

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038301.D
 Acq On : 2 Dec 2018 00:05
 Operator : JU/SJ
 Sample : PB115183BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BS

Quant Time: Dec 03 01:10:30 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	28704	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	126129	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	81490	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	198364	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	187902	20.00	ng	0.00
87) Perylene-d12	25.06	264	202000	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	188378	113.31	ng	-0.01
7) Phenol-d6	7.23	99	256190	107.96	ng	0.00
23) Nitrobenzene-d5	9.26	82	239504	101.65	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	105821	113.86	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	549638	98.26	ng	-0.01
79) Terphenyl-d14	20.06	244	896228	112.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	29255	37.255	ng	# 88
3) Pyridine	3.91	79	86897	38.793	ng	92
4) n-Nitrosodimethylamine	3.83	42	52807	64.980	ng	86
6) Aniline	7.40	93	84838	27.699	ng	97
8) 2-Chlorophenol	7.64	128	102824	53.303	ng	99
9) Benzaldehyde	7.22	77	61262	35.697	ng	99
10) Phenol	7.25	94	131296	52.233	ng	92
11) bis(2-Chloroethyl)ether	7.50	93	96997	47.267	ng	98
12) 1,3-Dichlorobenzene	7.96	146	101215	45.545	ng	98
13) 1,4-Dichlorobenzene	8.11	146	103476	46.094	ng	98
14) 1,2-Dichlorobenzene	8.43	146	99385	46.371	ng	99
15) Benzyl Alcohol	8.32	79	94440	54.998	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	216414	56.794	ng	96
17) 2-Methylphenol	8.51	107	93279	54.888	ng	96
18) Hexachloroethane	9.16	117	38122	46.661	ng	95
19) n-Nitroso-di-n-propylamine	8.88	70	80841	47.079	ng	89
20) 3+4-Methylphenols	8.84	107	128478	53.330	ng	96
22) Acetophenone	8.91	105	148840	47.429	ng	# 95
24) Nitrobenzene	9.30	77	119839	49.719	ng	96
25) Isophorone	9.81	82	229256	54.058	ng	98
26) 2-Nitrophenol	10.01	139	58886	48.937	ng	90
27) 2,4-Dimethylphenol	10.05	122	108389	59.785	ng	96
28) bis(2-Chloroethoxy)methane	10.29	93	135059	49.803	ng	98
29) 2,4-Dichlorophenol	10.54	162	108512	53.212	ng	99
30) 1,2,4-Trichlorobenzene	10.76	180	105179	46.027	ng	100
31) Naphthalene	10.95	128	316063	50.948	ng	99
32) Benzoic acid	10.20	122	54355	46.931	ng	95
33) 4-Chloroaniline	11.07	127	31288	10.842	ng	93
34) Hexachlorobutadiene	11.21	225	64653	45.970	ng	95
35) Caprolactam	11.84	113	24250	29.709	ng	93
36) 4-Chloro-3-methylphenol	12.17	107	120768	54.207	ng	97
37) 2-Methylnaphthalene	12.55	142	233969	52.505	ng	98
38) 1-Methylnaphthalene	12.77	142	227284	52.988	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	125325	46.024	ng	98

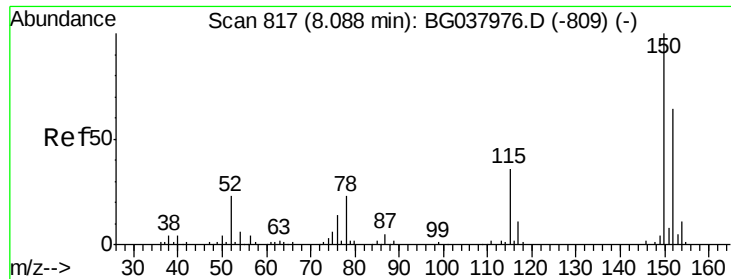
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038301.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	168809	115.772	nq	97
43) 2,4,6-Trichlorophenol	13.15	196	93255	50.257	nq	99
44) 2,4,5-Trichlorophenol	13.22	196	104527	53.538	nq	97
46) 1,1'-Biphenyl	13.55	154	306790	44.813	nq	99
47) 2-Chloronaphthalene	13.59	162	243228	46.559	nq	99
48) 2-Nitroaniline	13.81	65	87926	53.477	nq	98
49) Acenaphthylene	14.44	152	409305	52.101	nq	99
50) Dimethylphthalate	14.16	163	334599	51.793	nq	99
51) 2,6-Dinitrotoluene	14.30	165	75743	51.803	nq	96
52) Acenaphthene	14.78	154	235931	49.885	nq	98
53) 3-Nitroaniline	14.63	138	30443	18.869	nq	# 94
54) 2,4-Dinitrophenol	14.83	184	89589	109.638	nq	# 82
55) Dibenzofuran	15.11	168	382087	48.858	nq	96
56) 4-Nitrophenol	14.93	139	132103	106.162	nq	83
57) 2,4-Dinitrotoluene	15.08	165	107861	54.218	nq	95
58) Fluorene	15.76	166	308464	52.865	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.33	232	91727	56.146	nq	97
60) Diethylphthalate	15.52	149	353494	51.516	nq	97
61) 4-Chlorophenyl-phenylether	15.74	204	163950	48.020	nq	96
62) 4-Nitroaniline	15.80	138	79648	49.694	nq	91
63) Azobenzene	16.04	77	320108	52.175	nq	94
65) 4,6-Dinitro-2-methylphenol	15.84	198	63910	50.938	nq	89
66) n-Nitrosodiphenylamine	15.97	169	288013	47.994	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	105772	48.581	nq	95
68) Hexachlorobenzene	16.76	284	110083	48.984	nq	98
69) Atrazine	16.91	200	114053	51.556	nq	99
70) Pentachlorophenol	17.11	266	139752	91.563	nq	95
71) Phenanthrene	17.51	178	534445	52.624	nq	99
72) Anthracene	17.60	178	545815	54.521	nq	100
73) Carbazole	17.87	167	498493	49.630	nq	98
74) Di-n-butylphthalate	18.40	149	607513	53.882	nq	99
75) Fluoranthene	19.51	202	657366	56.732	nq	99
77) Benzidine	19.69	184	181001	27.452	nq	99
78) Pyrene	19.87	202	651743	53.051	nq	98
80) Butylbenzylphthalate	20.74	149	281166	52.334	nq	100
81) Benzo(a)anthracene	21.73	228	617724	54.401	nq	99
82) 3,3'-Dichlorobenzidine	21.64	252	105822	23.924	nq	96
83) Chrysene	21.80	228	566922	52.182	nq	97
84) Bis(2-ethylhexyl)phthalate	21.59	149	391436	51.090	nq	98
85) Di-n-octyl phthalate	22.83	149	671215	54.151	nq	96
86) Indeno(1,2,3-cd)pyrene	28.86	276	686847	56.922	nq	100
88) Benzo(b)fluoranthene	24.00	252	612975	55.143	nq	99
89) Benzo(k)fluoranthene	24.07	252	583597	53.205	nq	100
90) Benzo(a)pyrene	24.90	252	589168	55.459	nq	98
91) Dibenzo(a,h)anthracene	28.93	278	564219	55.198	nq	99
92) Benzo(g,h,i)perylene	30.06	276	574769	56.552	nq	96

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

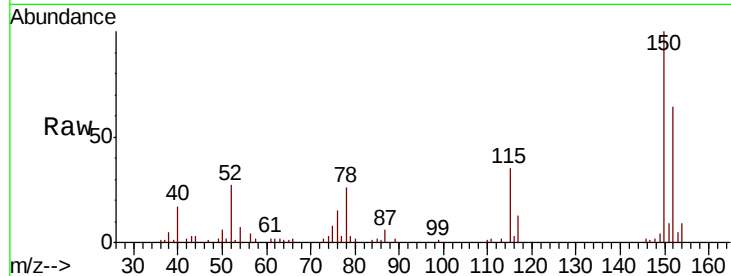


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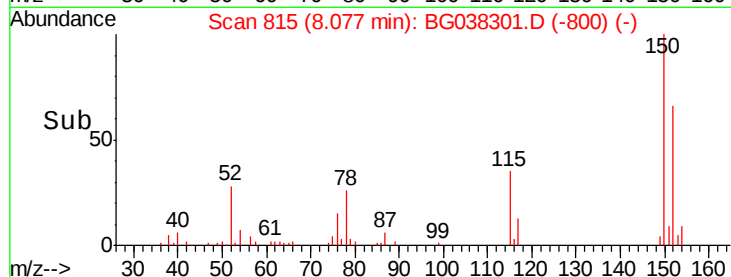
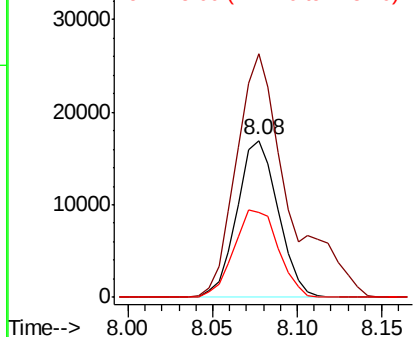
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Instrument :
BNA_G
ClientSampleId :
PB115183BS

Tot Ion:152 Resp: 28704
Ion Ratio Lower Upper
152 100
150 155.3 126.0 189.0
115 53.8 45.5 68.3



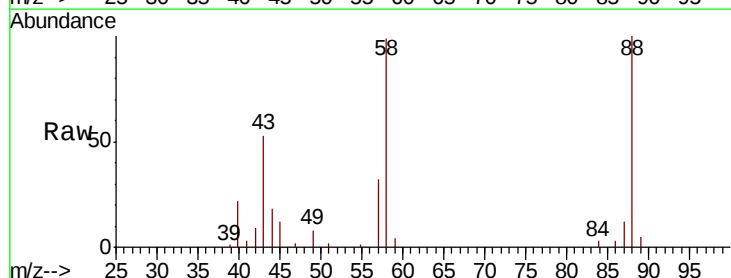
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



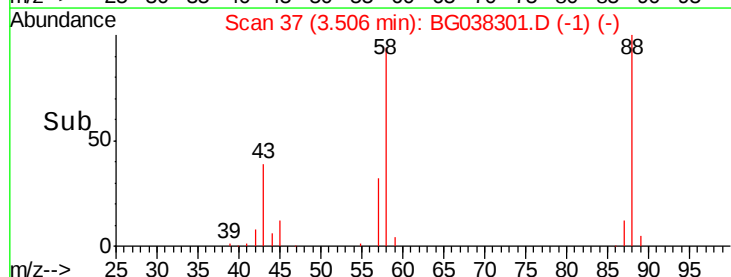
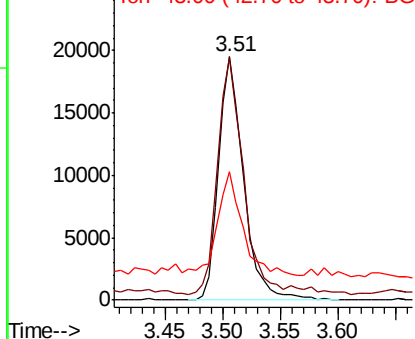
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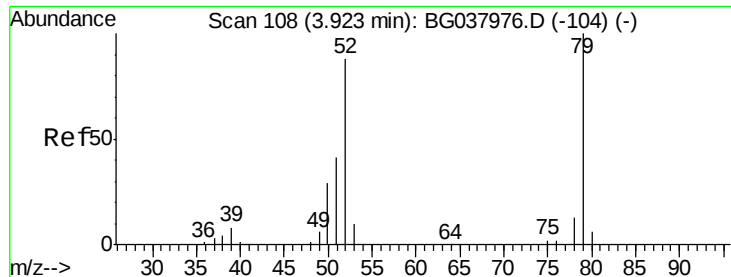
1,4-Dioxane
Concen: 37.255 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.02 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Tgt Ion: 88 Resp: 29255
Ion Ratio Lower Upper
88 100
58 103.1 74.4 111.6
43 41.4 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

Pvridine

Concen: 38.793 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

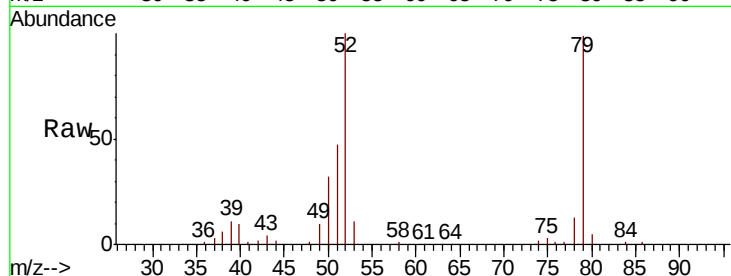
Tot Ion: 79 Resp: 86897

Ion Ratio Lower Upper

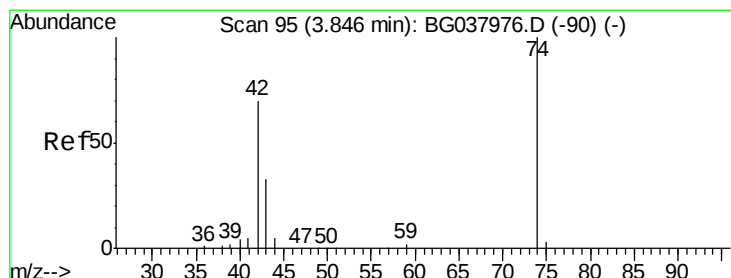
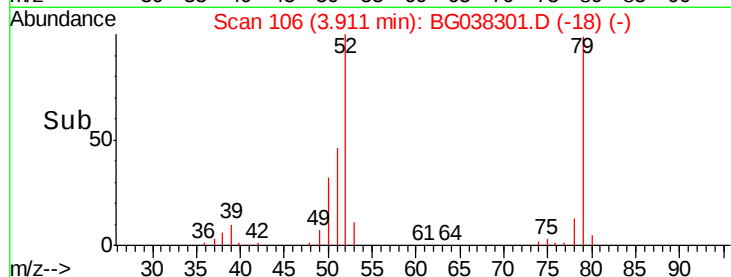
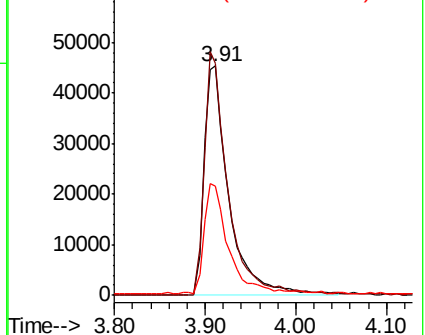
79 100

52 101.1 74.2 111.2

51 47.7 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 64.980 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.02 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

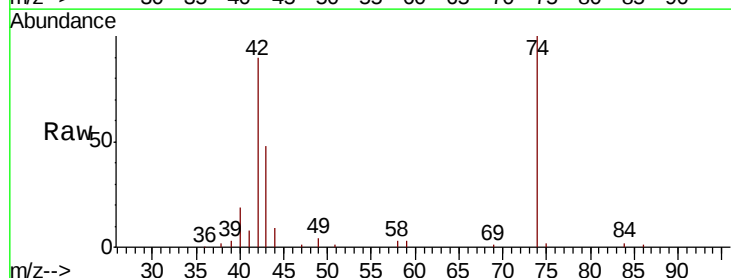
Tgt Ion: 42 Resp: 52807

Ion Ratio Lower Upper

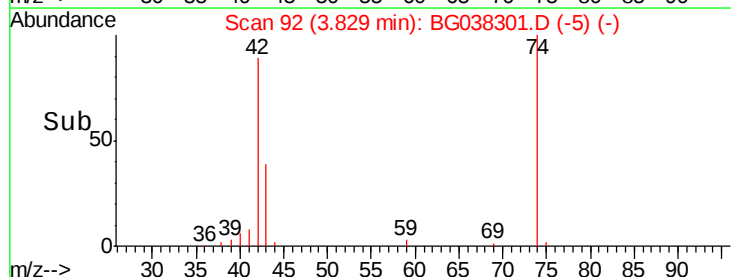
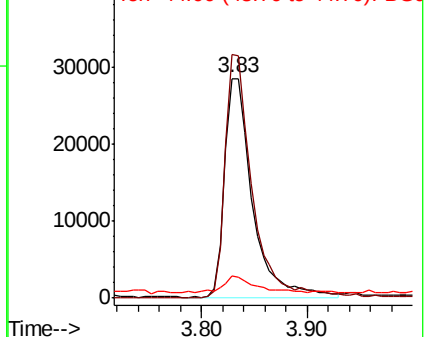
42 100

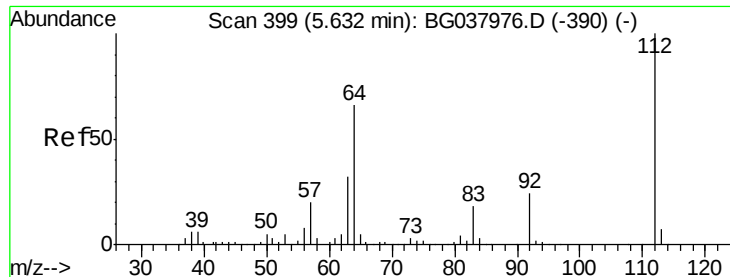
74 110.9 102.0 153.0

44 10.4 9.6 14.4



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





#5

2-Fluorophenol

Concen: 113.311 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampled :

PB115183BS

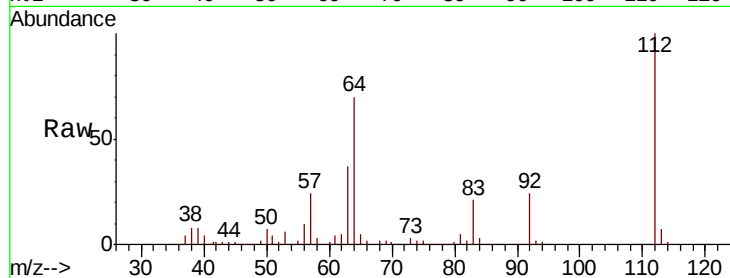
Tot Ion:112 Resp: 188378

Ion Ratio Lower Upper

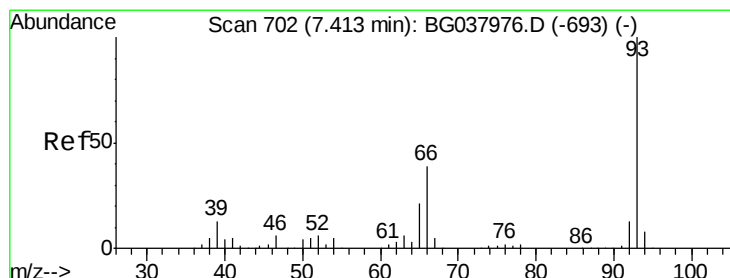
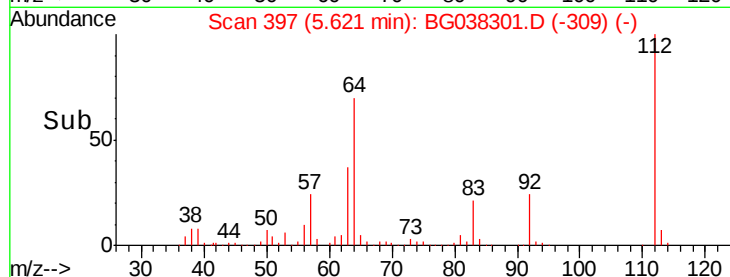
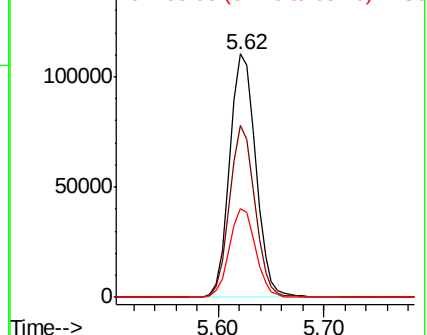
112 100

64 70.4 53.1 79.7

63 36.7 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: 27.699 ng

RT: 7.40 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

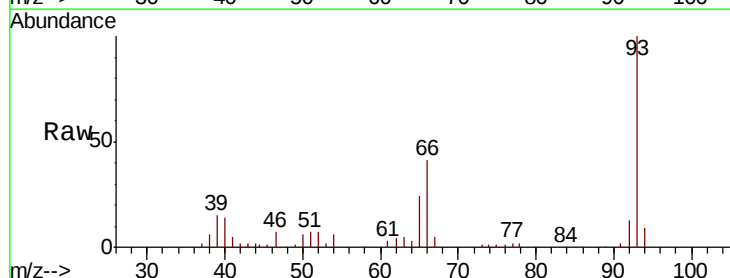
Tgt Ion: 93 Resp: 84838

Ion Ratio Lower Upper

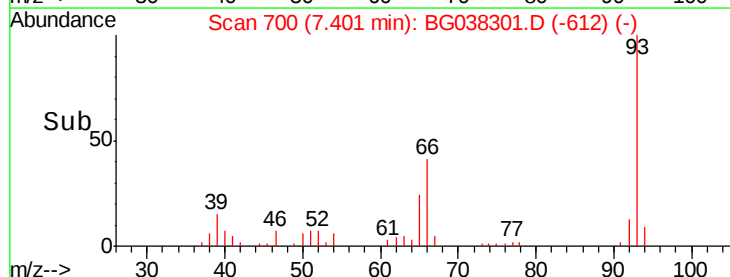
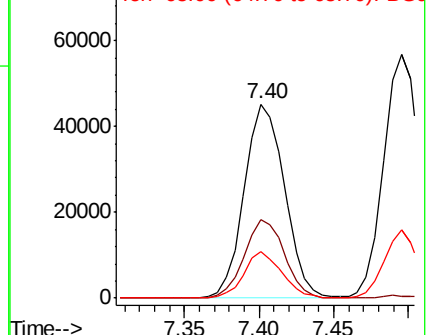
93 100

