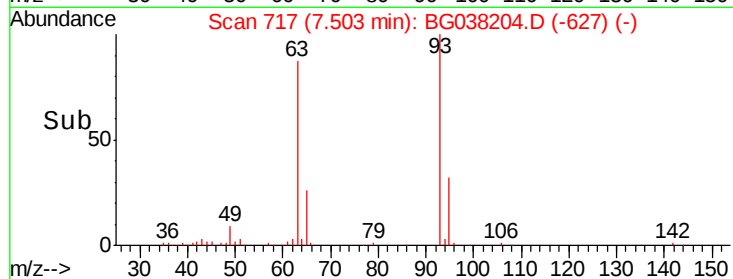
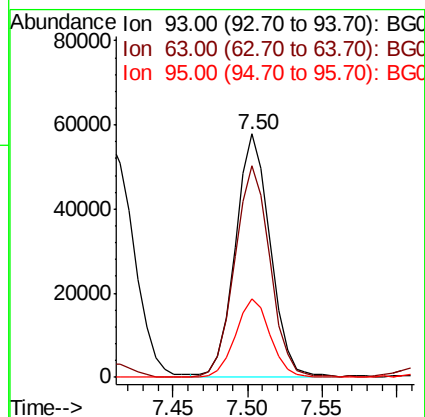
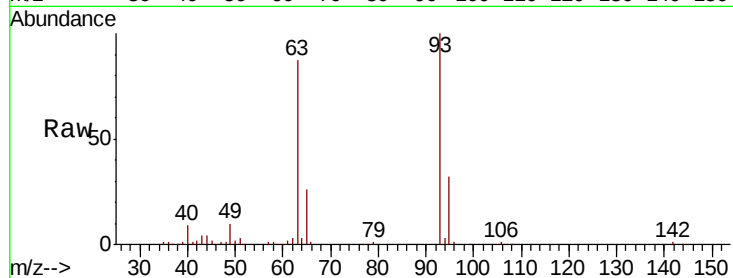




#11
 bis(2-Chloroethyl)ether
 Concen: 38.609 ng
 RT: 7.50 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

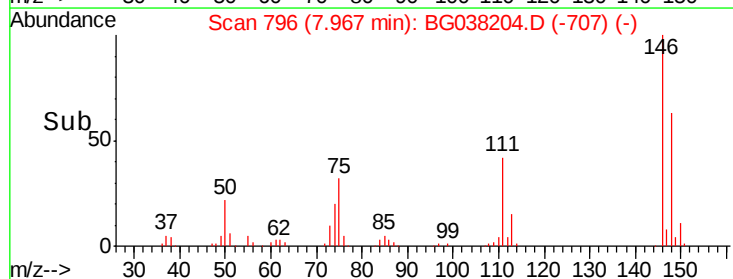
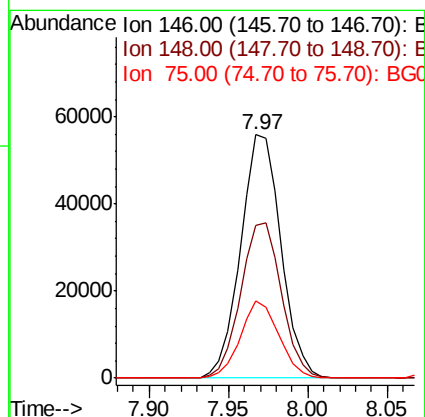
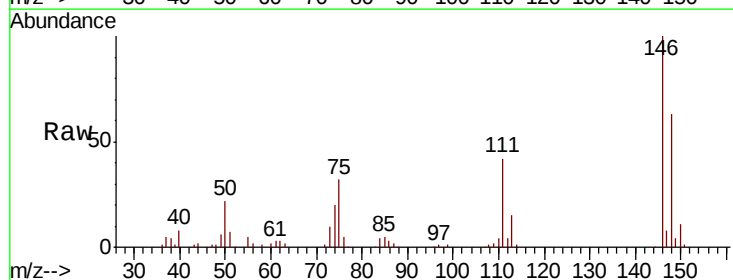
Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

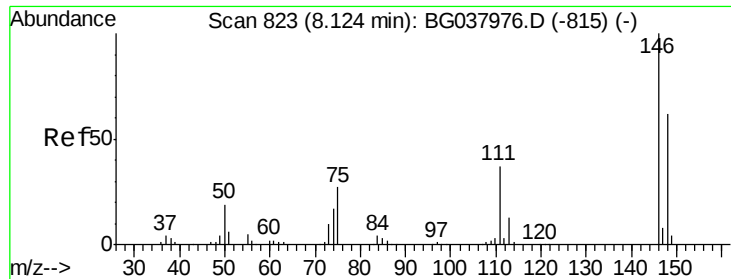
Tgt Ion: 93 Resp: 94663
 Ion Ratio Lower Upper
 93 100
 63 87.0 69.5 109.5
 95 32.2 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 37.220 ng
 RT: 7.97 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Tgt Ion: 146 Resp: 98826
 Ion Ratio Lower Upper
 146 100
 148 63.0 49.8 74.8
 75 32.0 23.2 34.8

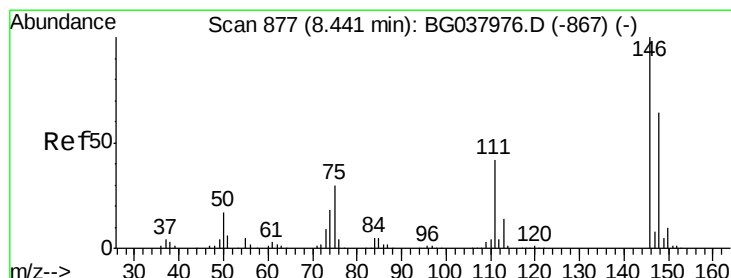
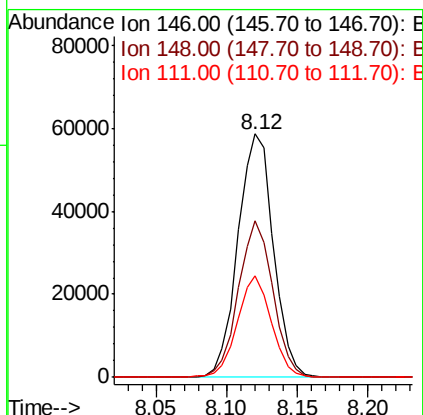
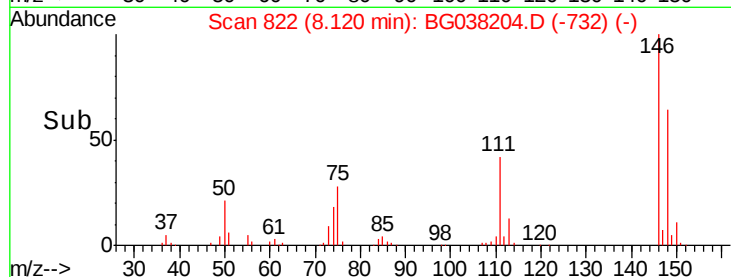
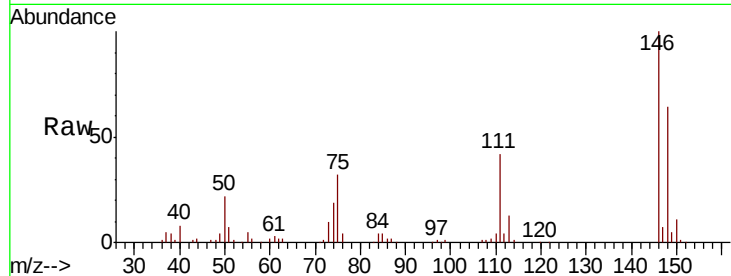




#13
 1,4-Dichlorobenzene
 Concen: 38.363 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

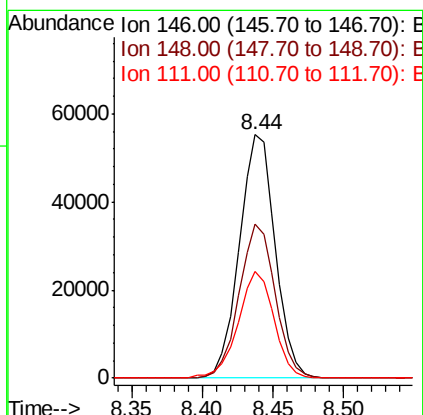
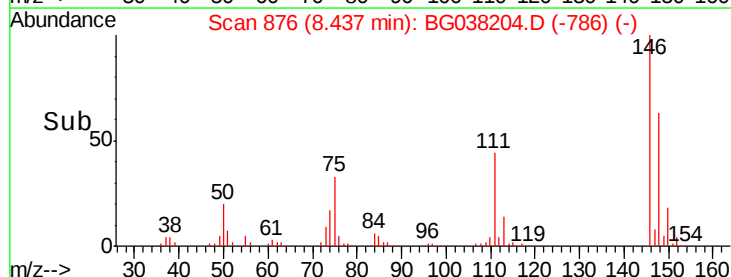
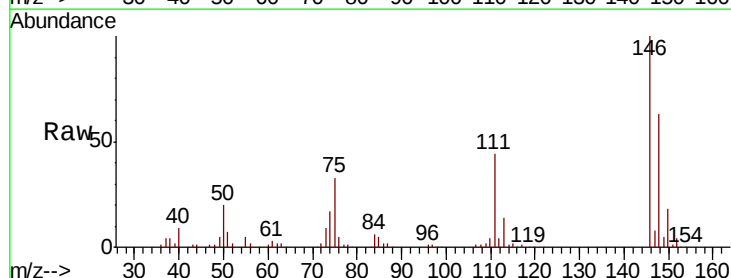
Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

Tgt Ion:146 Resp: 102895
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.0 76.6
 111 41.9 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 38.165 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Tgt Ion:146 Resp: 97731
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.4 75.6
 111 43.8 34.6 51.8





#15

Benzyl Alcohol

Concen: 44.234 ng

RT: 8.33 min Scan# 857

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB115117BS

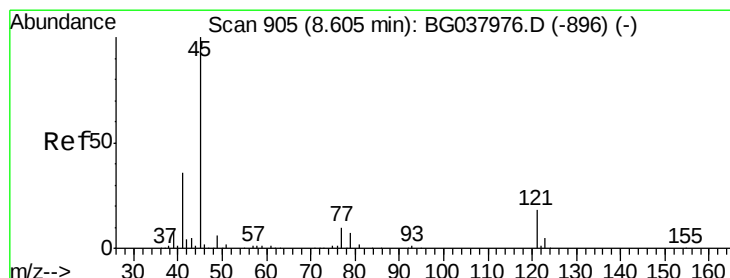
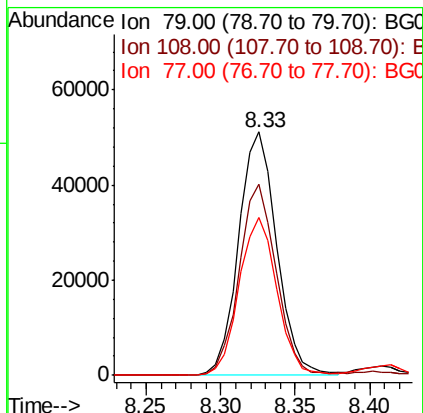
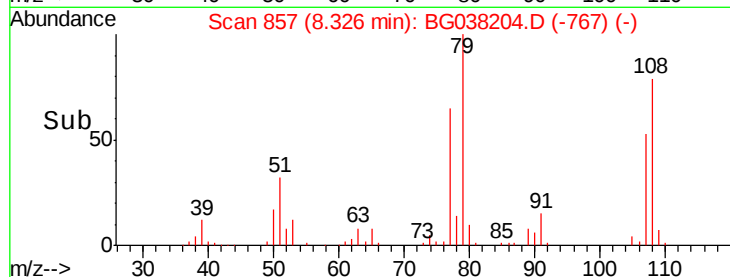
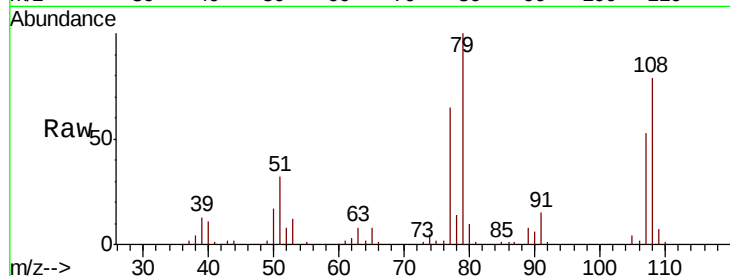
Tgt Ion: 79 Resp: 90752

Ion Ratio Lower Upper

79 100

108 78.5 65.8 98.8

77 64.8 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.274 ng

RT: 8.61 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

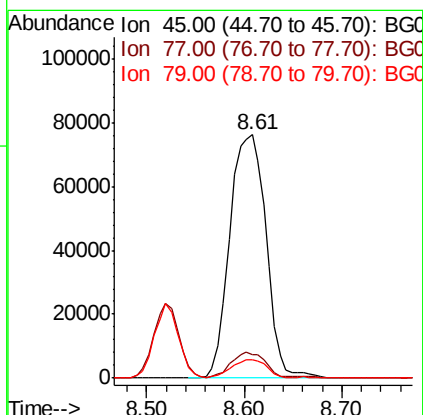
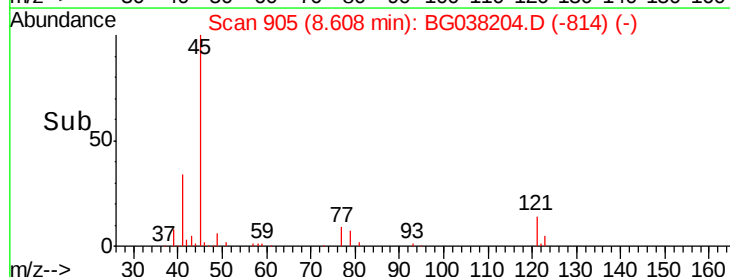
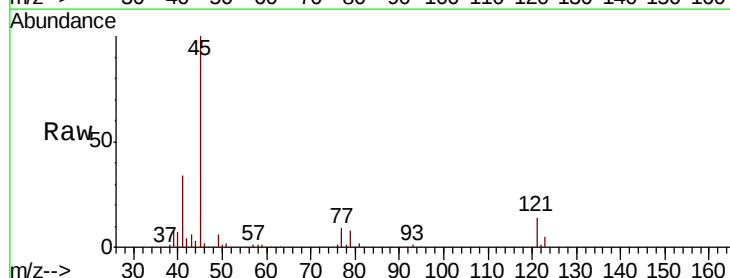
Tgt Ion: 45 Resp: 197014

Ion Ratio Lower Upper

45 100

77 9.4 0.0 30.0

79 7.8 0.0 29.0

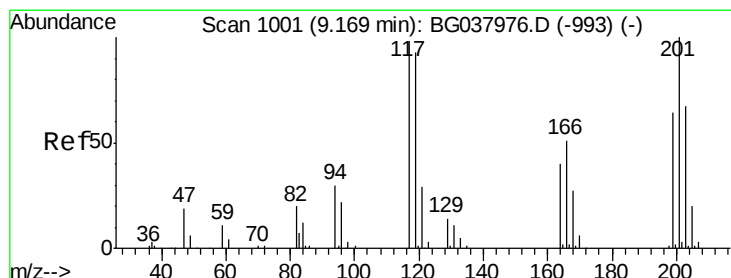
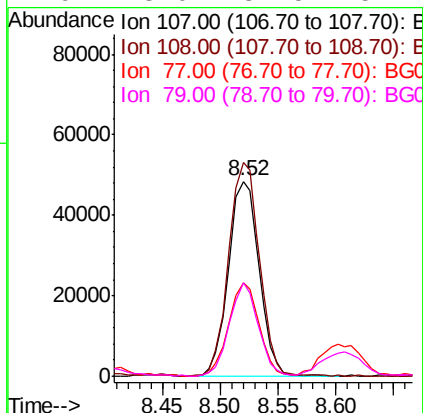
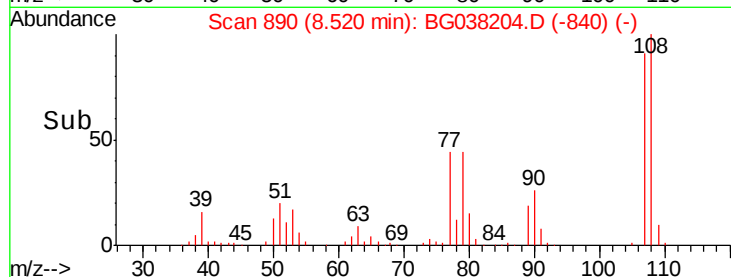
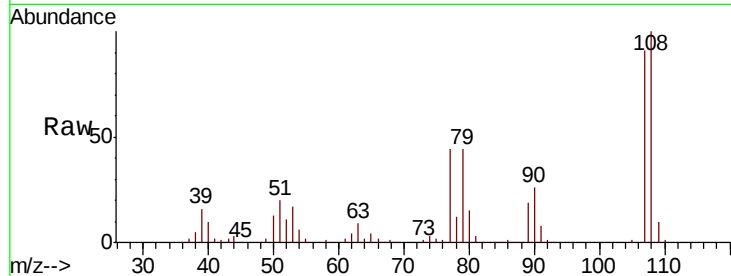




#17
2-Methylphenol
Concen: 43.958 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

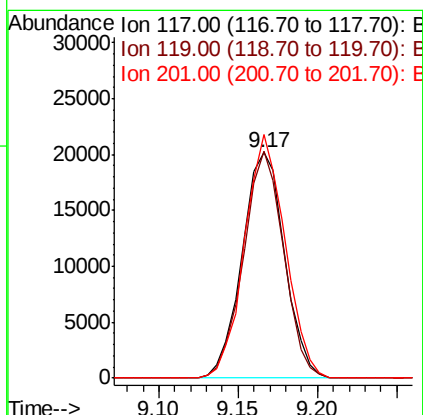
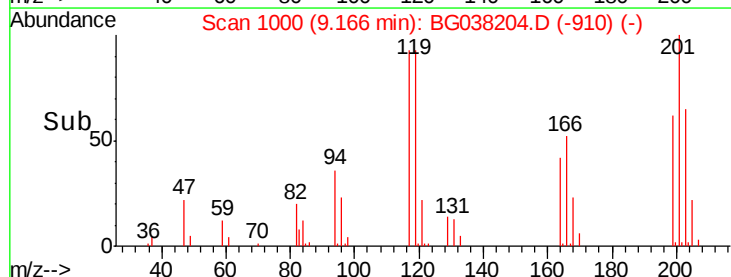
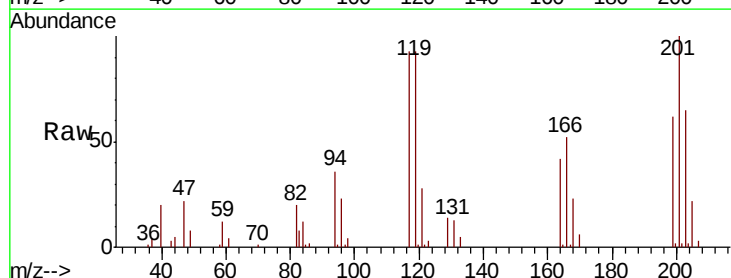
Instrument :
BNA_G
ClientSampleId :
PB115117BS

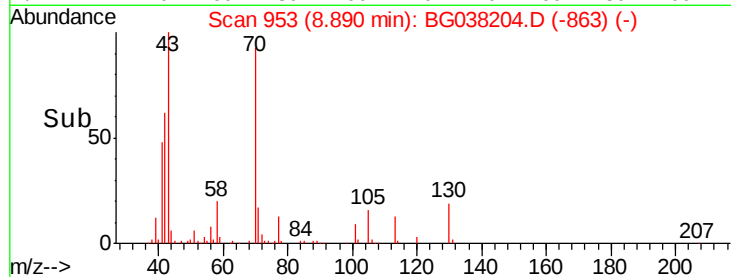
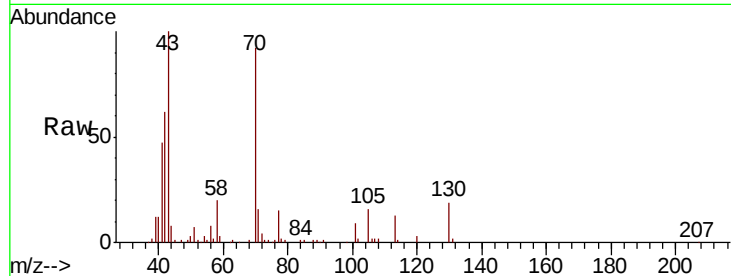
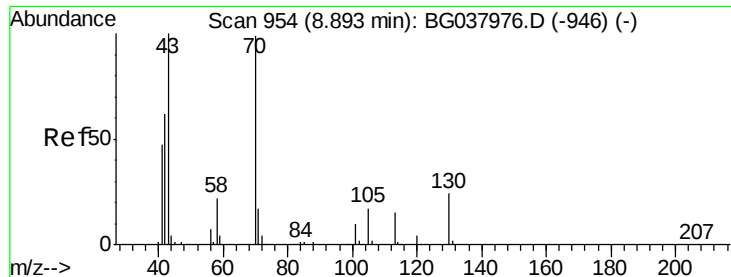
Tgt Ion:	107	Resp:	89255
Ion	Ratio	Lower	Upper
107	100		
108	109.7	87.9	131.9
77	48.2	35.1	52.7
79	48.0	34.5	51.7



#18
Hexachloroethane
Concen: 38.446 ng
RT: 9.17 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion:	117	Resp:	37528
Ion	Ratio	Lower	Upper
117	100		
119	100.6	74.6	111.8
201	110.3	80.8	121.2

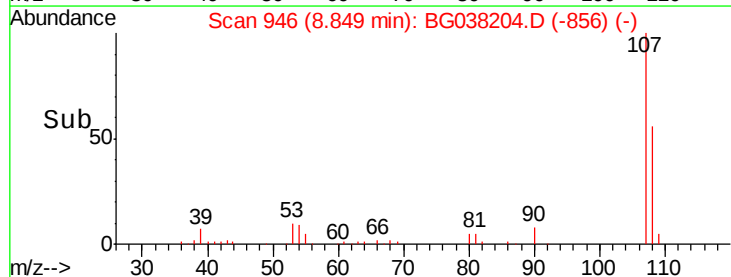
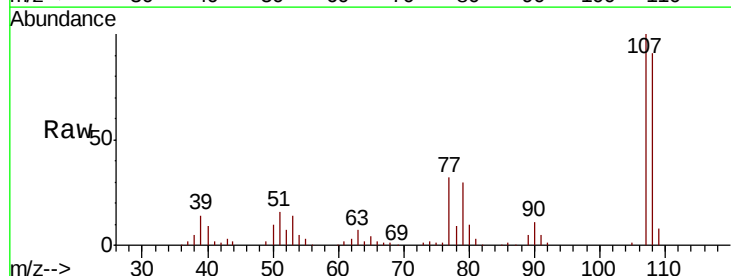
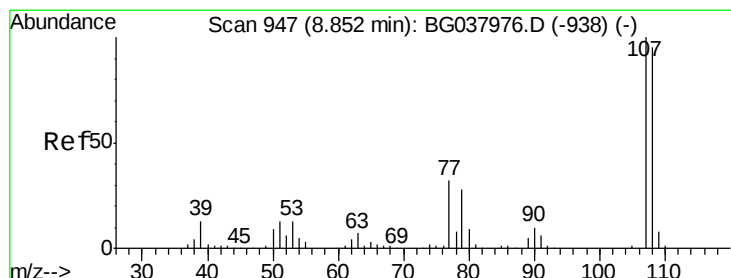
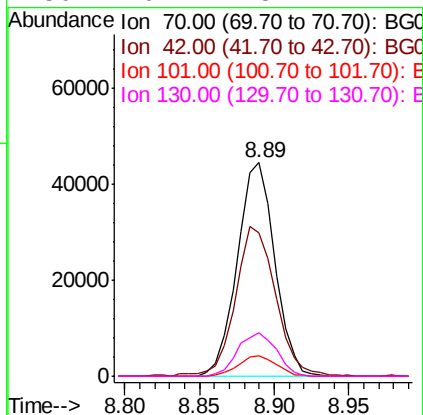




#19
n-Nitroso-di-n-propylamine
Concen: 37.794 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

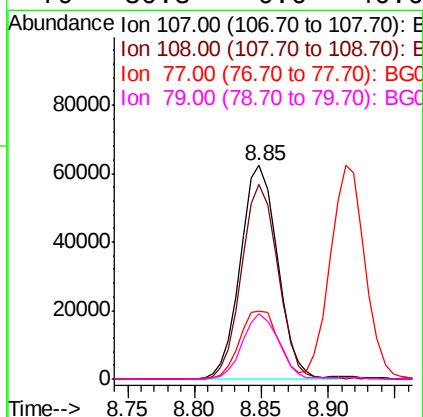
Instrument :
BNA_G
ClientSampleId :
PB115117BS

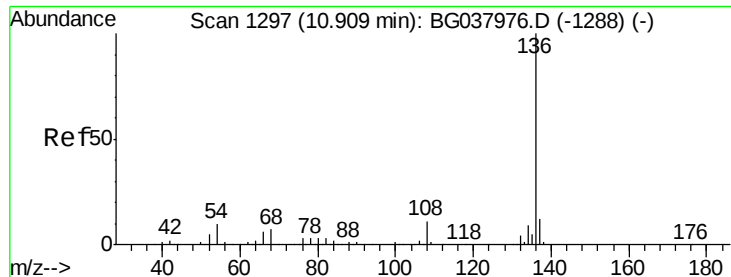
Tgt Ion:	70	Resp:	77538
Ion	Ratio	Lower	Upper
70	100		
42	67.3	53.9	80.9
101	9.7	8.2	12.2
130	20.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 42.023 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion:	107	Resp:	120958
Ion	Ratio	Lower	Upper
107	100		
108	91.4	69.9	109.9
77	31.9	11.2	51.2
79	30.3	6.6	46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB115117BS

