

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111618\
 Data File : BG038041.D
 Acq On : 16 Nov 2018 19:57
 Operator : JU/SJ
 Sample : PB114874BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

Quant Time: Nov 17 02:52:45 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	44266	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	193094	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	116696	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	271733	20.00	ng	0.00
76) Chrysene-d12	21.76	240	254527	20.00	ng	0.00
87) Perylene-d12	25.08	264	243789	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	386947	150.93	ng	0.00
7) Phenol-d6	7.24	99	511286	139.71	ng	0.00
23) Nitrobenzene-d5	9.26	82	248000	68.75	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	172909	129.92	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	546311	68.20	ng	0.00
79) Terphenyl-d14	20.07	244	885549	81.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	41638	34.383	ng	96
3) Pyridine	3.92	79	110787	32.071	ng	97
4) n-Nitrosodimethylamine	3.84	42	60077	47.937	ng	99
6) Aniline	7.41	93	169549	35.896	ng	97
8) 2-Chlorophenol	7.64	128	140738	47.309	ng	98
9) Benzaldehyde	7.23	77	78939	29.826	ng	94
10) Phenol	7.26	94	183042	47.219	ng	99
11) bis(2-Chloroethyl)ether	7.50	93	135283	42.748	ng	99
12) 1,3-Dichlorobenzene	7.97	146	140993	41.140	ng	98
13) 1,4-Dichlorobenzene	8.12	146	143087	41.331	ng	100
14) 1,2-Dichlorobenzene	8.44	146	137183	41.505	ng	99
15) Benzyl Alcohol	8.33	79	120233	45.403	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	256365	43.626	ng	97
17) 2-Methylphenol	8.52	107	123364	47.071	ng	98
18) Hexachloroethane	9.17	117	52788	41.897	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	109404	41.314	ng	96
20) 3+4-Methylphenols	8.85	107	169315	45.573	ng	97
22) Acetophenone	8.91	105	202493	42.148	ng	99
24) Nitrobenzene	9.31	77	161265	43.703	ng	94
25) Isophorone	9.82	82	298083	45.911	ng	98
26) 2-Nitrophenol	10.02	139	77480	42.060	ng	98
27) 2,4-Dimethylphenol	10.06	122	140328	50.559	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	182936	44.063	ng	99
29) 2,4-Dichlorophenol	10.55	162	140296	44.939	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	144653	41.348	ng	100
31) Naphthalene	10.96	128	429757	45.250	ng	99
32) Benzoic acid	10.19	122	78565	44.999	ng	94
33) 4-Chloroaniline	11.07	127	113807	25.761	ng	98
34) Hexachlorobutadiene	11.22	225	86321	40.091	ng	97
35) Caprolactam	11.86	113	31138	24.918	ng	97
36) 4-Chloro-3-methylphenol	12.17	107	148021	43.398	ng	99
37) 2-Methylnaphthalene	12.56	142	312776	45.848	ng	99
38) 1-Methylnaphthalene	12.77	142	297928	45.370	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	159581	40.924	ng	98

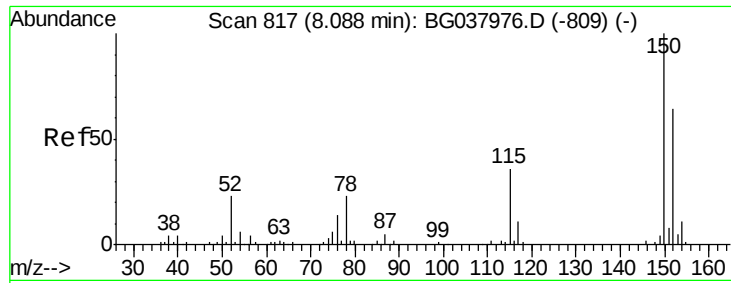
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111618\
 Data File : BG038041.D
 Acq On : 16 Nov 2018 19:57
 Operator : JU/SJ
 Sample : PB114874BS
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Quant Time: Nov 17 02:52:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant 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)
41) Hexachlorocyclopentadiene	12.88	237	186393	89.266	ng	98
43) 2,4,6-Trichlorophenol	13.15	196	113673	42.779	ng	98
44) 2,4,5-Trichlorophenol	13.23	196	121709	43.531	ng	97
46) 1,1'-Biphenyl	13.55	154	394271	40.216	ng	99
47) 2-Chloronaphthalene	13.60	162	311130	41.589	ng	100
48) 2-Nitroaniline	13.81	65	105044	44.614	ng	97
49) Acenaphthylene	14.45	152	515362	45.810	ng	98
50) Dimethylphthalate	14.17	163	400035	43.241	ng	99
51) 2,6-Dinitrotoluene	14.30	165	91203	43.558	ng	98
52) Acenaphthene	14.79	154	295933	43.695	ng	99
53) 3-Nitroaniline	14.64	138	77877	33.706	ng	# 93
54) 2,4-Dinitrophenol	14.84	184	98937	86.675	ng	95
55) Dibenzofuran	15.12	168	482310	43.067	ng	98
56) 4-Nitrophenol	14.93	139	164061	92.068	ng	97
57) 2,4-Dinitrotoluene	15.09	165	128183	44.995	ng	99
58) Fluorene	15.77	166	387257	46.346	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	109261	46.702	ng	96
60) Diethylphthalate	15.52	149	410925	41.819	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	199728	40.850	ng	99
62) 4-Nitroaniline	15.80	138	106022	46.192	ng	93
63) Azobenzene	16.05	77	387020	44.050	ng	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	72044	41.917	ng	95
66) n-Nitrosodiphenylamine	15.98	169	347212	42.236	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	122853	41.191	ng	96
68) Hexachlorobenzene	16.76	284	125744	40.845	ng	99
69) Atrazine	16.92	200	131419	43.367	ng	98
70) Pentachlorophenol	17.11	266	161228	77.112	ng	97
71) Phenanthrene	17.51	178	651769	46.848	ng	100
72) Anthracene	17.60	178	657128	47.917	ng	98
73) Carbazole	17.88	167	609933	44.329	ng	99
74) Di-n-butylphthalate	18.41	149	723997	46.875	ng	99
75) Fluoranthene	19.52	202	774111	48.769	ng	99
77) Benzidine	19.70	184	386167	43.238	ng	98
78) Pyrene	19.88	202	769127	46.218	ng	99
80) Butylbenzylphthalate	20.75	149	341496	46.925	ng	99
81) Benzo(a)anthracene	21.73	228	739118	48.053	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	179854	30.018	ng	98
83) Chrysene	21.80	228	689819	46.874	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	479805	46.231	ng	99
85) Di-n-octyl phthalate	22.84	149	820882	48.891	ng	99
86) Indeno(1,2,3-cd)pyrene	28.90	276	822555	50.325	ng	# 96
88) Benzo(b)fluoranthene	24.01	252	726103	54.123	ng	99
89) Benzo(k)fluoranthene	24.08	252	702788	53.088	ng	98
90) Benzo(a)pyrene	24.92	252	708457	55.257	ng	98
91) Dibenzo(a,h)anthracene	28.96	278	675557	54.762	ng	96
92) Benzo(g,h,i)perylene	30.10	276	682569	55.647	ng	99

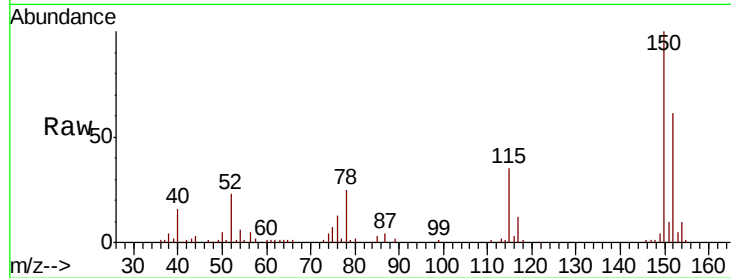
(#) = qualifier out of range (m) = manual integration (+) = signals summed



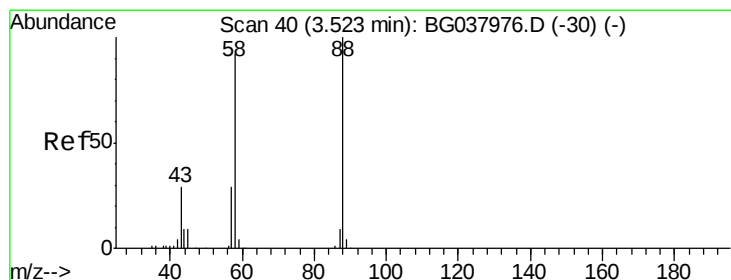
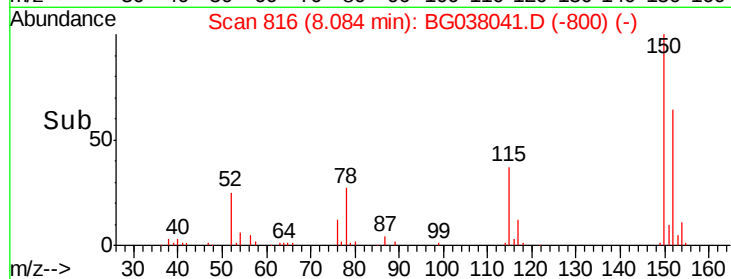
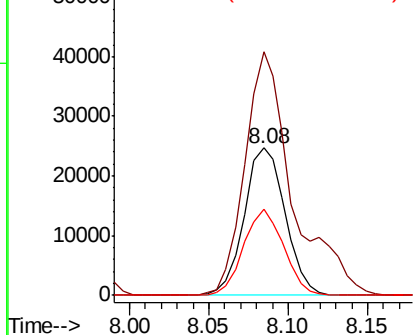
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

Tgt Ion:152 Resp: 44266
 Ion Ratio Lower Upper
 152 100
 150 165.1 126.0 189.0
 115 58.3 45.5 68.3

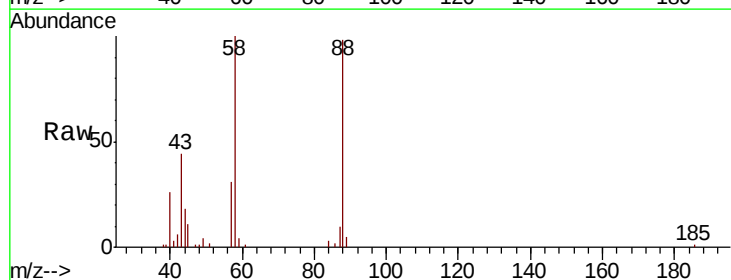


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

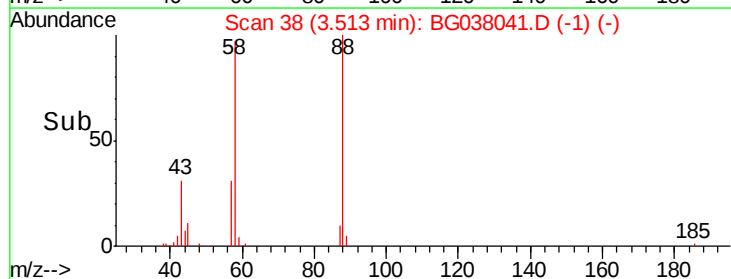
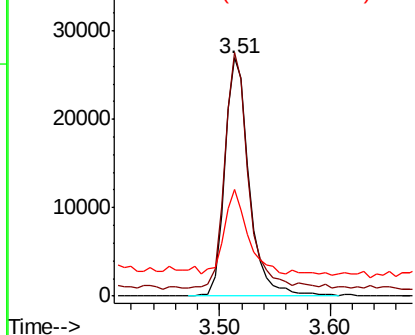


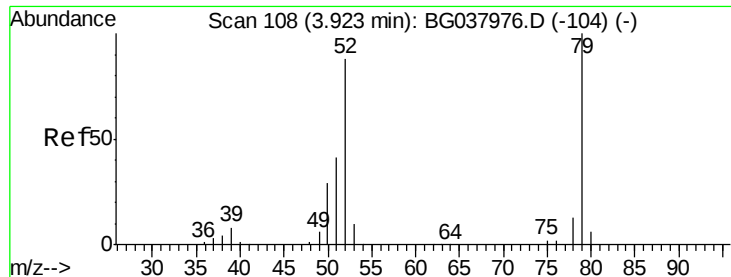
#2
 1,4-Dioxane
 Concen: 34.383 ng
 RT: 3.51 min Scan# 38
 Delta R.T. -0.01 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion: 88 Resp: 41638
 Ion Ratio Lower Upper
 88 100
 58 96.5 74.4 111.6
 43 34.1 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: 32.071 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

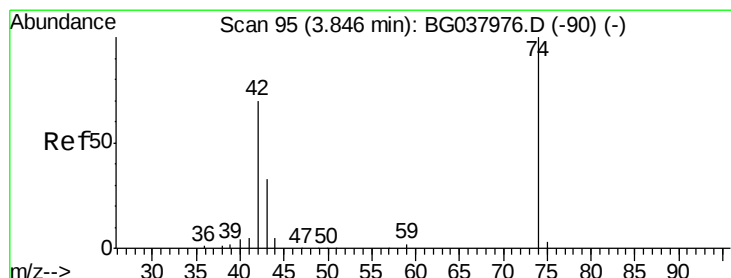
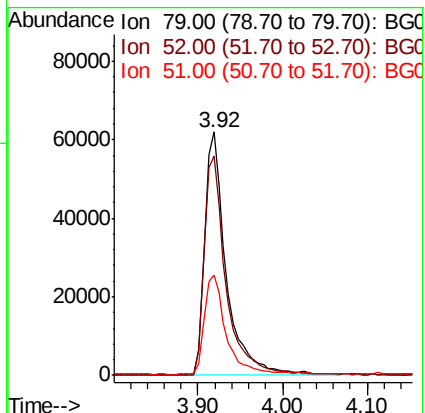
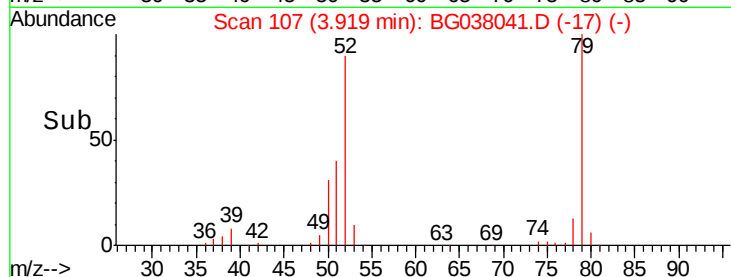
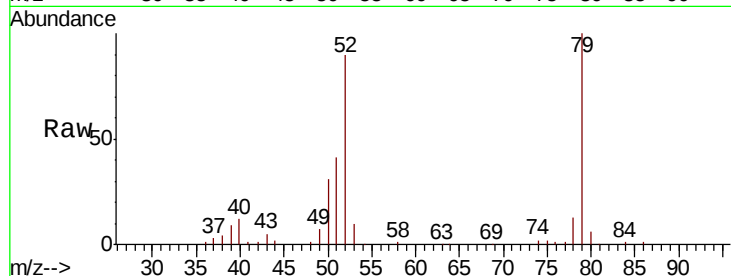
Tgt Ion: 79 Resp: 110787

Ion Ratio Lower Upper

79 100

52 90.0 74.2 111.2

51 41.2 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 47.937 ng

RT: 3.84 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

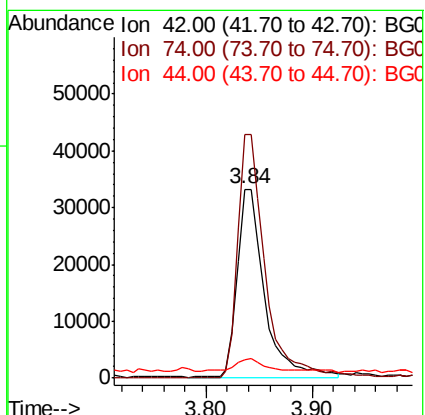
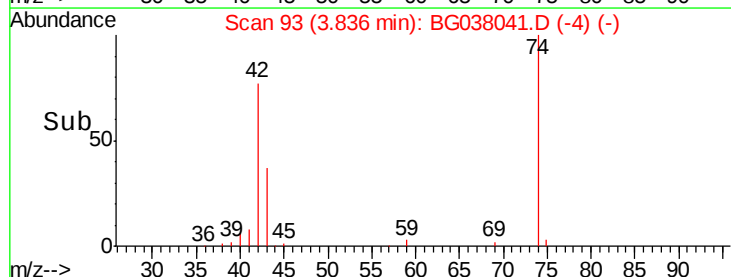
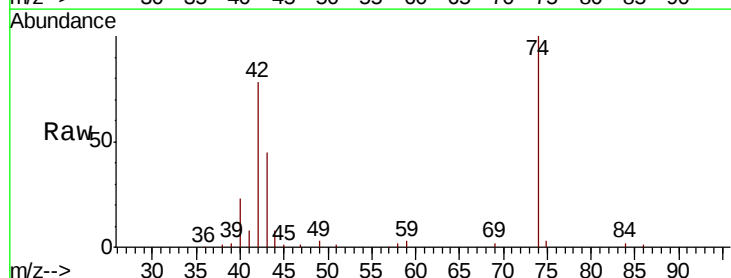
Tgt Ion: 42 Resp: 60077

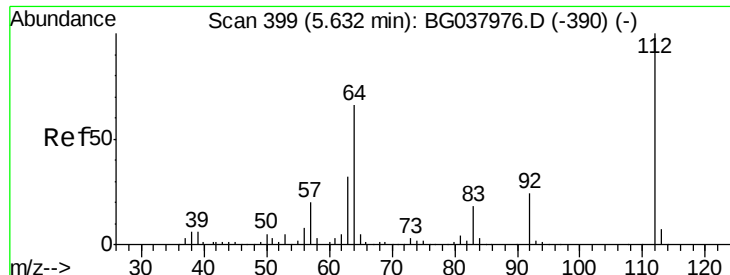
Ion Ratio Lower Upper

42 100

74 128.7 102.0 153.0

44 9.7 9.6 14.4





#5

2-Fluorophenol

Concen: 150.926 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

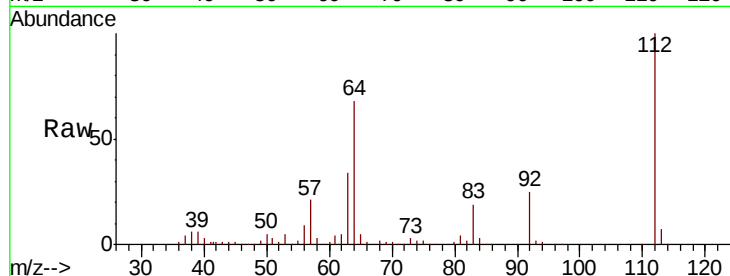
Tgt Ion: 112 Resp: 386947

Ion Ratio Lower Upper

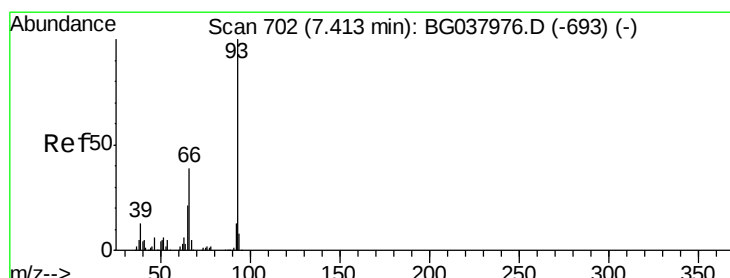
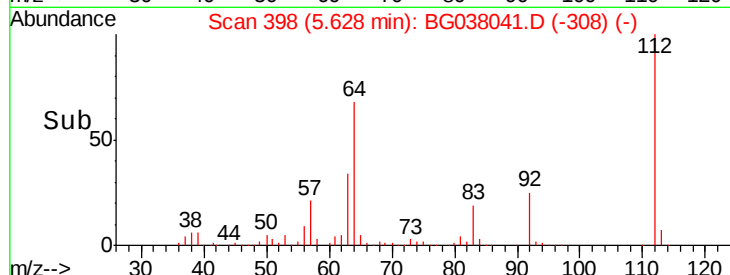
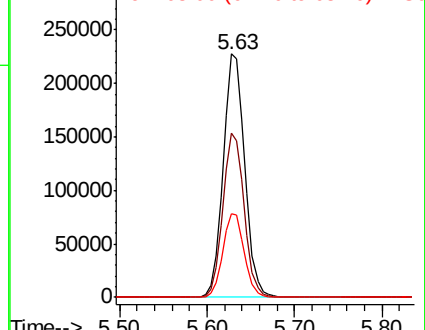
112 100

64 67.6 53.1 79.7

63 34.3 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: 35.896 ng

RT: 7.41 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

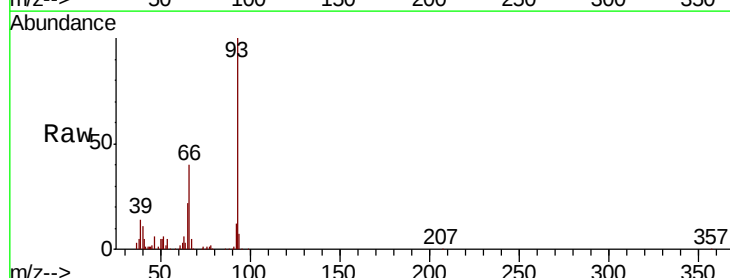
Tgt Ion: 93 Resp: 169549

Ion Ratio Lower Upper

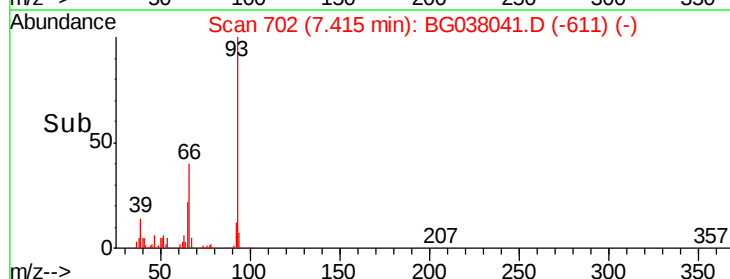
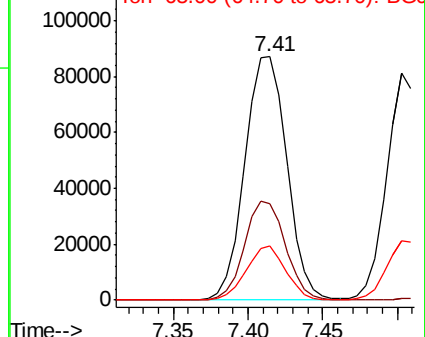
93 100

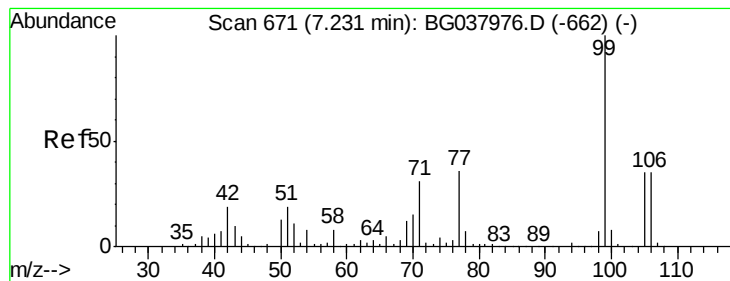
66 39.7 32.8 49.2

65 22.3 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: 139.707 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

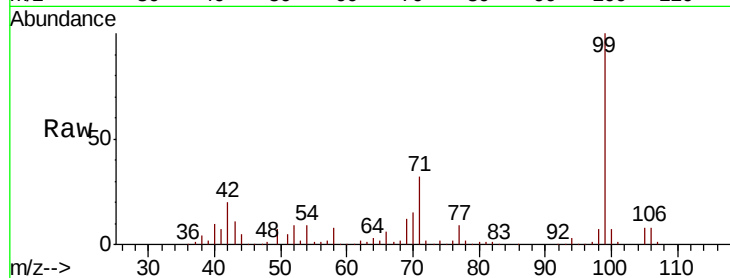
Tgt Ion: 99 Resp: 511286

Ion Ratio Lower Upper

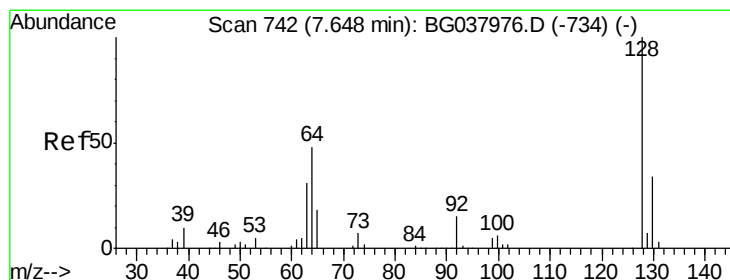
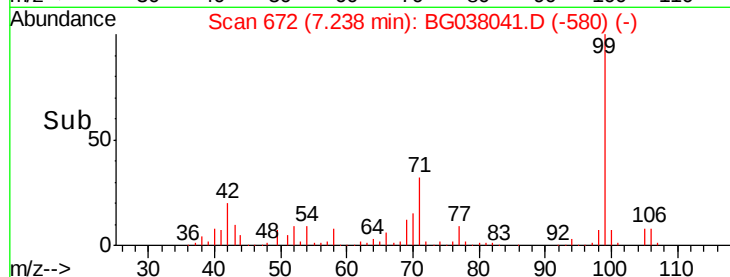
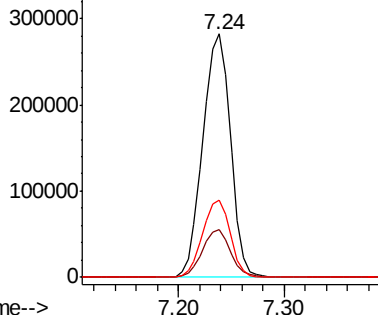
99 100

42 19.6 15.0 22.4

71 31.8 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: 47.309 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

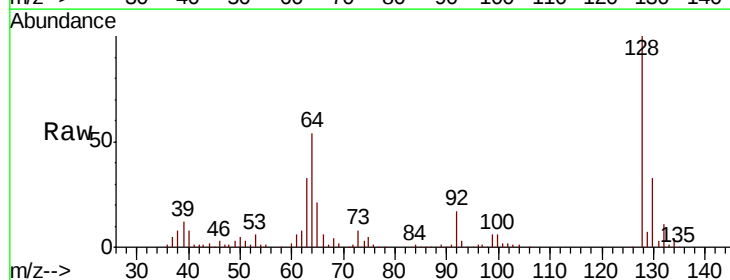
Tgt Ion: 128 Resp: 140738

Ion Ratio Lower Upper

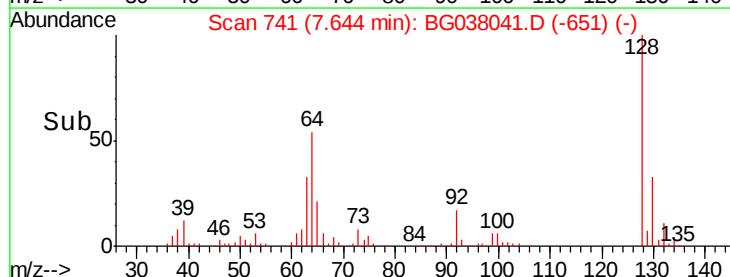
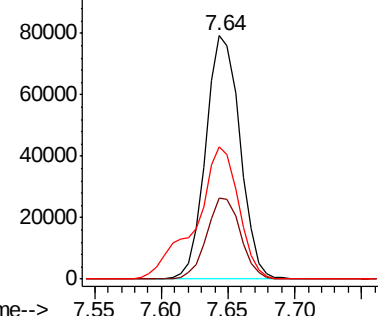
128 100

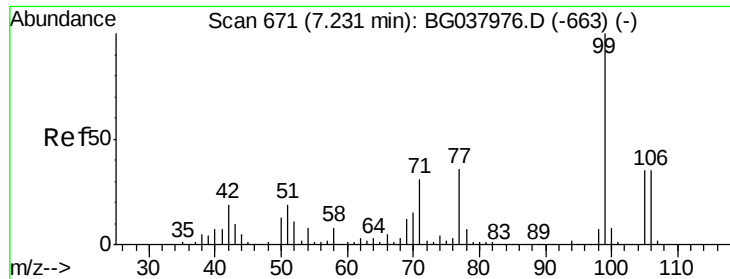
130 33.4 12.0 52.0

64 54.3 32.9 72.9



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





#9

Benzaldehyde

Concen: 29.826 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

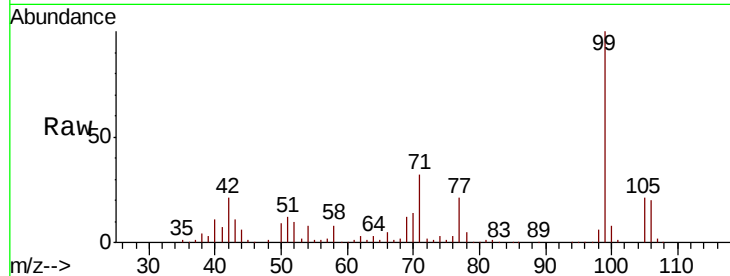
Tgt Ion: 77 Resp: 78939

Ion Ratio Lower Upper

77 100

105 100.0 72.6 112.6

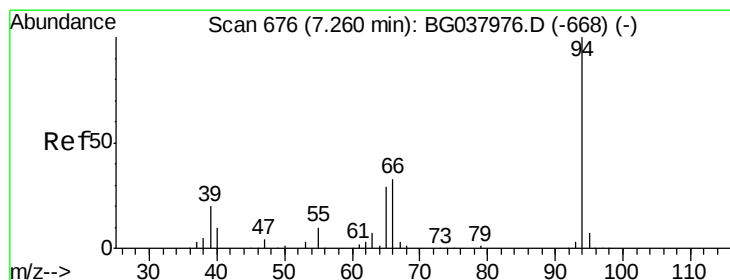
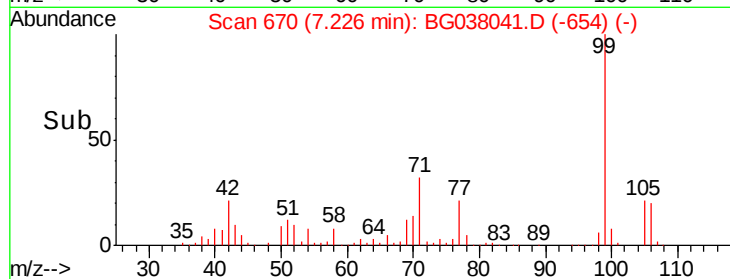
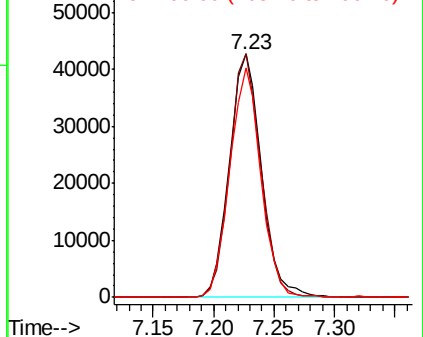
106 94.4 71.3 111.3



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: 47.219 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