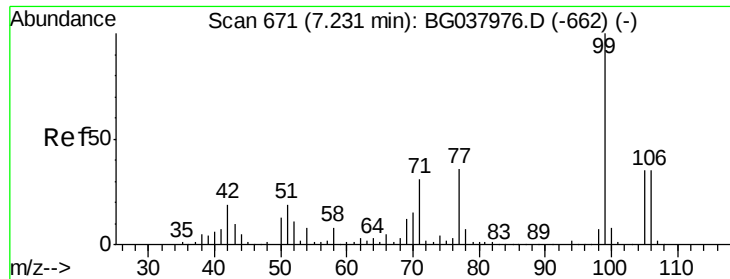
66 40.8 32.8 49.2

65 24.2 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: 107.956 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

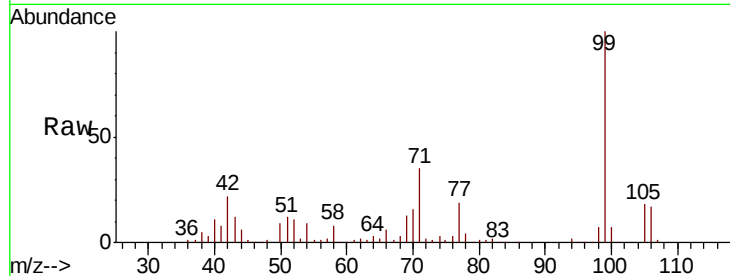
Tot Ion: 99 Resp: 256190

Ion Ratio Lower Upper

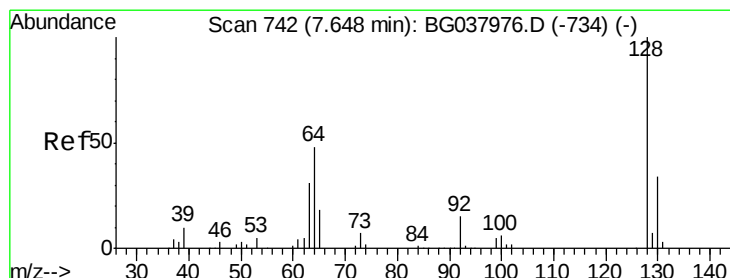
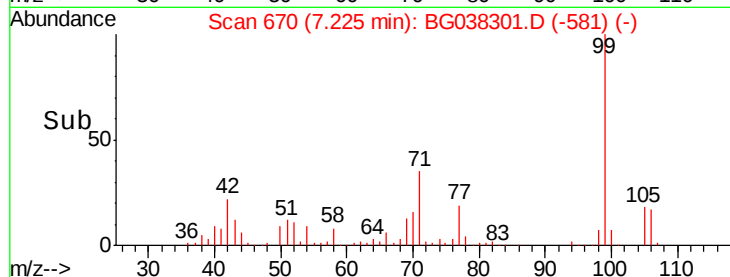
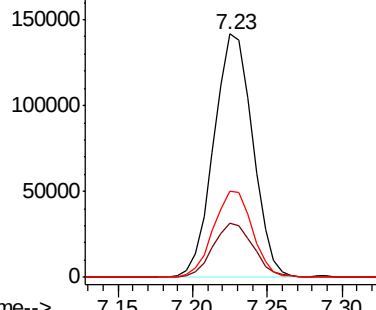
99 100

42 22.1 15.0 22.4

71 35.4 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: 53.303 ng

RT: 7.64 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

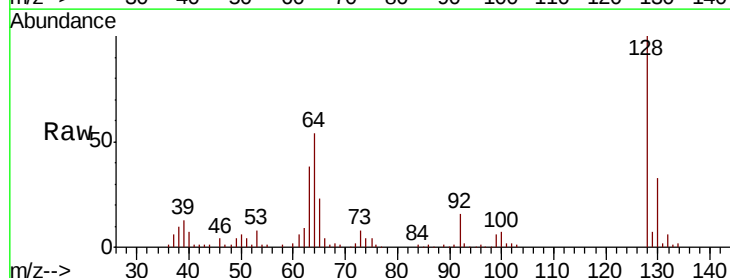
Tgt Ion: 128 Resp: 102824

Ion Ratio Lower Upper

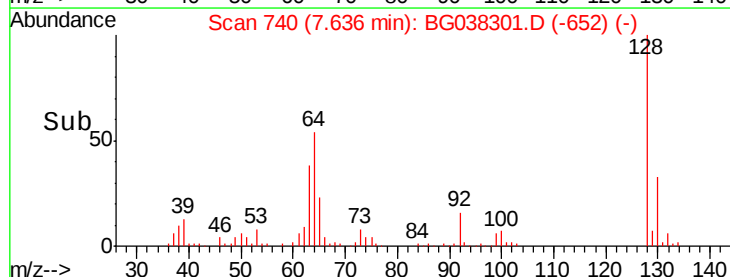
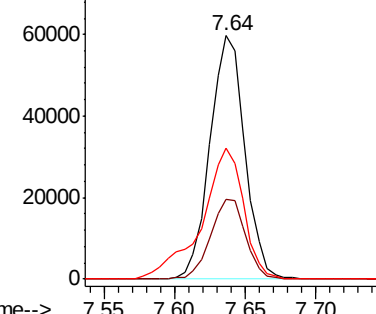
128 100

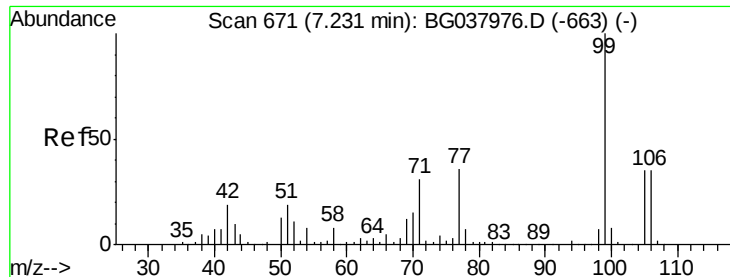
130 32.8 12.0 52.0

64 53.9 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: 35.697 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

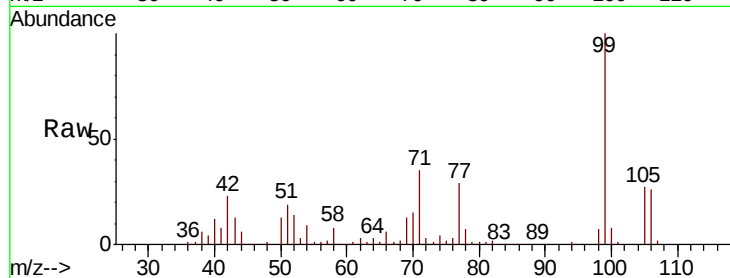
Tot Ion: 77 Resp: 61262

Ion Ratio Lower Upper

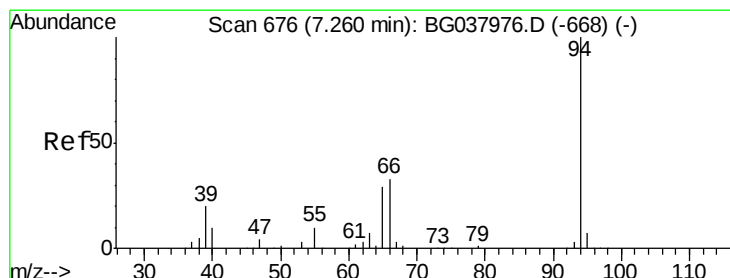
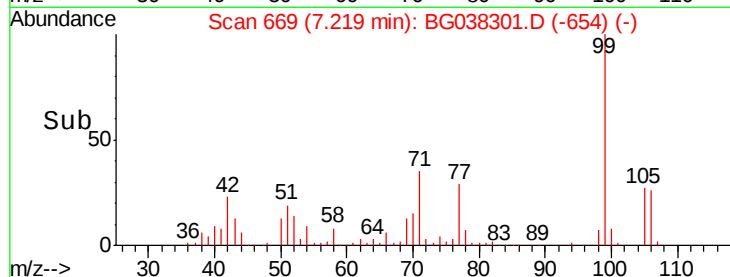
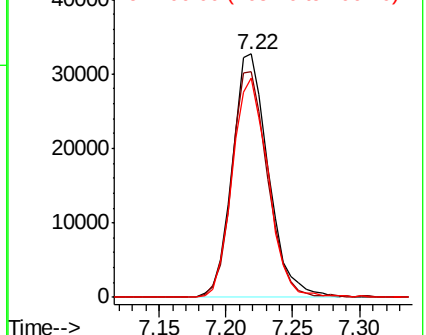
77 100

105 92.9 72.6 112.6

106 89.9 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: 52.233 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

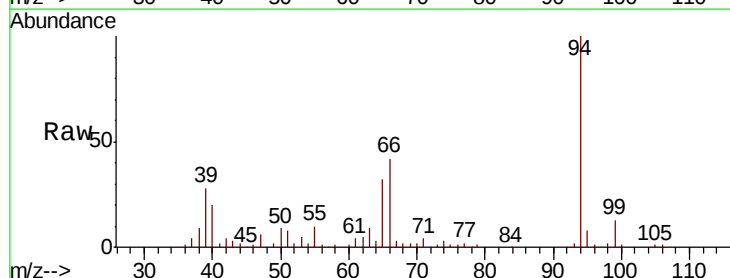
Tgt Ion: 94 Resp: 131296

Ion Ratio Lower Upper

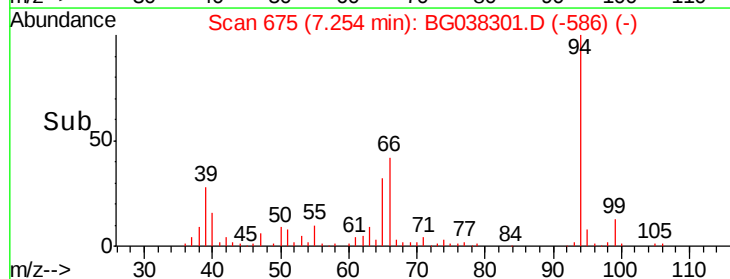
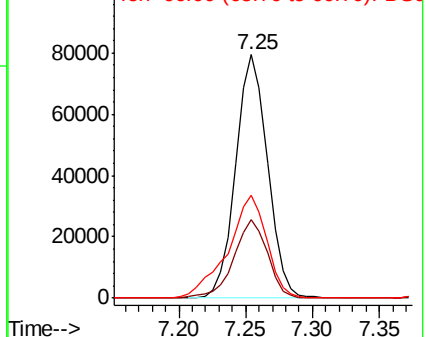
94 100

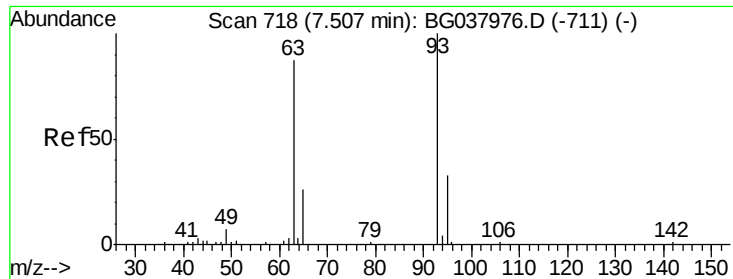
65 32.0 9.7 49.7

66 42.3 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

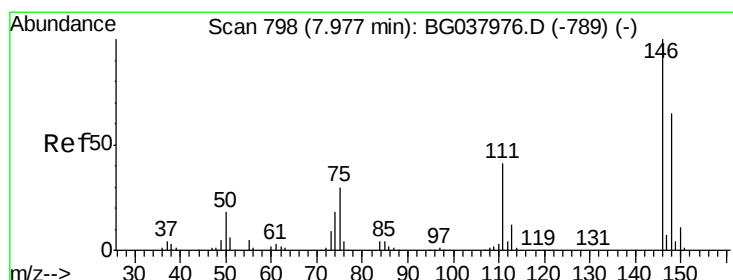
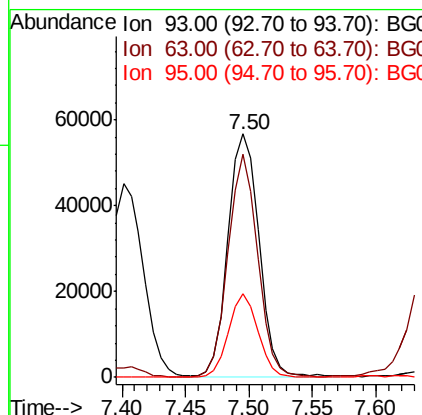
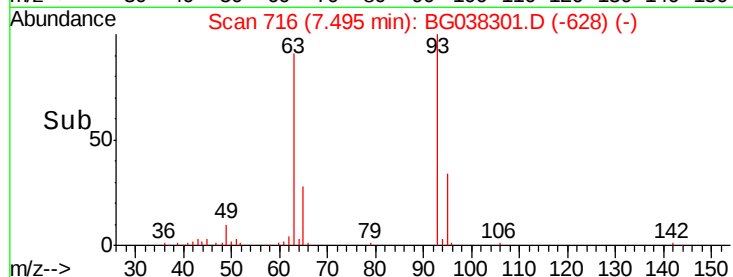
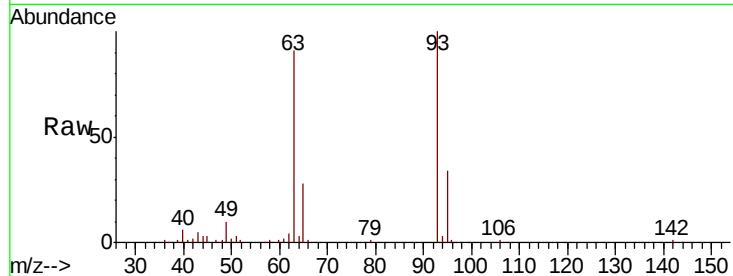




#11
bis(2-Chloroethyl)ether
Concen: 47.267 ng
RT: 7.50 min Scan# 716
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

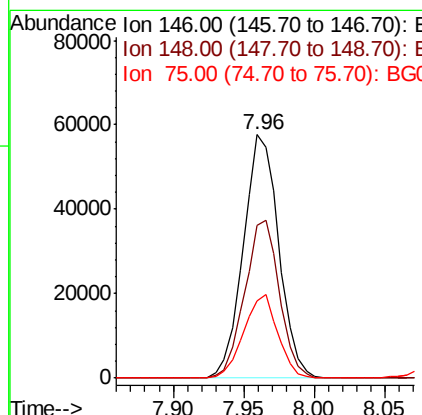
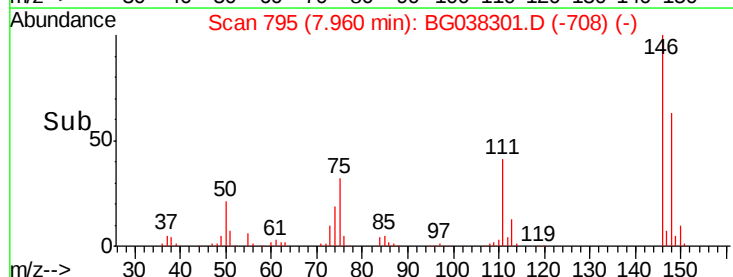
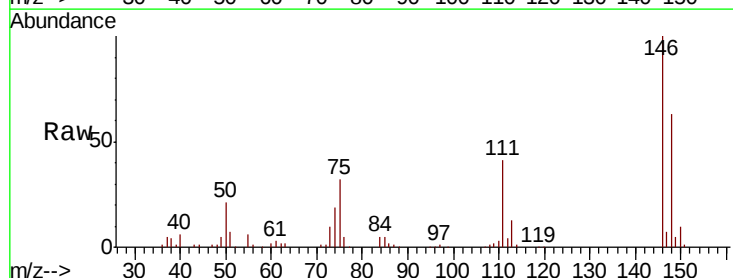
Instrument :
BNA_G
ClientSampleId :
PB115183BS

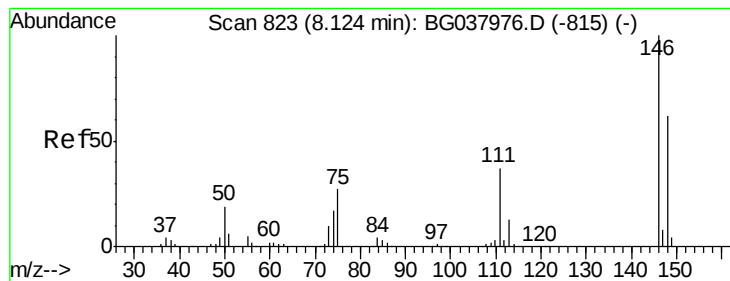
Tot Ion: 93 Resp: 96997
Ion Ratio Lower Upper
93 100
63 91.5 69.5 109.5
95 34.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 45.545 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.02 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Tgt Ion: 146 Resp: 101215
Ion Ratio Lower Upper
146 100
148 62.8 49.8 74.8
75 31.7 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 46.094 ng

RT: 8.11 min Scan# 821

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

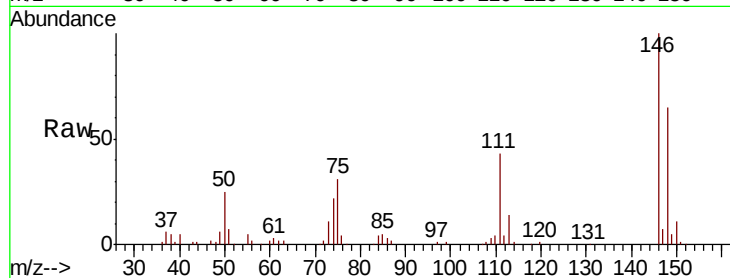
Tot Ion:146 Resp: 103476

Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.6

111 43.2 32.4 48.6

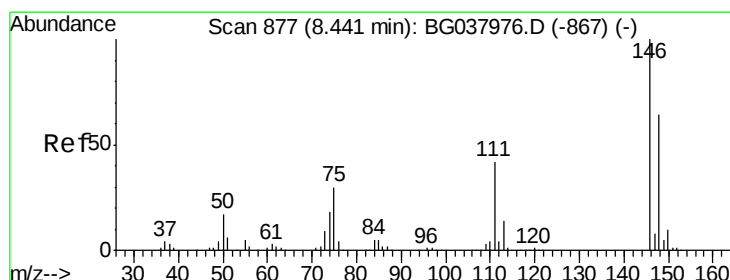
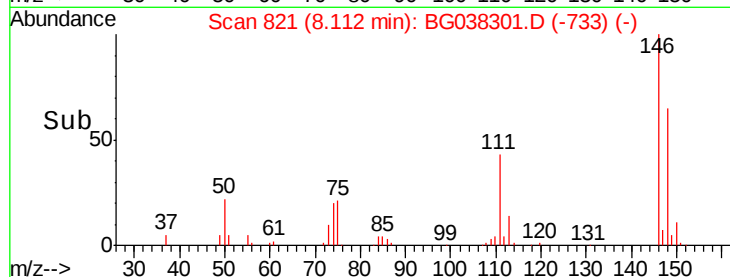
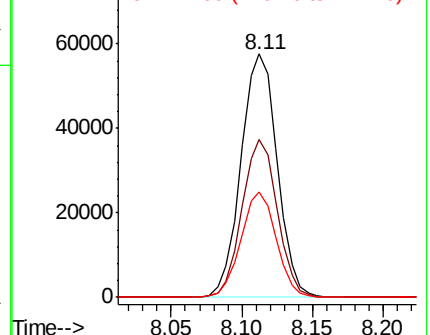