Tgt Ion:136 Resp: 146658

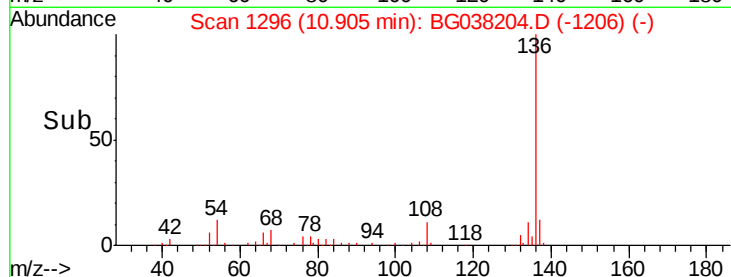
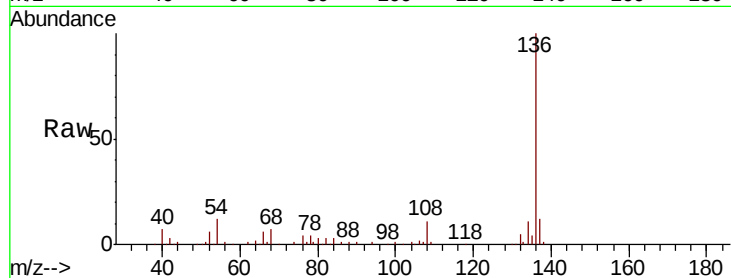
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 12.0 7.9 11.9#

68 6.5 4.8 7.2

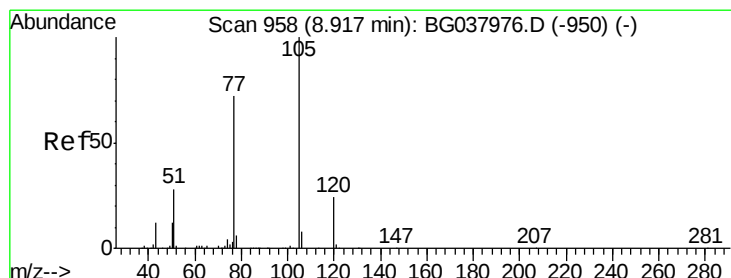
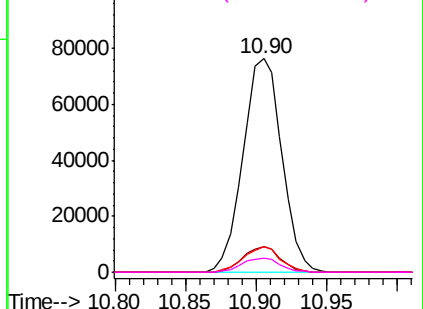


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.923 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Tgt Ion:105 Resp: 145678

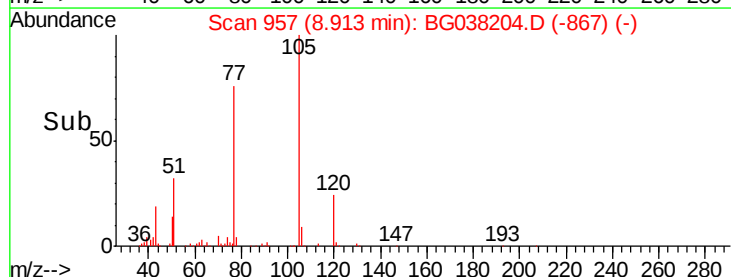
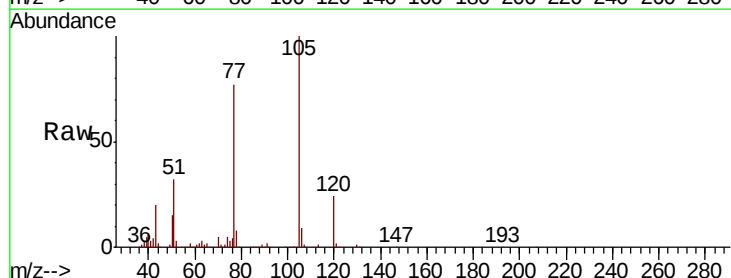
Ion Ratio Lower Upper

105 100

71 1.0 1.2 1.8#

51 32.5 25.0 37.6

120 24.2 18.6 28.0

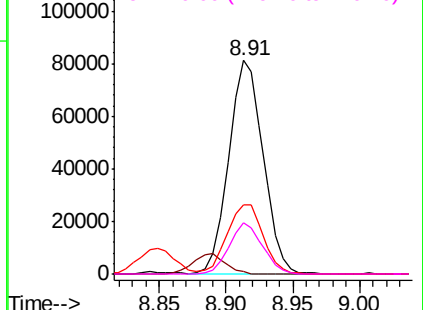


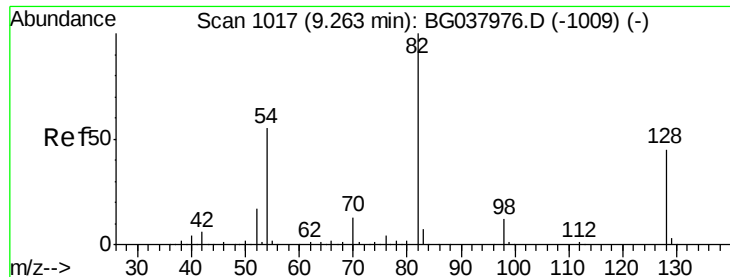
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

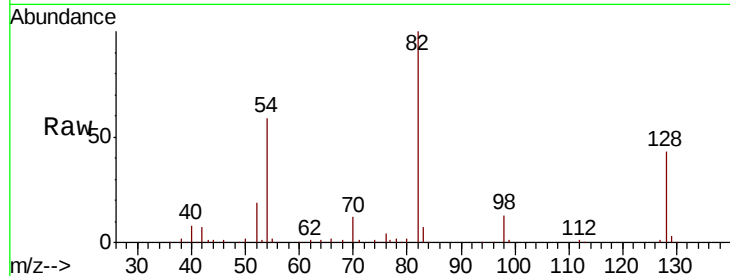




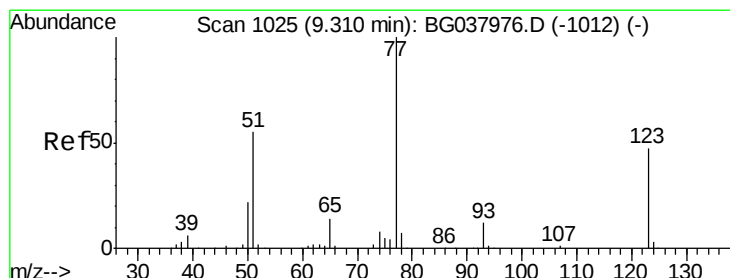
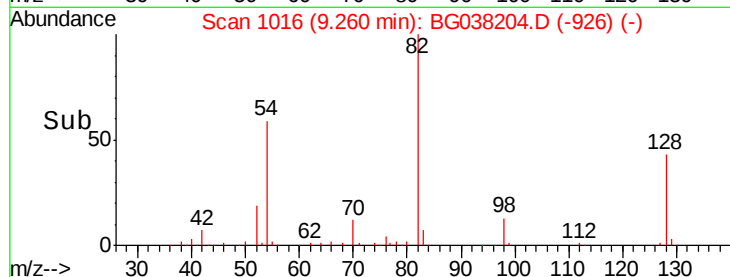
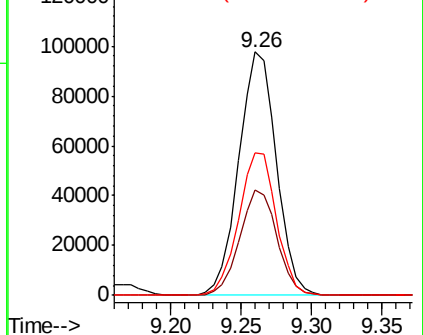
#23
 Nitrobenzene-d5
 Concen: 66.520 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

Tgt Ion: 82 Resp: 182247
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.6 51.8
 54 58.6 45.3 67.9

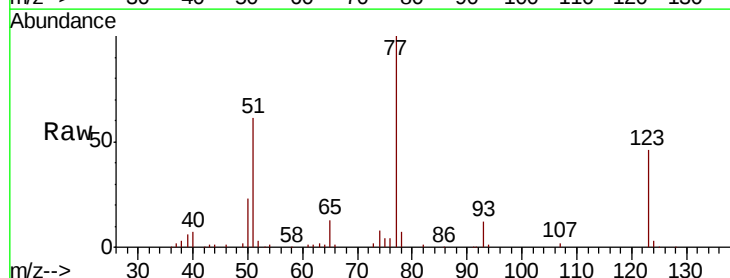


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

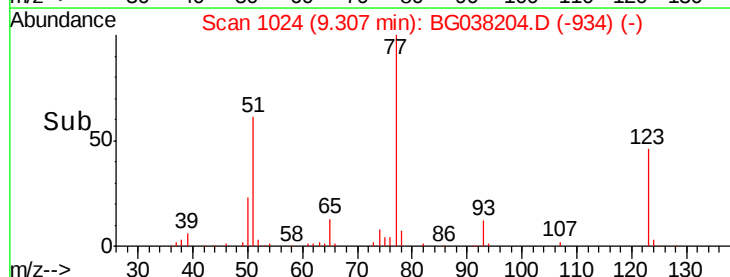
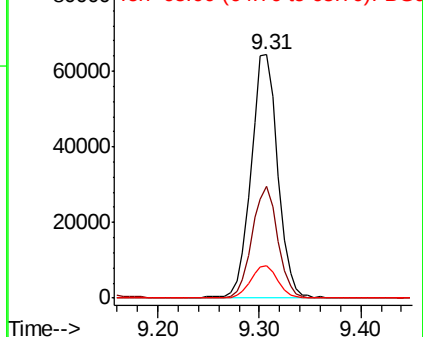


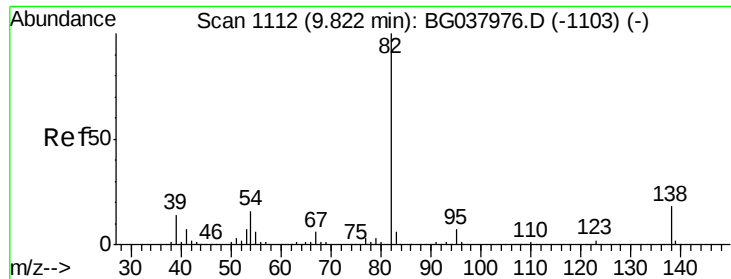
#24
 Nitrobenzene
 Concen: 41.916 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Tgt Ion: 77 Resp: 117475
 Ion Ratio Lower Upper
 77 100
 123 45.8 33.6 50.4
 65 13.3 11.3 16.9



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

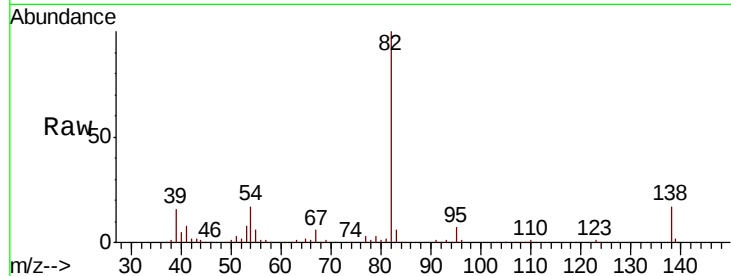




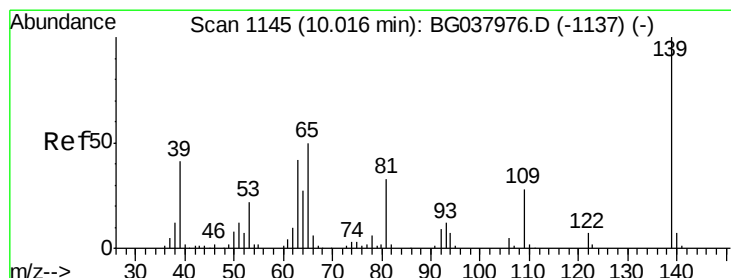
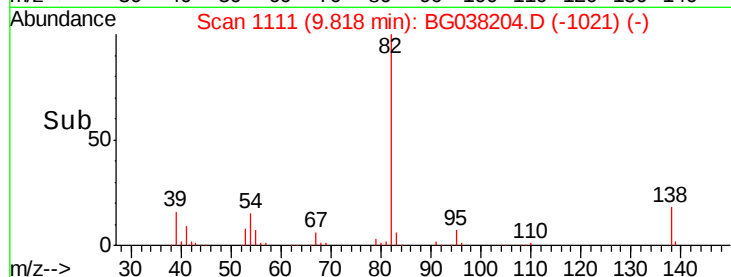
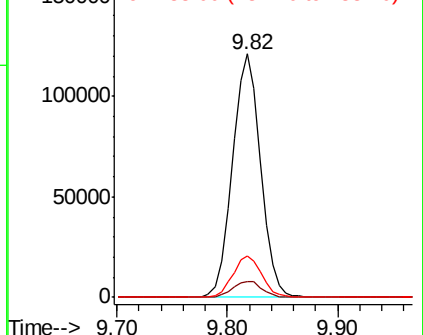
#25
Isophorone
Concen: 43.757 ng
RT: 9.82 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tgt Ion: 82 Resp: 215776
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 17.2 13.3 19.9

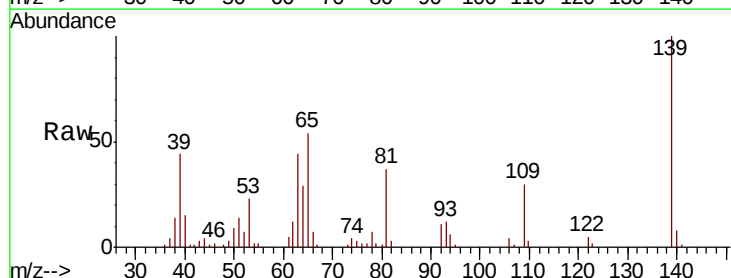


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

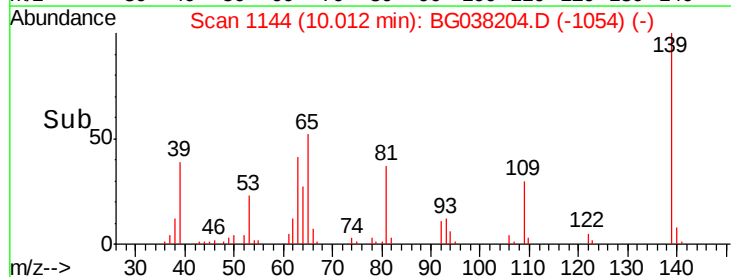
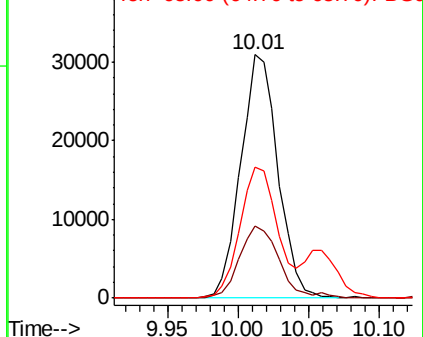


#26
2-Nitrophenol
Concen: 40.740 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion: 139 Resp: 57001
Ion Ratio Lower Upper
139 100
109 29.7 23.3 34.9
65 53.6 39.8 59.8



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

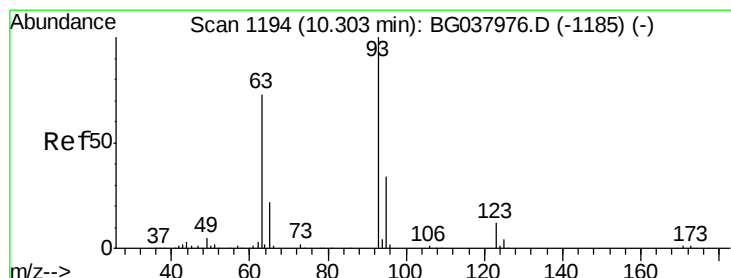
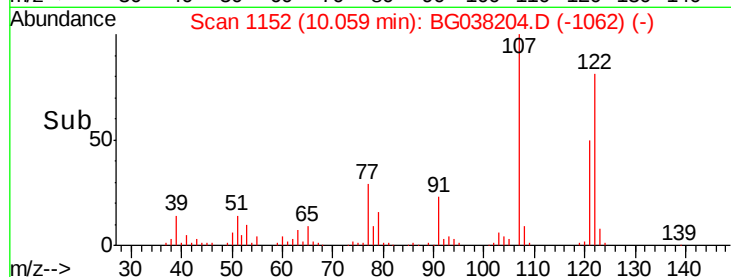
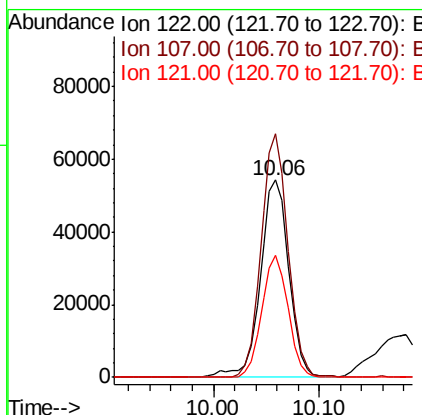
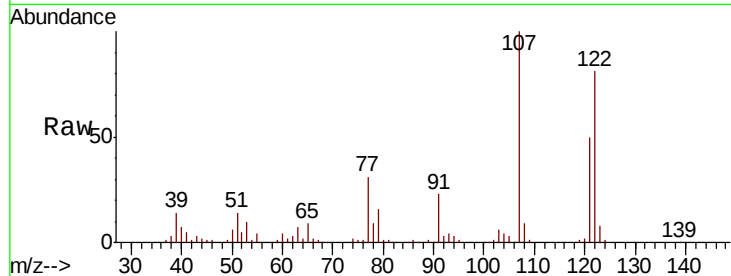




#27
 2,4-Dimethylphenol
 Concen: 48.211 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

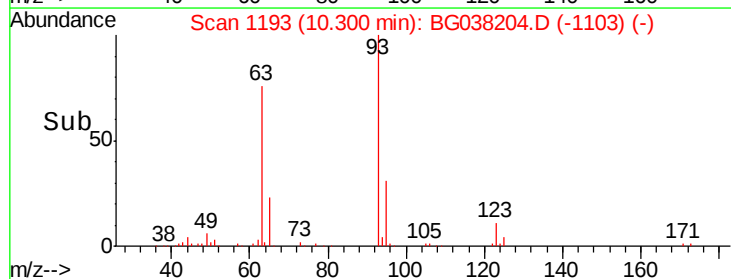
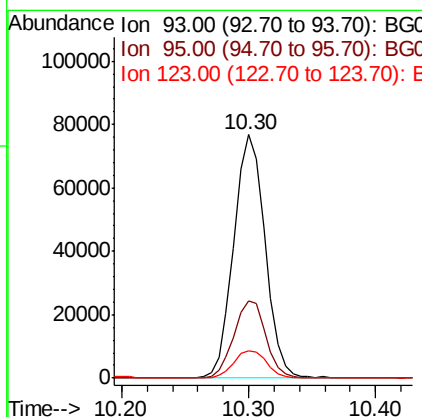
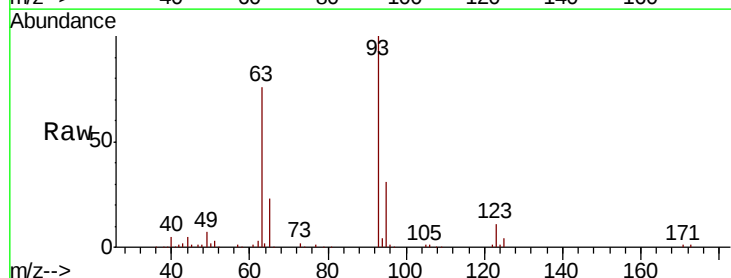
Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

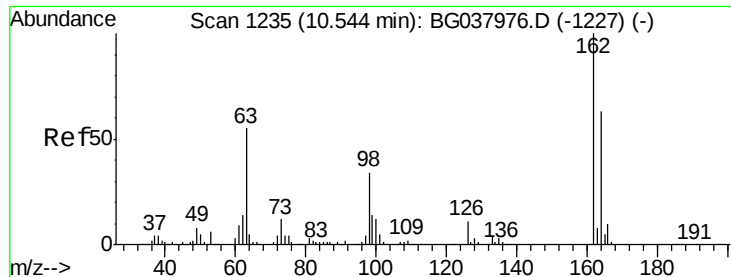
Tgt Ion:122 Resp: 101631
 Ion Ratio Lower Upper
 122 100
 107 123.4 94.2 141.2
 121 62.1 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.691 ng
 RT: 10.30 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Tgt Ion: 93 Resp: 131463
 Ion Ratio Lower Upper
 93 100
 95 31.5 24.6 37.0
 123 11.3 9.1 13.7

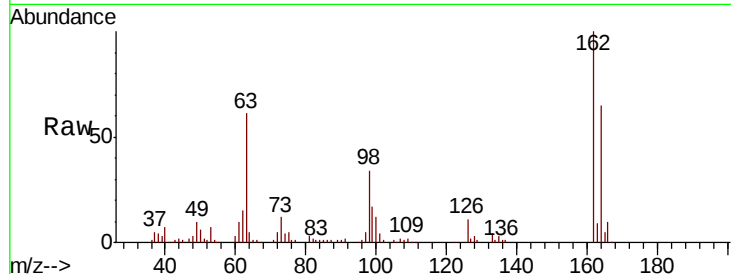




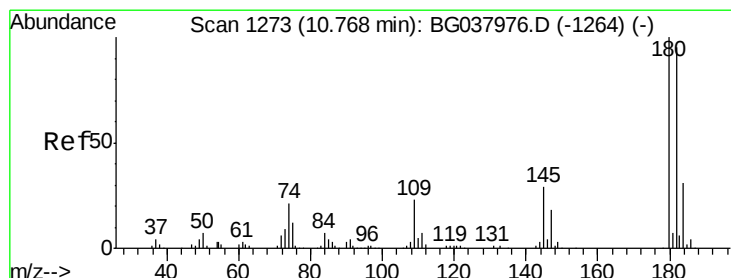
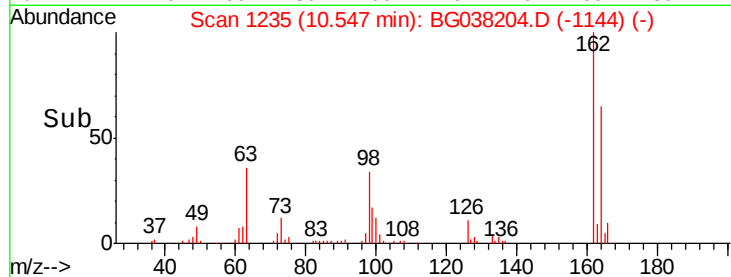
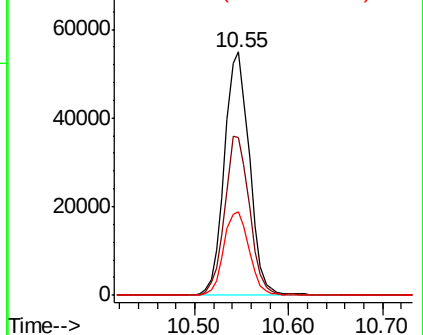
#29
 2,4-Dichlorophenol
 Concen: 42.964 ng
 RT: 10.55 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.2	83.2
98	34.4	16.0	56.0

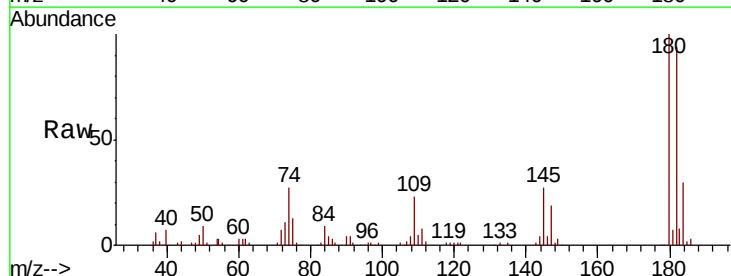


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

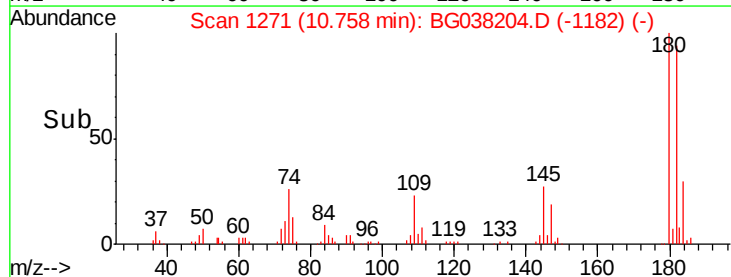
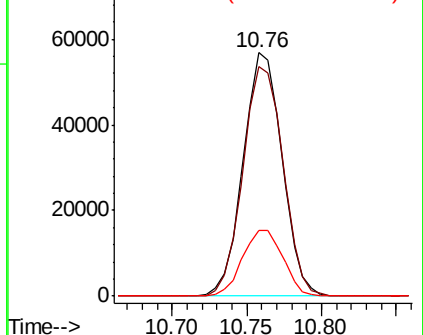


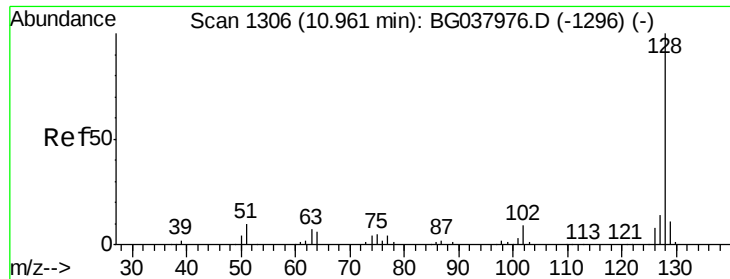
#30
 1,2,4-Trichlorobenzene
 Concen: 38.648 ng
 RT: 10.76 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.7	116.5
145	27.1	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

