

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111418\
 Data File : BG038013.D
 Acq On : 15 Nov 2018 1:32
 Operator : JU/SJ
 Sample : PB114826BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114826BS

Quant Time: Nov 15 03:11:31 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	47558	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	193350	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	116232	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	277681	20.00	ng	0.00
76) Chrysene-d12	21.75	240	258625	20.00	ng	0.00
87) Perylene-d12	25.07	264	268515	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	385623	140.00	ng	0.00
7) Phenol-d6	7.24	99	515235	131.04	ng	0.00
23) Nitrobenzene-d5	9.26	82	247422	68.50	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	175883	132.68	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	544718	68.27	ng	0.00
79) Terphenyl-d14	20.07	244	889496	80.93	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	44595	34.276	ng	99
3) Pyridine	3.92	79	125460	33.804	ng	98
4) n-Nitrosodimethylamine	3.84	42	57657	42.821	ng	94
6) Aniline	7.41	93	172450	33.983	ng	96
8) 2-Chlorophenol	7.64	128	139466	43.636	ng	98
9) Benzaldehyde	7.22	77	85872	30.200	ng	97
10) Phenol	7.26	94	182031	43.708	ng	99
11) bis(2-Chloroethyl)ether	7.51	93	135176	39.757	ng	96
12) 1,3-Dichlorobenzene	7.97	146	143323	38.925	ng	97
13) 1,4-Dichlorobenzene	8.12	146	146761	39.458	ng	98
14) 1,2-Dichlorobenzene	8.44	146	141911	39.963	ng	97
15) Benzyl Alcohol	8.32	79	124444	43.740	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	252964	40.067	ng	97
17) 2-Methylphenol	8.52	107	125440	44.550	ng	99
18) Hexachloroethane	9.16	117	54153	40.006	ng	98
19) n-Nitroso-di-n-propylamine	8.89	70	108057	37.981	ng	94
20) 3+4-Methylphenols	8.85	107	169690	42.513	ng	99
22) Acetophenone	8.92	105	204181	42.443	ng	# 99
24) Nitrobenzene	9.30	77	158883	43.001	ng	97
25) Isophorone	9.81	82	299676	46.096	ng	98
26) 2-Nitrophenol	10.01	139	78662	42.645	ng	97
27) 2,4-Dimethylphenol	10.06	122	143129	51.500	ng	98
28) bis(2-Chloroethoxy)methane	10.30	93	183698	44.188	ng	97
29) 2,4-Dichlorophenol	10.54	162	141913	45.396	ng	97
30) 1,2,4-Trichlorobenzene	10.76	180	148237	42.317	ng	99
31) Naphthalene	10.95	128	435157	45.758	ng	99
32) Benzoic acid	10.17	122	61527	37.881	ng	98
33) 4-Chloroaniline	11.07	127	116054	26.235	ng	97
34) Hexachlorobutadiene	11.22	225	87798	40.723	ng	98
35) Caprolactam	11.85	113	28380	22.681	ng	96
36) 4-Chloro-3-methylphenol	12.17	107	151338	44.312	ng	97
37) 2-Methylnaphthalene	12.55	142	315548	46.193	ng	97
38) 1-Methylnaphthalene	12.77	142	299385	45.532	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	161181	41.499	ng	99

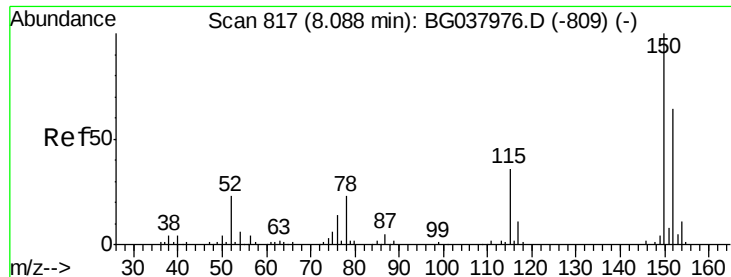
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111418\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	204630	98.391	ng	99
43) 2,4,6-Trichlorophenol	13.15	196	116817	44.138	ng	99
44) 2,4,5-Trichlorophenol	13.22	196	125170	44.948	ng	96
46) 1,1'-Biphenyl	13.55	154	399855	40.949	ng	99
47) 2-Chloronaphthalene	13.60	162	318621	42.760	ng	99
48) 2-Nitroaniline	13.81	65	105519	44.995	ng	95
49) Acenaphthylene	14.44	152	524308	46.791	ng	99
50) Dimethylphthalate	14.17	163	406406	44.105	ng	99
51) 2,6-Dinitrotoluene	14.30	165	92926	44.558	ng	96
52) Acenaphthene	14.79	154	306069	45.372	ng	95
53) 3-Nitroaniline	14.63	138	74487	32.368	ng	# 98
54) 2,4-Dinitrophenol	14.84	184	92556	81.972	ng	98
55) Dibenzofuran	15.11	168	487048	43.664	ng	99
56) 4-Nitrophenol	14.93	139	164282	92.560	ng	99
57) 2,4-Dinitrotoluene	15.09	165	134910	47.545	ng	# 94
58) Fluorene	15.77	166	392628	47.176	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	113853	48.859	ng	100
60) Diethylphthalate	15.52	149	424763	43.400	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	206441	42.392	ng	99
62) 4-Nitroaniline	15.80	138	106658	46.655	ng	94
63) Azobenzene	16.05	77	384058	43.888	ng	98
65) 4,6-Dinitro-2-methylphenol	15.84	198	71615	40.775	ng	97
66) n-Nitrosodiphenylamine	15.97	169	358932	42.727	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	125774	41.267	ng	97
68) Hexachlorobenzene	16.76	284	130715	41.551	ng	97
69) Atrazine	16.91	200	136654	44.128	ng	97
70) Pentachlorophenol	17.11	266	162562	76.084	ng	97
71) Phenanthrene	17.51	178	659216	46.369	ng	98
72) Anthracene	17.60	178	669194	47.752	ng	99
73) Carbazole	17.88	167	620132	44.105	ng	99
74) Di-n-butylphthalate	18.40	149	735461	46.598	ng	99
75) Fluoranthene	19.52	202	781954	48.208	ng	99
77) Benzidine	19.70	184	402994	44.407	ng	99
78) Pyrene	19.88	202	781853	46.239	ng	99
80) Butylbenzylphthalate	20.75	149	341301	46.155	ng	96
81) Benzo(a)anthracene	21.73	228	736832	47.145	ng	99
82) 3,3'-Dichlorobenzidine	21.64	252	184696	30.338	ng	98
83) Chrysene	21.79	228	682981	45.674	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	477753	45.304	ng	99
85) Di-n-octyl phthalate	22.83	149	820229	48.078	ng	99
86) Indeno(1,2,3-cd)pyrene	28.87	276	819216	49.327	ng	# 97
88) Benzo(b)fluoranthene	24.00	252	717045	48.526	ng	99
89) Benzo(k)fluoranthene	24.07	252	702895	48.207	ng	99
90) Benzo(a)pyrene	24.91	252	705370	49.950	ng	99
91) Dibenzo(a,h)anthracene	28.95	278	676119	49.760	ng	98
92) Benzo(g,h,i)perylene	30.08	276	679046	50.262	ng	98

(#) = 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. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

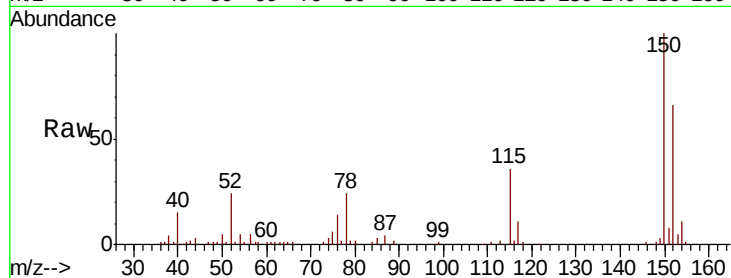
Tgt Ion:152 Resp: 47558

Ion Ratio Lower Upper

152 100

150 152.3 126.0 189.0

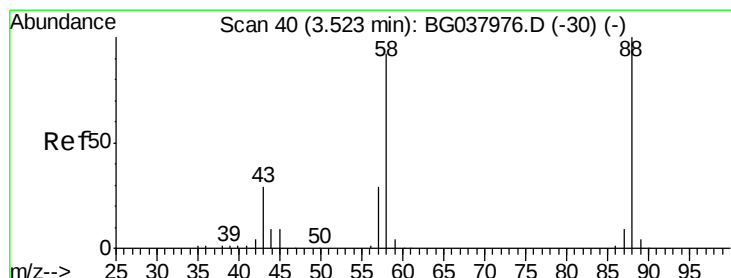
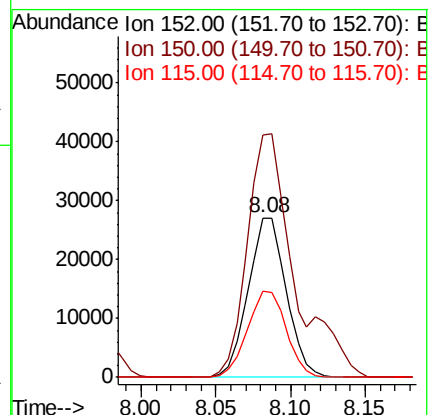
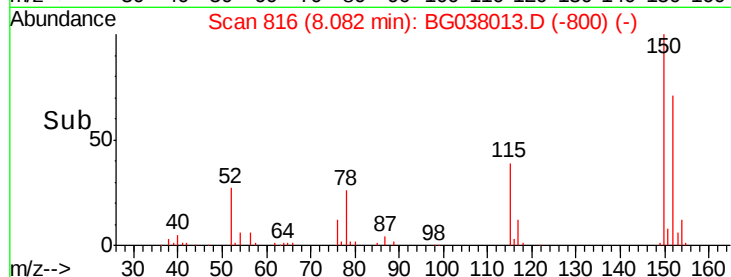
115 54.5 45.5 68.3



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: 34.276 ng

RT: 3.51 min Scan# 38

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

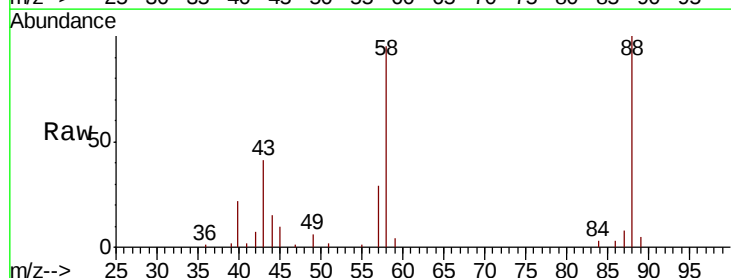
Tgt Ion: 88 Resp: 44595

Ion Ratio Lower Upper

88 100

58 93.4 74.4 111.6

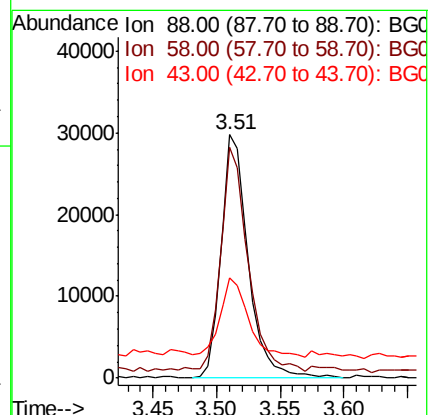
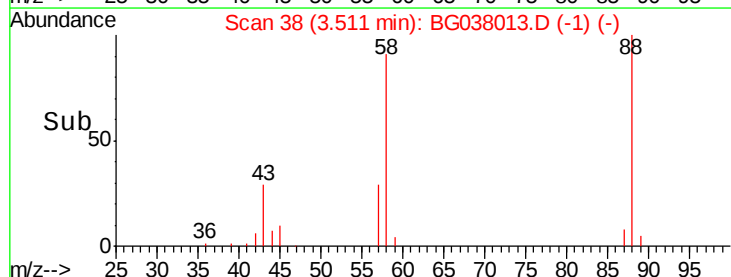
43 33.7 25.8 38.8

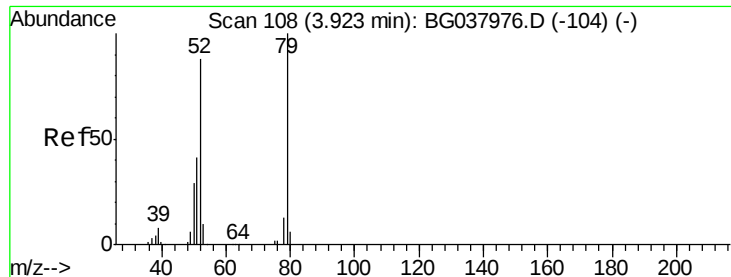


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 33.804 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

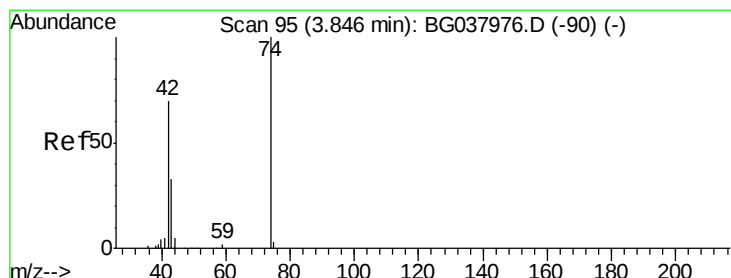
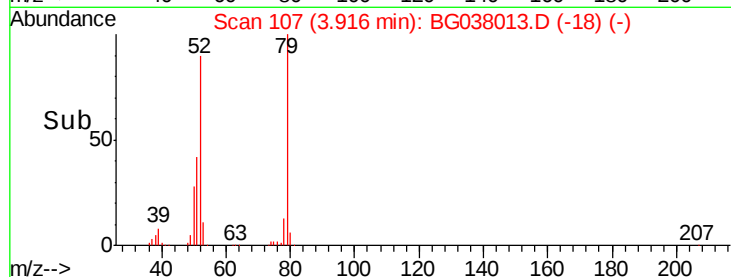
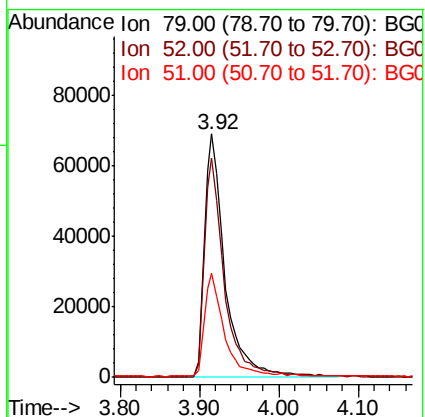
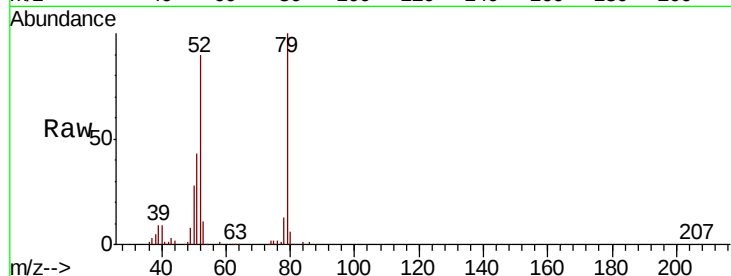
Tgt Ion: 79 Resp: 125460

Ion Ratio Lower Upper

79 100

52 90.1 74.2 111.2

51 42.7 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 42.821 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

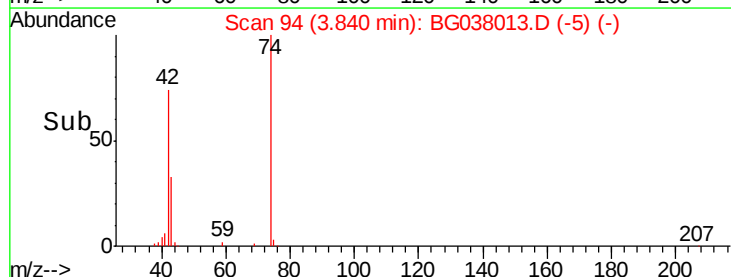
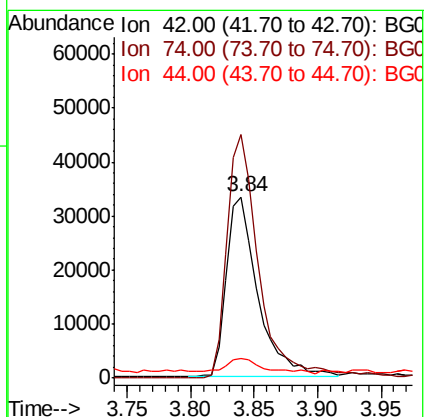
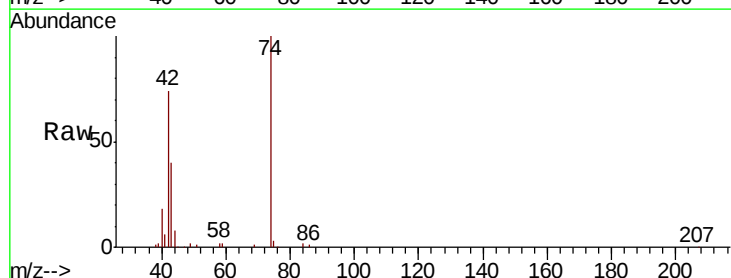
Tgt Ion: 42 Resp: 57657

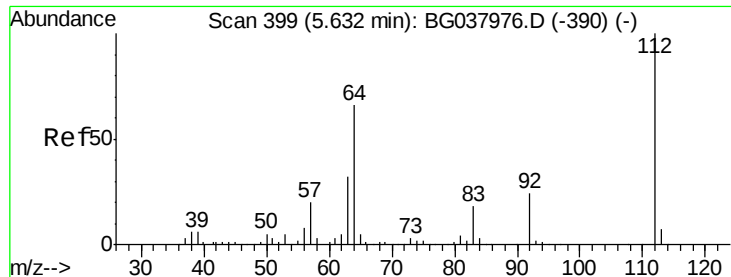
Ion Ratio Lower Upper

42 100

74 134.5 102.0 153.0

44 10.7 9.6 14.4





#5

2-Fluorophenol

Concen: 139.998 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

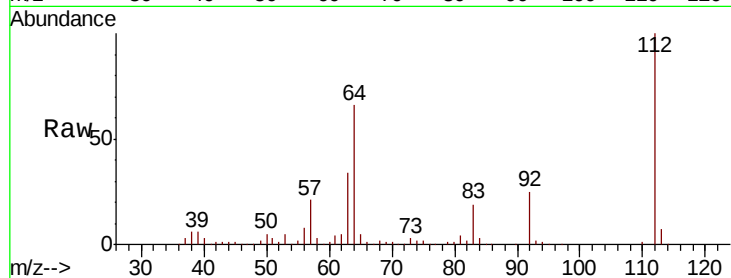
Tgt Ion: 112 Resp: 385623

Ion Ratio Lower Upper

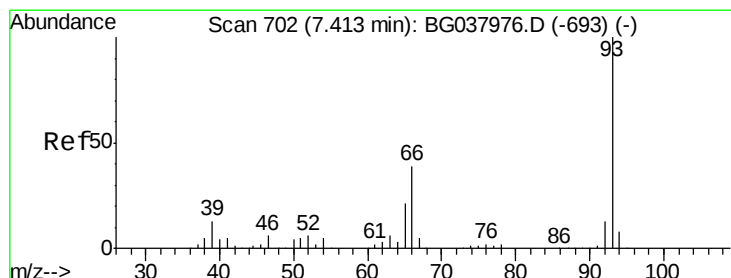
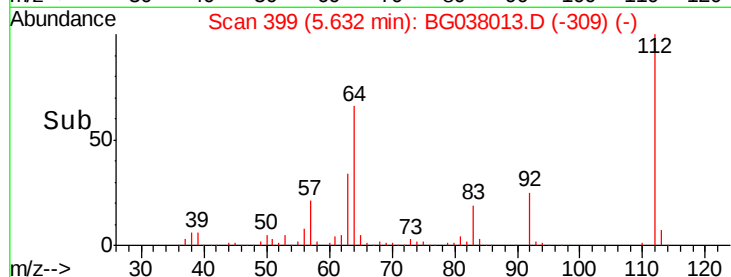
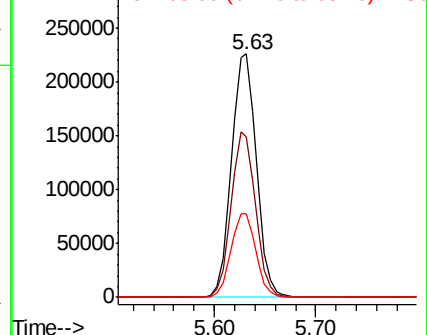
112 100

64 65.8 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: 33.983 ng

RT: 7.41 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

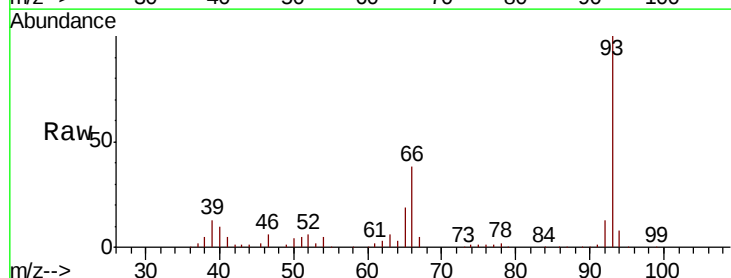
Tgt Ion: 93 Resp: 172450

Ion Ratio Lower Upper

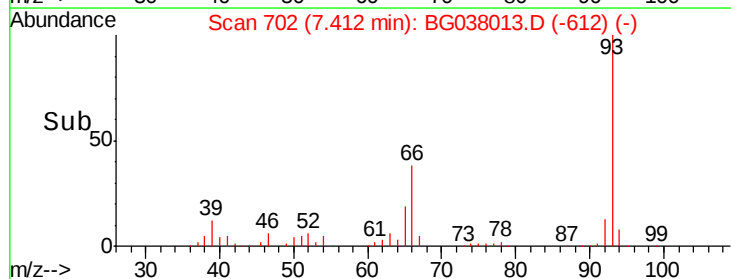
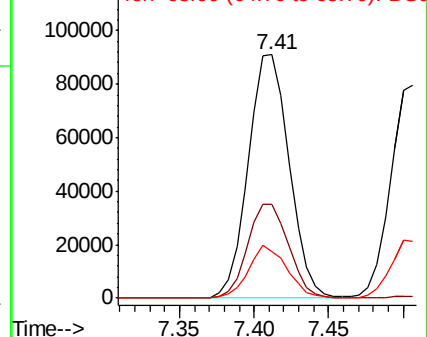
93 100

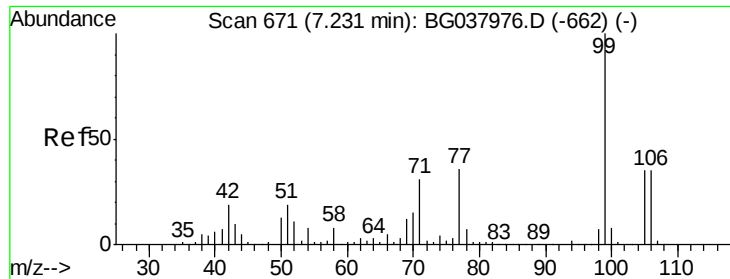
66 38.5 32.8 49.2

65 19.3 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: 131.041 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

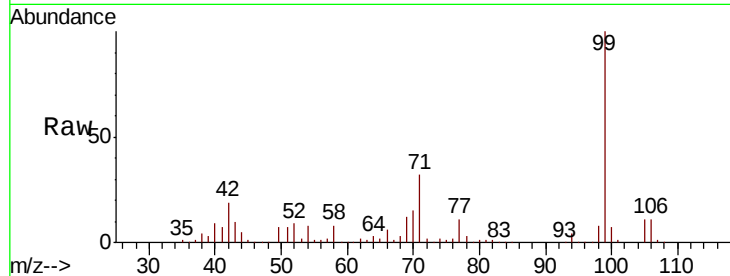
Tgt Ion: 99 Resp: 515235

Ion Ratio Lower Upper

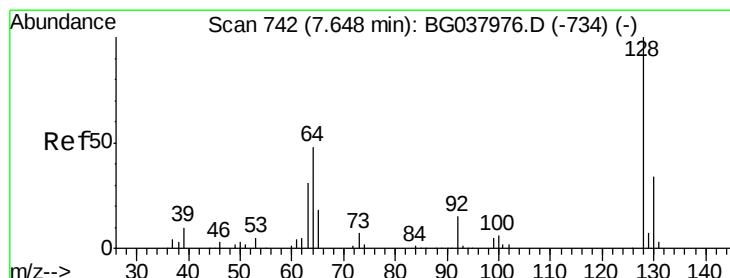
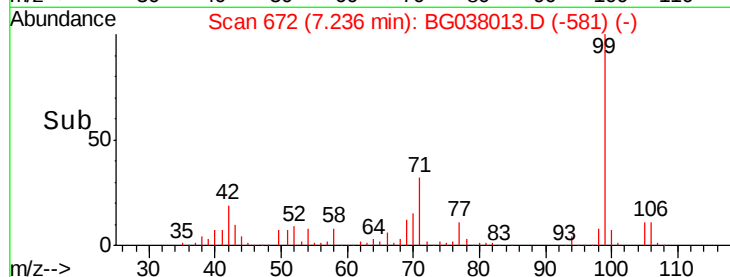
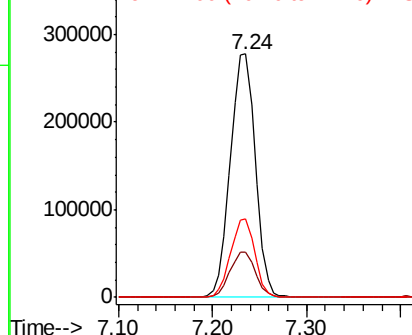
99 100

42 18.8 15.0 22.4

71 32.1 25.5 38.3



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



#8

2-Chlorophenol

Concen: 43.636 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

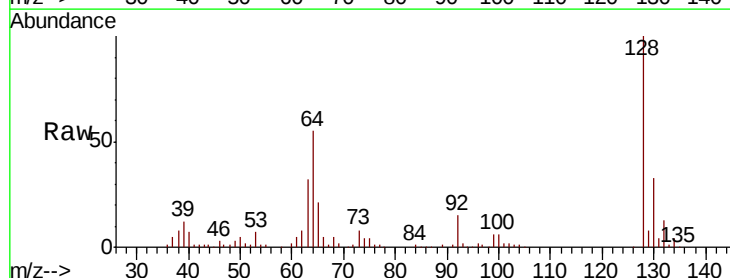
Tgt Ion: 128 Resp: 139466

Ion Ratio Lower Upper

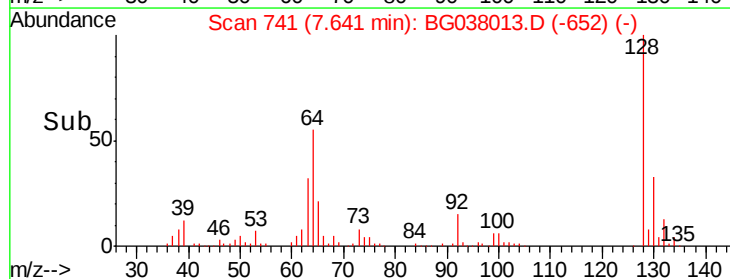
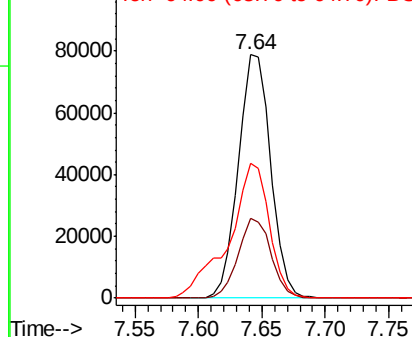
128 100

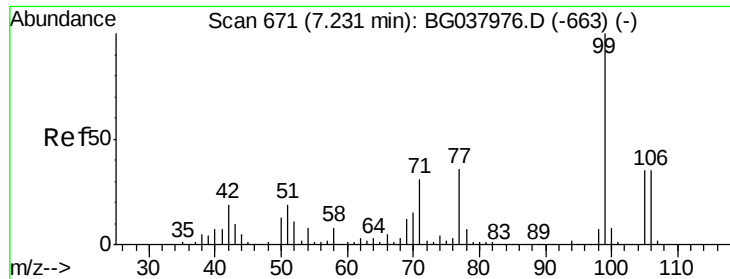
130 32.5 12.0 52.0

64 55.2 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: 30.200 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

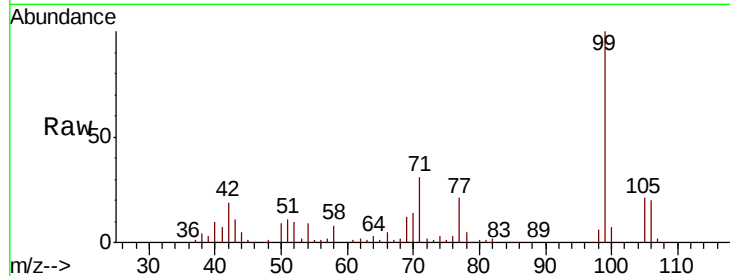
Tgt Ion: 77 Resp: 85872

Ion Ratio Lower Upper

77 100

105 96.5 72.6 112.6

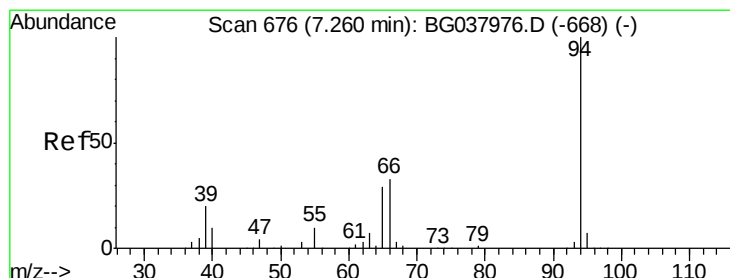
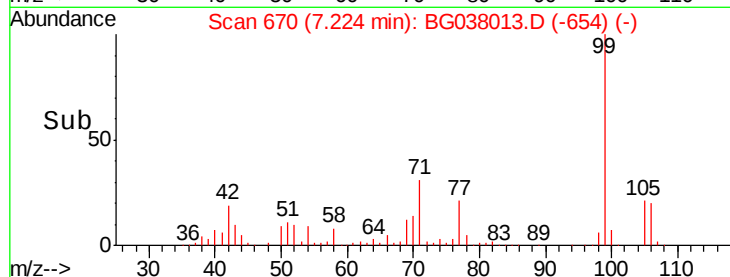
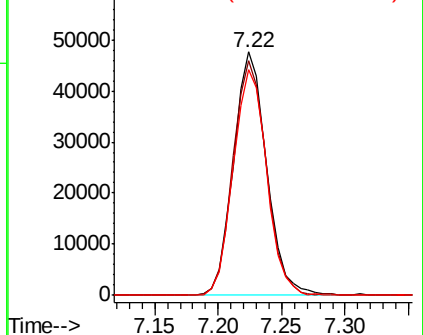
106 92.7 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.708 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