Abundance

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: 46.371 ng

RT: 8.43 min Scan# 875

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

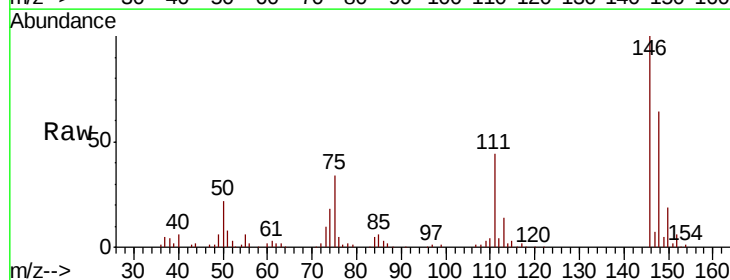
Tgt Ion:146 Resp: 99385

Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

111 43.8 34.6 51.8

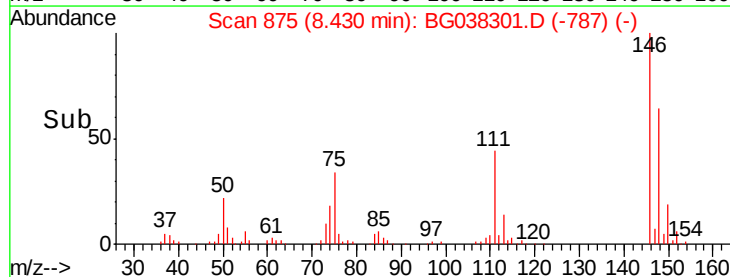
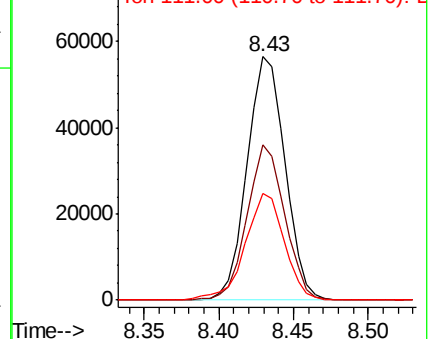


Abundance

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: 54.998 ng

RT: 8.32 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

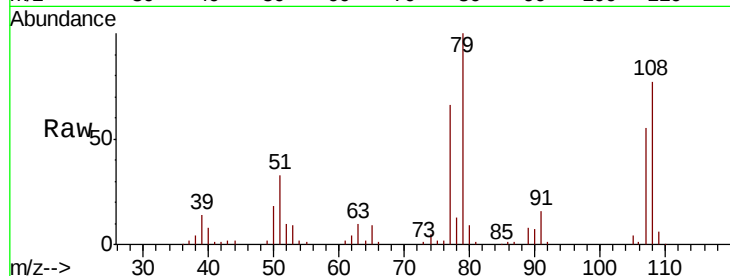
Tot Ion: 79 Resp: 94440

Ion Ratio Lower Upper

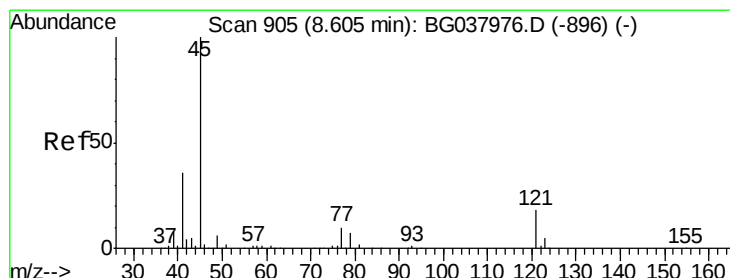
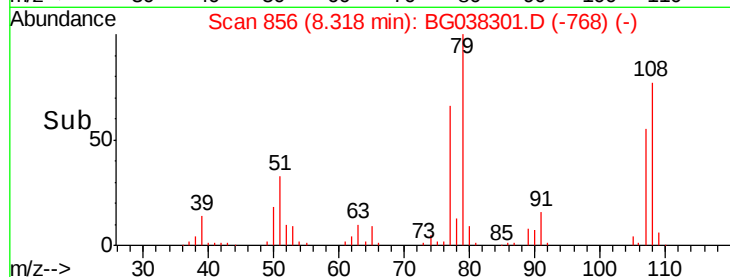
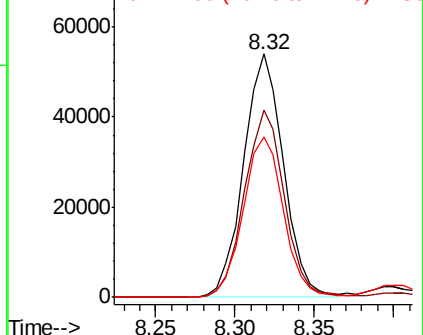
79 100

108 76.8 65.8 98.8

77 65.6 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: 56.794 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

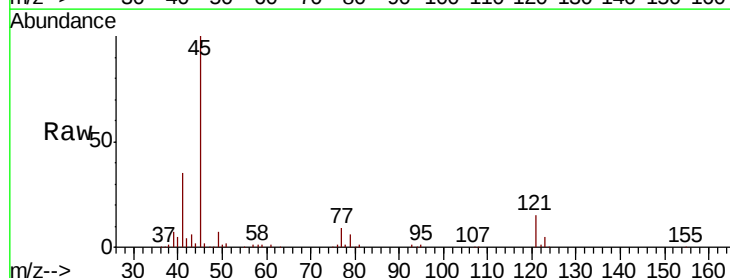
Tgt Ion: 45 Resp: 216414

Ion Ratio Lower Upper

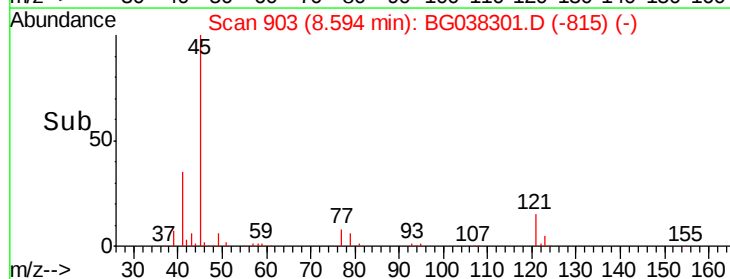
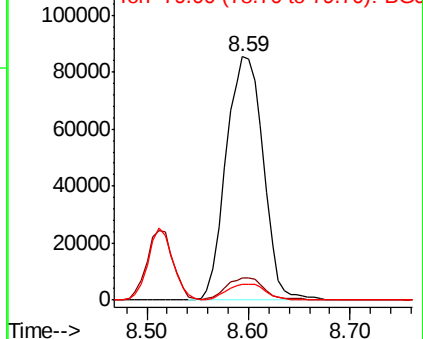
45 100

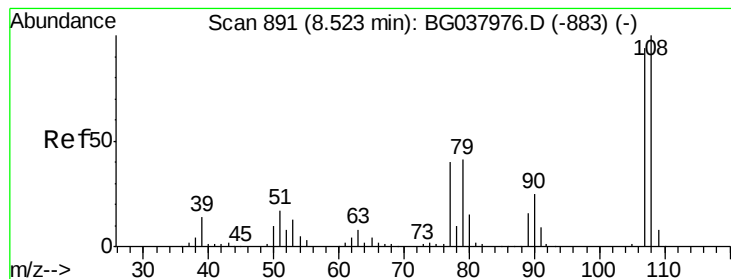
77 9.3 0.0 30.0

79 6.5 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: 54.888 ng

RT: 8.51 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

Tot Ion:107 Resp: 93279

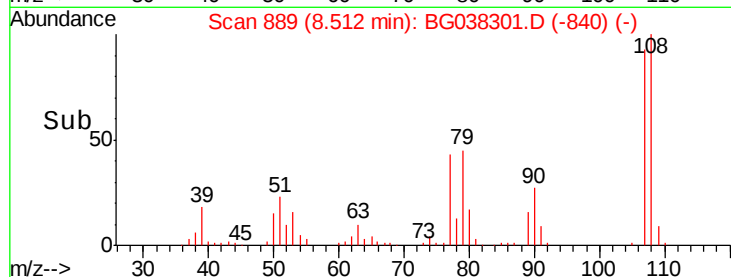
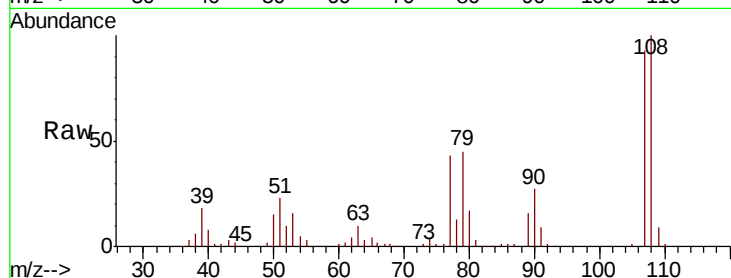
Ion Ratio Lower Upper

107 100

108 107.2 87.9 131.9

77 46.3 35.1 52.7

79 47.9 34.5 51.7



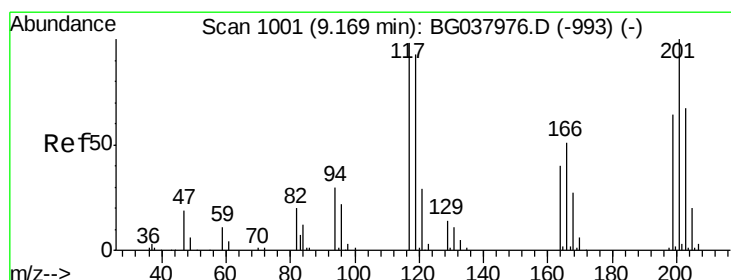
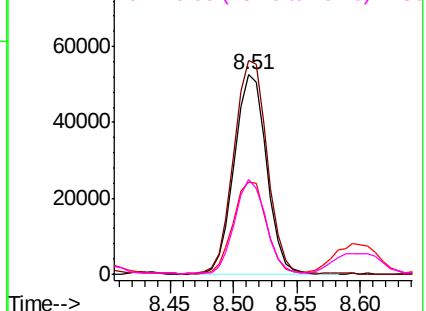
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 46.661 ng

RT: 9.16 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

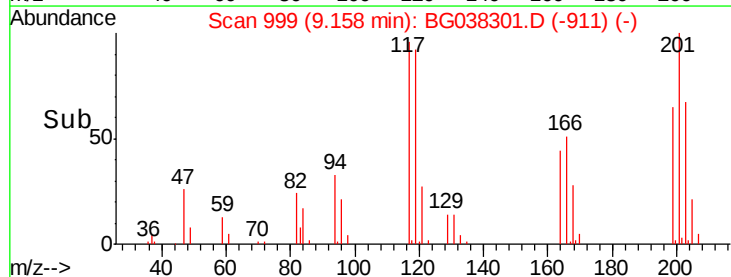
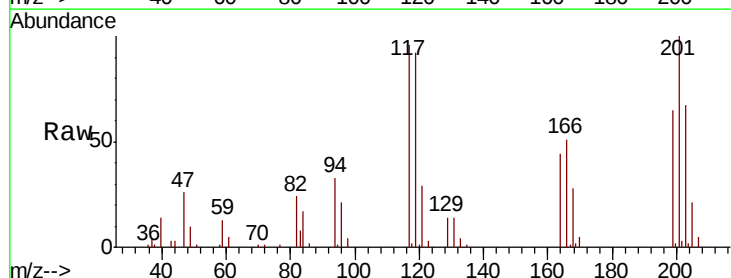
Tgt Ion:117 Resp: 38122

Ion Ratio Lower Upper

117 100

119 96.4 74.6 111.8

201 107.9 80.8 121.2

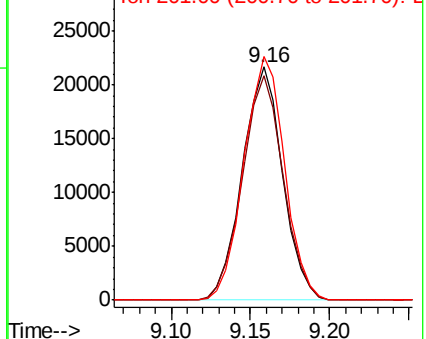


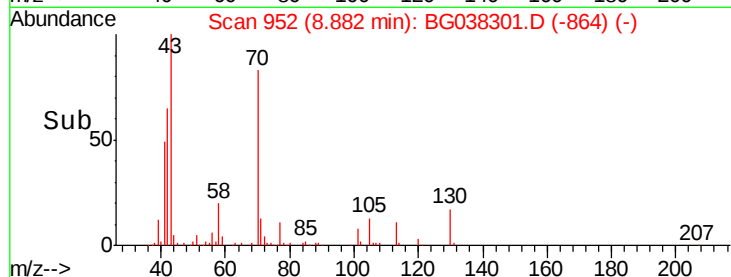
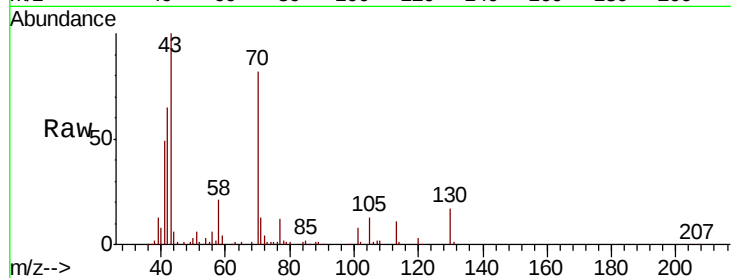
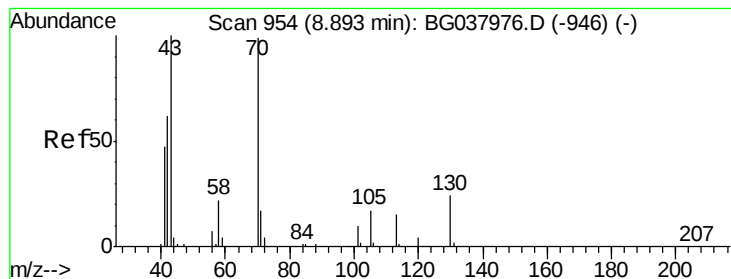
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 47.079 ng

RT: 8.88 min Scan# 952

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

Tot Ion: 70 Resp: 80841

Ion Ratio Lower Upper

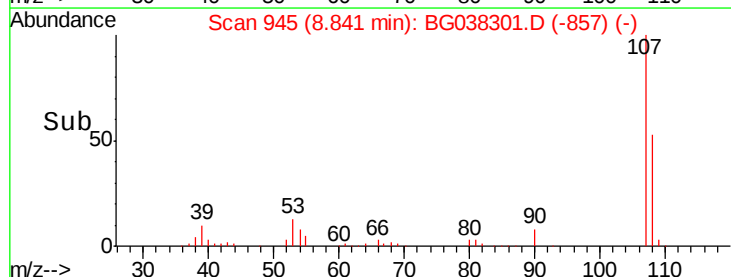
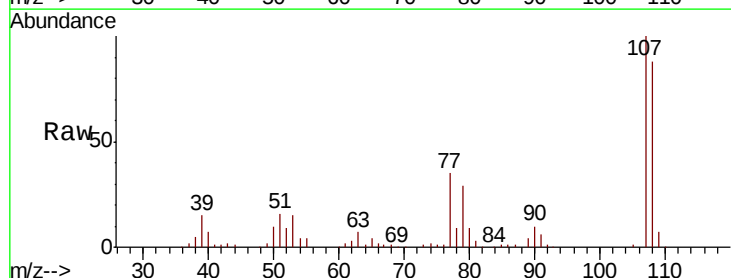
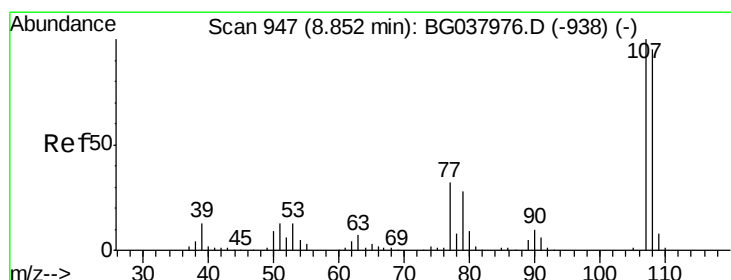
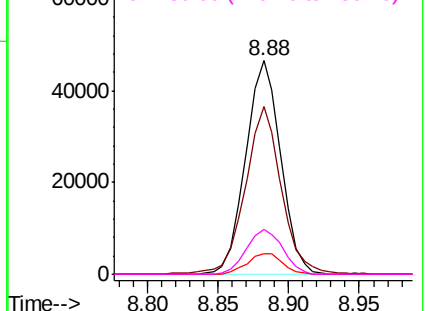
70 100

42 78.8 53.9 80.9

101 9.7 8.2 12.2

130 20.8 18.2 27.4

Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 53.330 ng

RT: 8.84 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Tgt Ion: 107 Resp: 128478

Ion Ratio Lower Upper

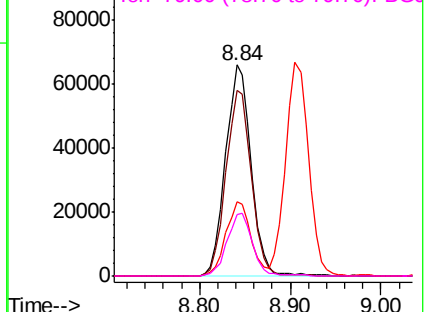
107 100

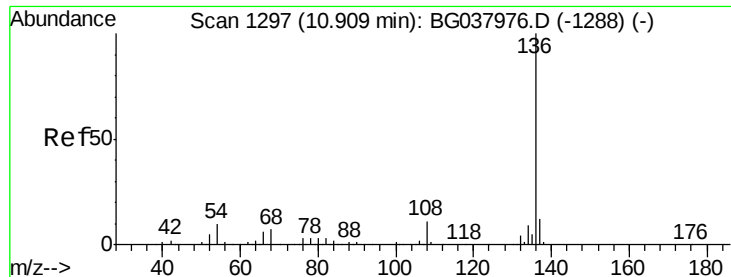
108 87.9 69.9 109.9

77 35.2 11.2 51.2

79 29.3 6.6 46.6

Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

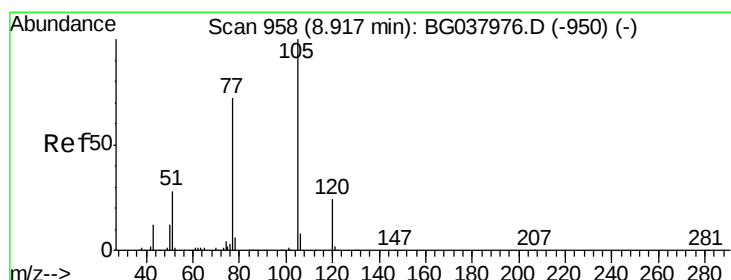
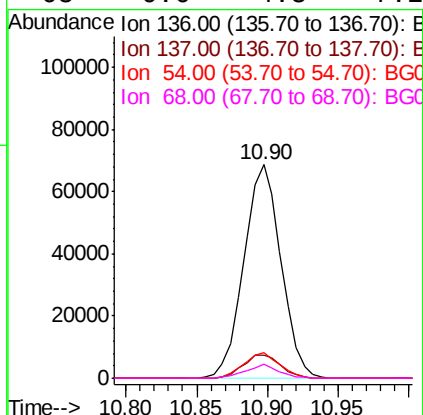
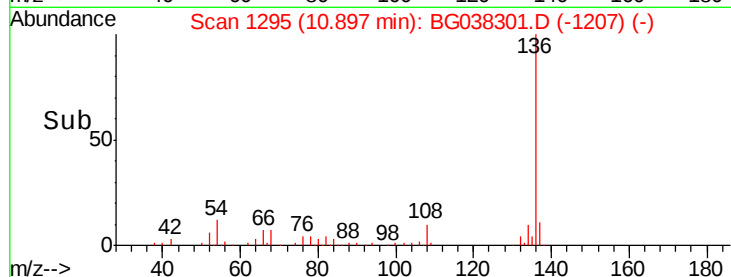
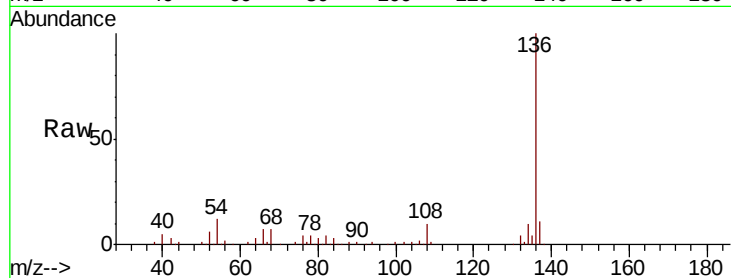




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

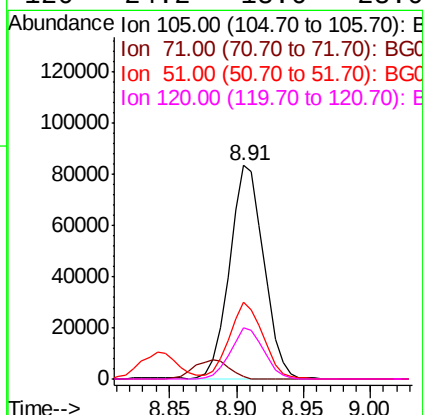
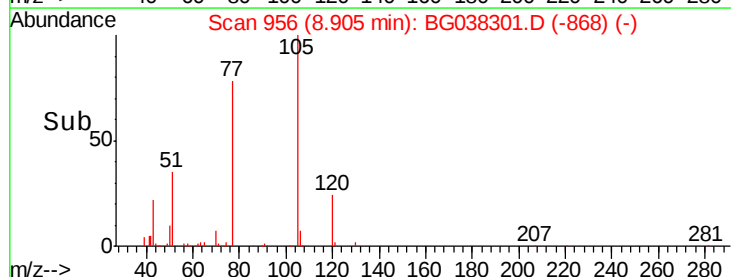
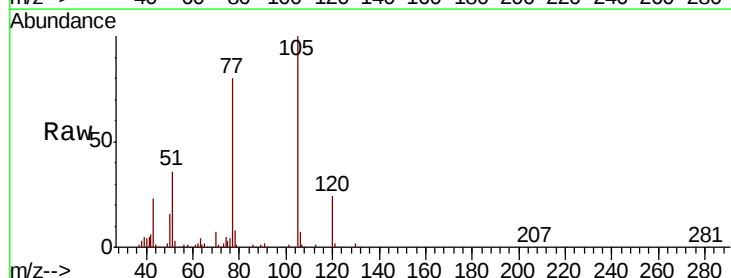
Instrument :
BNA_G
ClientSampleId :
PB115183BS