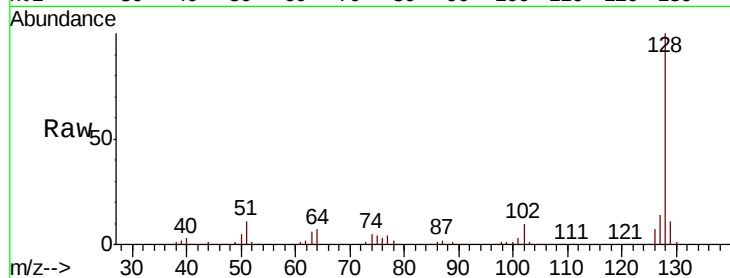




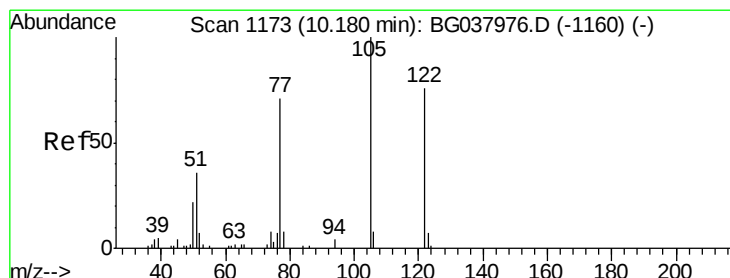
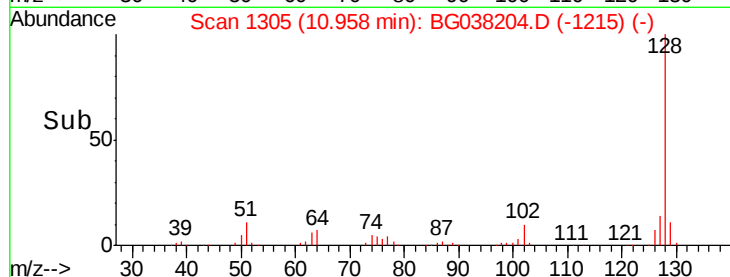
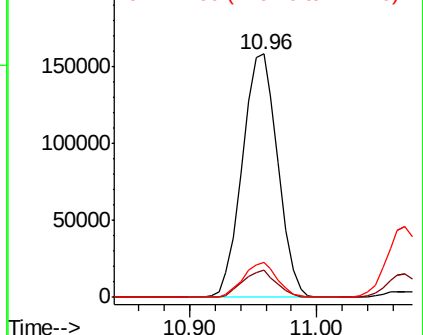
#31
Naphthalene
Concen: 42.465 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tgt Ion:128 Resp: 306316
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 14.3 11.1 16.7

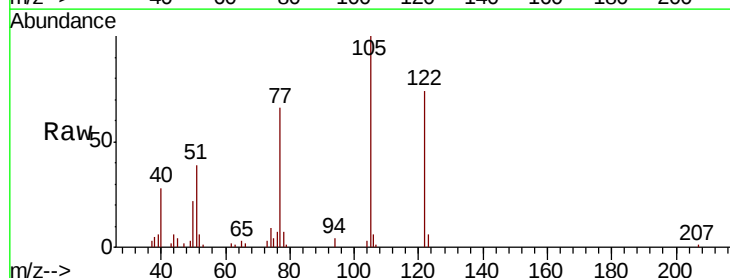


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

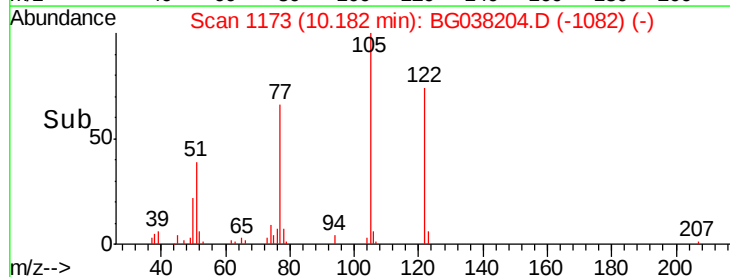
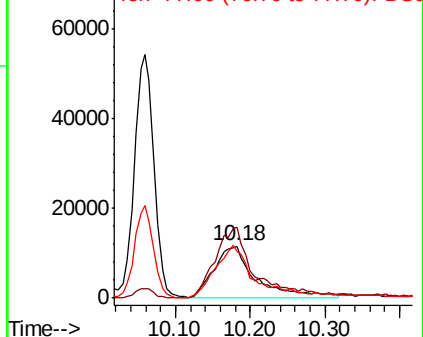


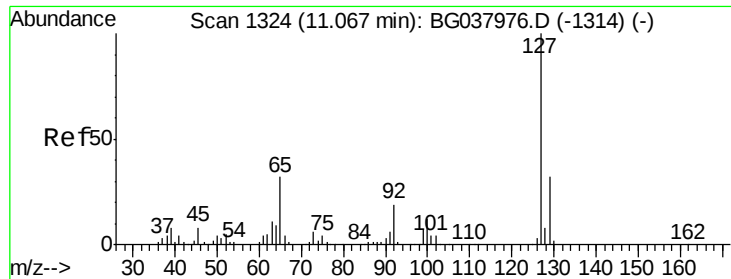
#32
Benzoic acid
Concen: 36.009 ng
RT: 10.18 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion:122 Resp: 43250
Ion Ratio Lower Upper
122 100
105 135.4 106.7 146.7
77 90.0 72.2 112.2



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

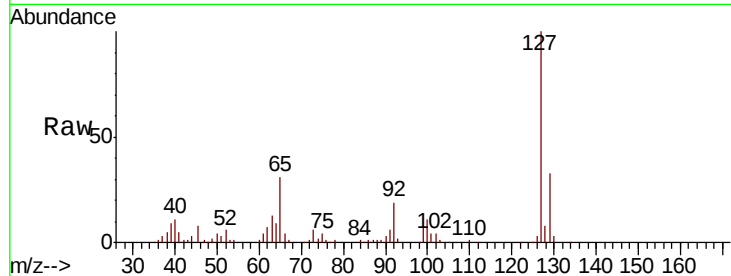




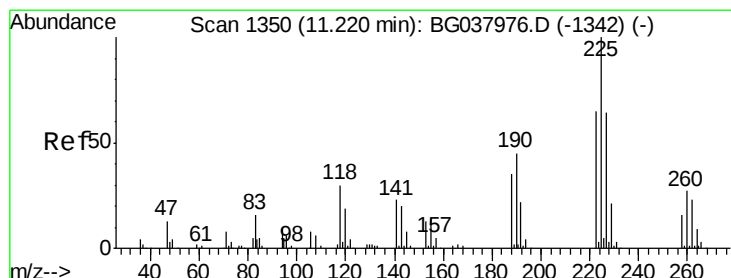
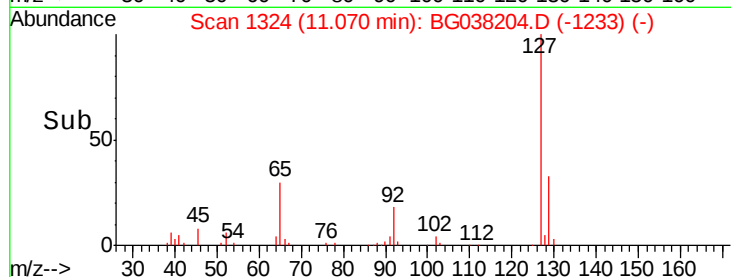
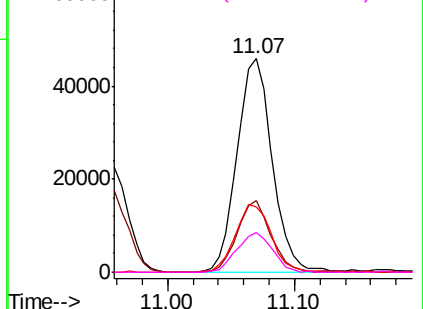
#33
4-Chloroaniline
Concen: 26.336 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tgt Ion:	127	Resp:	88369
Ion	Ratio	Lower	Upper
127	100		
129	33.4	27.1	40.7
65	30.6	26.6	39.8
92	18.5	16.4	24.6

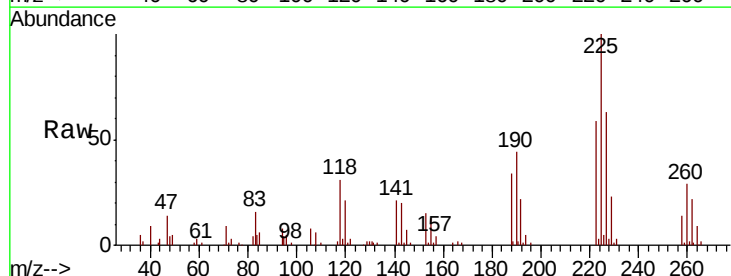


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

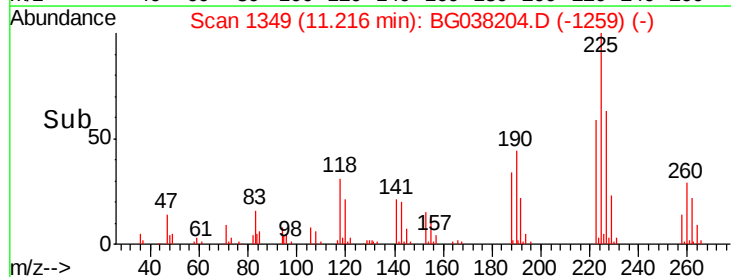
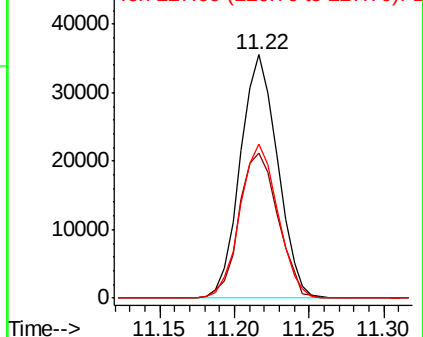


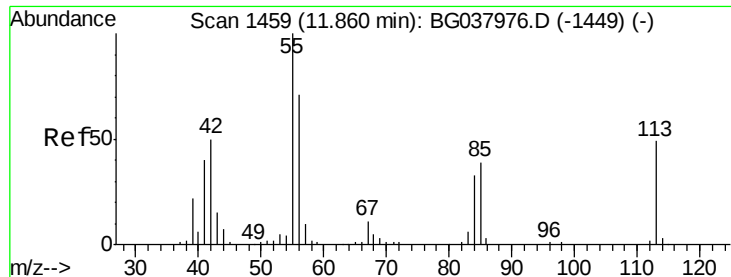
#34
Hexachlorobutadiene
Concen: 37.689 ng
RT: 11.22 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion:	225	Resp:	61634
Ion	Ratio	Lower	Upper
225	100		
223	56.3	48.2	72.4
227	63.2	51.6	77.4



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

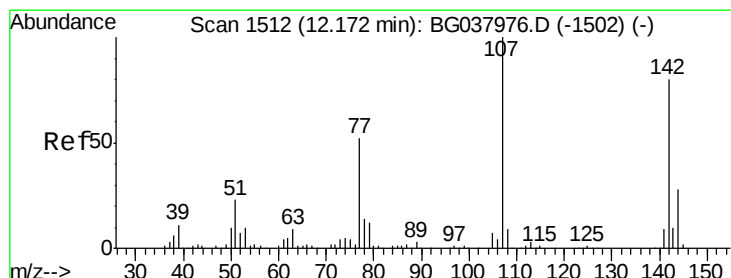
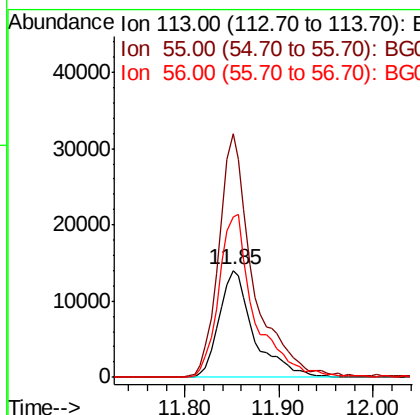
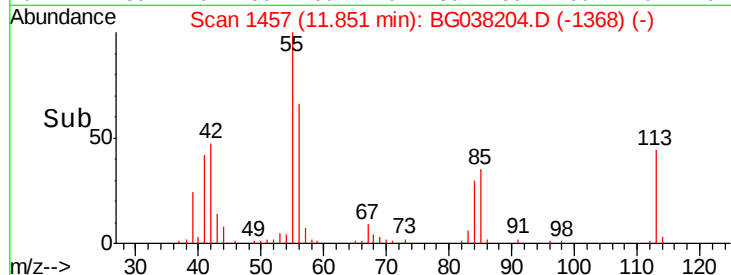
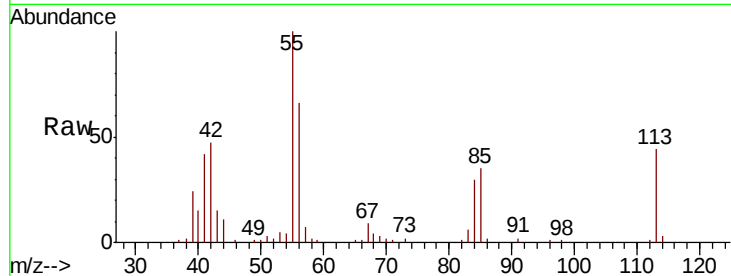




#35
 Caprolactam
 Concen: 37.943 ng
 RT: 11.85 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

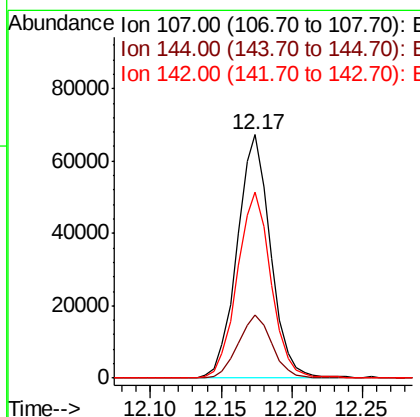
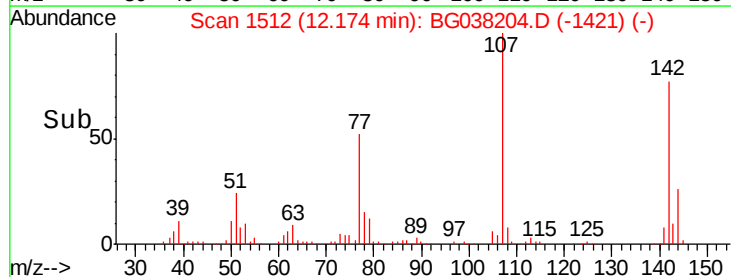
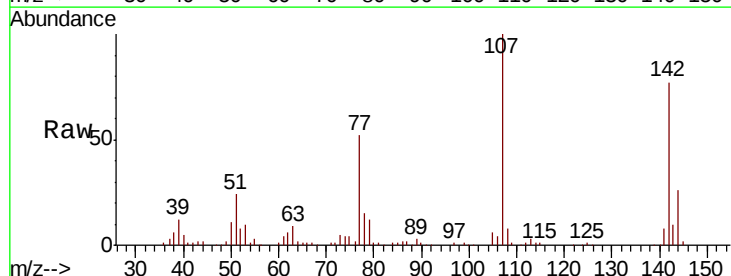
Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

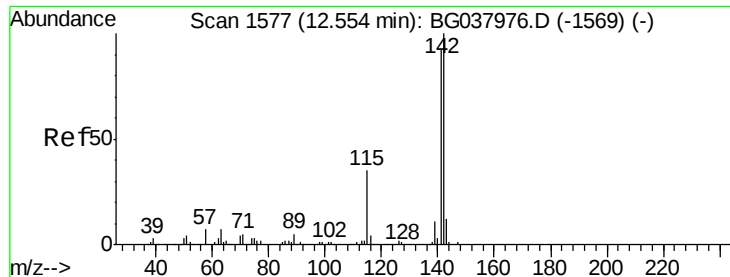
Tgt Ion:113 Resp: 36012
 Ion Ratio Lower Upper
 113 100
 55 227.4 176.6 216.6#
 56 149.5 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.018 ng
 RT: 12.17 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Tgt Ion:107 Resp: 111438
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.7 31.1
 142 76.5 64.4 96.6

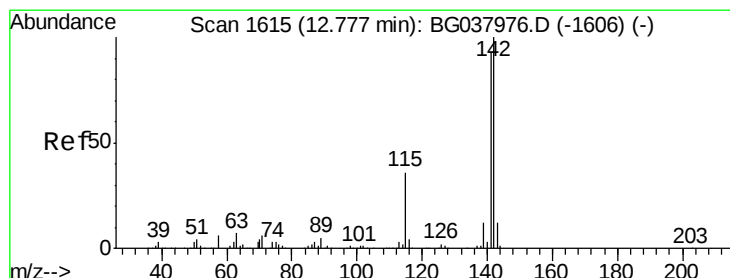
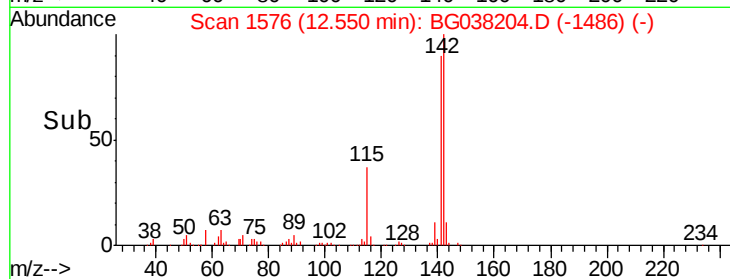
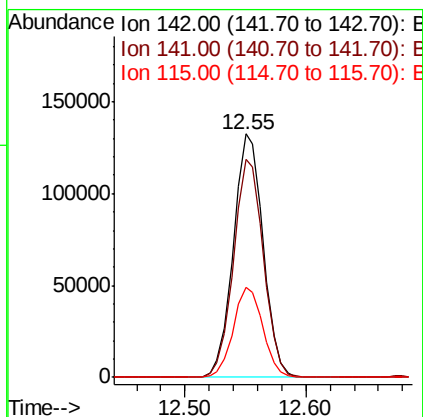
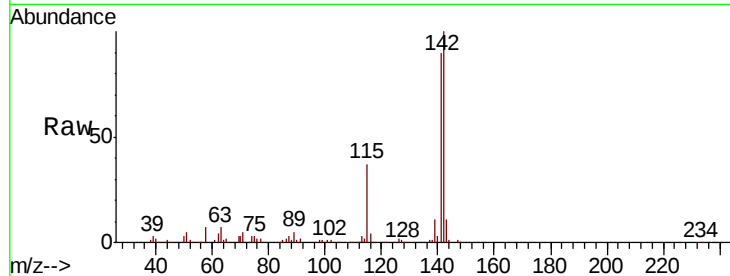




#37
 2-Methylnaphthalene
 Concen: 43.796 ng
 RT: 12.55 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

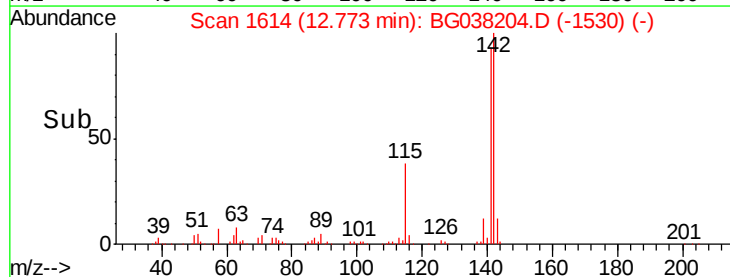
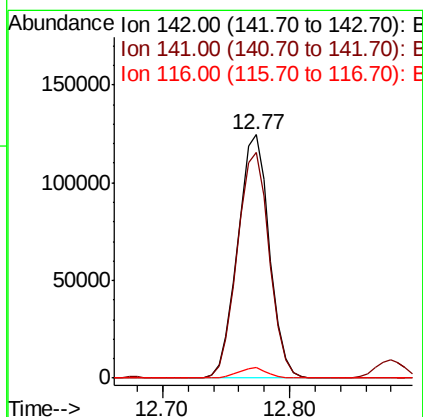
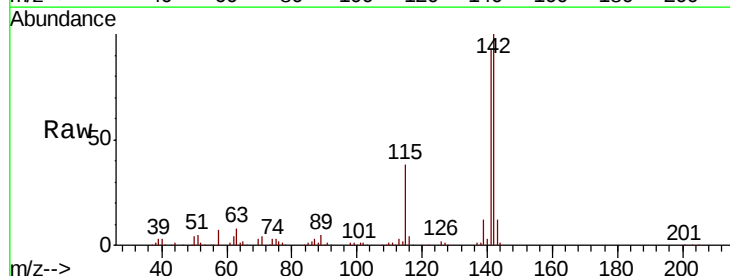
Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

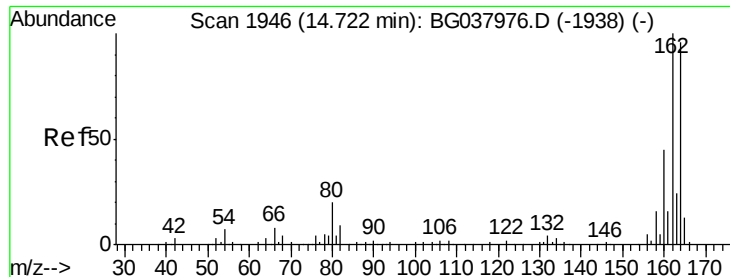
Tgt Ion:142 Resp: 226927
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.9 107.9
 115 37.2 27.8 41.8



#38
 1-Methylnaphthalene
 Concen: 43.054 ng
 RT: 12.77 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Tgt Ion:142 Resp: 214732
 Ion Ratio Lower Upper
 142 100
 141 92.9 75.2 112.8
 116 4.2 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB115117BS

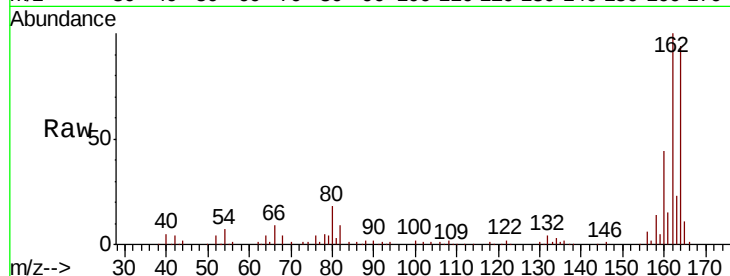
Tgt Ion:164 Resp: 90081

Ion Ratio Lower Upper

164 100

162 106.6 81.3 121.9

160 46.9 36.3 54.5

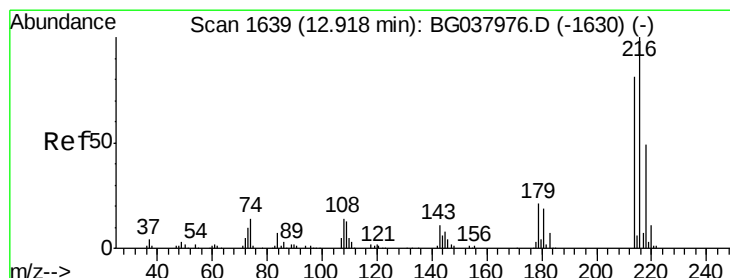
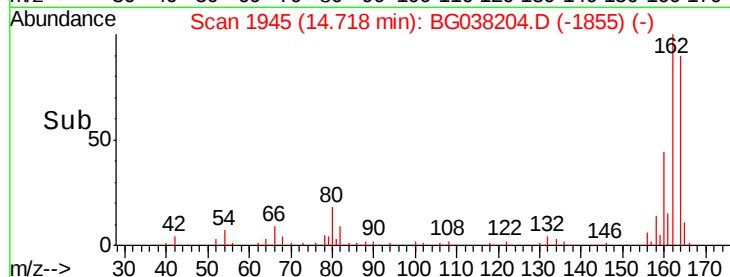
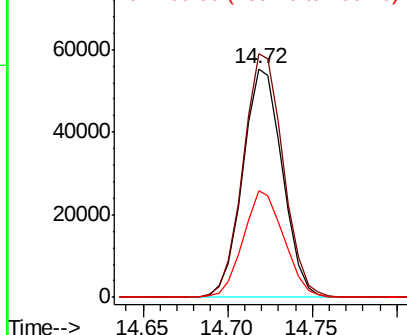


Abundance

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: 39.300 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Tgt Ion:216 Resp: 118297

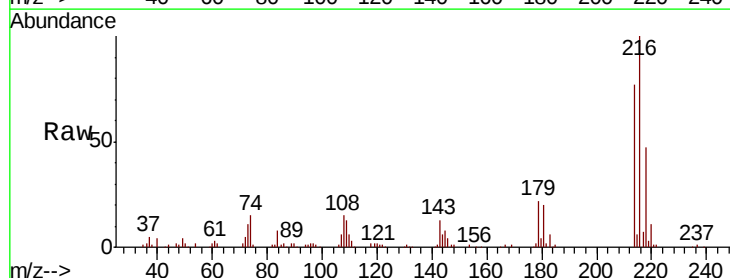
Ion Ratio Lower Upper

216 100

214 78.3 63.8 95.6

179 21.5 17.4 26.0

108 18.8 13.9 20.9



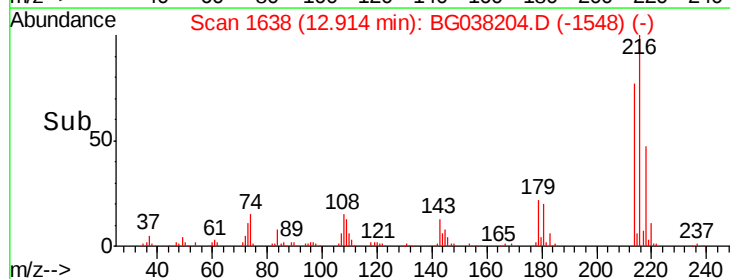
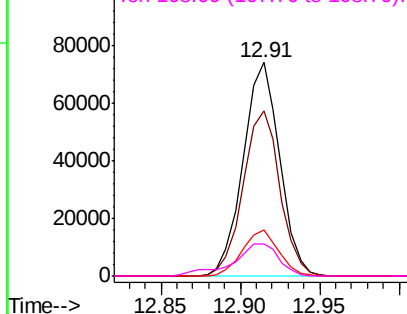
Abundance

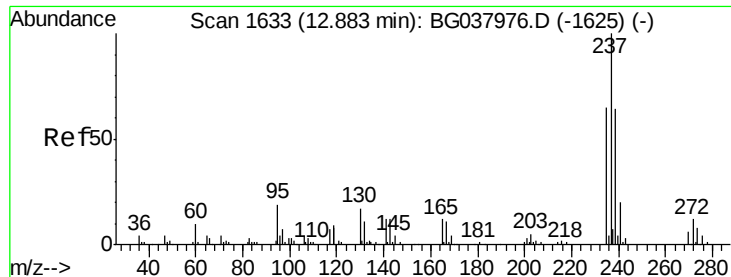
Ion 216.00 (215.70 to 216.70): E

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: 78.412 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB115117BS