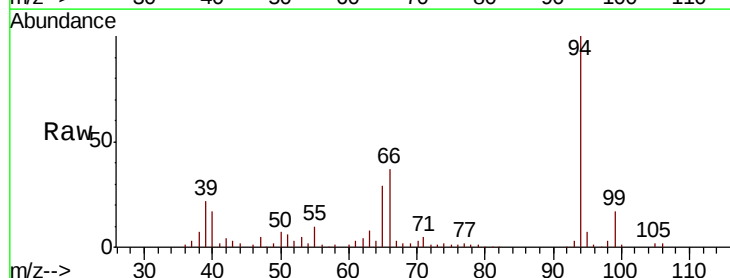
Tgt Ion: 94 Resp: 182031

Ion Ratio Lower Upper

94 100

65 29.4 9.7 49.7

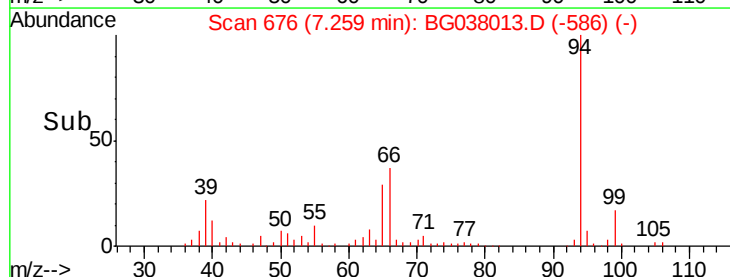
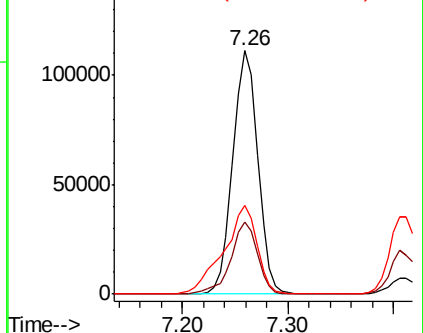
66 36.6 15.9 55.9

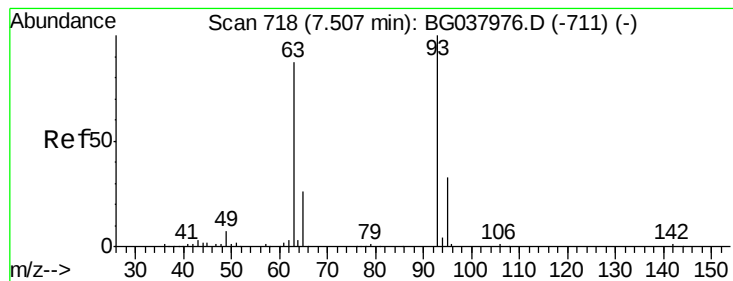


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.757 ng

RT: 7.51 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

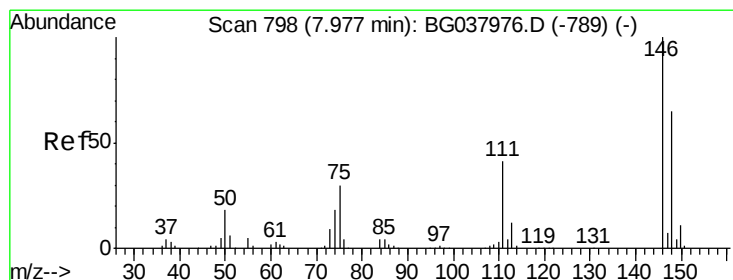
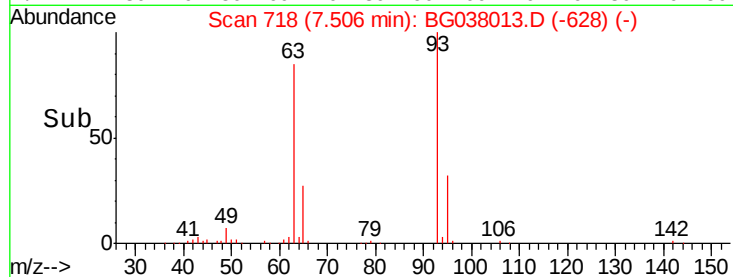
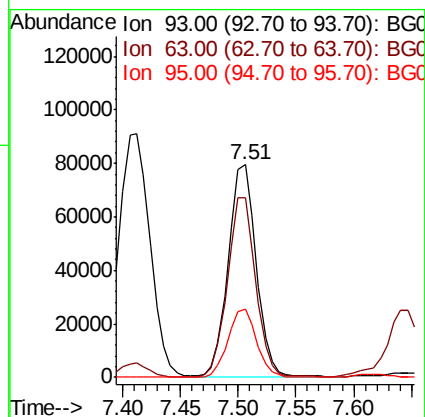
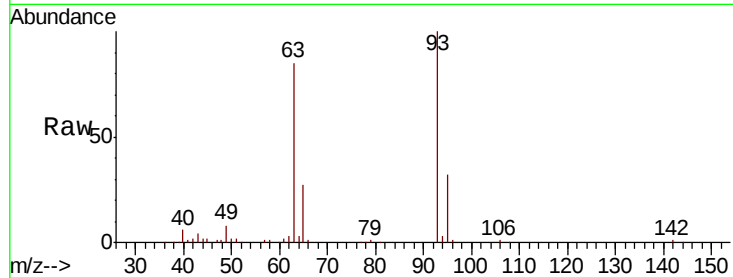
Tgt Ion: 93 Resp: 135176

Ion Ratio Lower Upper

93 100

63 84.8 69.5 109.5

95 32.3 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 38.925 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

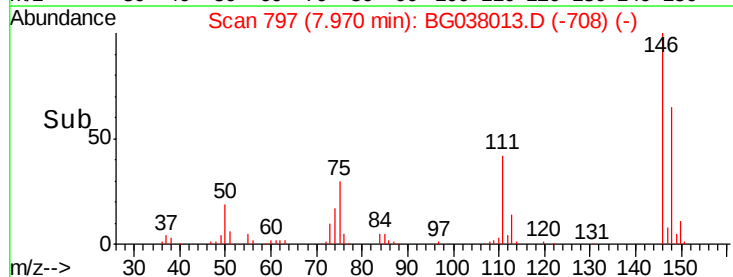
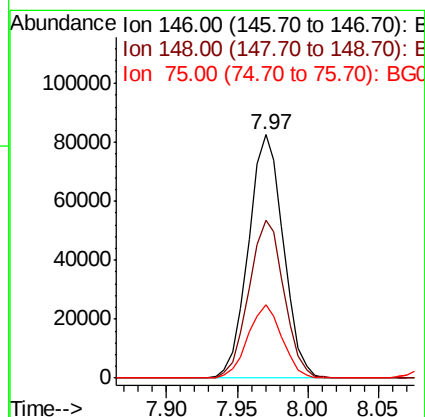
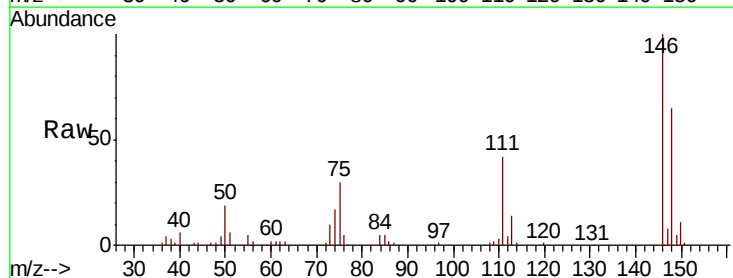
Tgt Ion: 146 Resp: 143323

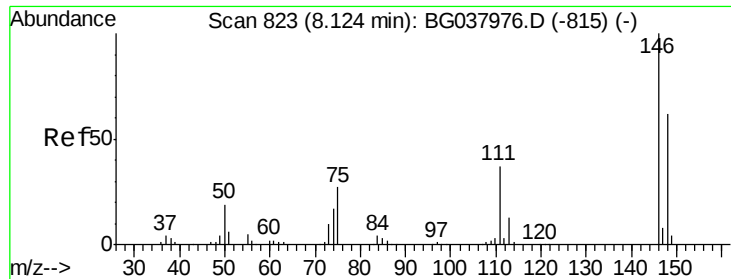
Ion Ratio Lower Upper

146 100

148 64.7 49.8 74.8

75 30.0 23.2 34.8

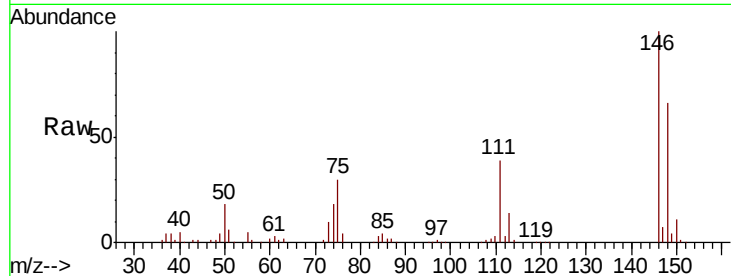




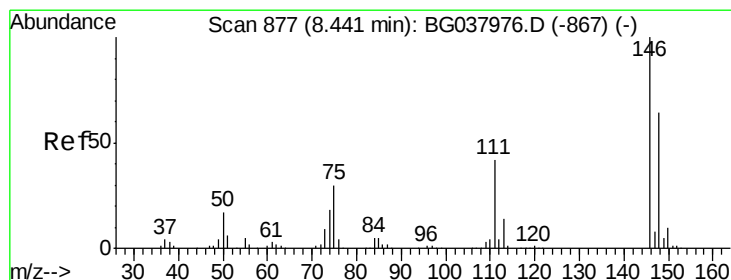
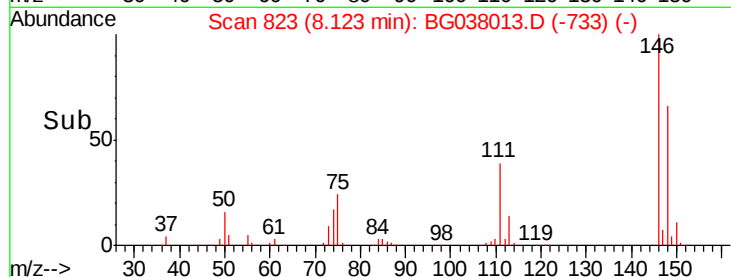
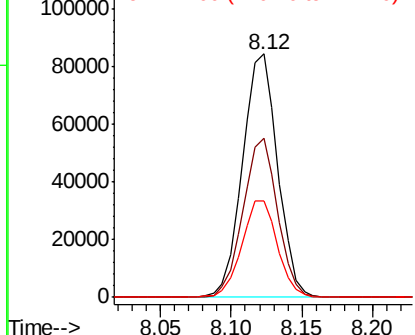
#13
 1,4-Dichlorobenzene
 Concen: 39.458 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG038013.D
 Acq: 15 Nov 2018 1:32

Instrument :
 BNA_G
 ClientSampleId :
 PB114826BS

Tgt Ion:146 Resp: 146761
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.0 76.6
 111 39.4 32.4 48.6

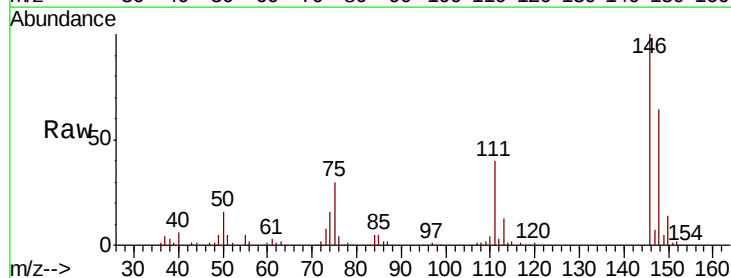


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

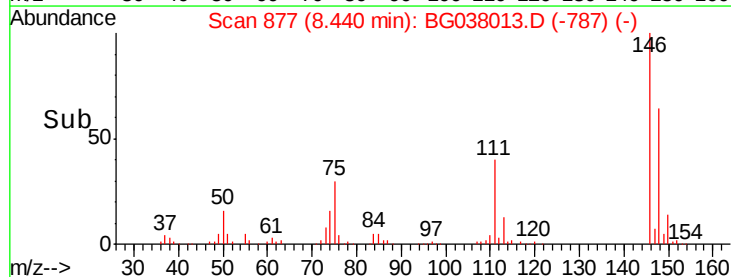
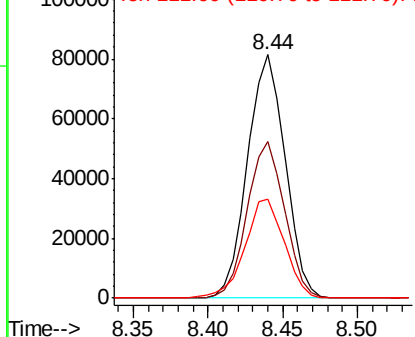


#14
 1,2-Dichlorobenzene
 Concen: 39.963 ng
 RT: 8.44 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BG038013.D
 Acq: 15 Nov 2018 1:32

Tgt Ion:146 Resp: 141911
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.4 75.6
 111 40.5 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: 43.740 ng

RT: 8.32 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

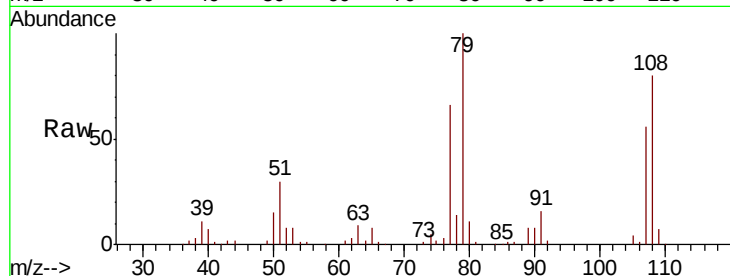
Tgt Ion: 79 Resp: 124444

Ion Ratio Lower Upper

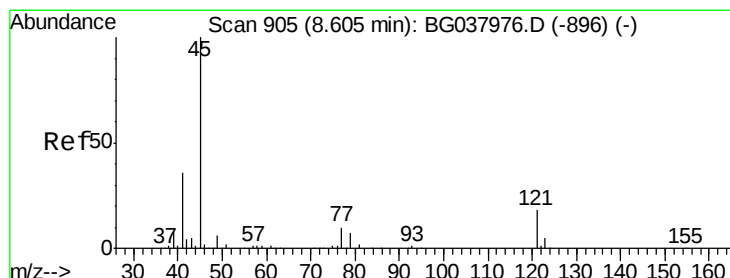
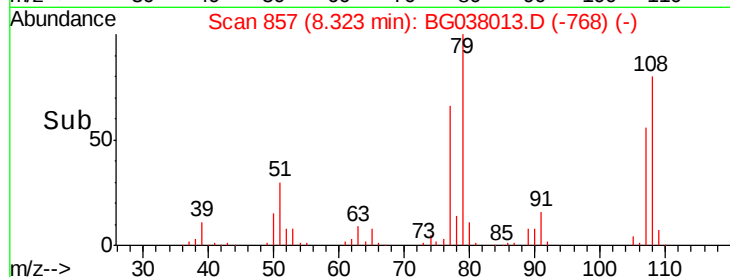
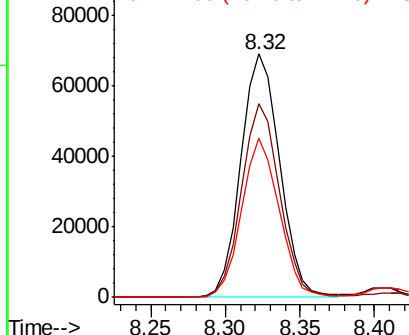
79 100

108 79.6 65.8 98.8

77 65.5 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: 40.067 ng

RT: 8.60 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

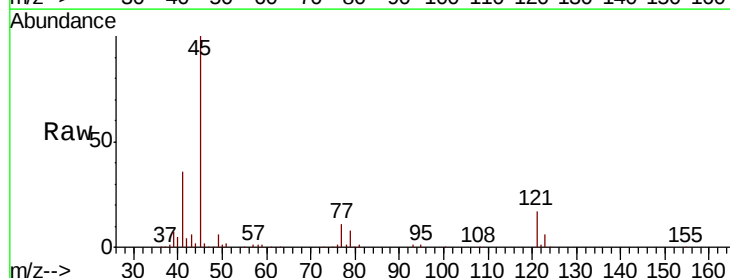
Tgt Ion: 45 Resp: 252964

Ion Ratio Lower Upper

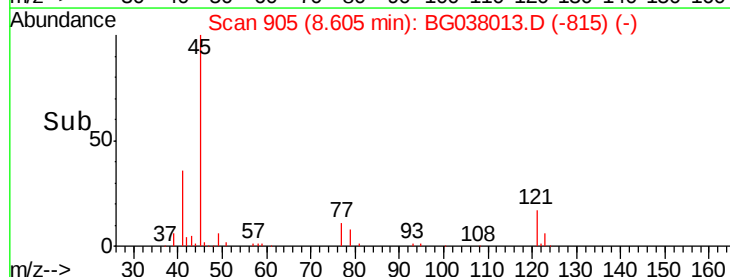
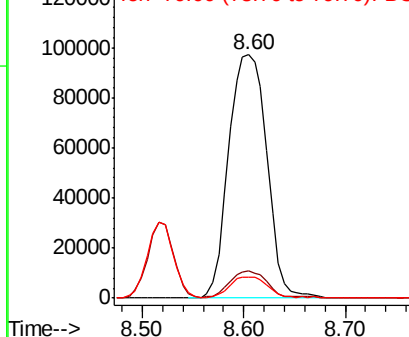
45 100

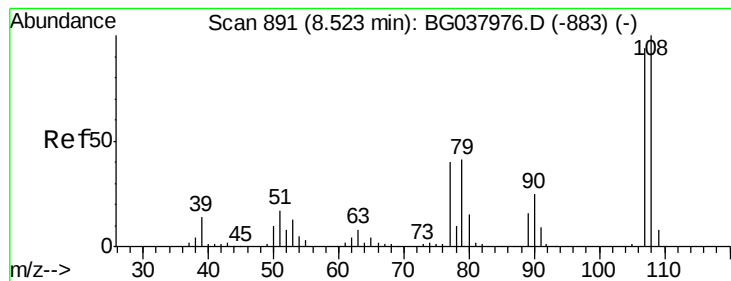
77 11.3 0.0 30.0

79 8.5 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: 44.550 ng

RT: 8.52 min Scan# 890

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

Tgt Ion:107 Resp: 125440

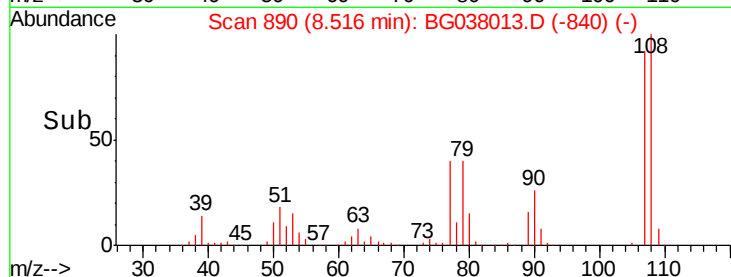
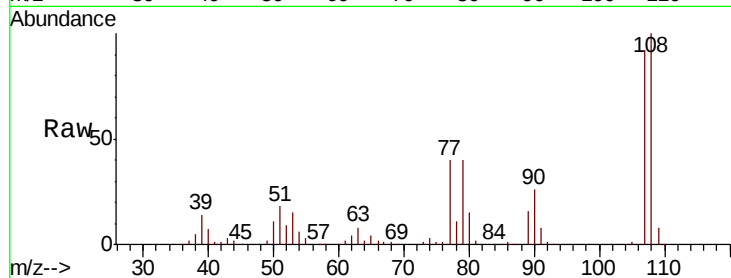
Ion Ratio Lower Upper

107 100

108 109.1 87.9 131.9

77 43.1 35.1 52.7

79 43.2 34.5 51.7

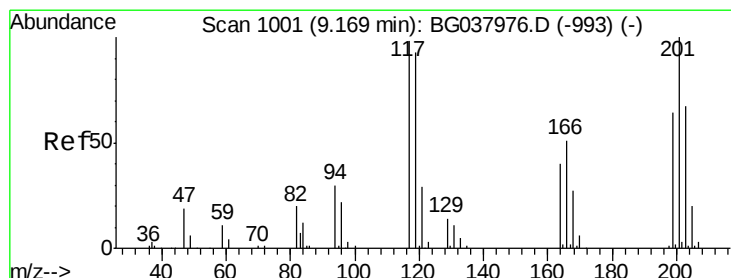
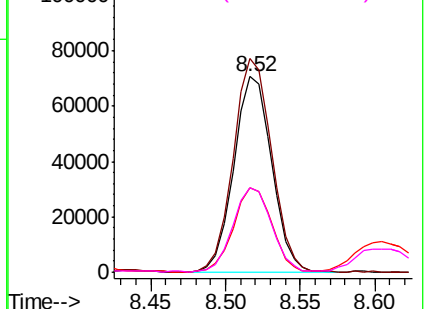


Abundance Ion 107.00 (106.70 to 107.70): E

120000 Ion 108.00 (107.70 to 108.70): E

100000 Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.006 ng

RT: 9.16 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

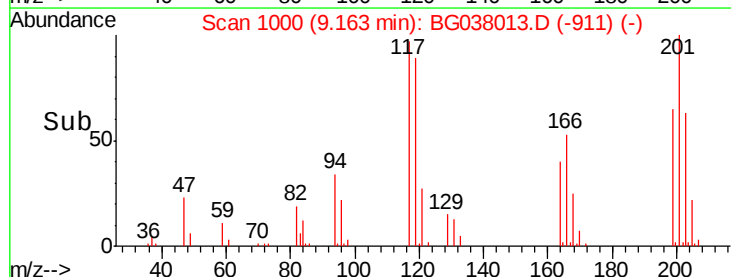
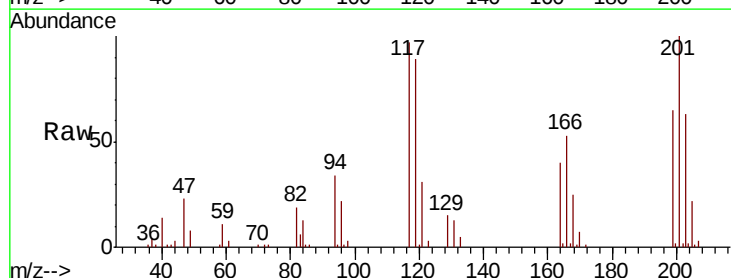
Tgt Ion:117 Resp: 54153

Ion Ratio Lower Upper

117 100

119 91.4 74.6 111.8

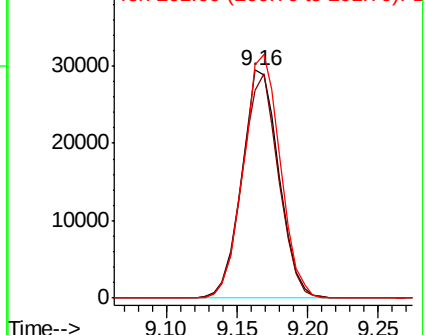
201 102.6 80.8 121.2

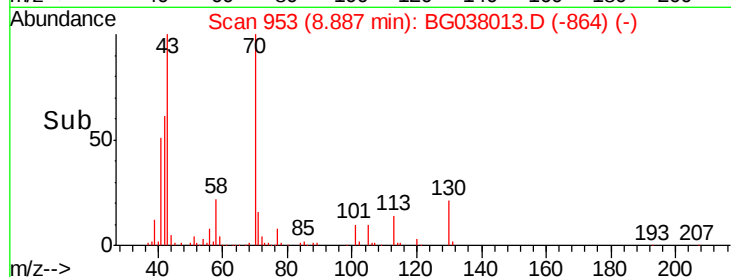
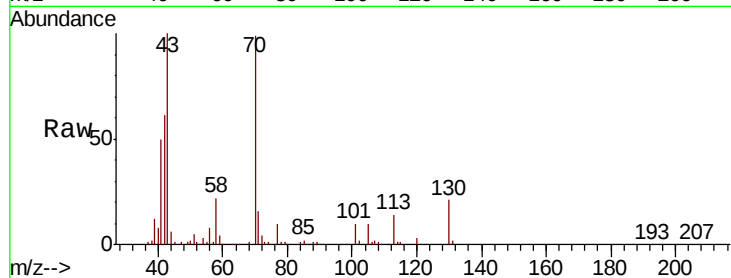
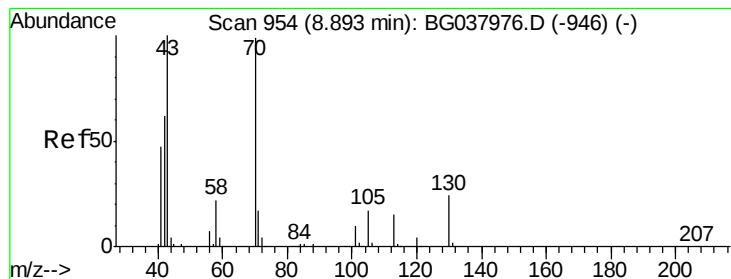


Abundance Ion 117.00 (116.70 to 117.70): E

40000 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: 37.981 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

Tgt Ion: 70 Resp: 108057

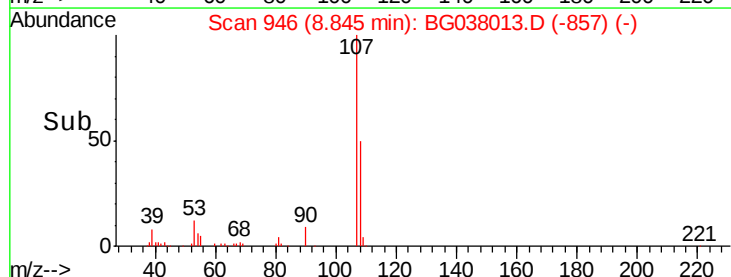
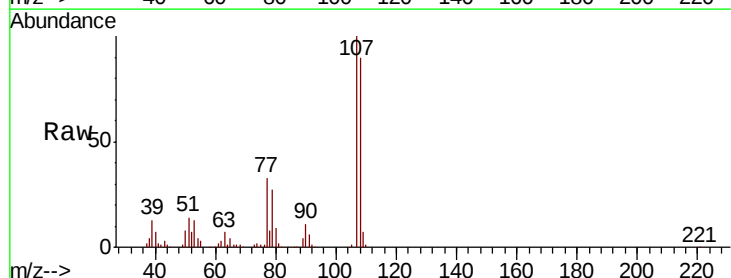
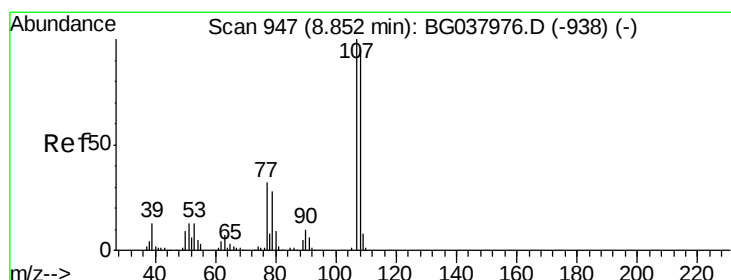
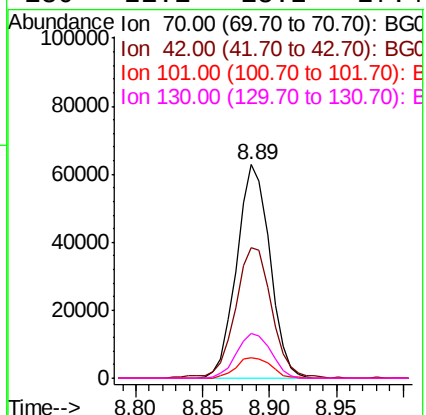
Ion Ratio Lower Upper

70 100

42 61.1 53.9 80.9

101 9.9 8.2 12.2

130 21.1 18.2 27.4



#20

3+4-Methylphenols

Concen: 42.513 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Tgt Ion: 107 Resp: 169690

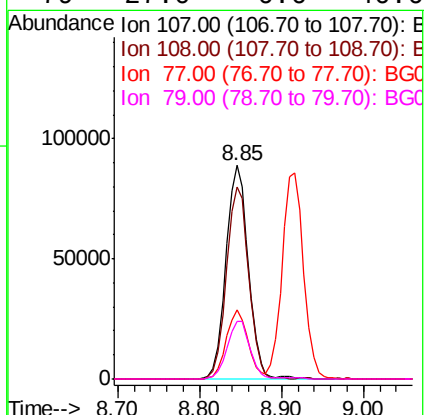
Ion Ratio Lower Upper

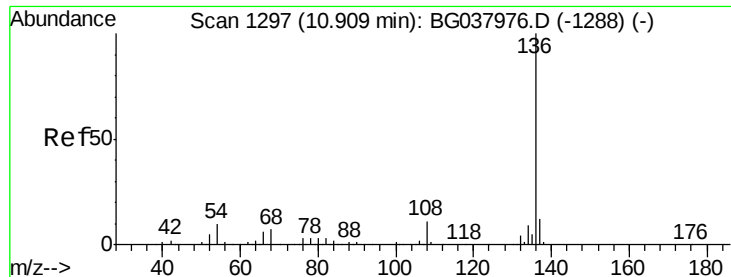
107 100

108 89.8 69.9 109.9

77 32.5 11.2 51.2

79 27.0 6.6 46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

Tgt Ion:136 Resp: 193350

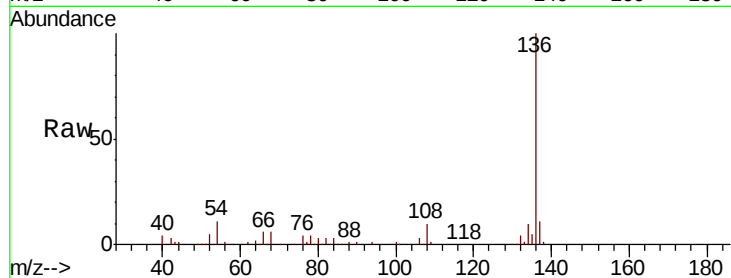
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 10.9 7.9 11.9