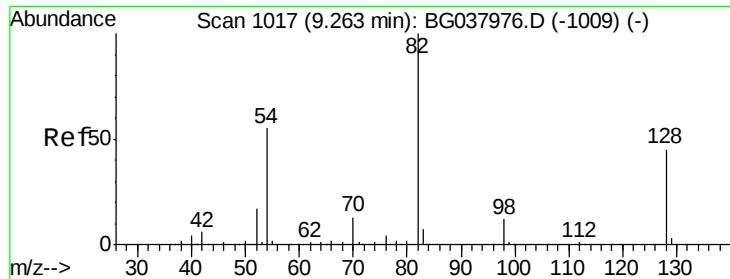
Tot Ion:136	Resp:	126129
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.6 14.4
54	11.9	7.9 11.9#
68	6.6	4.8 7.2



#22
Acetophenone
Concen: 47.429 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Tgt Ion:105	Resp:	148840
Ion Ratio	Lower	Upper
105	100	
71	1.1	1.2 1.8#
51	35.9	25.0 37.6
120	24.2	18.6 28.0

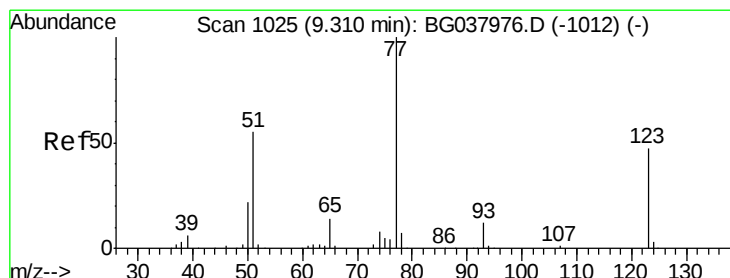
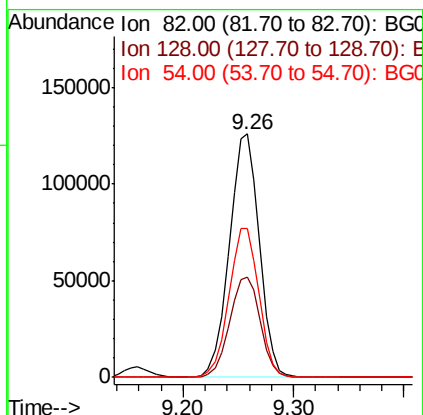
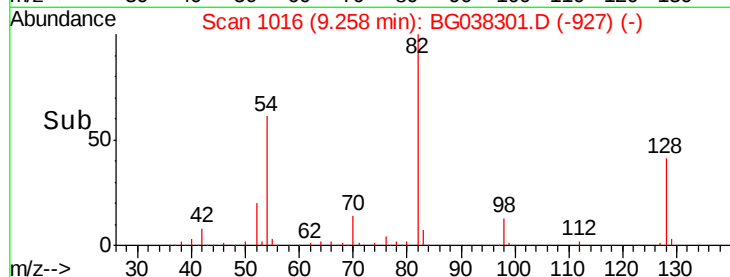
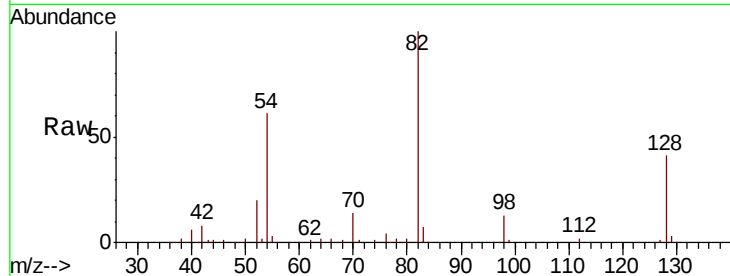




#23
Nitrobenzene-d5
Concen: 101.648 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

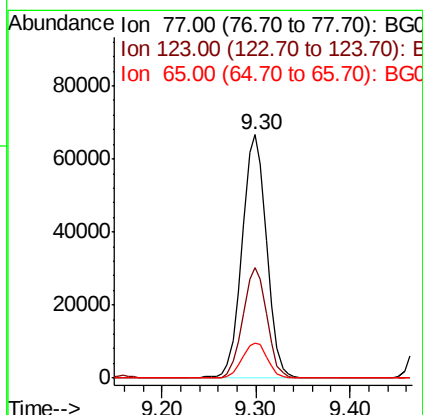
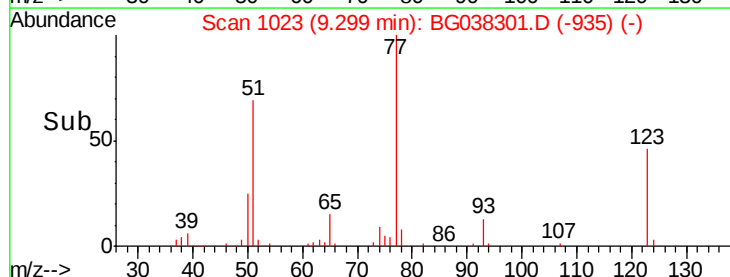
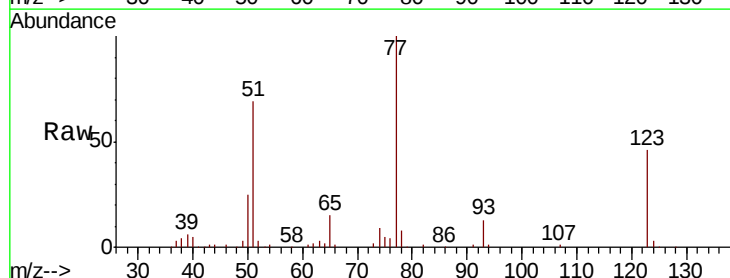
Instrument :
BNA_G
ClientSampleId :
PB115183BS

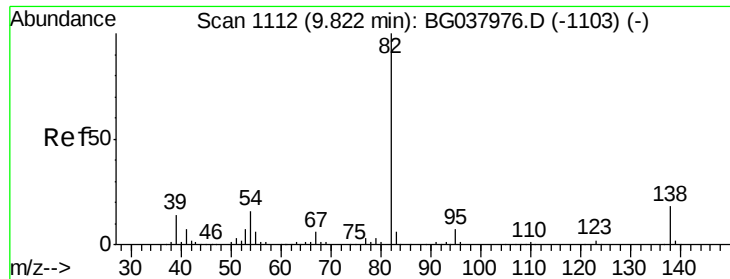
Tot Ion: 82 Resp: 239504
Ion Ratio Lower Upper
82 100
128 41.0 34.6 51.8
54 60.9 45.3 67.9



#24
Nitrobenzene
Concen: 49.719 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Tgt Ion: 77 Resp: 119839
Ion Ratio Lower Upper
77 100
123 45.5 33.6 50.4
65 14.6 11.3 16.9





#25

Isophorone

Concen: 54.058 ng

RT: 9.81 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

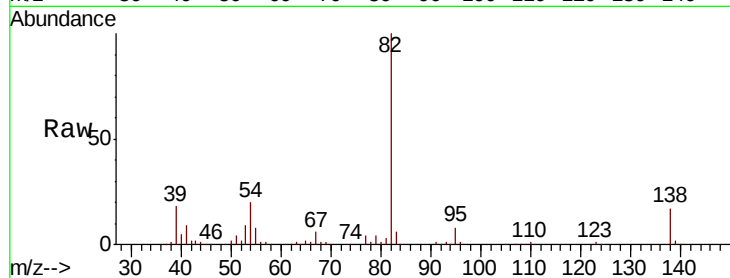
Tot Ion: 82 Resp: 229256

Ion Ratio Lower Upper

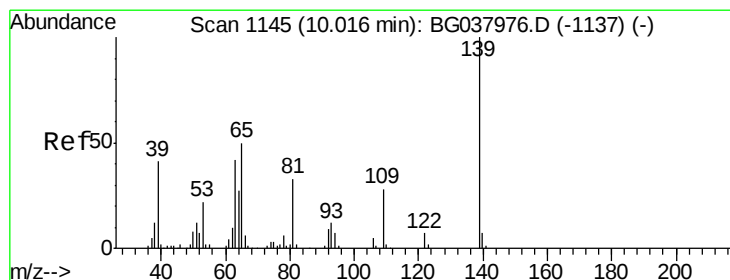
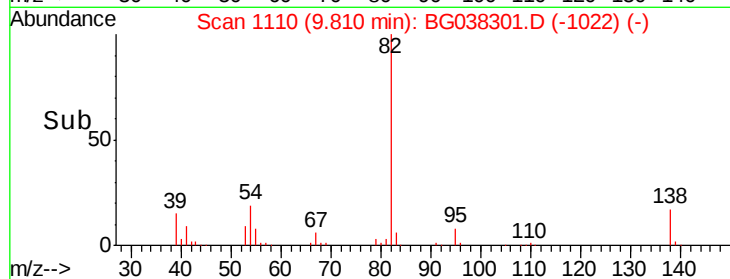
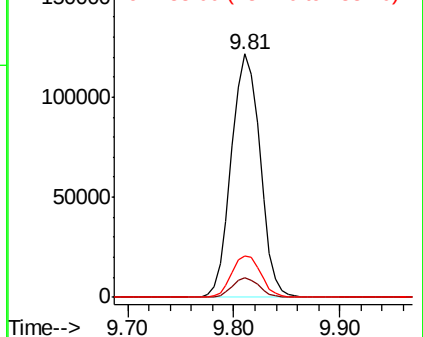
82 100

95 7.8 5.3 7.9

138 17.1 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: 48.937 ng

RT: 10.01 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

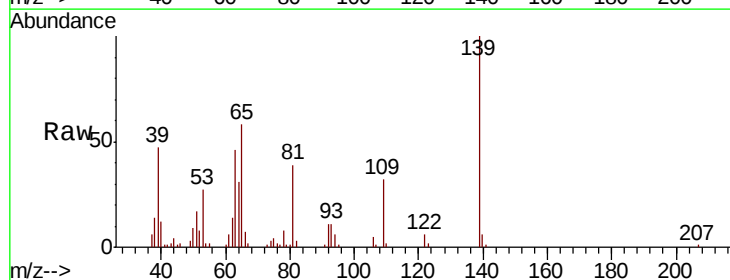
Tgt Ion: 139 Resp: 58886

Ion Ratio Lower Upper

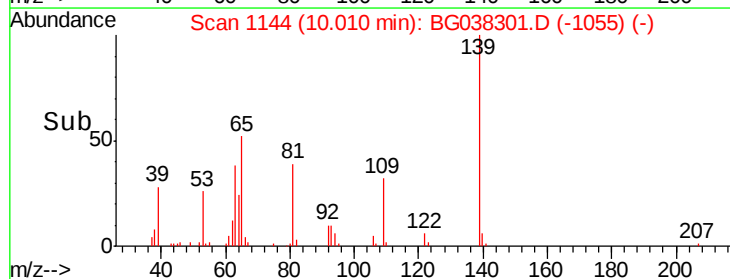
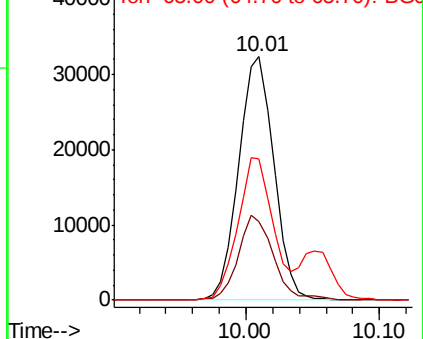
139 100

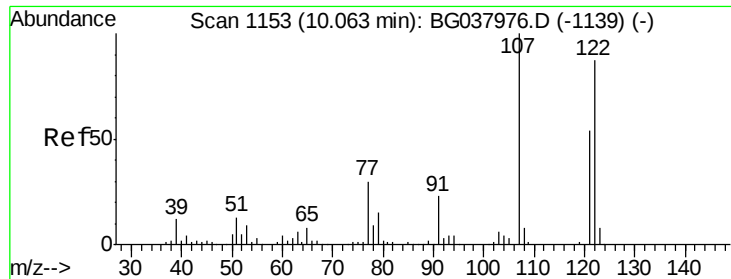
109 32.3 23.3 34.9

65 57.8 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

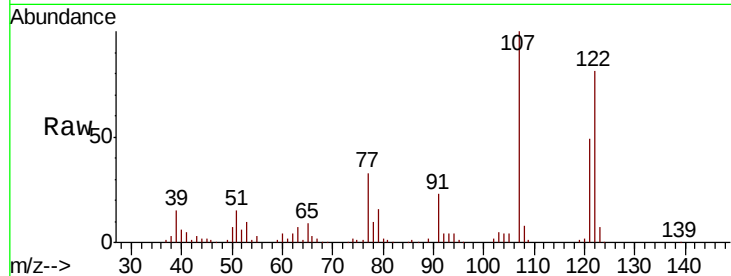




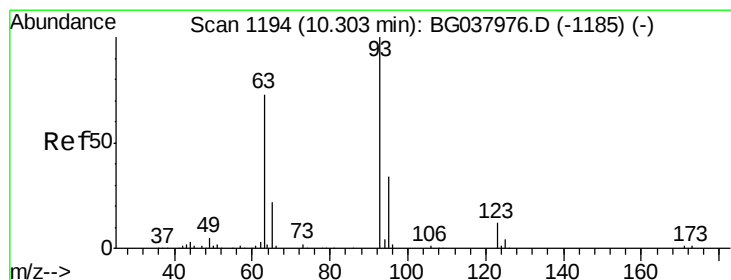
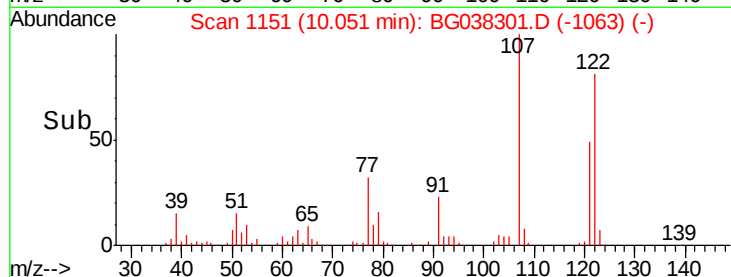
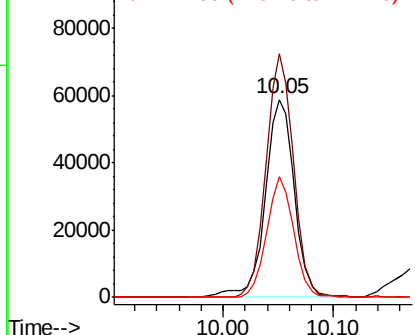
#27
2,4-Dimethylphenol
Concen: 59.785 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Instrument :
BNA_G
ClientSampleId :
PB115183BS

Tot Ion:122 Resp: 108389
Ion Ratio Lower Upper
122 100
107 122.9 94.2 141.2
121 60.7 47.3 70.9

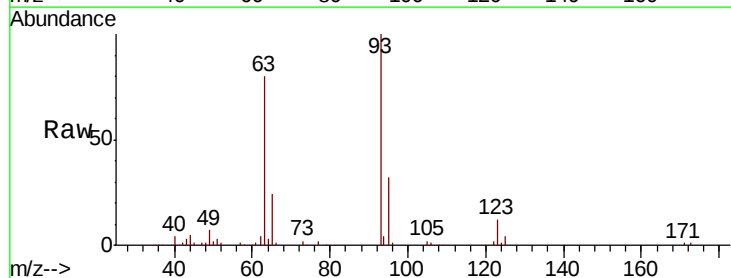


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

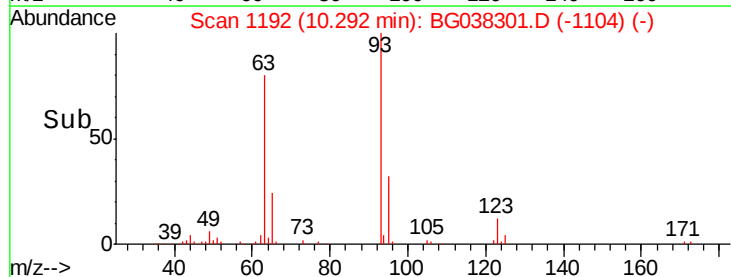
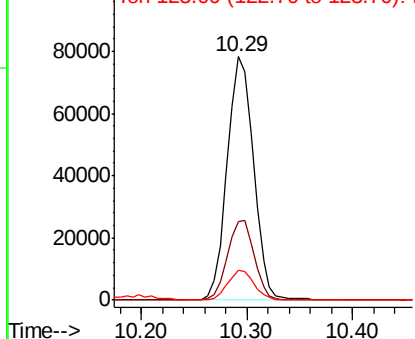


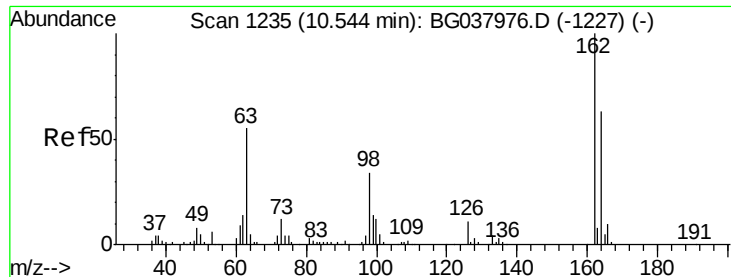
#28
bis(2-Chloroethoxy)methane
Concen: 49.803 ng
RT: 10.29 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Tgt Ion: 93 Resp: 135059
Ion Ratio Lower Upper
93 100
95 32.2 24.6 37.0
123 12.2 9.1 13.7



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

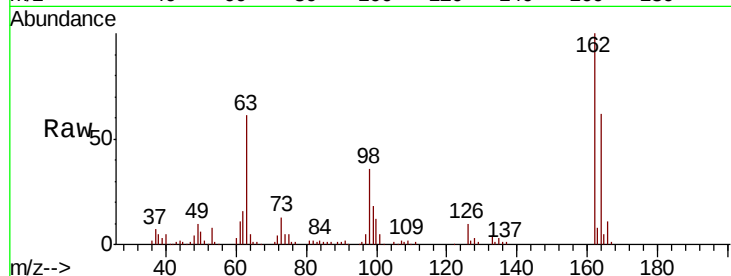




#29
 2,4-Dichlorophenol
 Concen: 53.212 ng
 RT: 10.54 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG038301.D
 Acq: 2 Dec 2018 00:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.2	83.2
98	36.3	16.0	56.0

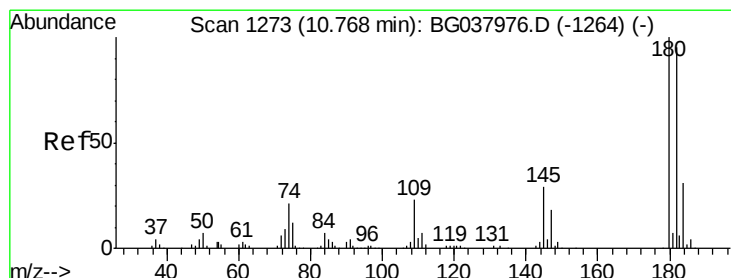
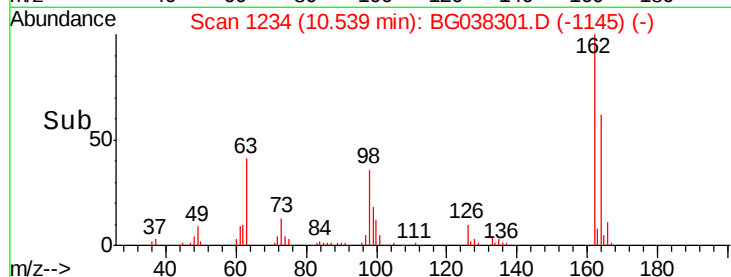
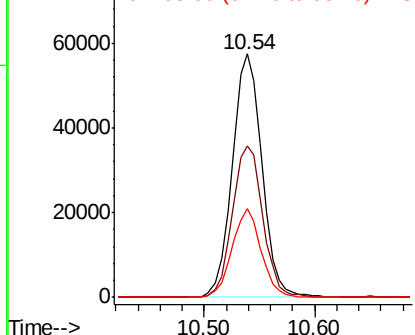