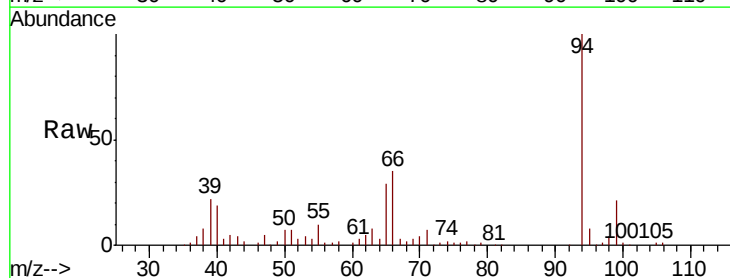
Tgt Ion: 94 Resp: 183042

Ion Ratio Lower Upper

94 100

65 29.1 9.7 49.7

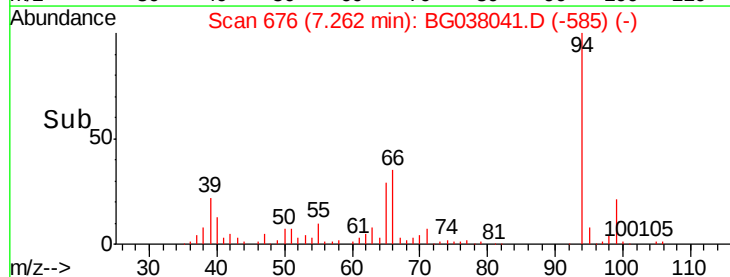
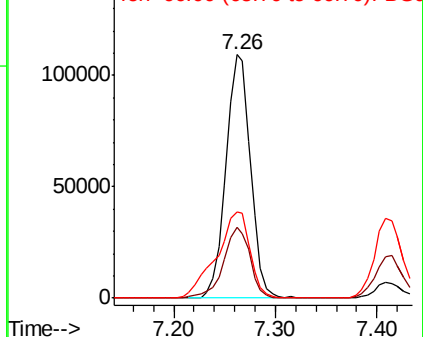
66 35.2 15.9 55.9

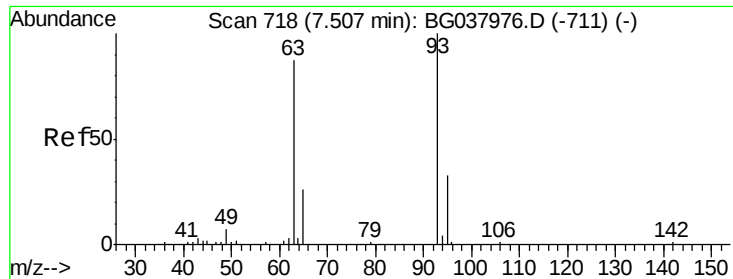


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

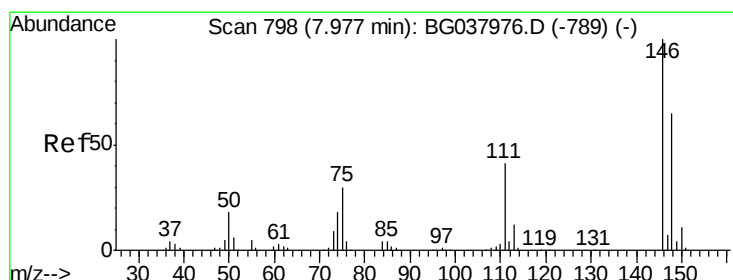
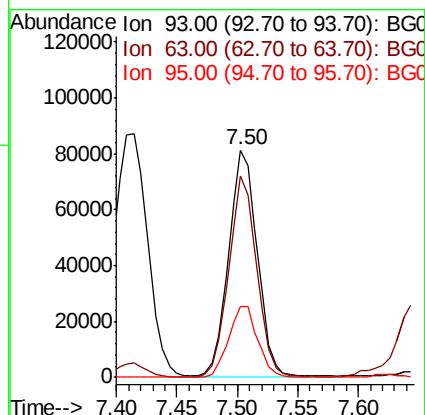
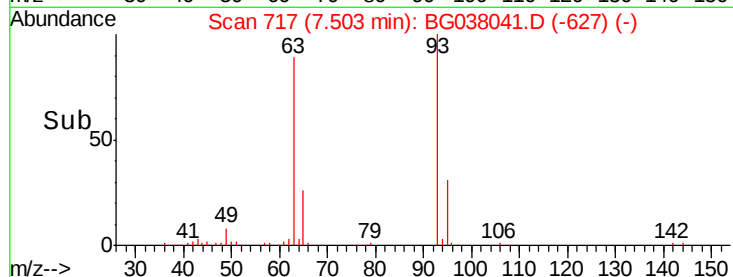
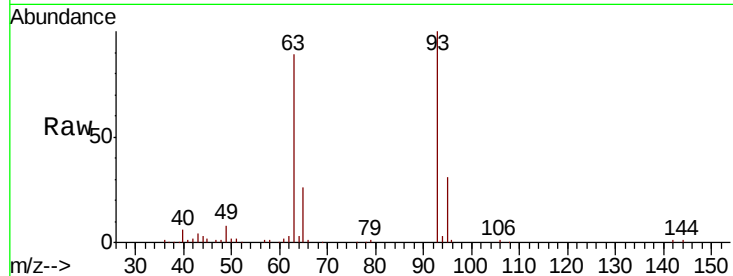




#11
bis(2-Chloroethyl)ether
Concen: 42.748 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

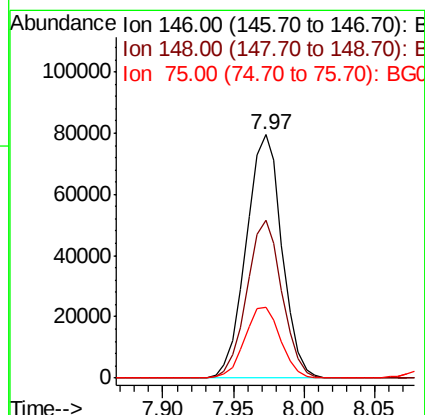
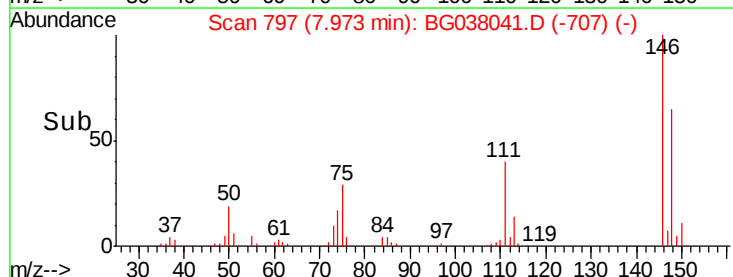
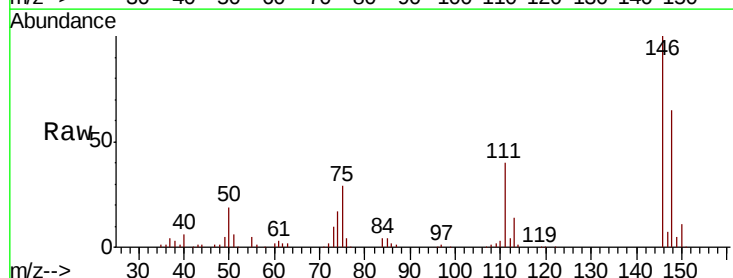
Instrument :
BNA_G
ClientSampleId :
PB114874BS

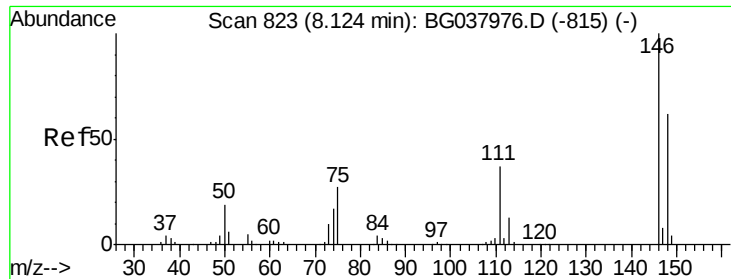
Tgt Ion: 93 Resp: 135283
Ion Ratio Lower Upper
93 100
63 88.6 69.5 109.5
95 31.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.140 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion: 146 Resp: 140993
Ion Ratio Lower Upper
146 100
148 64.9 49.8 74.8
75 29.3 23.2 34.8

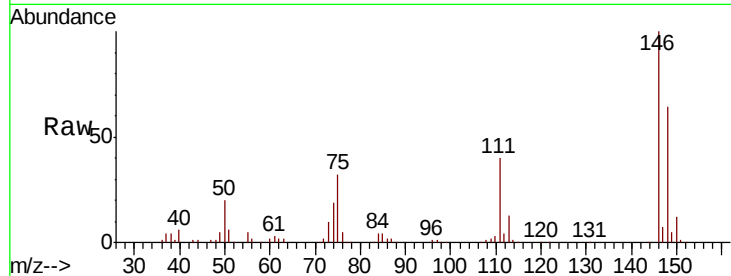




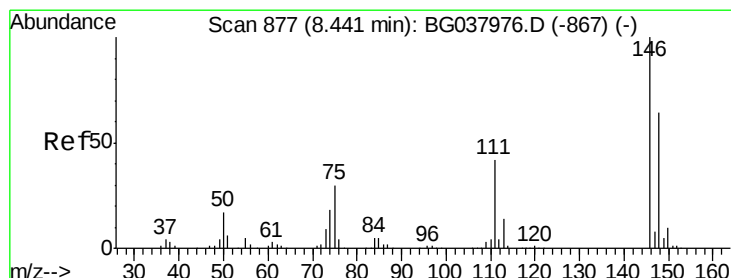
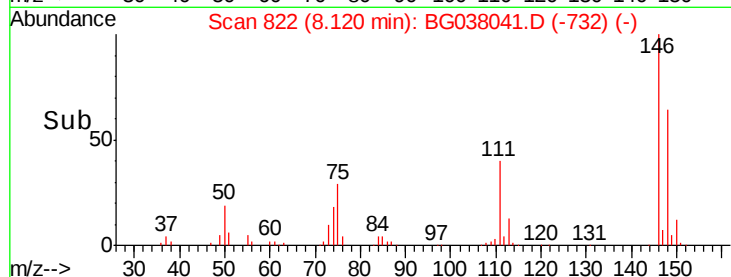
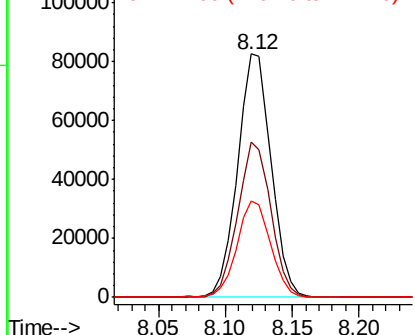
#13
 1,4-Dichlorobenzene
 Concen: 41.331 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

Tgt Ion:146 Resp: 143087
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.6
 111 39.7 32.4 48.6

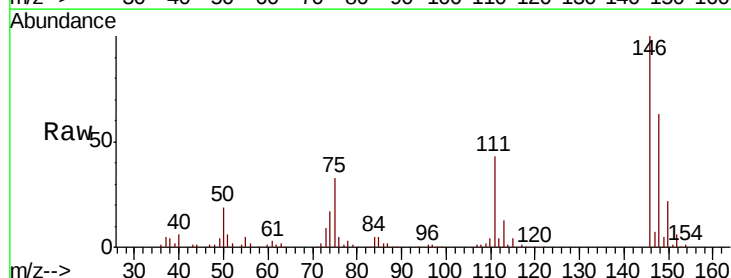


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

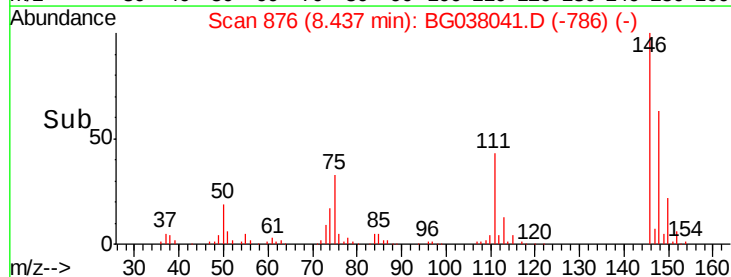
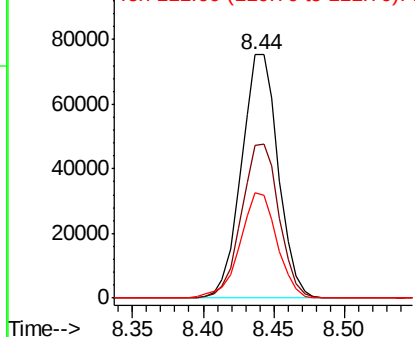


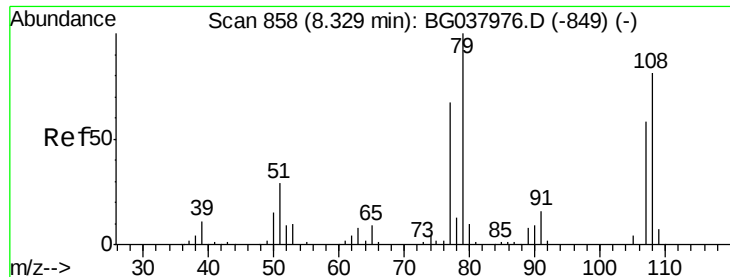
#14
 1,2-Dichlorobenzene
 Concen: 41.505 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion:146 Resp: 137183
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.4 75.6
 111 43.5 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 45.403 ng

RT: 8.33 min Scan# 857

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

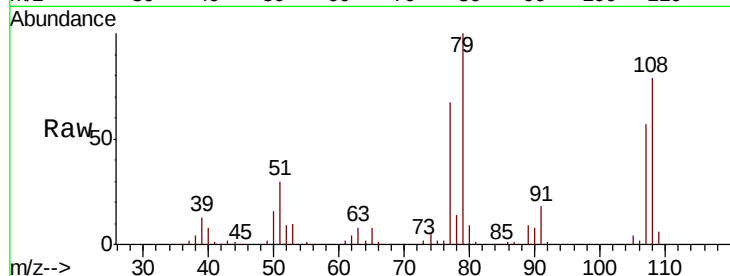
Tgt Ion: 79 Resp: 120233

Ion Ratio Lower Upper

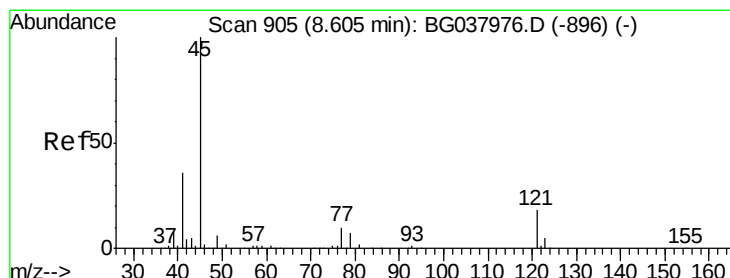
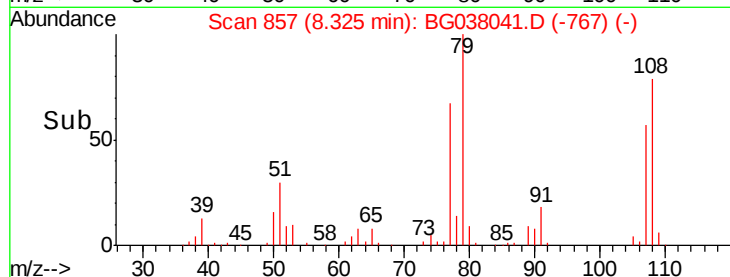
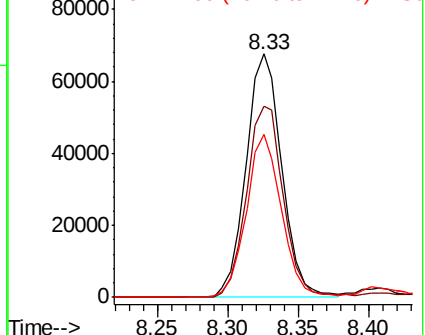
79 100

108 78.7 65.8 98.8

77 66.7 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.626 ng

RT: 8.61 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

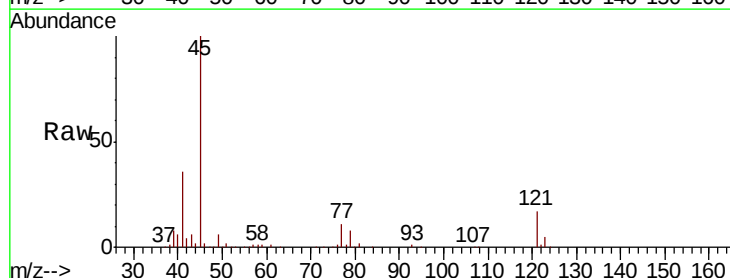
Tgt Ion: 45 Resp: 256365

Ion Ratio Lower Upper

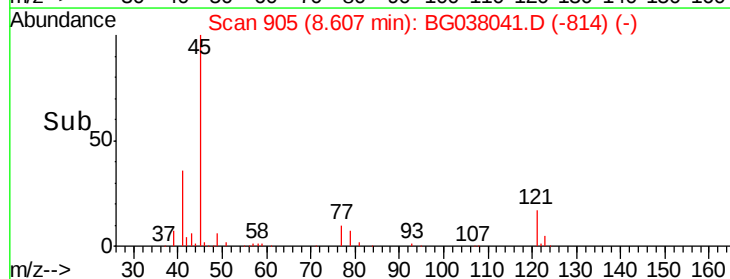
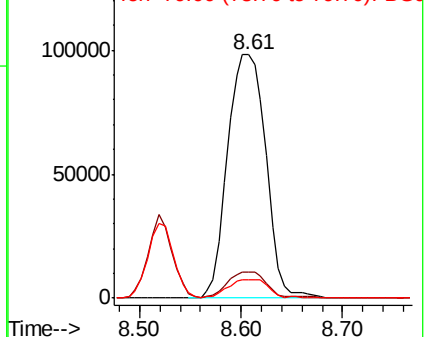
45 100

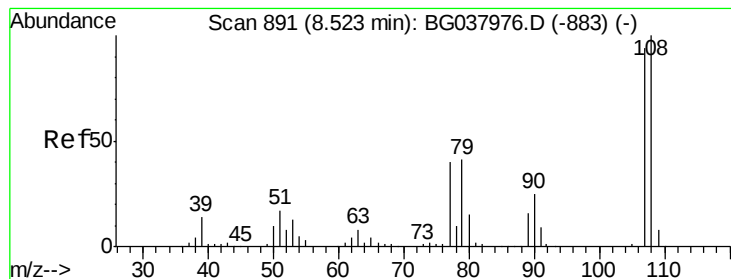
77 10.6 0.0 30.0

79 7.7 0.0 29.0



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





#17

2-Methylphenol

Concen: 47.071 ng

RT: 8.52 min Scan# 890

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

Tgt Ion:107 Resp: 123364

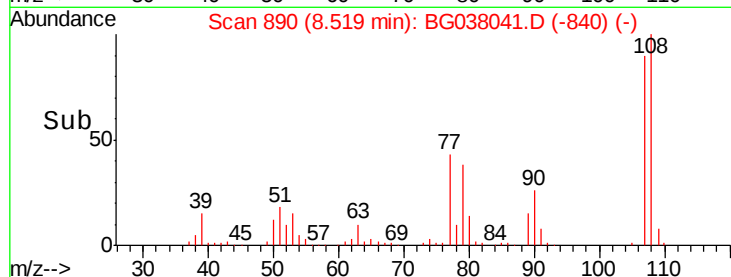
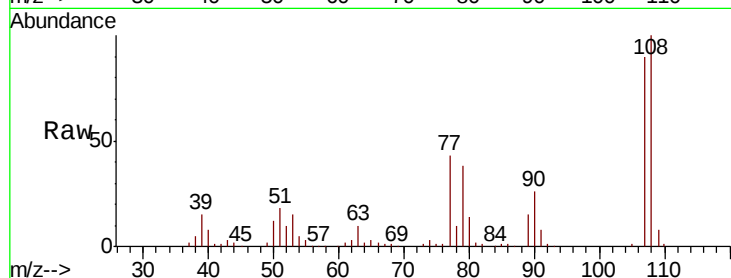
Ion Ratio Lower Upper

107 100

108 111.5 87.9 131.9

77 47.7 35.1 52.7

79 42.8 34.5 51.7

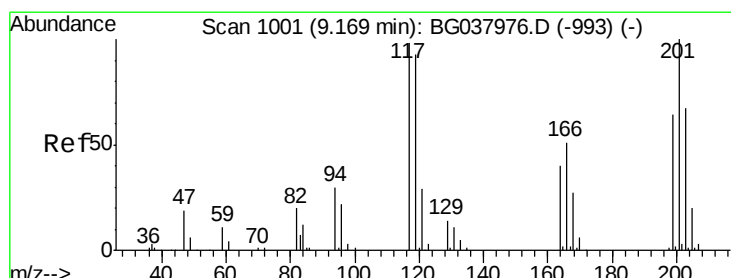
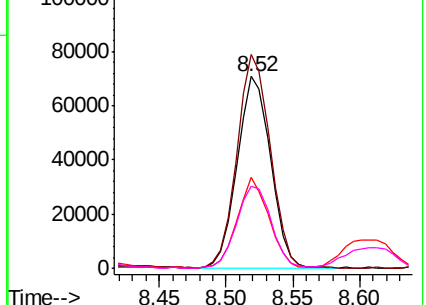


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.897 ng

RT: 9.17 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

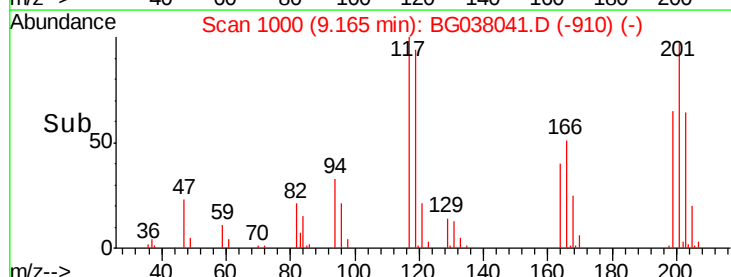
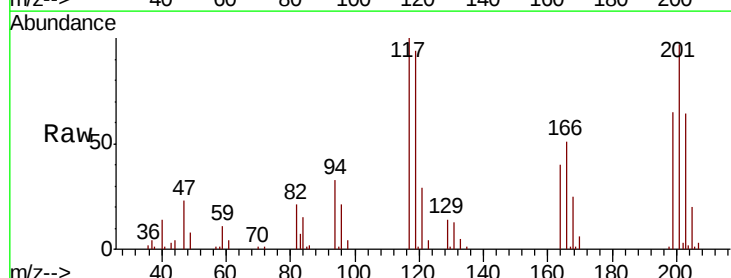
Tgt Ion:117 Resp: 52788

Ion Ratio Lower Upper

117 100

119 94.8 74.6 111.8

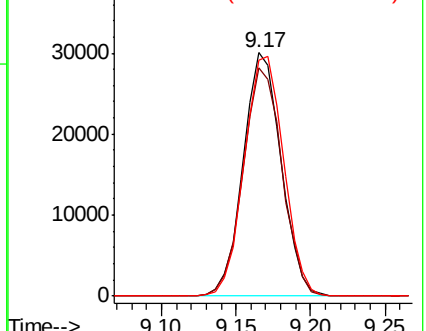
201 96.8 80.8 121.2

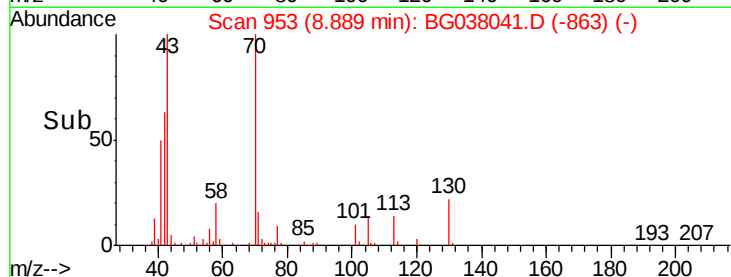
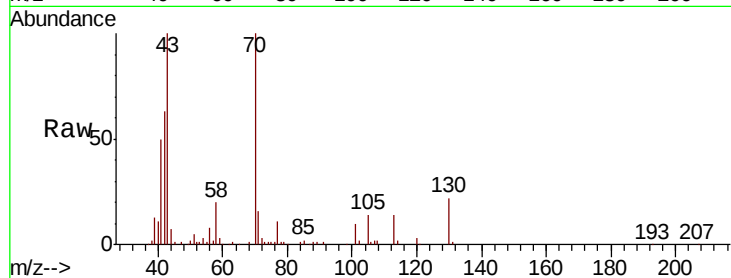
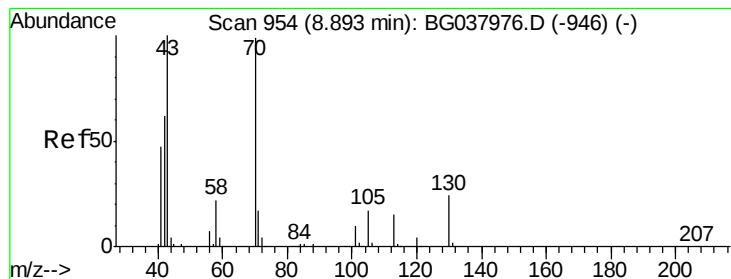


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.314 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

Tgt Ion: 70 Resp: 109404

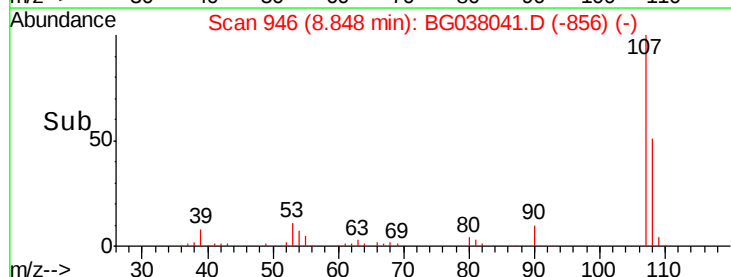
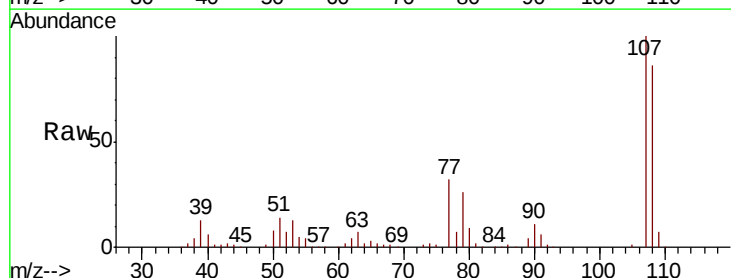
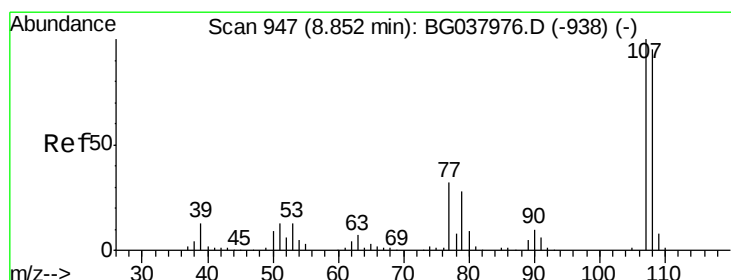
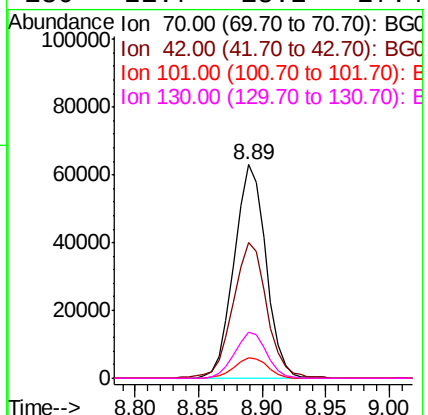
Ion Ratio Lower Upper

70 100

42 63.7 53.9 80.9

101 9.9 8.2 12.2

130 21.7 18.2 27.4



#20

3+4-Methylphenols

Concen: 45.573 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Tgt Ion: 107 Resp: 169315

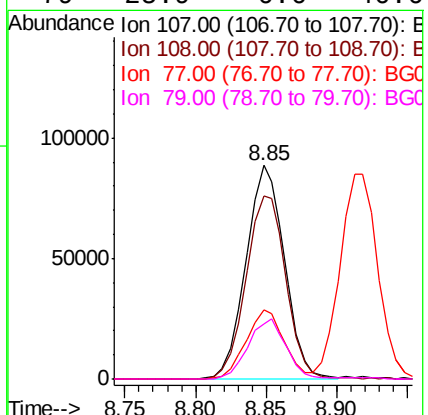
Ion Ratio Lower Upper

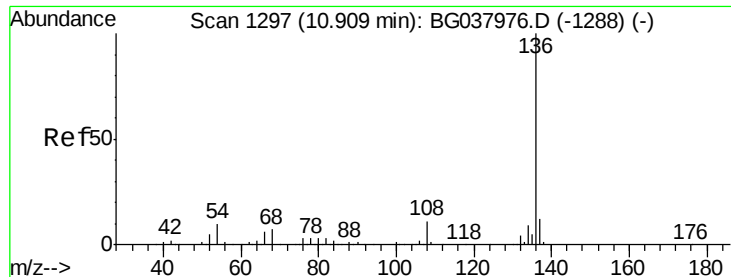
107 100

108 86.0 69.9 109.9

77 32.5 11.2 51.2

79 25.9 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: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

Tgt Ion:136 Resp: 193094

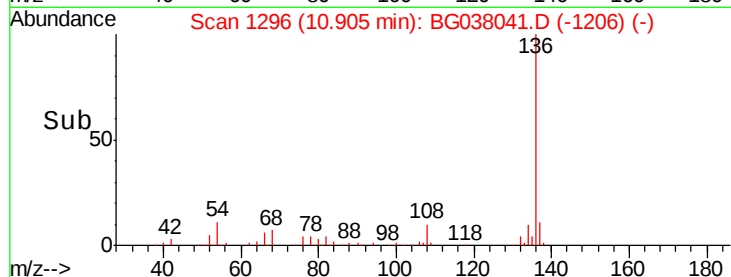
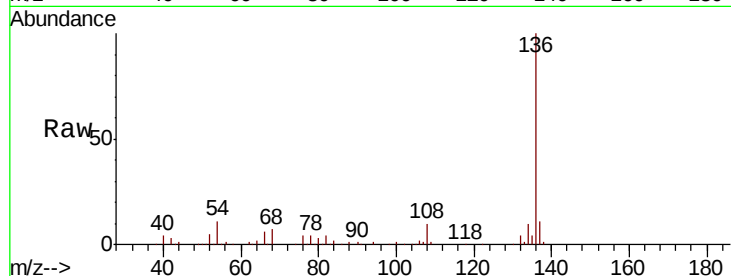
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 11.3 7.9 11.9

68 7.1 4.8 7.2

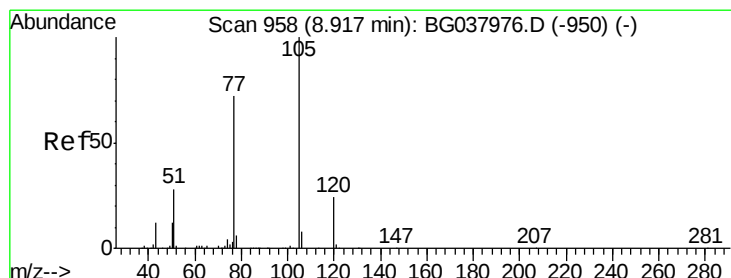
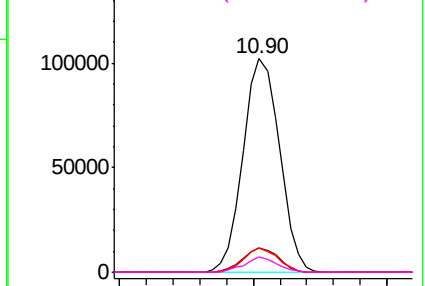