68 6.3 4.8 7.2

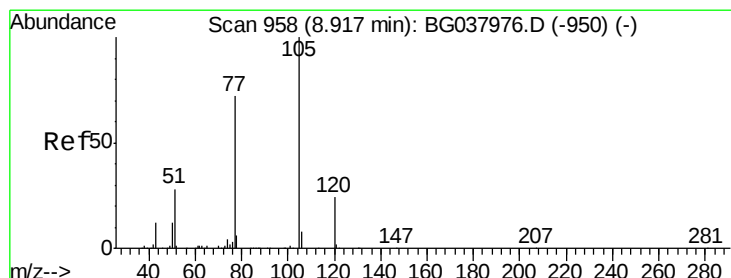
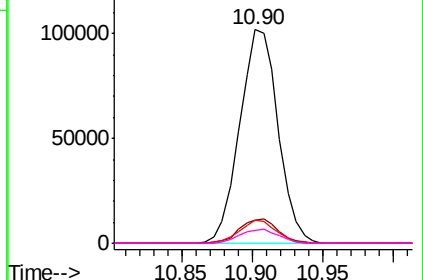
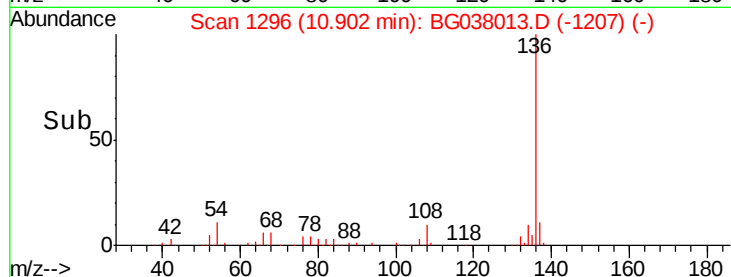


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.443 ng

RT: 8.92 min Scan# 958

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Tgt Ion:105 Resp: 204181

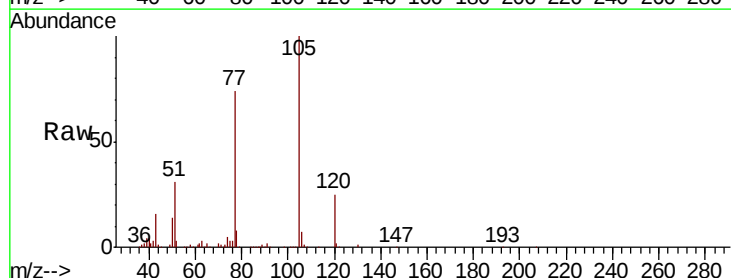
Ion Ratio Lower Upper

105 100

71 0.5 1.2 1.8#

51 31.4 25.0 37.6

120 24.6 18.6 28.0

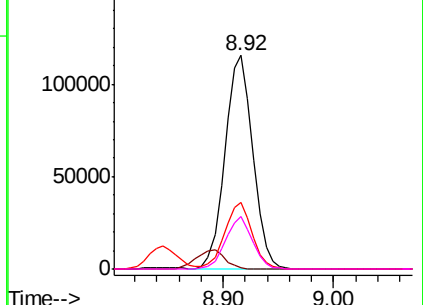
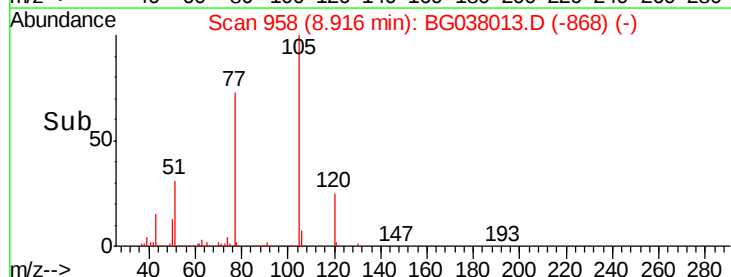


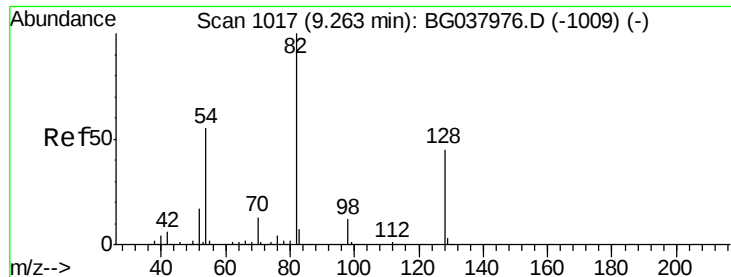
Abundance Ion 105.00 (104.70 to 105.70): E

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

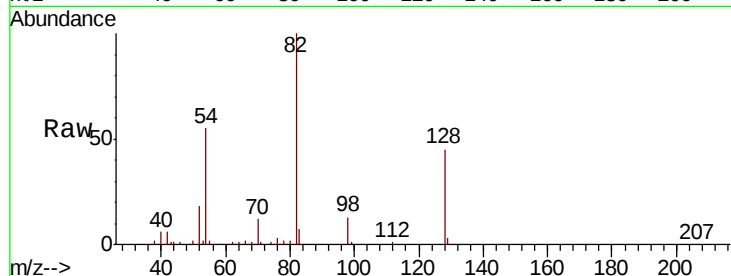




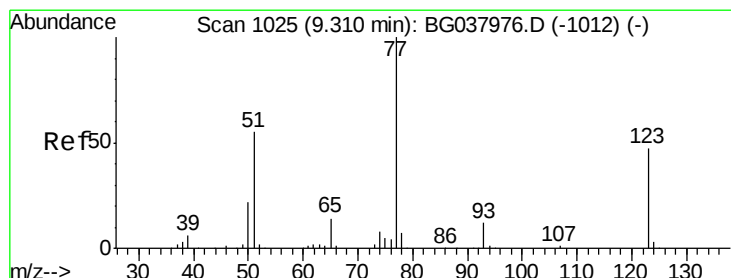
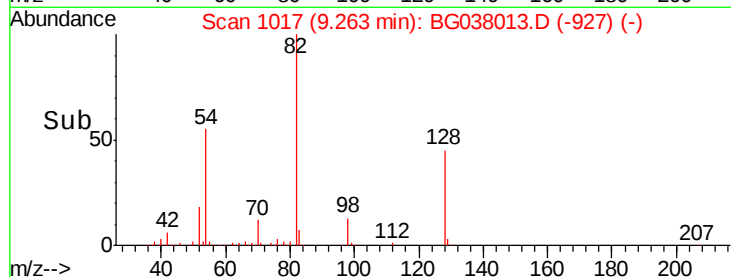
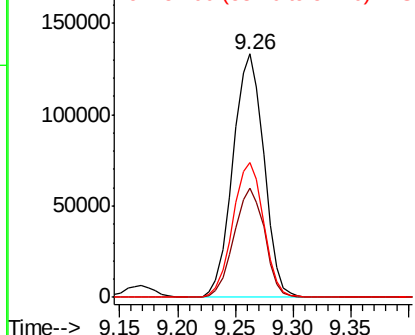
#23
 Nitrobenzene-d5
 Concen: 68.501 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG038013.D
 Acq: 15 Nov 2018 1:32

Instrument :
 BNA_G
 ClientSampleId :
 PB114826BS

Tgt Ion: 82 Resp: 247422
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.6 51.8
 54 55.5 45.3 67.9

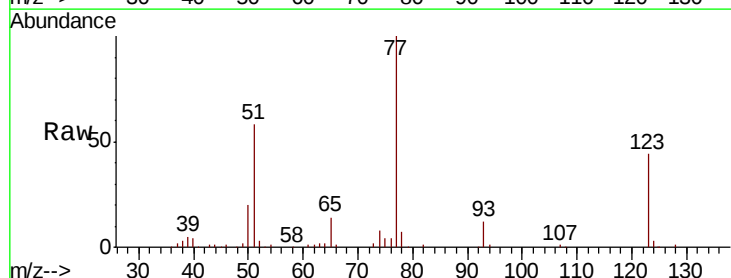


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

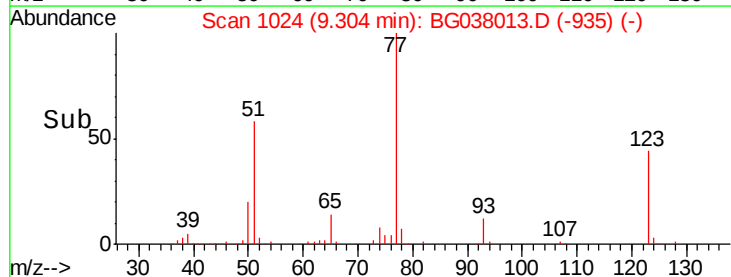
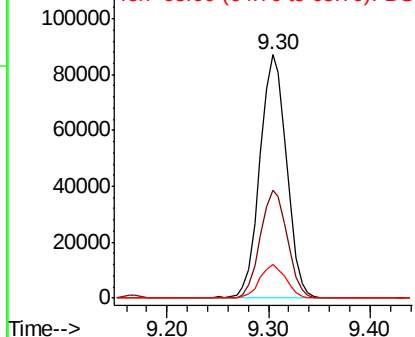


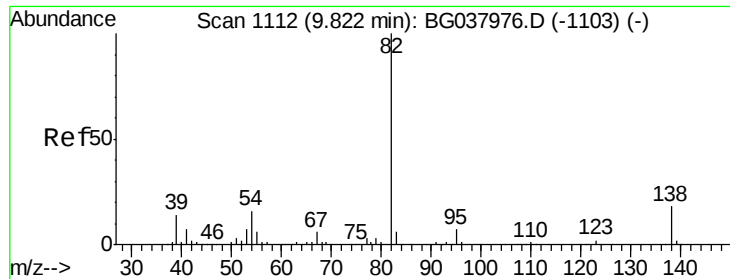
#24
 Nitrobenzene
 Concen: 43.001 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG038013.D
 Acq: 15 Nov 2018 1:32

Tgt Ion: 77 Resp: 158883
 Ion Ratio Lower Upper
 77 100
 123 44.5 33.6 50.4
 65 13.6 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: 46.096 ng

RT: 9.81 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

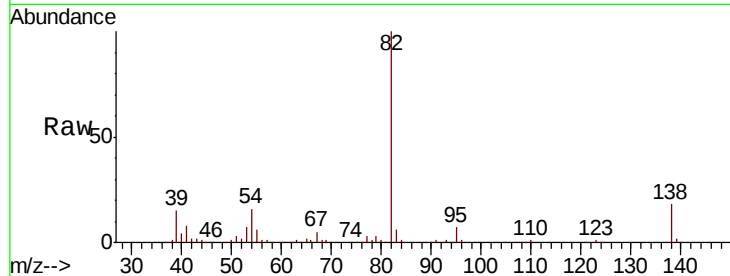
Tgt Ion: 82 Resp: 299676

Ion Ratio Lower Upper

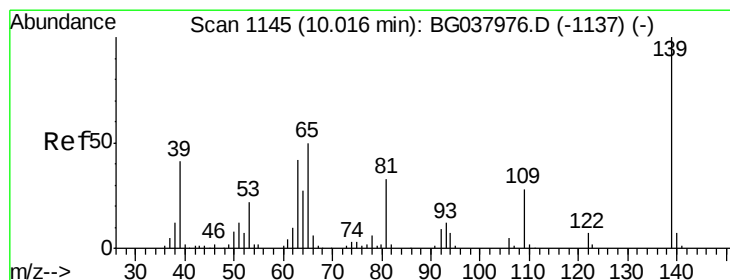
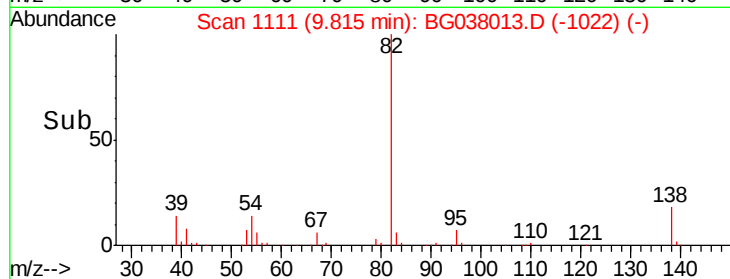
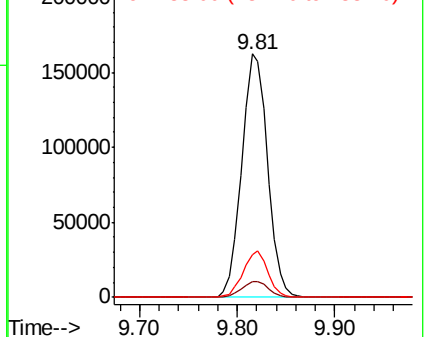
82 100

95 6.6 5.3 7.9

138 17.6 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: 42.645 ng

RT: 10.01 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

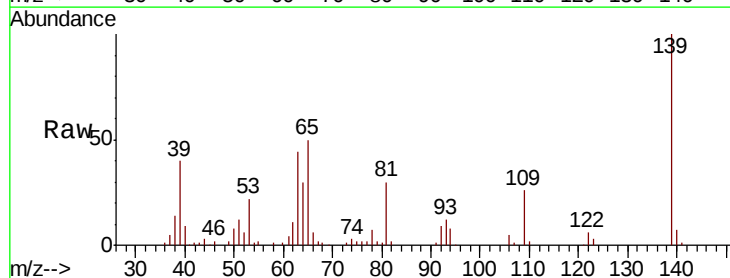
Tgt Ion: 139 Resp: 78662

Ion Ratio Lower Upper

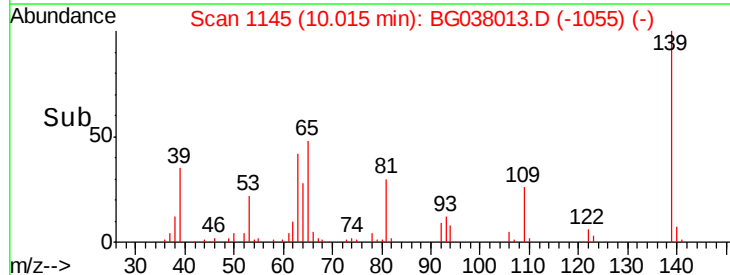
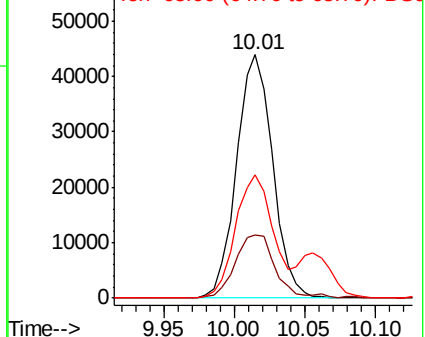
139 100

109 26.1 23.3 34.9

65 50.5 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

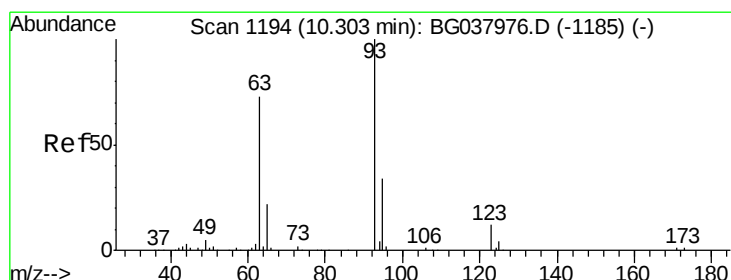
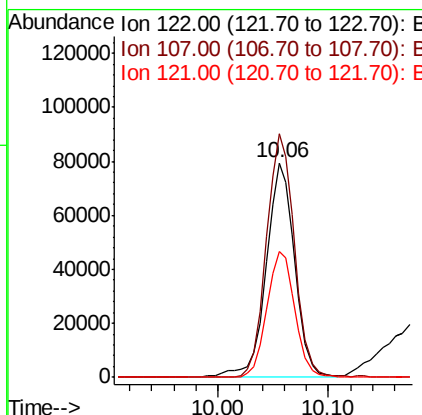
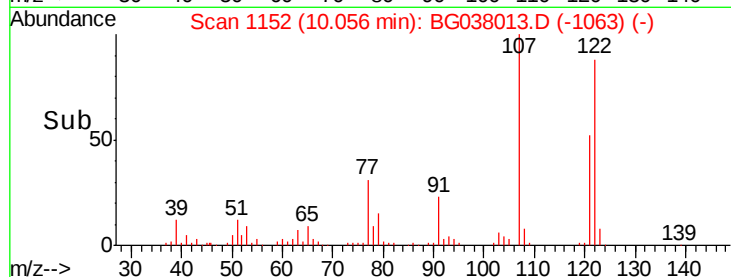
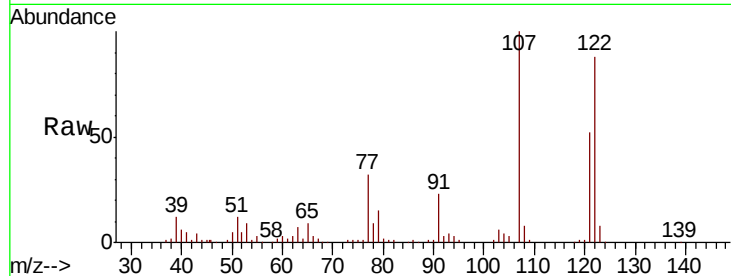




#27
 2,4-Dimethylphenol
 Concen: 51.500 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG038013.D
 Acq: 15 Nov 2018 1:32

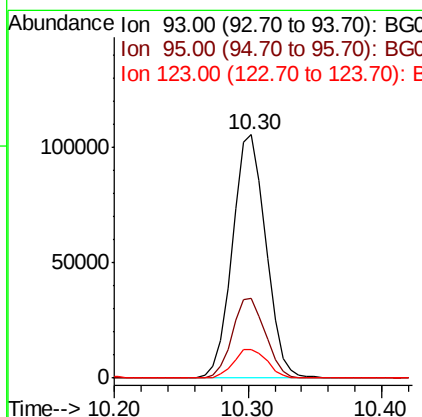
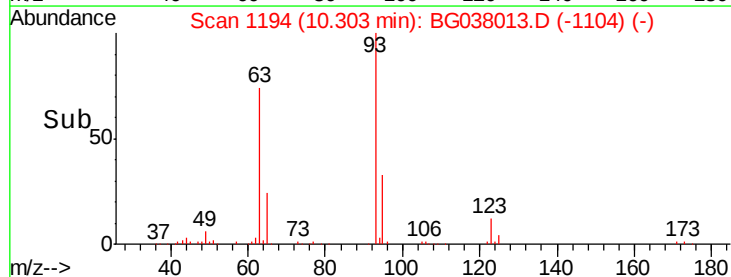
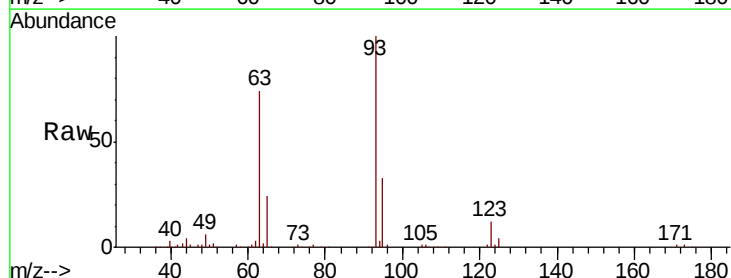
Instrument :
 BNA_G
 ClientSampleId :
 PB114826BS

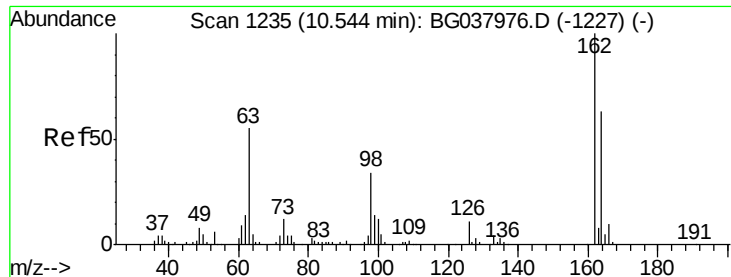
Tgt Ion: 122 Resp: 143129
 Ion Ratio Lower Upper
 122 100
 107 113.7 94.2 141.2
 121 59.0 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.188 ng
 RT: 10.30 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BG038013.D
 Acq: 15 Nov 2018 1:32

Tgt Ion: 93 Resp: 183698
 Ion Ratio Lower Upper
 93 100
 95 32.7 24.6 37.0
 123 11.9 9.1 13.7

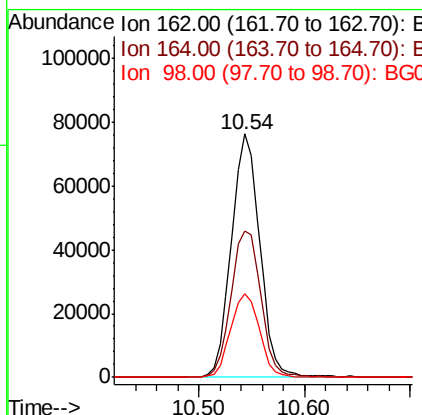
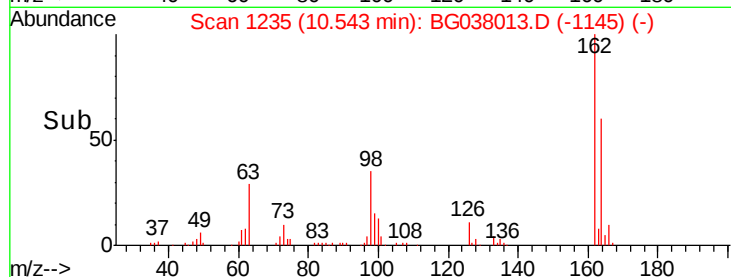
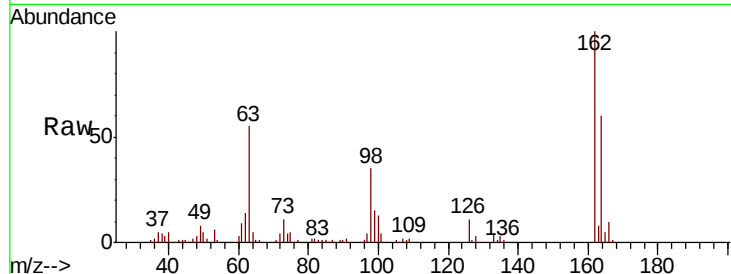




#29
 2,4-Dichlorophenol
 Concen: 45.396 ng
 RT: 10.54 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BG038013.D
 Acq: 15 Nov 2018 1:32

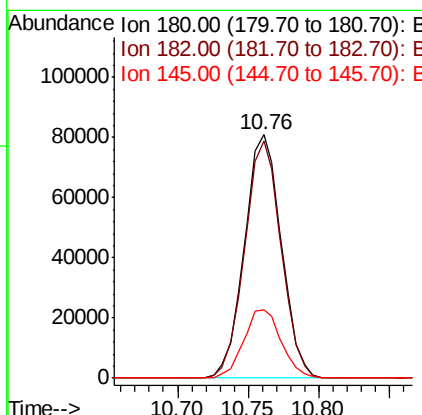
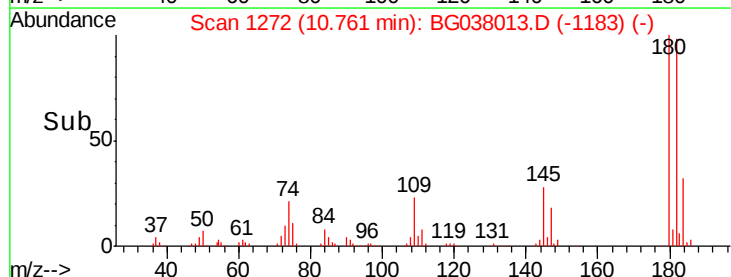
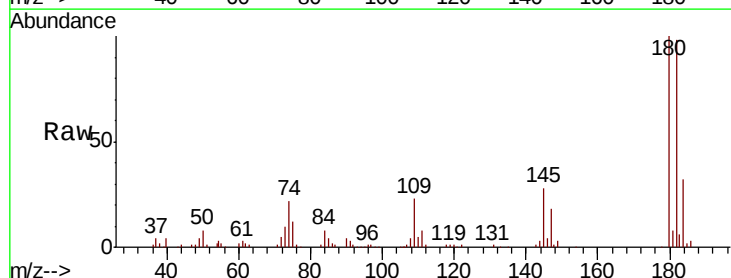
Instrument :
 BNA_G
 ClientSampleID :
 PB114826BS

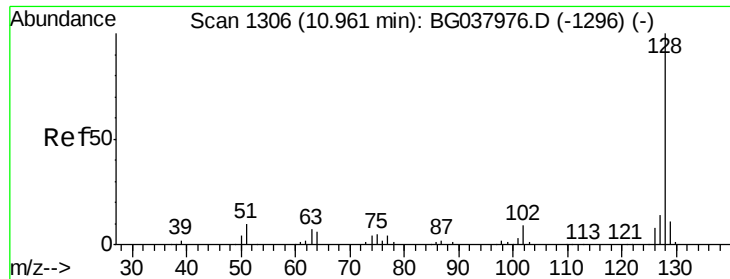
Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.3	43.2	83.2
98	34.6	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 42.317 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG038013.D
 Acq: 15 Nov 2018 1:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.7	116.5
145	28.3	23.3	34.9

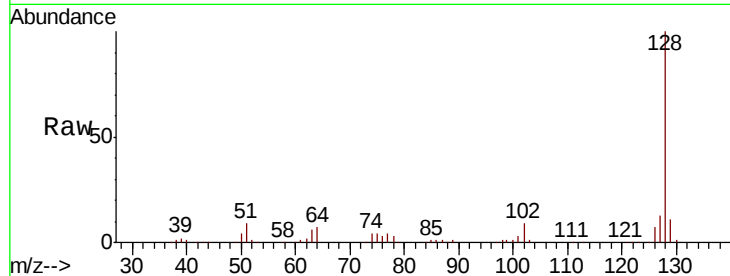




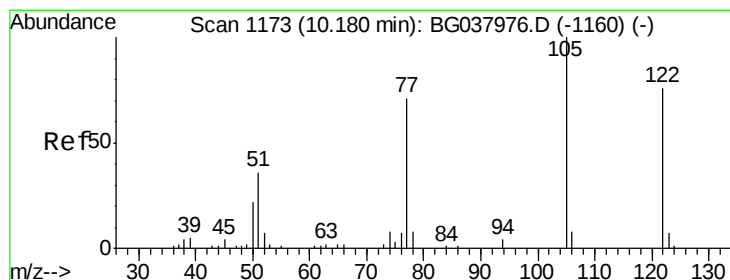
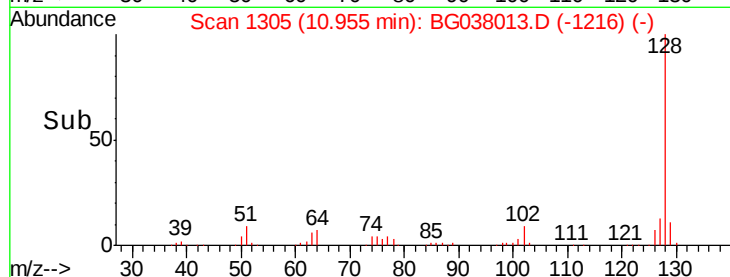
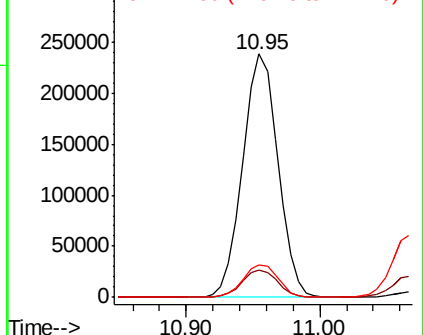
#31
Naphthalene
Concen: 45.758 ng
RT: 10.95 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038013.D
Acq: 15 Nov 2018 1:32

Instrument :
BNA_G
ClientSampleId :
PB114826BS

Tgt Ion:128 Resp: 435157
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.3 11.1 16.7

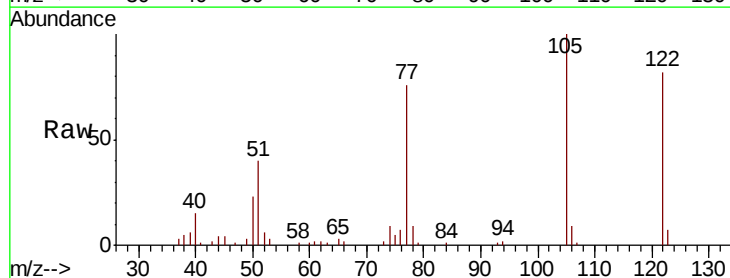


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

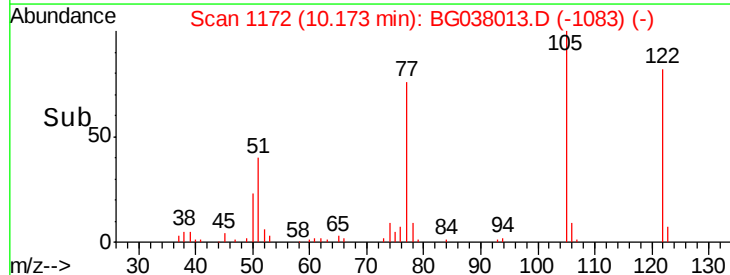
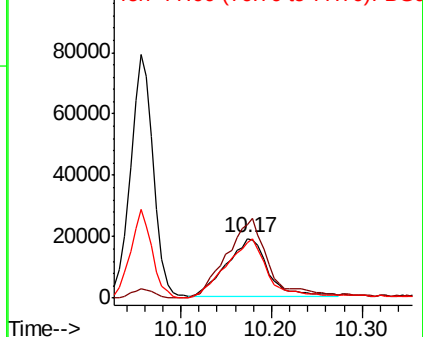


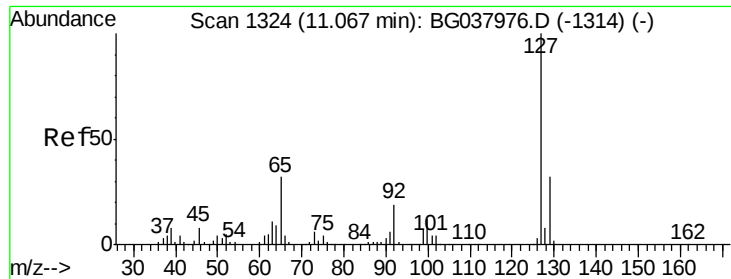
#32
Benzoic acid
Concen: 37.881 ng
RT: 10.17 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BG038013.D
Acq: 15 Nov 2018 1:32

Tgt Ion:122 Resp: 61527
Ion Ratio Lower Upper
122 100
105 122.5 106.7 146.7
77 92.6 72.2 112.2