Abundance

Ion 162.00 (161.70 to 162.70): E

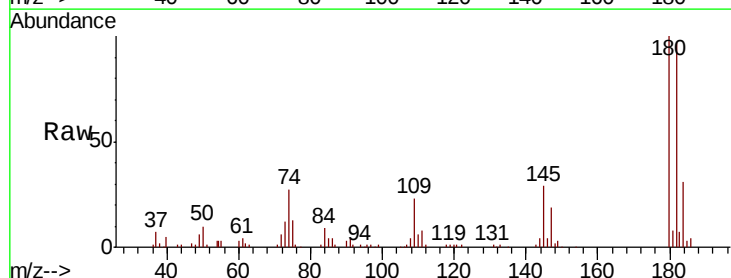
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 46.027 ng
 RT: 10.76 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BG038301.D
 Acq: 2 Dec 2018 00:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.7	116.5
145	28.6	23.3	34.9

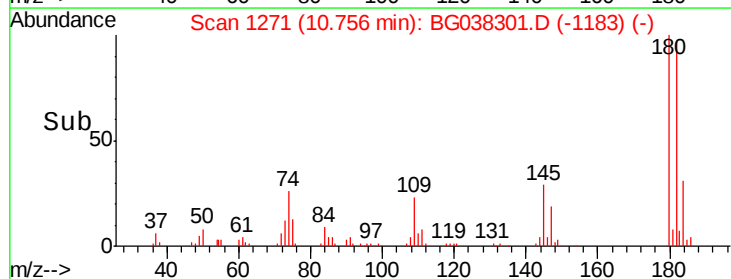
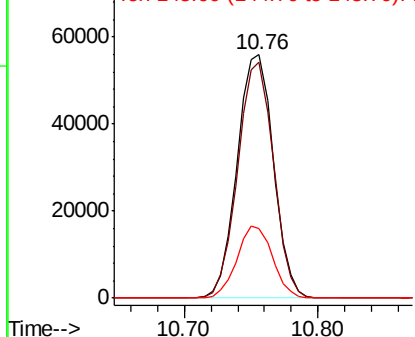


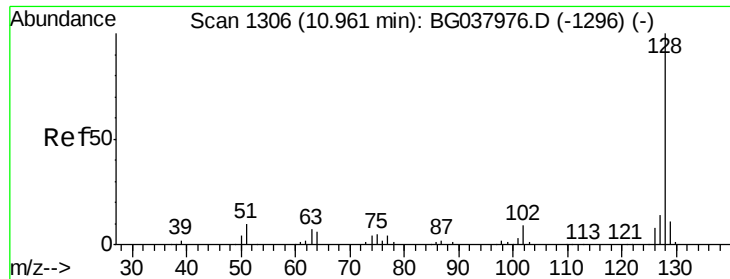
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

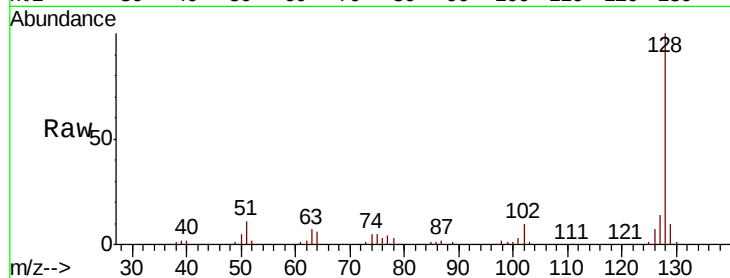




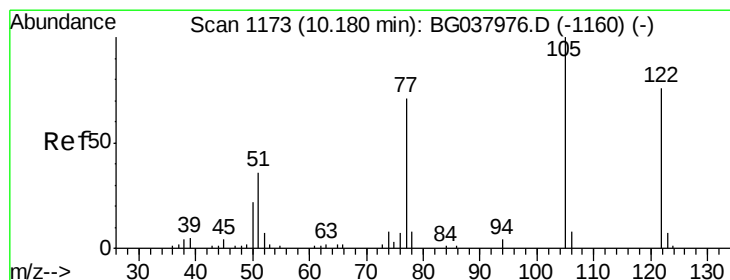
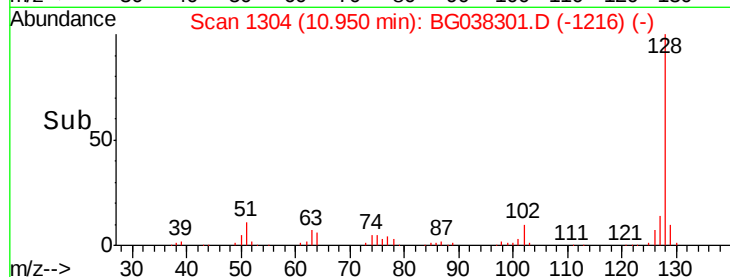
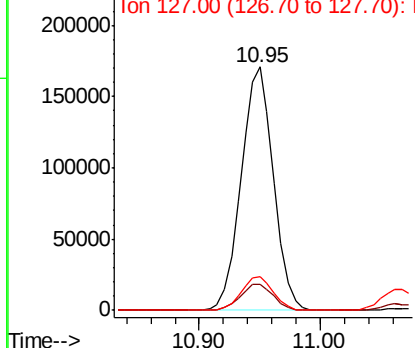
#31
Naphthalene
Concen: 50.948 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Instrument :
BNA_G
ClientSampleId :
PB115183BS

Tot Ion:128 Resp: 316063
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 13.7 11.1 16.7

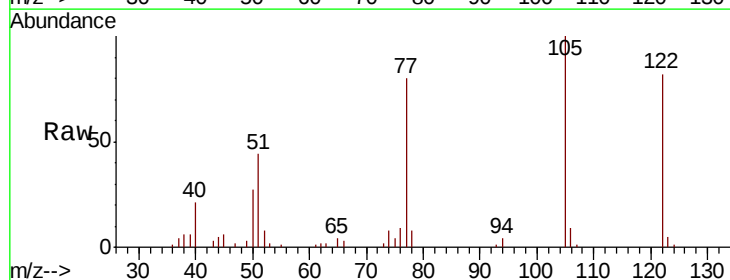


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

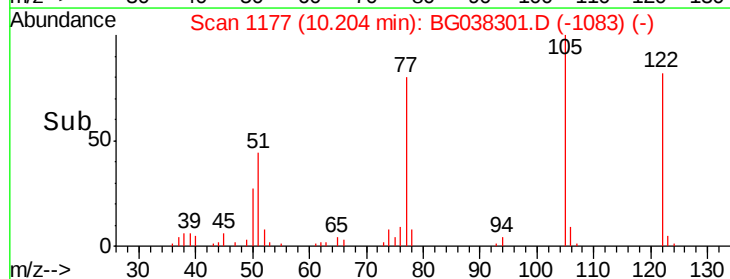
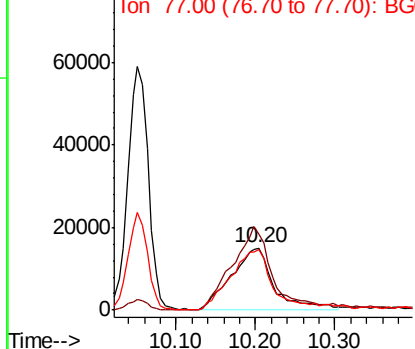


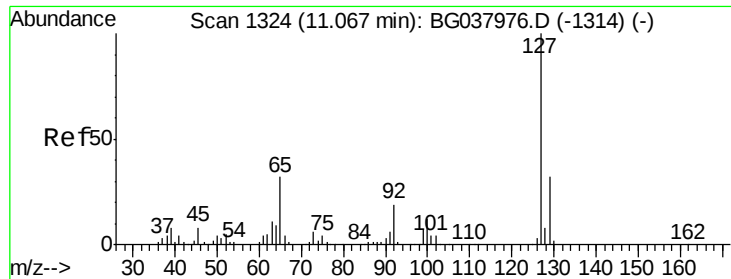
#32
Benzoic acid
Concen: 46.931 ng
RT: 10.20 min Scan# 1177
Delta R.T. 0.02 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Tgt Ion:122 Resp: 54355
Ion Ratio Lower Upper
122 100
105 121.7 106.7 146.7
77 97.5 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

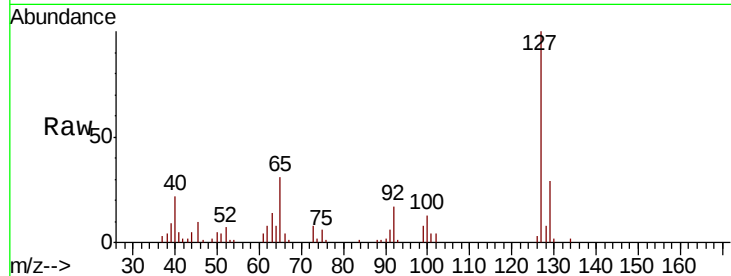




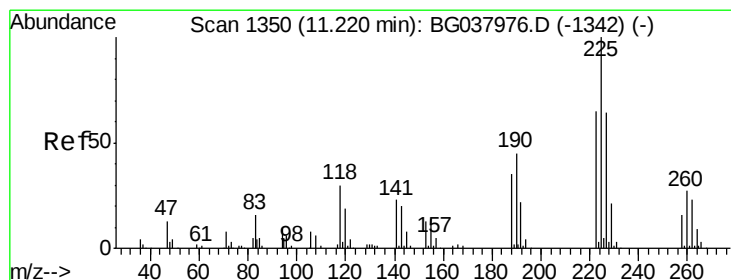
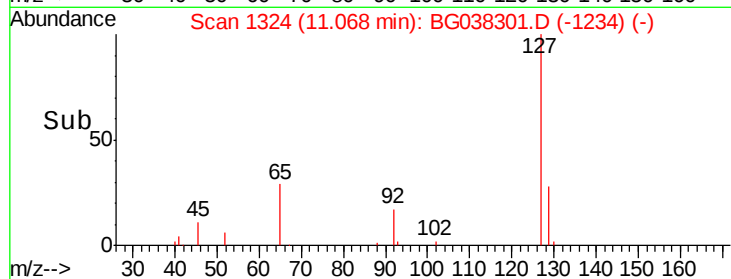
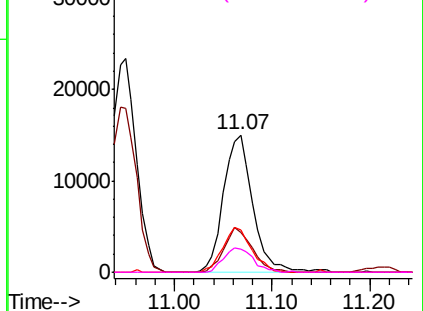
#33
4-Chloroaniline
Concen: 10.842 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Instrument :
BNA_G
ClientSampleId :
PB115183BS

Tot Ion:	127	Resp:	31288
Ion	Ratio	Lower	Upper
127	100		
129	28.8	27.1	40.7
65	30.9	26.6	39.8
92	17.2	16.4	24.6

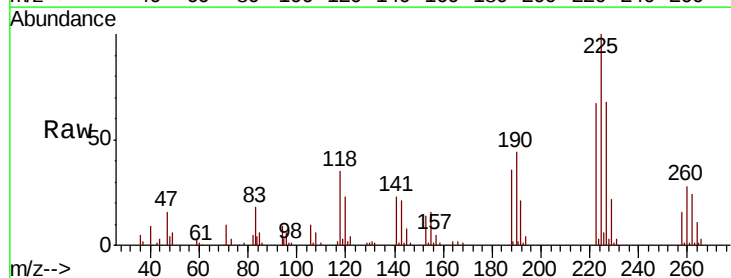


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

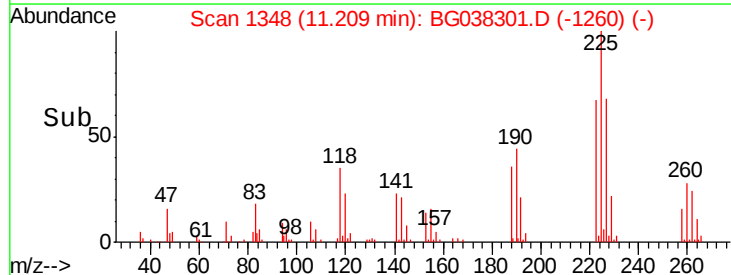
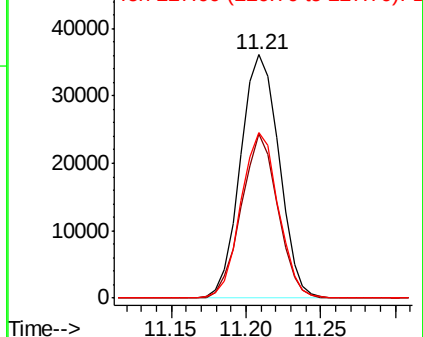


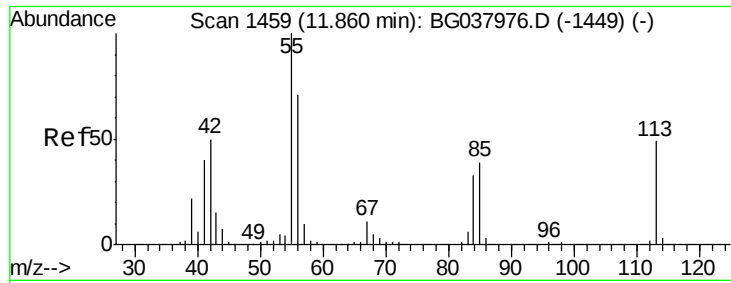
#34
Hexachlorobutadiene
Concen: 45.970 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Tgt Ion:	225	Resp:	64653
Ion	Ratio	Lower	Upper
225	100		
223	66.5	48.2	72.4
227	66.8	51.6	77.4



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





#35

Caprolactam

Concen: 29.709 ng

RT: 11.84 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

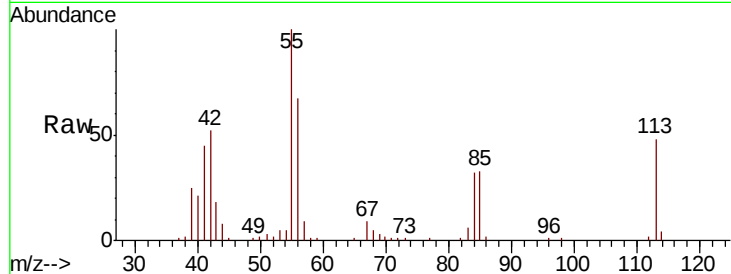
Tot Ion:113 Resp: 24250

Ion Ratio Lower Upper

113 100

55 207.6 176.6 216.6

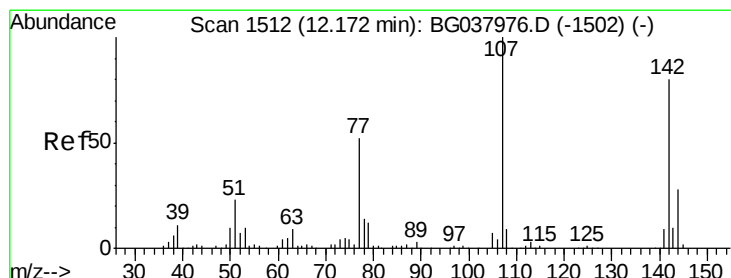
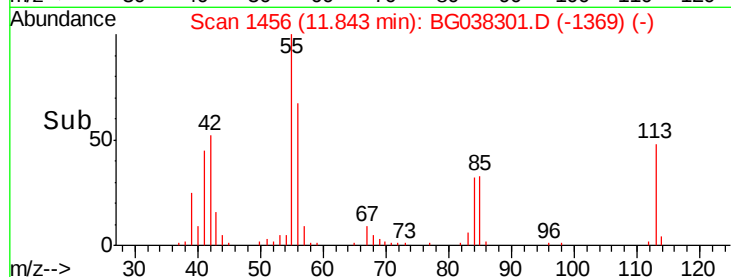
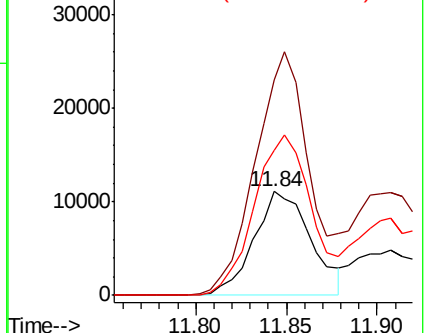
56 139.4 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 54.207 ng

RT: 12.17 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

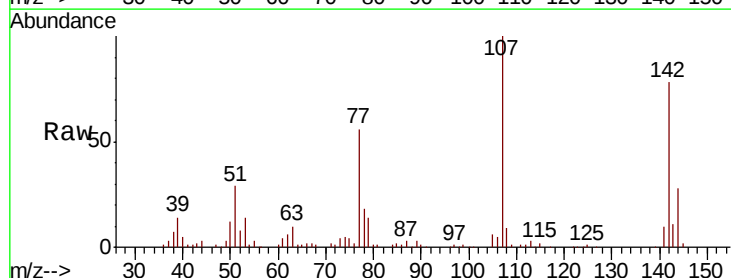
Tgt Ion:107 Resp: 120768

Ion Ratio Lower Upper

107 100

144 28.1 20.7 31.1

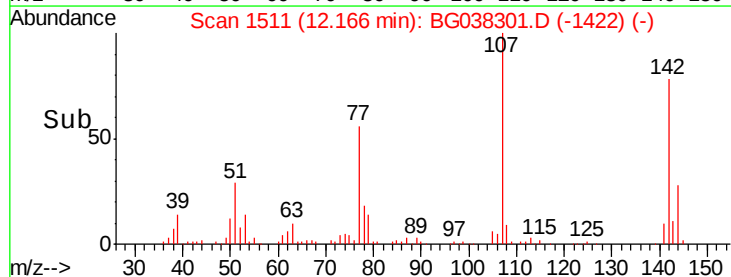
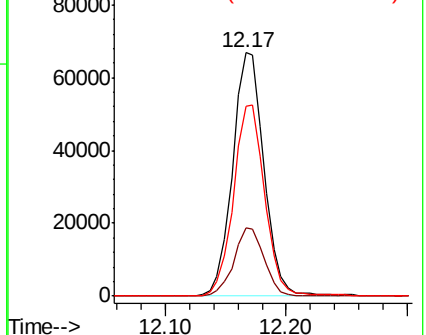
142 77.9 64.4 96.6

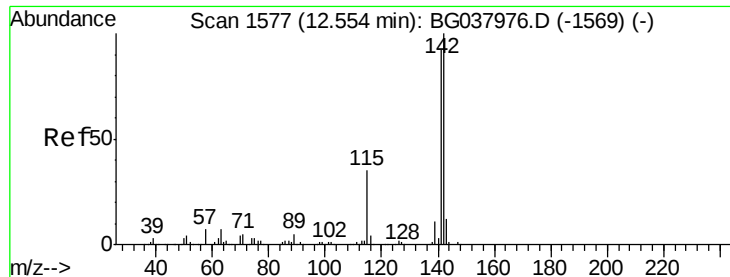


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

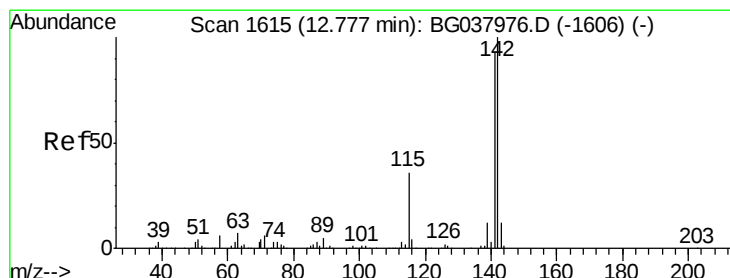
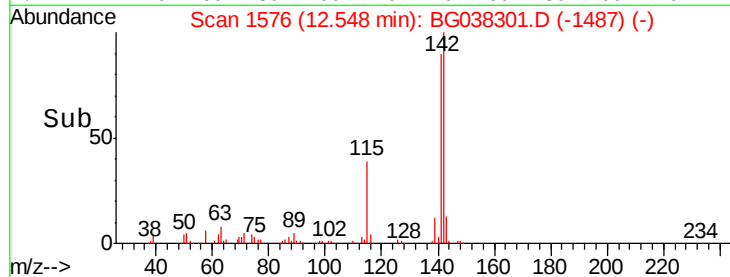
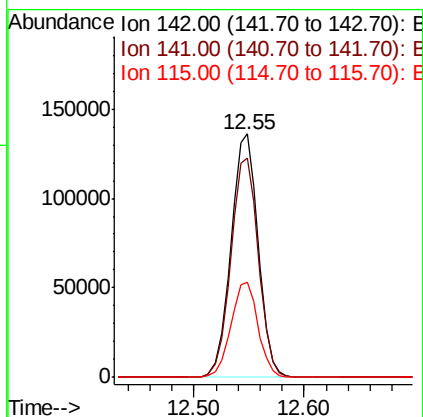
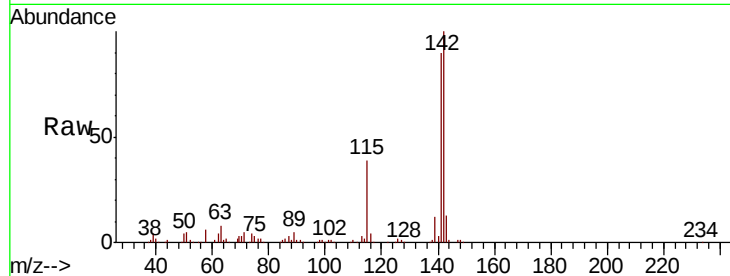