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.148 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Tgt Ion:105 Resp: 202493

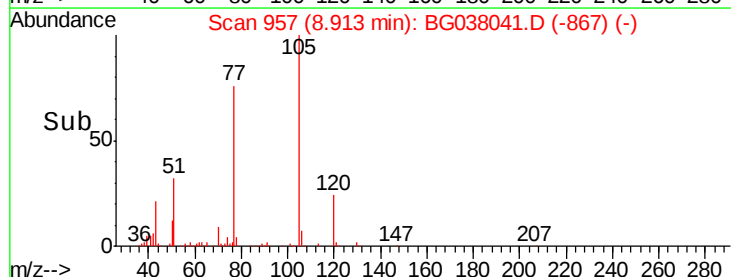
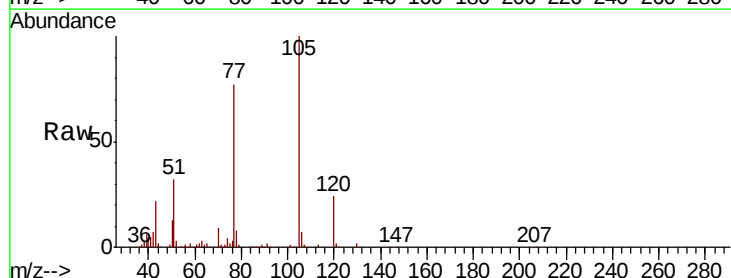
Ion Ratio Lower Upper

105 100

71 1.4 1.2 1.8

51 32.0 25.0 37.6

120 23.7 18.6 28.0

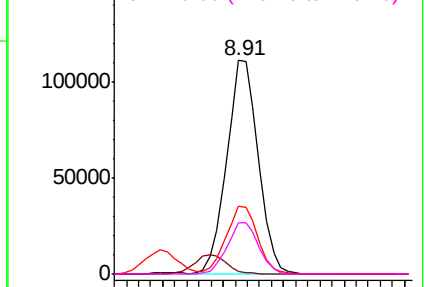


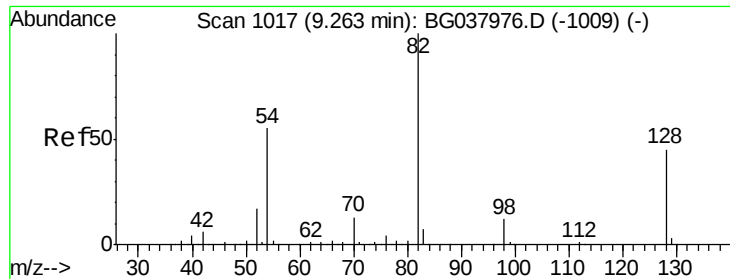
Abundance Ion 105.00 (104.70 to 105.70): E

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

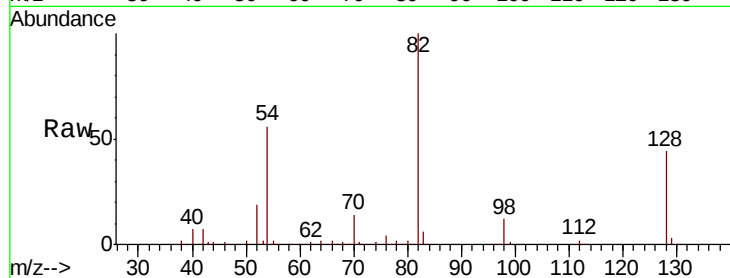




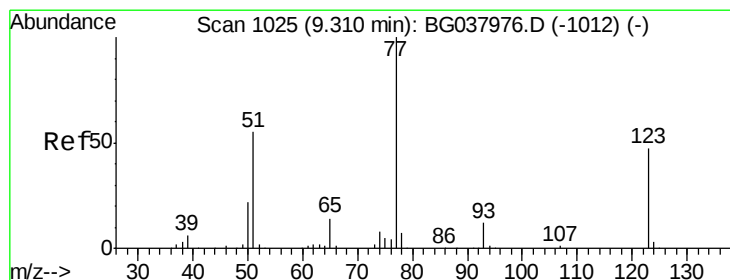
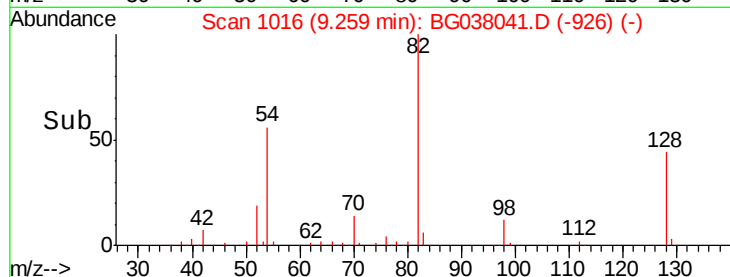
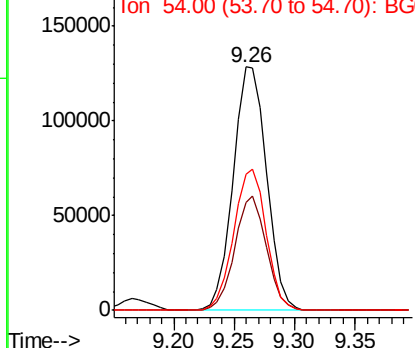
#23
 Nitrobenzene-d5
 Concen: 68.752 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

Tgt Ion: 82 Resp: 248000
 Ion Ratio Lower Upper
 82 100
 128 44.2 34.6 51.8
 54 55.7 45.3 67.9

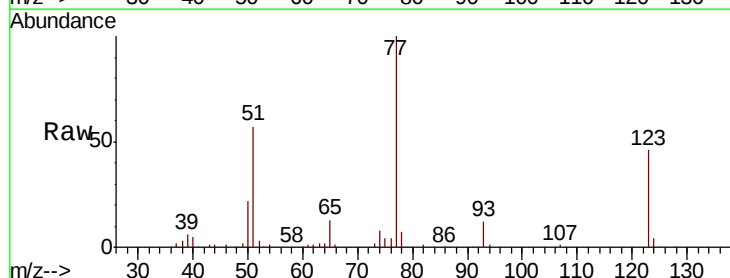


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

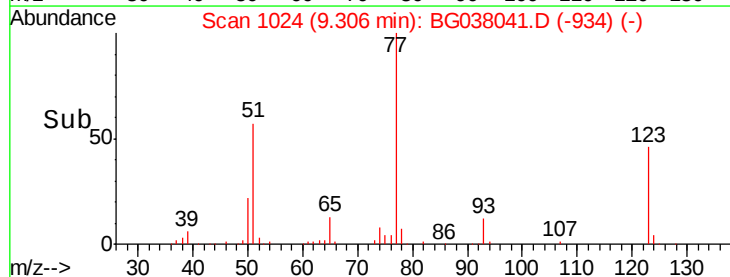
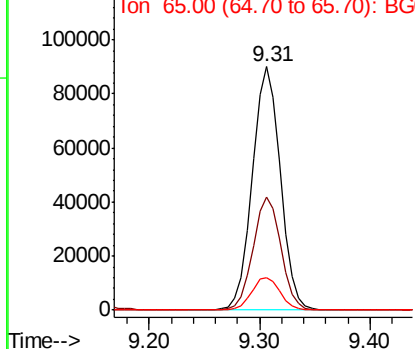


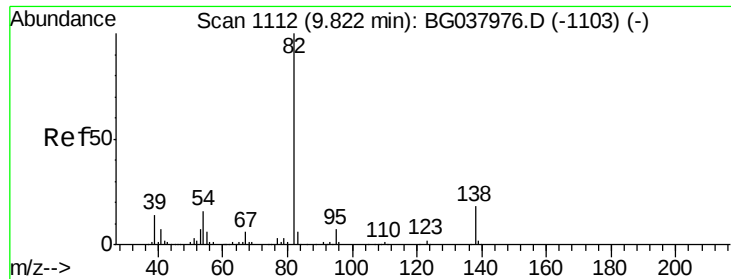
#24
 Nitrobenzene
 Concen: 43.703 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion: 77 Resp: 161265
 Ion Ratio Lower Upper
 77 100
 123 46.4 33.6 50.4
 65 13.2 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: 45.911 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

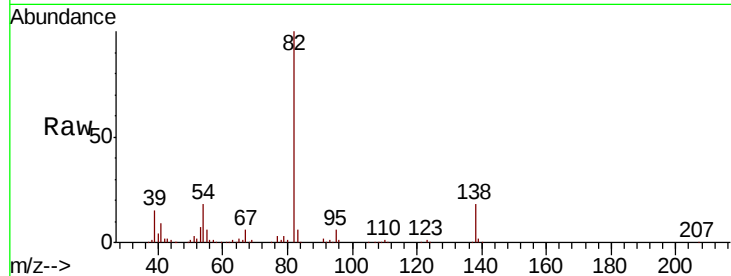
Tgt Ion: 82 Resp: 298083

Ion Ratio Lower Upper

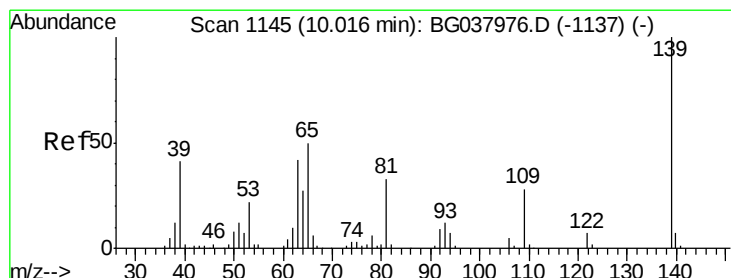
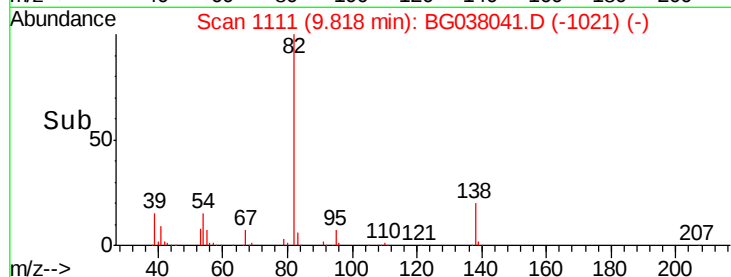
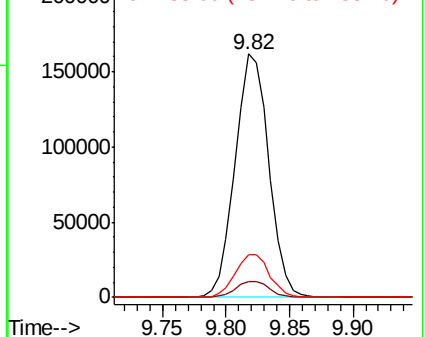
82 100

95 6.4 5.3 7.9

138 17.8 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: 42.060 ng

RT: 10.02 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

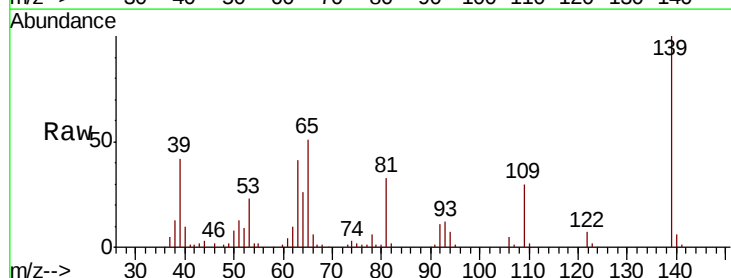
Tgt Ion: 139 Resp: 77480

Ion Ratio Lower Upper

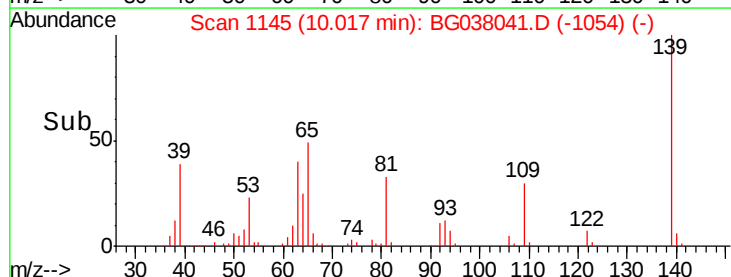
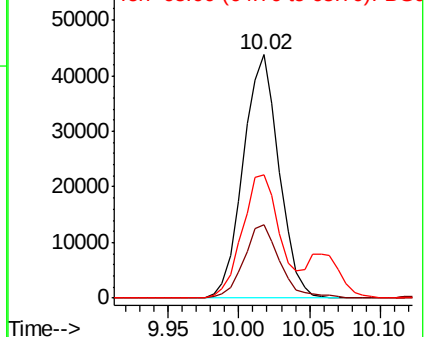
139 100

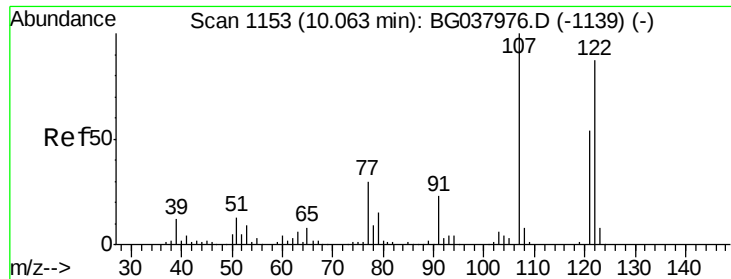
109 30.1 23.3 34.9

65 50.7 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

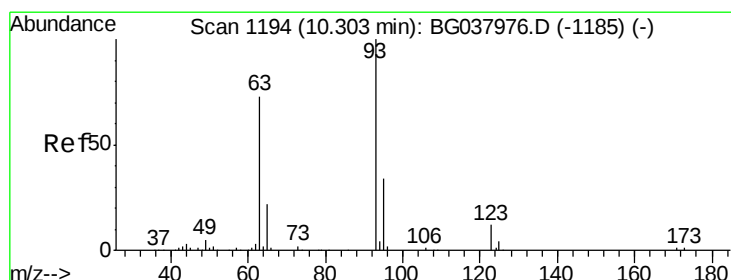
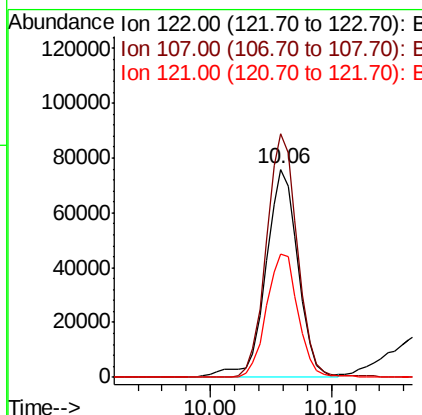
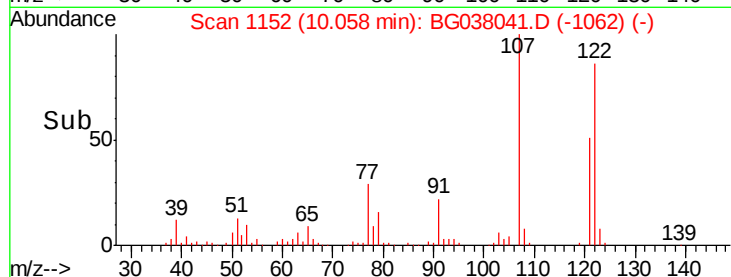
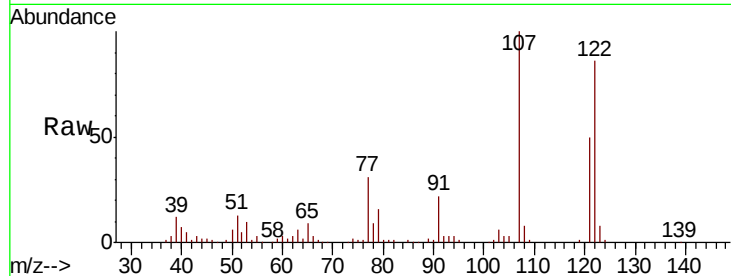




#27
2,4-Dimethylphenol
Concen: 50.559 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

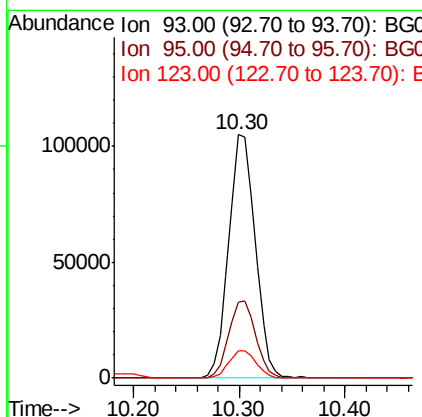
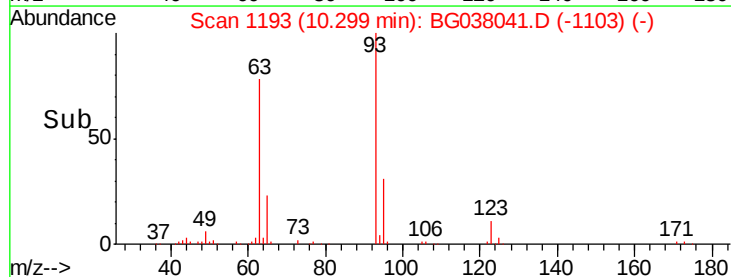
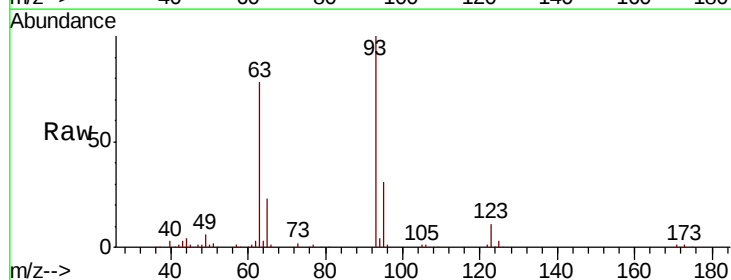
Instrument :
BNA_G
ClientSampleId :
PB114874BS

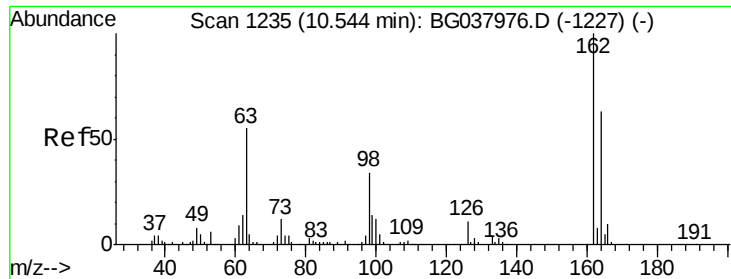
Tgt Ion:122 Resp: 140328
Ion Ratio Lower Upper
122 100
107 116.9 94.2 141.2
121 58.9 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 44.063 ng
RT: 10.30 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion: 93 Resp: 182936
Ion Ratio Lower Upper
93 100
95 31.2 24.6 37.0
123 11.2 9.1 13.7

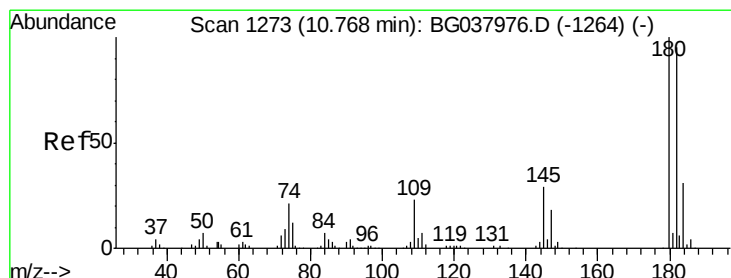
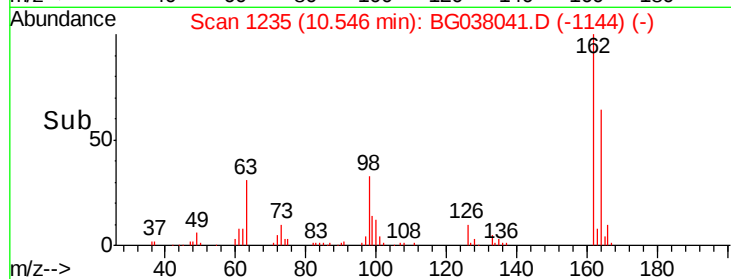
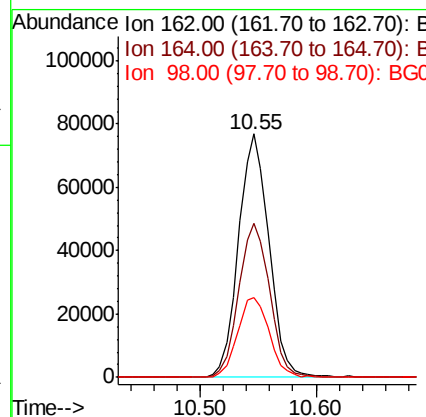
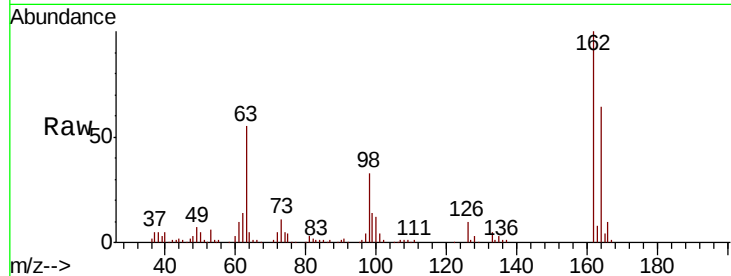




#29
 2,4-Dichlorophenol
 Concen: 44.939 ng
 RT: 10.55 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

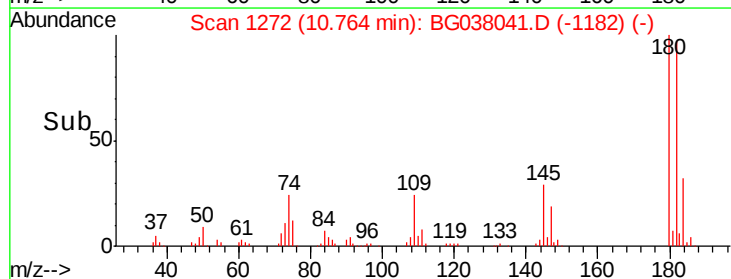
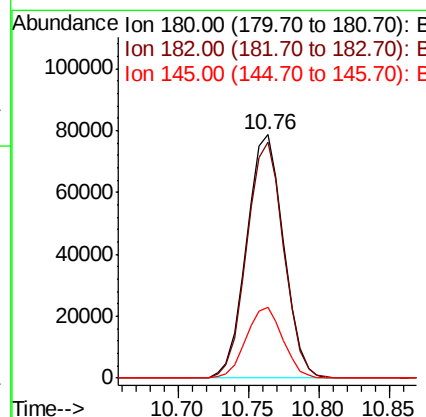
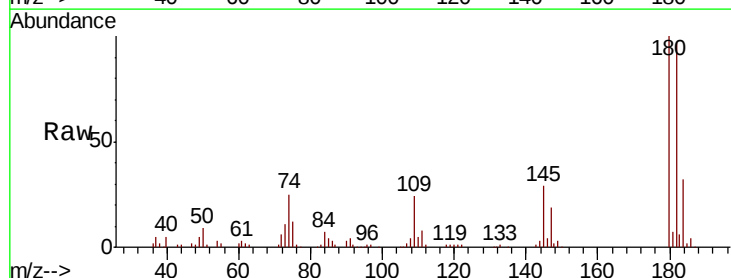
Instrument :
 BNA_G
 ClientSampleID :
 PB114874BS

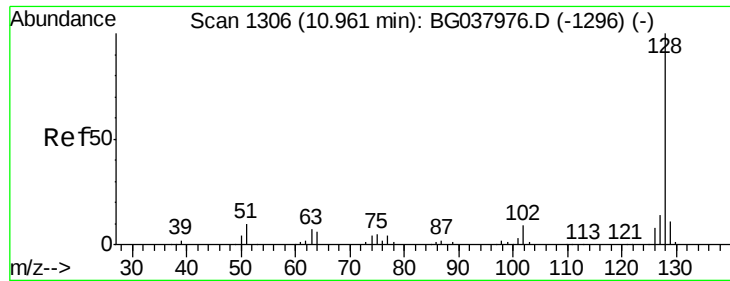
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.2	83.2
98	32.8	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.348 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.7	116.5
145	29.2	23.3	34.9

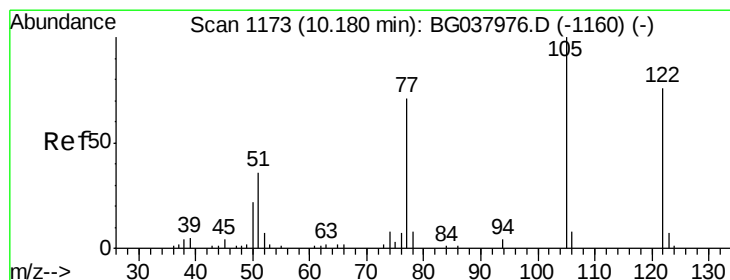
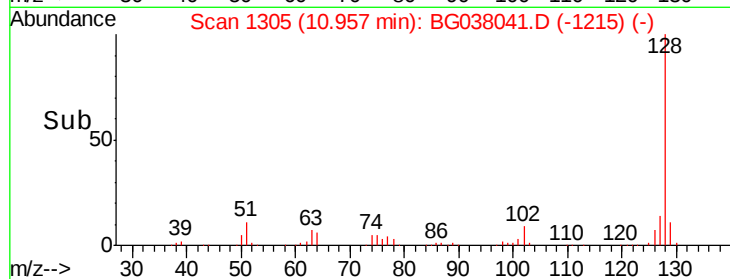
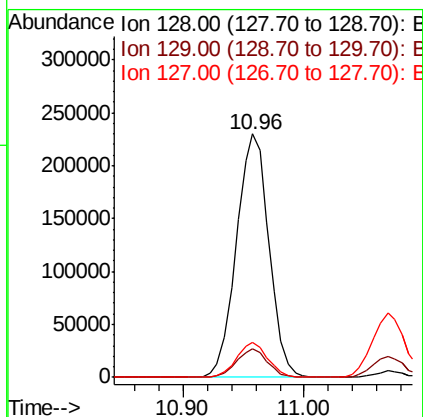
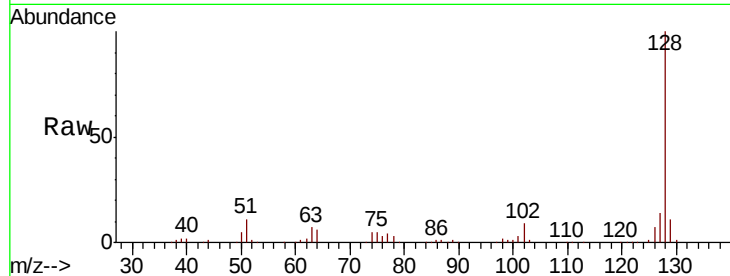




#31
Naphthalene
Concen: 45.250 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

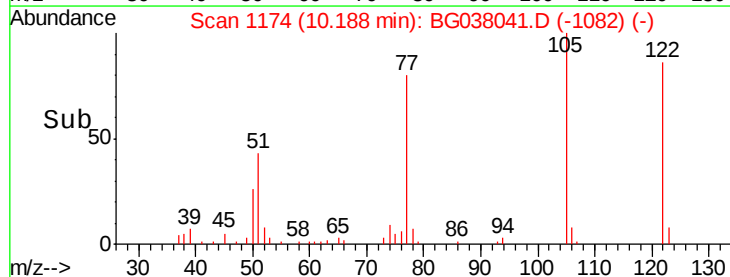
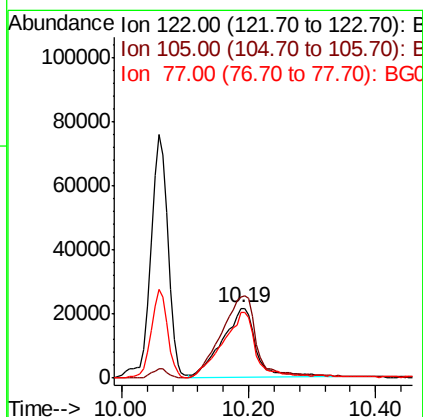
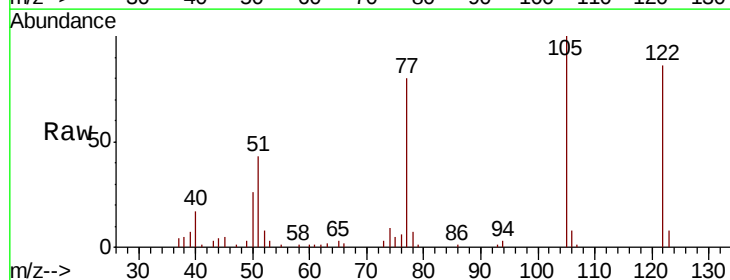
Instrument :
BNA_G
ClientSampleId :
PB114874BS

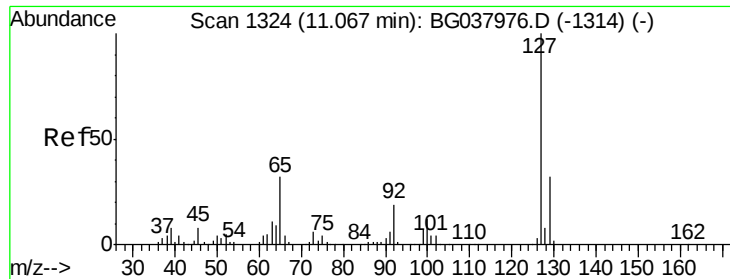
Tgt Ion:128 Resp: 429757
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 14.2 11.1 16.7



#32
Benzoic acid
Concen: 44.999 ng
RT: 10.19 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion:122 Resp: 78565
Ion Ratio Lower Upper
122 100
105 116.9 106.7 146.7
77 93.6 72.2 112.2