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

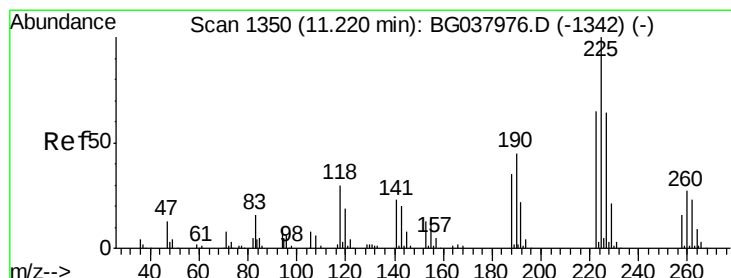
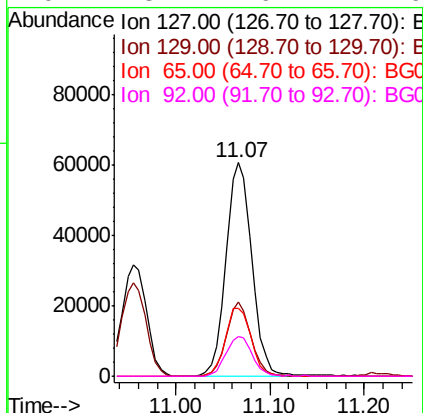
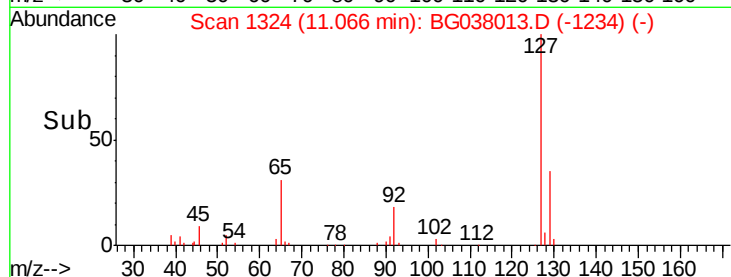
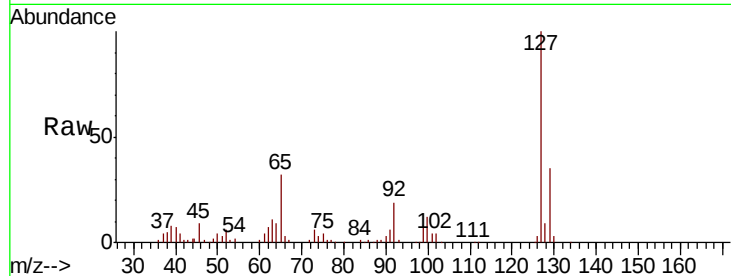




#33
4-Chloroaniline
Concen: 26.235 ng
RT: 11.07 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG038013.D
Acq: 15 Nov 2018 1:32

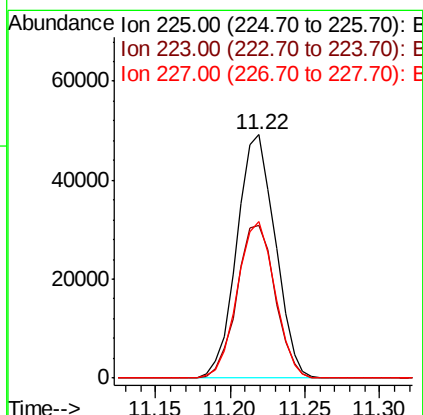
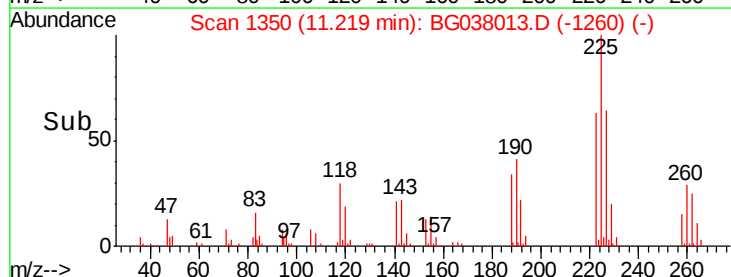
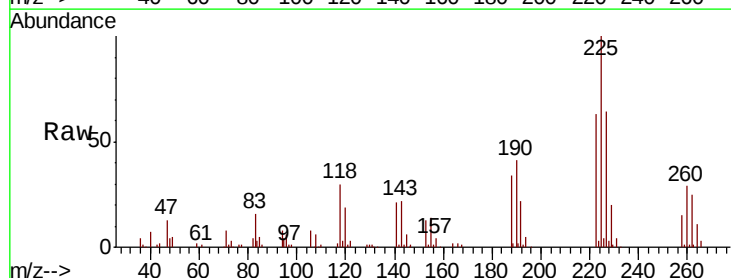
Instrument :
BNA_G
ClientSampleId :
PB114826BS

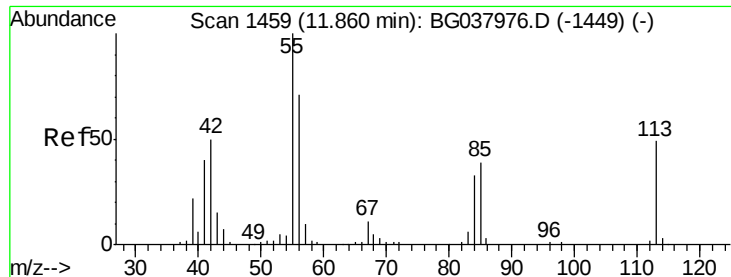
Tgt Ion:	127	Resp:	116054
Ion	Ratio	Lower	Upper
127	100		
129	34.7	27.1	40.7
65	31.5	26.6	39.8
92	18.7	16.4	24.6



#34
Hexachlorobutadiene
Concen: 40.723 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG038013.D
Acq: 15 Nov 2018 1:32

Tgt Ion:	225	Resp:	87798
Ion	Ratio	Lower	Upper
225	100		
223	63.9	48.2	72.4
227	64.2	51.6	77.4





#35

Caprolactam

Concen: 22.681 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

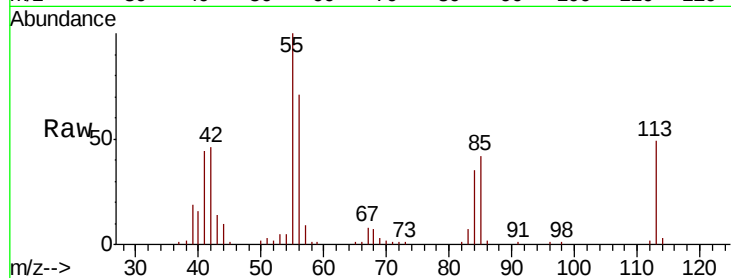
Tgt Ion:113 Resp: 28380

Ion Ratio Lower Upper

113 100

55 205.3 176.6 216.6

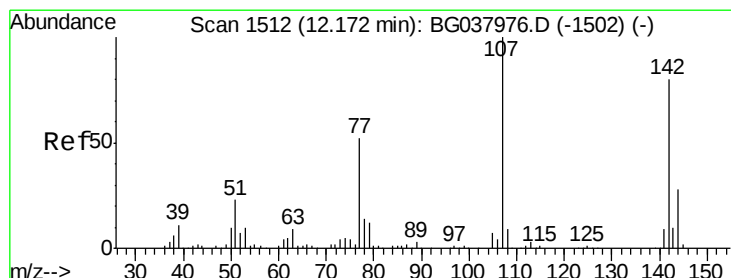
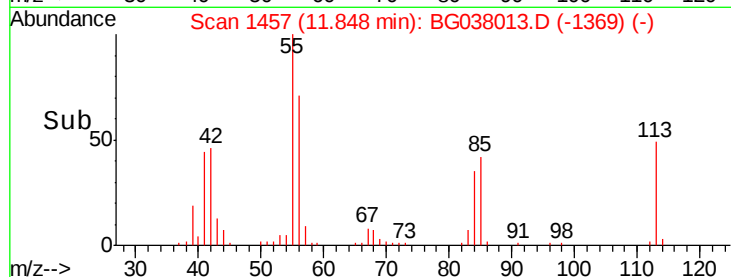
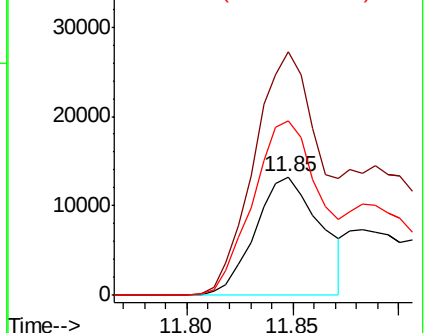
56 146.7 128.3 168.3



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: 44.312 ng

RT: 12.17 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

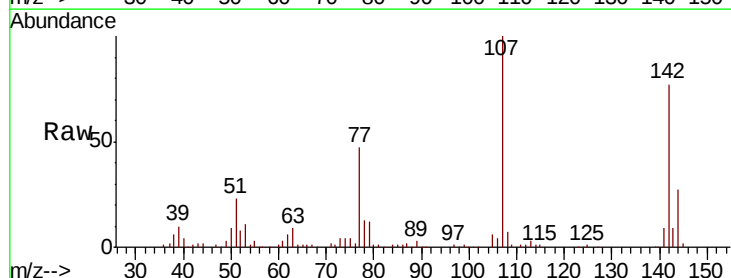
Tgt Ion:107 Resp: 151338

Ion Ratio Lower Upper

107 100

144 26.7 20.7 31.1

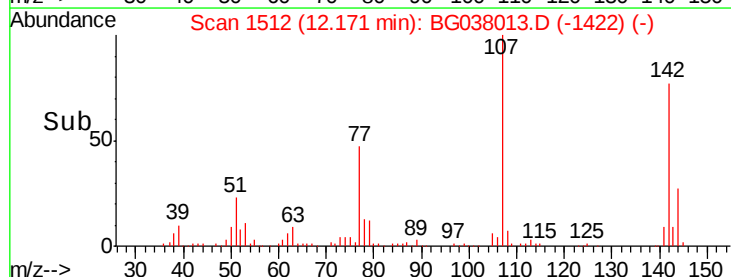
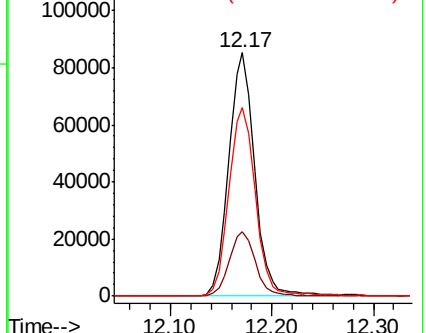
142 77.2 64.4 96.6

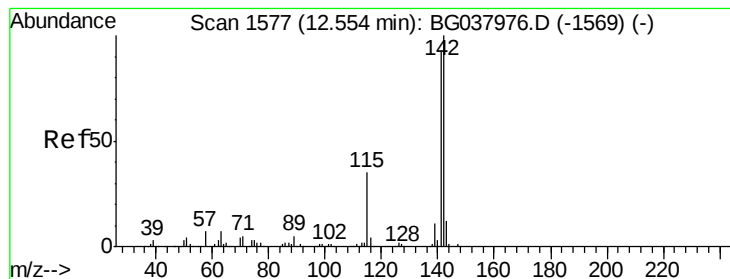


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.193 ng

RT: 12.55 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

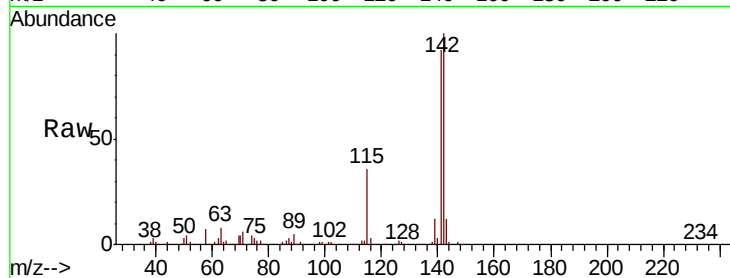
Tgt Ion:142 Resp: 315548

Ion Ratio Lower Upper

142 100

141 92.3 71.9 107.9

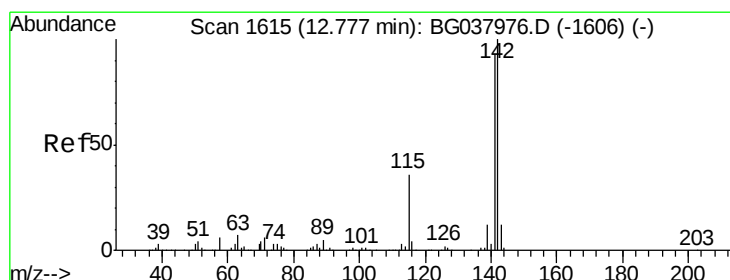
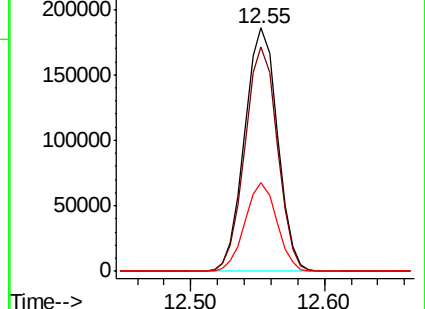
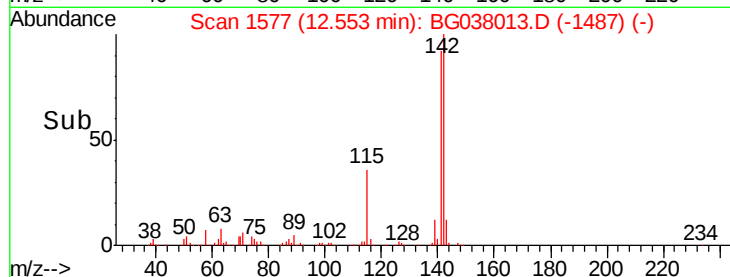
115 36.3 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.532 ng

RT: 12.77 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

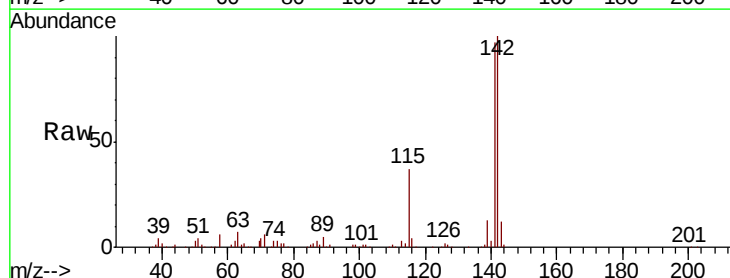
Tgt Ion:142 Resp: 299385

Ion Ratio Lower Upper

142 100

141 96.8 75.2 112.8

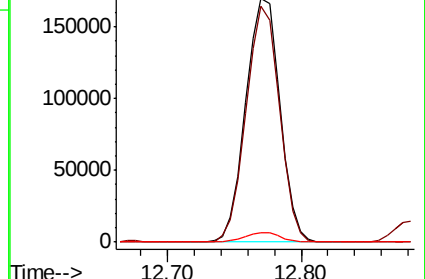
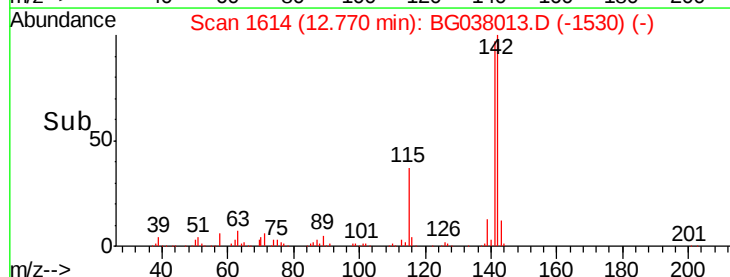
116 3.8 3.3 4.9

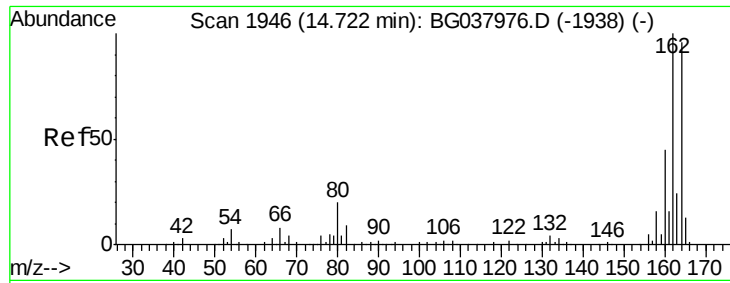


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

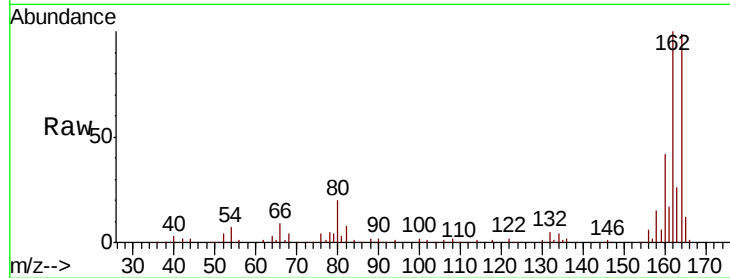
Tgt Ion:164 Resp: 116232

Ion Ratio Lower Upper

164 100

162 100.6 81.3 121.9

160 42.7 36.3 54.5

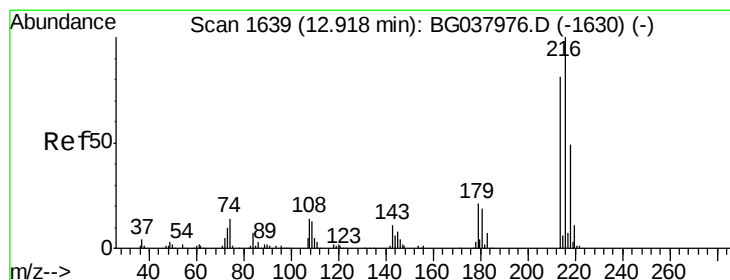
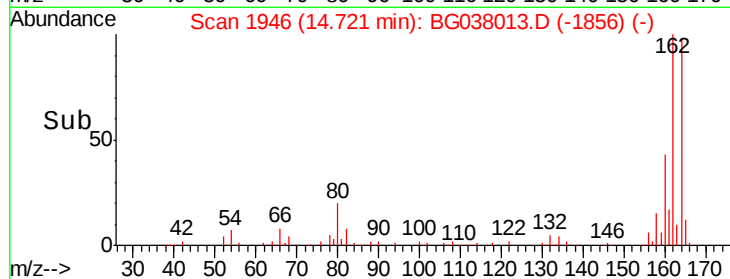
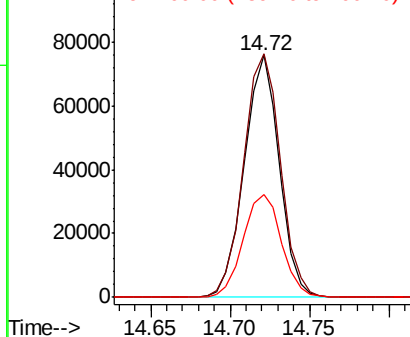


Abundance

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: 41.499 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Tgt Ion:216 Resp: 161181

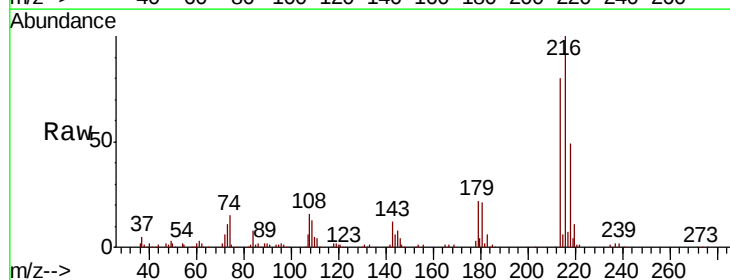
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.6

179 20.8 17.4 26.0

108 19.8 13.9 20.9



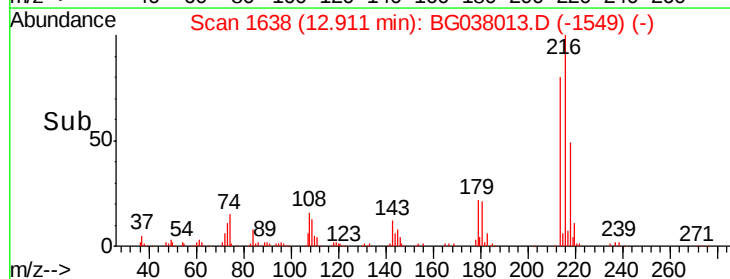
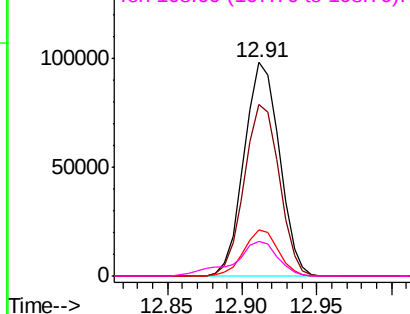
Abundance

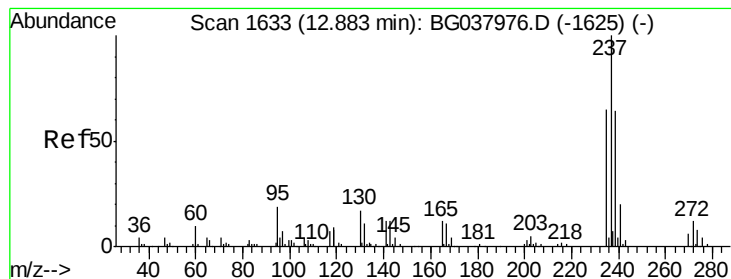
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 98.391 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

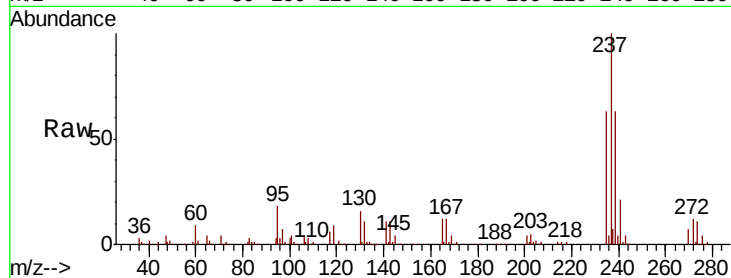
Tgt Ion: 237 Resp: 204630

Ion Ratio Lower Upper

237 100

235 62.9 42.5 82.5

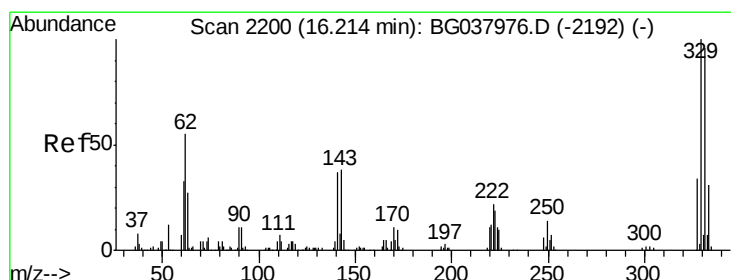
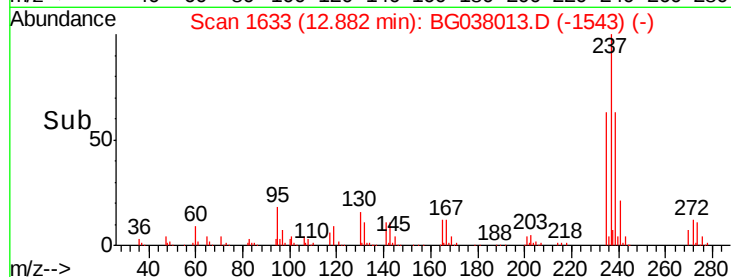
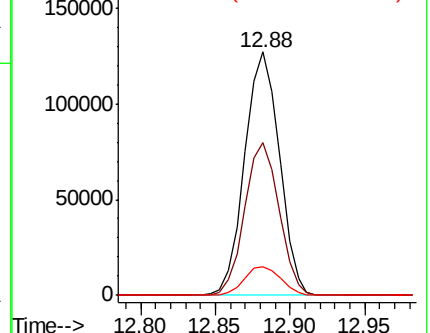
272 11.8 0.0 31.6



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: 132.682 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

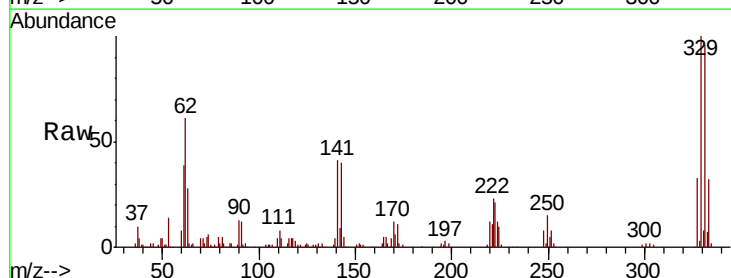
Tgt Ion: 330 Resp: 175883

Ion Ratio Lower Upper

330 100

332 97.4 78.4 117.6

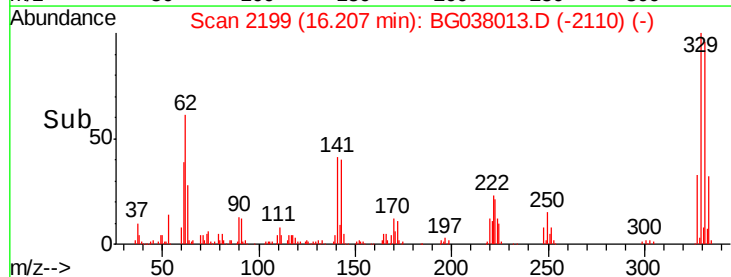
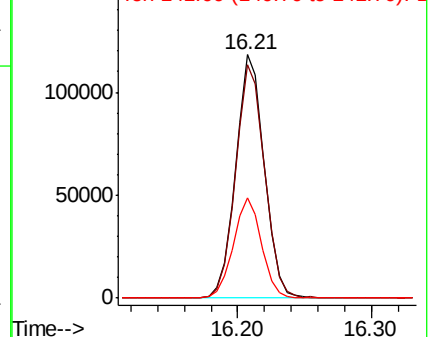
141 40.7 32.2 48.2

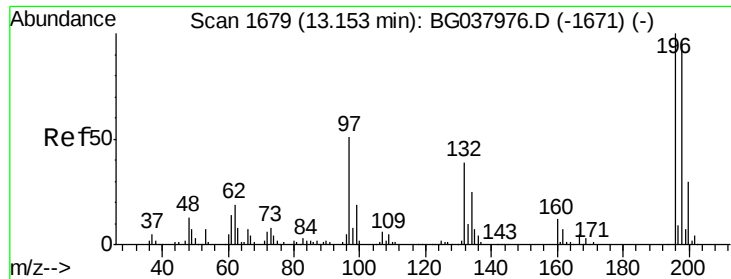


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

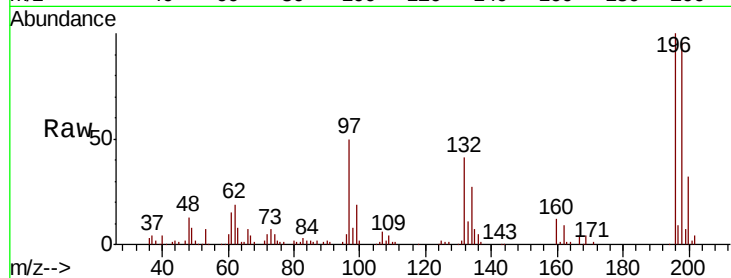




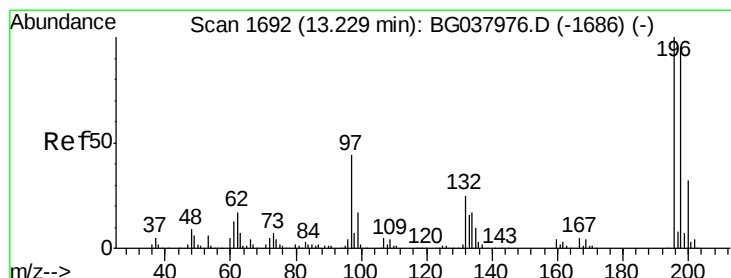
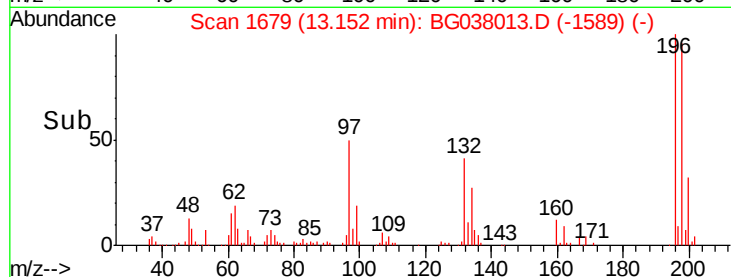
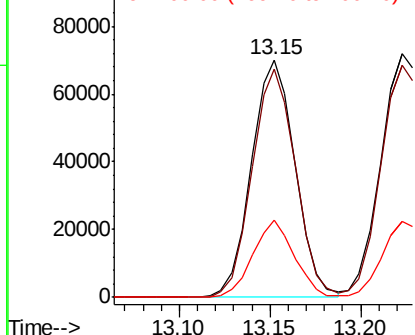
#43
 2,4,6-Trichlorophenol
 Concen: 44.138 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG038013.D
 Acq: 15 Nov 2018 1:32

Instrument :
 BNA_G
 ClientSampleId :
 PB114826BS

Tgt Ion:196 Resp: 116817
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.4 114.6
 200 32.4 24.9 37.3

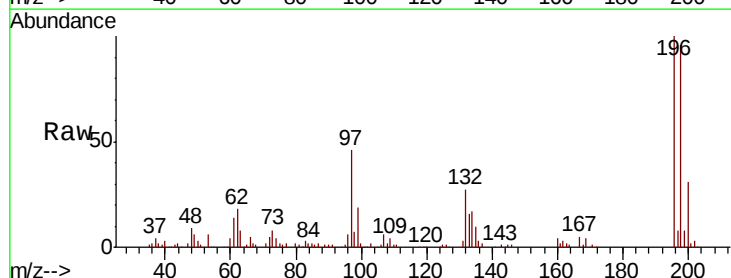


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

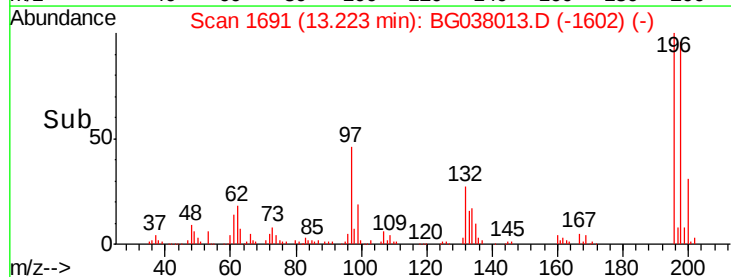
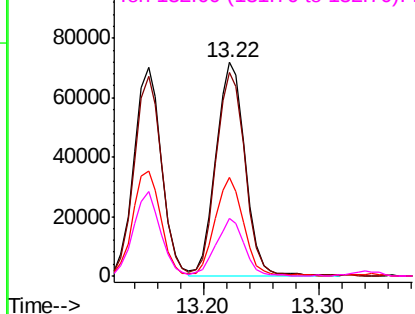


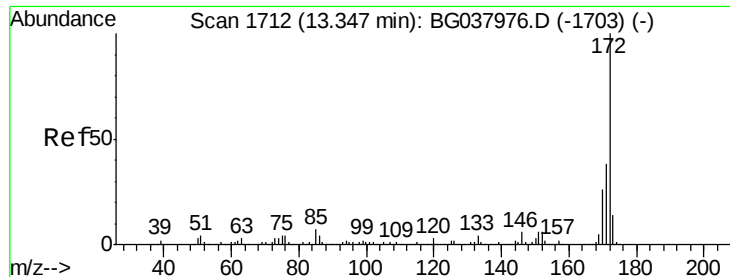
#44
 2,4,5-Trichlorophenol
 Concen: 44.948 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG038013.D
 Acq: 15 Nov 2018 1:32