#37
 2-Methylnaphthalene
 Concen: 52.505 ng
 RT: 12.55 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BG038301.D
 Acq: 2 Dec 2018 00:05

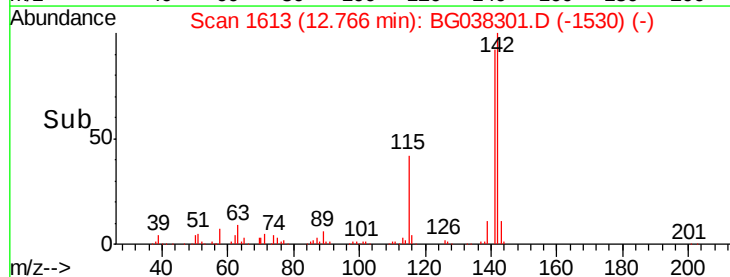
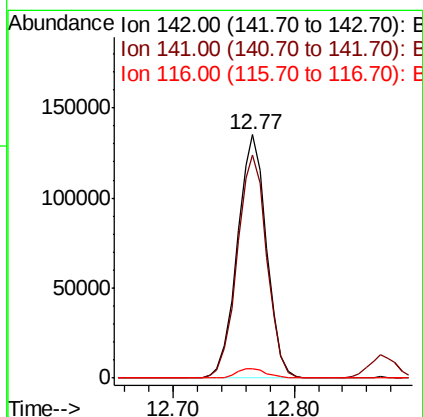
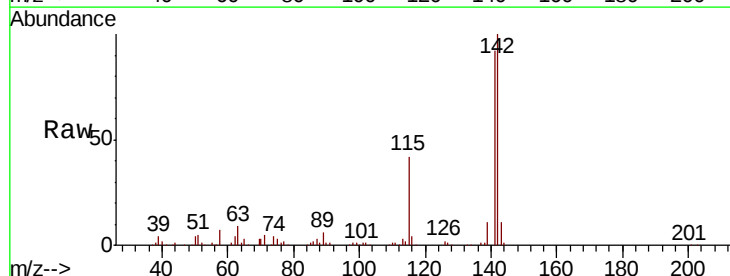
Instrument :
 BNA_G
 ClientSampleId :
 PB115183BS

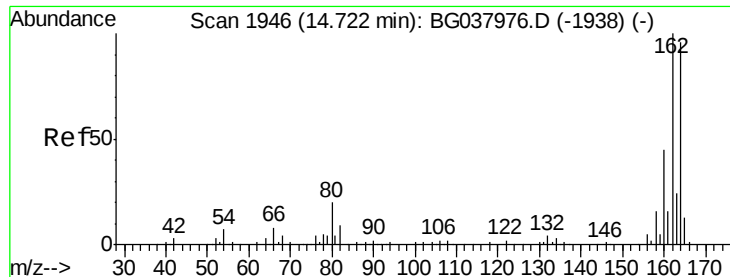
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.9	107.9
115	39.2	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 52.988 ng
 RT: 12.77 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BG038301.D
 Acq: 2 Dec 2018 00:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	75.2	112.8
116	3.9	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

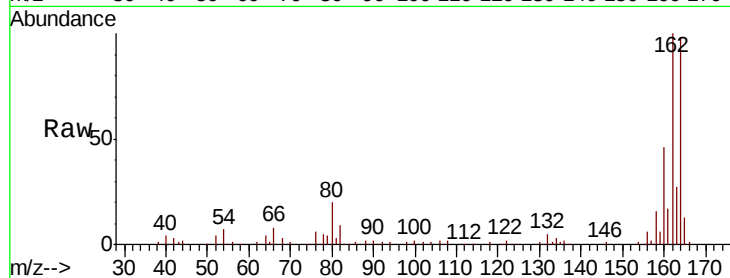
Tot Ion:164 Resp: 81490

Ion Ratio Lower Upper

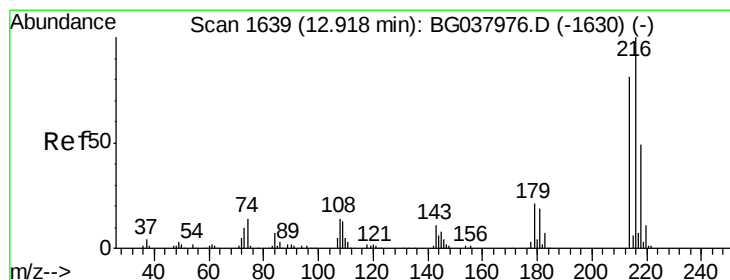
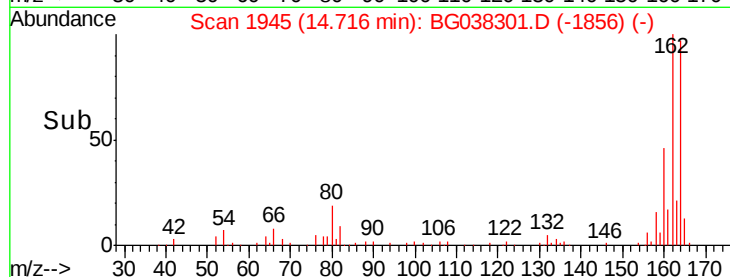
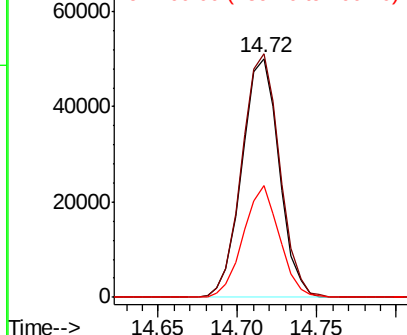
164 100

162 102.1 81.3 121.9

160 46.8 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: 46.024 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Tgt Ion:216 Resp: 125325

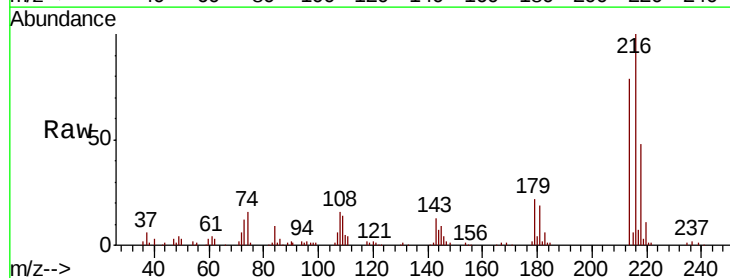
Ion Ratio Lower Upper

216 100

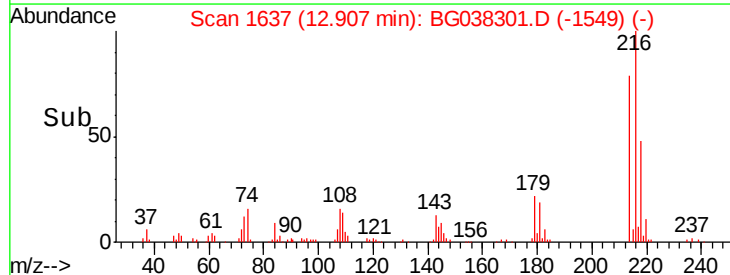
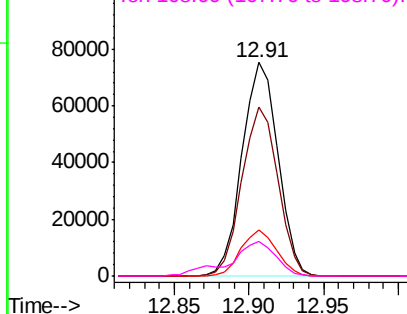
214 79.2 63.8 95.6

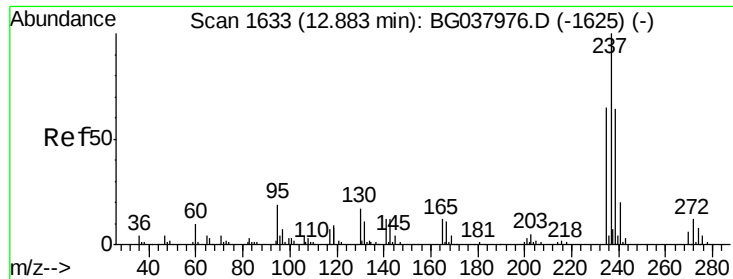
179 21.3 17.4 26.0

108 20.4 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: 115.772 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

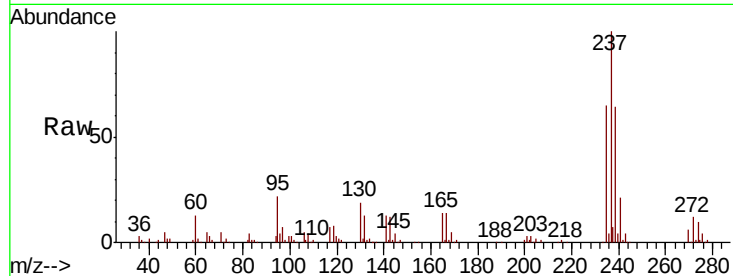
Tot Ion:237 Resp: 168809

Ion Ratio Lower Upper

237 100

235 65.0 42.5 82.5

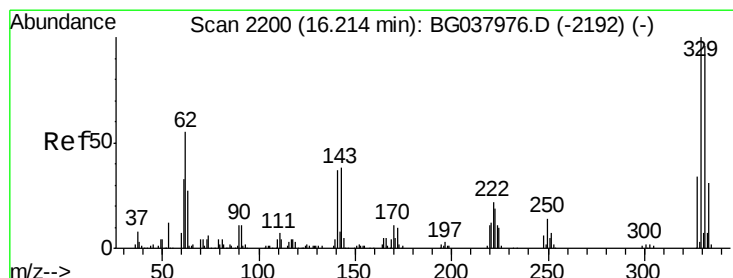
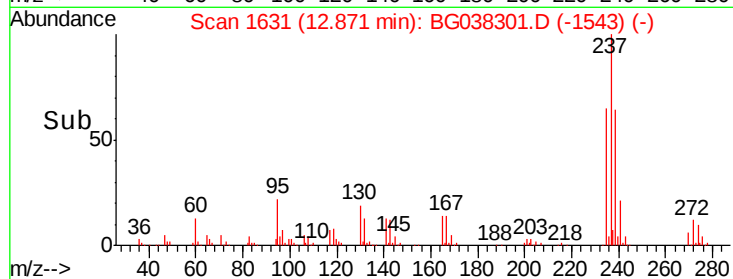
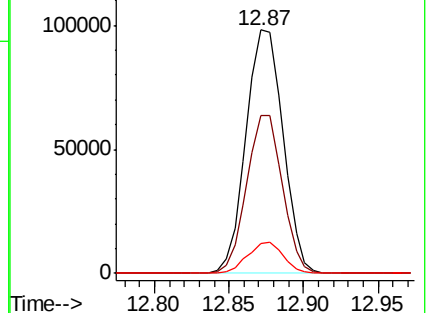
272 12.0 0.0 31.6



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: 113.863 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

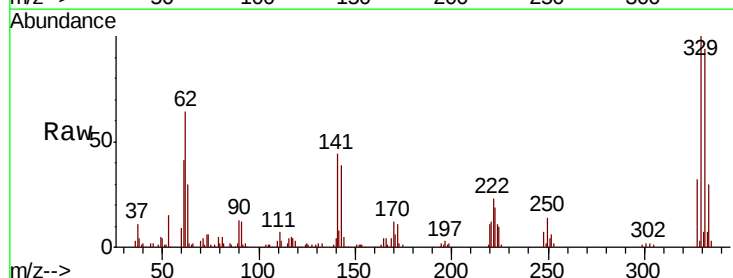
Tgt Ion:330 Resp: 105821

Ion Ratio Lower Upper

330 100

332 96.5 78.4 117.6

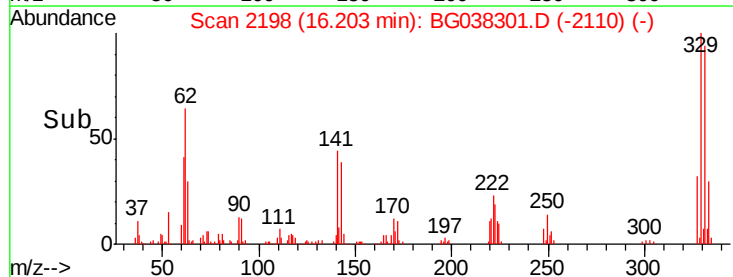
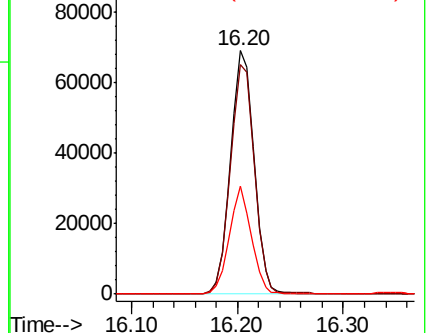
141 41.3 32.2 48.2

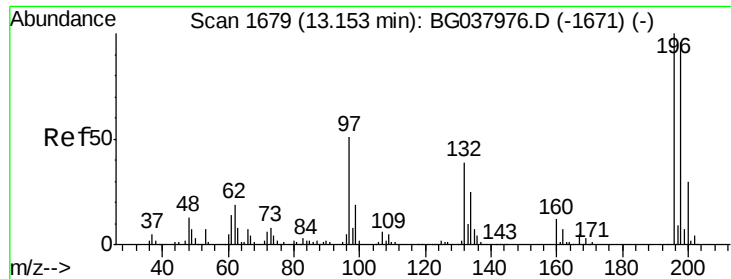


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

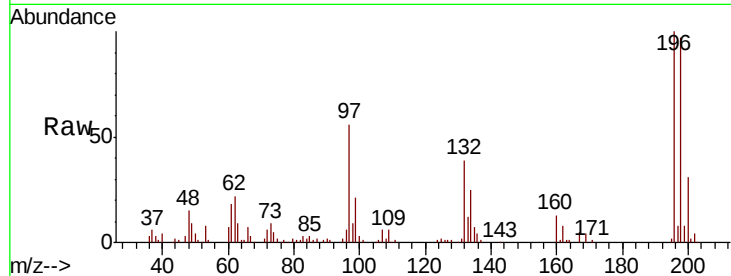




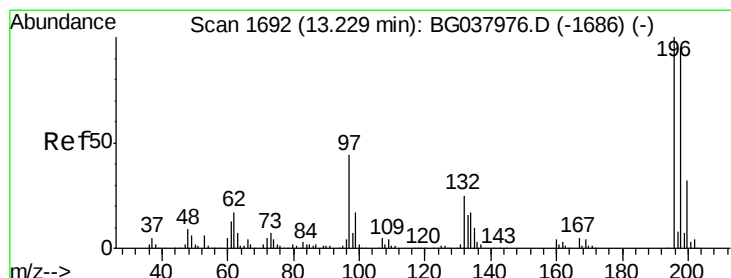
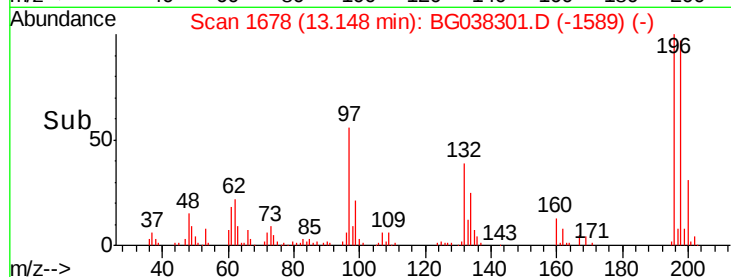
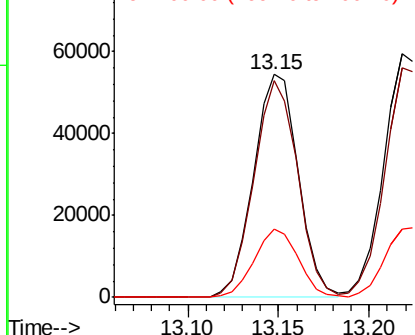
#43
 2,4,6-Trichlorophenol
 Concen: 50.257 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BG038301.D
 Acq: 2 Dec 2018 00:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BS

Tot Ion:196 Resp: 93255
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.4 114.6
 200 30.7 24.9 37.3



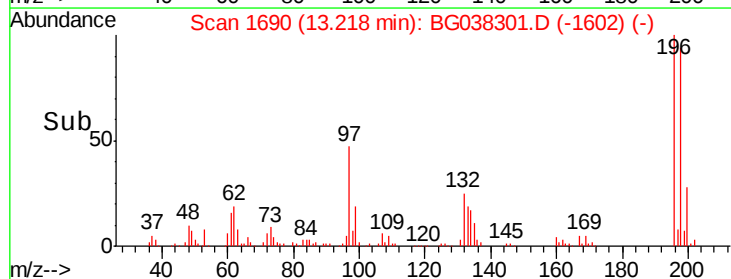
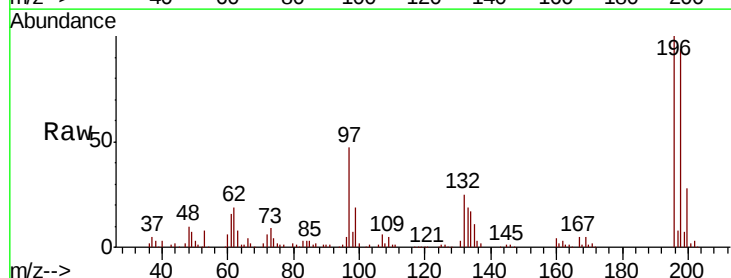
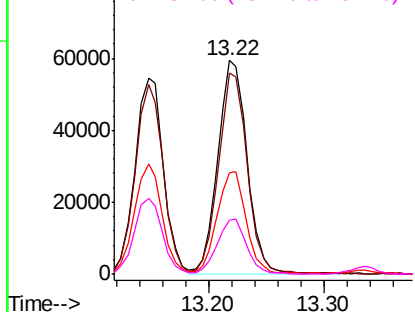
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

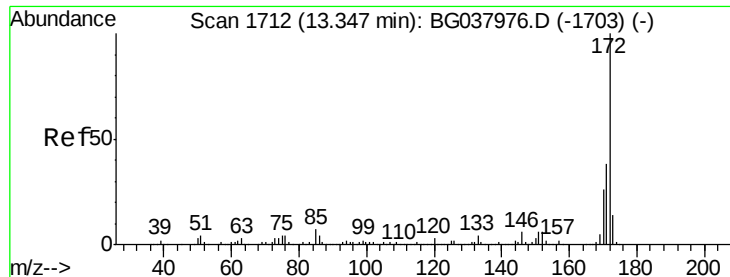


#44
 2,4,5-Trichlorophenol
 Concen: 53.538 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG038301.D
 Acq: 2 Dec 2018 00:05

Tgt Ion:196 Resp: 104527
 Ion Ratio Lower Upper
 196 100
 198 94.2 74.2 111.2
 97 47.2 34.1 51.1
 132 25.2 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

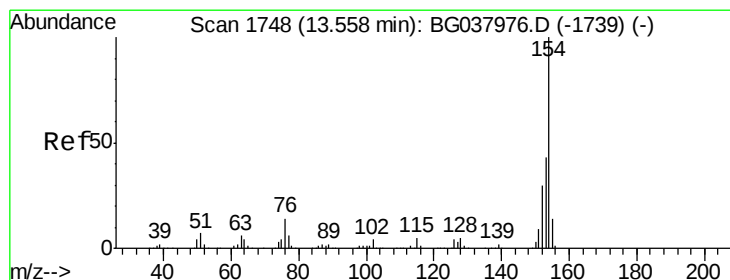
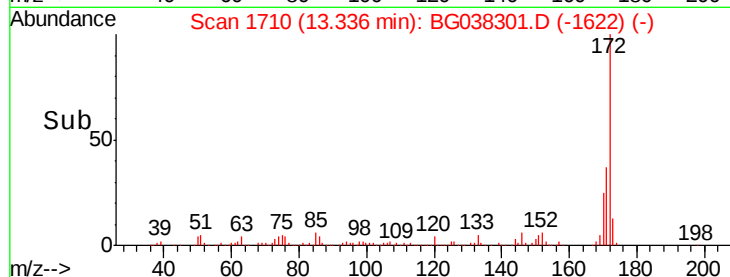
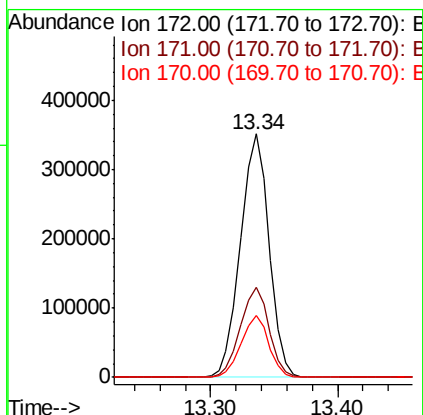
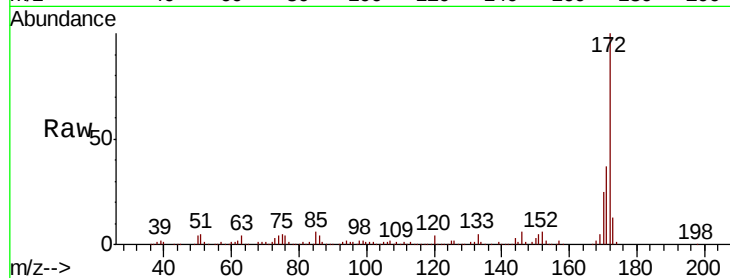