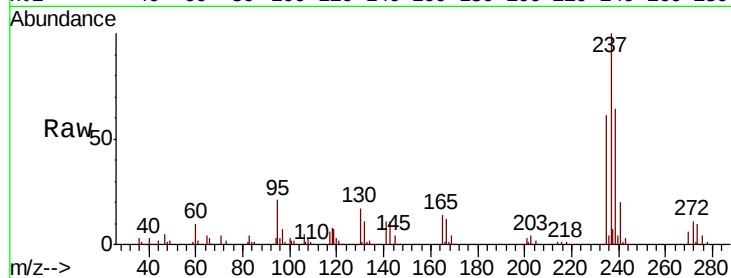
Tgt Ion: 237 Resp: 126387

Ion Ratio Lower Upper

237 100

235 61.1 42.5 82.5

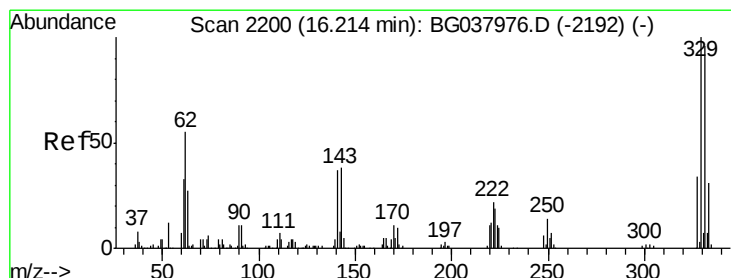
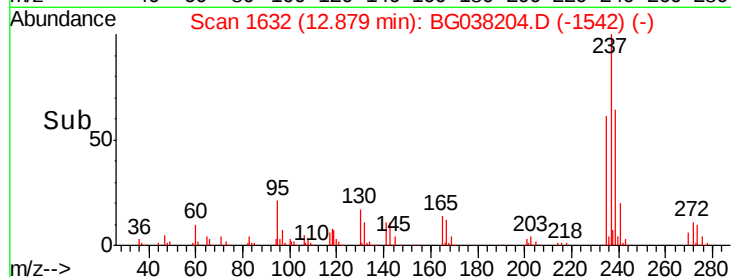
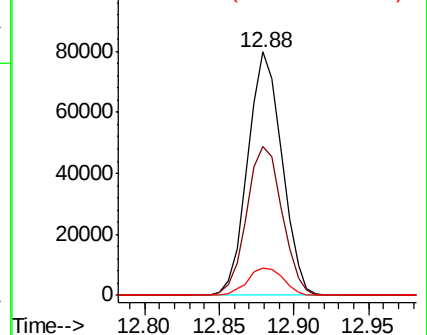
272 11.4 0.0 31.6



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: 127.767 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

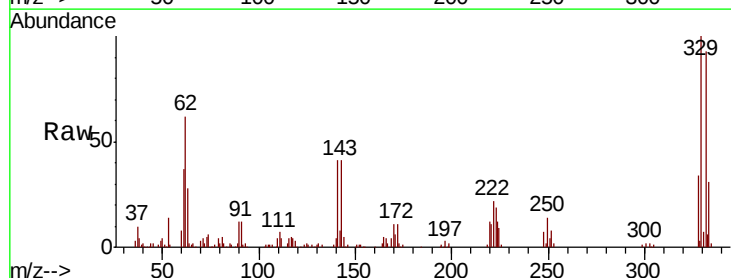
Tgt Ion: 330 Resp: 131262

Ion Ratio Lower Upper

330 100

332 93.9 78.4 117.6

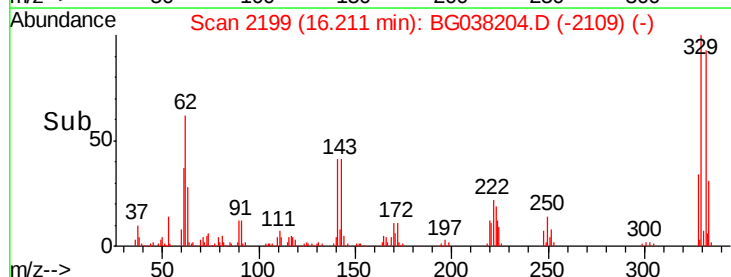
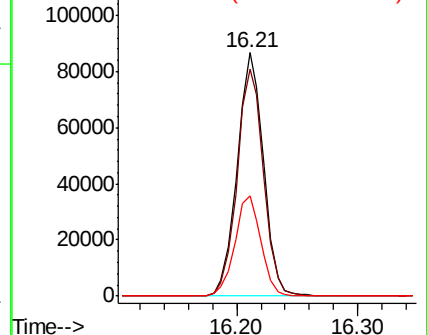
141 40.8 32.2 48.2

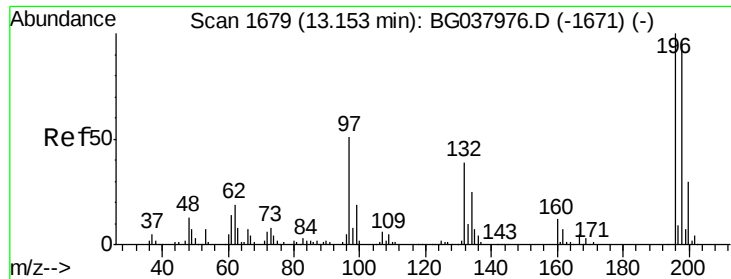


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

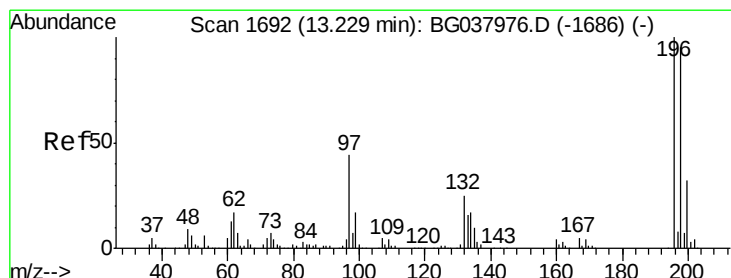
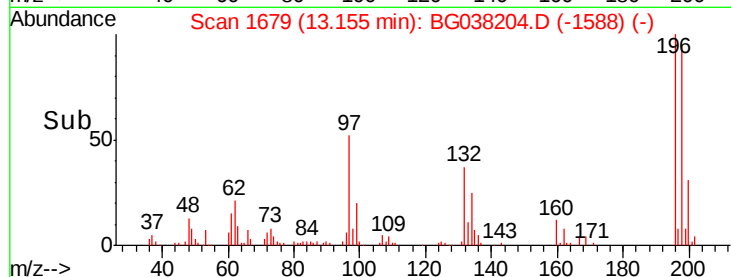
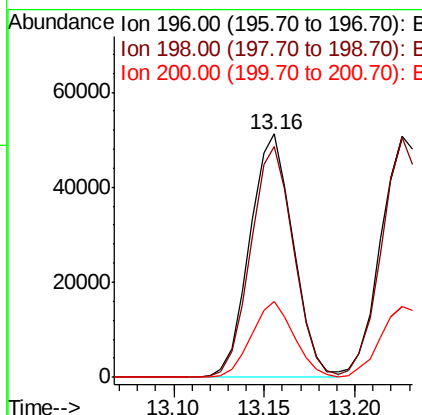
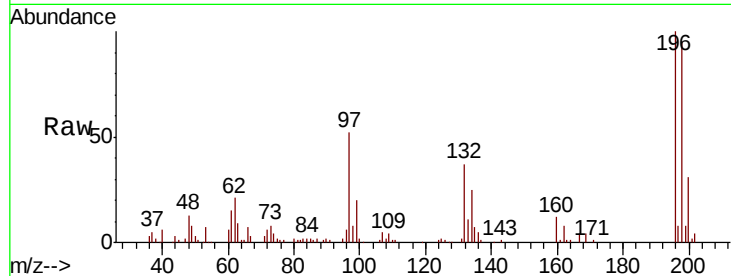




#43
 2,4,6-Trichlorophenol
 Concen: 41.453 ng
 RT: 13.16 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

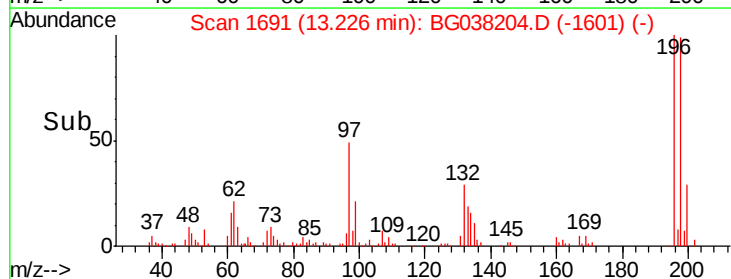
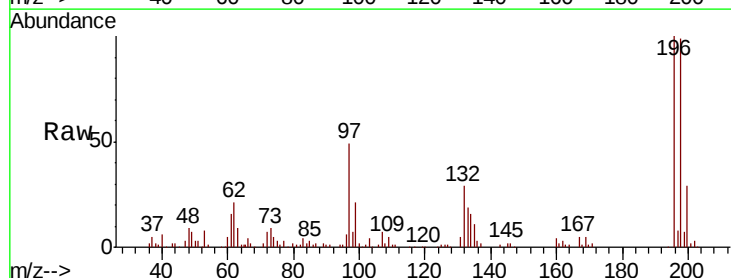
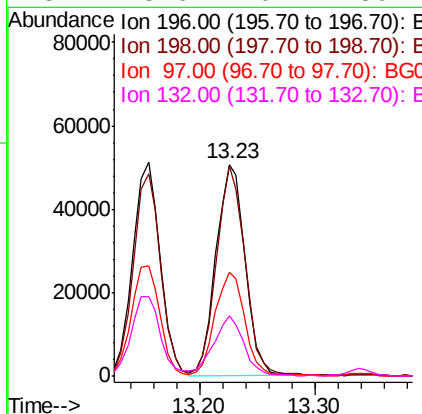
Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

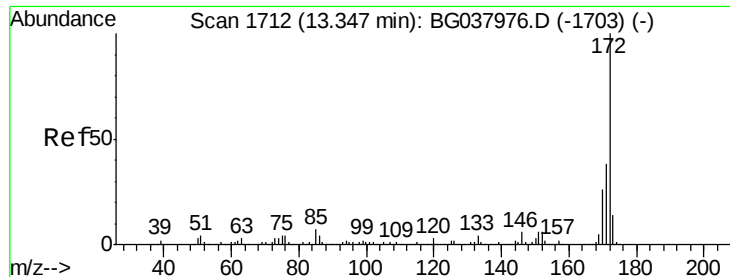
Tgt Ion:196 Resp: 85028
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.4 114.6
 200 31.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.892 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Tgt Ion:196 Resp: 88254
 Ion Ratio Lower Upper
 196 100
 198 99.5 74.2 111.2
 97 48.9 34.1 51.1
 132 28.6 20.2 30.4

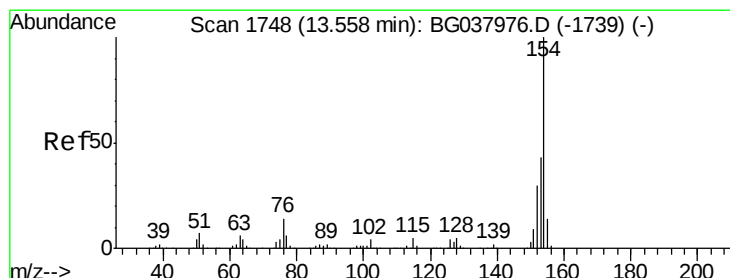
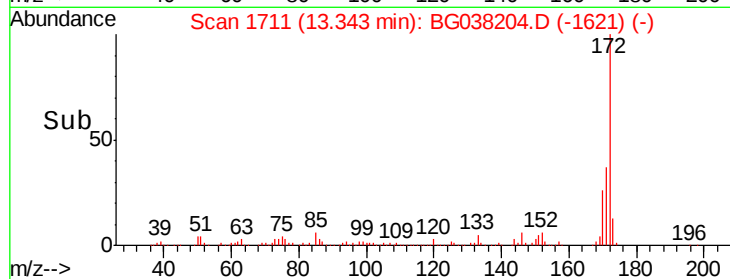
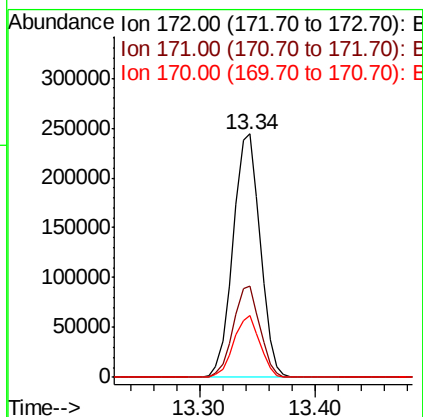
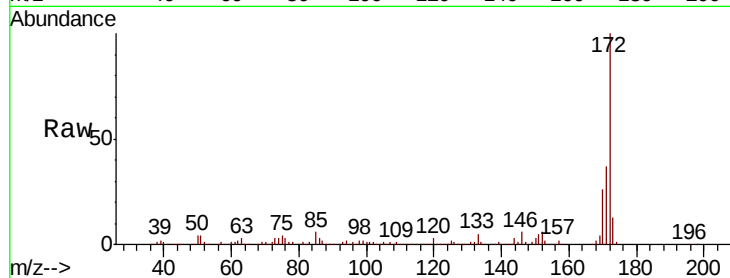




#45
 2-Fluorobiphenyl
 Concen: 64.049 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

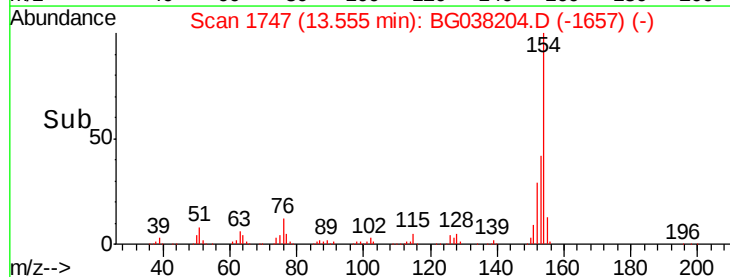
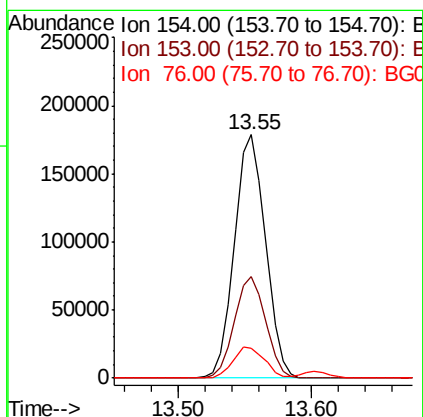
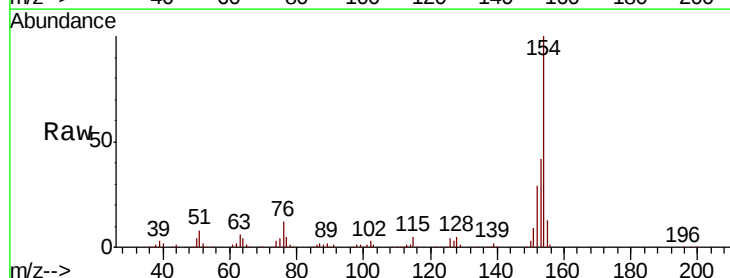
Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

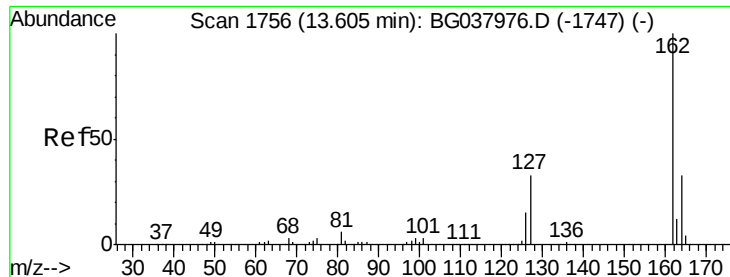
Tgt Ion:172 Resp: 396034
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.0 46.4
 170 25.6 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 38.103 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Tgt Ion:154 Resp: 288358
 Ion Ratio Lower Upper
 154 100
 153 41.5 22.1 62.1
 76 12.4 0.0 33.2

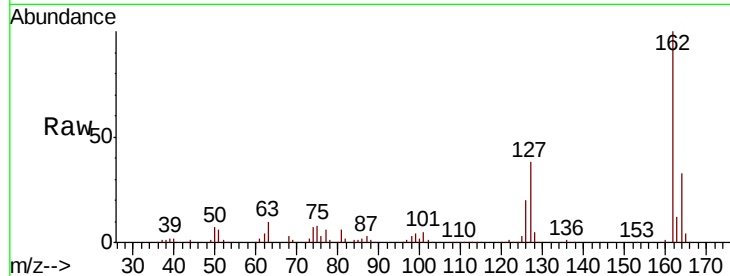




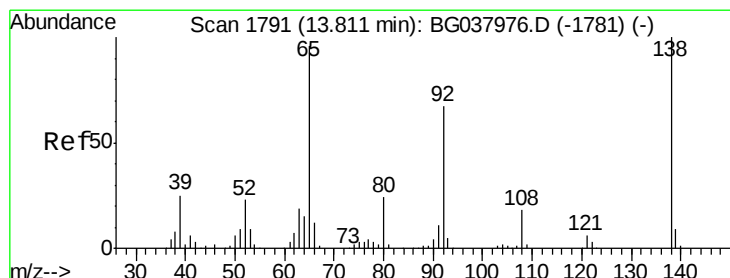
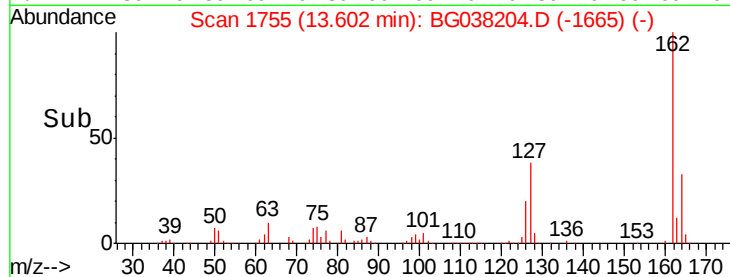
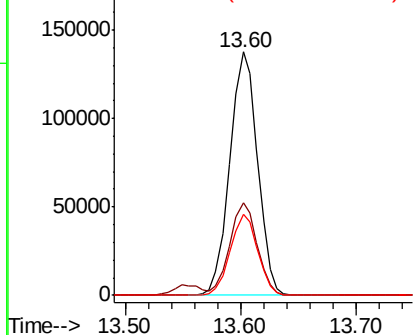
#47
 2-Chloronaphthalene
 Concen: 39.546 ng
 RT: 13.60 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

Tgt Ion: 162 Resp: 228374
 Ion Ratio Lower Upper
 162 100
 127 38.1 30.5 45.7
 164 33.3 26.4 39.6

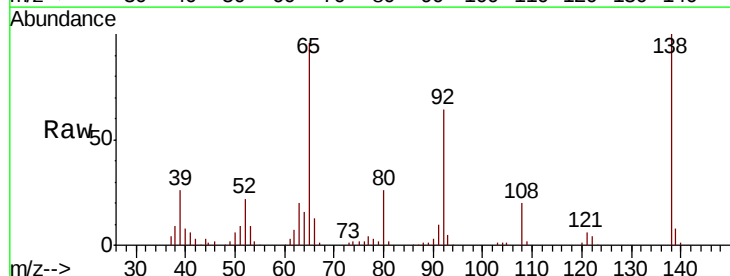


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

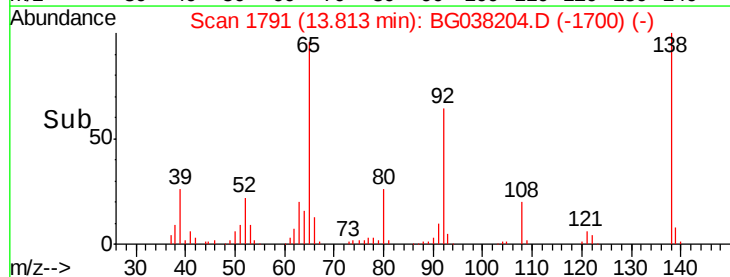
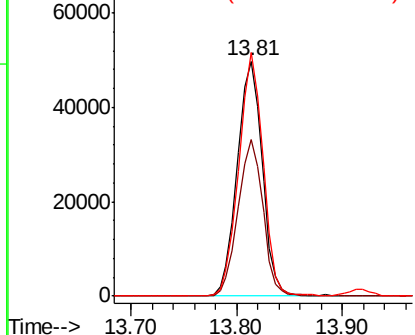


#48
 2-Nitroaniline
 Concen: 44.871 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Tgt Ion: 65 Resp: 81554
 Ion Ratio Lower Upper
 65 100
 92 66.5 53.2 79.8
 138 103.7 79.3 118.9



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





#49

Acenaphthylene

Concen: 43.679 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB115117BS

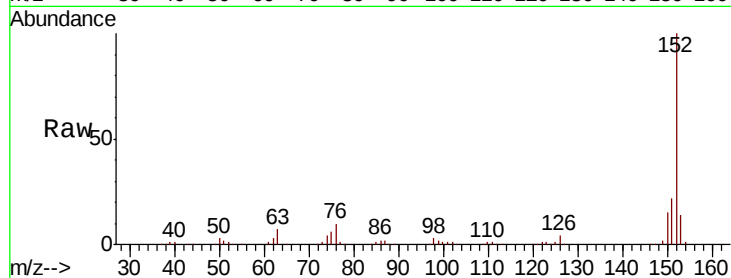
Tgt Ion:152 Resp: 379316

Ion Ratio Lower Upper

152 100

151 21.7 17.1 25.7

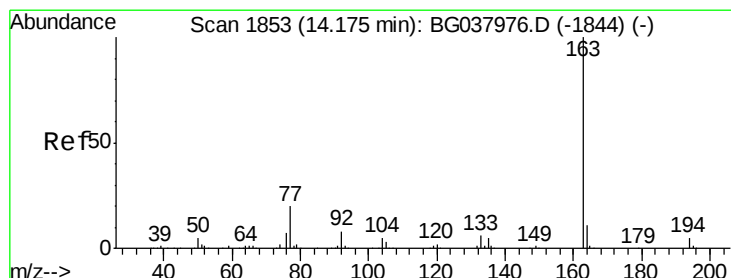
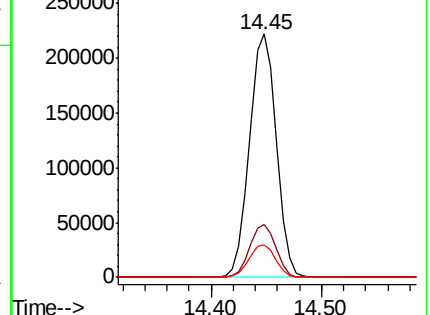
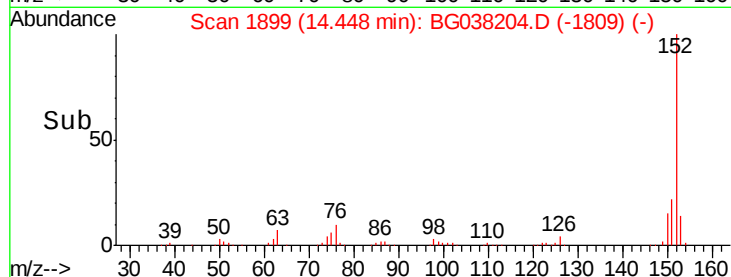
153 13.6 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.347 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

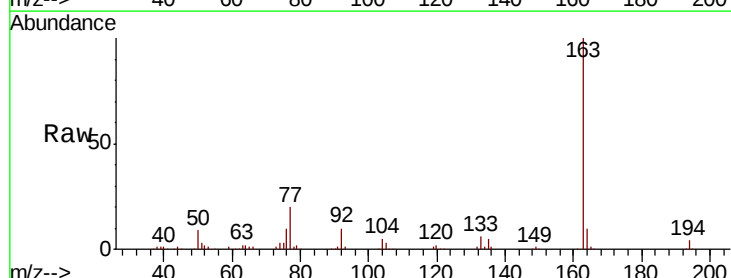
Tgt Ion:163 Resp: 295272

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

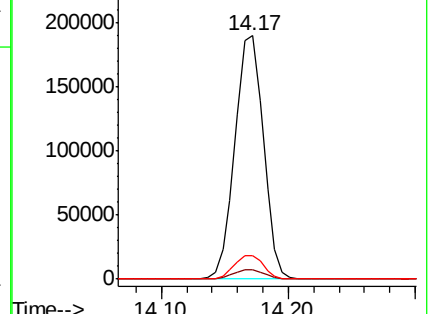
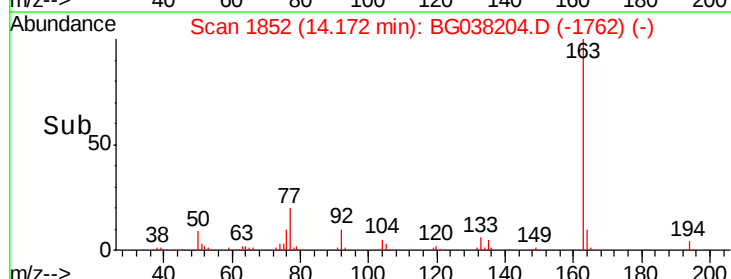
164 9.7 8.5 12.7

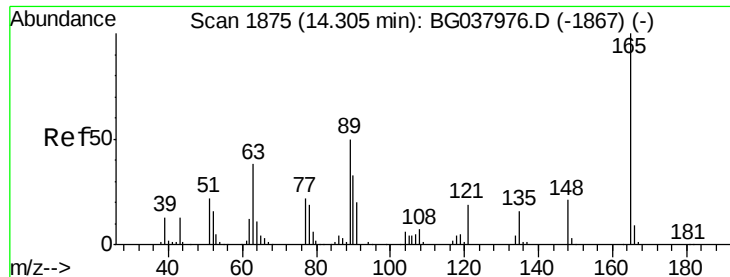


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.999 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB115117BS