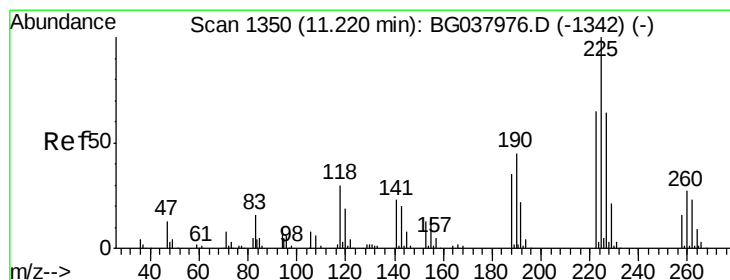
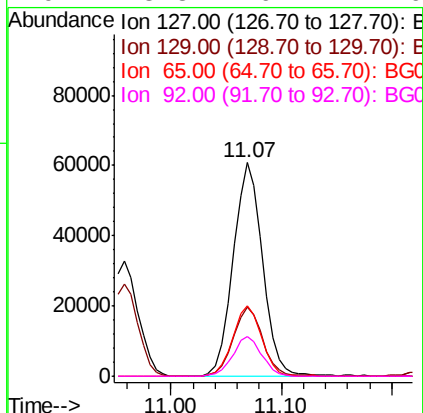
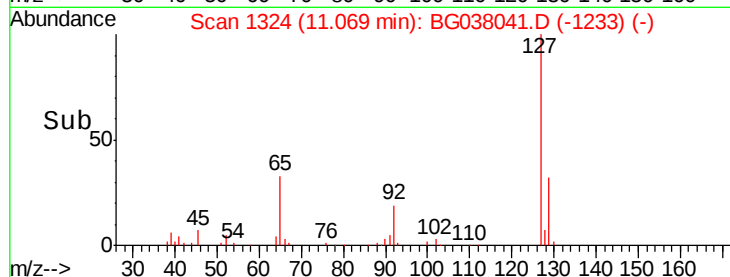
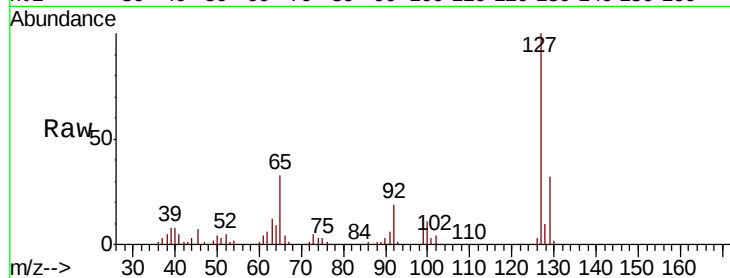




#33
4-Chloroaniline
Concen: 25.761 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

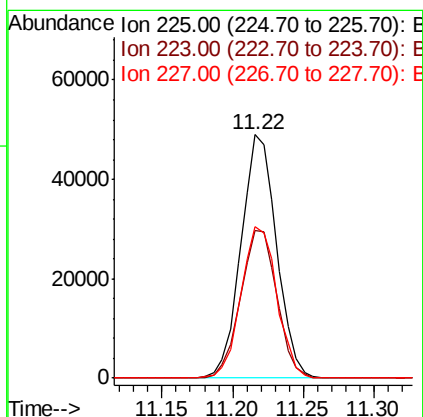
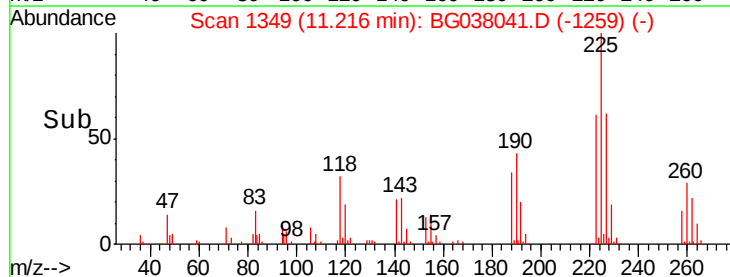
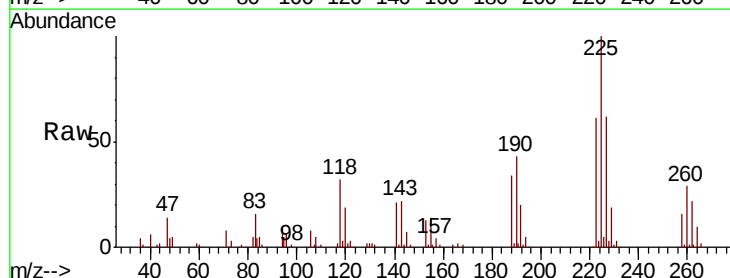
Instrument :
BNA_G
ClientSampleId :
PB114874BS

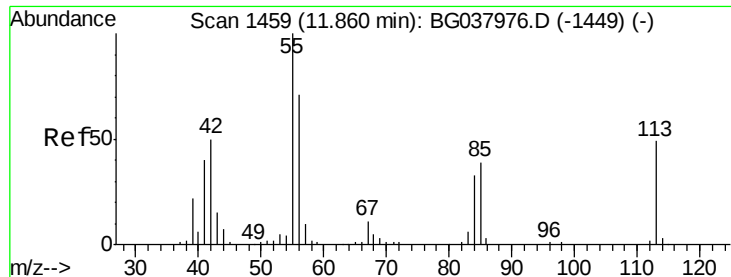
Tgt Ion:	127	Resp:	113807
Ion	Ratio	Lower	Upper
127	100		
129	32.2	27.1	40.7
65	33.0	26.6	39.8
92	18.8	16.4	24.6



#34
Hexachlorobutadiene
Concen: 40.091 ng
RT: 11.22 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion:	225	Resp:	86321
Ion	Ratio	Lower	Upper
225	100		
223	64.1	48.2	72.4
227	65.3	51.6	77.4





#35

Caprolactam

Concen: 24.918 ng

RT: 11.86 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

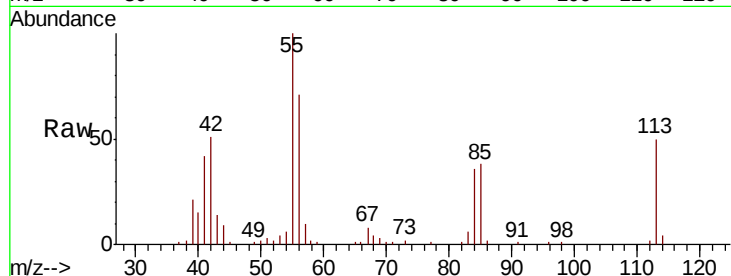
Tgt Ion:113 Resp: 31138

Ion Ratio Lower Upper

113 100

55 198.5 176.6 216.6

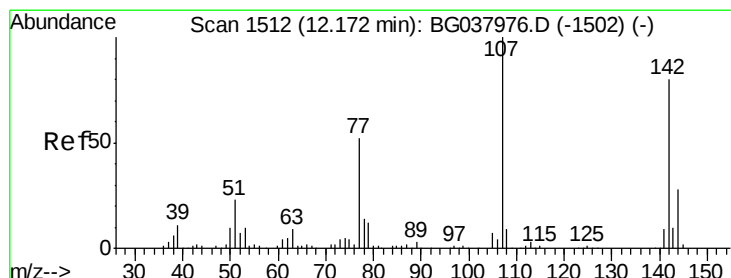
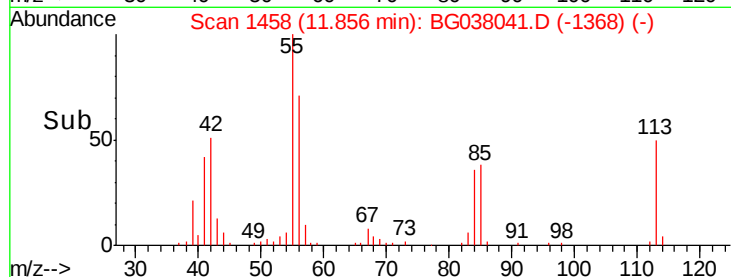
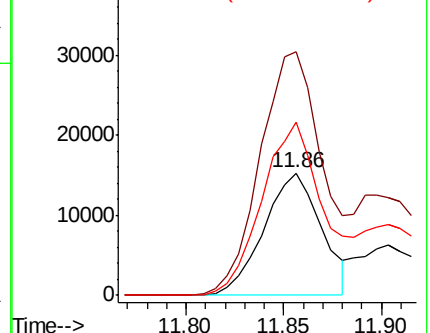
56 141.0 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037976.D (-1449) (-)

Ion 56.00 (55.70 to 56.70): BG037976.D (-1449) (-)



#36

4-Chloro-3-methylphenol

Concen: 43.398 ng

RT: 12.17 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

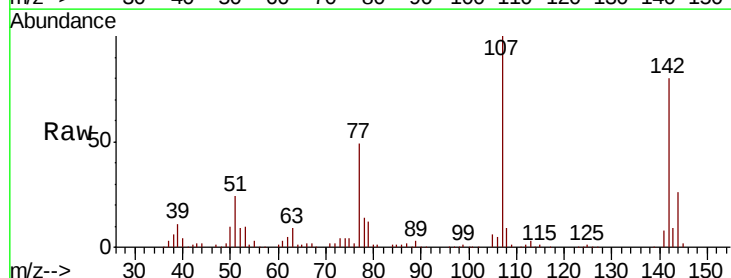
Tgt Ion:107 Resp: 148021

Ion Ratio Lower Upper

107 100

144 25.7 20.7 31.1

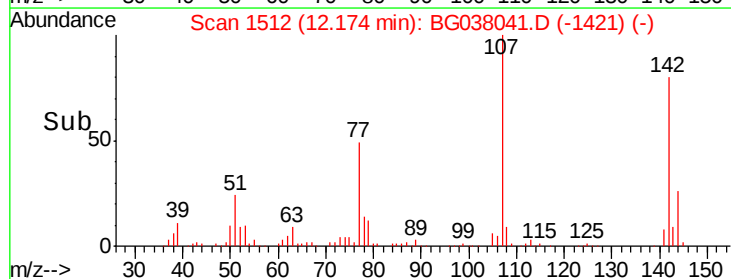
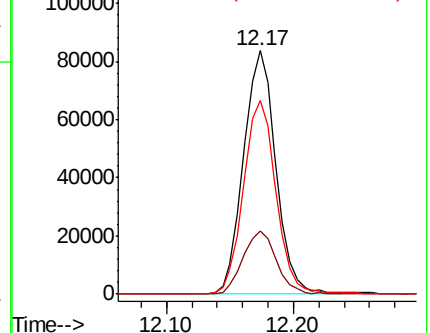
142 79.6 64.4 96.6

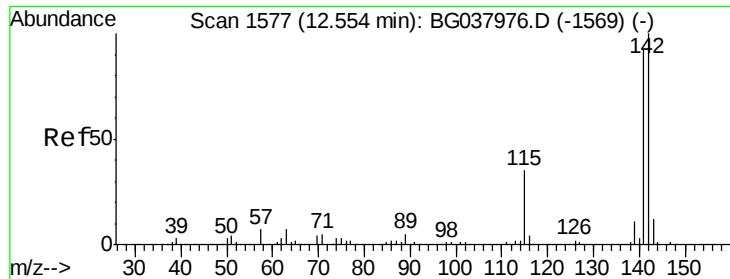


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

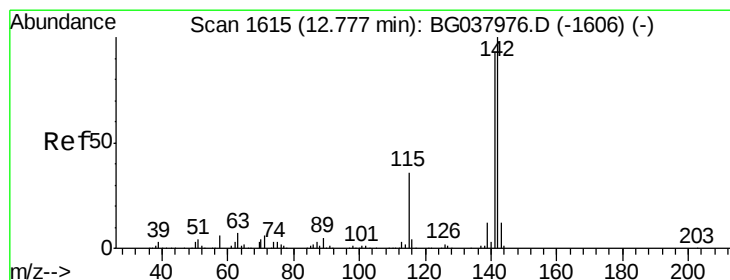
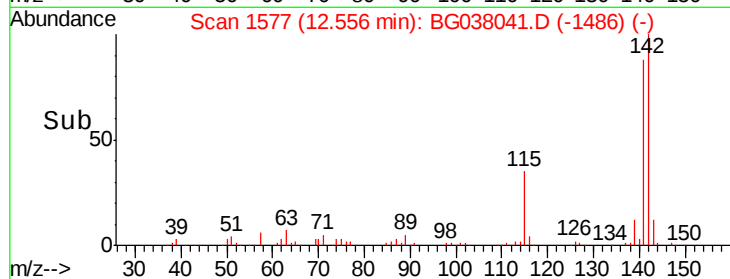
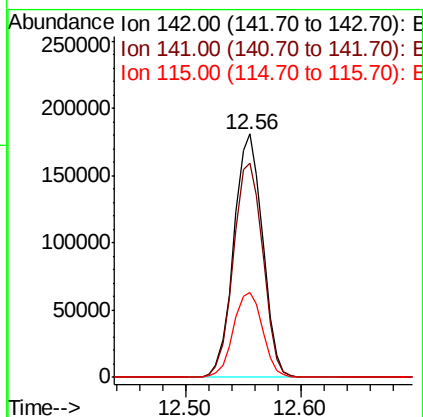
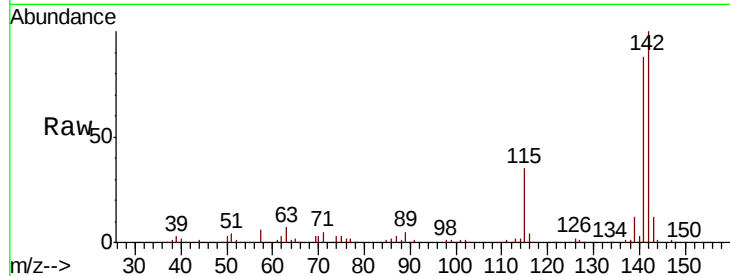




#37
 2-Methylnaphthalene
 Concen: 45.848 ng
 RT: 12.56 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

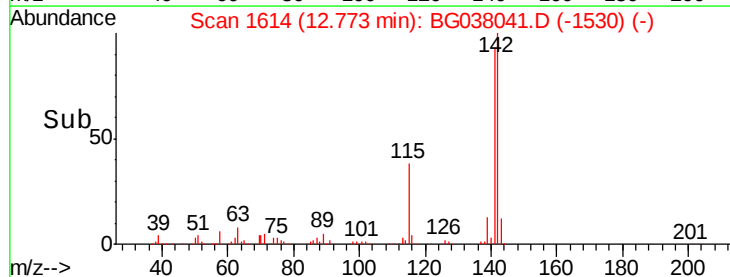
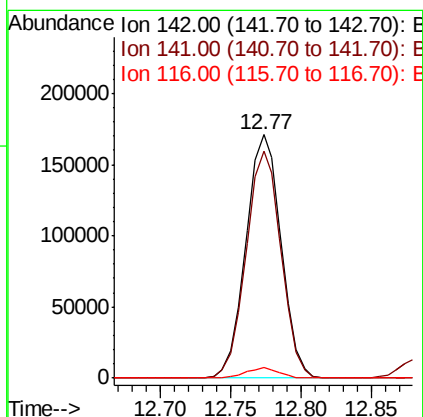
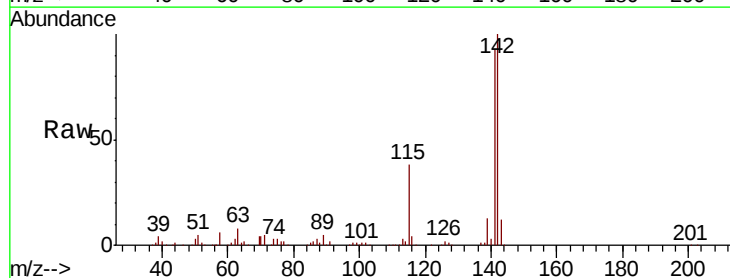
Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

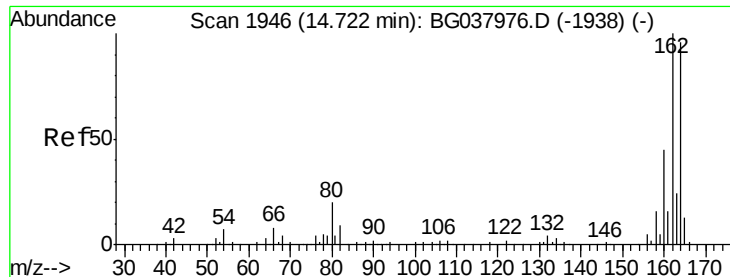
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.9	107.9
115	34.9	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 45.370 ng
 RT: 12.77 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.2	112.8
116	4.1	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

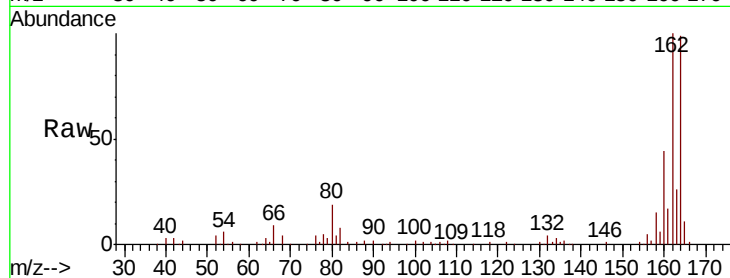
Tgt Ion:164 Resp: 116696

Ion Ratio Lower Upper

164 100

162 101.4 81.3 121.9

160 45.0 36.3 54.5

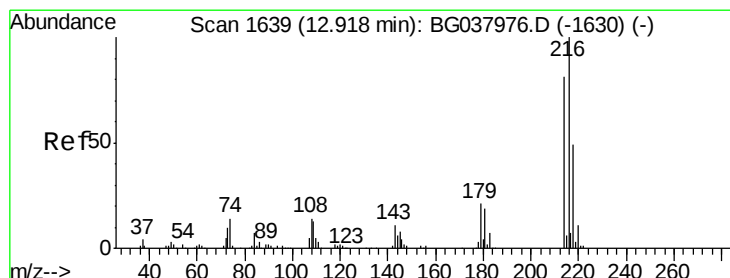
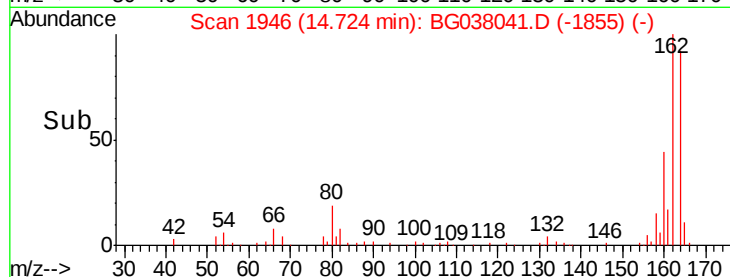
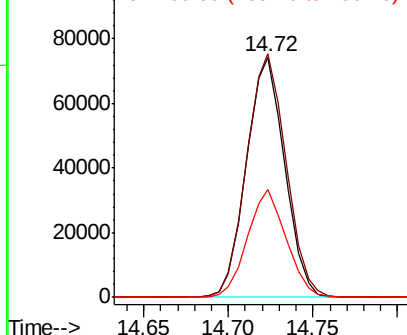


Abundance

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: 40.924 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Tgt Ion:216 Resp: 159581

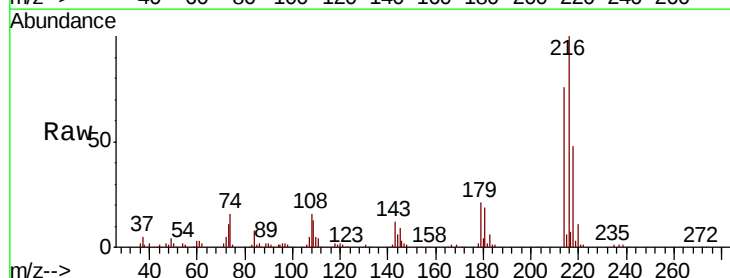
Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.6

179 21.1 17.4 26.0

108 19.7 13.9 20.9



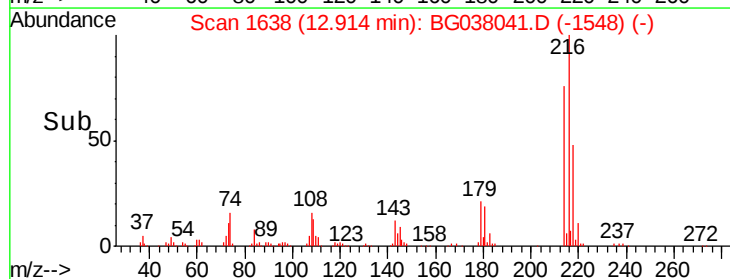
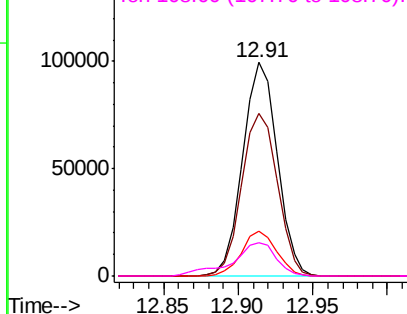
Abundance

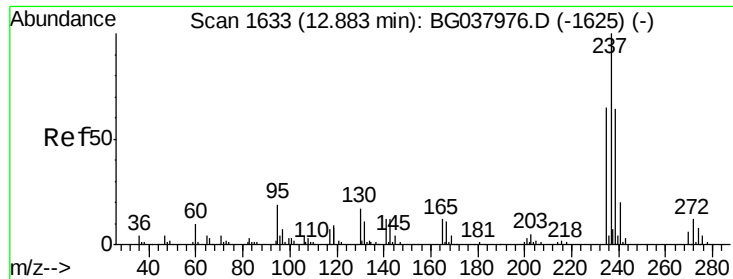
Ion 216.00 (215.70 to 216.70): E

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: 89.266 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

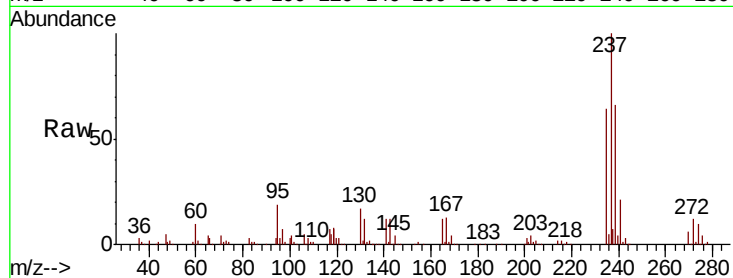
Tgt Ion: 237 Resp: 186393

Ion Ratio Lower Upper

237 100

235 64.4 42.5 82.5

272 12.4 0.0 31.6

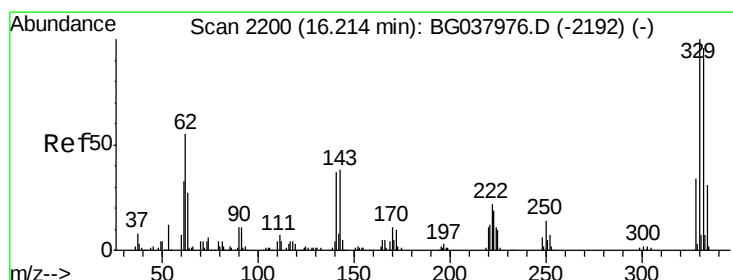
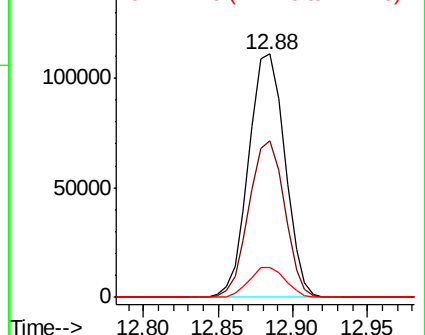
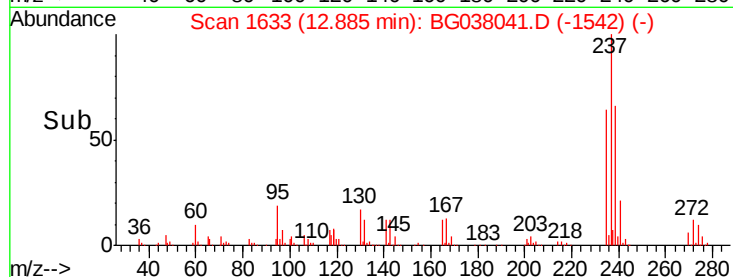


Abundance

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: 129.920 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

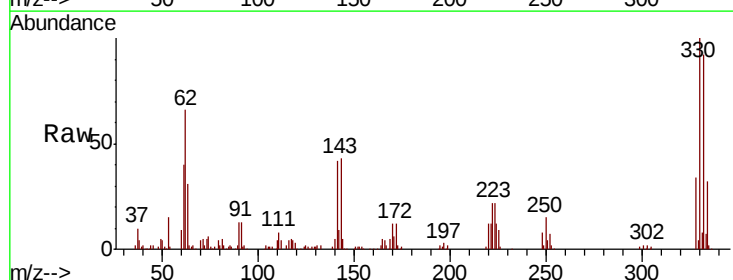
Tgt Ion: 330 Resp: 172909

Ion Ratio Lower Upper

330 100

332 95.0 78.4 117.6

141 41.2 32.2 48.2

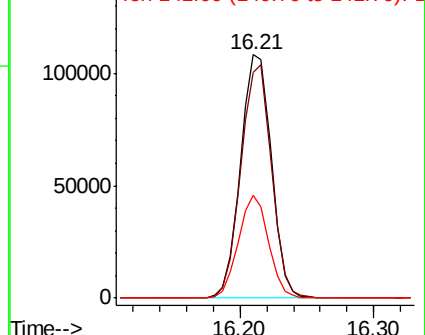
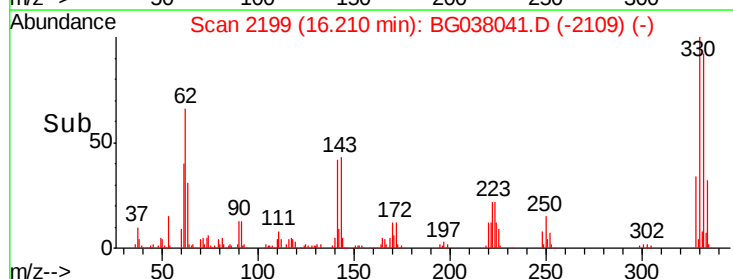


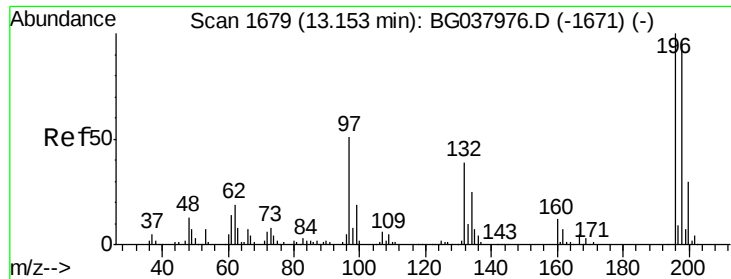
Abundance

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

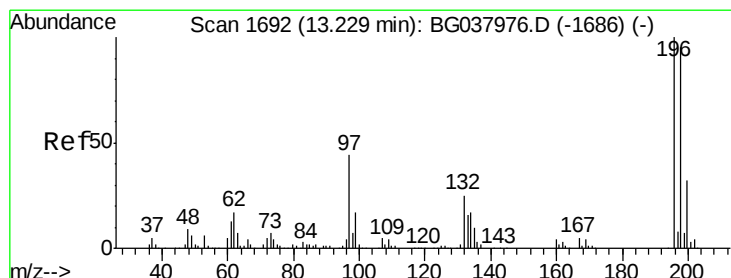
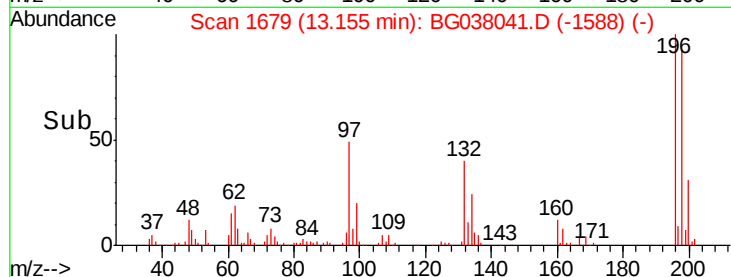
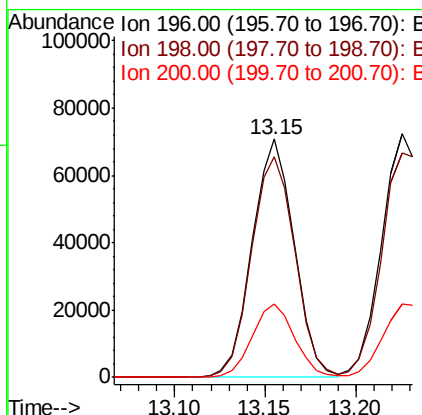
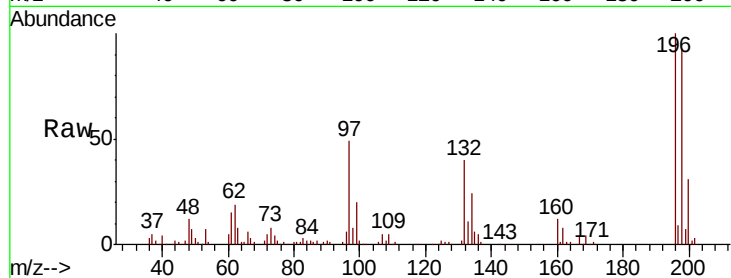




#43
 2,4,6-Trichlorophenol
 Concen: 42.779 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

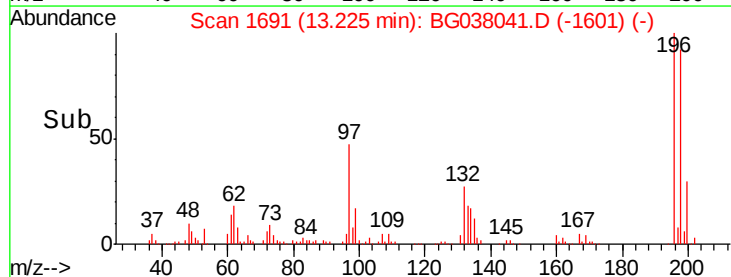
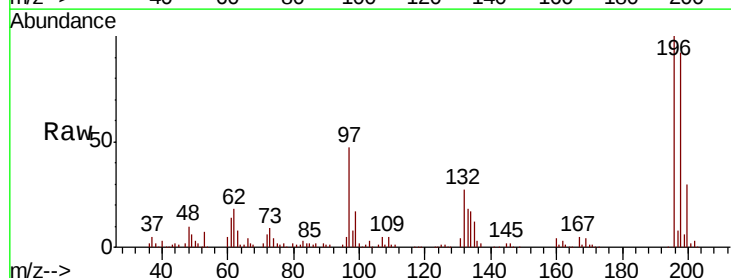
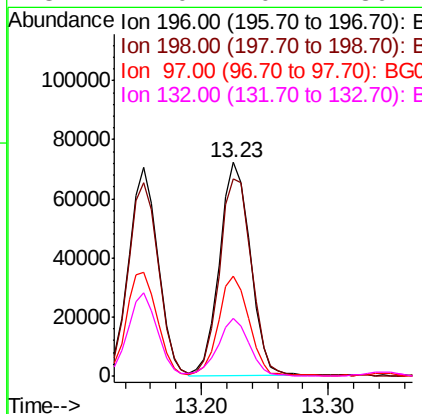
Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

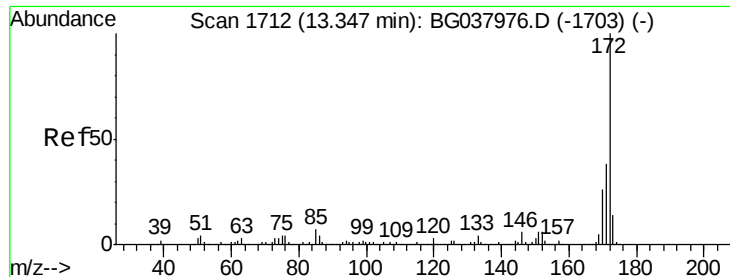
Tgt Ion:196 Resp: 113673
 Ion Ratio Lower Upper
 196 100
 198 92.6 76.4 114.6
 200 31.0 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 43.531 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion:196 Resp: 121709
 Ion Ratio Lower Upper
 196 100
 198 92.4 74.2 111.2
 97 47.0 34.1 51.1
 132 27.0 20.2 30.4