#45
2-Fluorobiphenyl
Concen: 98.262 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

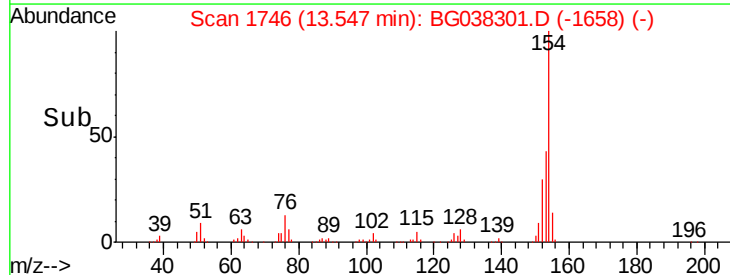
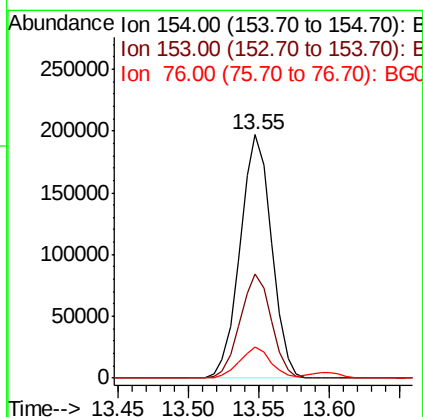
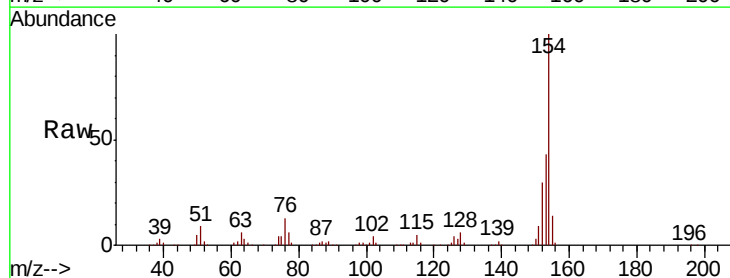
Instrument :
BNA_G
ClientSampleId :
PB115183BS

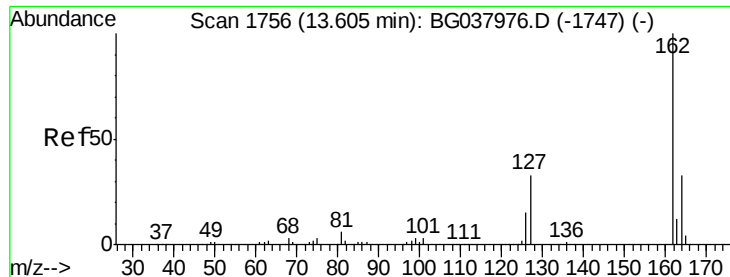
Tot Ion:172 Resp: 549638
Ion Ratio Lower Upper
172 100
171 36.8 31.0 46.4
170 25.3 20.2 30.2



#46
1,1'-Biphenyl
Concen: 44.813 ng
RT: 13.55 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Tgt Ion:154 Resp: 306790
Ion Ratio Lower Upper
154 100
153 42.8 22.1 62.1
76 12.9 0.0 33.2

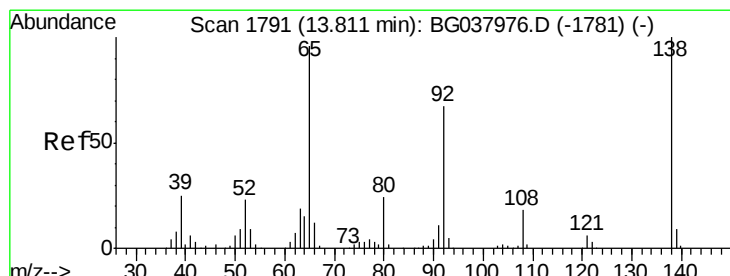
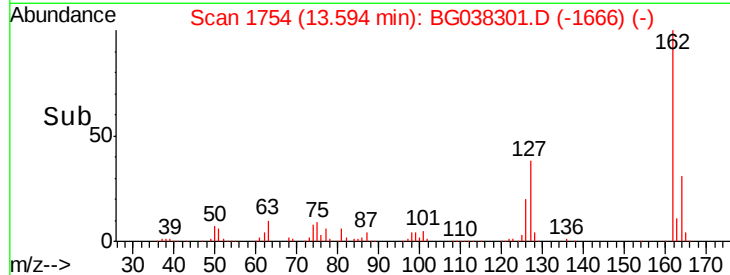
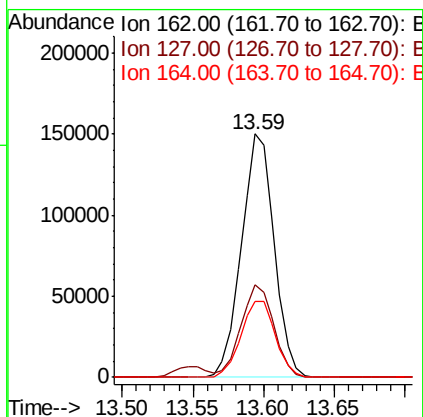
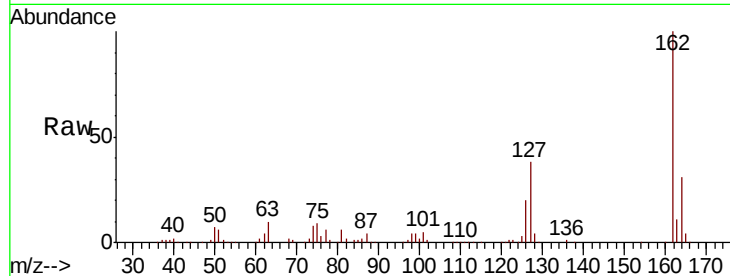




#47
 2-Chloronaphthalene
 Concen: 46.559 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BG038301.D
 Acq: 2 Dec 2018 00:05

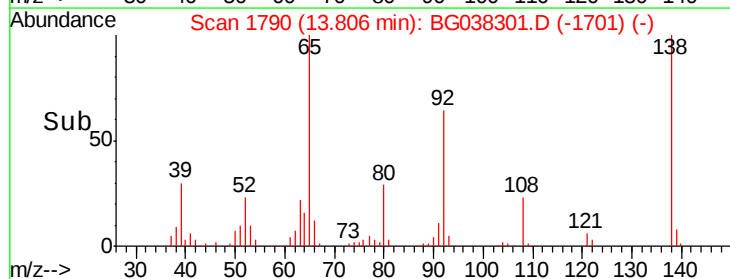
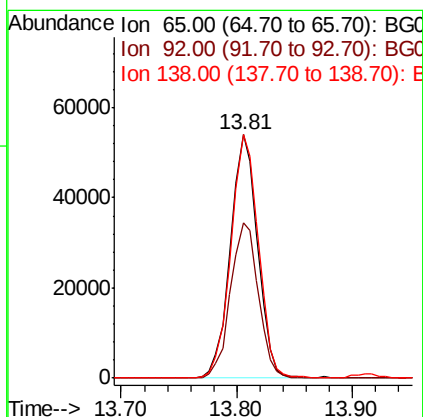
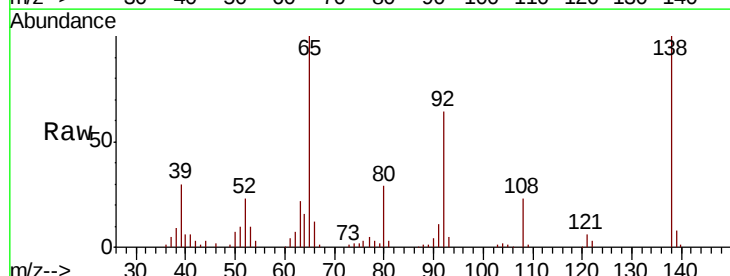
Instrument :
 BNA_G
 ClientSampleId :
 PB115183BS

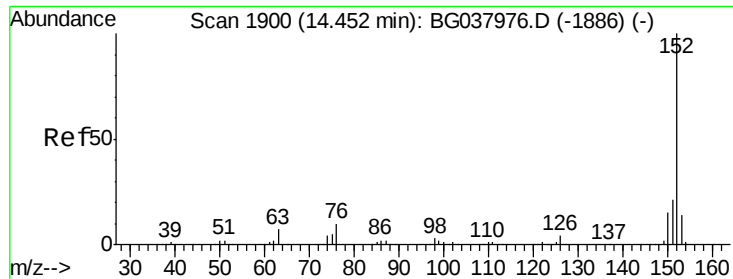
Tot Ion:162 Resp: 243228
 Ion Ratio Lower Upper
 162 100
 127 38.0 30.5 45.7
 164 31.4 26.4 39.6



#48
 2-Nitroaniline
 Concen: 53.477 ng
 RT: 13.81 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG038301.D
 Acq: 2 Dec 2018 00:05

Tgt Ion: 65 Resp: 87926
 Ion Ratio Lower Upper
 65 100
 92 63.5 53.2 79.8
 138 100.0 79.3 118.9





#49

Acenaphthylene

Concen: 52.101 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

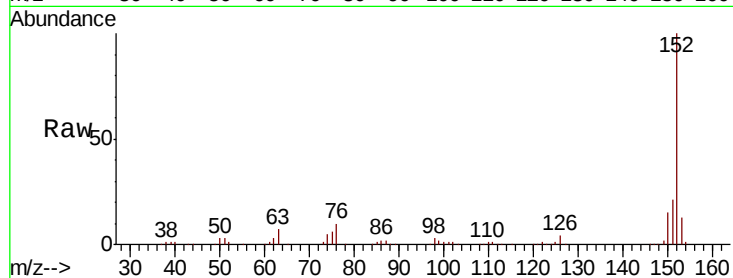
Tot Ion:152 Resp: 409305

Ion Ratio Lower Upper

152 100

151 21.3 17.1 25.7

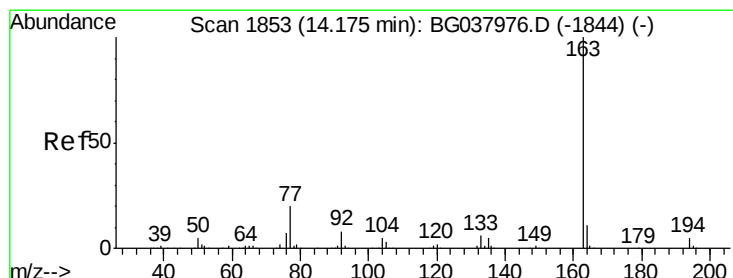
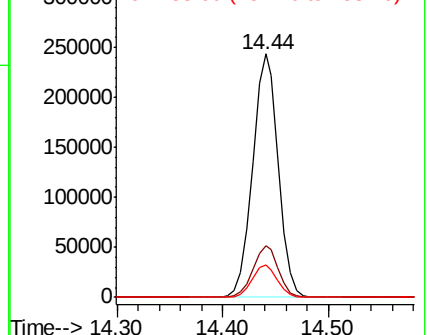
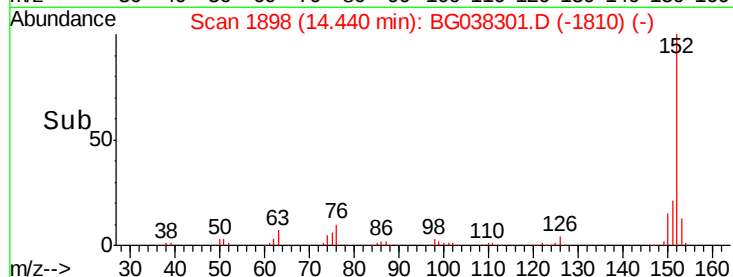
153 13.4 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 51.793 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

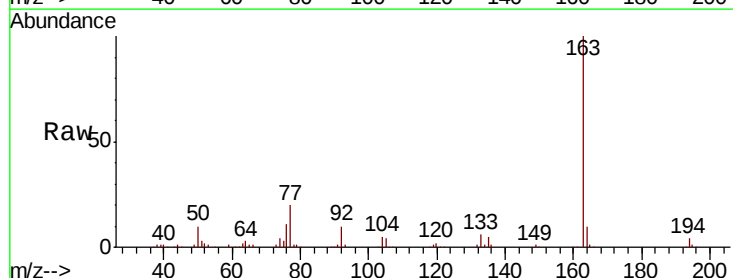
Tgt Ion:163 Resp: 334599

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

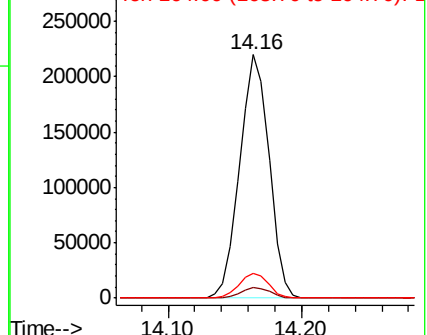
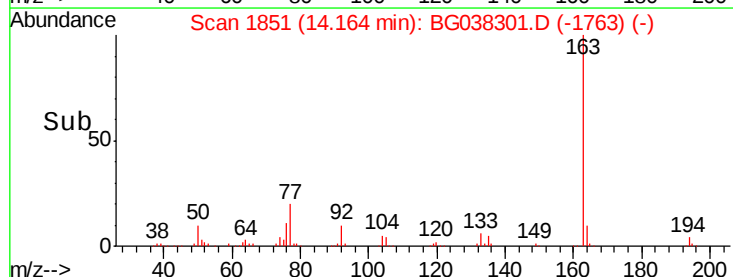
164 10.2 8.5 12.7

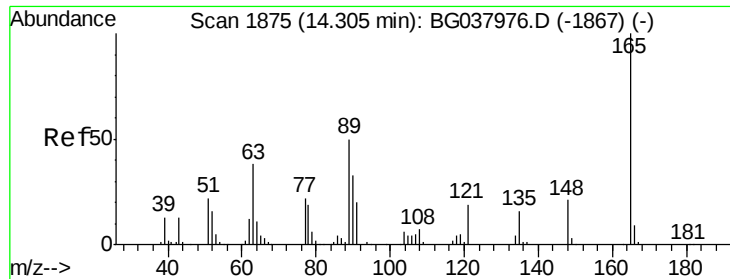


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

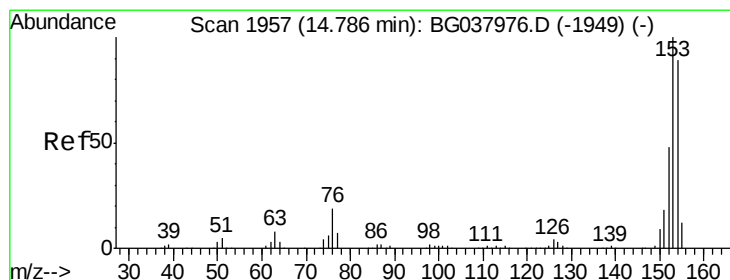
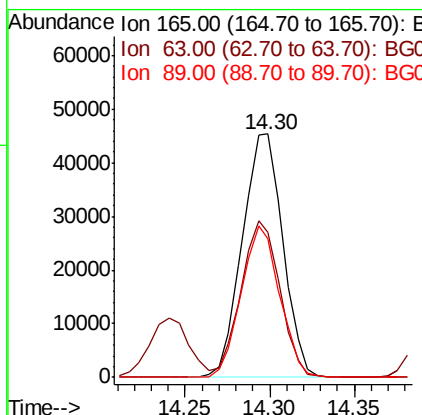
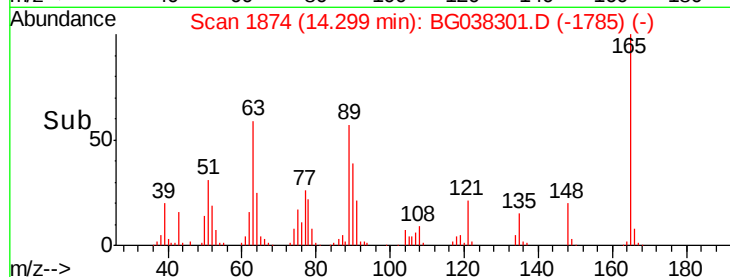
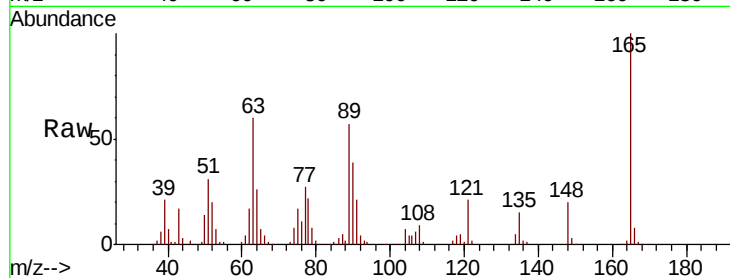




#51
2,6-Dinitrotoluene
Concen: 51.803 ng
RT: 14.30 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

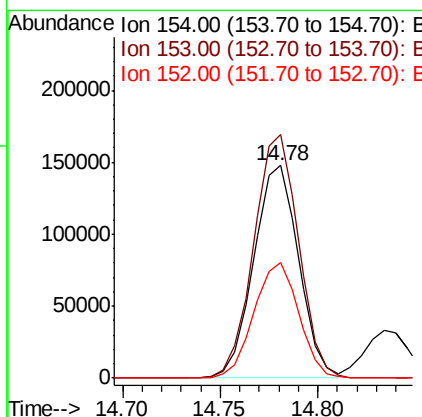
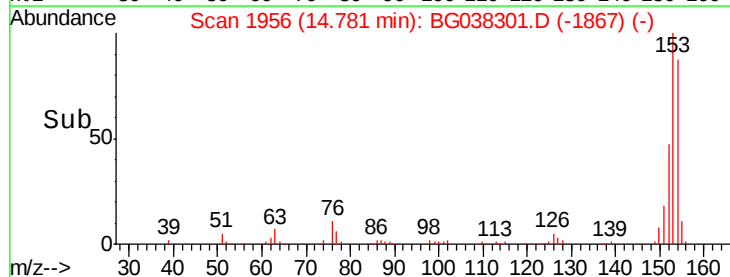
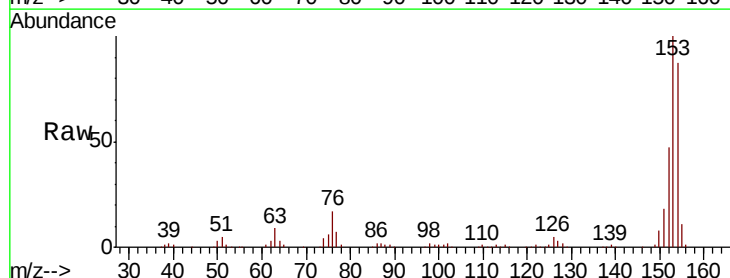
Instrument :
BNA_G
ClientSampleId :
PB115183BS

Tot Ion:165 Resp: 75743
Ion Ratio Lower Upper
165 100
63 59.6 43.4 65.2
89 56.9 45.8 68.6



#52
Acenaphthene
Concen: 49.885 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Tgt Ion:154 Resp: 235931
Ion Ratio Lower Upper
154 100
153 114.5 93.4 140.0
152 54.1 44.7 67.1





#53

3-Nitroaniline

Concen: 18.869 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

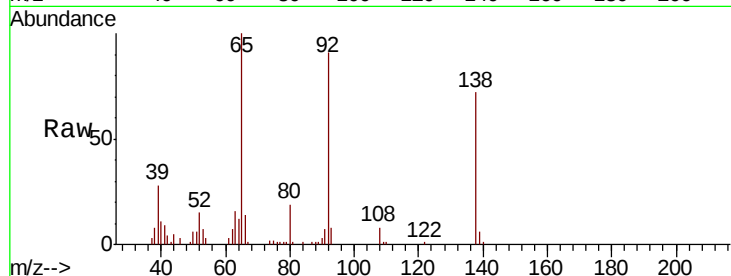
Tot Ion:138 Resp: 30443

Ion Ratio Lower Upper

138 100

108 10.5 11.0 16.6#

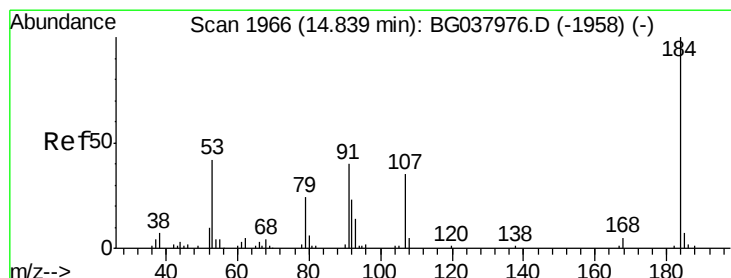
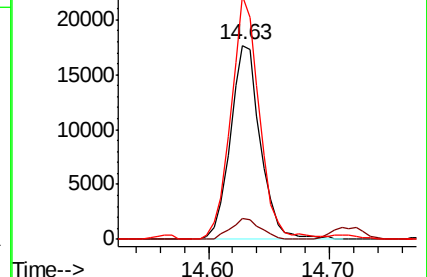
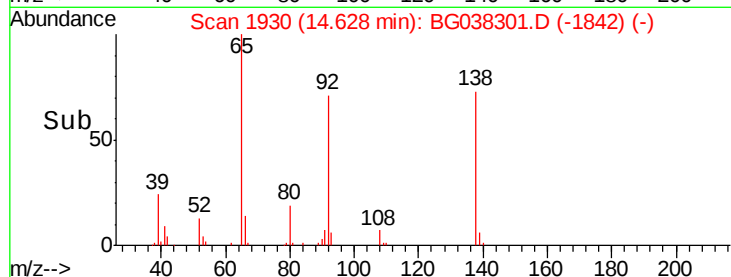
92 125.7 95.2 142.8