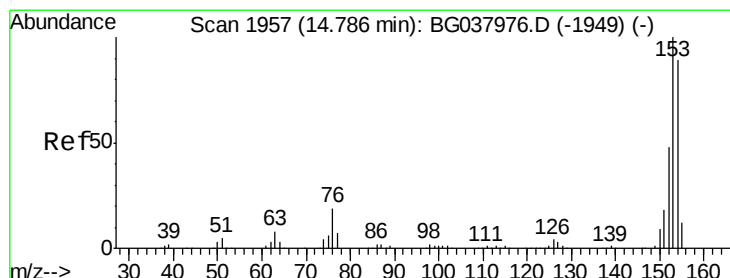
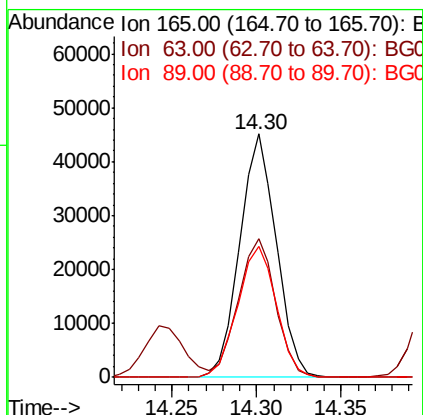
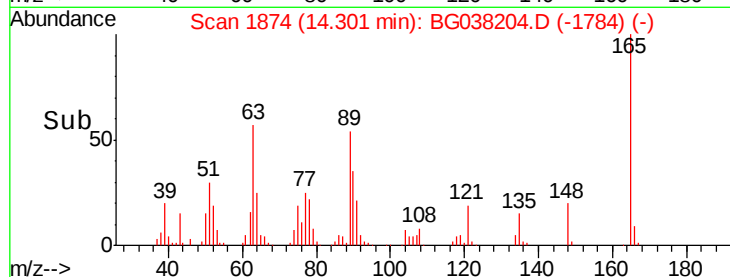
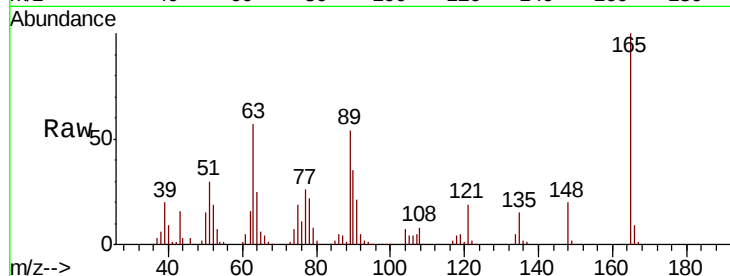
Tgt Ion:165 Resp: 67883

Ion Ratio Lower Upper

165 100

63 56.7 43.4 65.2

89 53.9 45.8 68.6



#52

Acenaphthene

Concen: 41.298 ng

RT: 14.79 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

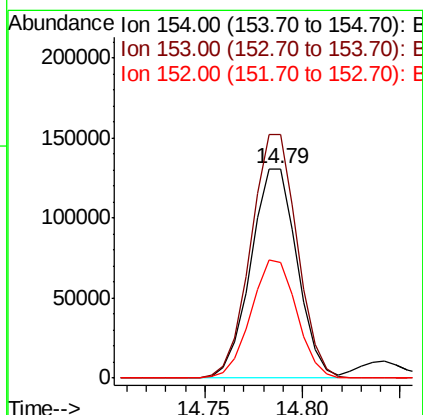
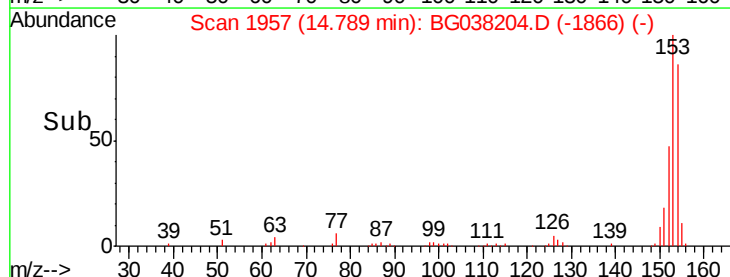
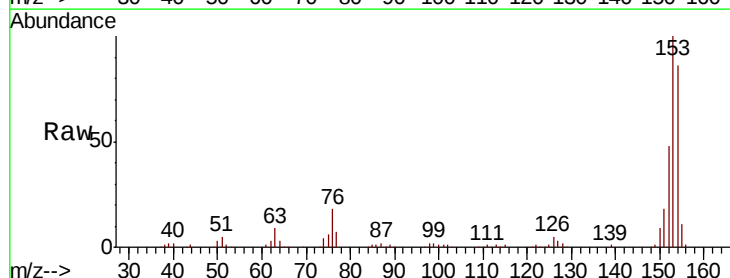
Tgt Ion:154 Resp: 215911

Ion Ratio Lower Upper

154 100

153 116.1 93.4 140.0

152 55.5 44.7 67.1

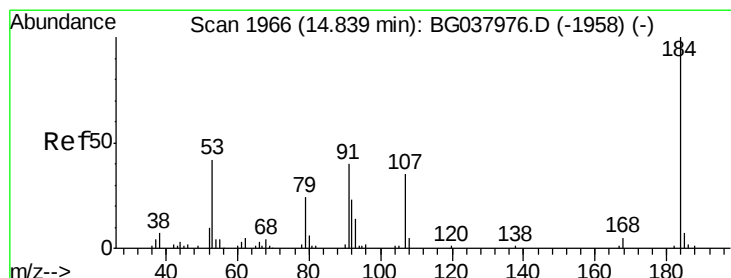
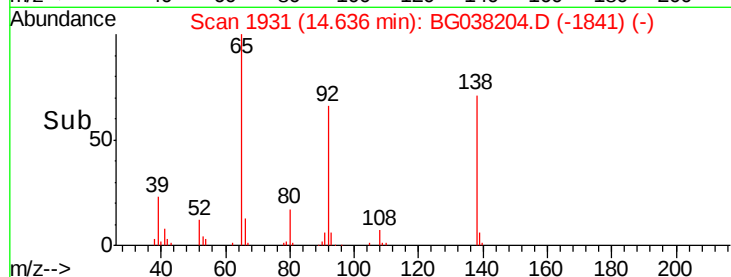
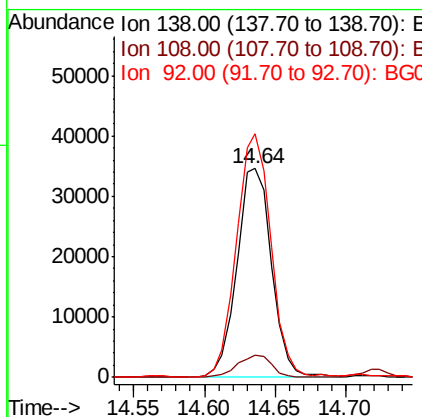
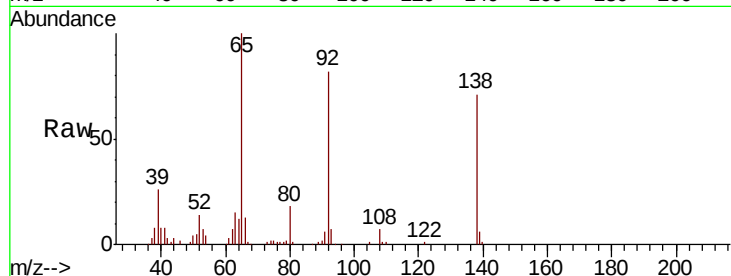




#53
3-Nitroaniline
Concen: 33.454 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

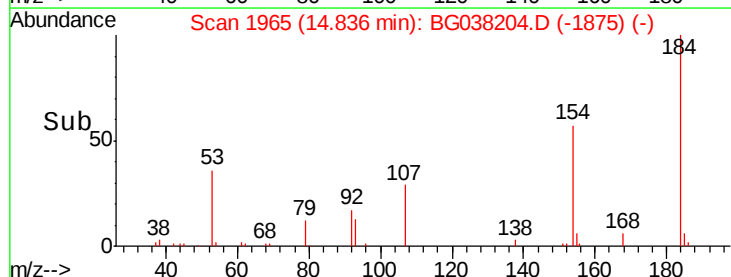
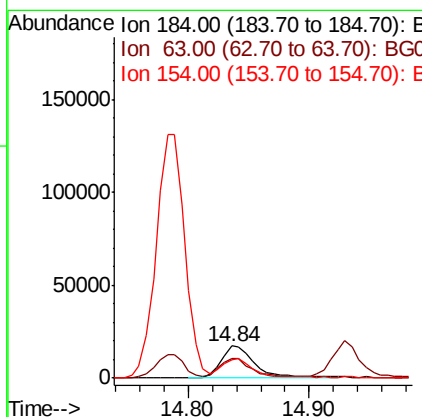
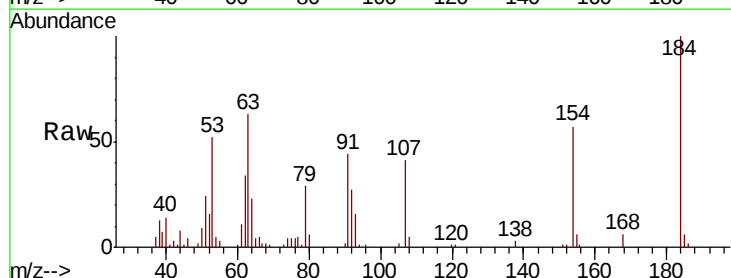
Instrument :
BNA_G
ClientSampleId :
PB115117BS

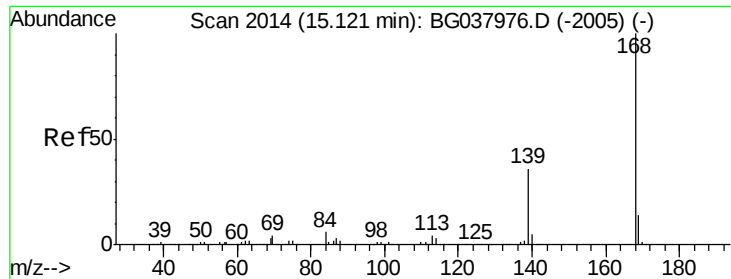
Tgt Ion:138 Resp: 59665
Ion Ratio Lower Upper
138 100
108 10.5 11.0 16.6#
92 116.7 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 43.224 ng
RT: 14.84 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion:184 Resp: 33493
Ion Ratio Lower Upper
184 100
63 62.6 42.6 63.8
154 57.1 41.8 62.6

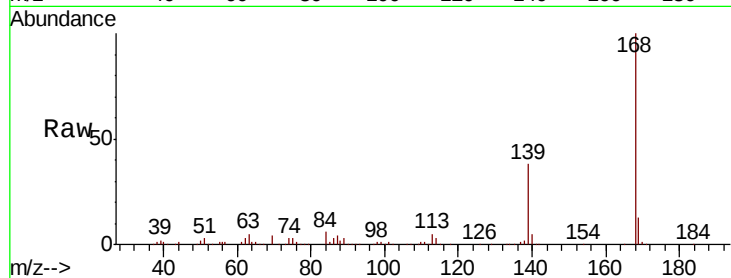




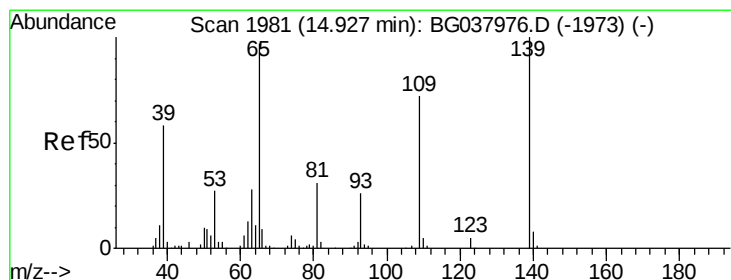
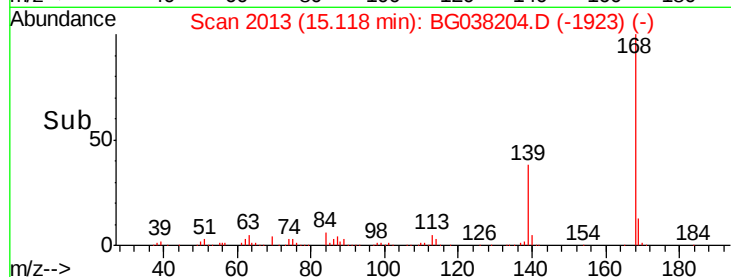
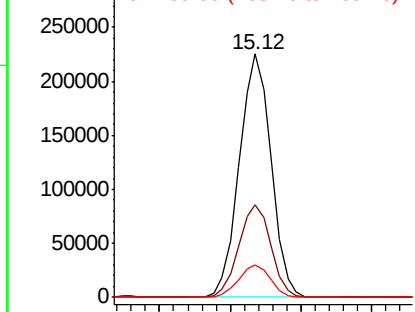
#55
Dibenzofuran
Concen: 40.997 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tgt Ion:168 Resp: 354411
Ion Ratio Lower Upper
168 100
139 37.9 29.4 44.0
169 13.4 11.0 16.6

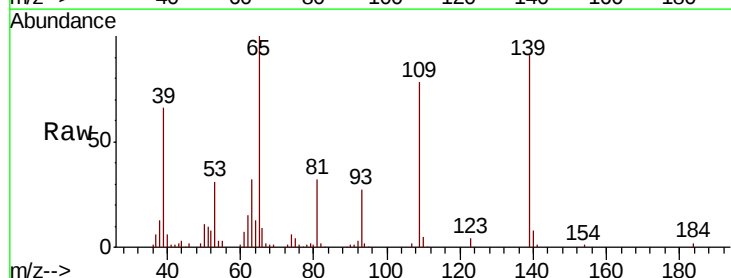


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

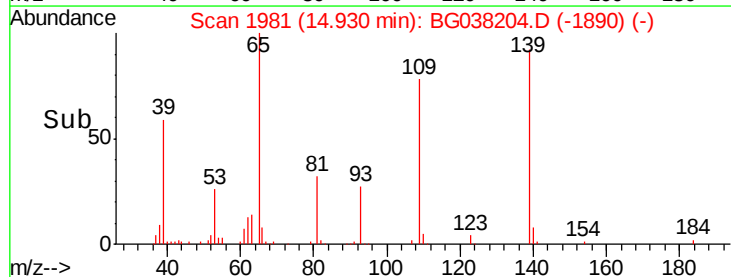
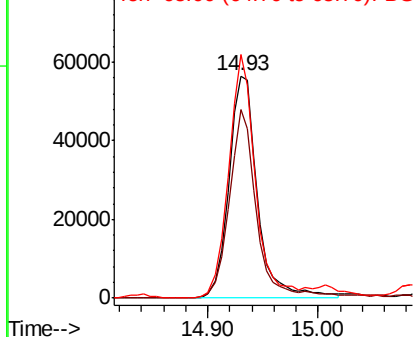


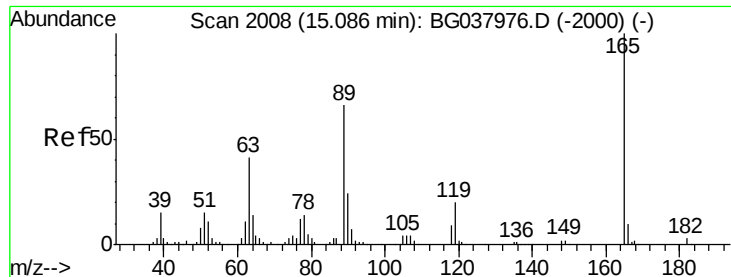
#56
4-Nitrophenol
Concen: 74.502 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion:139 Resp: 102480
Ion Ratio Lower Upper
139 100
109 85.1 49.5 89.5
65 109.7 76.8 116.8



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

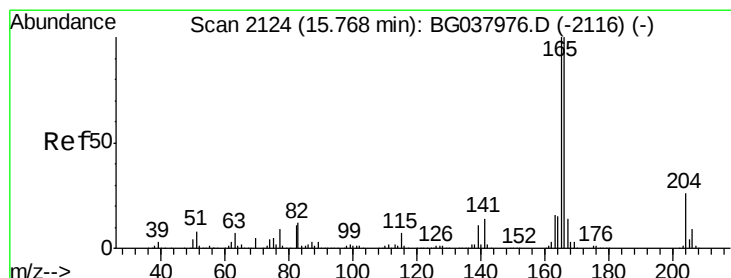
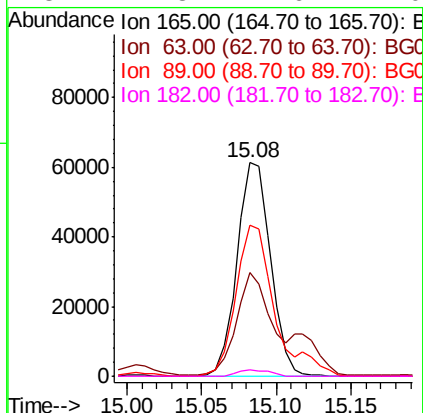
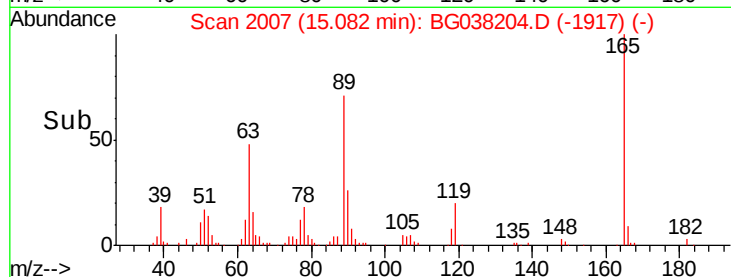
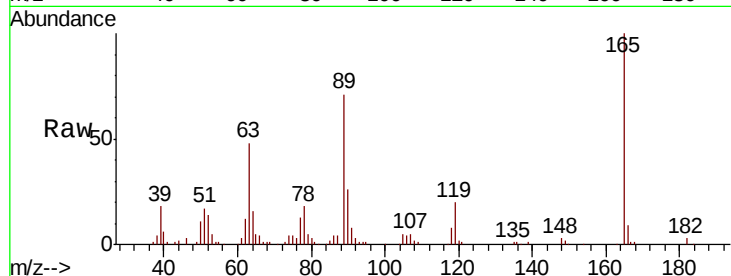




#57
2,4-Dinitrotoluene
Concen: 43.596 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

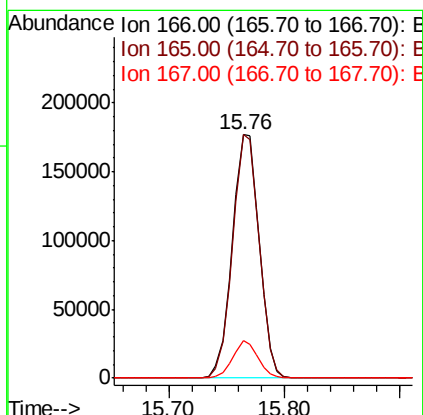
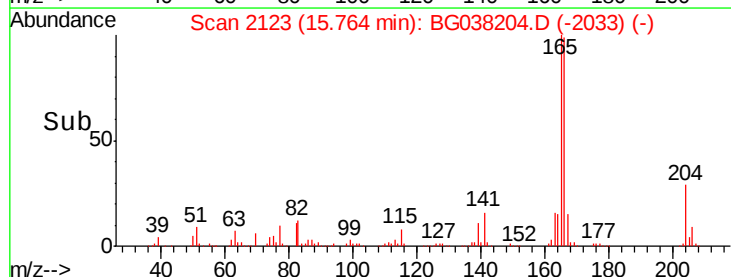
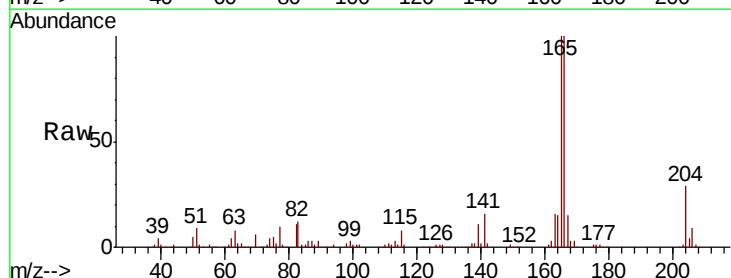
Instrument :
BNA_G
ClientSampleId :
PB115117BS

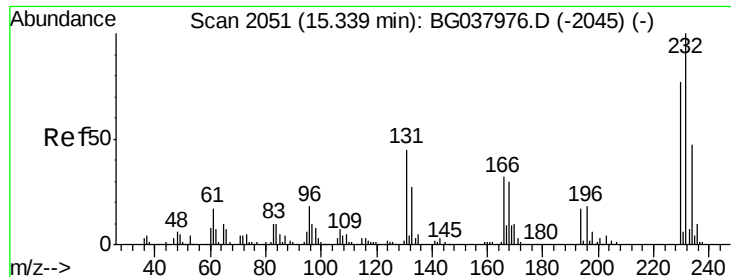
Tgt Ion:	165	Resp:	95873
Ion	Ratio	Lower	Upper
165	100		
63	48.4	33.4	50.0
89	70.7	57.2	85.8
182	2.8	2.6	4.0



#58
Fluorene
Concen: 44.188 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion:	166	Resp:	285017
Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.0	118.6
167	15.2	11.3	16.9

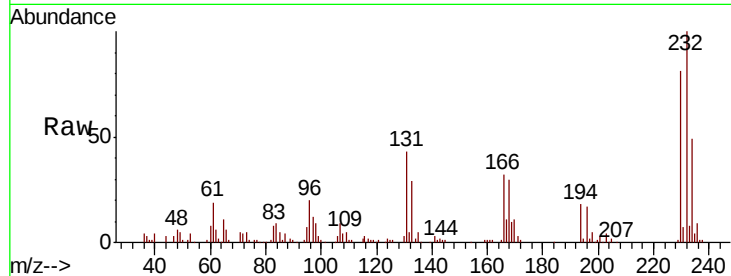




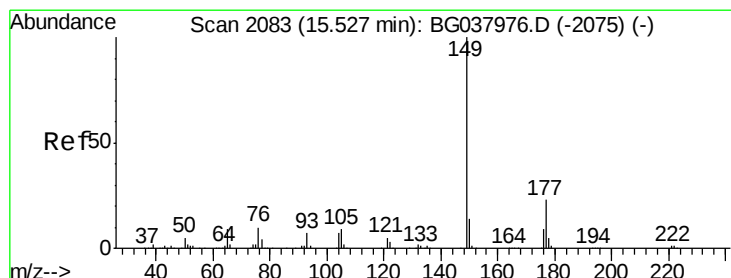
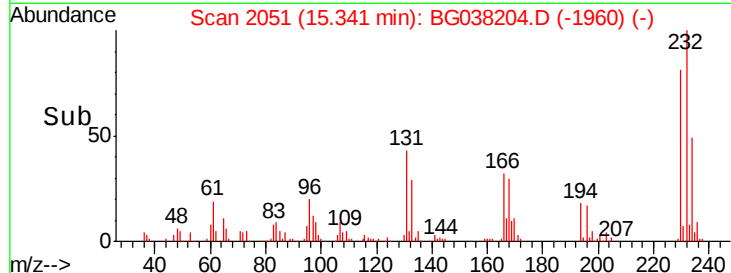
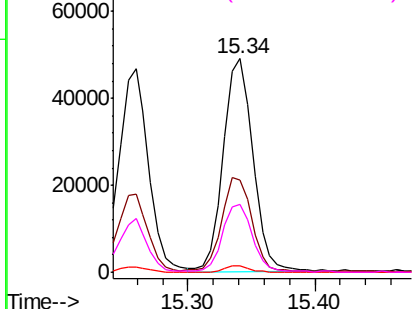
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.881 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

Tgt Ion: 232 Resp: 79247
 Ion Ratio Lower Upper
 232 100
 131 44.6 33.7 50.5
 130 2.6 2.1 3.1
 166 32.4 24.6 36.8

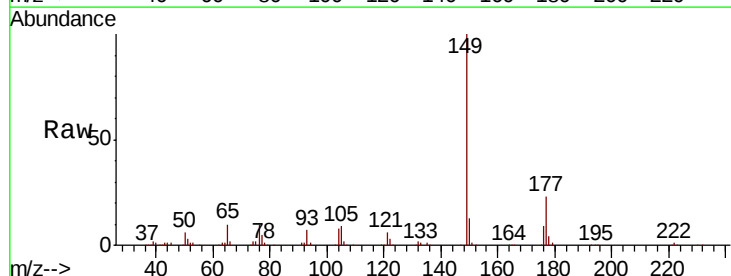


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

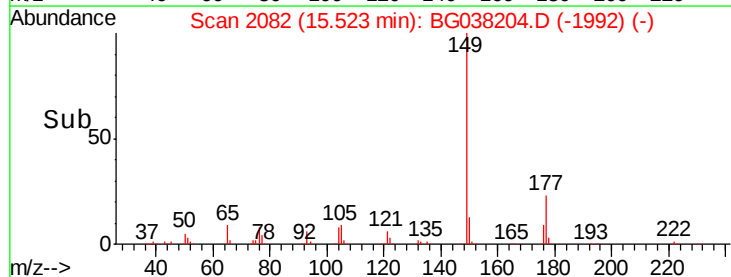
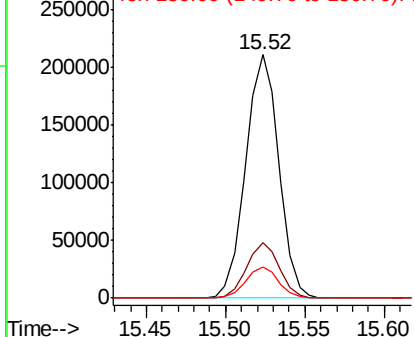


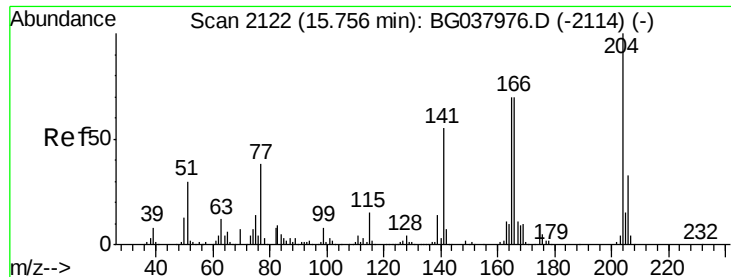
#60
 Diethylphthalate
 Concen: 40.373 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Tgt Ion: 149 Resp: 306242
 Ion Ratio Lower Upper
 149 100
 177 22.6 18.3 27.5
 150 12.6 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

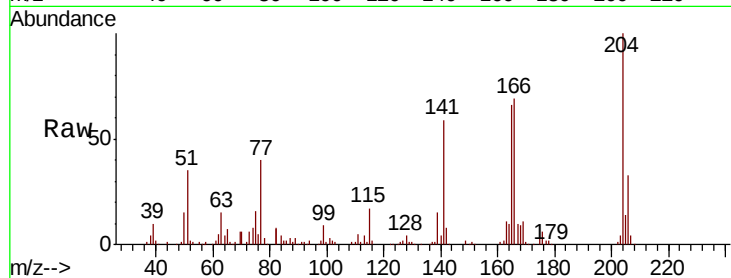




#61
 4-Chlorophenyl-phenylether
 Concen: 39.287 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	59.5	45.4	68.2