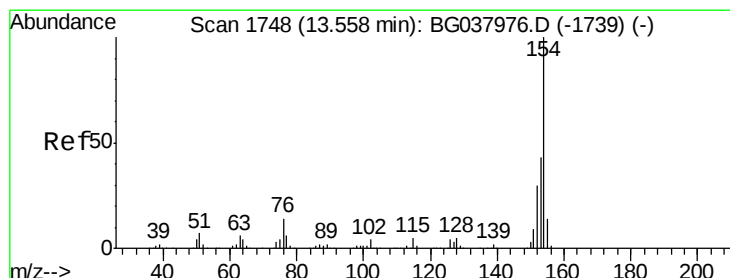
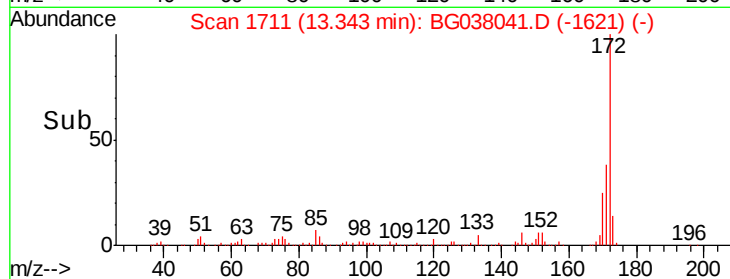
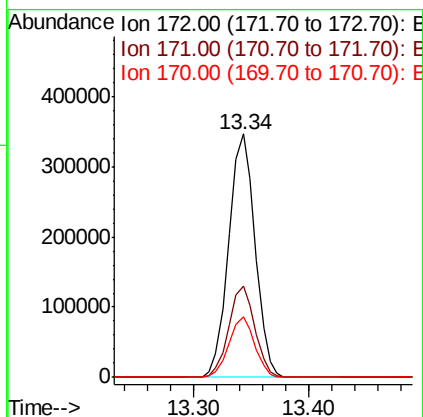
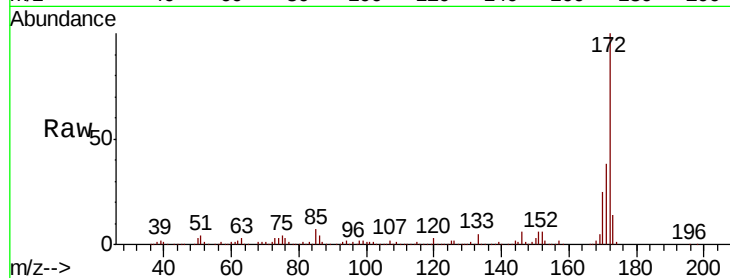




#45
 2-Fluorobiphenyl
 Concen: 68.202 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

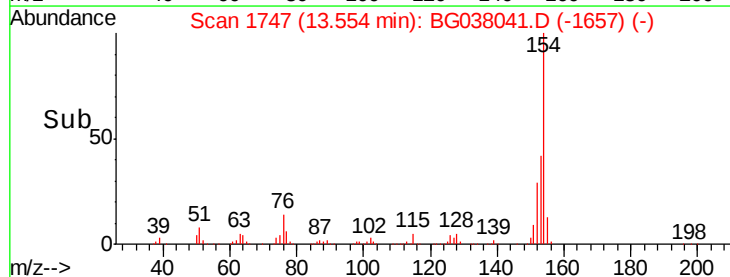
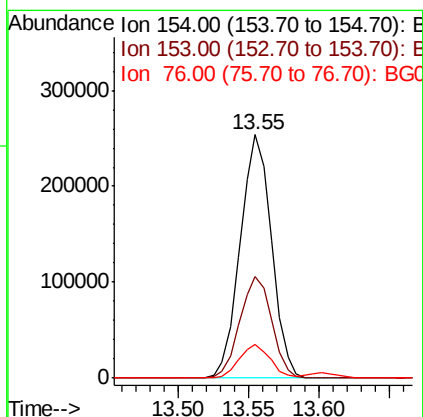
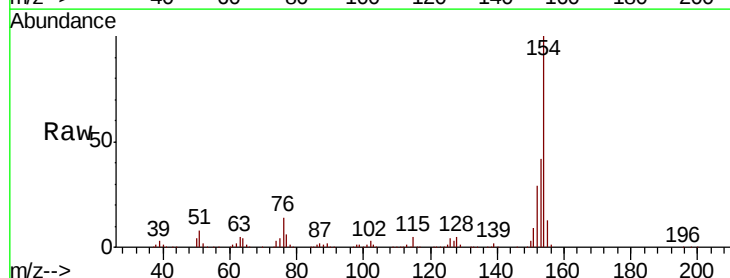
Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

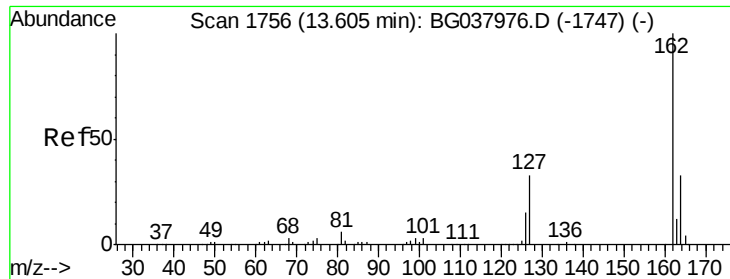
Tgt Ion:172 Resp: 546311
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.0 46.4
 170 25.1 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 40.216 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion:154 Resp: 394271
 Ion Ratio Lower Upper
 154 100
 153 41.6 22.1 62.1
 76 13.6 0.0 33.2

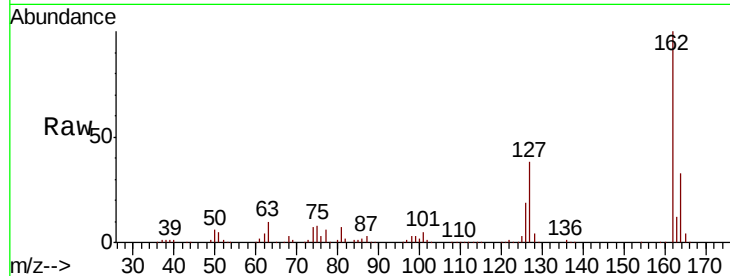




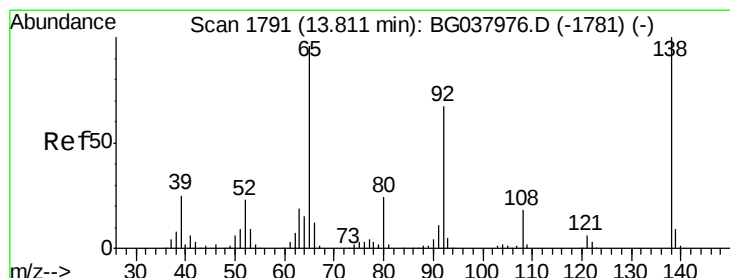
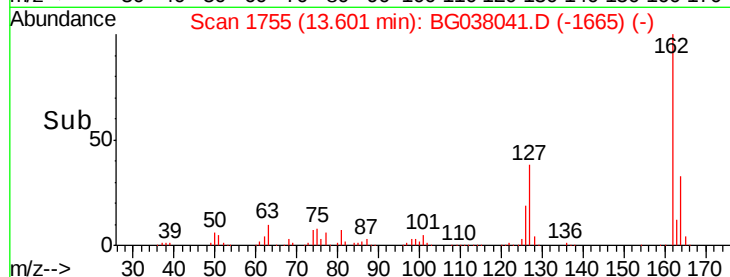
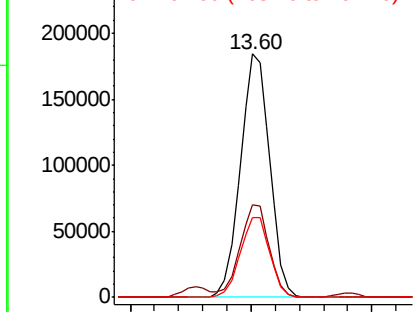
#47
 2-Chloronaphthalene
 Concen: 41.589 ng
 RT: 13.60 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

Tgt Ion: 162 Resp: 311130
 Ion Ratio Lower Upper
 162 100
 127 38.2 30.5 45.7
 164 32.7 26.4 39.6

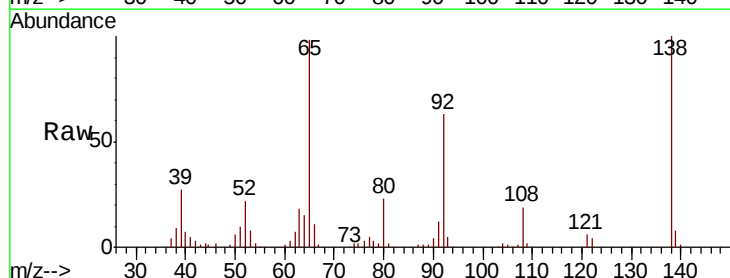


Abundance Ion 162.00 (161.70 to 162.70): E
 250000
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

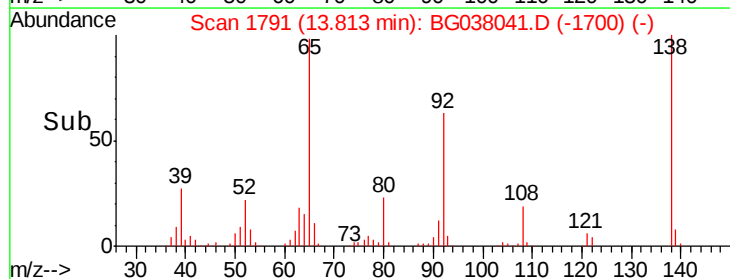
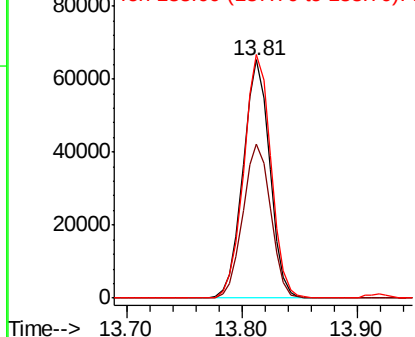


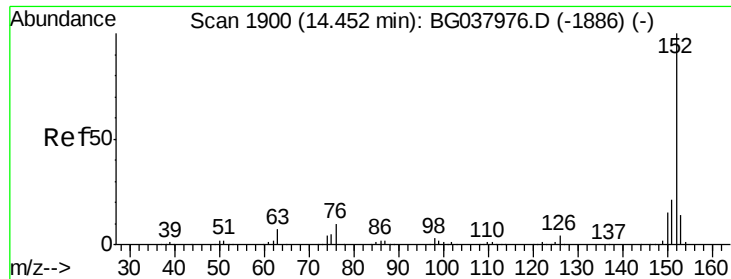
#48
 2-Nitroaniline
 Concen: 44.614 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion: 65 Resp: 105044
 Ion Ratio Lower Upper
 65 100
 92 64.9 53.2 79.8
 138 102.3 79.3 118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
 80000
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.810 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

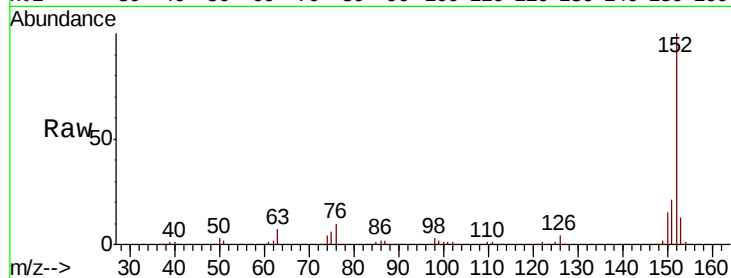
Tgt Ion:152 Resp: 515362

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

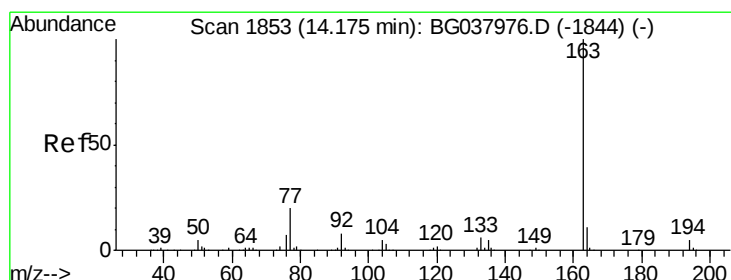
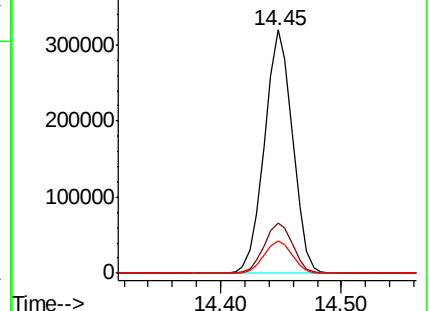
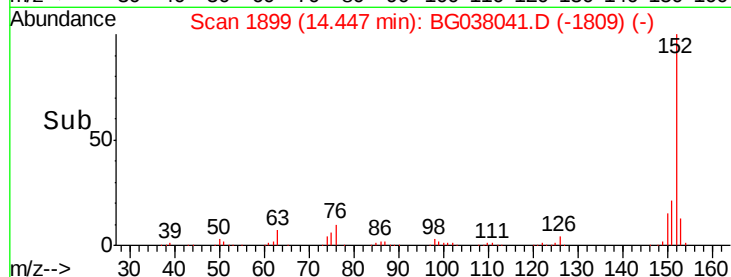
153 13.4 11.1 16.7



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: 43.241 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

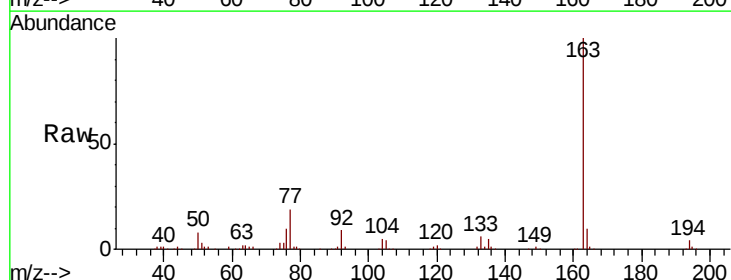
Tgt Ion:163 Resp: 400035

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

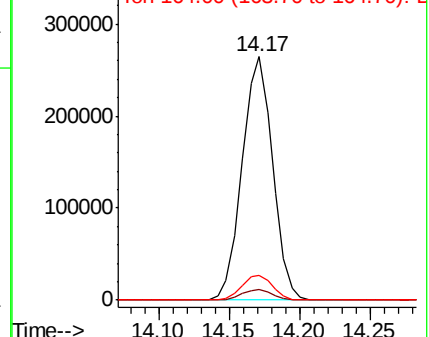
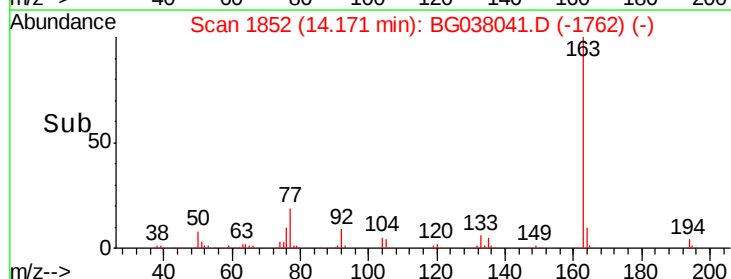
164 9.9 8.5 12.7

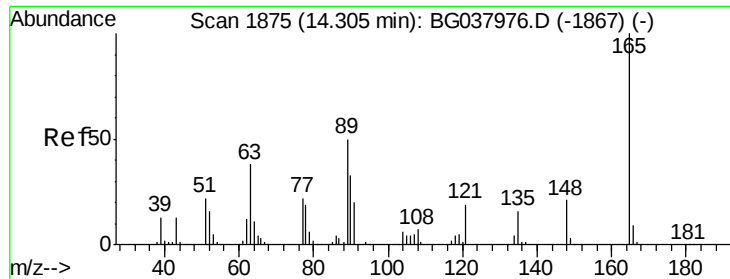


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

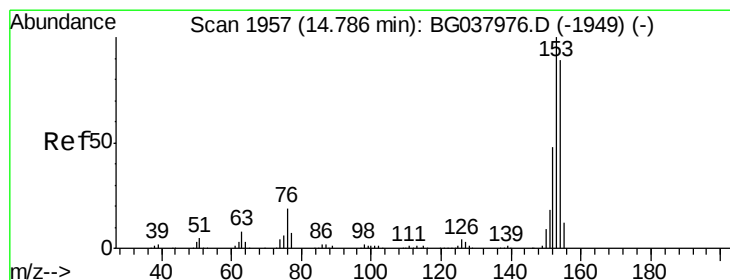
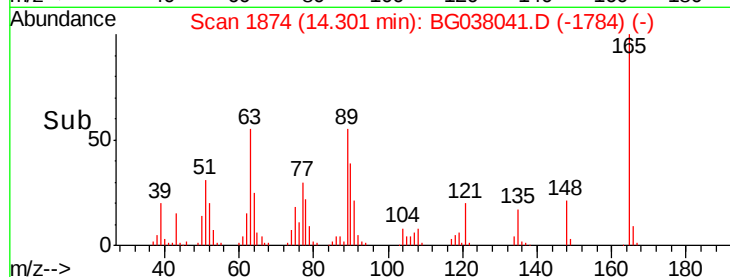
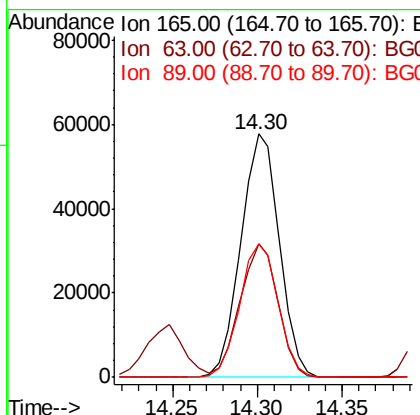
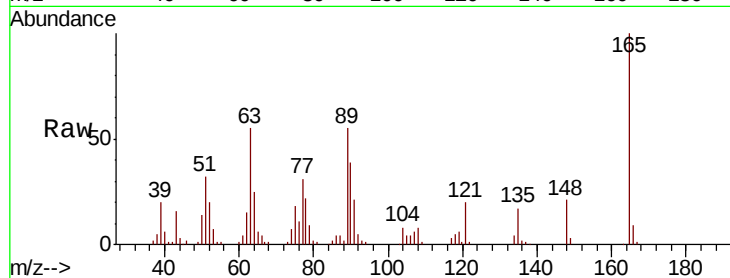




#51
 2,6-Dinitrotoluene
 Concen: 43.558 ng
 RT: 14.30 min Scan# 1874
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

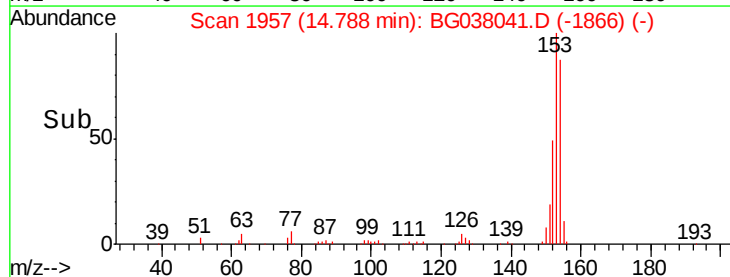
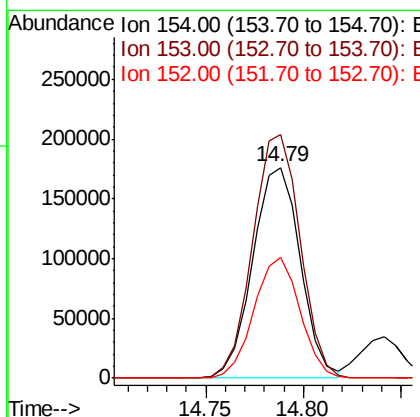
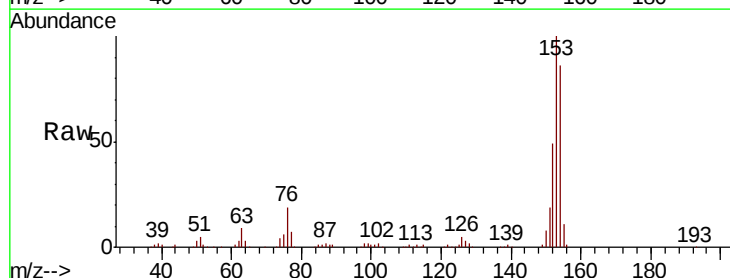
Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

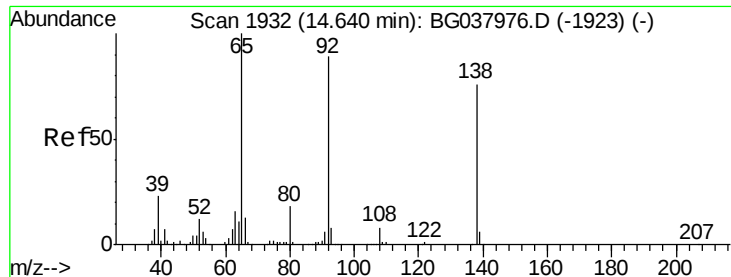
Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.9	43.4	65.2
89	54.8	45.8	68.6



#52
 Acenaphthene
 Concen: 43.695 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.6	93.4	140.0
152	57.2	44.7	67.1

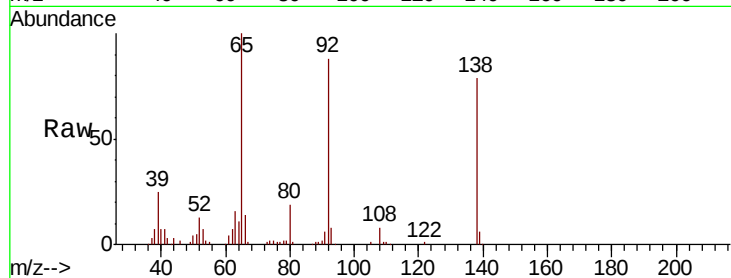




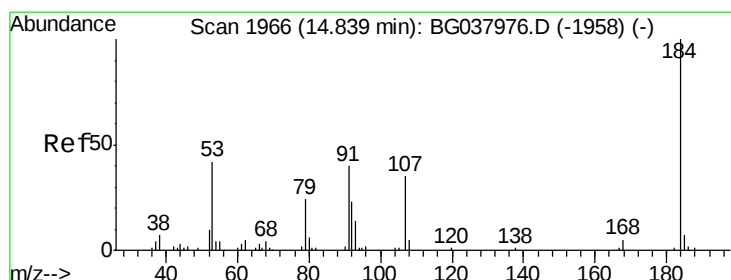
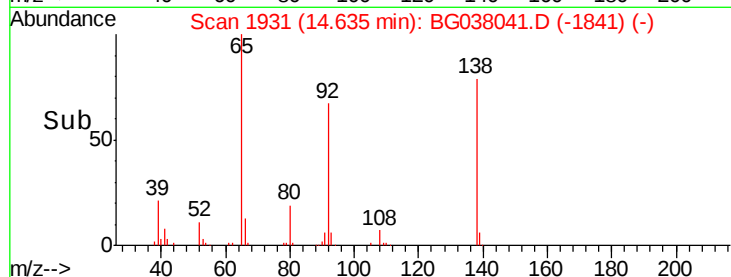
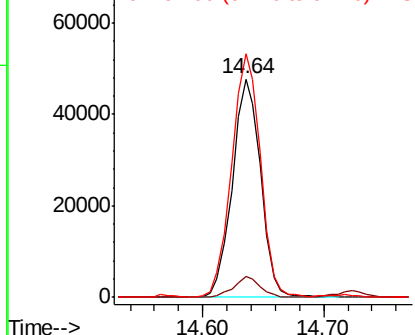
#53
3-Nitroaniline
Concen: 33.706 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tgt Ion:138 Resp: 77877
Ion Ratio Lower Upper
138 100
108 9.7 11.0 16.6#
92 111.6 95.2 142.8

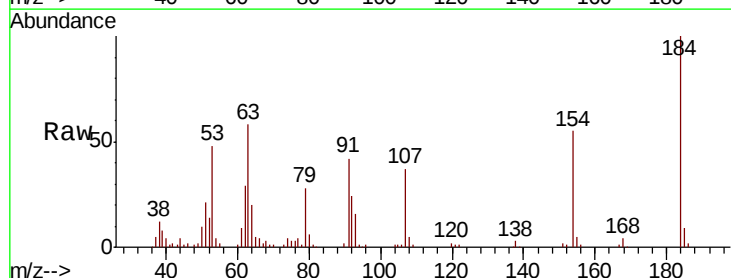


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

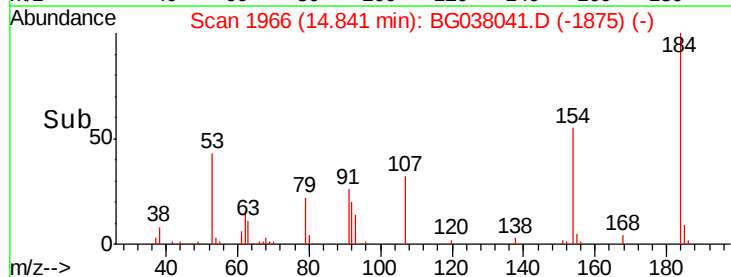
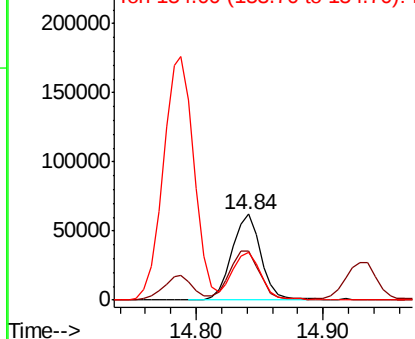


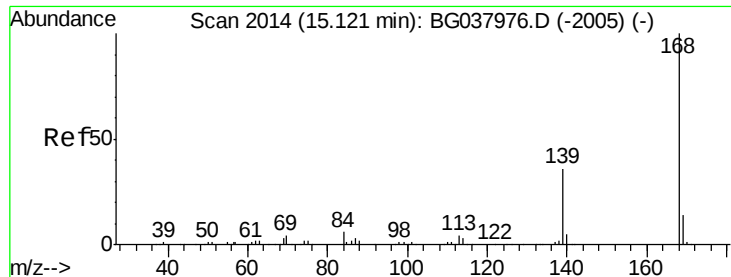
#54
2,4-Dinitrophenol
Concen: 86.675 ng
RT: 14.84 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion:184 Resp: 98937
Ion Ratio Lower Upper
184 100
63 57.6 42.6 63.8
154 54.9 41.8 62.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

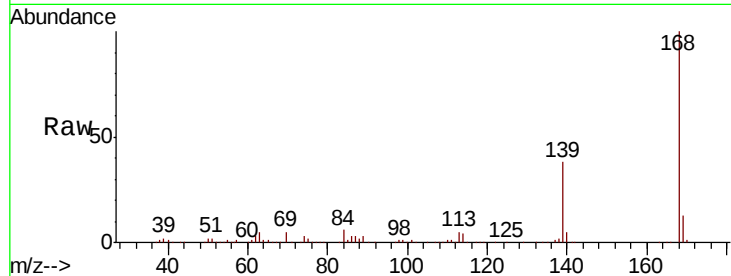




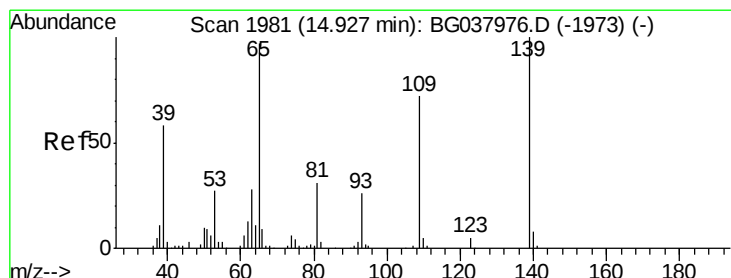
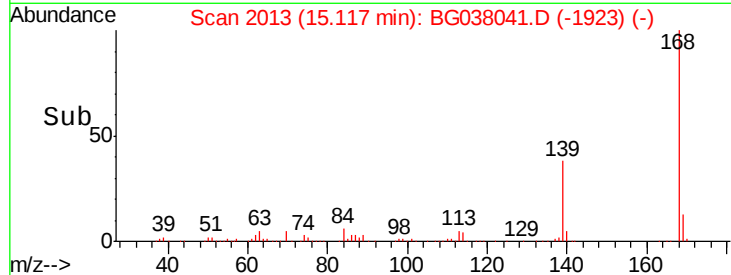
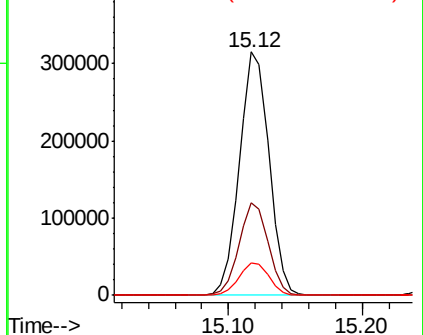
#55
Dibenzofuran
Concen: 43.067 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tgt Ion:168 Resp: 482310
Ion Ratio Lower Upper
168 100
139 37.8 29.4 44.0
169 13.3 11.0 16.6

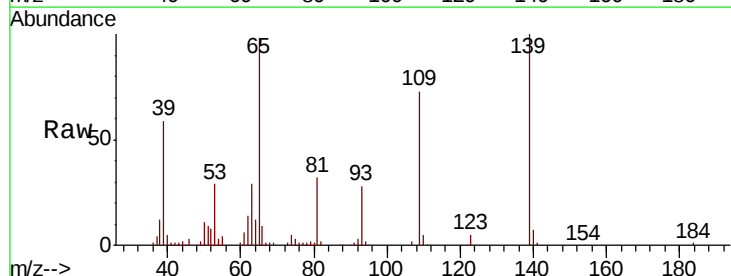


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

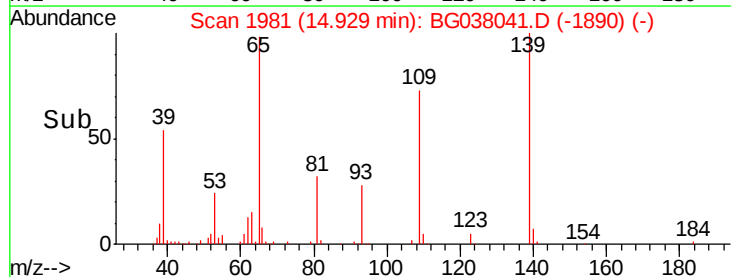
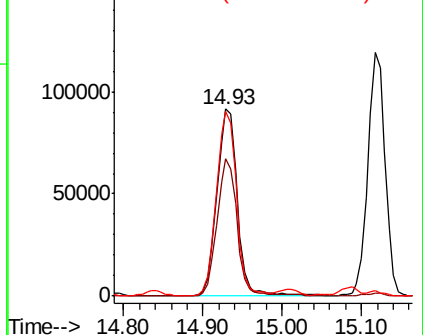