Tgt Ion:196 Resp: 125170
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.2 111.2
 97 46.3 34.1 51.1
 132 26.7 20.2 30.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

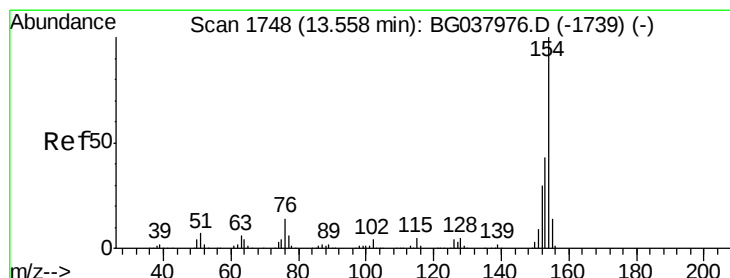
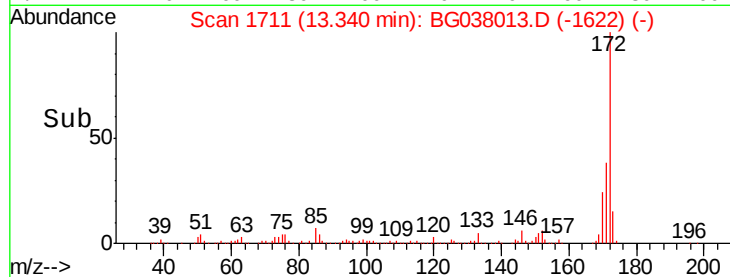
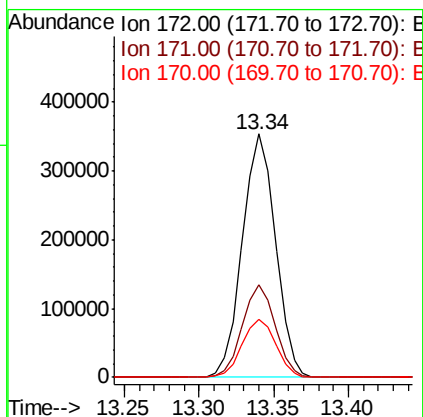
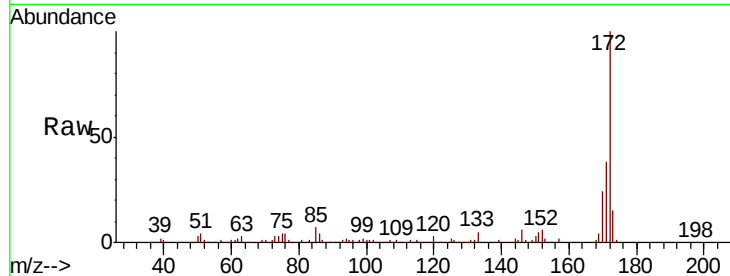




#45
 2-Fluorobiphenyl
 Concen: 68.275 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038013.D
 Acq: 15 Nov 2018 1:32

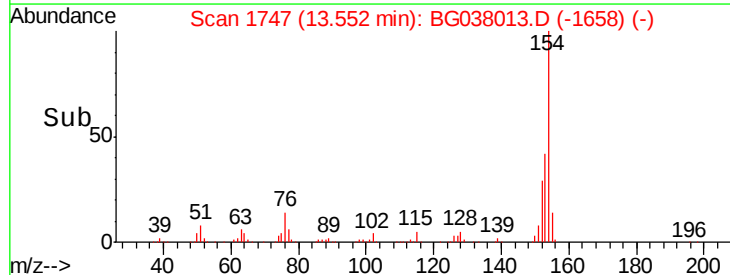
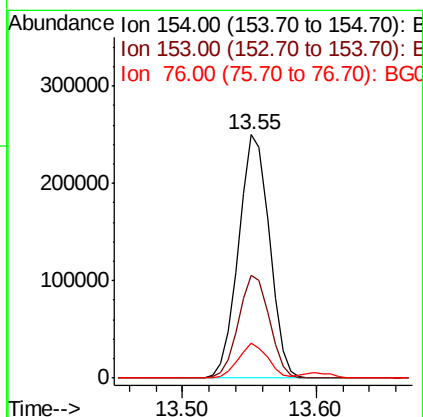
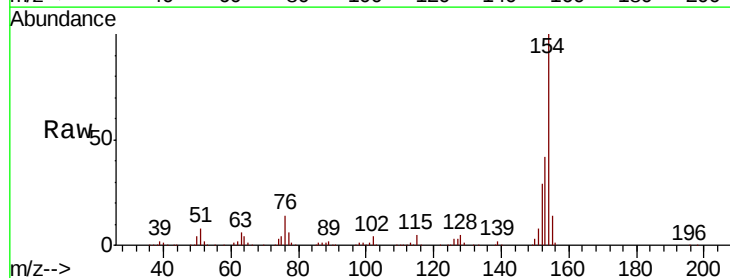
Instrument :
 BNA_G
 ClientSampleId :
 PB114826BS

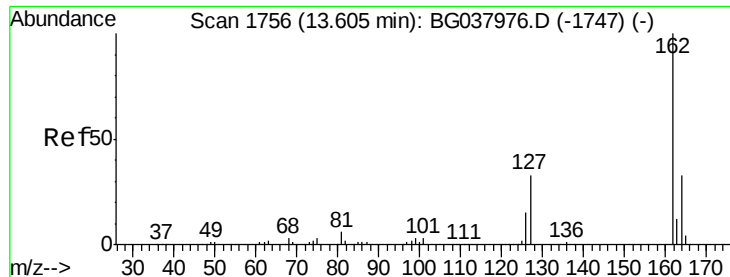
Tgt Ion:172 Resp: 544718
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.0 46.4
 170 23.9 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 40.949 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG038013.D
 Acq: 15 Nov 2018 1:32

Tgt Ion:154 Resp: 399855
 Ion Ratio Lower Upper
 154 100
 153 42.1 22.1 62.1
 76 14.2 0.0 33.2





#47

2-Chloronaphthalene

Concen: 42.760 ng

RT: 13.60 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

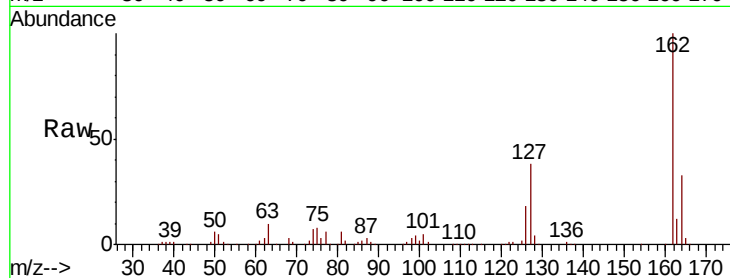
Tgt Ion: 162 Resp: 318621

Ion Ratio Lower Upper

162 100

127 37.8 30.5 45.7

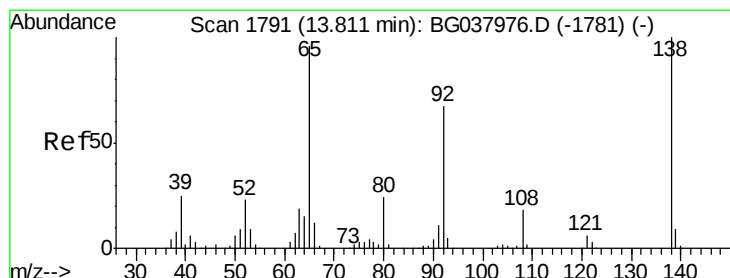
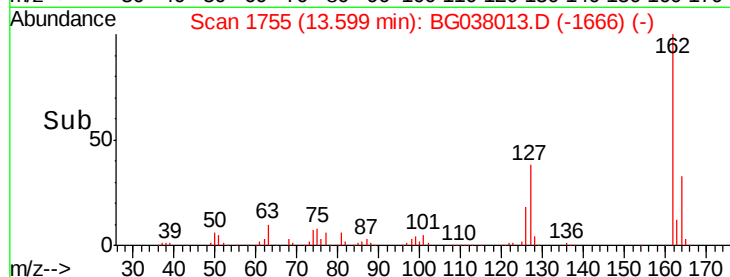
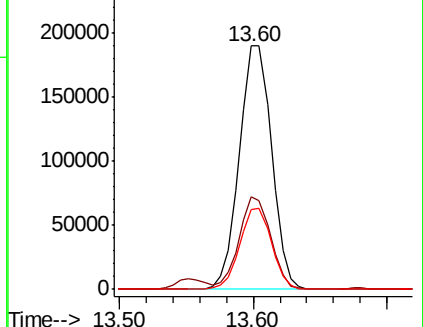
164 32.6 26.4 39.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.995 ng

RT: 13.81 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

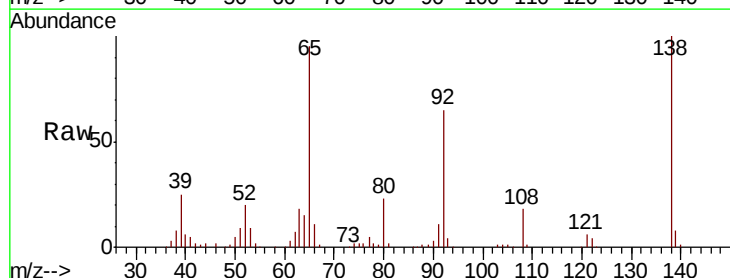
Tgt Ion: 65 Resp: 105519

Ion Ratio Lower Upper

65 100

92 68.8 53.2 79.8

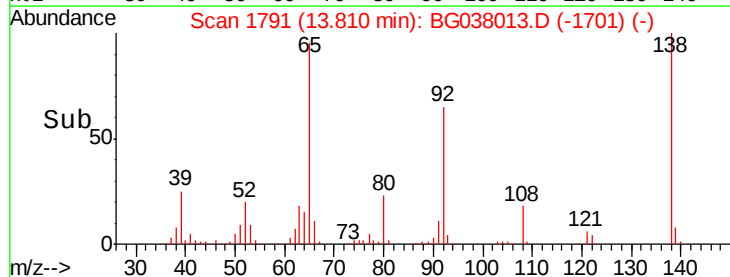
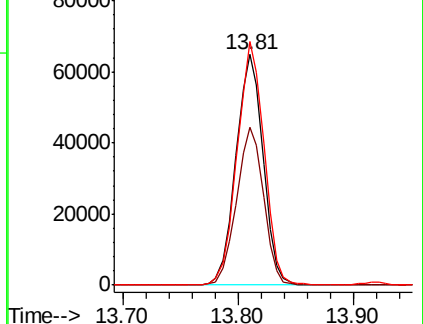
138 105.7 79.3 118.9

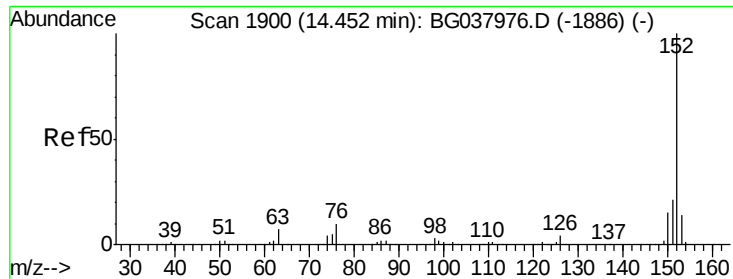


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.791 ng

RT: 14.44 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

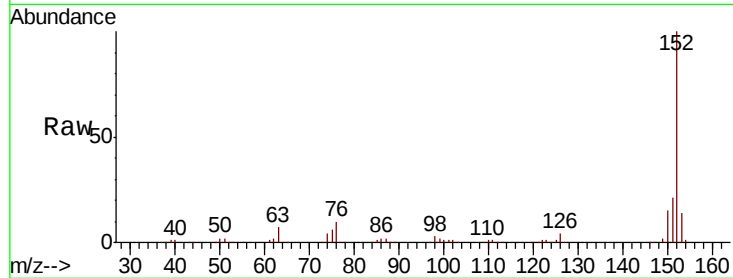
Tgt Ion:152 Resp: 524308

Ion Ratio Lower Upper

152 100

151 20.9 17.1 25.7

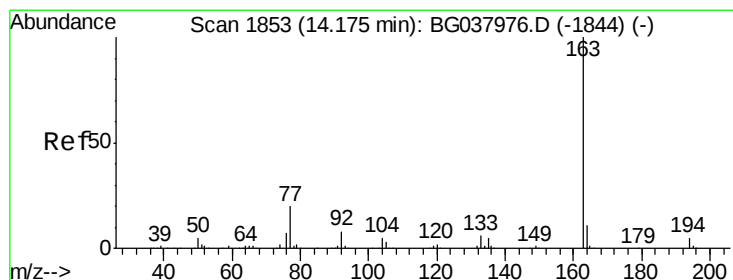
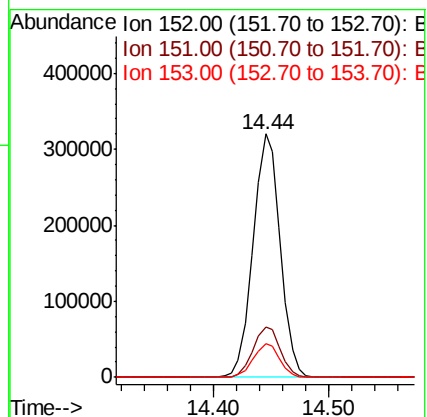
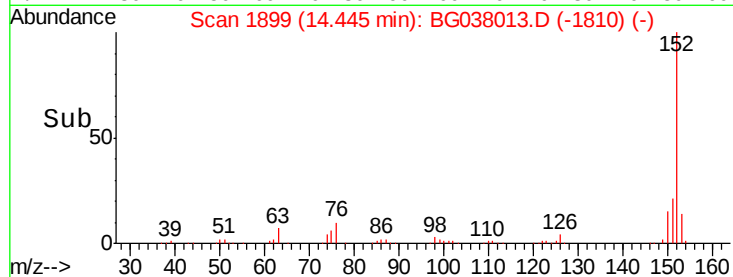
153 13.8 11.1 16.7



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: 44.105 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

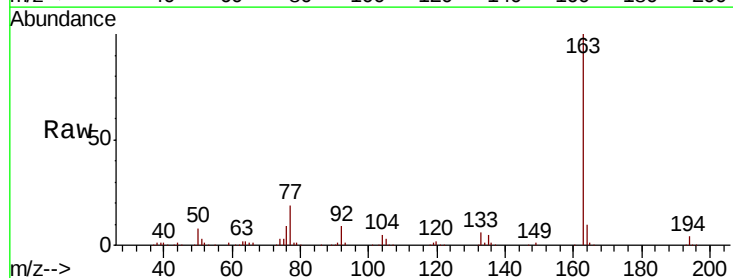
Tgt Ion:163 Resp: 406406

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

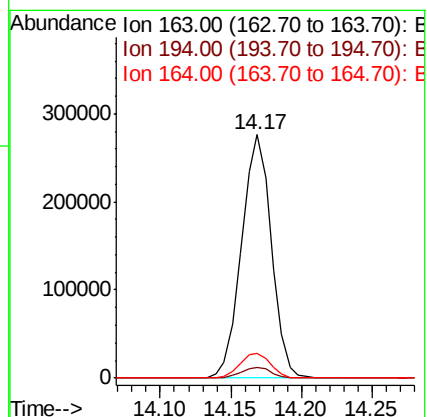
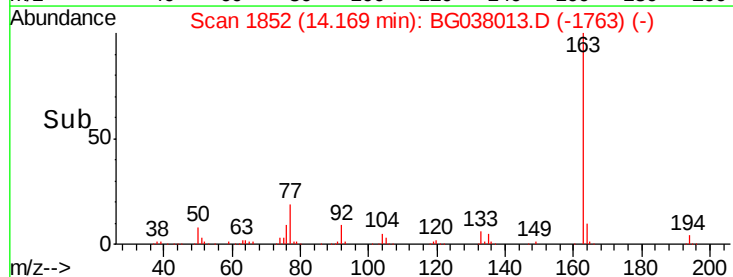
164 10.4 8.5 12.7

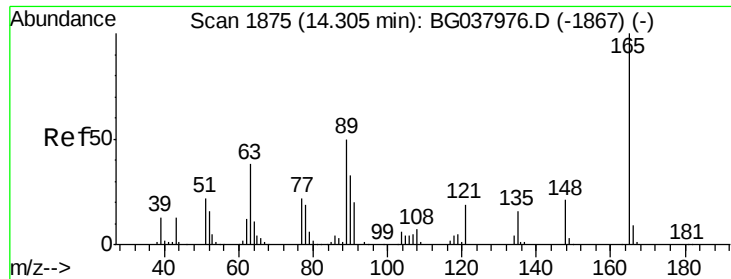


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

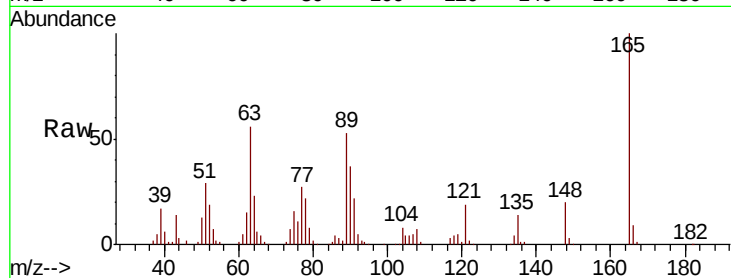




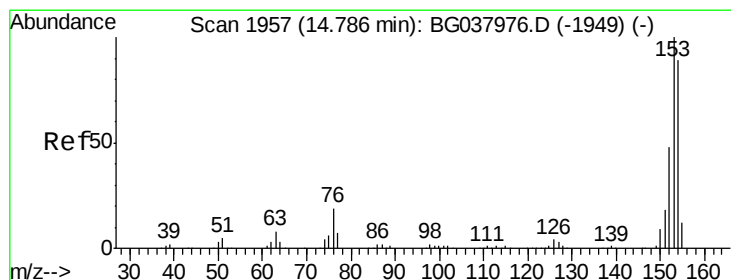
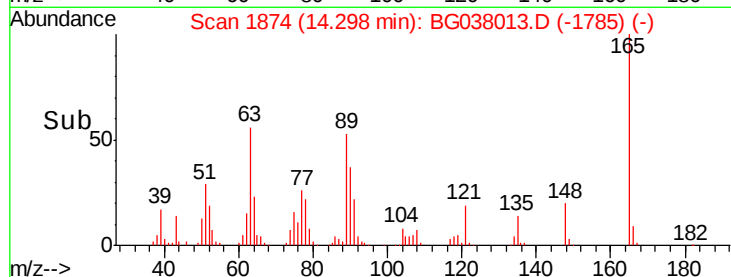
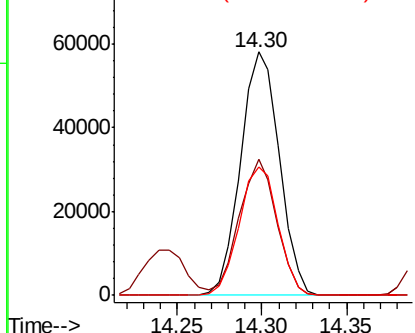
#51
 2,6-Dinitrotoluene
 Concen: 44.558 ng
 RT: 14.30 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG038013.D
 Acq: 15 Nov 2018 1:32

Instrument :
 BNA_G
 ClientSampleId :
 PB114826BS

Tgt Ion:165 Resp: 92926
 Ion Ratio Lower Upper
 165 100
 63 56.0 43.4 65.2
 89 52.5 45.8 68.6

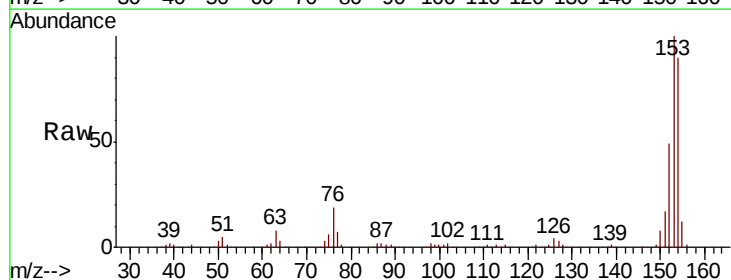


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

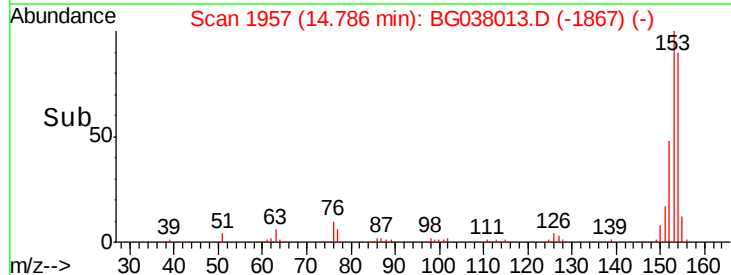
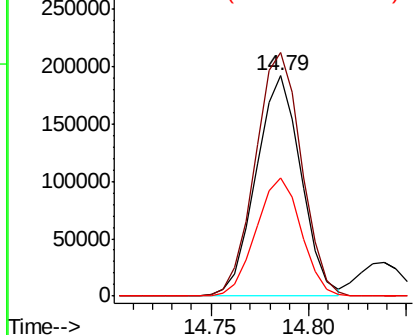


#52
 Acenaphthene
 Concen: 45.372 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BG038013.D
 Acq: 15 Nov 2018 1:32

Tgt Ion:154 Resp: 306069
 Ion Ratio Lower Upper
 154 100
 153 110.7 93.4 140.0
 152 53.9 44.7 67.1



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

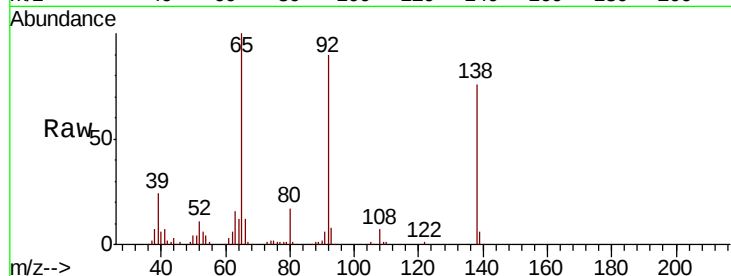




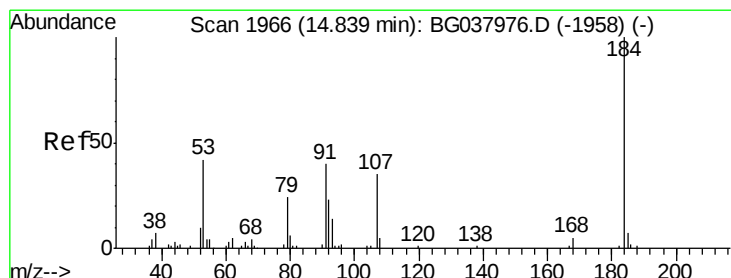
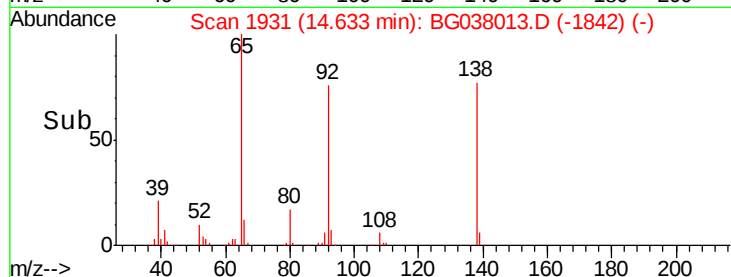
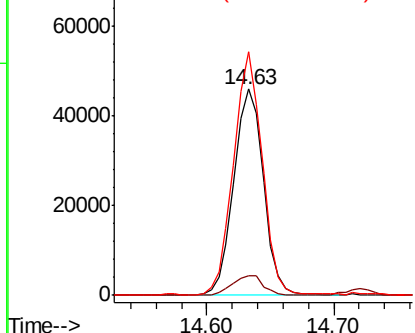
#53
3-Nitroaniline
Concen: 32.368 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG038013.D
Acq: 15 Nov 2018 1:32

Instrument :
BNA_G
ClientSampleId :
PB114826BS

Tgt Ion:138 Resp: 74487
Ion Ratio Lower Upper
138 100
108 9.5 11.0 16.6#
92 118.0 95.2 142.8

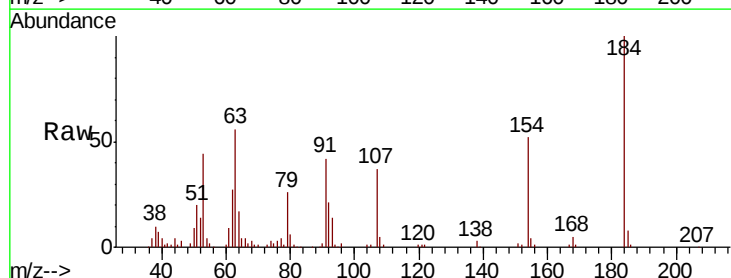


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

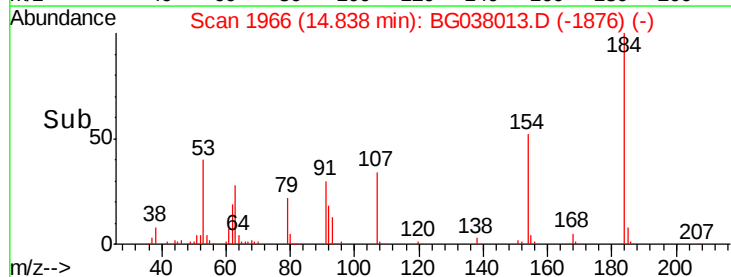
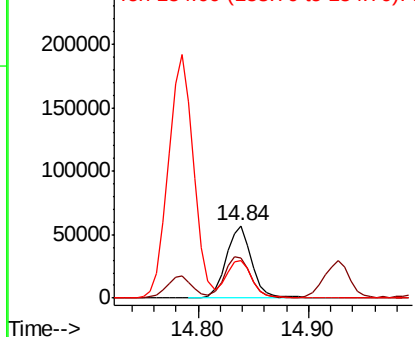


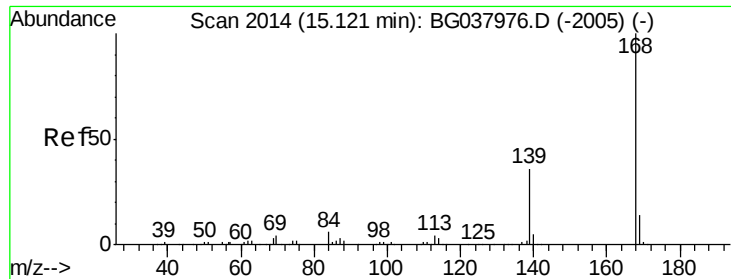
#54
2,4-Dinitrophenol
Concen: 81.972 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG038013.D
Acq: 15 Nov 2018 1:32

Tgt Ion:184 Resp: 92556
Ion Ratio Lower Upper
184 100
63 55.9 42.6 63.8
154 51.6 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

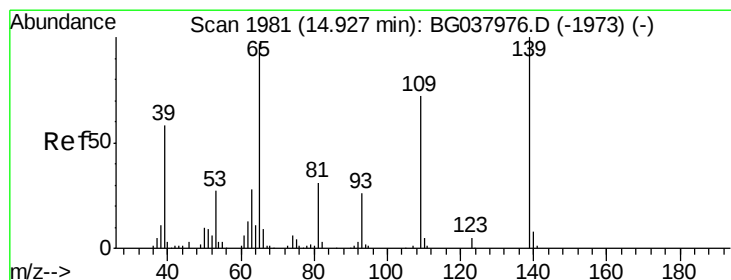
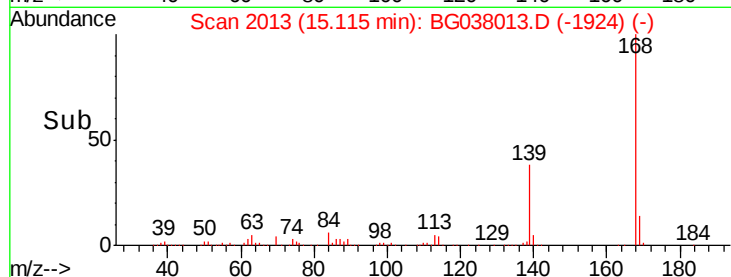
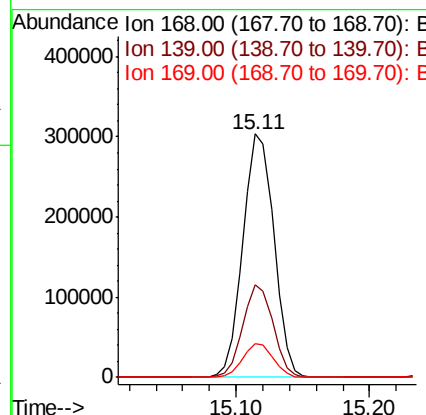
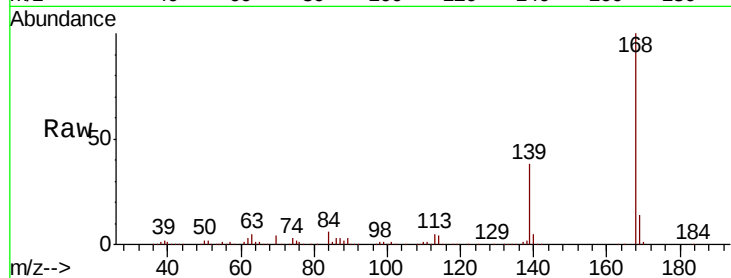




#55
Dibenzofuran
Concen: 43.664 ng
RT: 15.11 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG038013.D
Acq: 15 Nov 2018 1:32

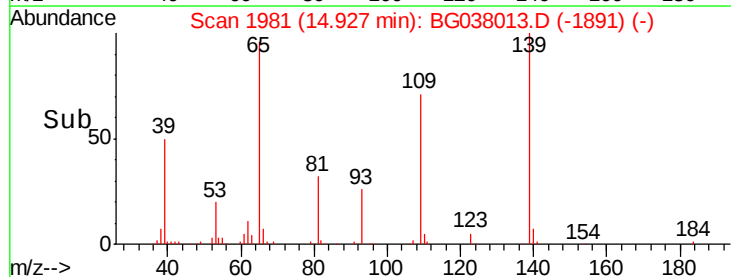
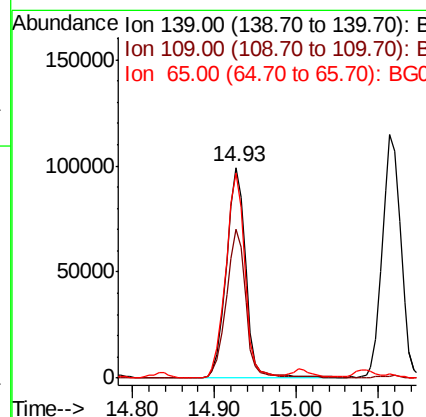
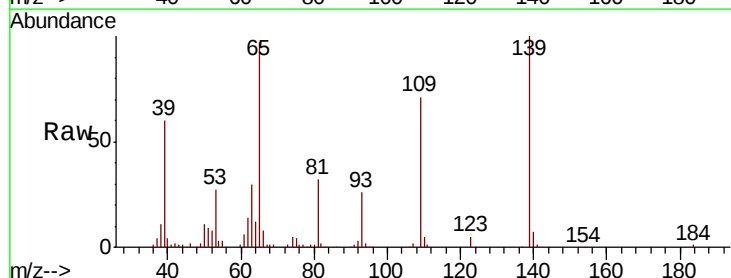
Instrument :
BNA_G
ClientSampleId :
PB114826BS