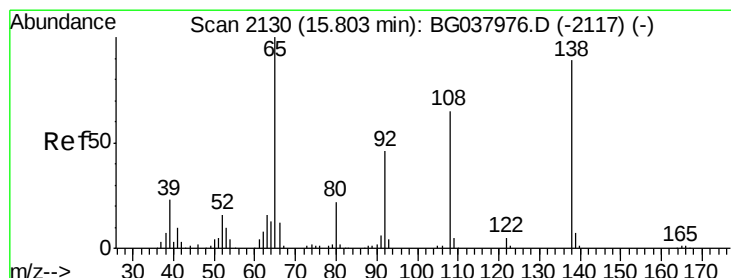
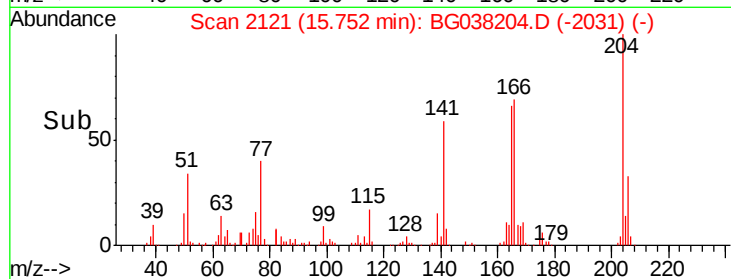
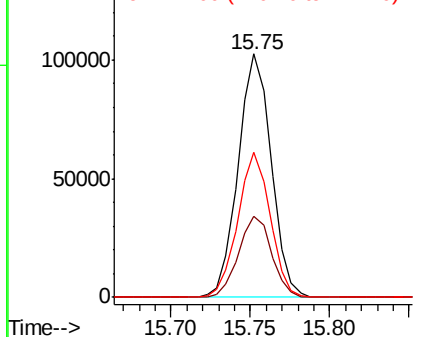


Abundance

Ion 204.00 (203.70 to 204.70): E

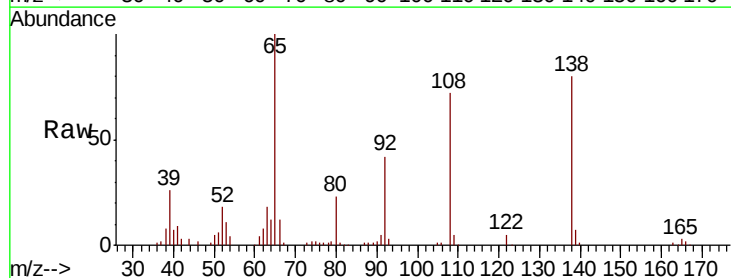
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 41.882 ng
 RT: 15.80 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.9	36.4	76.4
108	90.4	60.1	100.1

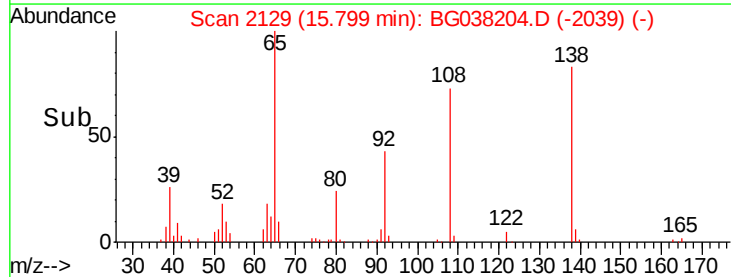
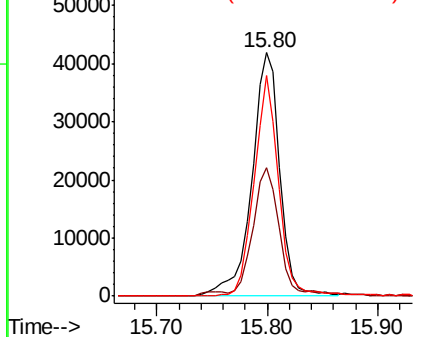


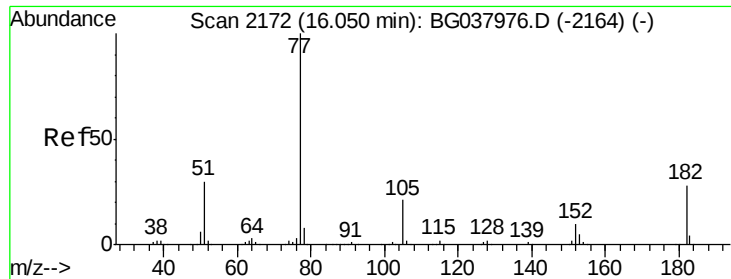
Abundance

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: 42.275 ng

RT: 16.05 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB115117BS

Tgt Ion: 77 Resp: 286712

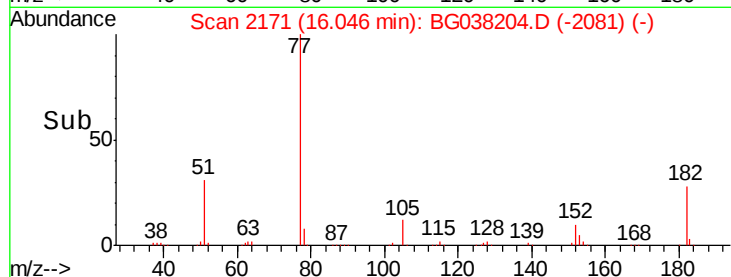
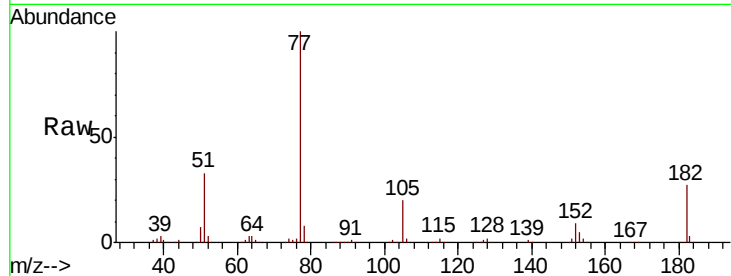
Ion Ratio Lower Upper

77 100

182 26.5 8.0 48.0

105 19.7 1.3 41.3

51 32.5 10.7 50.7

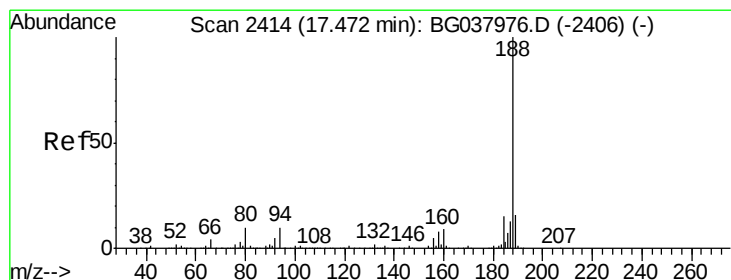
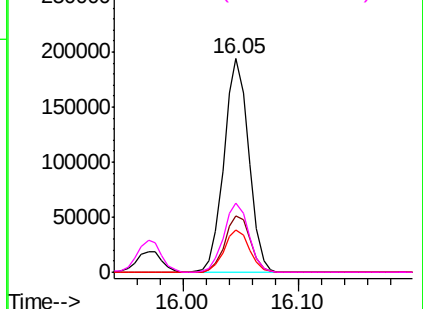


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

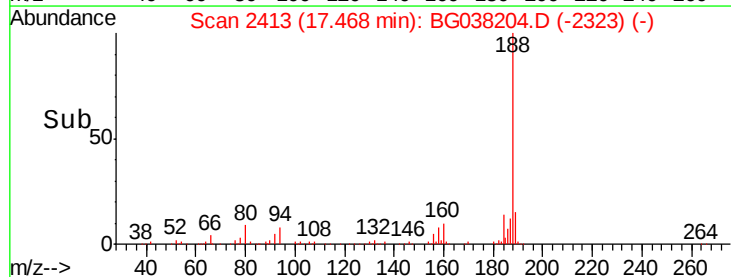
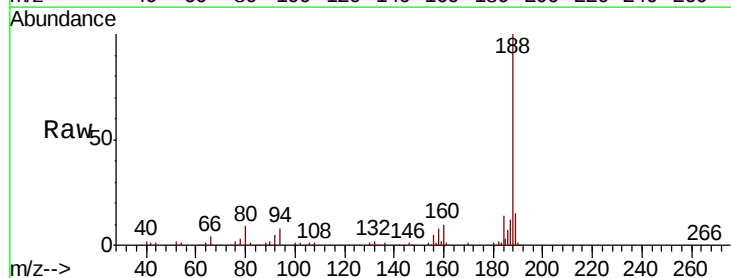
Tgt Ion: 188 Resp: 212184

Ion Ratio Lower Upper

188 100

94 7.9 7.2 10.8

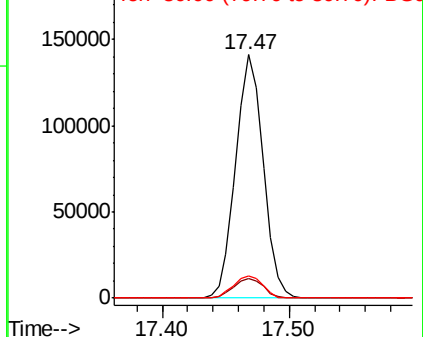
80 8.9 7.7 11.5

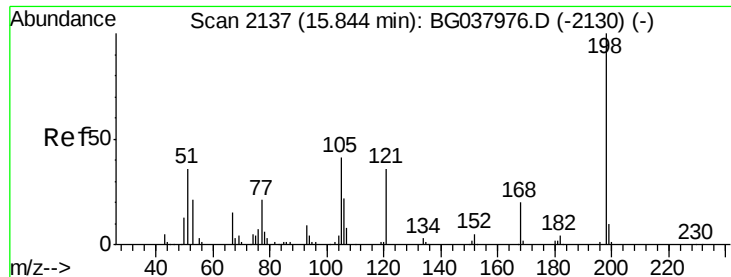


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 30.837 ng

RT: 15.85 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB115117BS

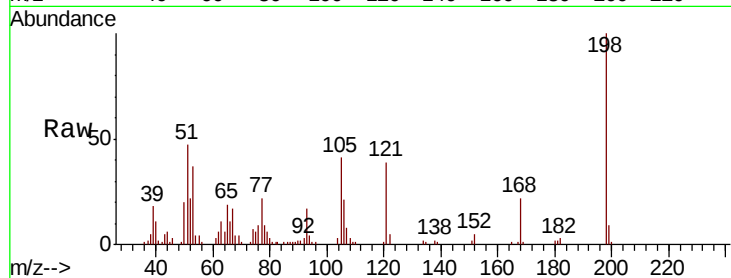
Tgt Ion:198 Resp: 41386

Ion Ratio Lower Upper

198 100

51 46.6 22.7 62.7

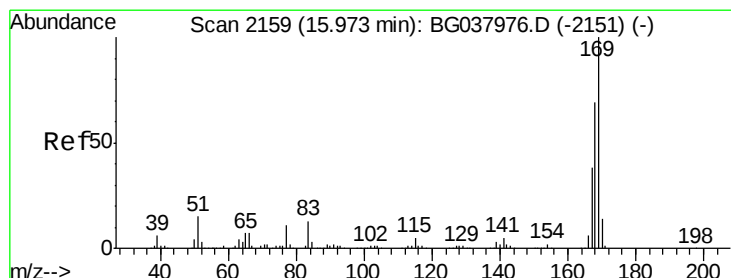
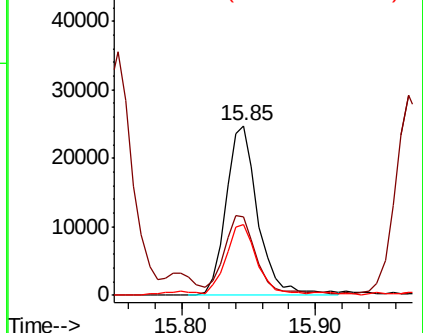
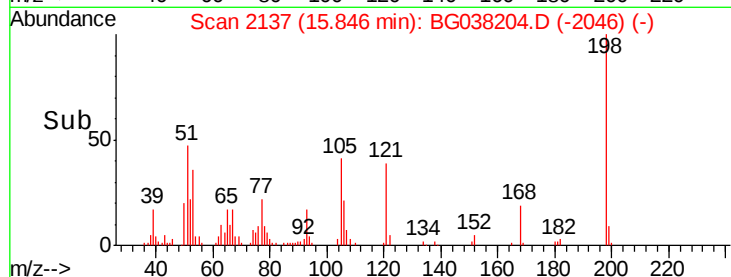
105 41.3 19.7 59.7



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: 40.060 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

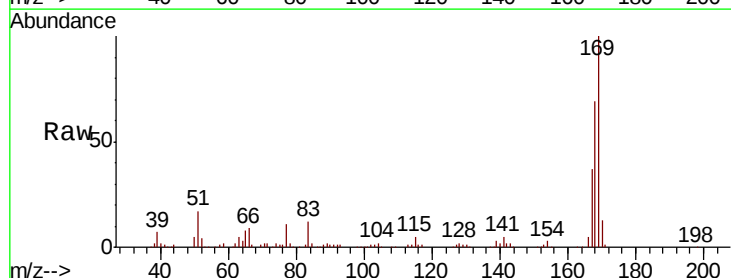
Tgt Ion:169 Resp: 257152

Ion Ratio Lower Upper

169 100

168 69.5 55.7 83.5

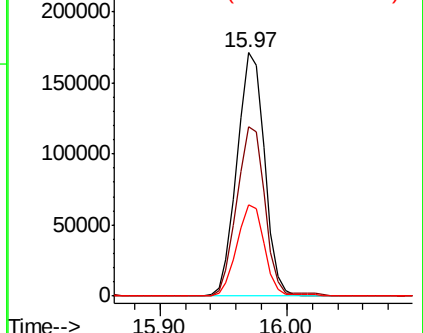
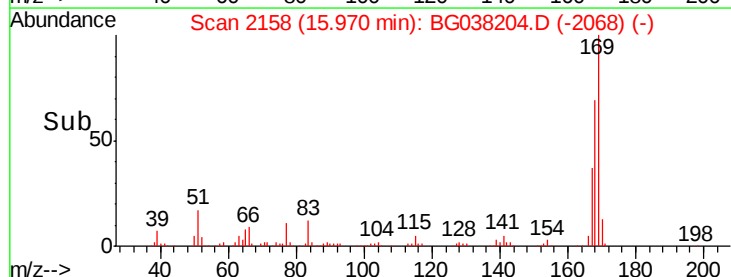
167 37.3 31.3 46.9

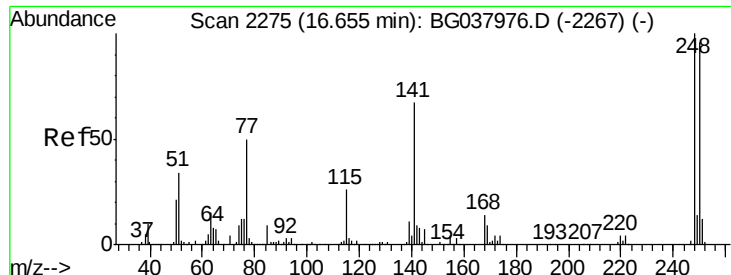


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

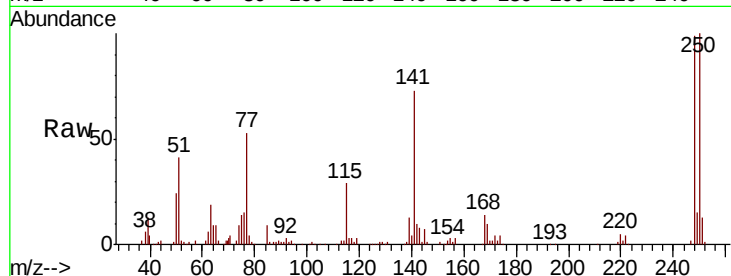




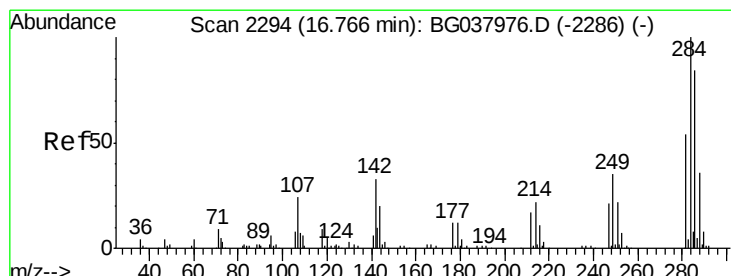
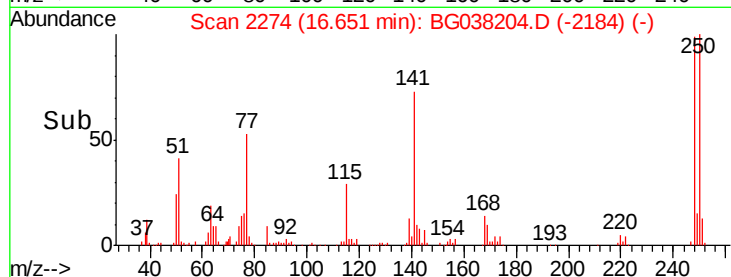
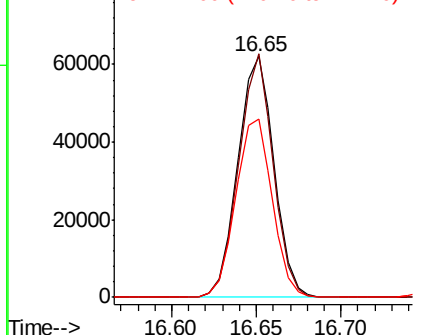
#67
4-Bromophenyl-phenylether
Concen: 39.604 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tgt Ion:248 Resp: 92235
Ion Ratio Lower Upper
248 100
250 101.1 77.0 115.6
141 73.9 55.5 83.3

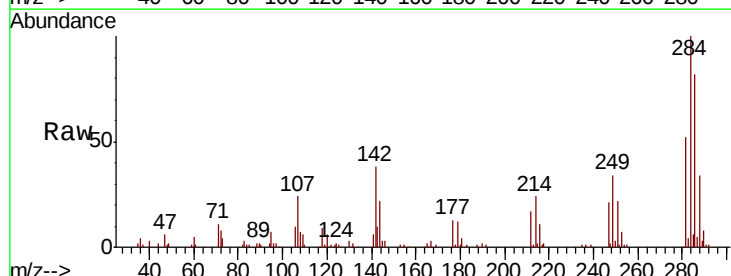


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

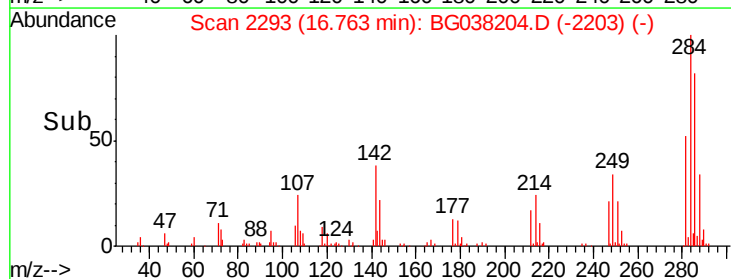
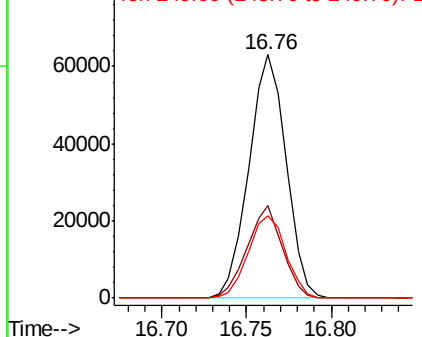


#68
Hexachlorobenzene
Concen: 40.212 ng
RT: 16.76 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion:284 Resp: 96665
Ion Ratio Lower Upper
284 100
142 38.1 28.1 42.1
249 37.0 29.8 44.8



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: 40.443 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB115117BS

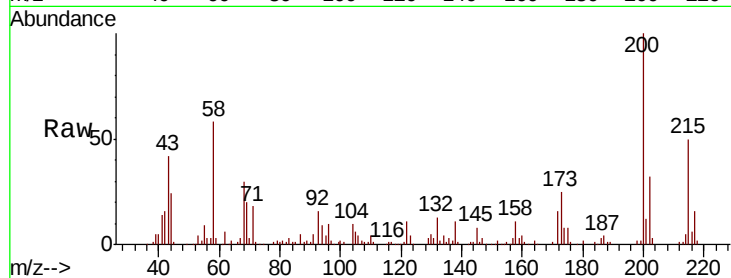
Tgt Ion:200 Resp: 95701

Ion Ratio Lower Upper

200 100

173 25.2 6.1 46.1

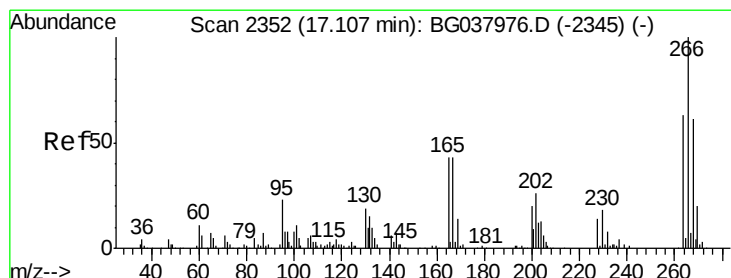
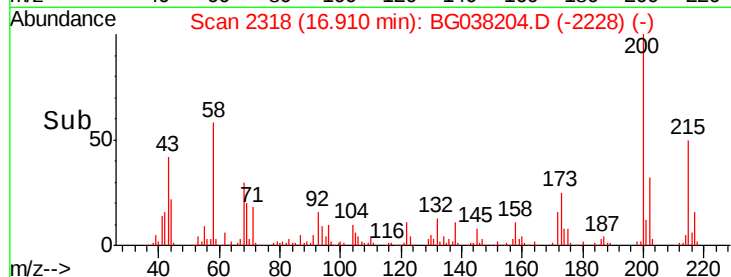
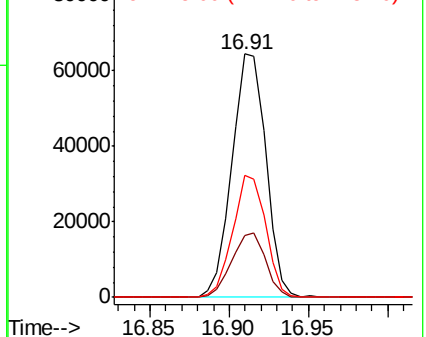
215 50.1 30.8 70.8



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: 62.212 ng

RT: 17.11 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

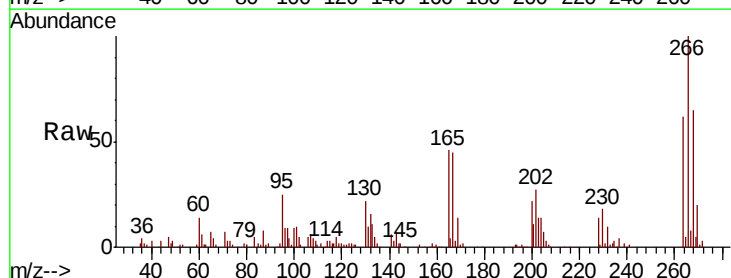
Tgt Ion:266 Resp: 101569

Ion Ratio Lower Upper

266 100

268 70.1 55.0 82.6

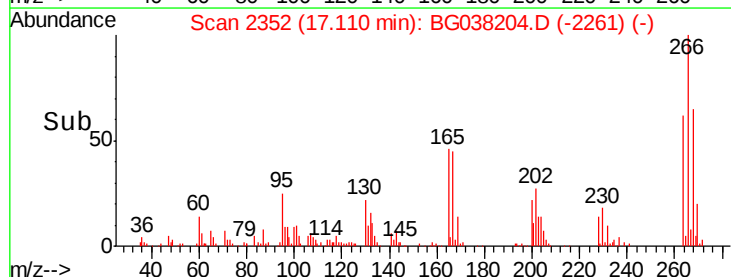
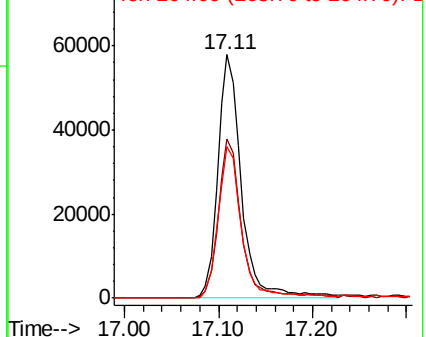
264 67.5 58.9 88.3

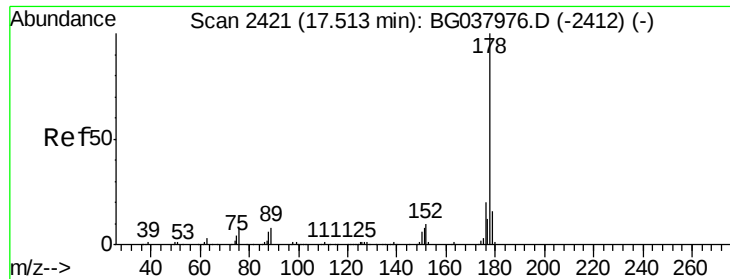


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

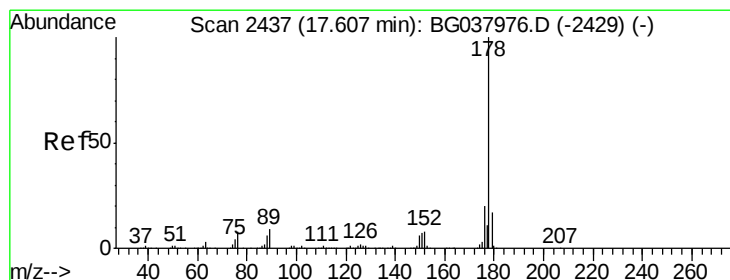
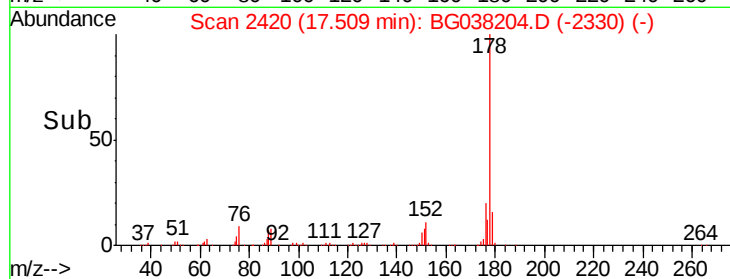
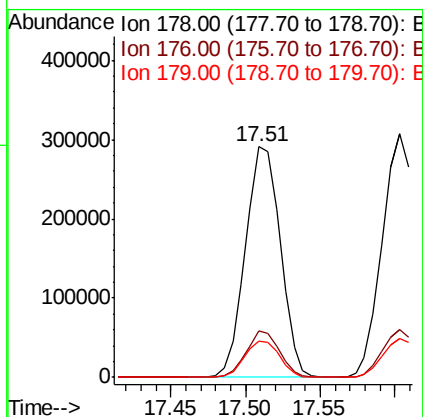
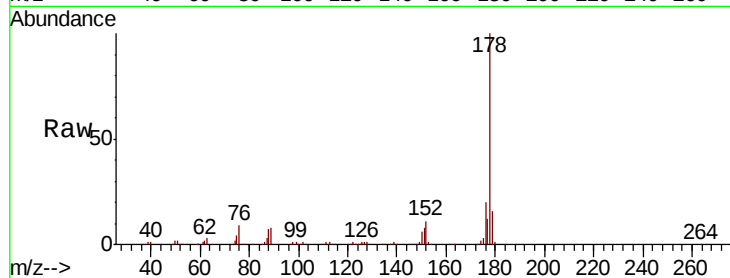