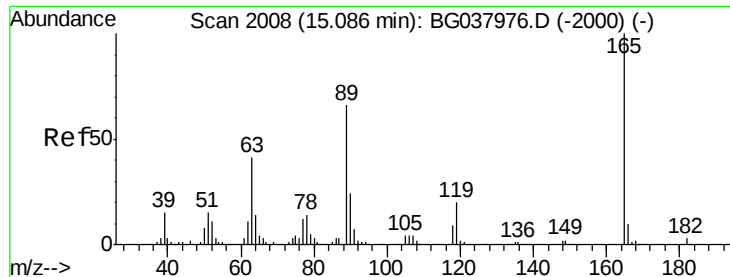
#56
4-Nitrophenol
Concen: 92.068 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion:139 Resp: 164061
Ion Ratio Lower Upper
139 100
109 73.4 49.5 89.5
65 98.4 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): BGC

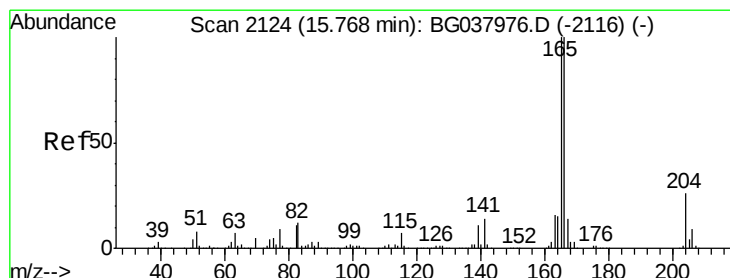
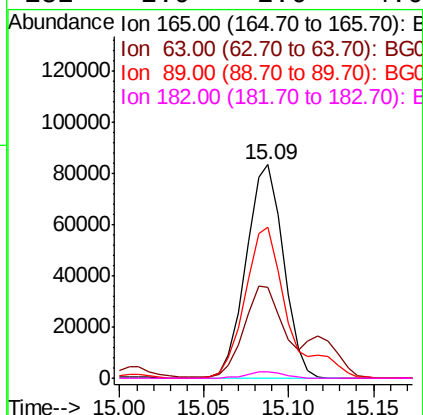
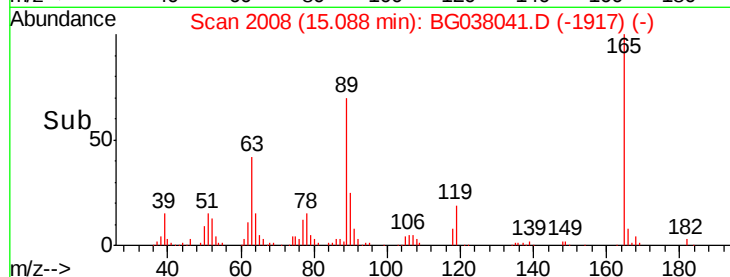
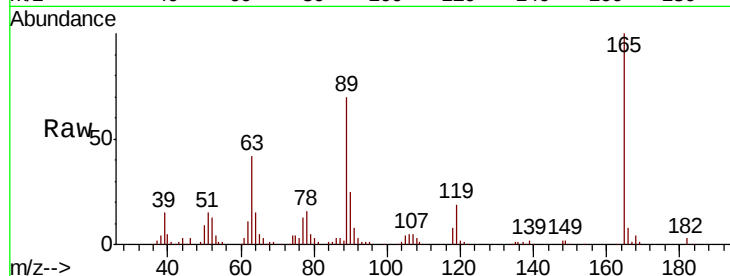




#57
2,4-Dinitrotoluene
Concen: 44.995 ng
RT: 15.09 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

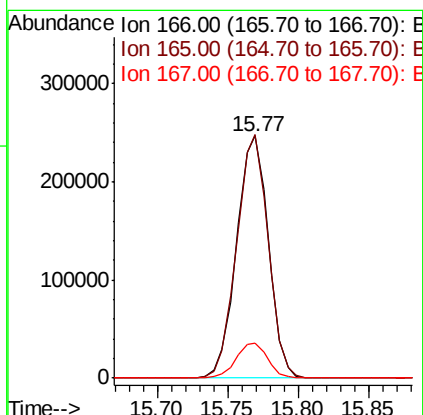
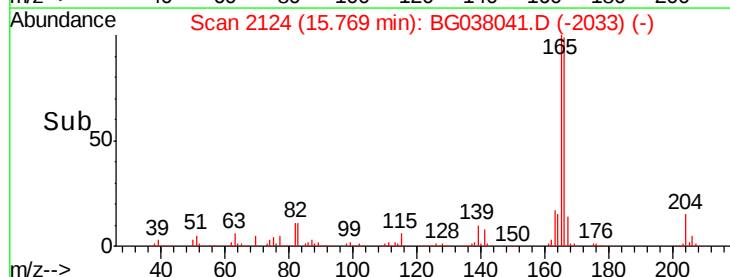
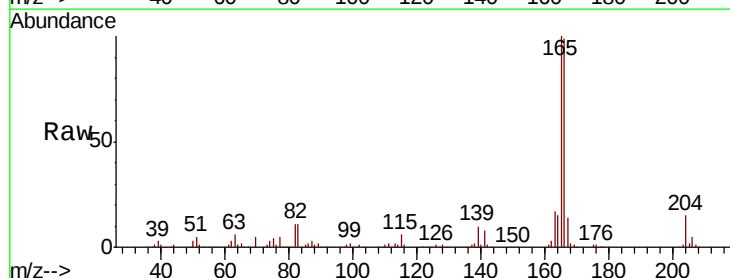
Instrument :
BNA_G
ClientSampleId :
PB114874BS

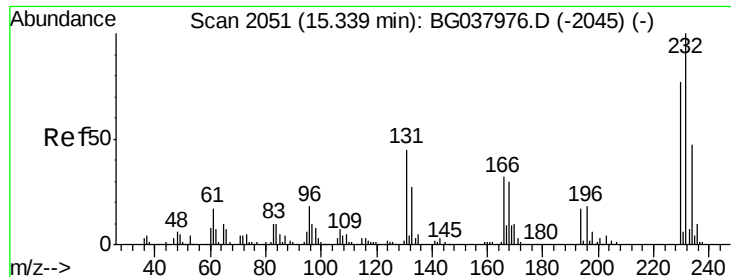
Tgt Ion:	165	Resp:	128183
Ion	Ratio	Lower	Upper
165	100		
63	42.5	33.4	50.0
89	70.5	57.2	85.8
182	2.9	2.6	4.0



#58
Fluorene
Concen: 46.346 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion:	166	Resp:	387257
Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.0	118.6
167	14.5	11.3	16.9

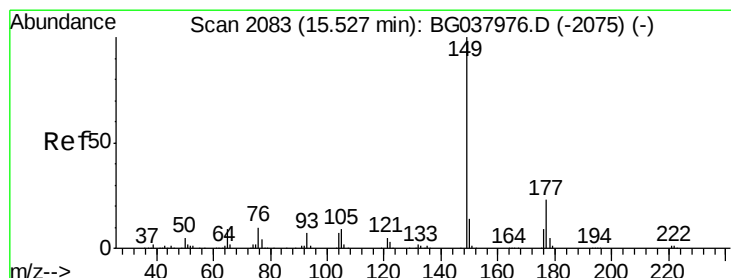
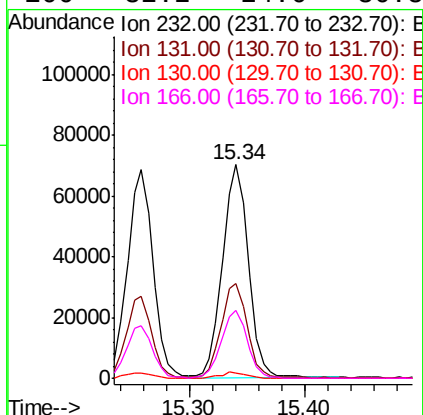
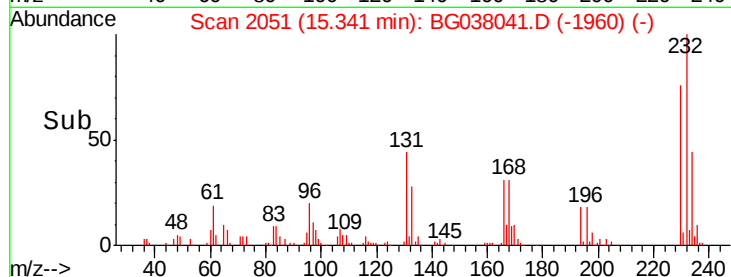
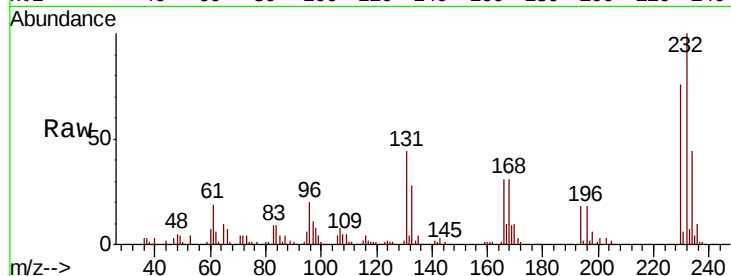




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.702 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

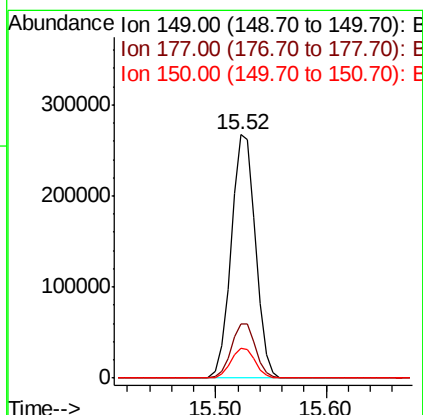
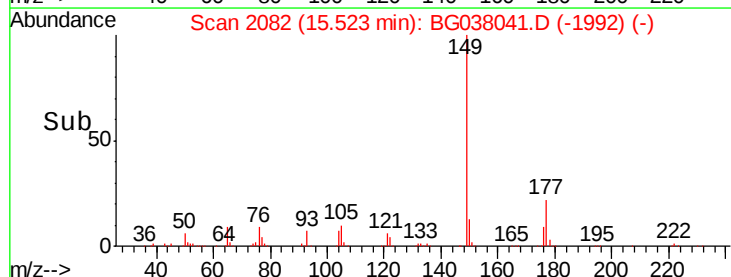
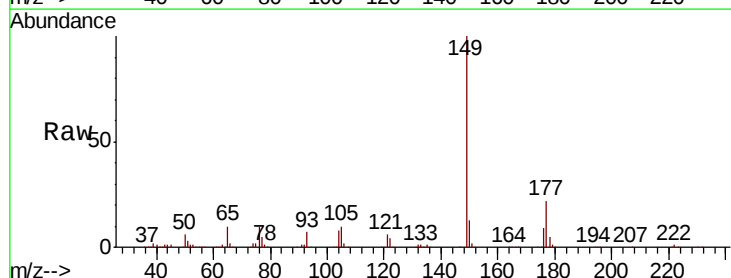
Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

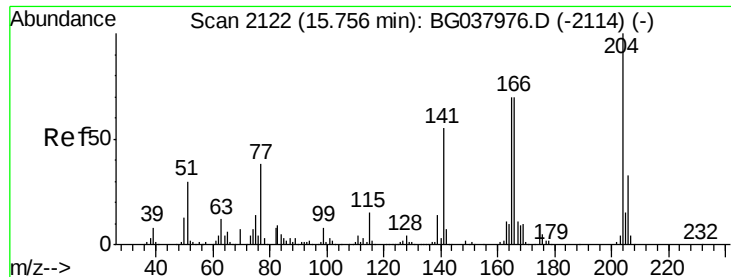
Tgt Ion: 232 Resp: 109261
 Ion Ratio Lower Upper
 232 100
 131 45.1 33.7 50.5
 130 2.7 2.1 3.1
 166 32.2 24.6 36.8



#60
 Diethylphthalate
 Concen: 41.819 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion: 149 Resp: 410925
 Ion Ratio Lower Upper
 149 100
 177 22.2 18.3 27.5
 150 12.5 10.0 15.0

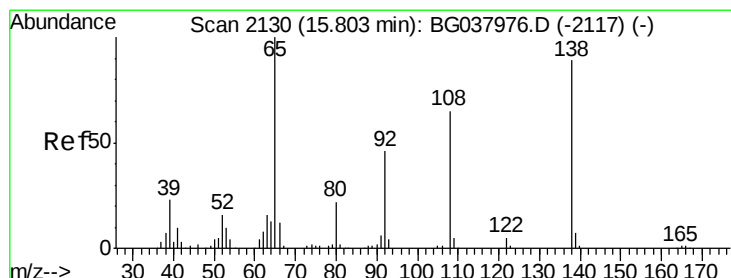
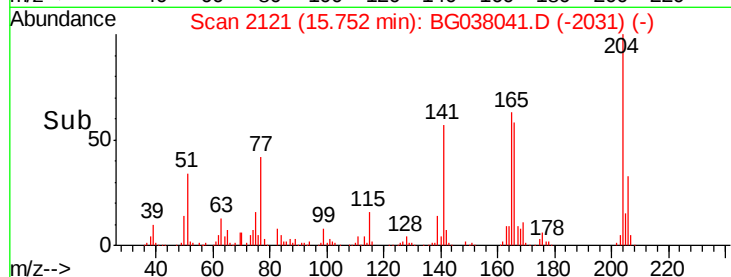
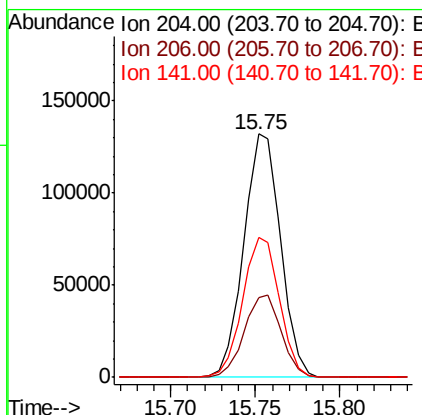
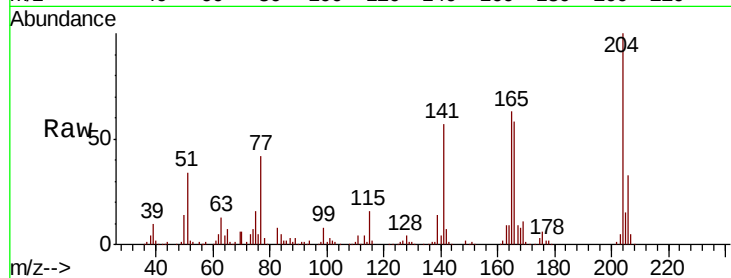




#61
 4-Chlorophenyl-phenylether
 Concen: 40.850 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

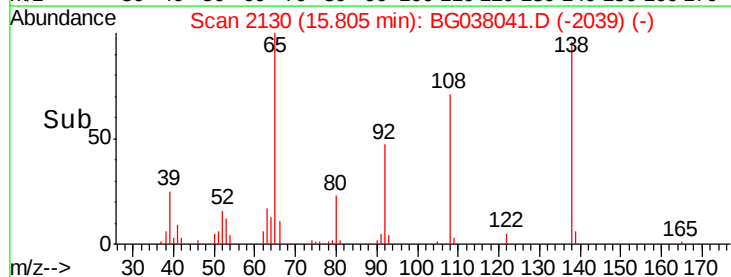
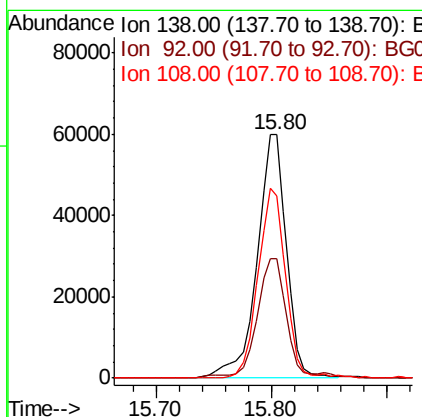
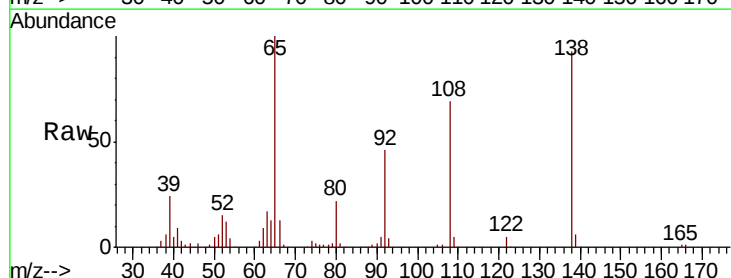
Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

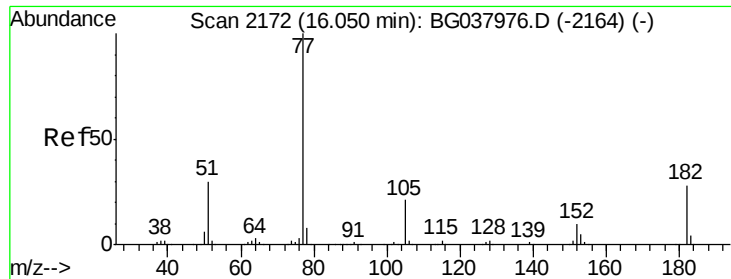
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	57.2	45.4	68.2



#62
 4-Nitroaniline
 Concen: 46.192 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	36.4	76.4
108	74.9	60.1	100.1





#63

Azobenzene

Concen: 44.050 ng

RT: 16.05 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

Tgt Ion: 77 Resp: 387020

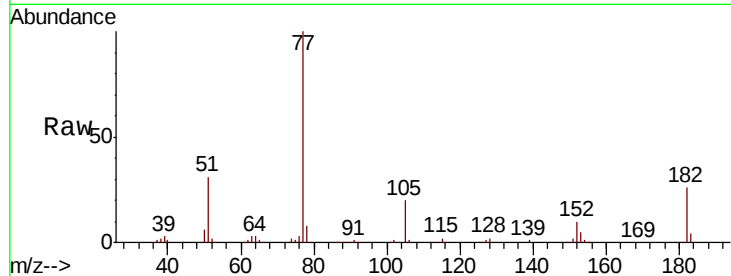
Ion Ratio Lower Upper

77 100

182 25.8 8.0 48.0

105 20.4 1.3 41.3

51 31.4 10.7 50.7

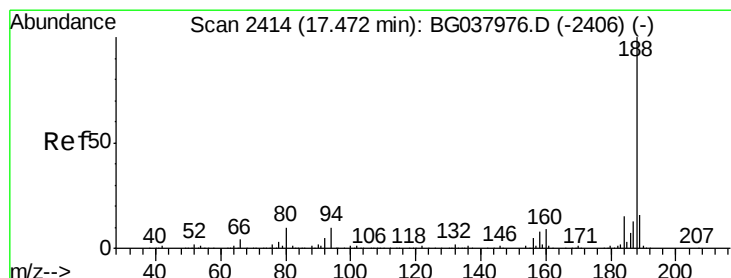
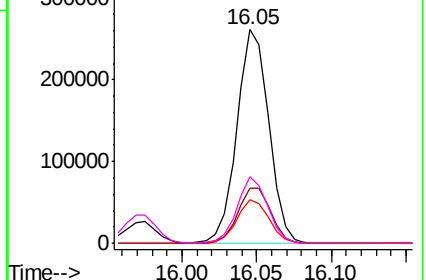
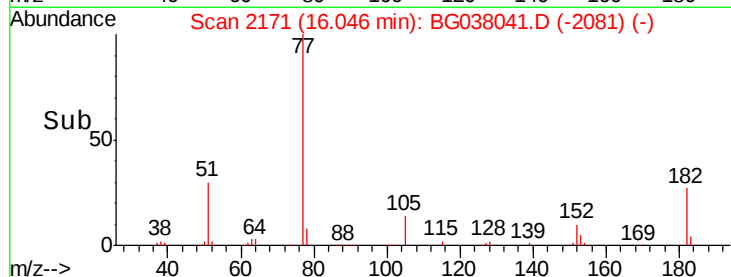


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG038041.D

Acq: 16 Nov 2018 19:57

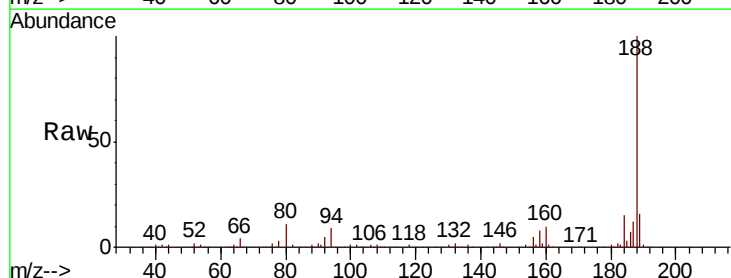
Tgt Ion: 188 Resp: 271733

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

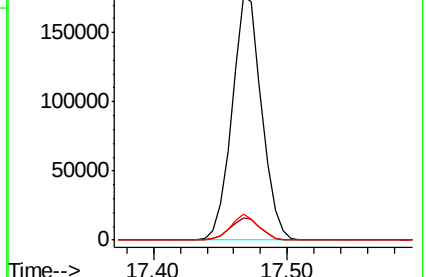
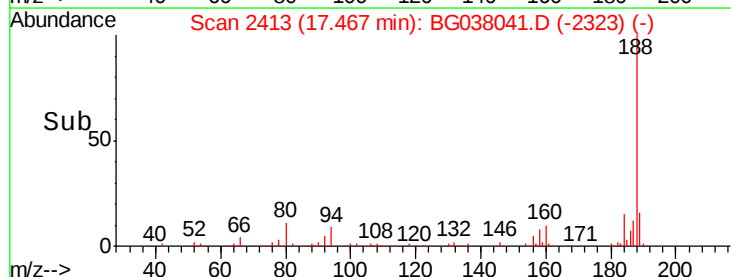
80 10.8 7.7 11.5

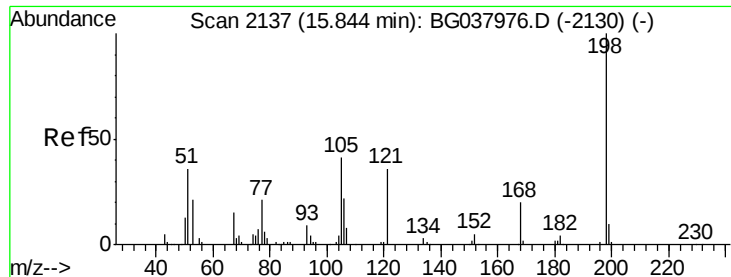


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 41.917 ng

RT: 15.85 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

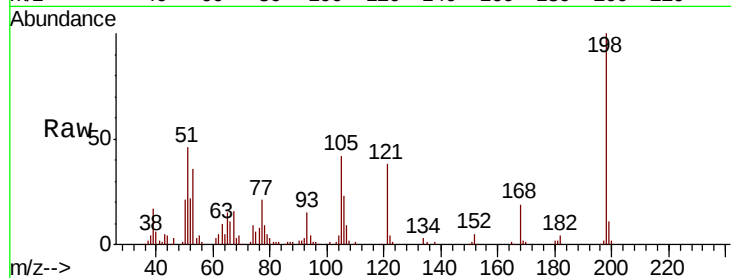
Tgt Ion:198 Resp: 72044

Ion Ratio Lower Upper

198 100

51 45.9 22.7 62.7

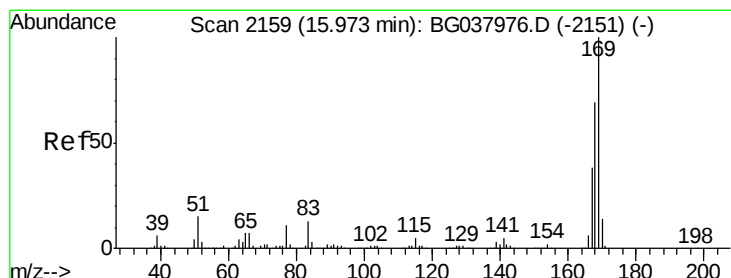
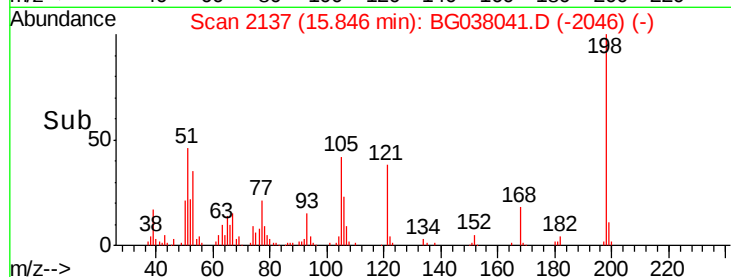
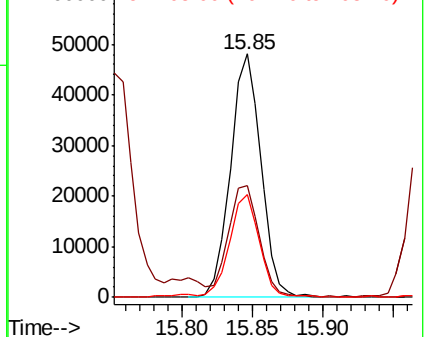
105 42.4 19.7 59.7



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: 42.236 ng

RT: 15.98 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

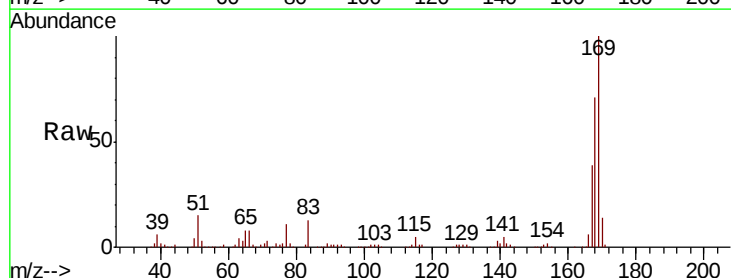
Tgt Ion:169 Resp: 347212

Ion Ratio Lower Upper

169 100

168 71.4 55.7 83.5

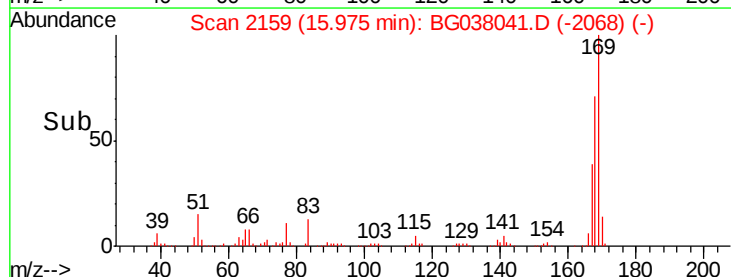
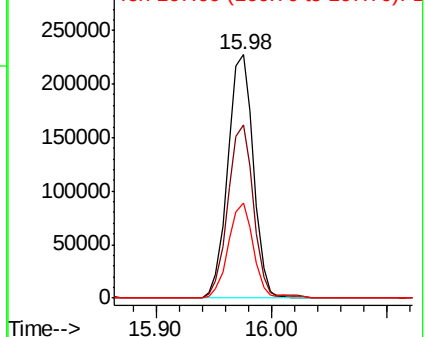
167 39.2 31.3 46.9

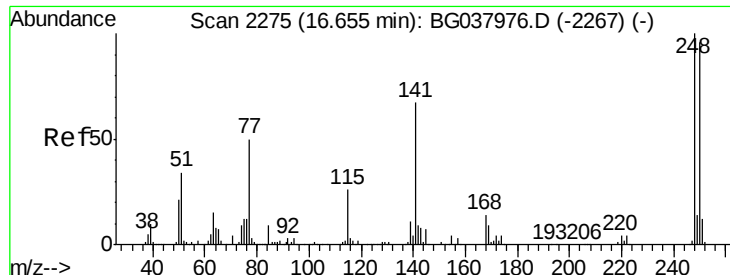


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

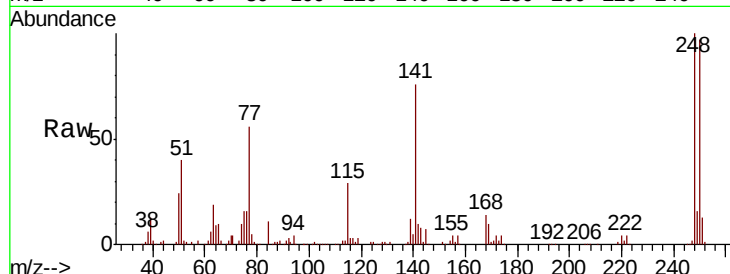




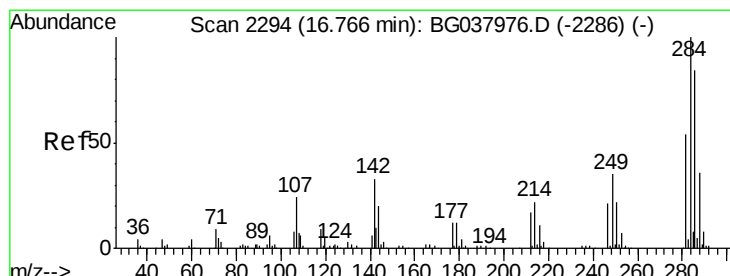
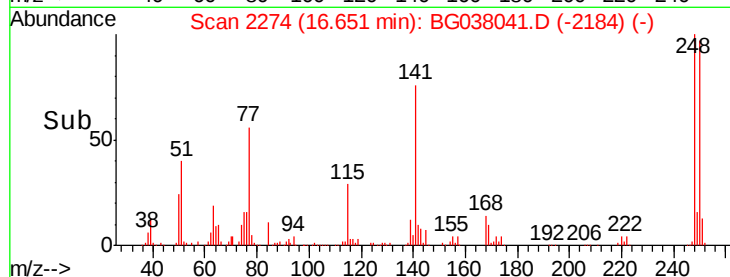
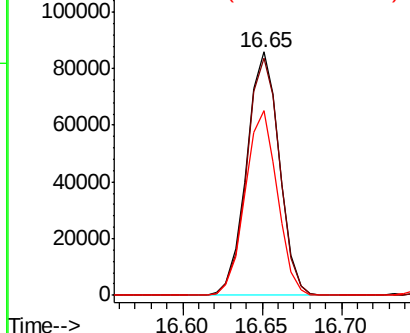
#67
 4-Bromophenyl-phenylether
 Concen: 41.191 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

Tgt Ion:248 Resp: 122853
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.0 115.6
 141 76.0 55.5 83.3

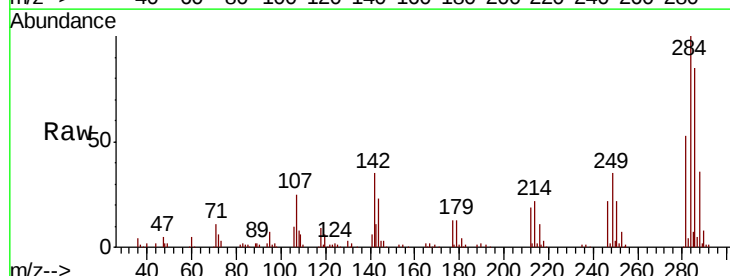


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

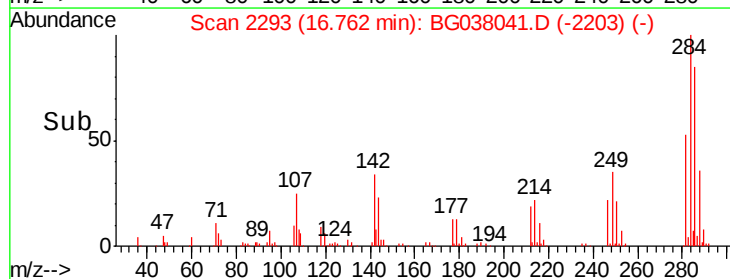
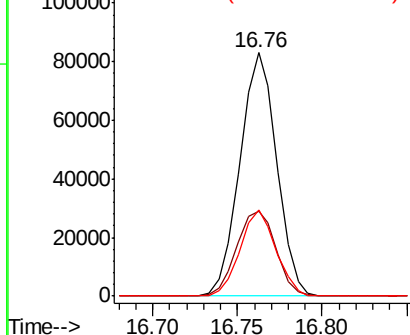