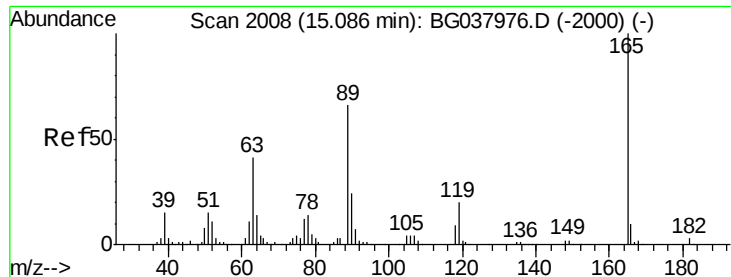
Tgt Ion:168 Resp: 487048
Ion Ratio Lower Upper
168 100
139 37.8 29.4 44.0
169 13.7 11.0 16.6



#56
4-Nitrophenol
Concen: 92.560 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG038013.D
Acq: 15 Nov 2018 1:32

Tgt Ion:139 Resp: 164282
Ion Ratio Lower Upper
139 100
109 70.7 49.5 89.5
65 97.3 76.8 116.8

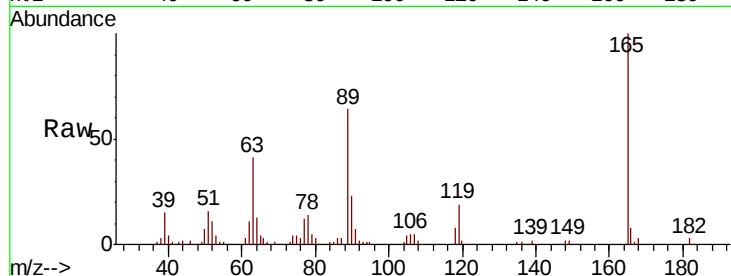




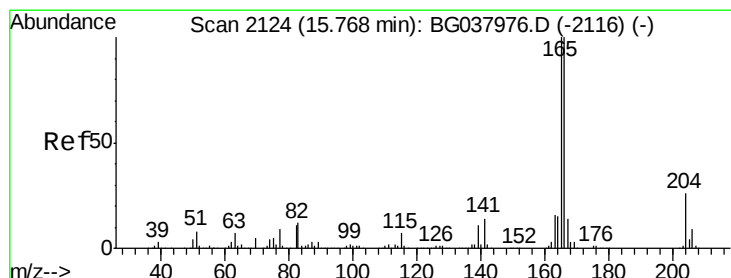
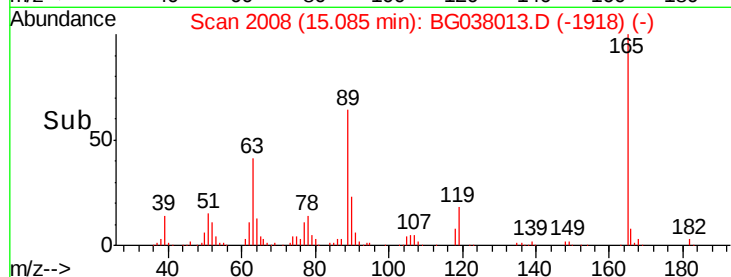
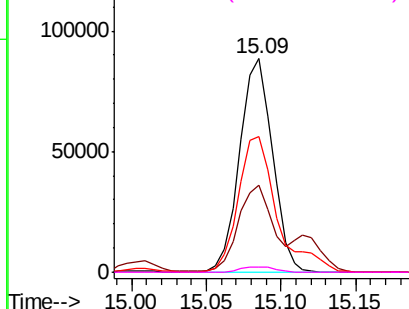
#57
2,4-Dinitrotoluene
Concen: 47.545 ng
RT: 15.09 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG038013.D
Acq: 15 Nov 2018 1:32

Instrument :
BNA_G
ClientSampleId :
PB114826BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.6	33.4	50.0
89	63.7	57.2	85.8
182	2.6	2.6	4.0#

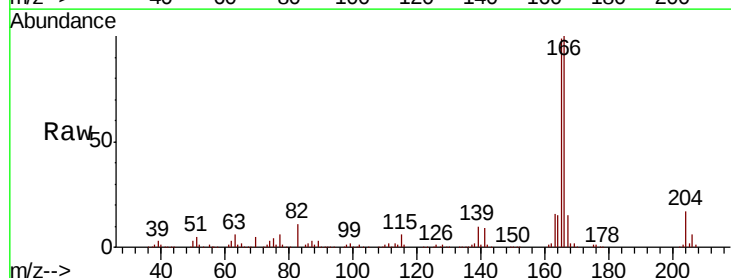


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

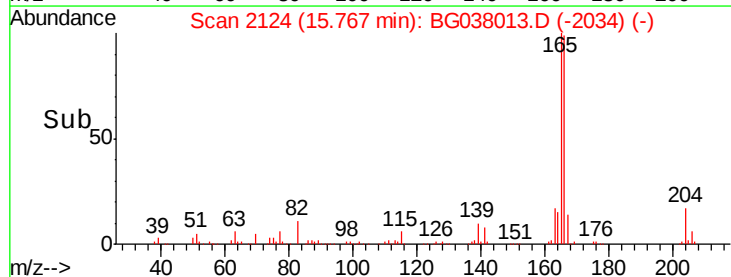
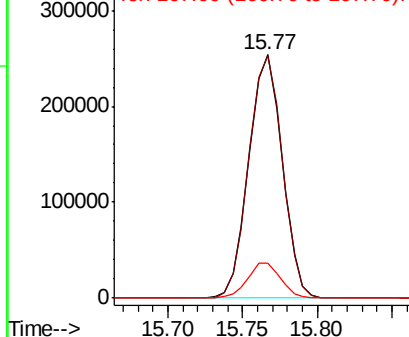


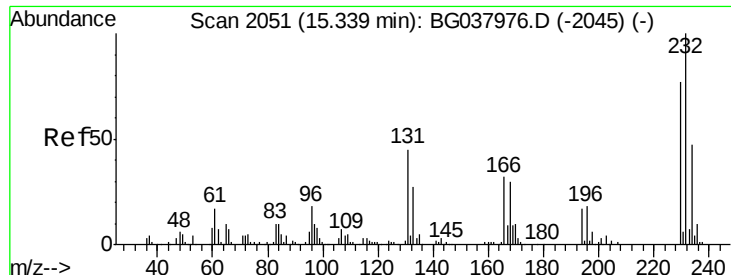
#58
Fluorene
Concen: 47.176 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BG038013.D
Acq: 15 Nov 2018 1:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.0	118.6
167	14.5	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

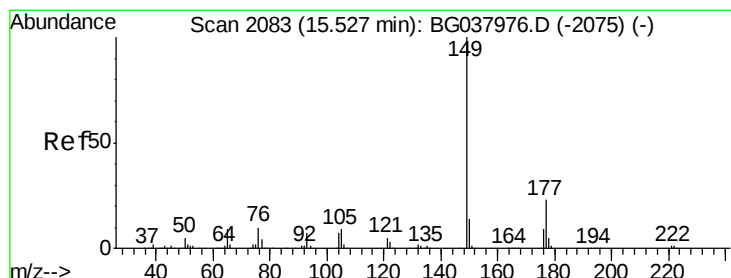
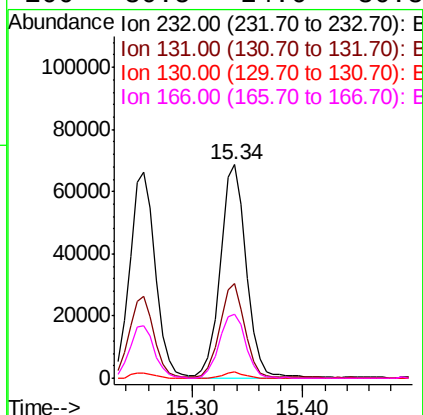
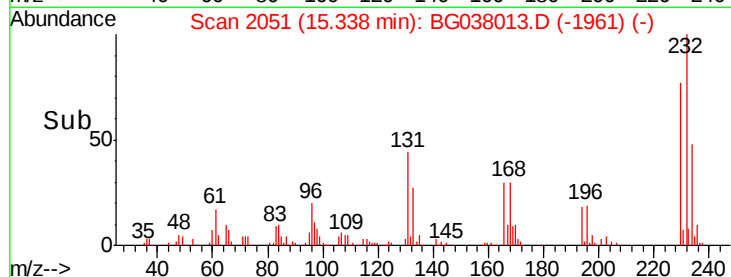
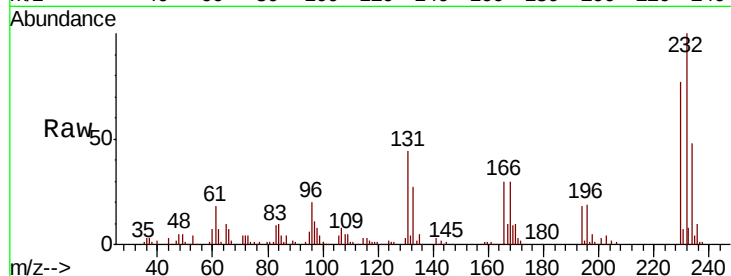




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.859 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG038013.D
Acq: 15 Nov 2018 1:32

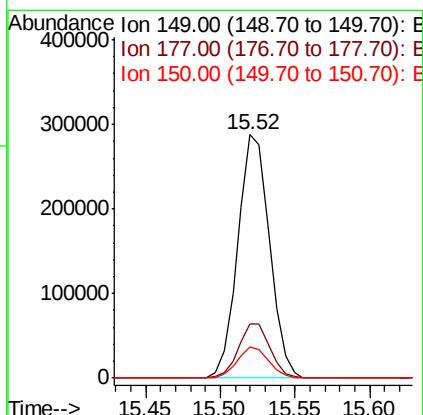
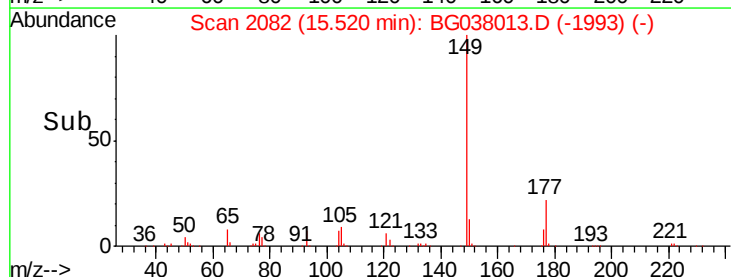
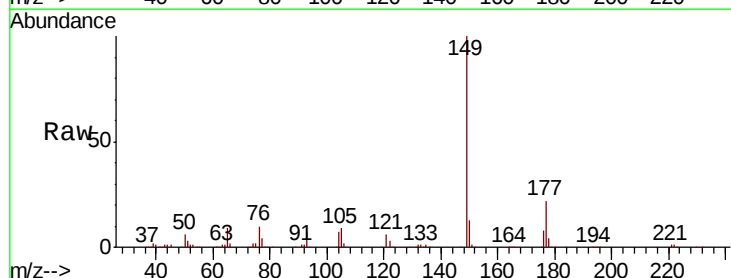
Instrument :
BNA_G
ClientSampled :
PB114826BS

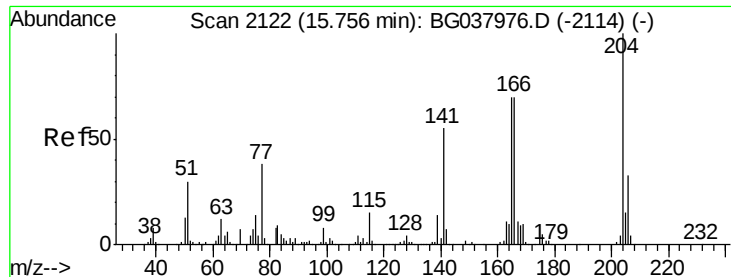
Tgt Ion:232 Resp: 113853
Ion Ratio Lower Upper
232 100
131 41.8 33.7 50.5
130 2.3 2.1 3.1
166 30.5 24.6 36.8



#60
Diethylphthalate
Concen: 43.400 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG038013.D
Acq: 15 Nov 2018 1:32

Tgt Ion:149 Resp: 424763
Ion Ratio Lower Upper
149 100
177 22.0 18.3 27.5
150 12.6 10.0 15.0

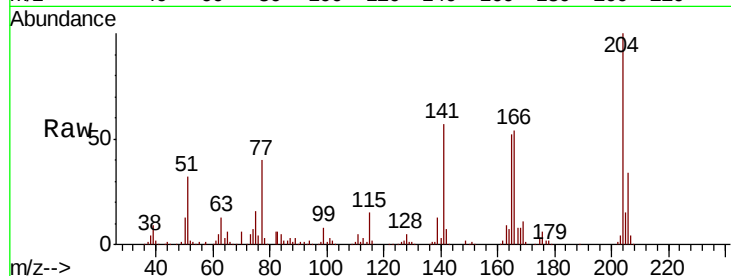




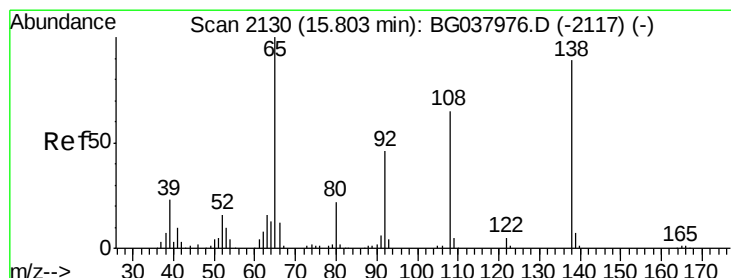
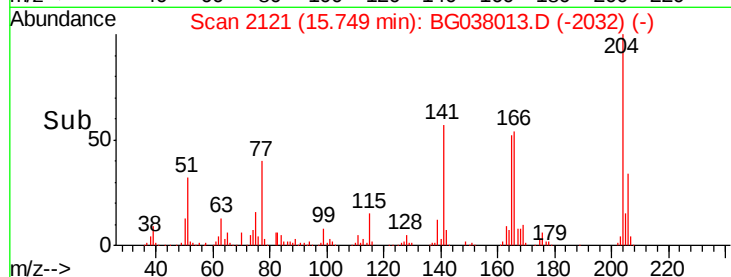
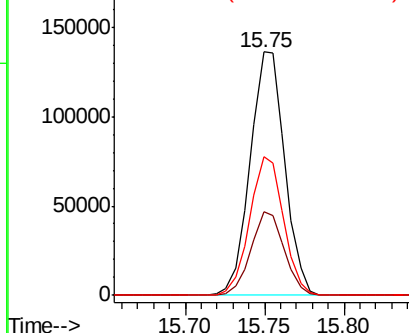
#61
4-Chlorophenyl-phenylether
Concen: 42.392 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038013.D
Acq: 15 Nov 2018 1:32

Instrument :
BNA_G
ClientSampleId :
PB114826BS

Tgt Ion: 204 Resp: 206441
Ion Ratio Lower Upper
204 100
206 34.1 26.6 39.8
141 57.2 45.4 68.2

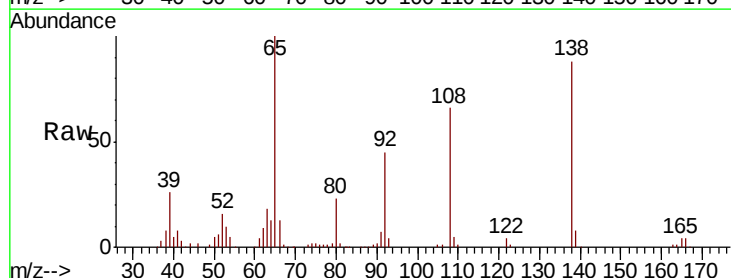


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

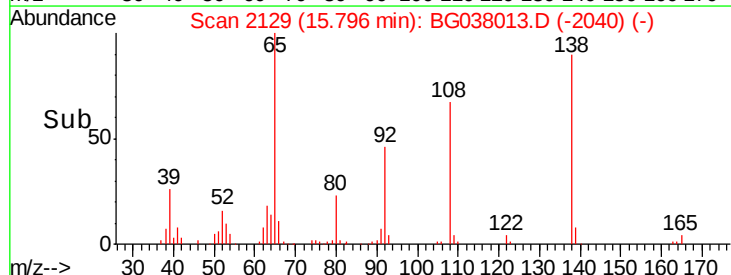
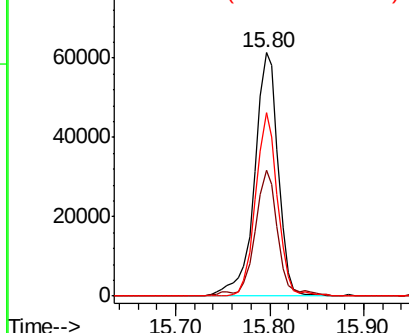


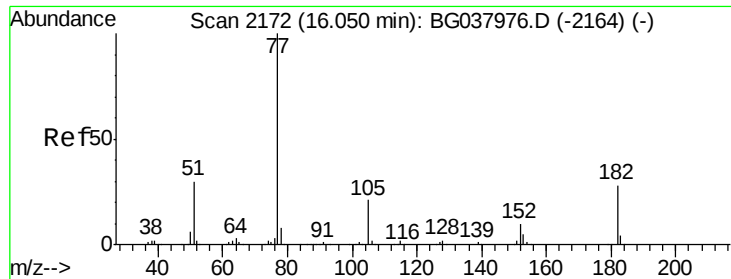
#62
4-Nitroaniline
Concen: 46.655 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG038013.D
Acq: 15 Nov 2018 1:32

Tgt Ion: 138 Resp: 106658
Ion Ratio Lower Upper
138 100
92 51.7 36.4 76.4
108 75.6 60.1 100.1



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





#63

Azobenzene

Concen: 43.888 ng

RT: 16.05 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

Tgt Ion: 77 Resp: 384058

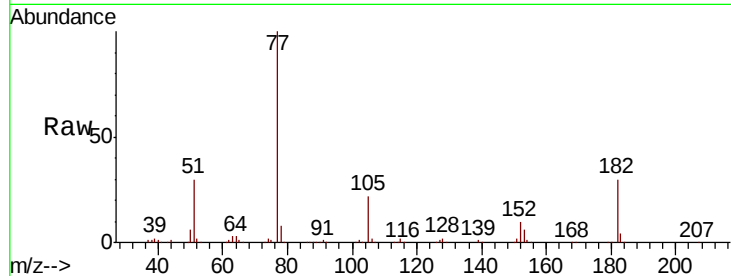
Ion Ratio Lower Upper

77 100

182 30.0 8.0 48.0

105 21.8 1.3 41.3

51 30.4 10.7 50.7

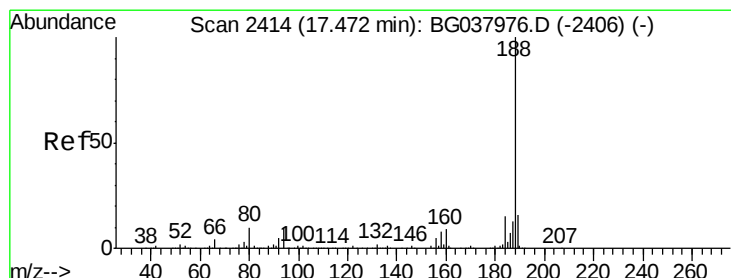
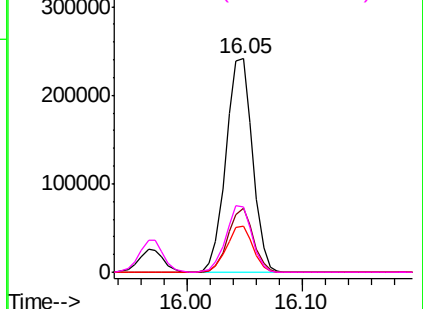
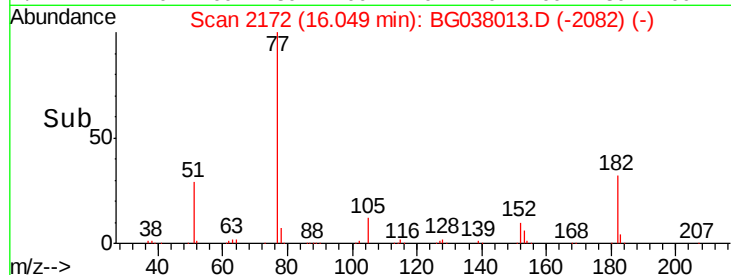


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

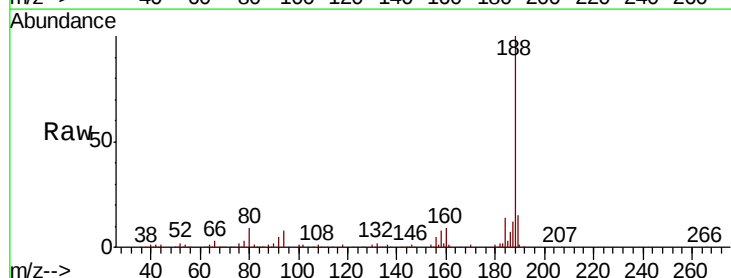
Tgt Ion: 188 Resp: 277681

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

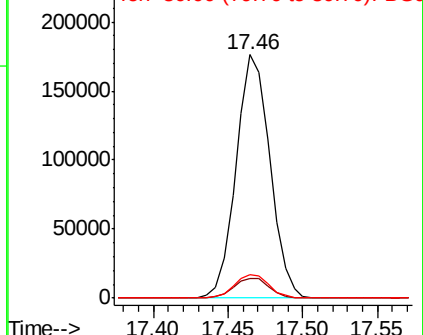
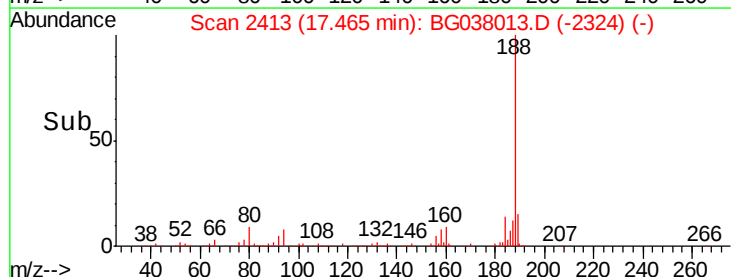
80 9.4 7.7 11.5

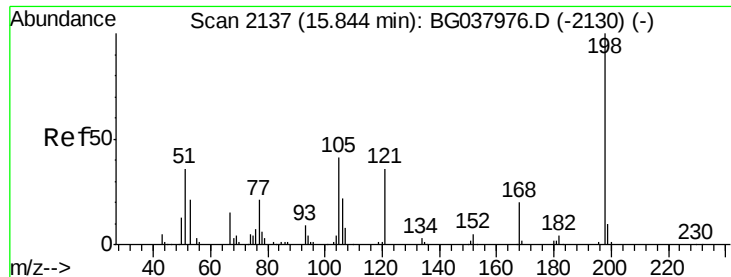


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 40.775 ng

RT: 15.84 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

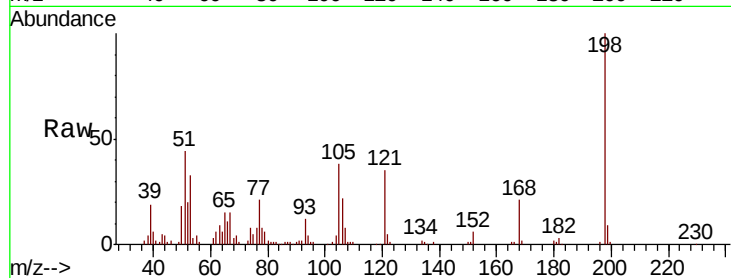
Tgt Ion:198 Resp: 71615

Ion Ratio Lower Upper

198 100

51 44.3 22.7 62.7

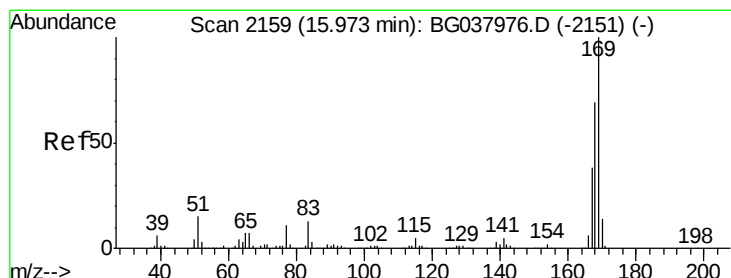
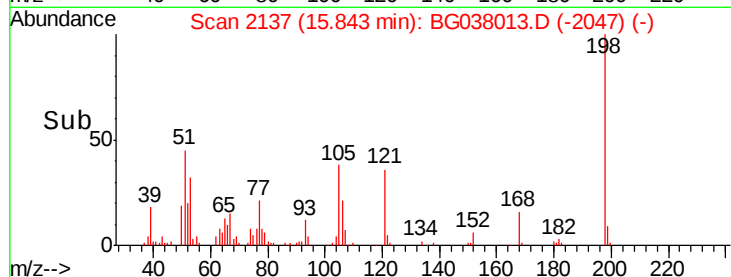
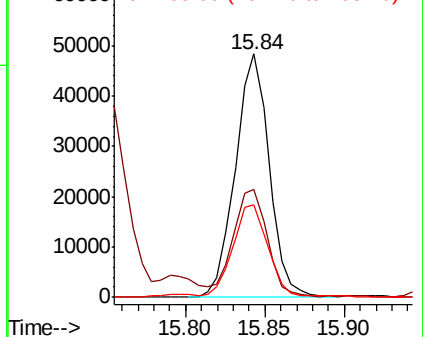
105 38.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG038013.D (-2047) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.727 ng

RT: 15.97 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

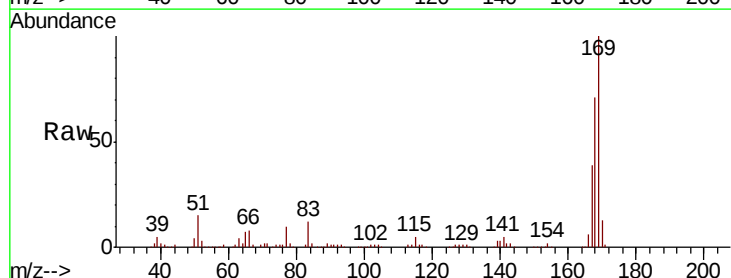
Tgt Ion:169 Resp: 358932

Ion Ratio Lower Upper

169 100

168 71.0 55.7 83.5

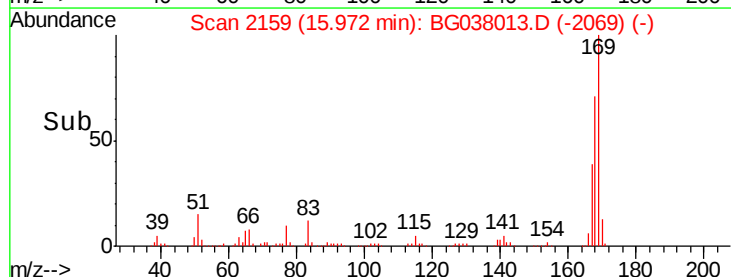
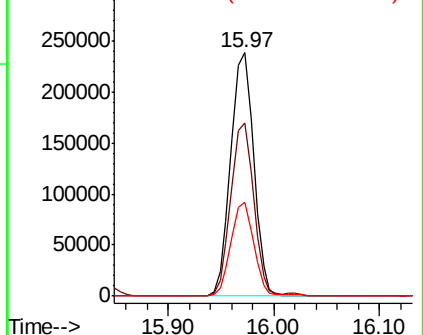
167 38.7 31.3 46.9

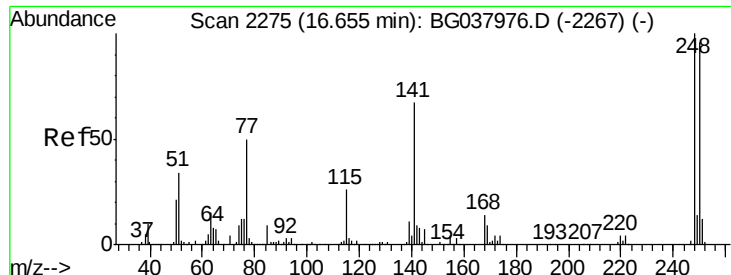


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

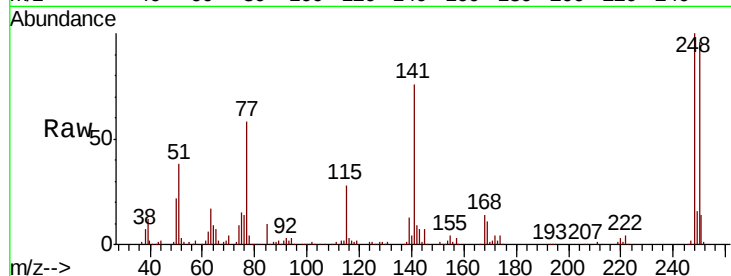




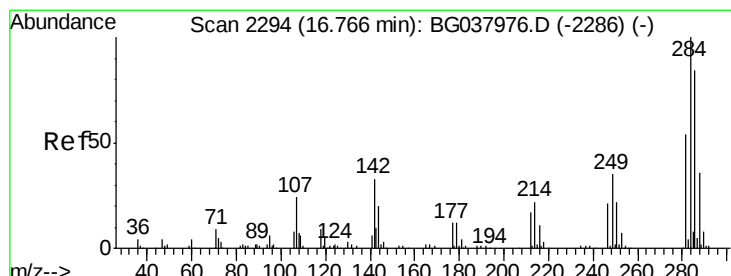
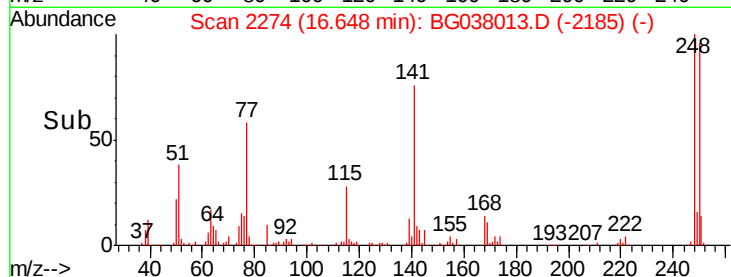
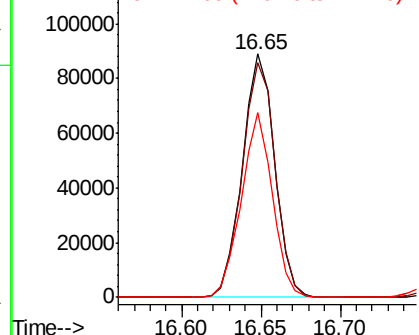
#67
 4-Bromophenyl-phenylether
 Concen: 41.267 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BG038013.D
 Acq: 15 Nov 2018 1:32