#71
Phenanthrene
Concen: 43.453 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

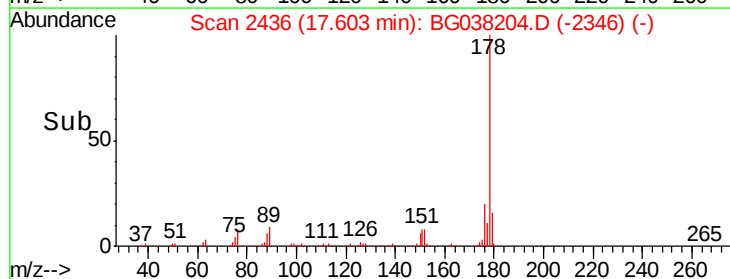
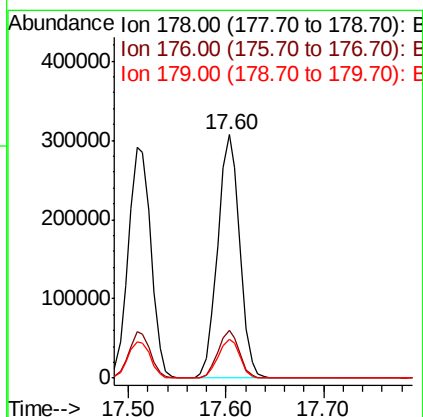
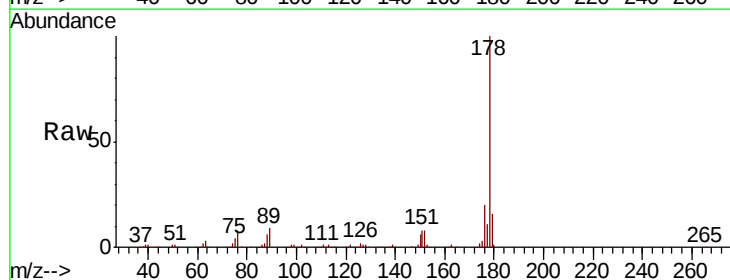
Instrument :
BNA_G
ClientSampleId :
PB115117BS

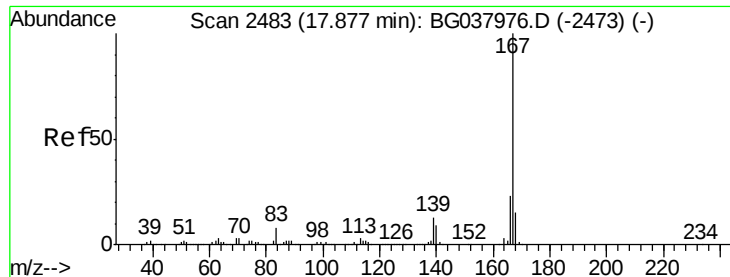
Tgt Ion:178 Resp: 472050
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 15.9 13.0 19.4



#72
Anthracene
Concen: 44.634 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion:178 Resp: 477970
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.4
179 16.0 12.8 19.2

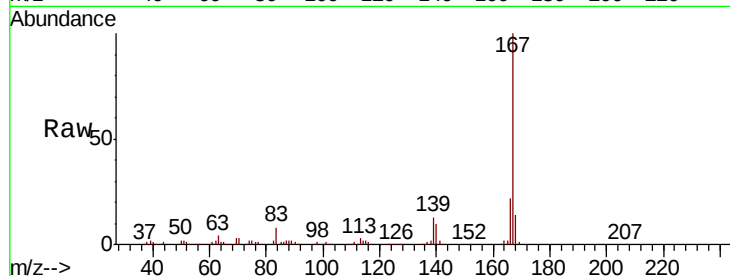




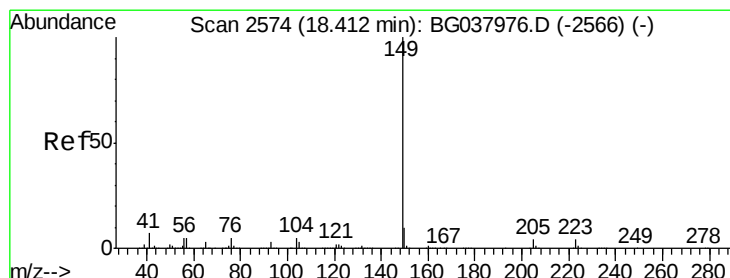
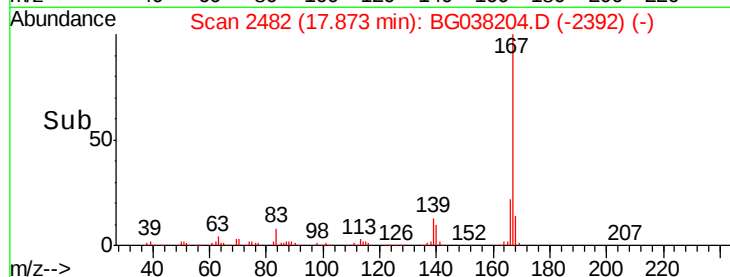
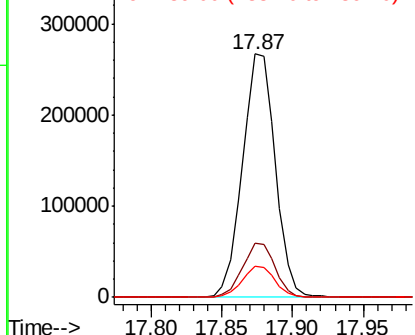
#73
 Carbazole
 Concen: 40.524 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

Tgt Ion:167 Resp: 435382
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.3 27.5
 139 12.7 10.5 15.7

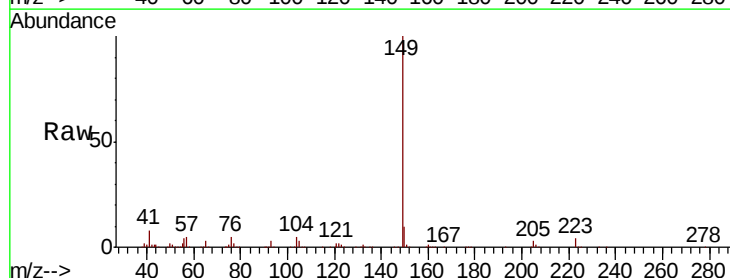


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

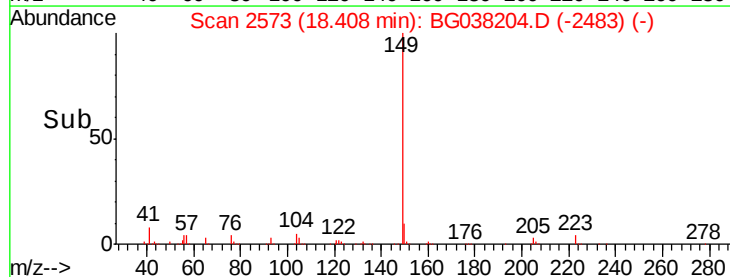
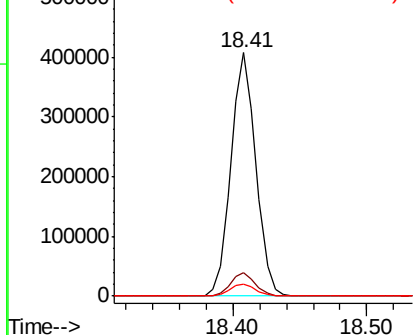


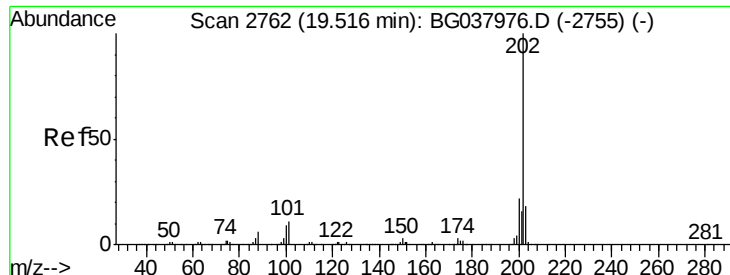
#74
 Di-n-butylphthalate
 Concen: 43.961 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Tgt Ion:149 Resp: 530182
 Ion Ratio Lower Upper
 149 100
 150 9.6 8.2 12.2
 104 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.456 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB115117BS

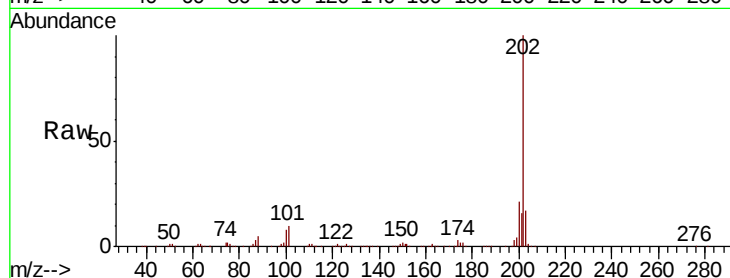
Tgt Ion:202 Resp: 563407

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.7

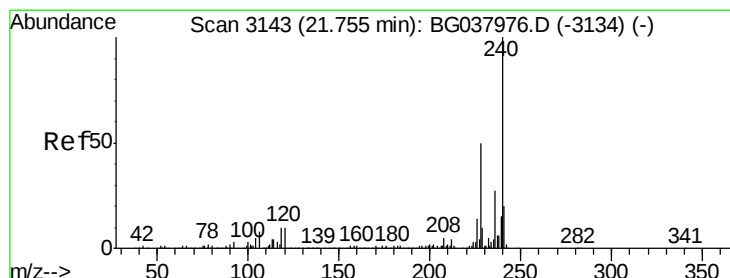
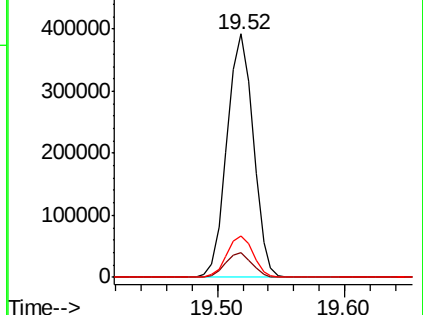
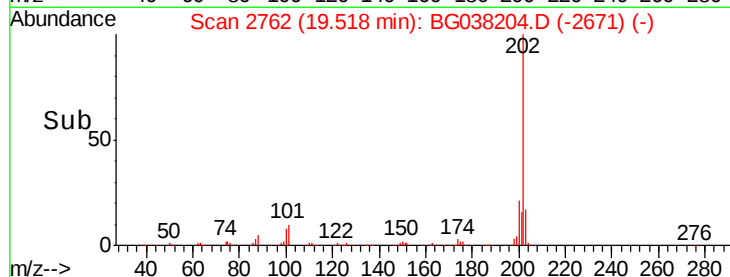
203 17.0 0.0 38.5



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: 21.76 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

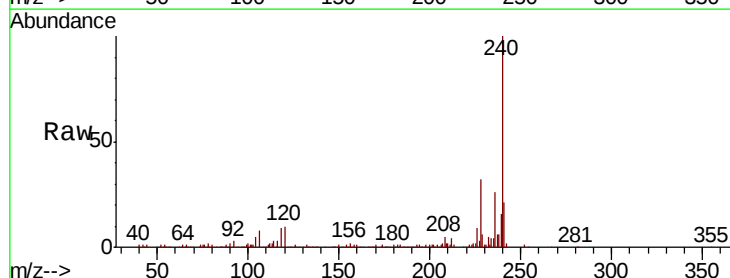
Tgt Ion:240 Resp: 200231

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

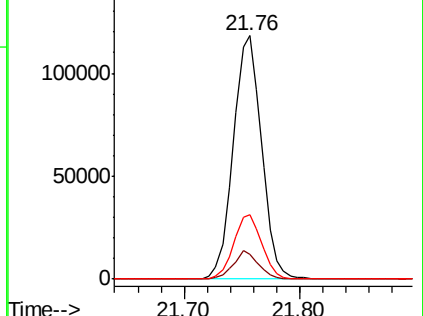
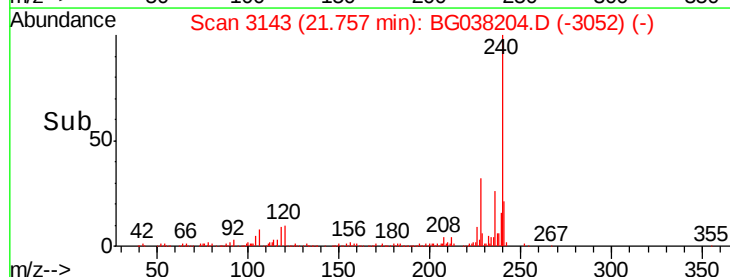
236 26.3 21.4 32.0

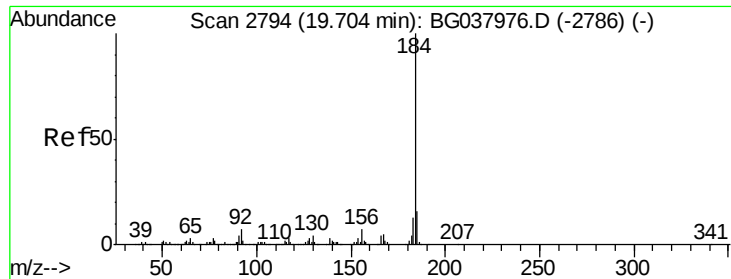


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.378 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB115117BS

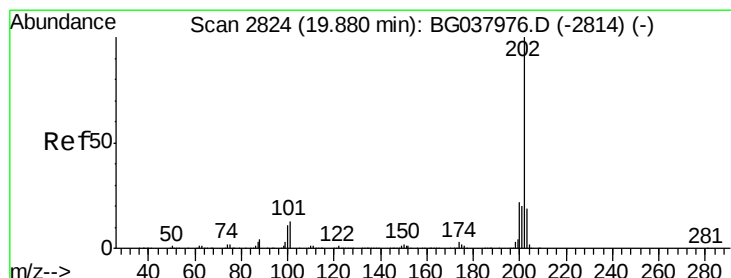
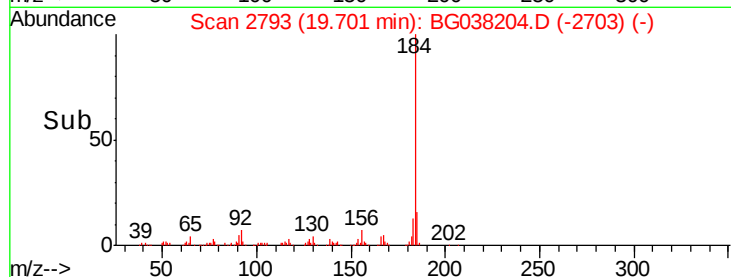
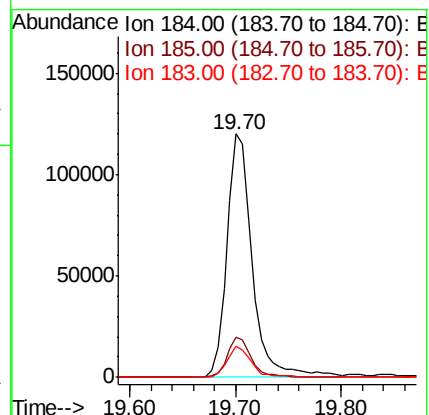
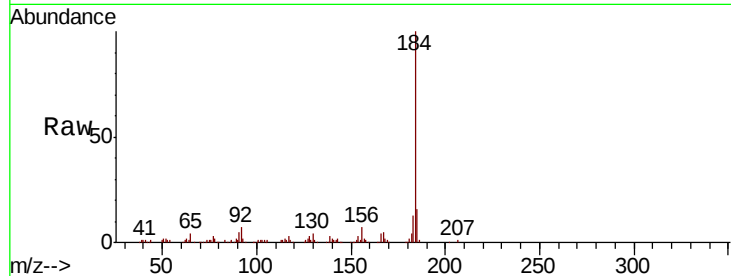
Tgt Ion:184 Resp: 199383

Ion Ratio Lower Upper

184 100

185 16.4 12.6 18.8

183 13.0 10.2 15.2



#78

Pyrene

Concen: 43.298 ng

RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

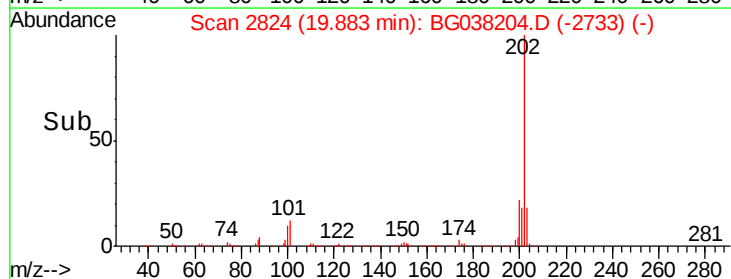
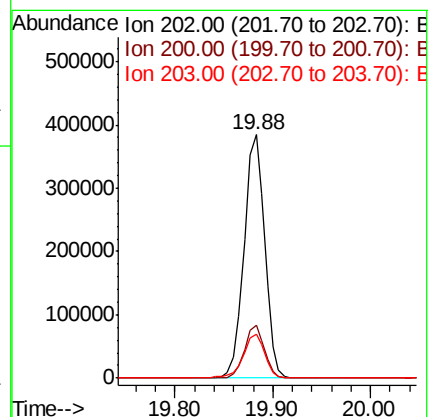
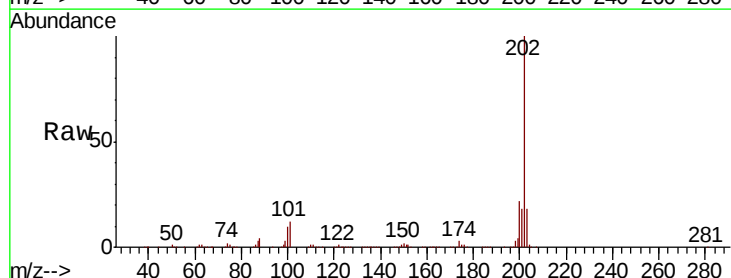
Tgt Ion:202 Resp: 566826

Ion Ratio Lower Upper

202 100

200 21.7 17.8 26.6

203 18.2 15.2 22.8





#79

Terphenyl-d14

Concen: 77.720 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB115117BS

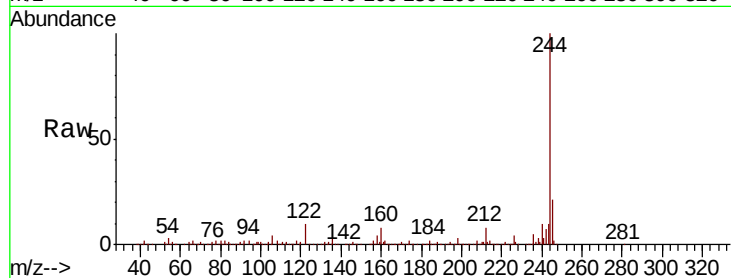
Tgt Ion:244 Resp: 661365

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

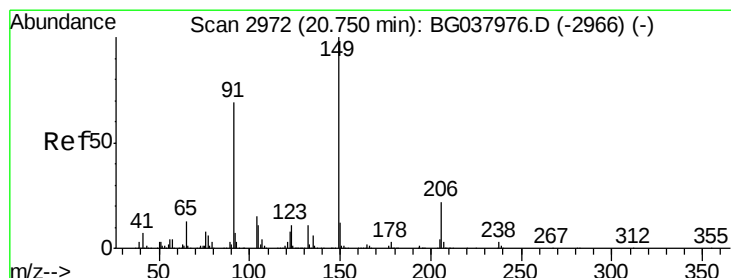
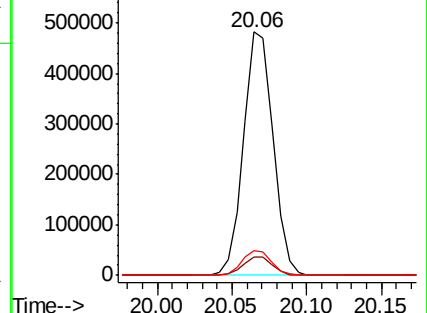
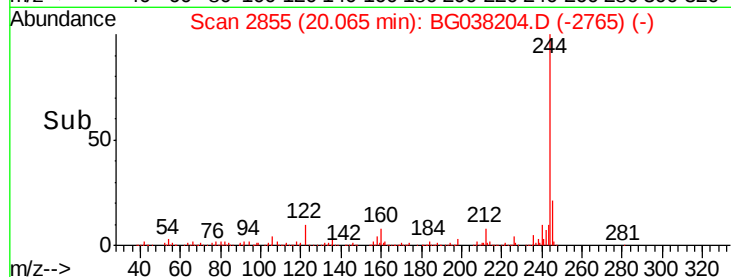
122 10.2 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.792 ng

RT: 20.75 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

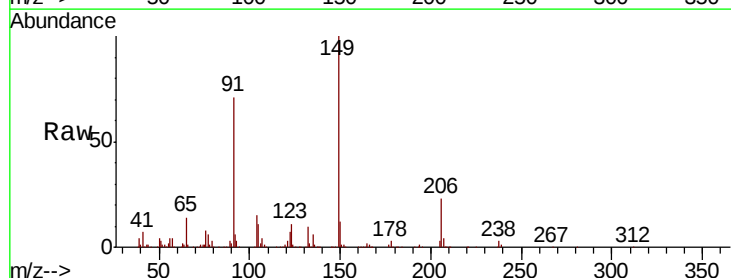
Tgt Ion:149 Resp: 244985

Ion Ratio Lower Upper

149 100

91 70.7 57.0 85.4

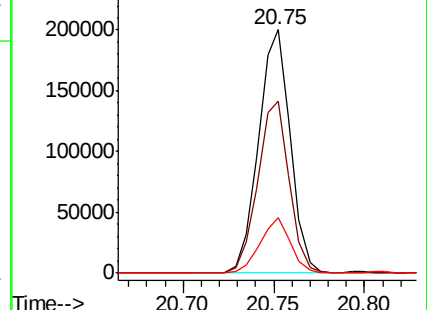
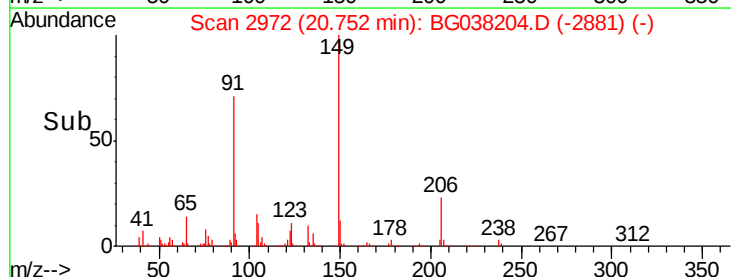
206 22.5 17.8 26.6

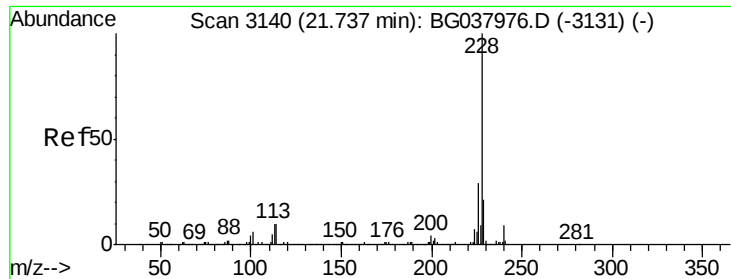


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

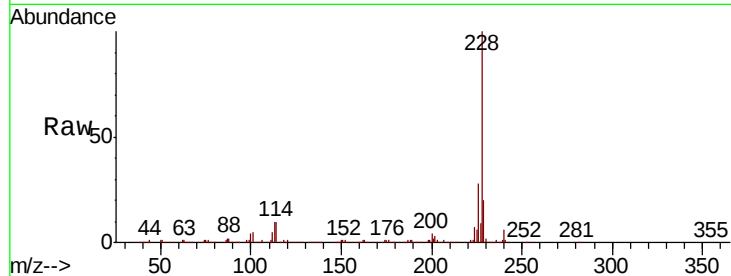




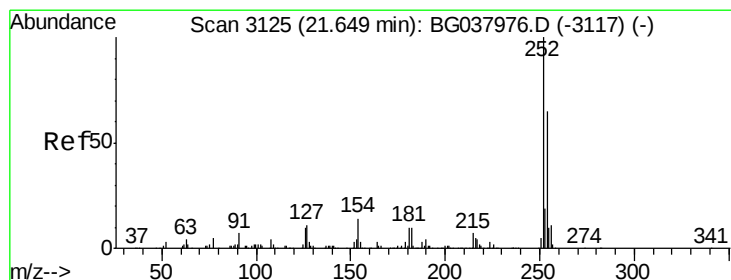
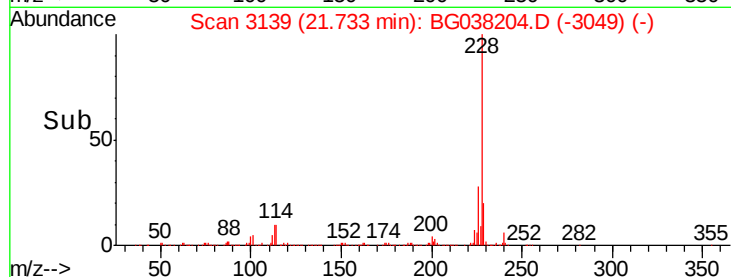
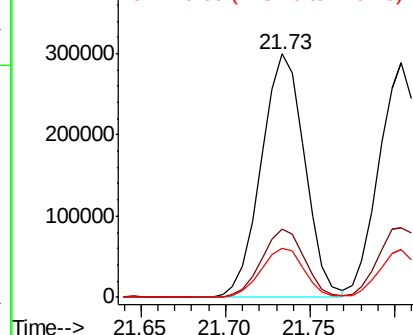
#81
Benzo(a)anthracene
Concen: 43.970 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tgt Ion: 228 Resp: 532043
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.9 16.3 24.5