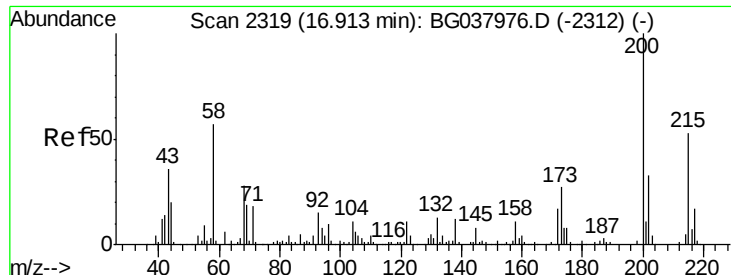
#68
 Hexachlorobenzene
 Concen: 40.845 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion:284 Resp: 125744
 Ion Ratio Lower Upper
 284 100
 142 35.1 28.1 42.1
 249 38.0 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: 43.367 ng

RT: 16.92 min Scan# 2319

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

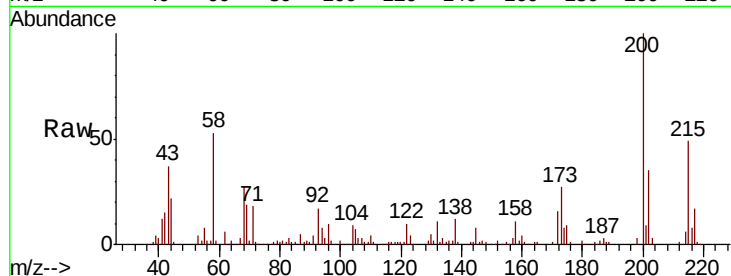
Tgt Ion:200 Resp: 131419

Ion Ratio Lower Upper

200 100

173 27.0 6.1 46.1

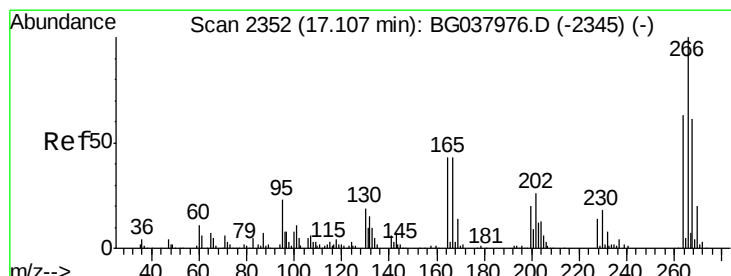
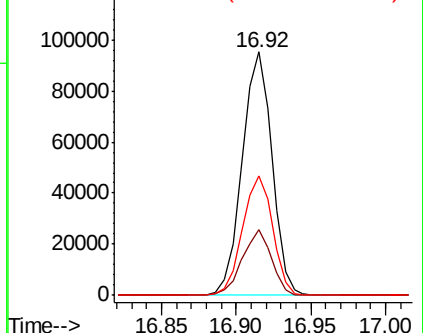
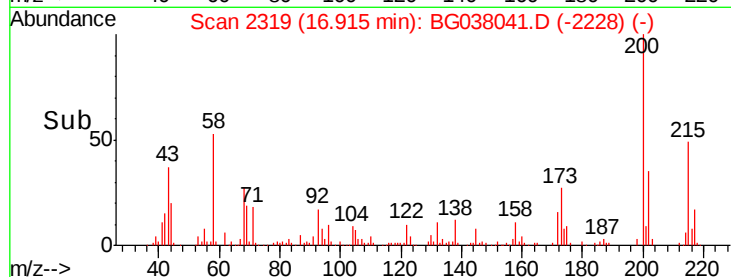
215 48.9 30.8 70.8



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: 77.112 ng

RT: 17.11 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

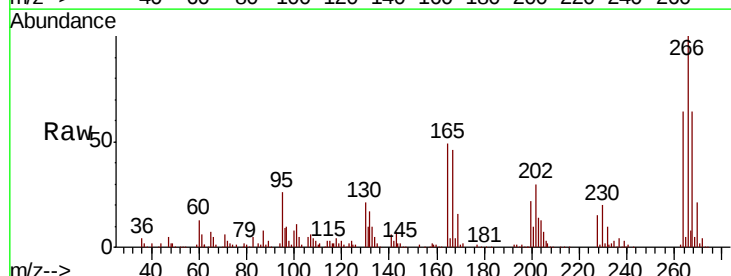
Tgt Ion:266 Resp: 161228

Ion Ratio Lower Upper

266 100

268 69.2 55.0 82.6

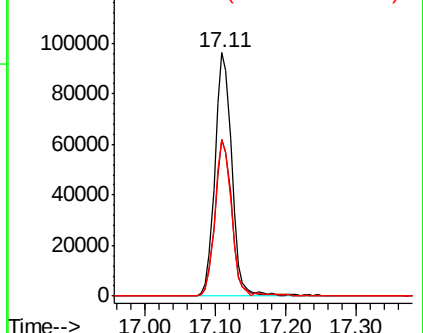
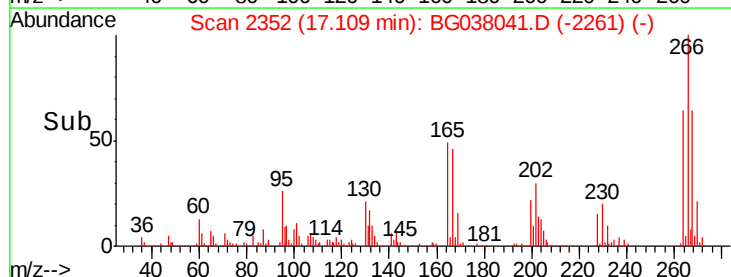
264 69.3 58.9 88.3

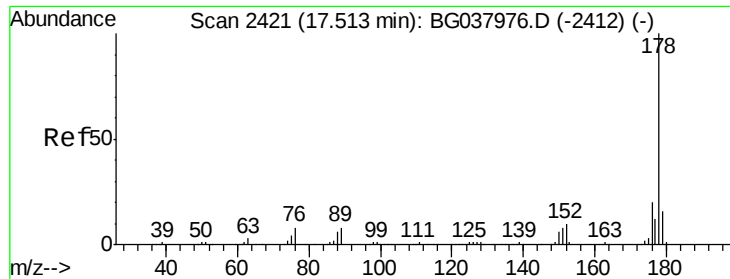


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

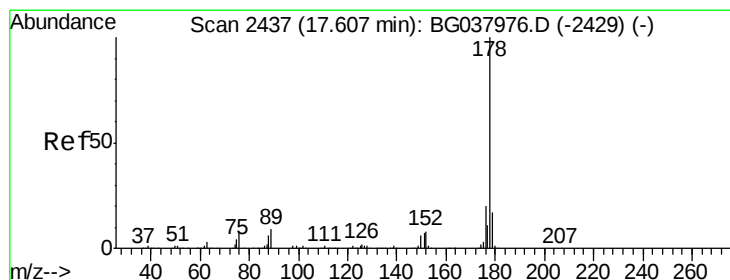
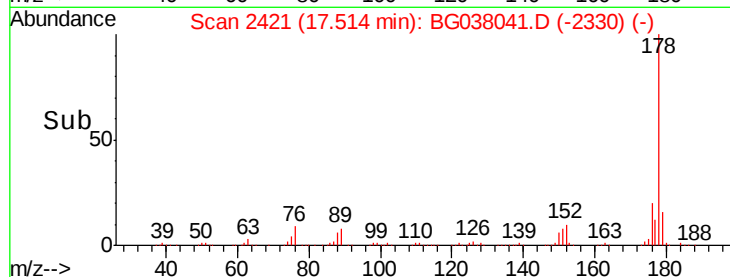
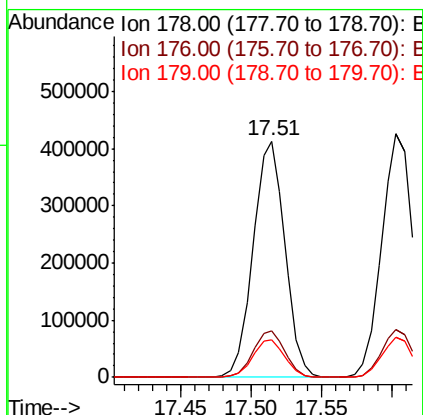
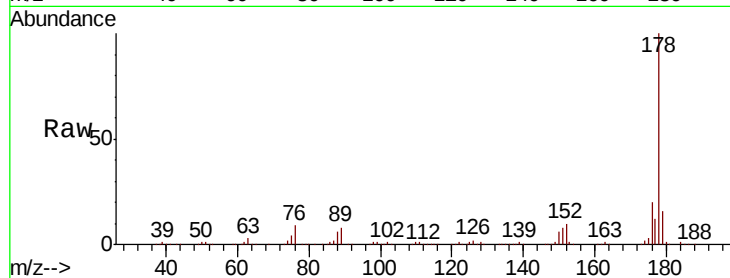




#71
 Phenanthrene
 Concen: 46.848 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

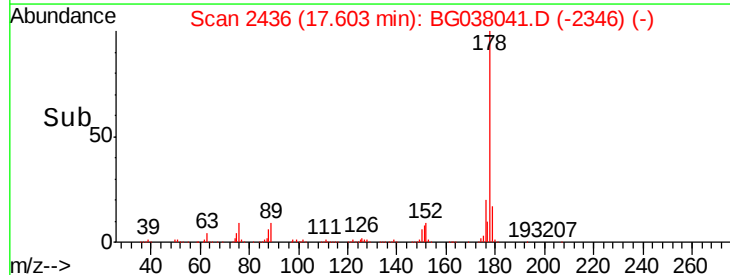
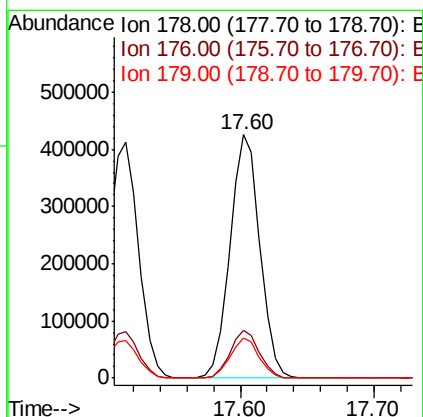
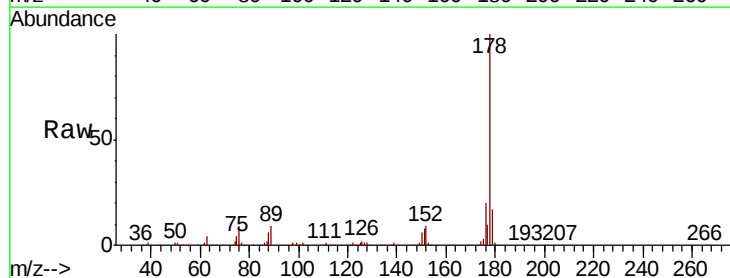
Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

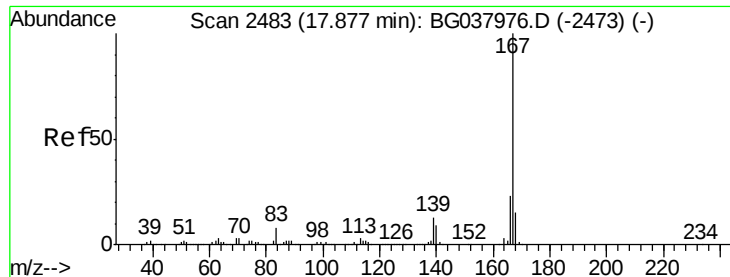
Tgt Ion:178 Resp: 651769
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.1 24.1
 179 16.1 13.0 19.4



#72
 Anthracene
 Concen: 47.917 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion:178 Resp: 657128
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.0 22.4
 179 16.6 12.8 19.2

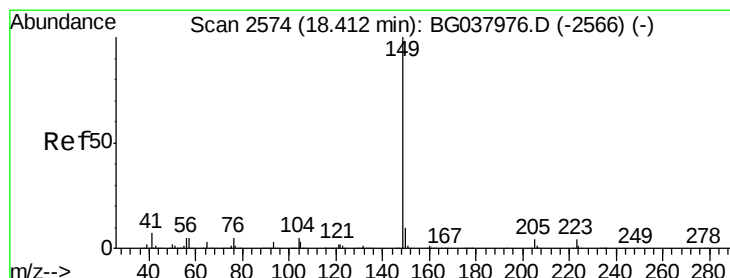
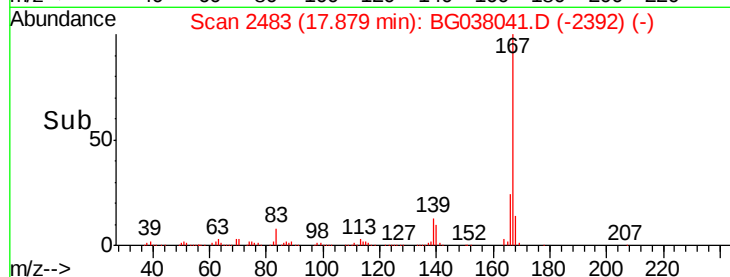
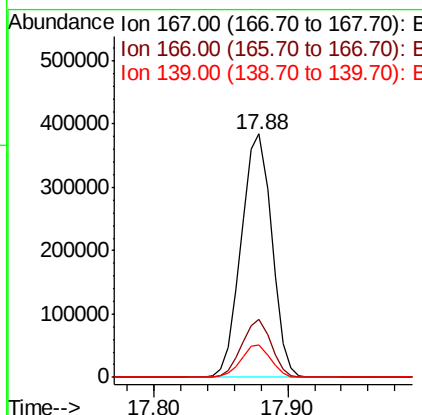
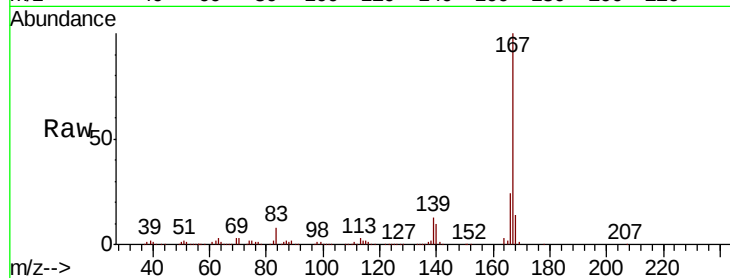




#73
 Carbazole
 Concen: 44.329 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

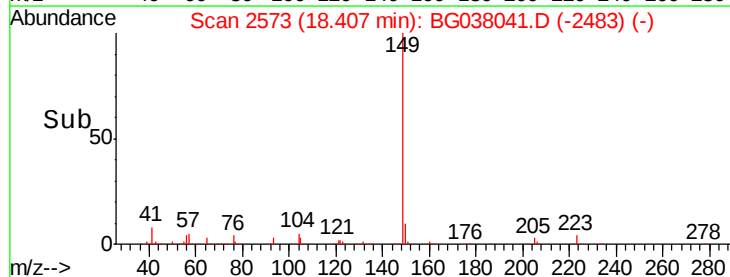
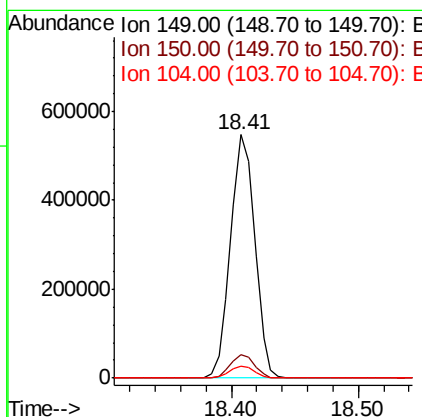
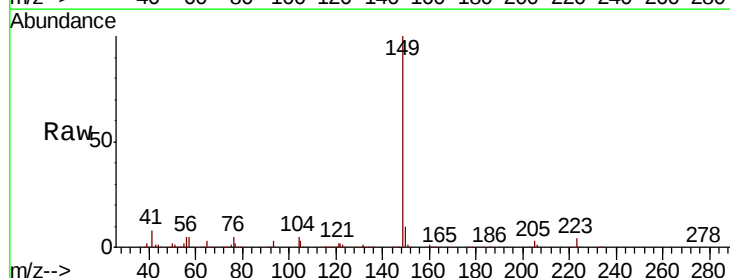
Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

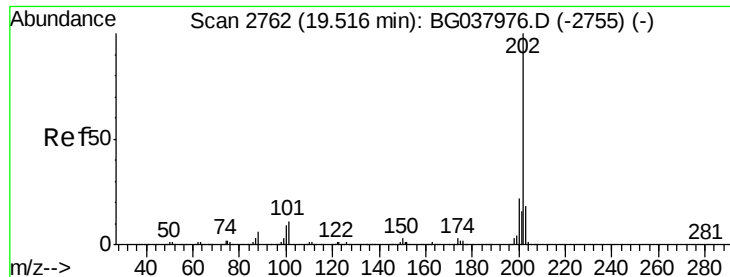
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.3	27.5
139	13.2	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 46.875 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 48.769 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

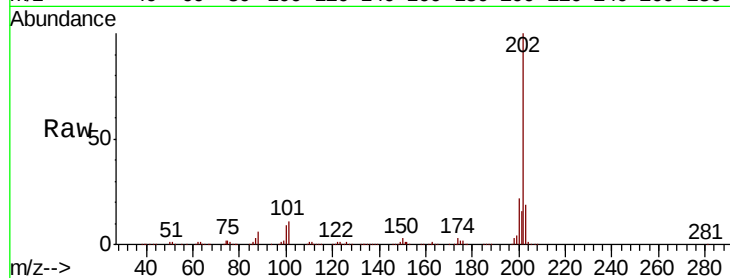
Instrument :

BNA_G

ClientSampleId :

PB114874BS

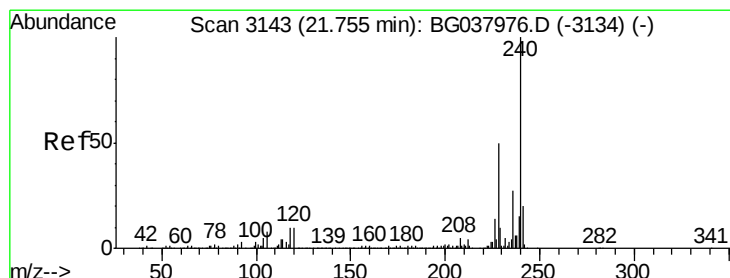
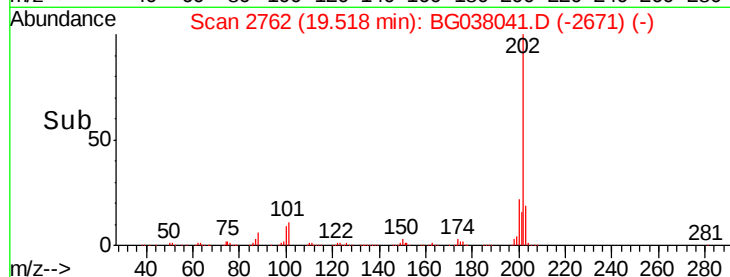
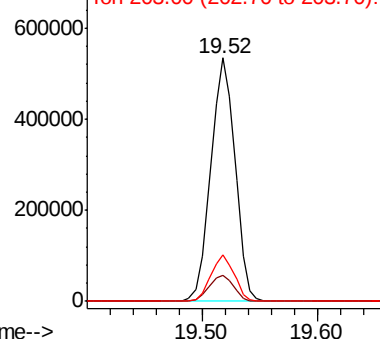
Tgt Ion:	202	Resp:	774111
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.7
203	18.9	0.0	38.5



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

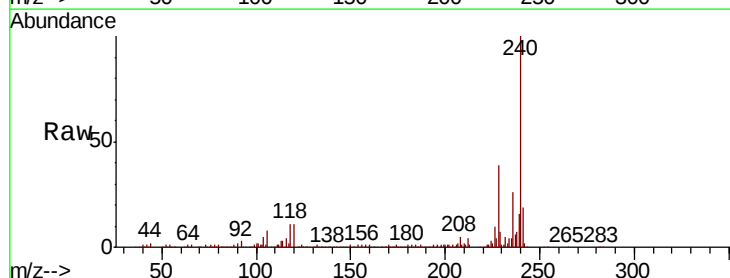
RT: 21.76 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

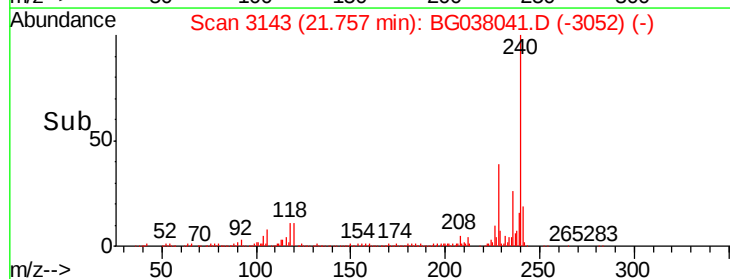
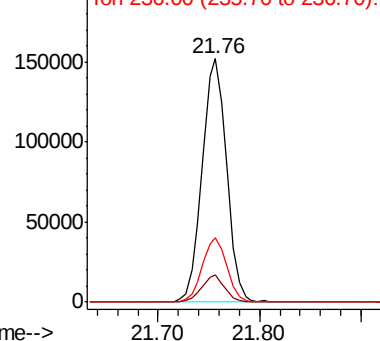
Tgt Ion:	240	Resp:	254527
Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.1	12.1
236	26.3	21.4	32.0

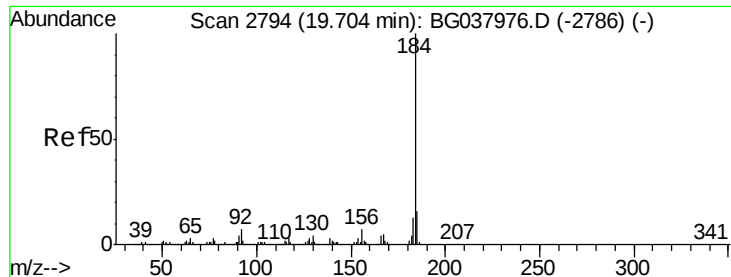


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.238 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

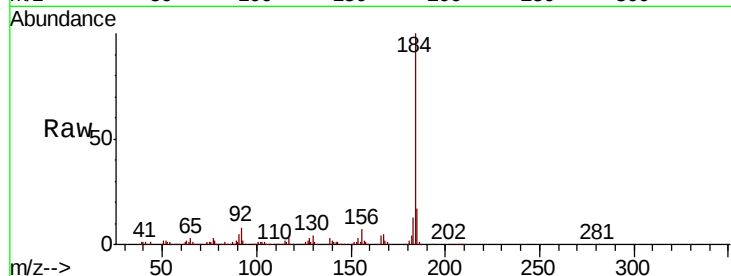
Tgt Ion:184 Resp: 386167

Ion Ratio Lower Upper

184 100

185 16.7 12.6 18.8

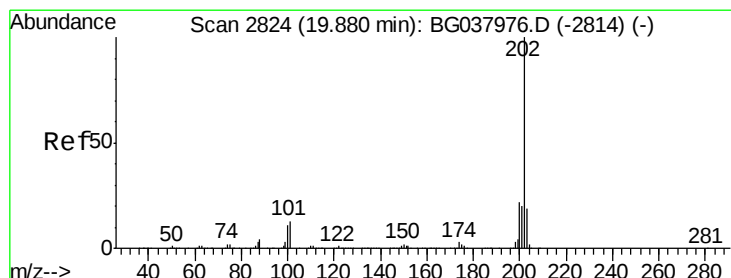
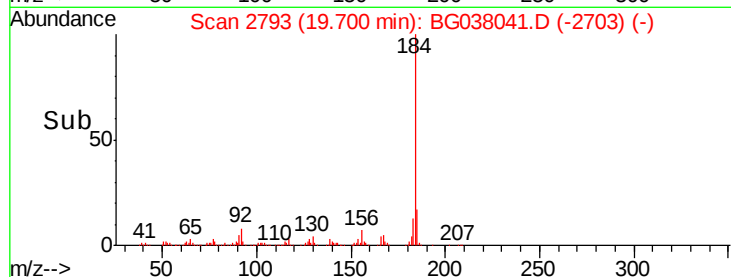
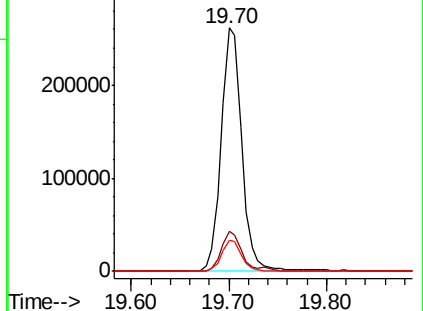
183 12.9 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.218 ng

RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

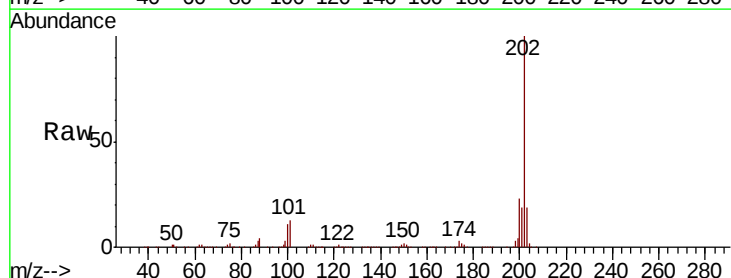
Tgt Ion:202 Resp: 769127

Ion Ratio Lower Upper

202 100

200 22.7 17.8 26.6

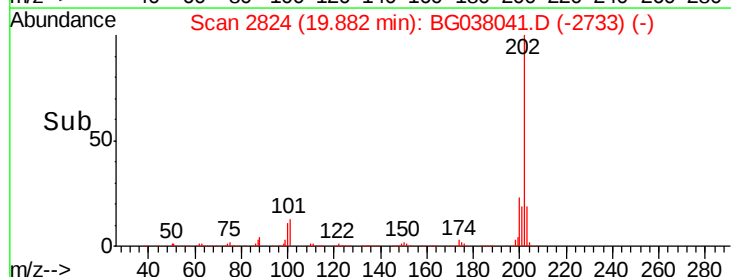
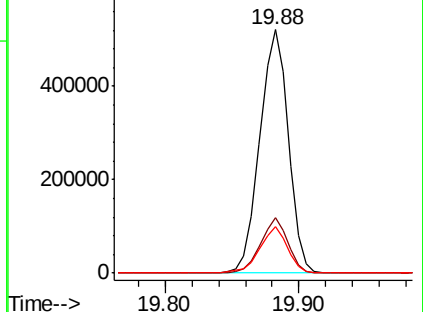
203 19.0 15.2 22.8

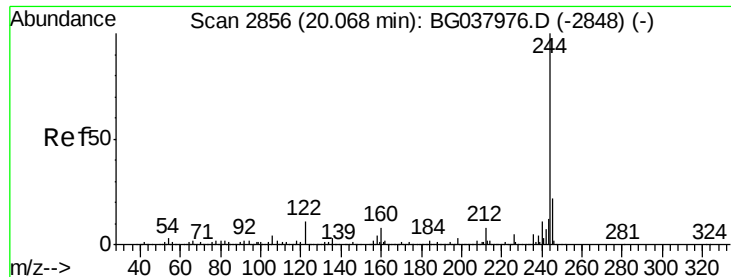


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.866 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

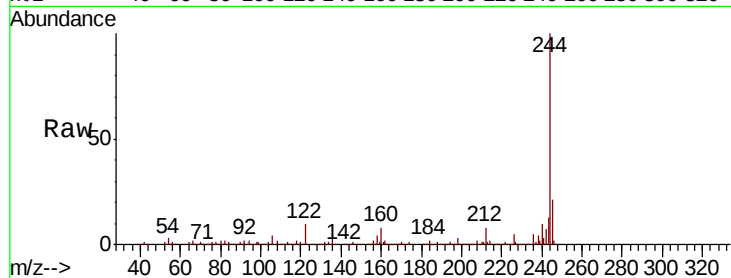
Tgt Ion:244 Resp: 885549

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

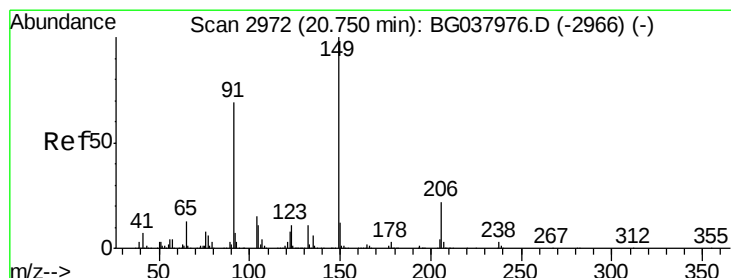
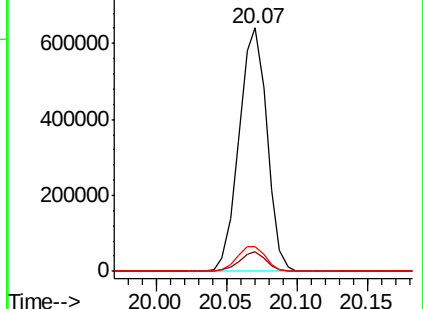
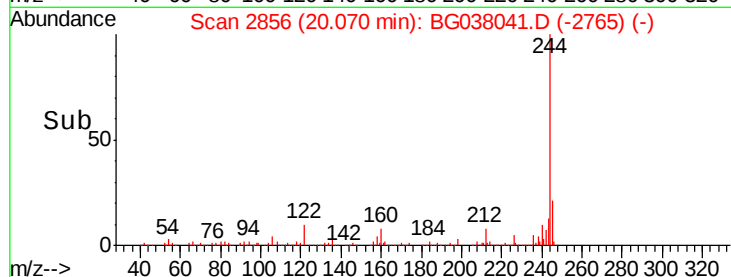
122 10.1 9.0 13.4