Instrument :
 BNA_G
 ClientSampleId :
 PB114826BS

Tgt Ion: 248 Resp: 125774
 Ion Ratio Lower Upper
 248 100
 250 96.2 77.0 115.6
 141 76.0 55.5 83.3

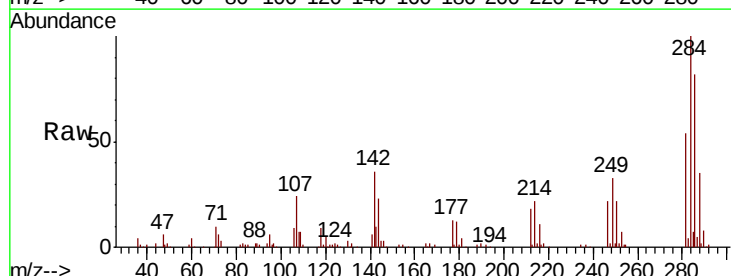


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

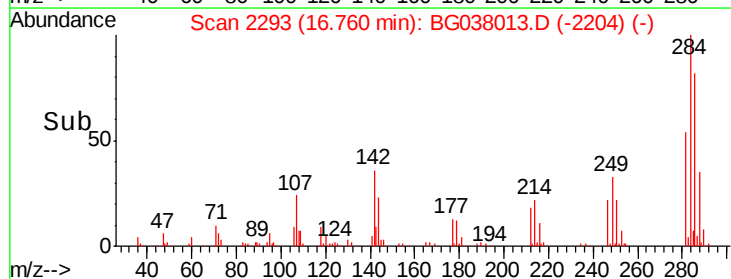
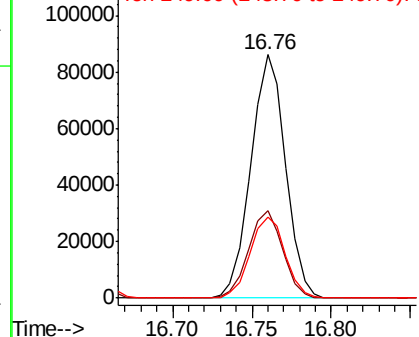


#68
 Hexachlorobenzene
 Concen: 41.551 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG038013.D
 Acq: 15 Nov 2018 1:32

Tgt Ion: 284 Resp: 130715
 Ion Ratio Lower Upper
 284 100
 142 36.1 28.1 42.1
 249 35.2 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: 44.128 ng

RT: 16.91 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampled :

PB114826BS

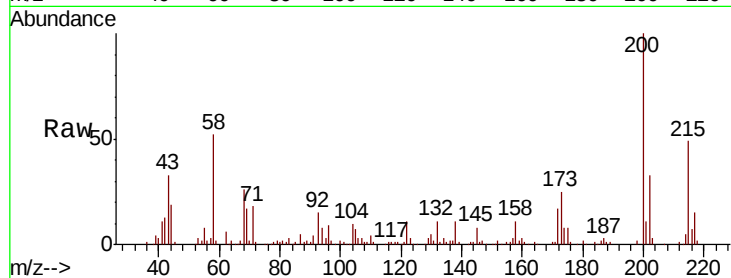
Tgt Ion:200 Resp: 136654

Ion Ratio Lower Upper

200 100

173 25.4 6.1 46.1

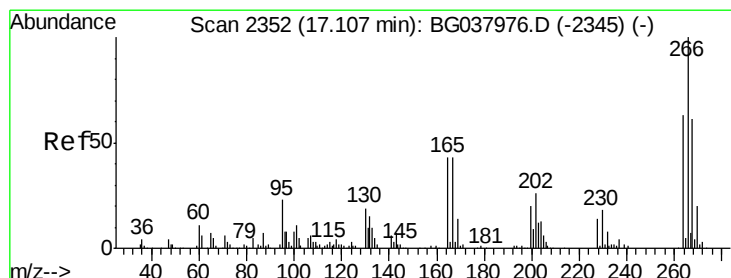
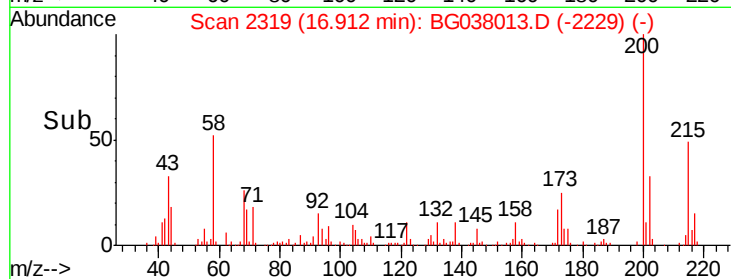
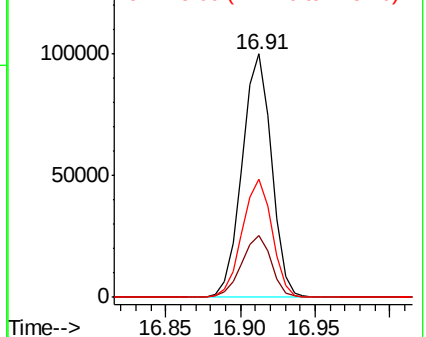
215 48.6 30.8 70.8



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: 76.084 ng

RT: 17.11 min Scan# 2352

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

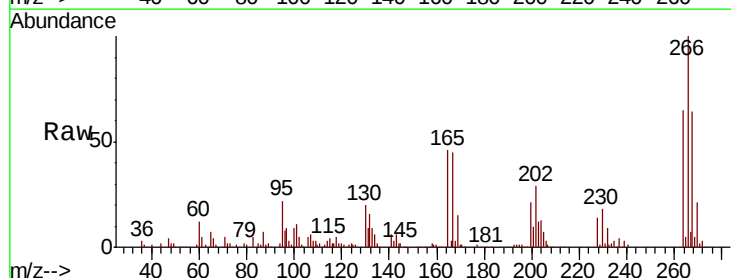
Tgt Ion:266 Resp: 162562

Ion Ratio Lower Upper

266 100

268 69.2 55.0 82.6

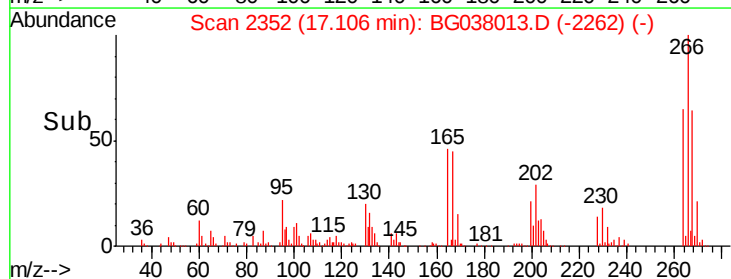
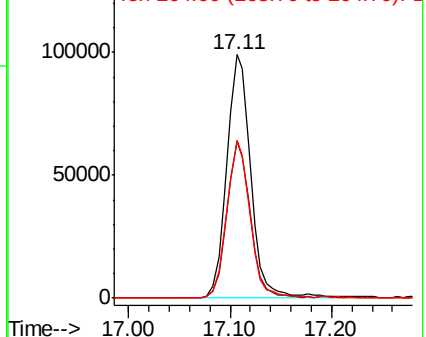
264 69.7 58.9 88.3

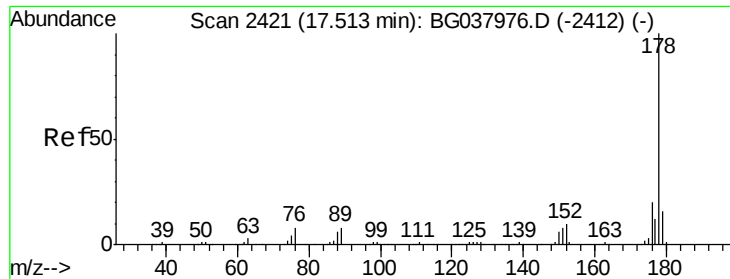


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

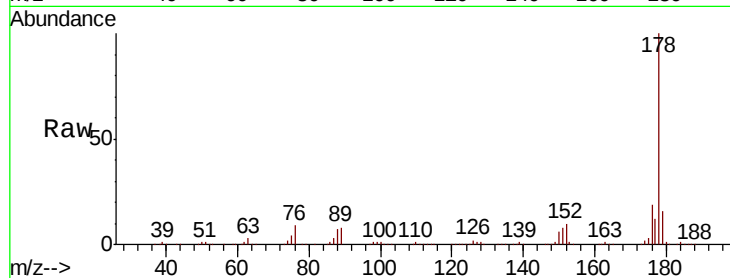




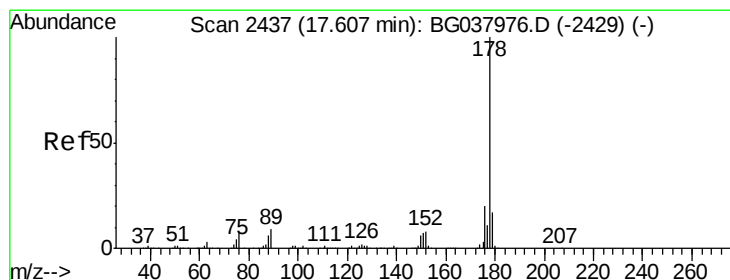
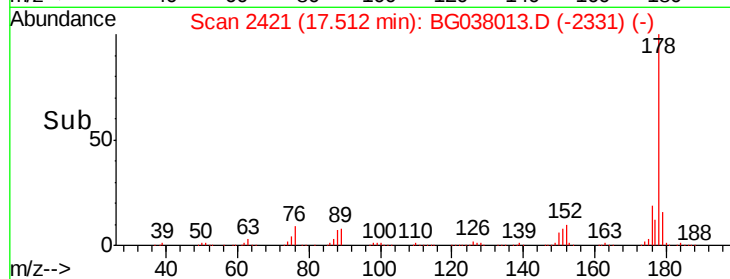
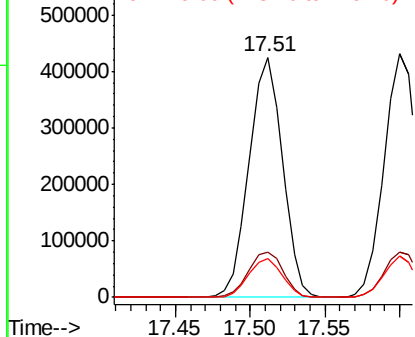
#71
Phenanthrene
Concen: 46.369 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG038013.D
Acq: 15 Nov 2018 1:32

Instrument :
BNA_G
ClientSampleId :
PB114826BS

Tgt Ion:178 Resp: 659216
Ion Ratio Lower Upper
178 100
176 18.9 16.1 24.1
179 16.1 13.0 19.4

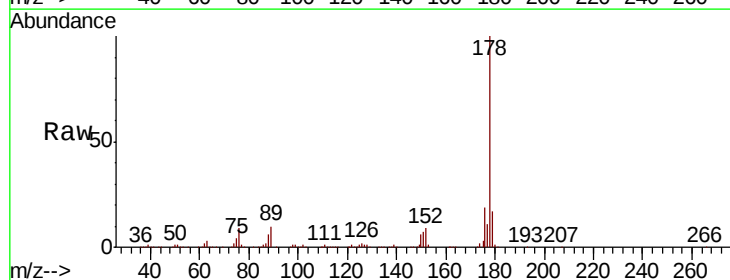


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

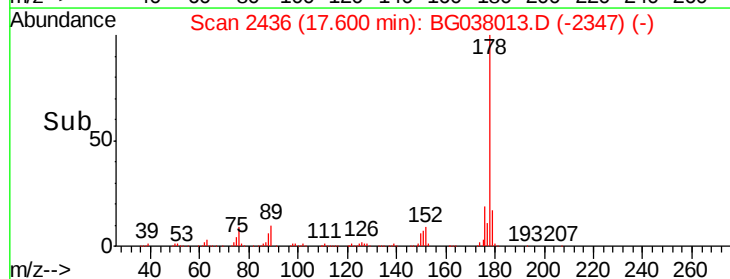
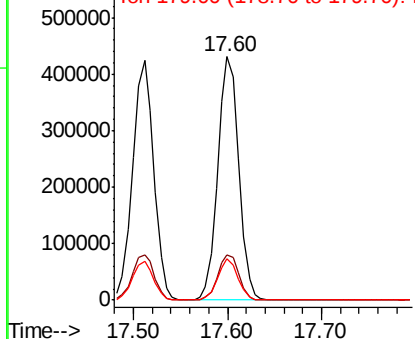


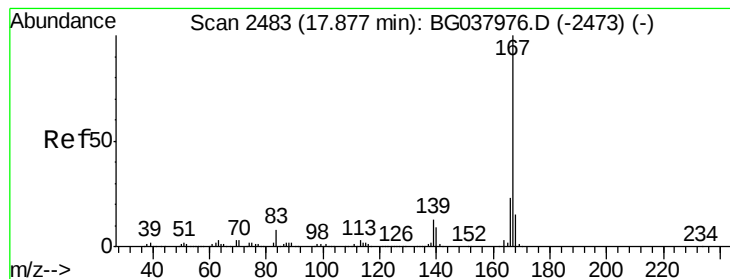
#72
Anthracene
Concen: 47.752 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG038013.D
Acq: 15 Nov 2018 1:32

Tgt Ion:178 Resp: 669194
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 16.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.105 ng

RT: 17.88 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

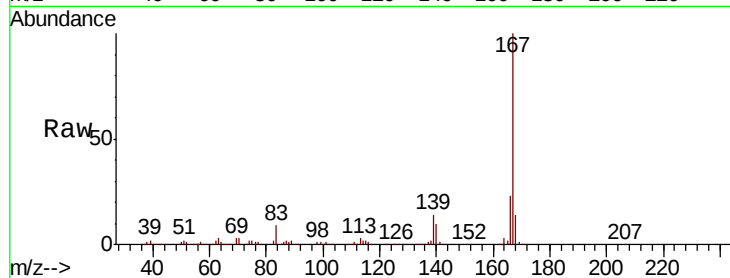
Tgt Ion:167 Resp: 620132

Ion Ratio Lower Upper

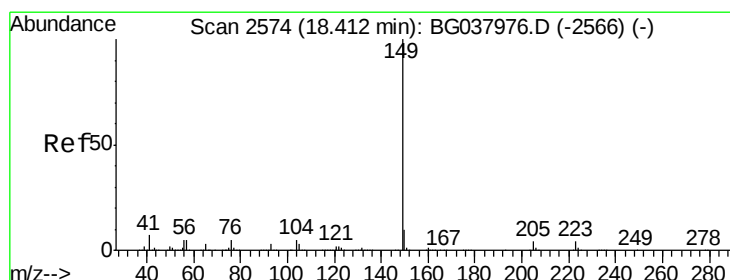
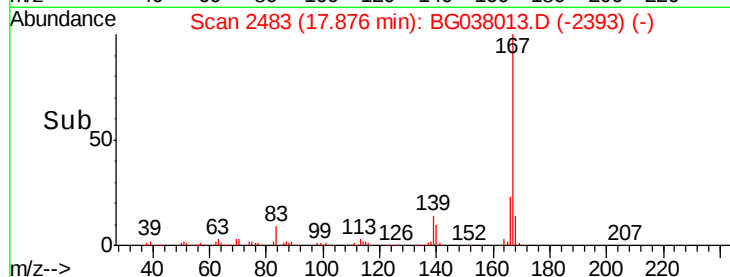
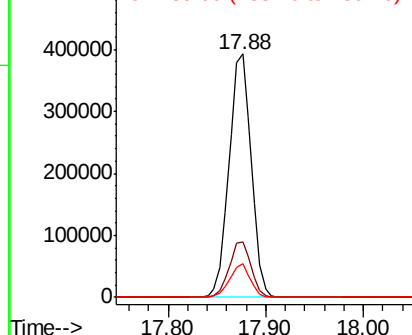
167 100

166 23.0 18.3 27.5

139 13.6 10.5 15.7



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



#74

Di-n-butylphthalate

Concen: 46.598 ng

RT: 18.40 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

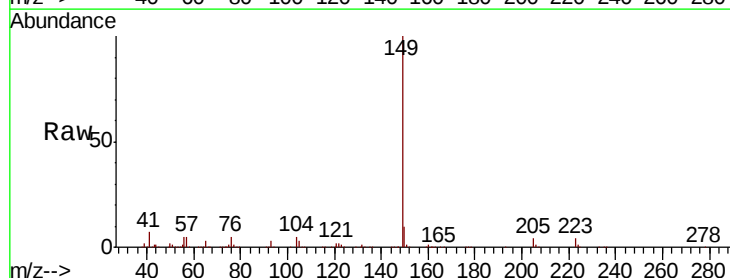
Tgt Ion:149 Resp: 735461

Ion Ratio Lower Upper

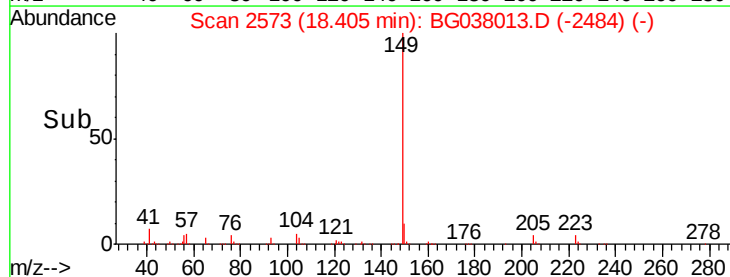
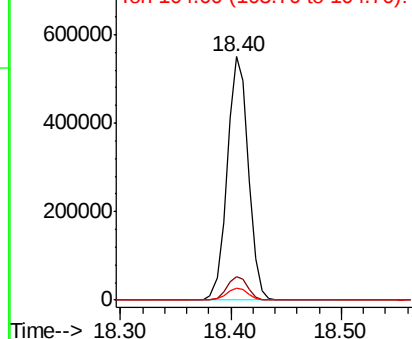
149 100

150 9.6 8.2 12.2

104 5.1 4.0 6.0



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





#75

Fluoranthene

Concen: 48.208 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

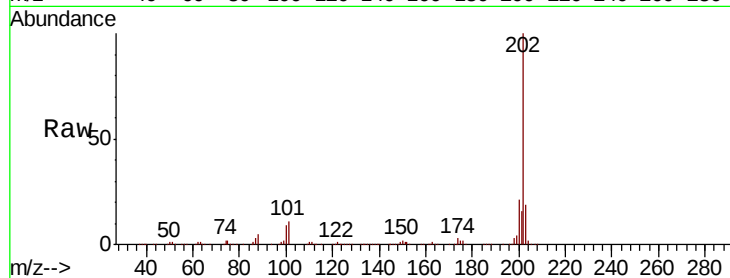
Tgt Ion:202 Resp: 781954

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.7

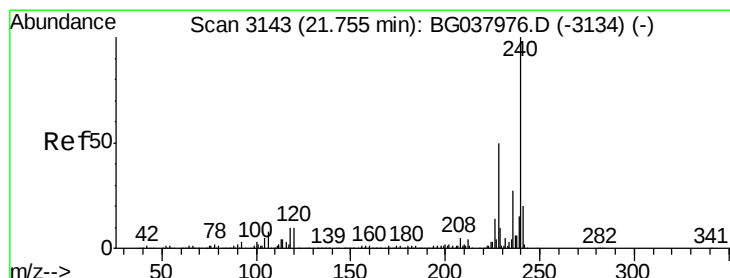
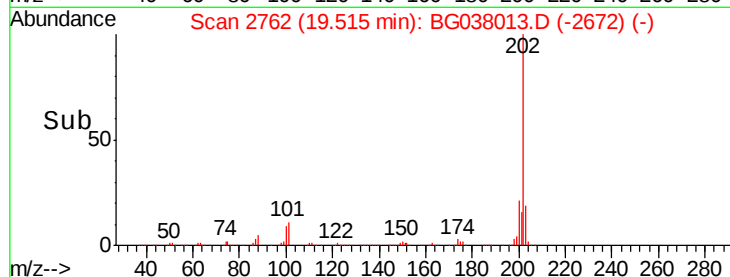
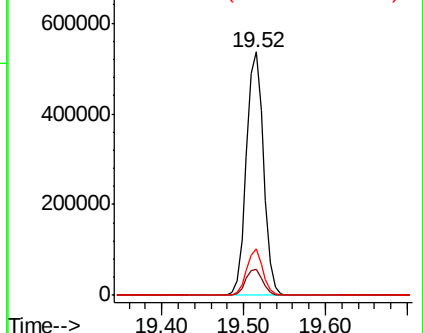
203 19.0 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

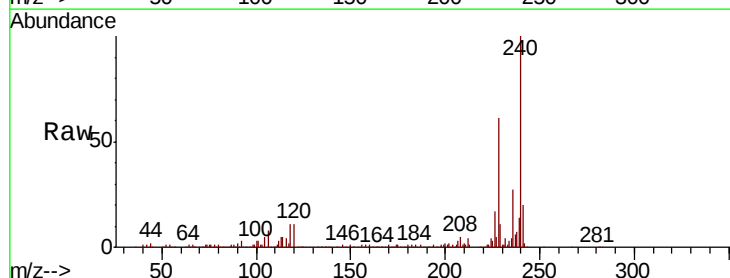
Tgt Ion:240 Resp: 258625

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

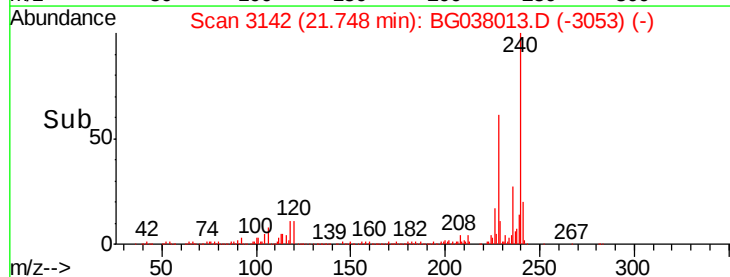
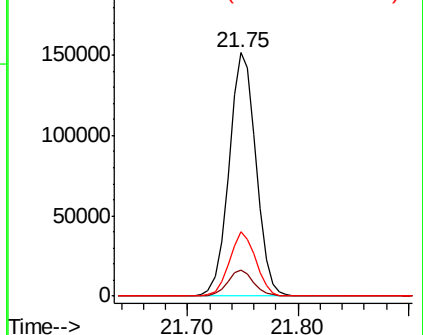
236 26.6 21.4 32.0

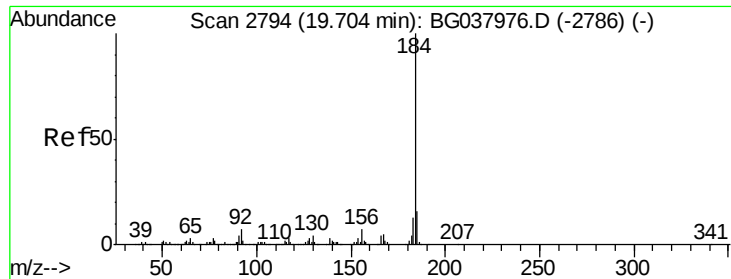


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.407 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

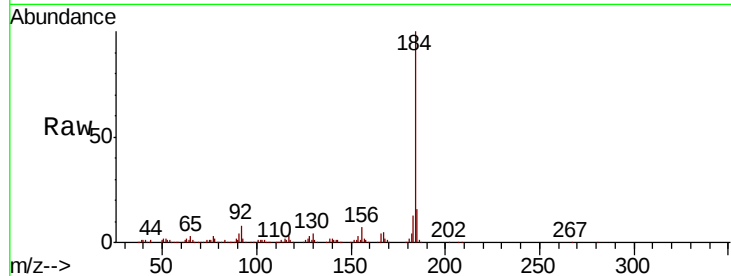
Tgt Ion:184 Resp: 402994

Ion Ratio Lower Upper

184 100

185 16.1 12.6 18.8

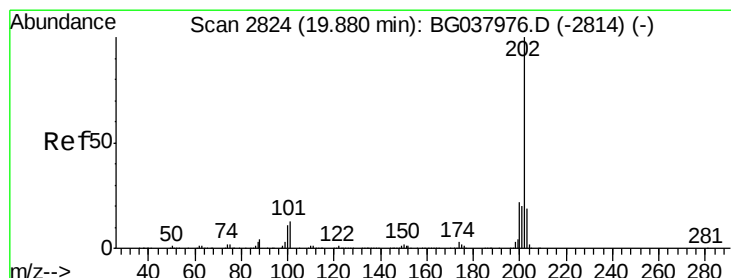
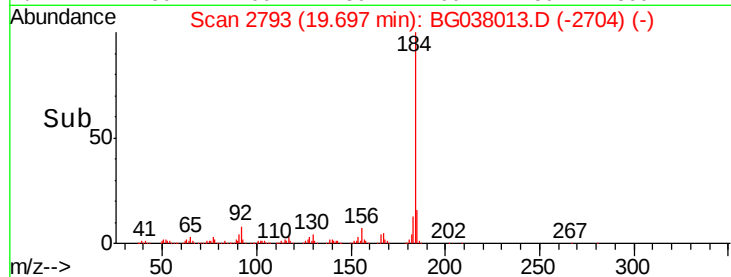
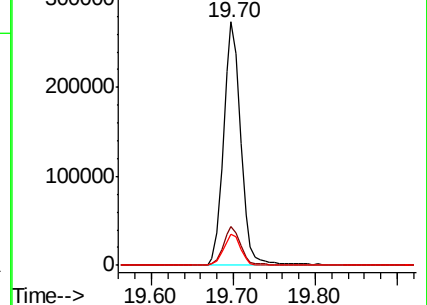
183 12.7 10.2 15.2



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: 46.239 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

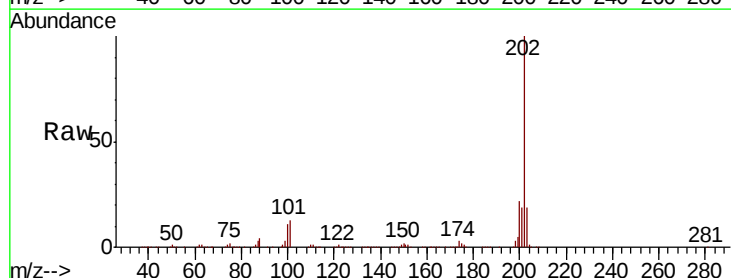
Tgt Ion:202 Resp: 781853

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.6

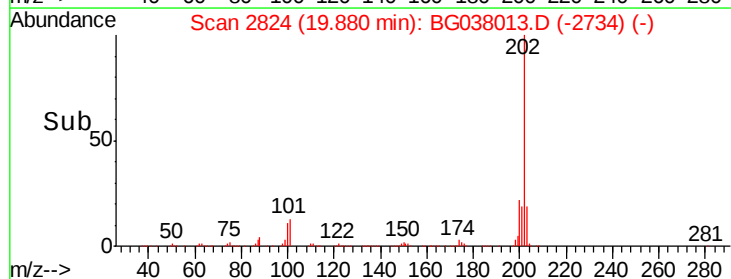
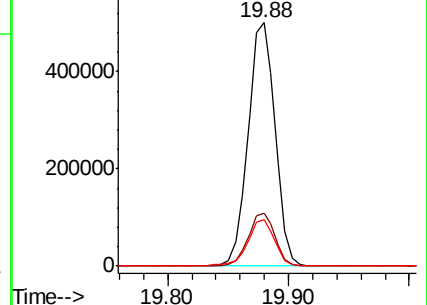
203 18.9 15.2 22.8



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: 80.928 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

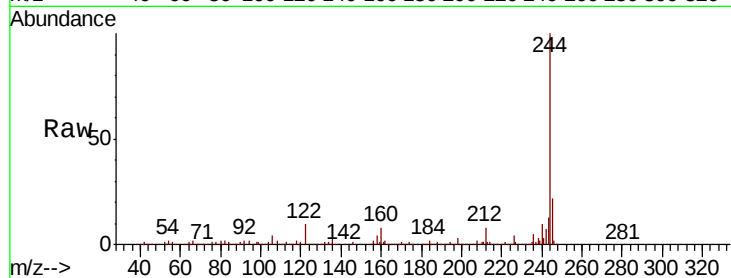
Tgt Ion:244 Resp: 889496

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

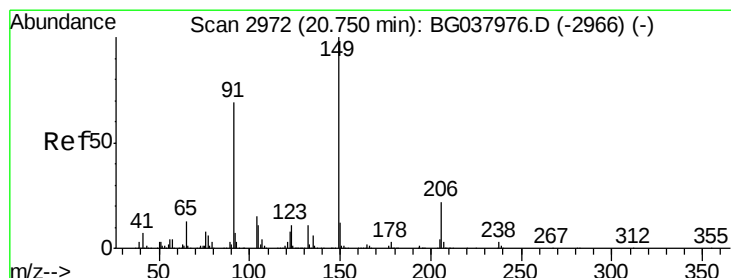
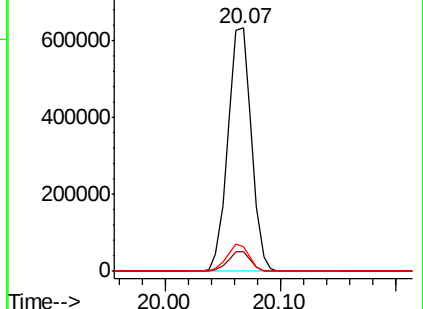
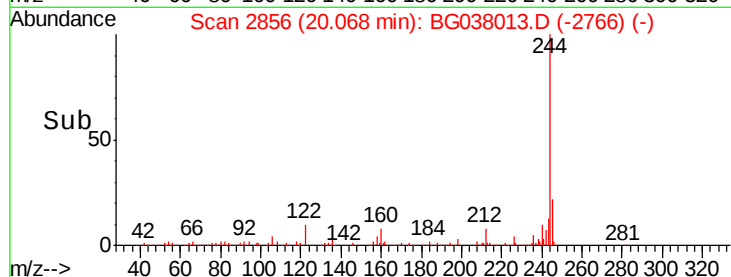
122 10.3 9.0 13.4