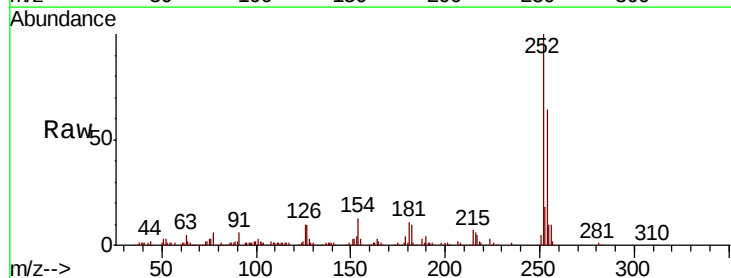


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

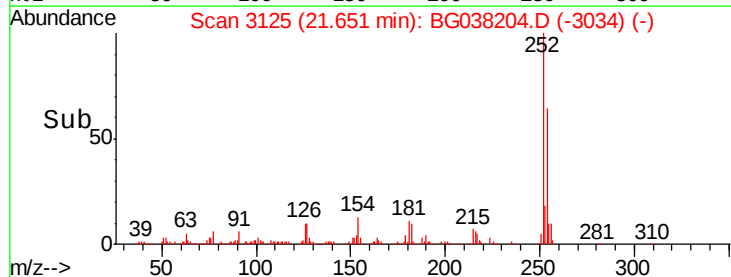
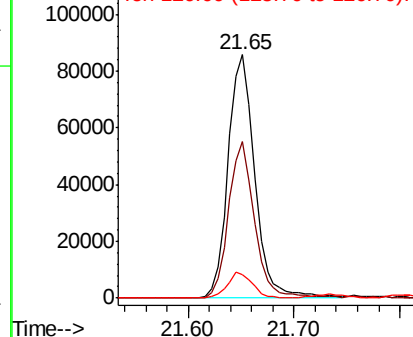


#82
3,3'-Dichlorobenzidine
Concen: 31.857 ng
RT: 21.65 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion: 252 Resp: 150154
Ion Ratio Lower Upper
252 100
254 64.1 52.0 78.0
126 9.6 8.2 12.4



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

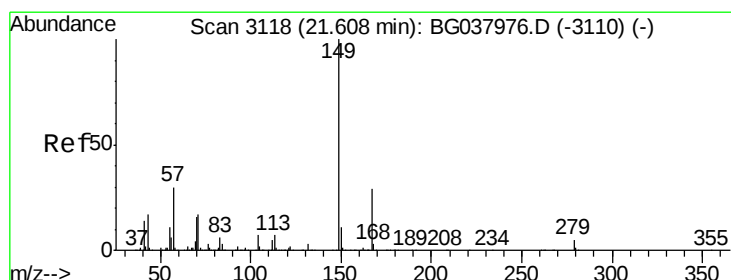
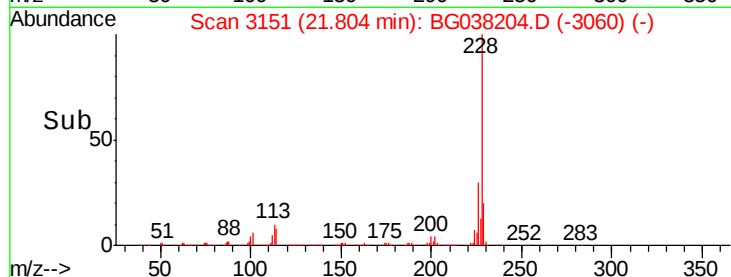
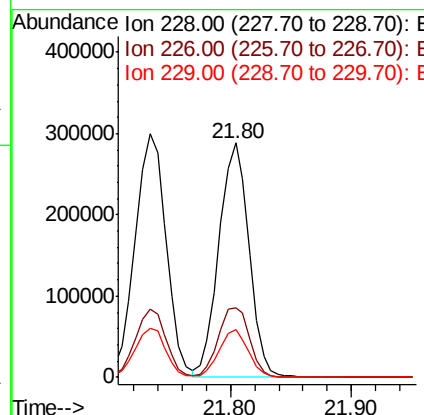
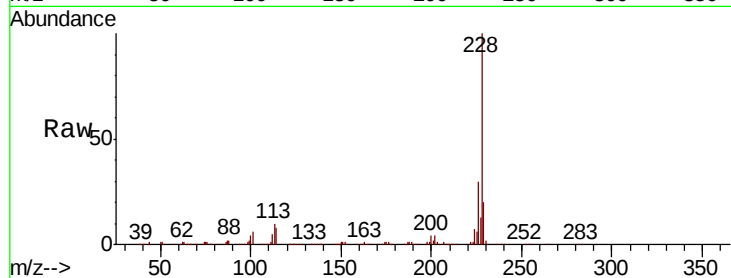




#83
 Chrysene
 Concen: 42.674 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

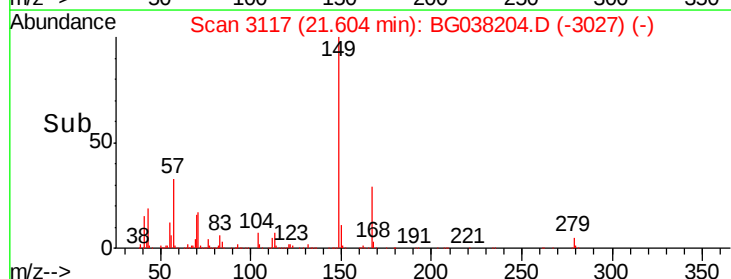
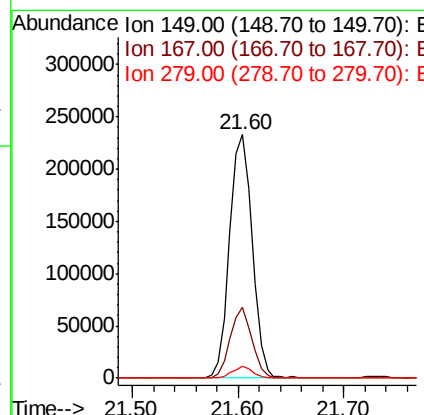
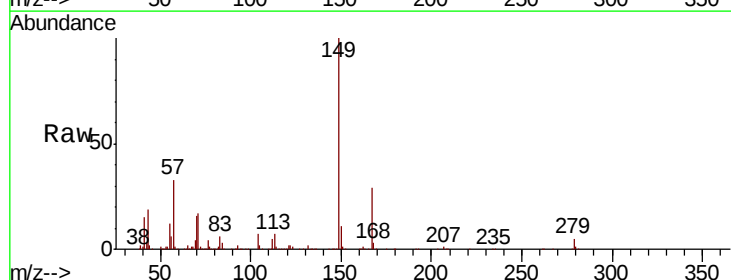
Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

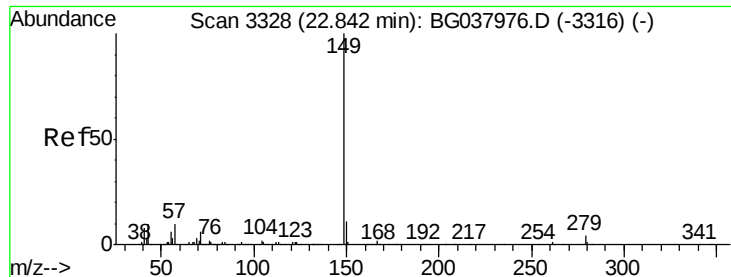
Tgt Ion: 228 Resp: 494044
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.7 38.5
 229 20.1 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.355 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Tgt Ion: 149 Resp: 345801
 Ion Ratio Lower Upper
 149 100
 167 28.9 23.0 34.4
 279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 45.030 ng

RT: 22.84 min Scan# 3328

Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB115117BS

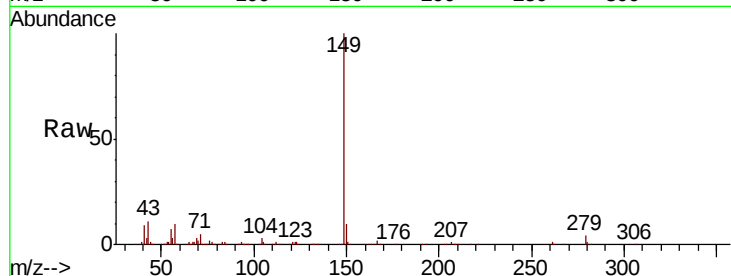
Tgt Ion:149 Resp: 594770

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

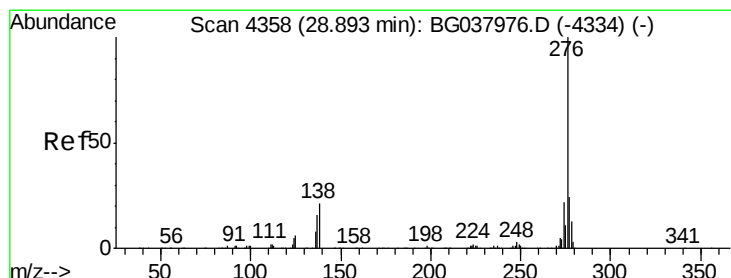
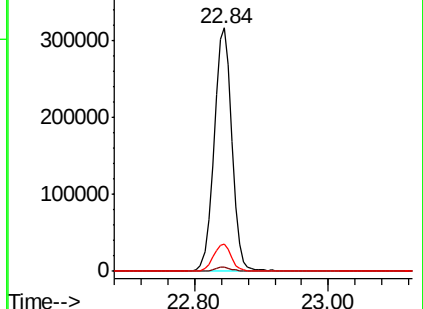
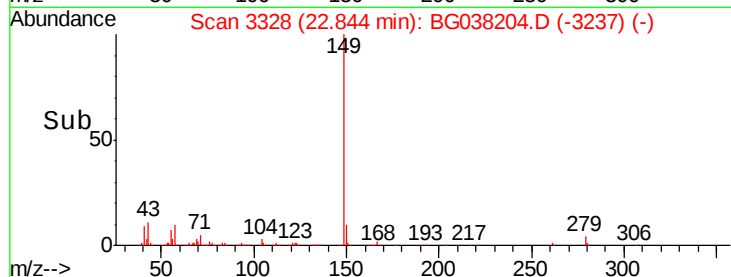
43 11.3 8.7 13.1



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: 38.071 ng

RT: 28.88 min Scan# 4356

Delta R.T. -0.01 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

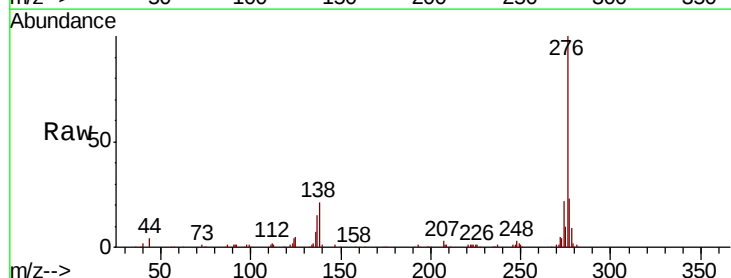
Tgt Ion:276 Resp: 489521

Ion Ratio Lower Upper

276 100

138 13.3 12.0 18.0

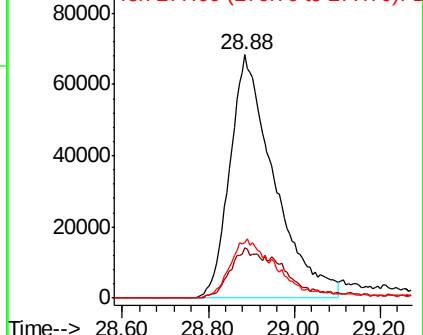
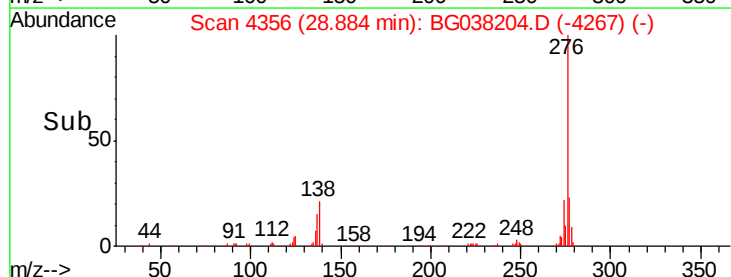
277 24.4 20.6 30.8



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

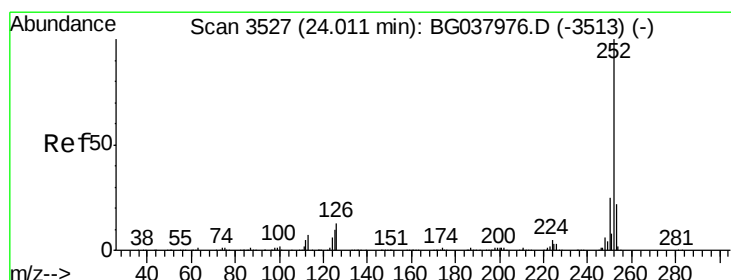
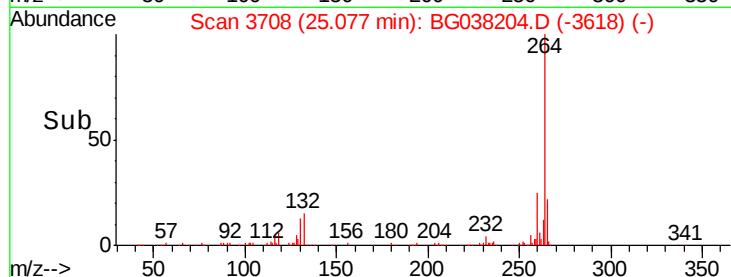
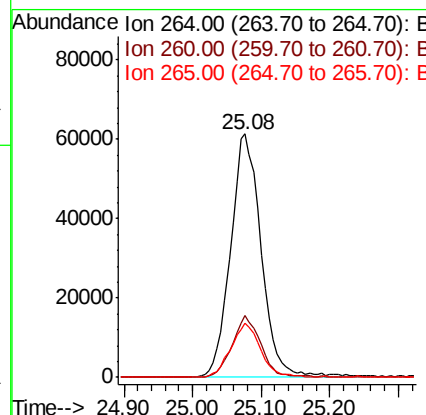
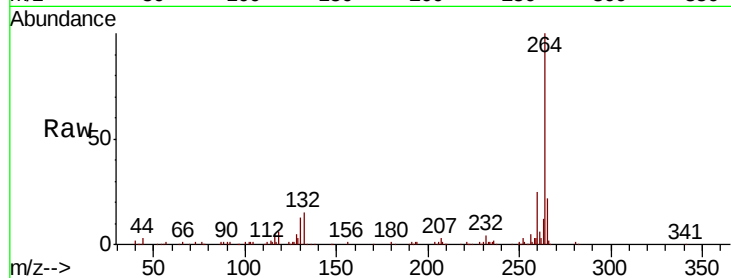




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3708
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

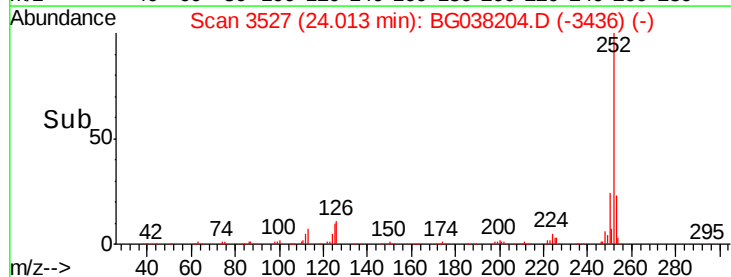
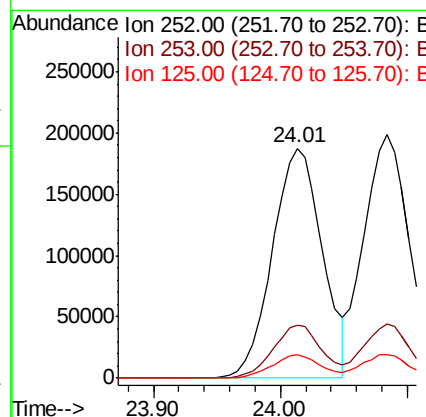
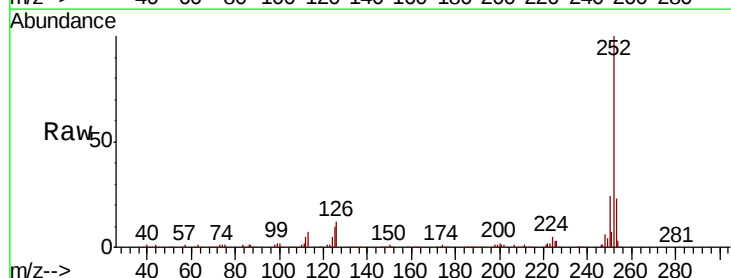
Instrument :
BNA_G
ClientSampleId :
PB115117BS

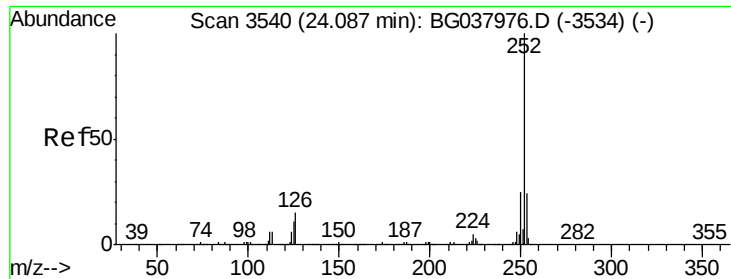
Tgt Ion:264 Resp: 189937
Ion Ratio Lower Upper
264 100
260 25.2 18.2 27.4
265 22.1 17.9 26.9



#88
Benzo(b)fluoranthene
Concen: 49.035 ng
RT: 24.01 min Scan# 3527
Delta R.T. 0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion:252 Resp: 512533
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 10.1 7.8 11.6

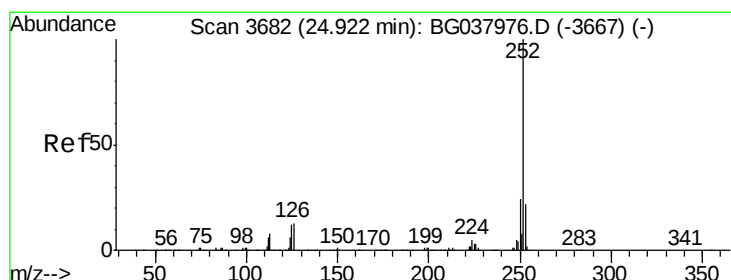
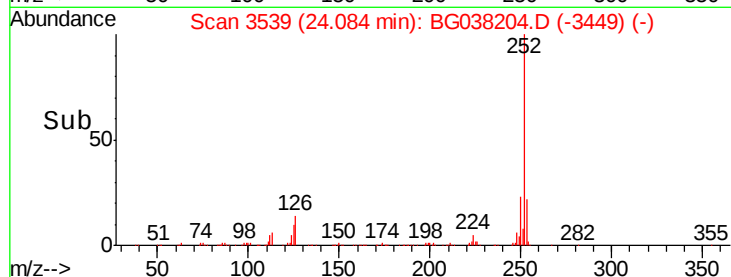
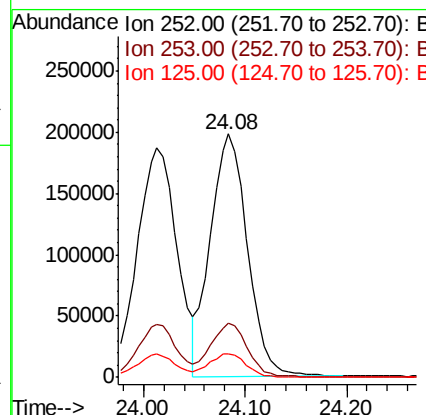
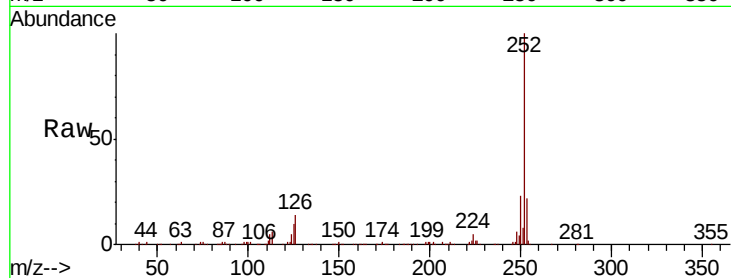




#89
Benzo(k)fluoranthene
Concen: 48.573 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

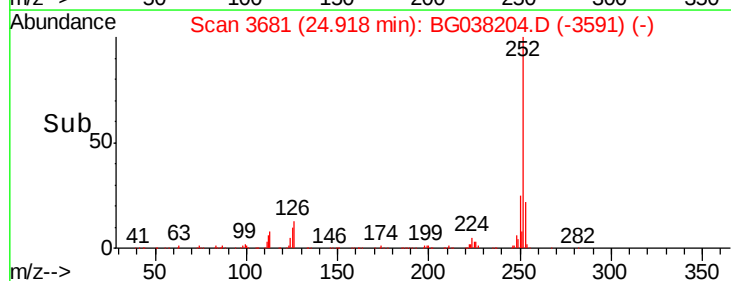
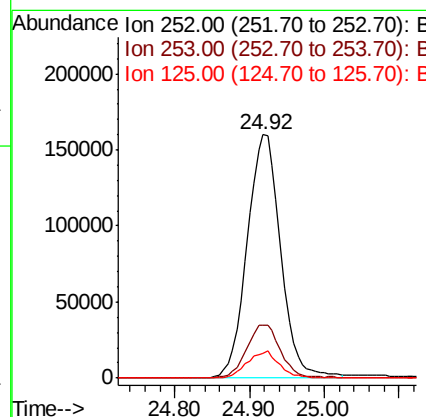
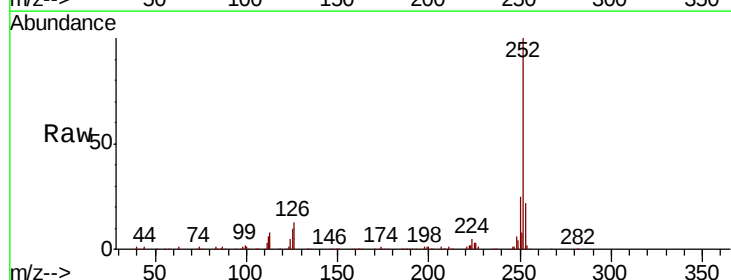
Instrument :
BNA_G
ClientSampleId :
PB115117BS

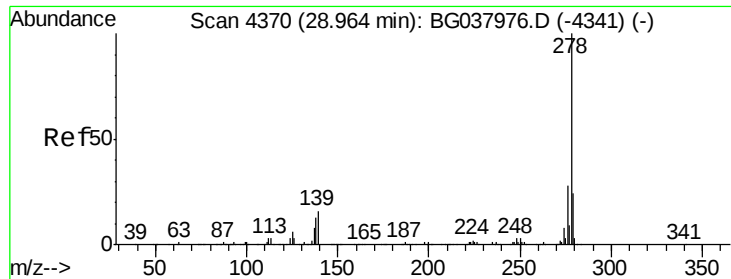
Tgt Ion:252 Resp: 500975
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 9.8 7.4 11.0



#90
Benzo(a)pyrene
Concen: 50.058 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion:252 Resp: 500033
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.0 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 39.814 ng

RT: 28.95 min Scan# 4368

Delta R.T. -0.01 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

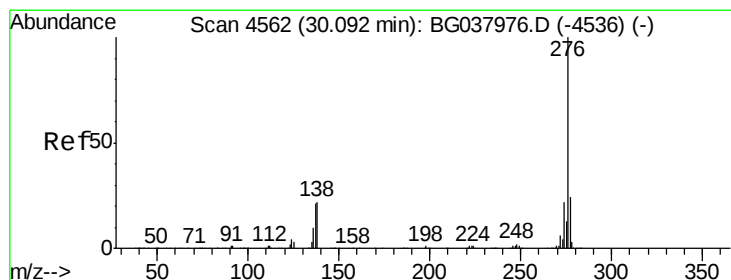
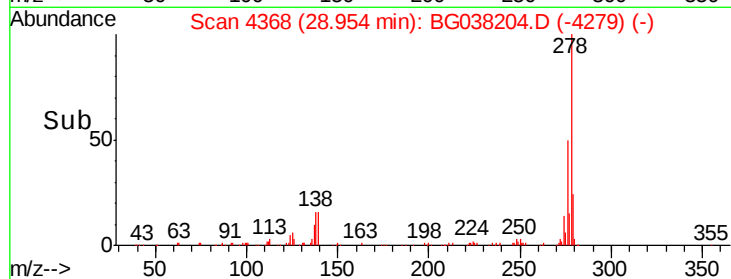
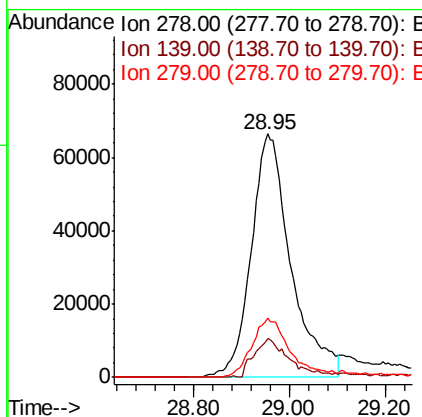
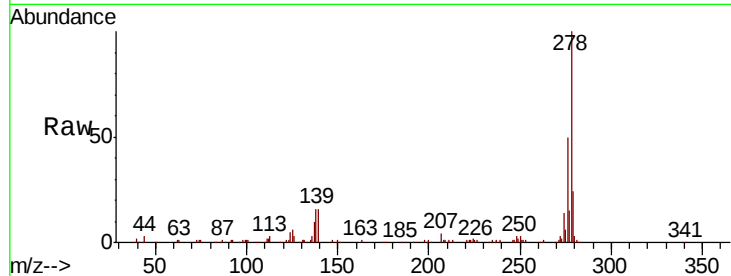
Instrument :

BNA_G

ClientSampleId :

PB115117BS

Tgt Ion:	278	Resp:	382667
Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.5	17.3
279	24.3	18.6	27.8



#92

Benzo(g,h,i)perylene

Concen: 42.274 ng

RT: 30.09 min Scan# 4562

Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Tgt Ion:	276	Resp:	403991
Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	21.7	17.2	25.8