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: 46.925 ng

RT: 20.75 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

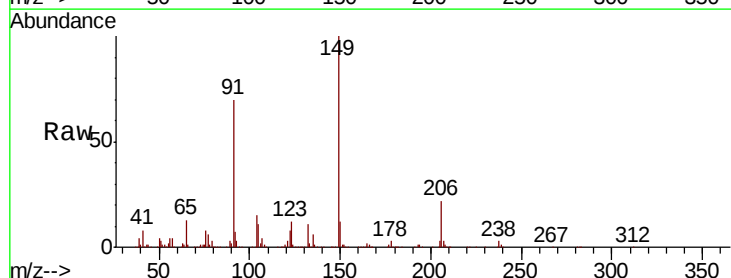
Tgt Ion:149 Resp: 341496

Ion Ratio Lower Upper

149 100

91 69.7 57.0 85.4

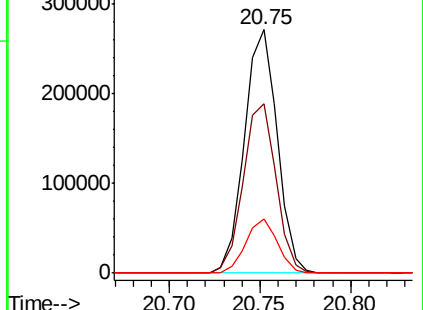
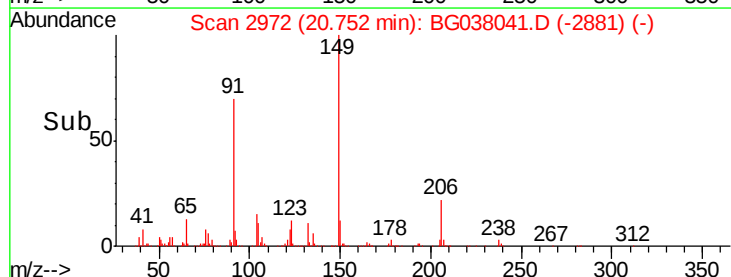
206 22.3 17.8 26.6

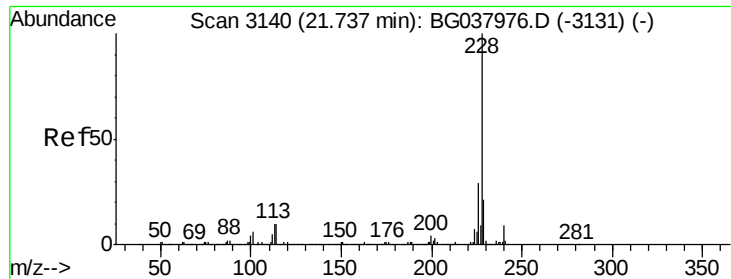


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.053 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

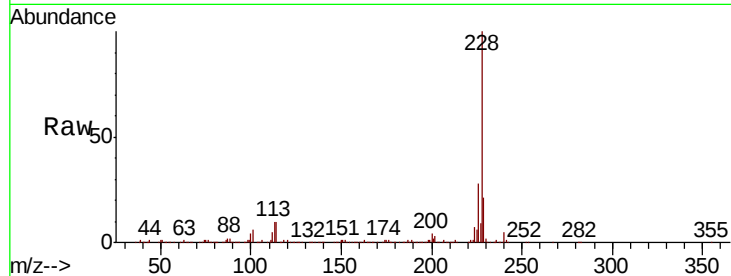
Tgt Ion:228 Resp: 739118

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

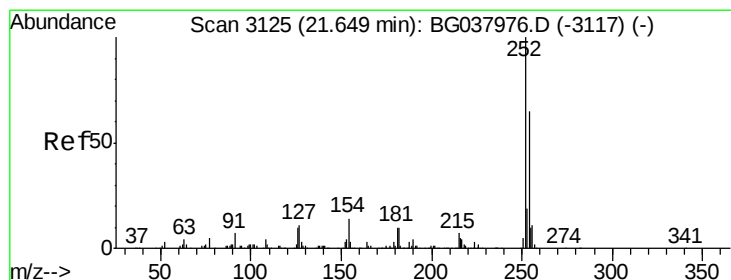
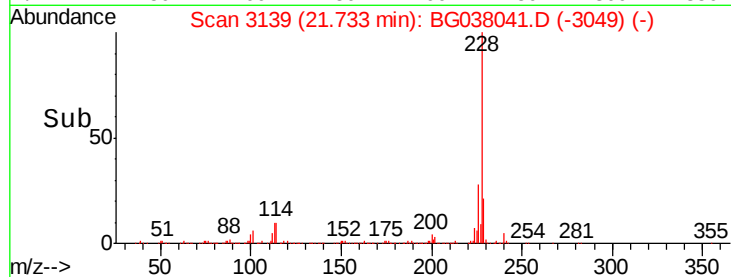
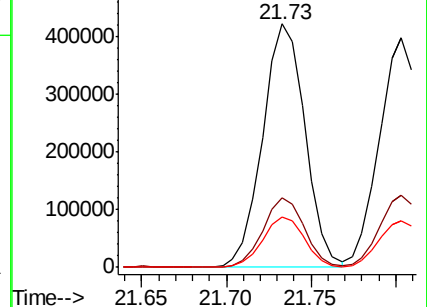
229 20.8 16.3 24.5



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: 30.018 ng

RT: 21.65 min Scan# 3125

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

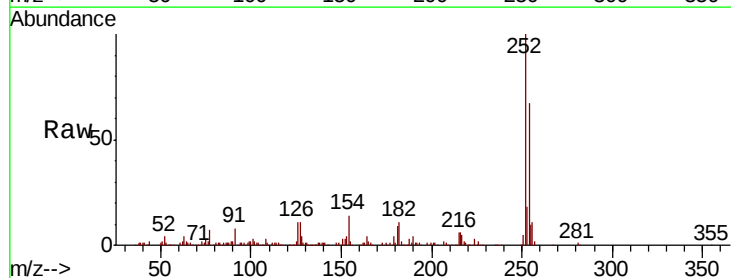
Tgt Ion:252 Resp: 179854

Ion Ratio Lower Upper

252 100

254 66.7 52.0 78.0

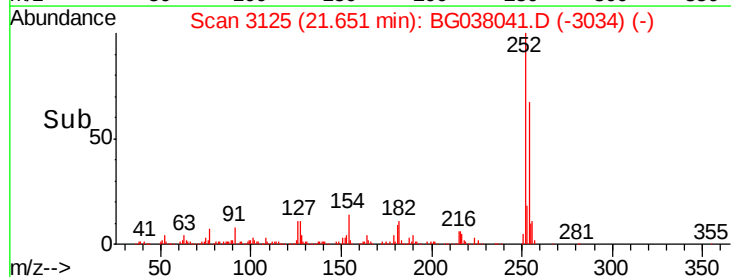
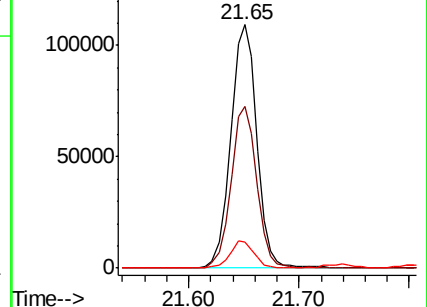
126 10.9 8.2 12.4

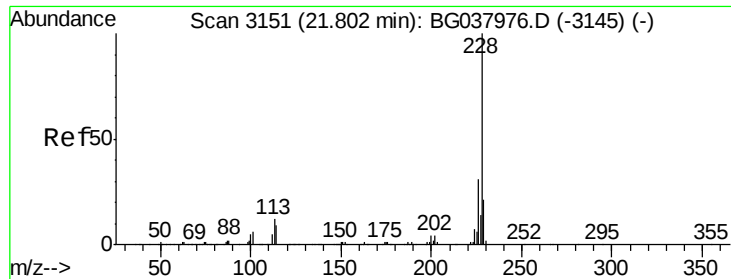


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.874 ng

RT: 21.80 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

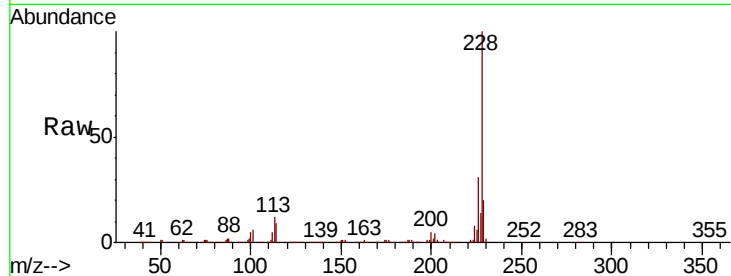
Tgt Ion:228 Resp: 689819

Ion Ratio Lower Upper

228 100

226 31.3 25.7 38.5

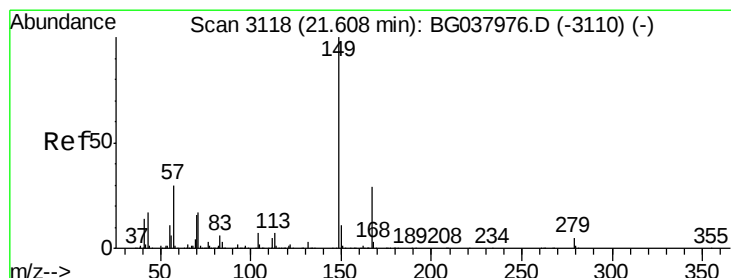
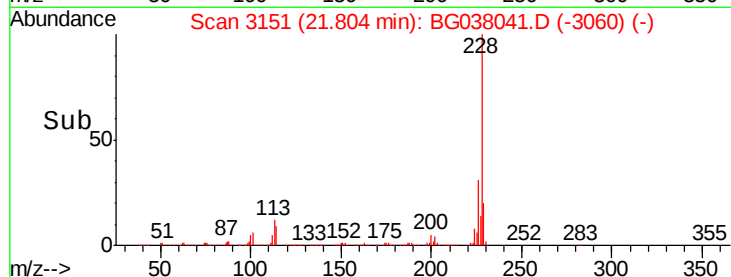
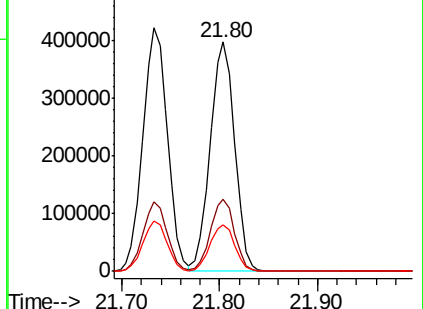
229 20.4 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.231 ng

RT: 21.60 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

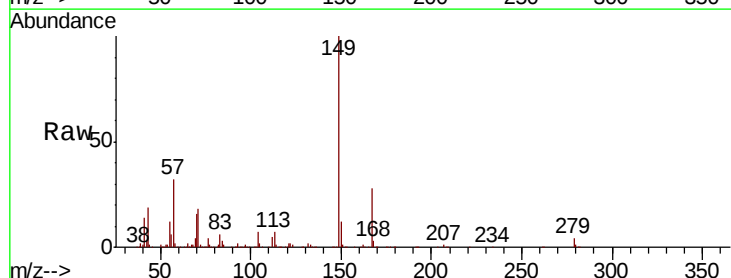
Tgt Ion:149 Resp: 479805

Ion Ratio Lower Upper

149 100

167 28.4 23.0 34.4

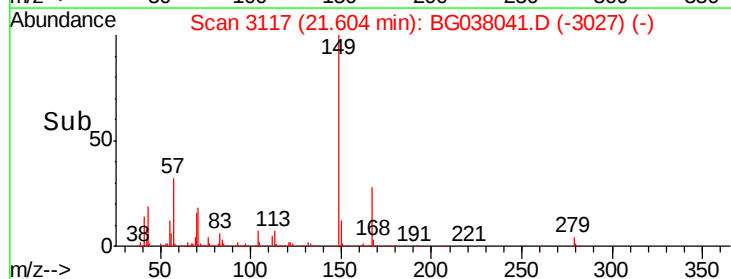
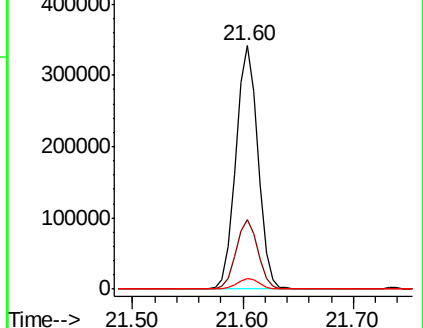
279 4.4 3.6 5.4

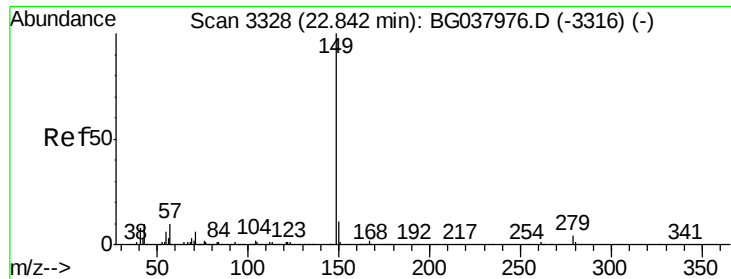


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

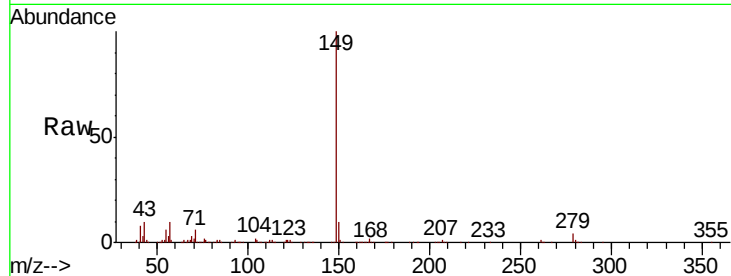




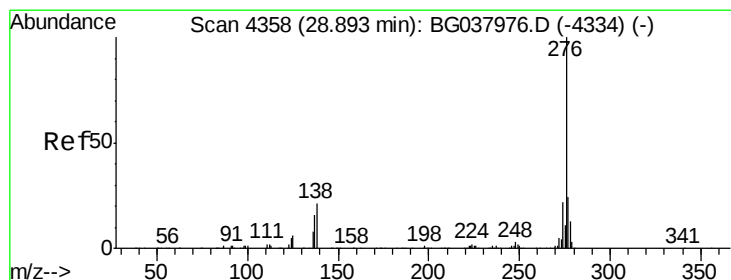
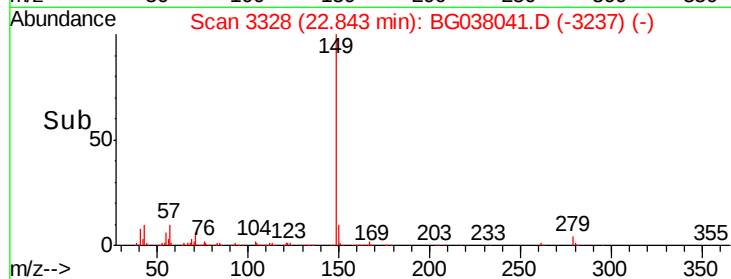
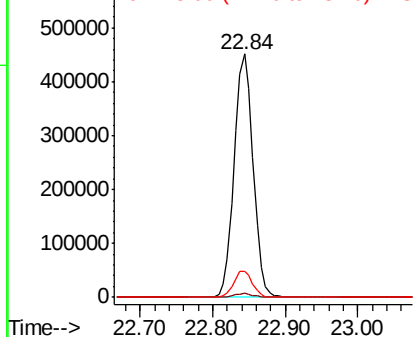
#85
Di-n-octyl phthalate
Concen: 48.891 ng
RT: 22.84 min Scan# 3328
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tgt Ion:149 Resp: 820882
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.5 8.7 13.1

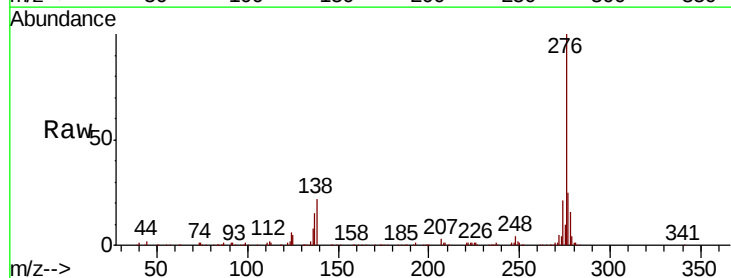


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

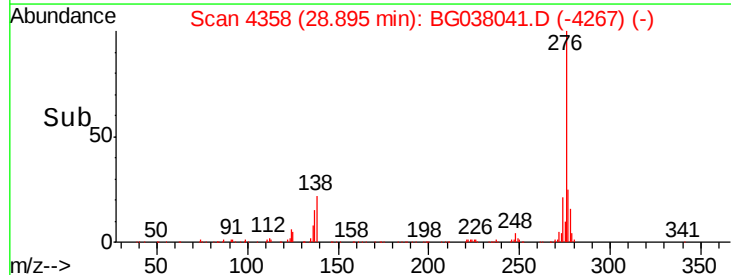
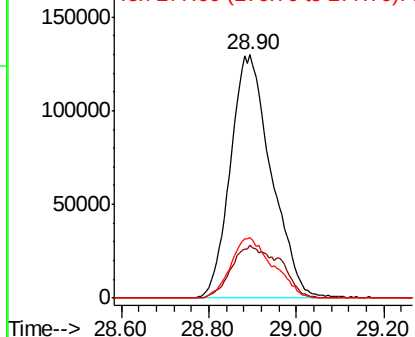


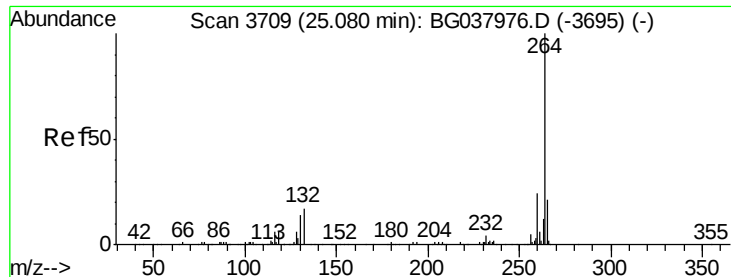
#86
Indeno(1,2,3-cd)pyrene
Concen: 50.325 ng
RT: 28.90 min Scan# 4358
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion:276 Resp: 822555
Ion Ratio Lower Upper
276 100
138 19.7 12.0 18.0#
277 25.7 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



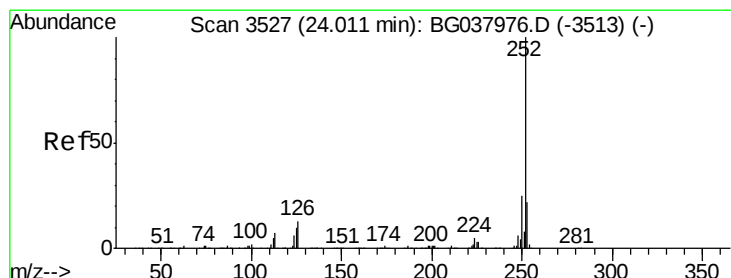
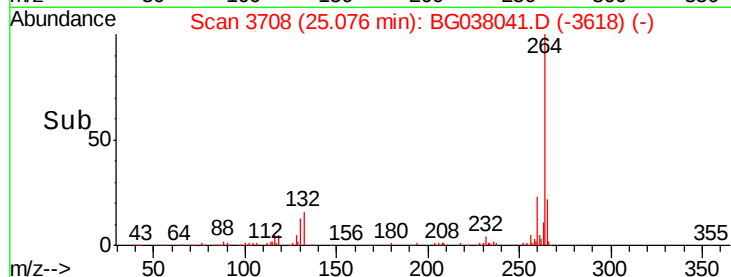
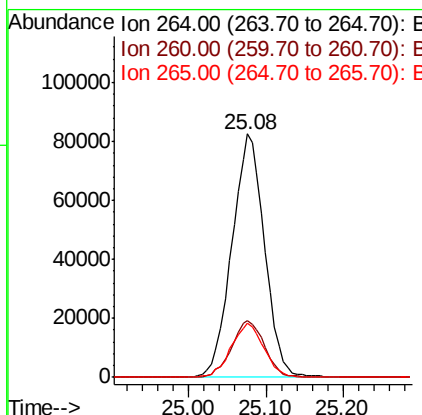
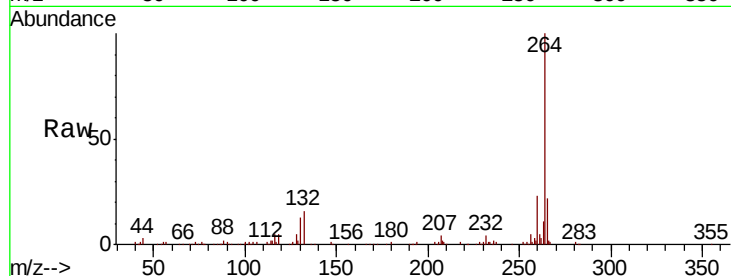


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3708
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tgt Ion:264 Resp: 243789

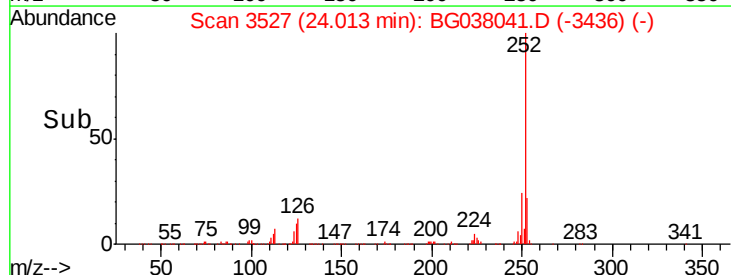
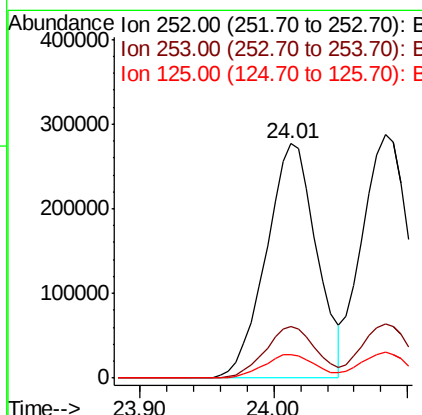
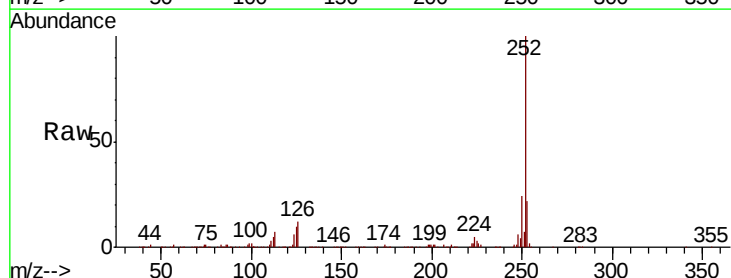
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	22.1	17.9	26.9

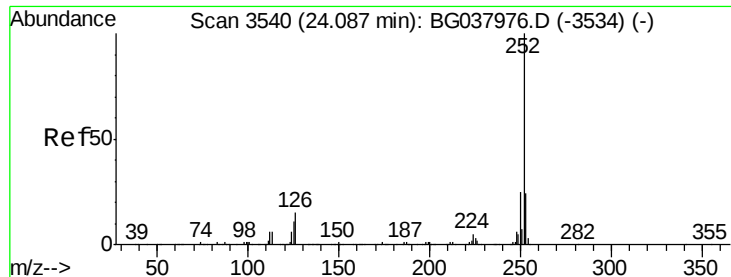


#88
Benzo(b)fluoranthene
Concen: 54.123 ng
RT: 24.01 min Scan# 3527
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion:252 Resp: 726103

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	10.1	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 53.088 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

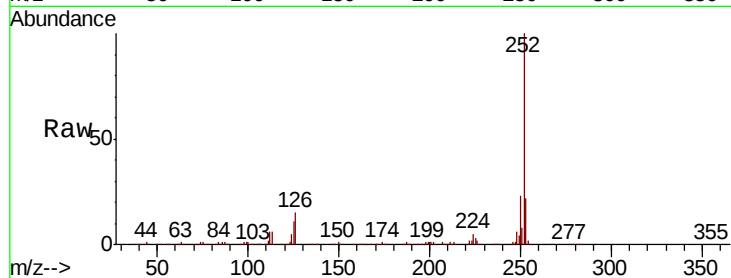
Tgt Ion:252 Resp: 702788

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 10.7 7.4 11.0

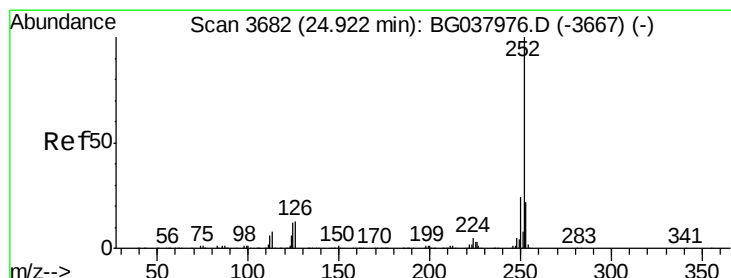
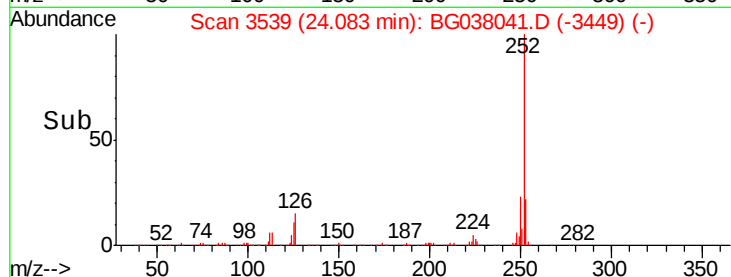
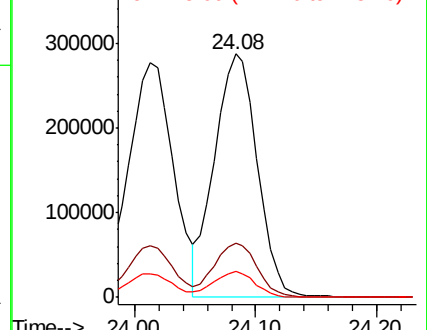


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 55.257 ng

RT: 24.92 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

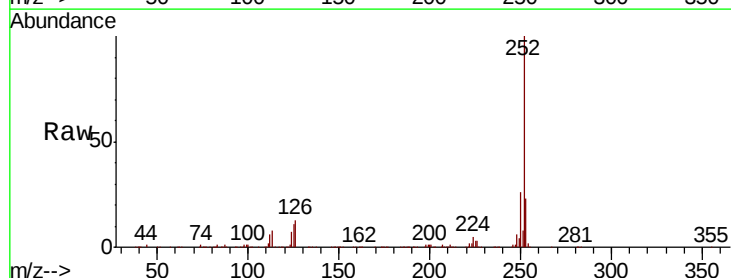
Tgt Ion:252 Resp: 708457

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

125 11.1 9.0 13.6

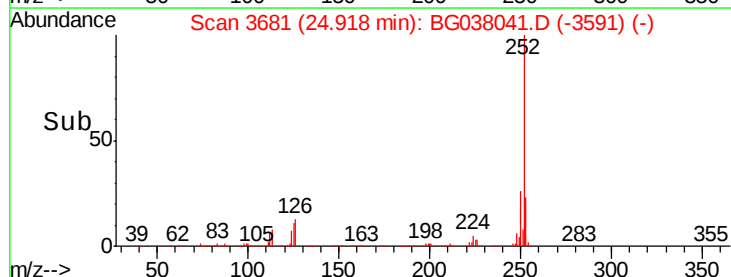
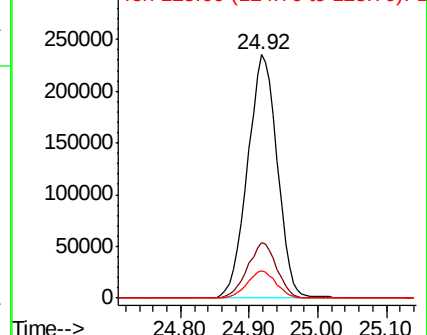


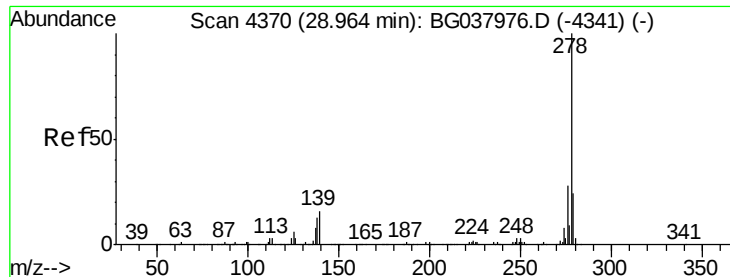
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 54.762 ng

RT: 28.96 min Scan# 4369

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

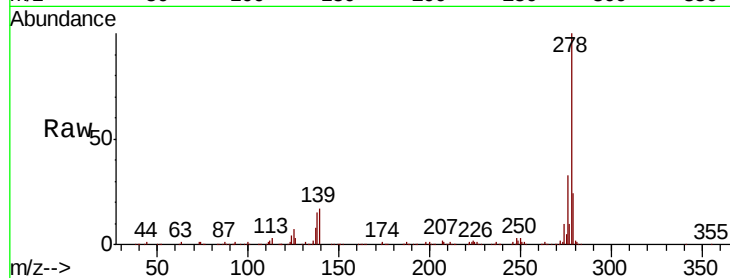
Tgt Ion:278 Resp: 675557

Ion Ratio Lower Upper

278 100

139 16.7 11.5 17.3

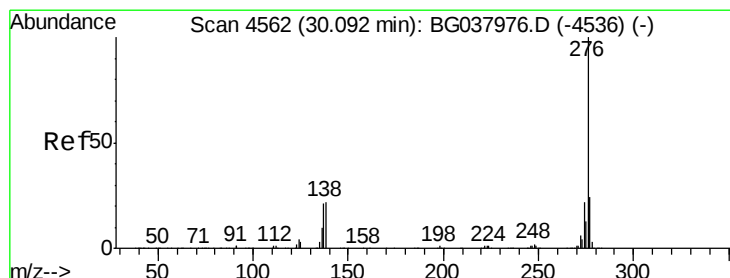
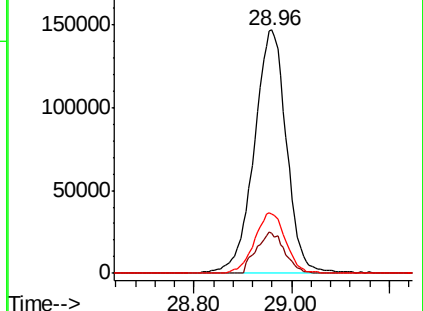
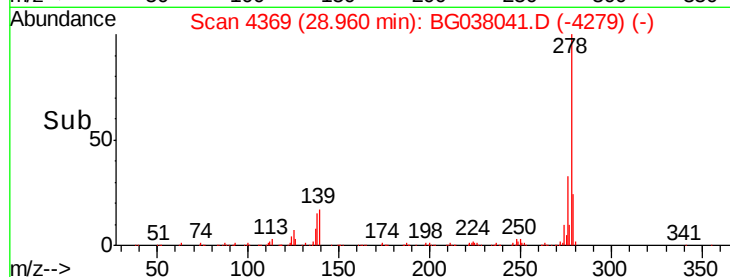
279 24.5 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 55.647 ng

RT: 30.10 min Scan# 4563

Delta R.T. 0.01 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

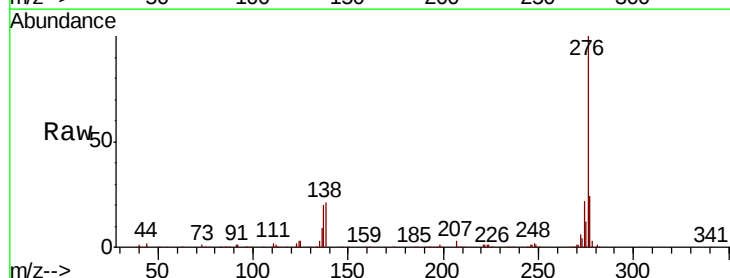
Tgt Ion:276 Resp: 682569

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 20.8 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