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: 46.155 ng

RT: 20.75 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

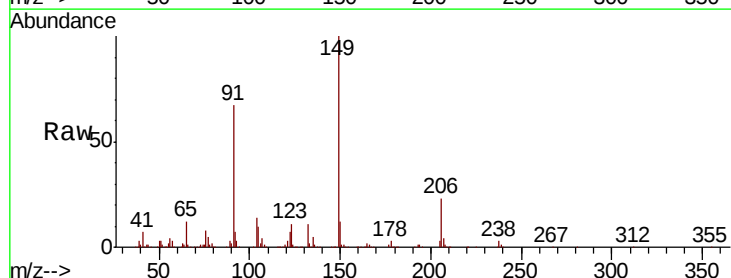
Tgt Ion:149 Resp: 341301

Ion Ratio Lower Upper

149 100

91 66.6 57.0 85.4

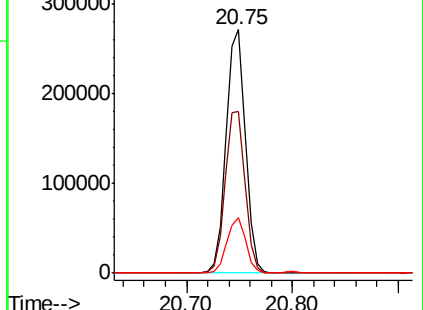
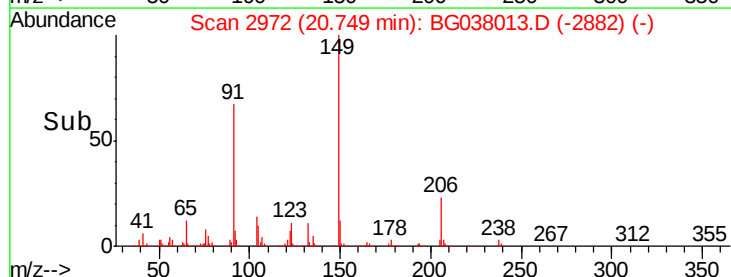
206 22.5 17.8 26.6

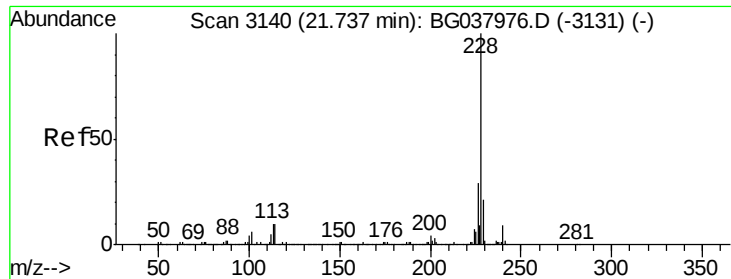


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.145 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

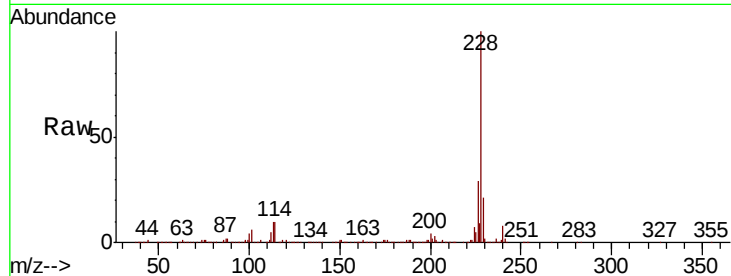
Tgt Ion:228 Resp: 736832

Ion Ratio Lower Upper

228 100

226 28.9 22.6 33.8

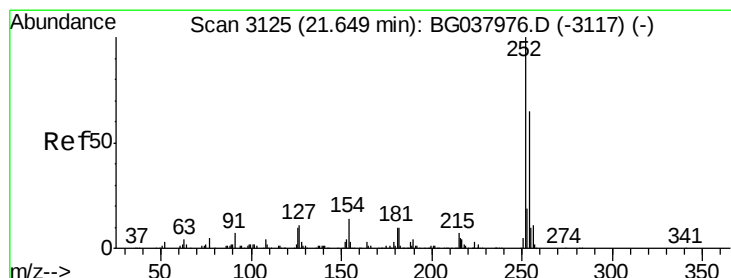
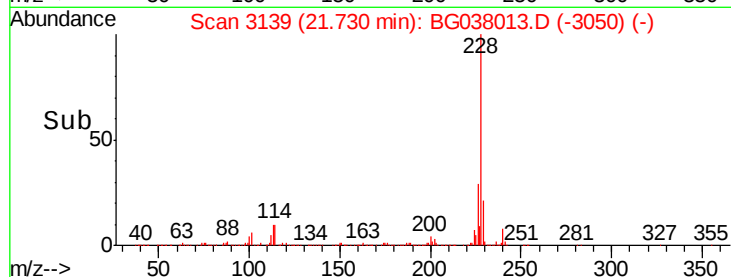
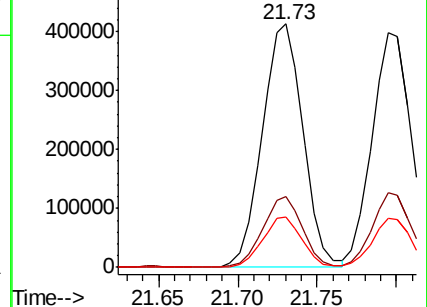
229 20.8 16.3 24.5



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: 30.338 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

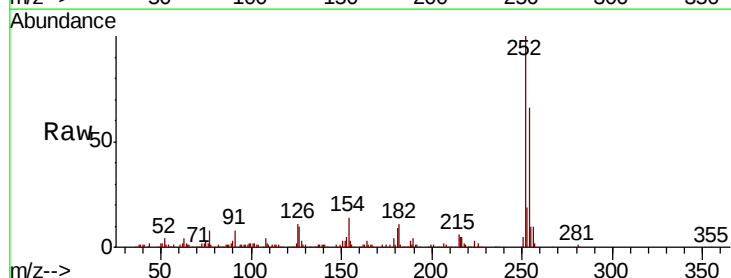
Tgt Ion:252 Resp: 184696

Ion Ratio Lower Upper

252 100

254 66.3 52.0 78.0

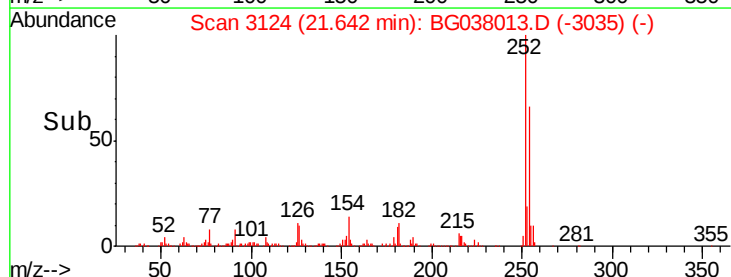
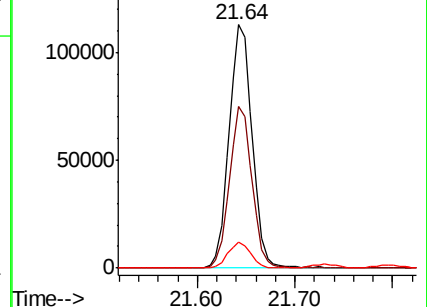
126 10.7 8.2 12.4



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: 45.674 ng

RT: 21.79 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

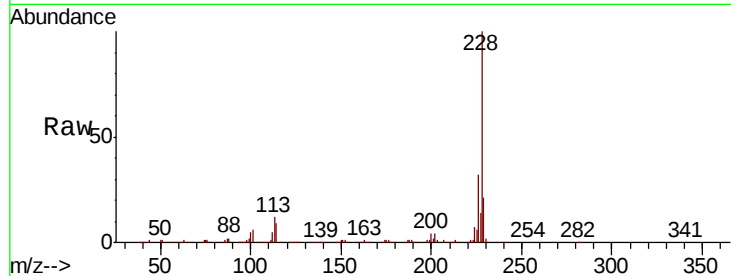
Tgt Ion:228 Resp: 682981

Ion Ratio Lower Upper

228 100

226 31.5 25.7 38.5

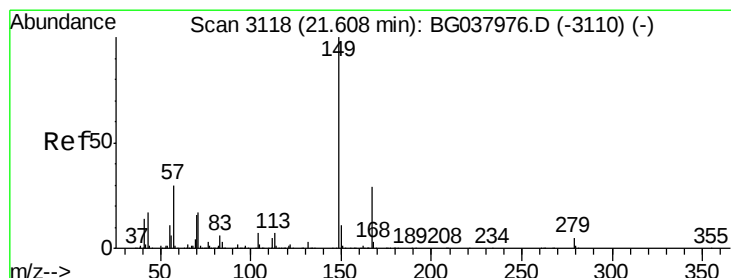
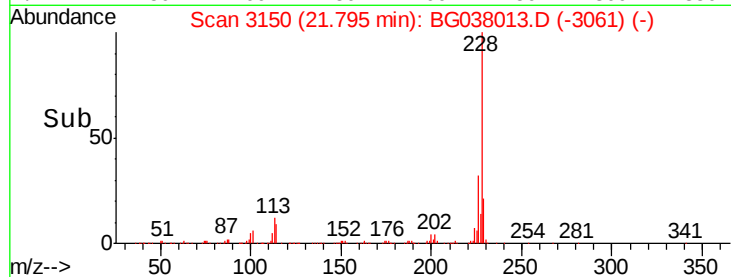
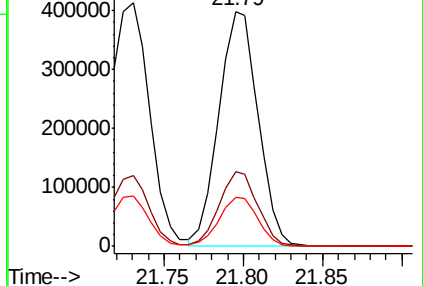
229 20.8 16.5 24.7



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: 45.304 ng

RT: 21.60 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

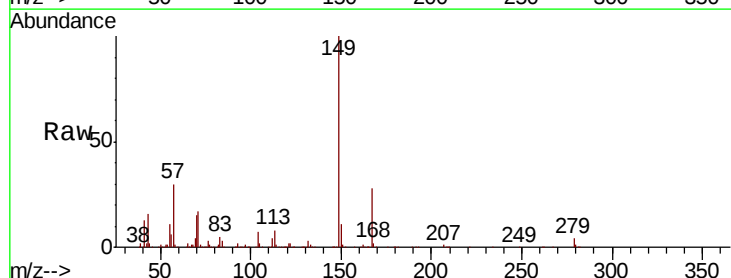
Tgt Ion:149 Resp: 477753

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.4

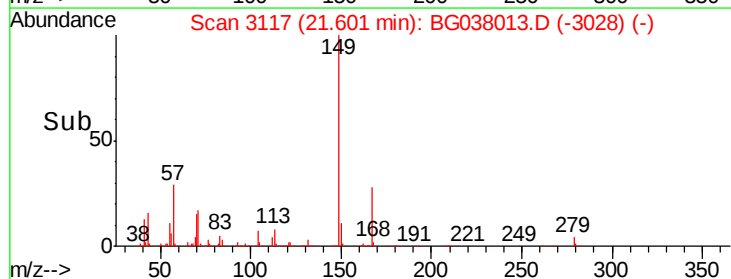
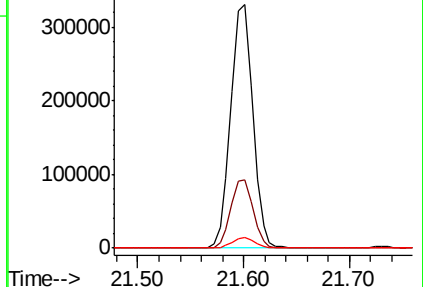
279 4.4 3.6 5.4

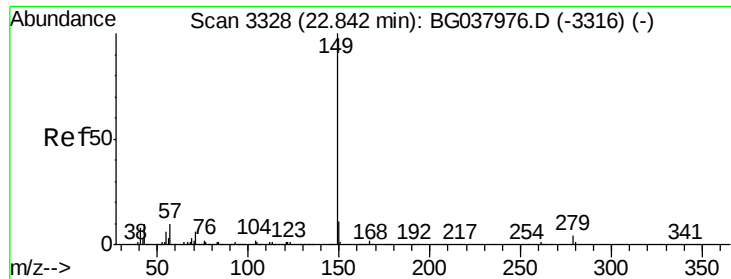


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

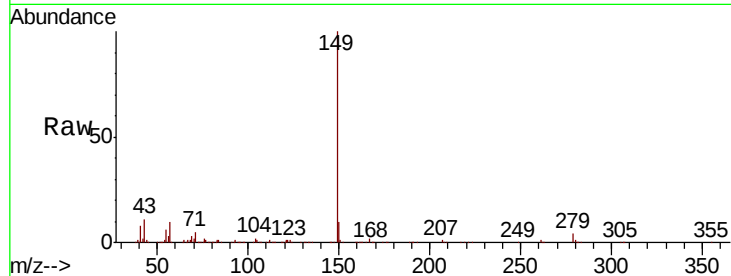




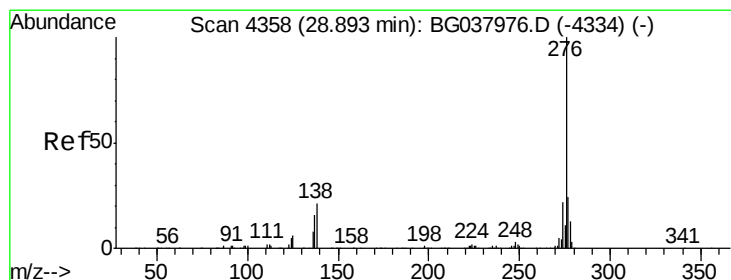
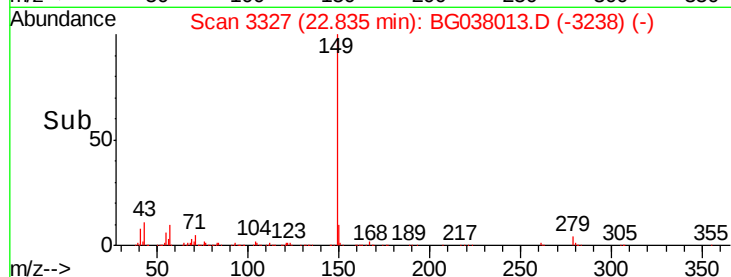
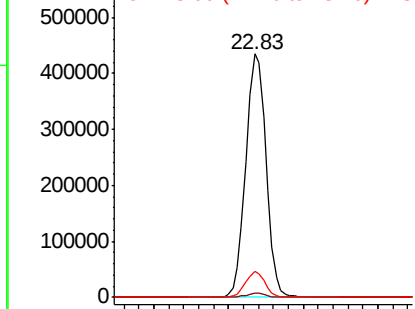
#85
Di-n-octyl phthalate
Concen: 48.078 ng
RT: 22.83 min Scan# 3327
Delta R.T. -0.01 min
Lab File: BG038013.D
Acq: 15 Nov 2018 1:32

Instrument :
BNA_G
ClientSampleId :
PB114826BS

Tgt Ion:149 Resp: 820229
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.3 8.7 13.1

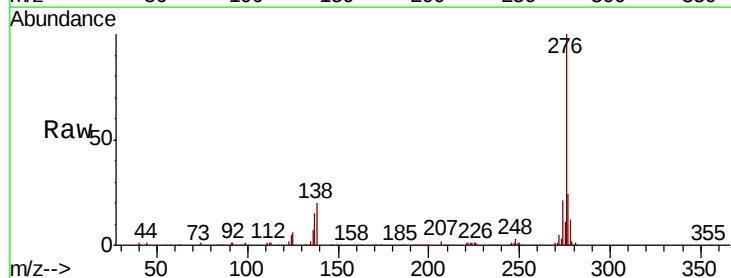


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

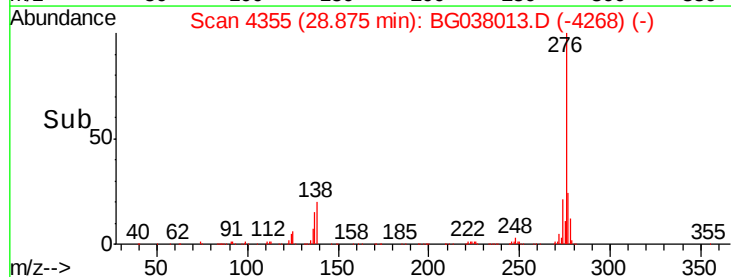
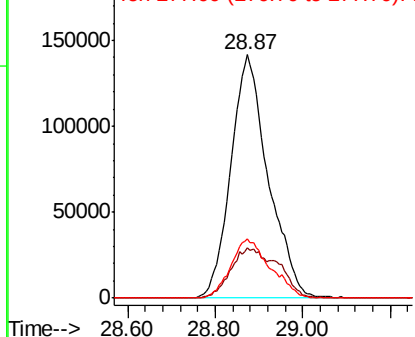


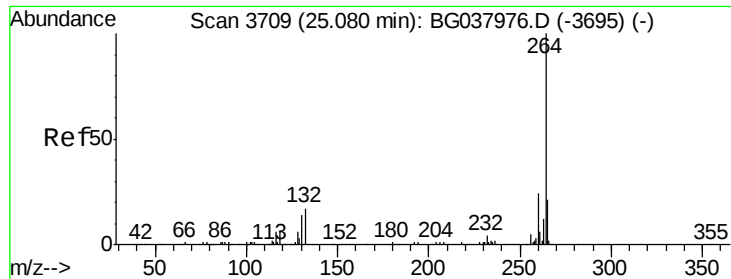
#86
Indeno(1,2,3-cd)pyrene
Concen: 49.327 ng
RT: 28.87 min Scan# 4355
Delta R.T. -0.02 min
Lab File: BG038013.D
Acq: 15 Nov 2018 1:32

Tgt Ion:276 Resp: 819216
Ion Ratio Lower Upper
276 100
138 18.6 12.0 18.0#
277 25.6 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: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

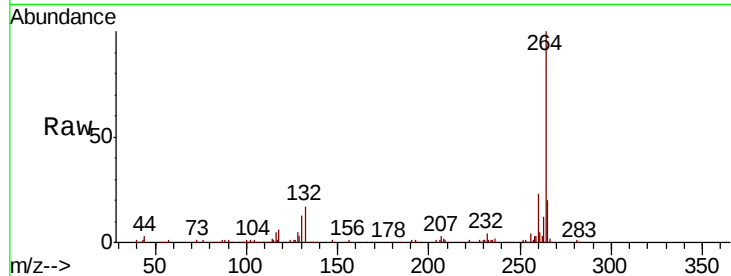
Tgt Ion:264 Resp: 268515

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

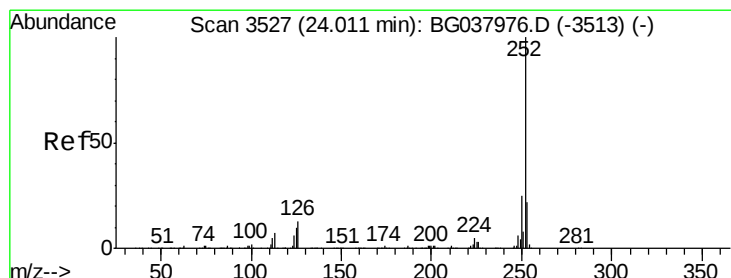
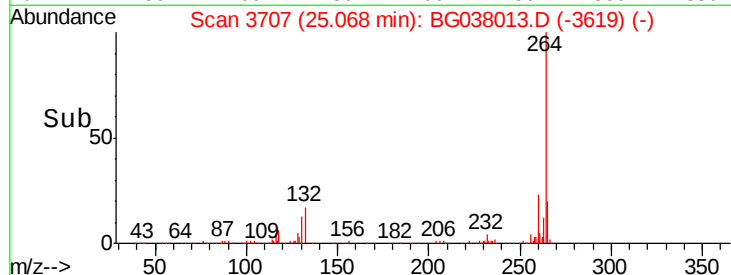
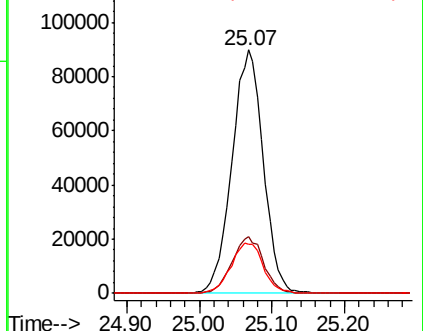
265 20.4 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.526 ng

RT: 24.00 min Scan# 3526

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

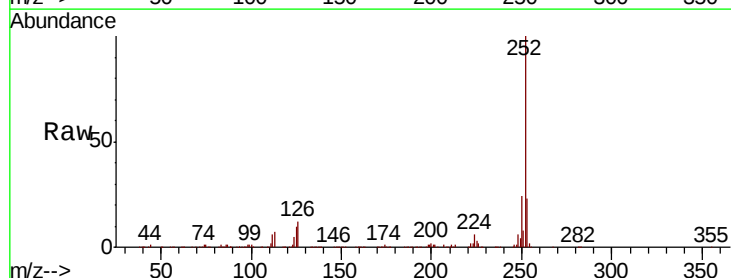
Tgt Ion:252 Resp: 717045

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

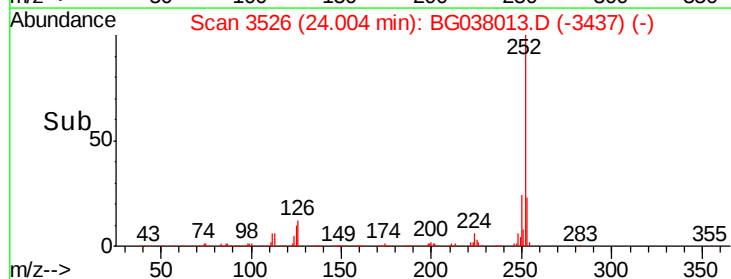
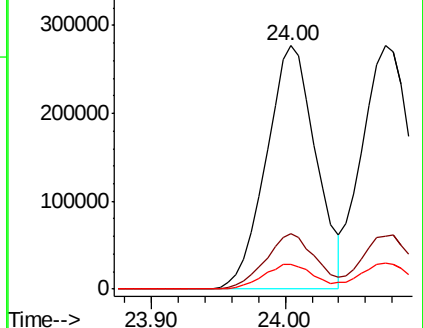
125 10.1 7.8 11.6



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





#89

Benzo(k)fluoranthene

Concen: 48.207 ng

RT: 24.07 min Scan# 3538

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

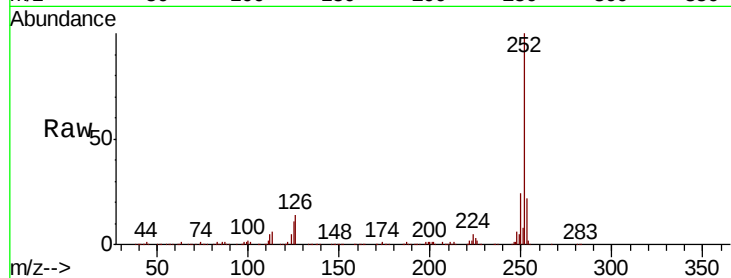
Tgt Ion:252 Resp: 702895

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

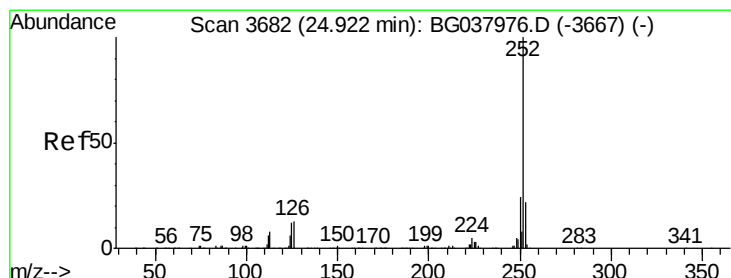
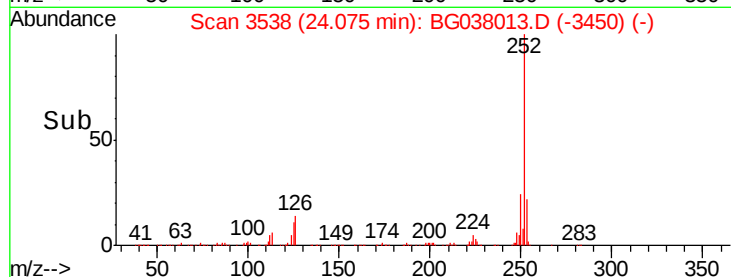
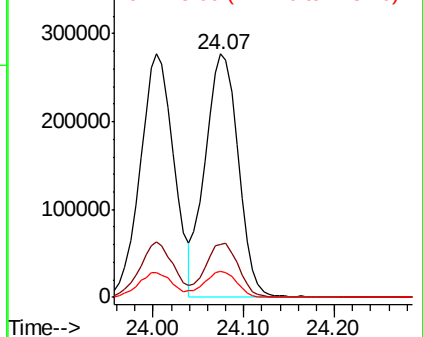
125 10.5 7.4 11.0



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: 49.950 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

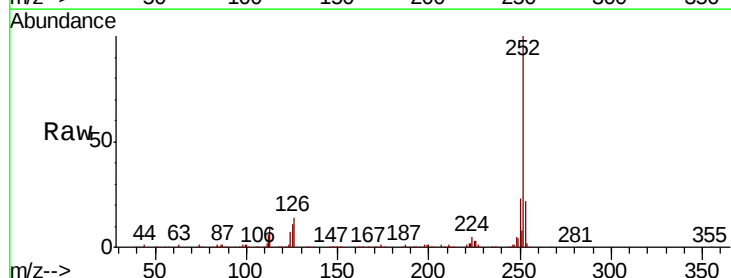
Tgt Ion:252 Resp: 705370

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

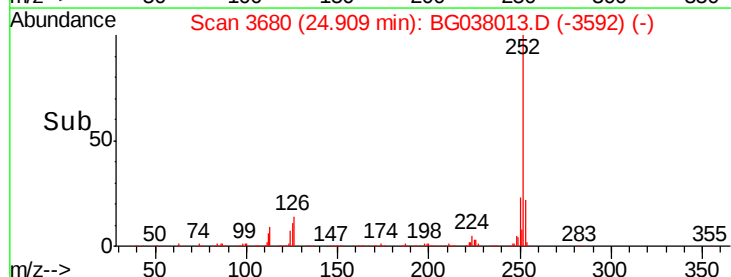
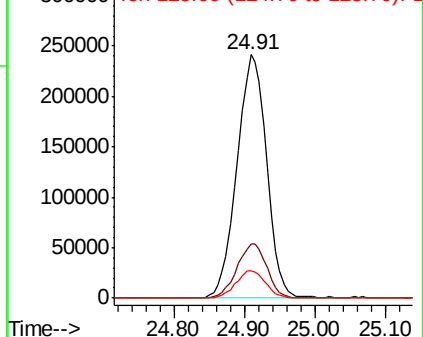
125 11.3 9.0 13.6

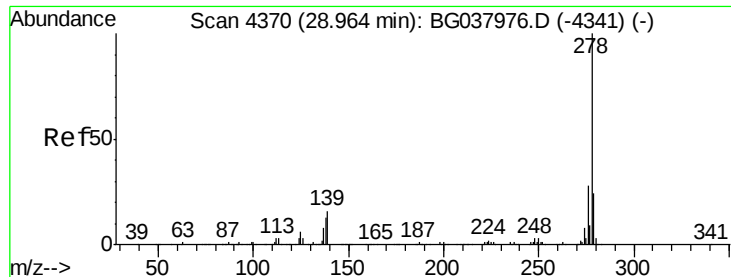


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.760 ng

RT: 28.95 min Scan# 4367

Delta R.T. -0.02 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB114826BS

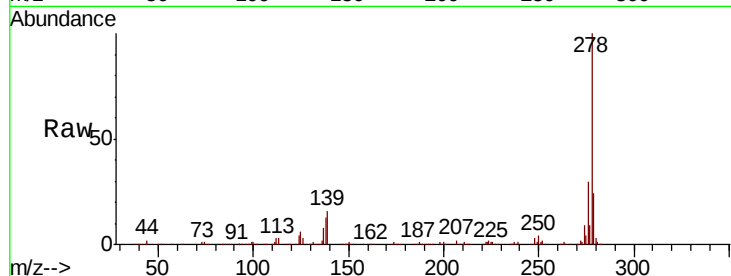
Tgt Ion:278 Resp: 676119

Ion Ratio Lower Upper

278 100

139 16.0 11.5 17.3

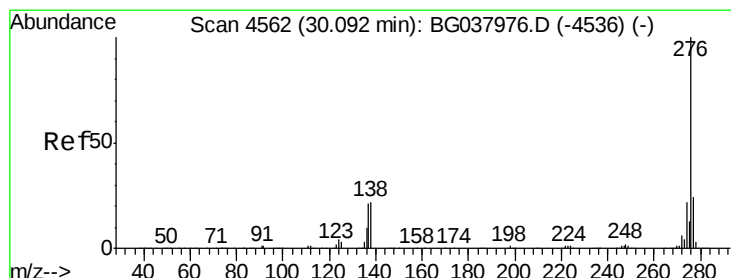
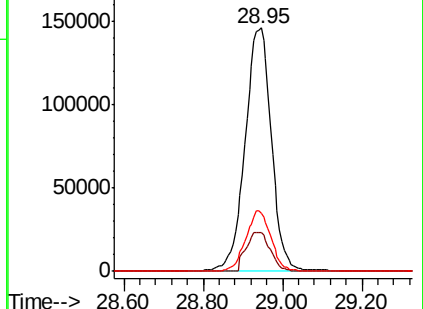
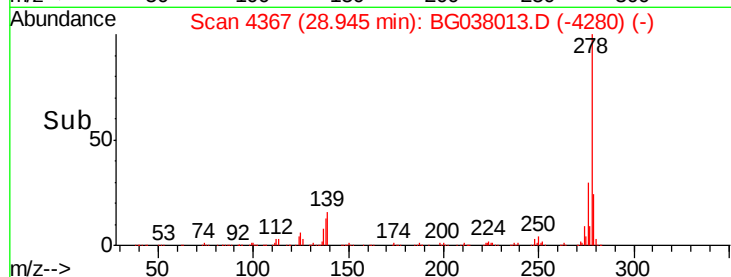
279 23.7 18.6 27.8



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: 50.262 ng

RT: 30.08 min Scan# 4560

Delta R.T. -0.01 min

Lab File: BG038013.D

Acq: 15 Nov 2018 1:32

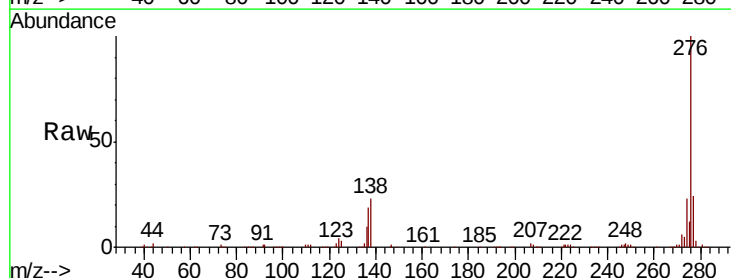
Tgt Ion:276 Resp: 679046

Ion Ratio Lower Upper

276 100

277 24.3 18.9 28.3

138 22.7 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