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: 109.638 ng

RT: 14.83 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

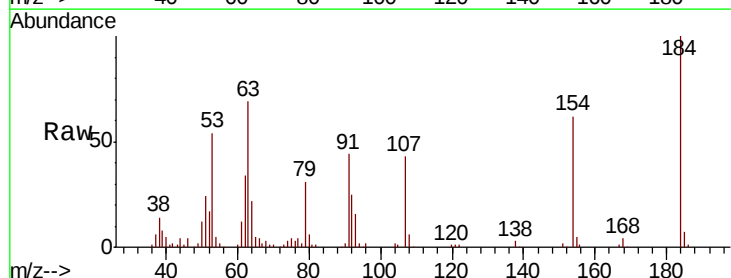
Tgt Ion:184 Resp: 89589

Ion Ratio Lower Upper

184 100

63 68.9 42.6 63.8#

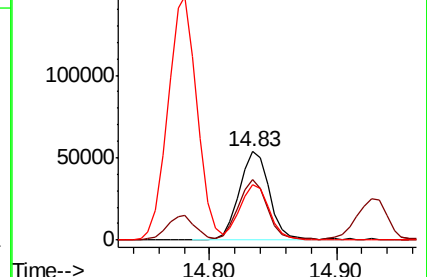
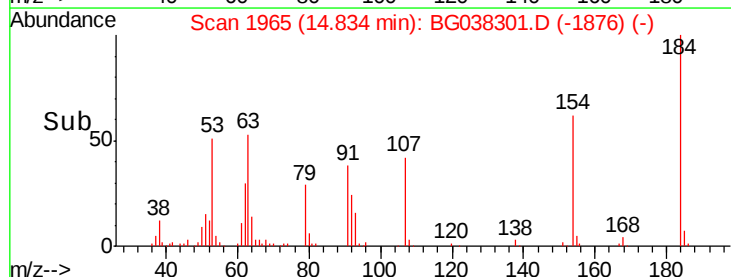
154 62.2 41.8 62.6

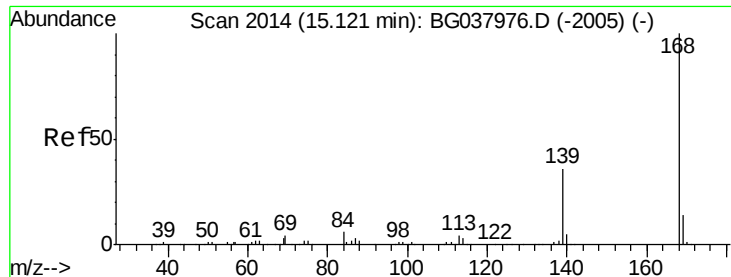


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

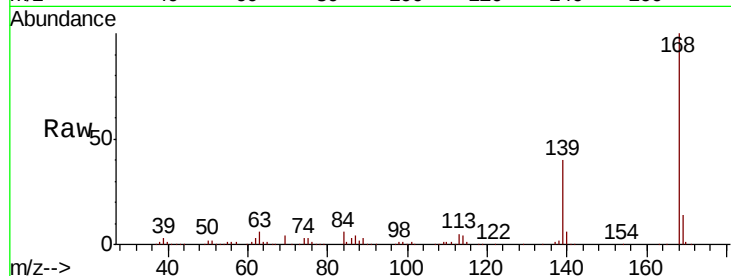




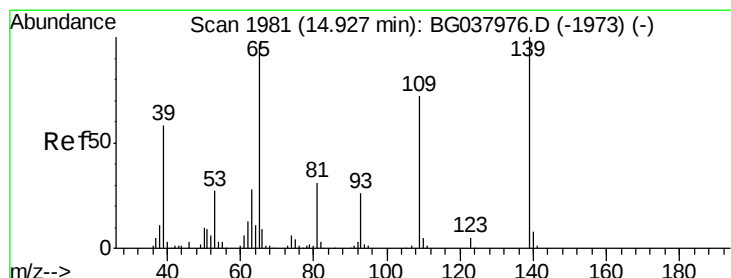
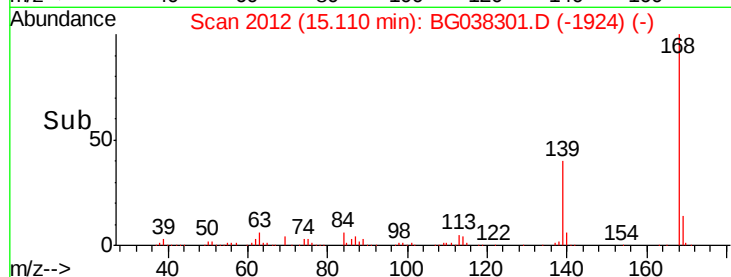
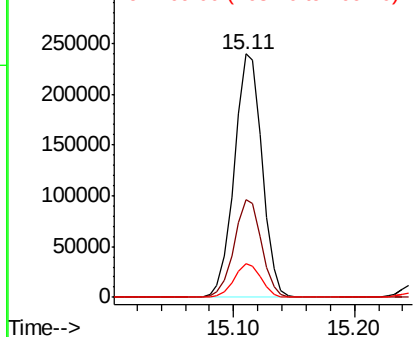
#55
Dibenzenofuran
Concen: 48.858 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Instrument :
BNA_G
ClientSampleId :
PB115183BS

Tot Ion:168 Resp: 382087
Ion Ratio Lower Upper
168 100
139 40.0 29.4 44.0
169 13.8 11.0 16.6

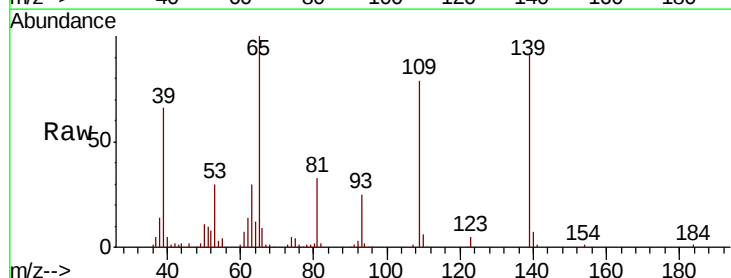


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

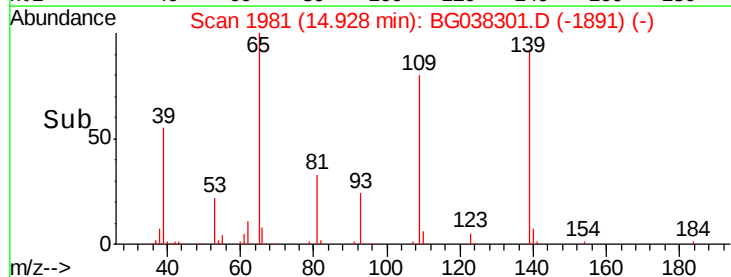
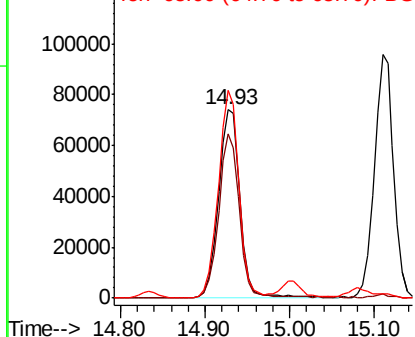


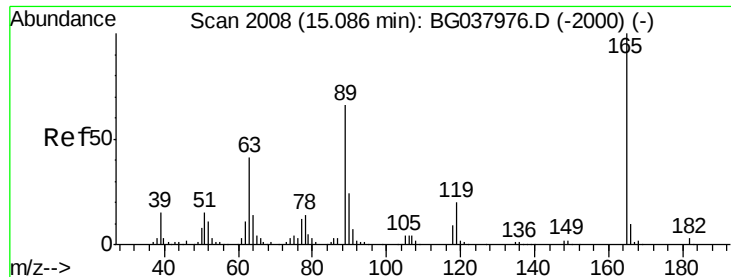
#56
4-Nitrophenol
Concen: 106.162 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Tgt Ion:139 Resp: 132103
Ion Ratio Lower Upper
139 100
109 86.9 49.5 89.5
65 110.4 76.8 116.8



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

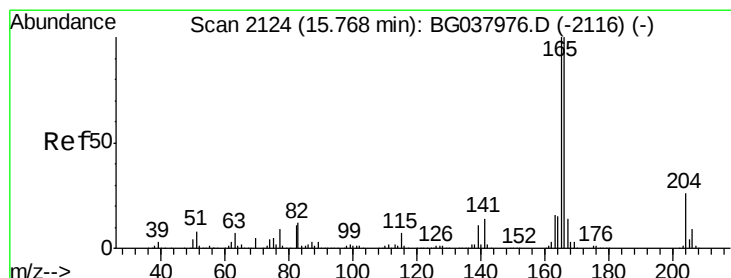
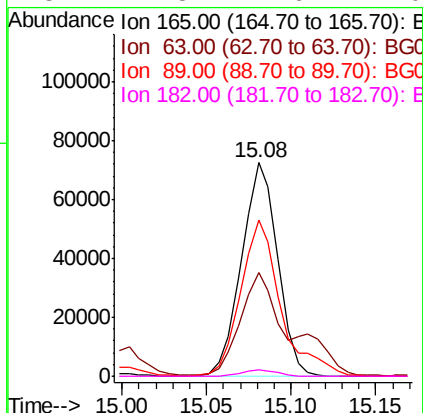
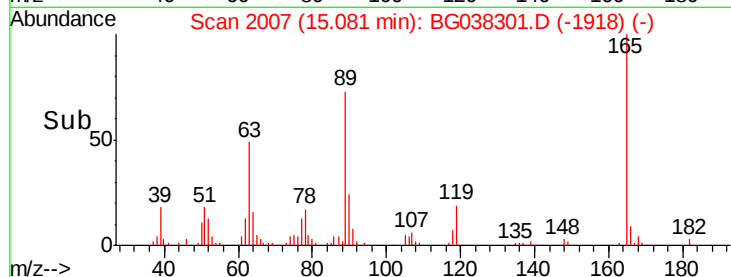
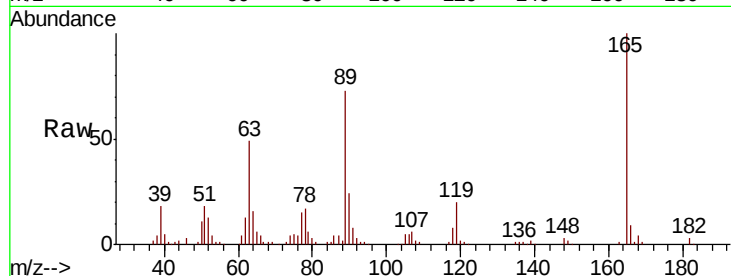




#57
2,4-Dinitrotoluene
Concen: 54.218 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

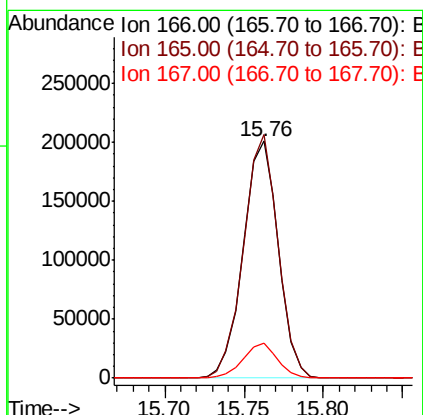
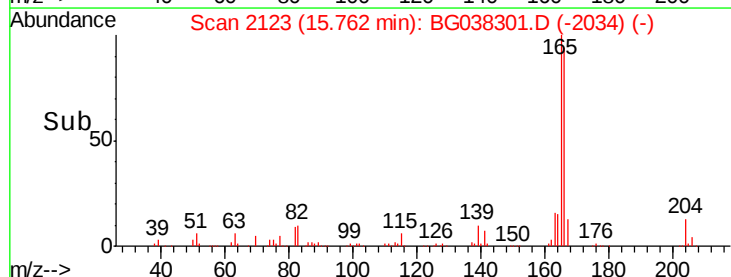
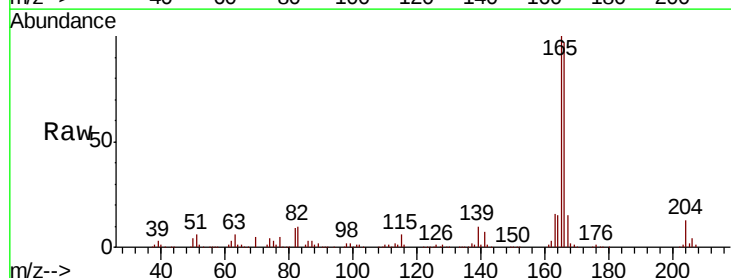
Instrument :
BNA_G
ClientSampleId :
PB115183BS

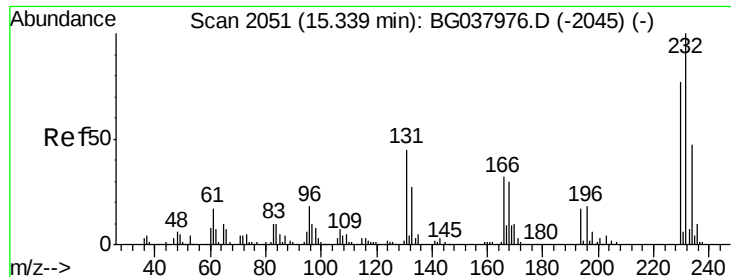
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.5	33.4	50.0
89	73.1	57.2	85.8
182	2.8	2.6	4.0



#58
Fluorene
Concen: 52.865 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.9	79.0	118.6
167	14.9	11.3	16.9

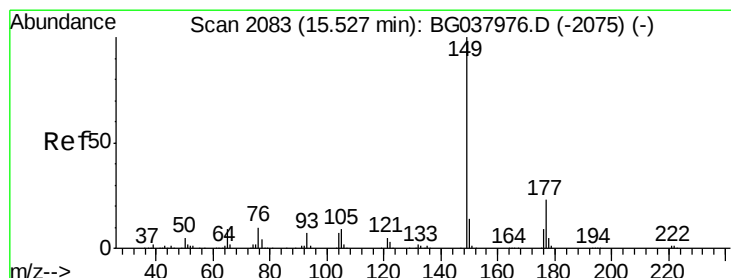
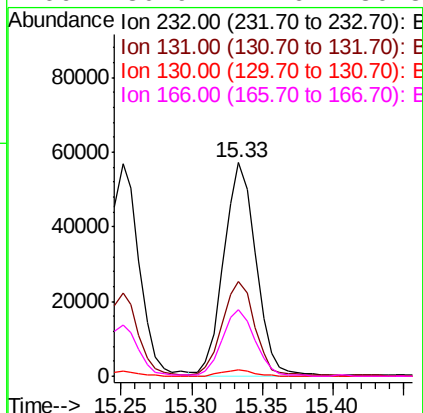
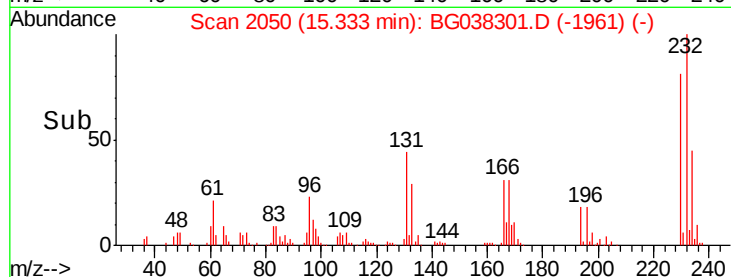
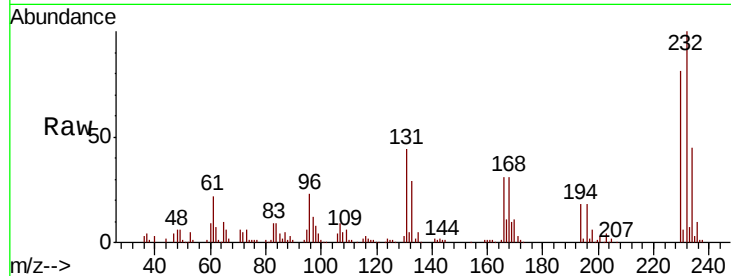




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.146 ng
RT: 15.33 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

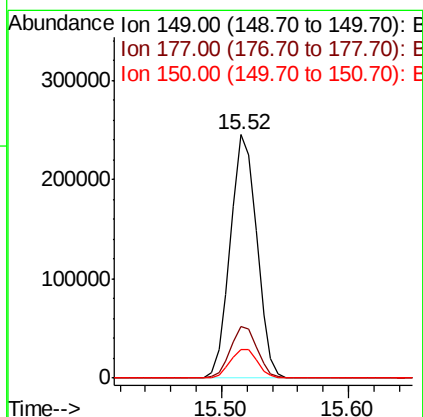
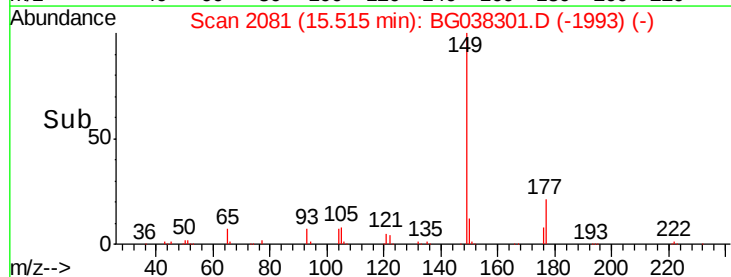
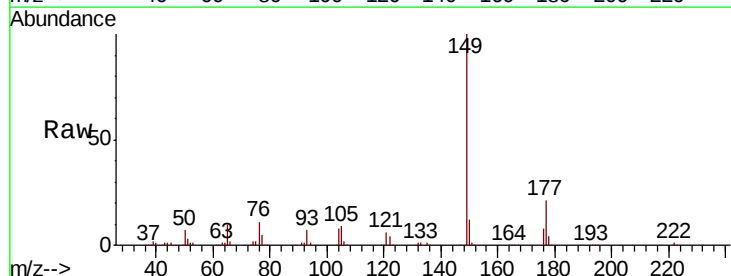
Instrument :
BNA_G
ClientSampleId :
PB115183BS

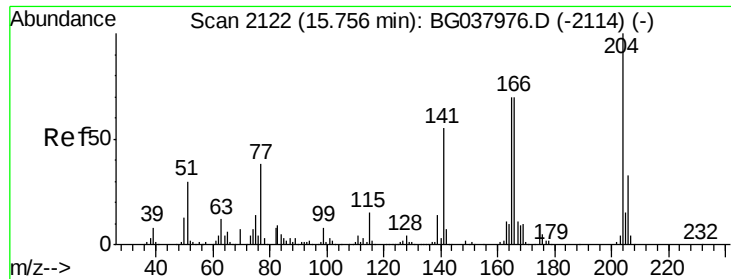
Tot Ion:232 Resp: 91727
Ion Ratio Lower Upper
232 100
131 45.5 33.7 50.5
130 2.8 2.1 3.1
166 30.9 24.6 36.8



#60
Diethylphthalate
Concen: 51.516 ng
RT: 15.52 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Tgt Ion:149 Resp: 353494
Ion Ratio Lower Upper
149 100
177 21.0 18.3 27.5
150 11.8 10.0 15.0

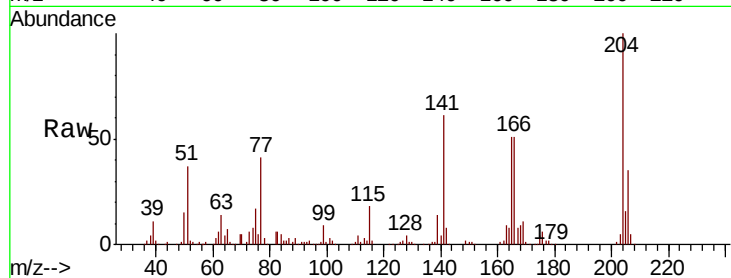




#61
4-Chlorophenyl-phenylether
Concen: 48.020 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Instrument :
BNA_G
ClientSampleID :
PB115183BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	26.6	39.8
141	60.7	45.4	68.2

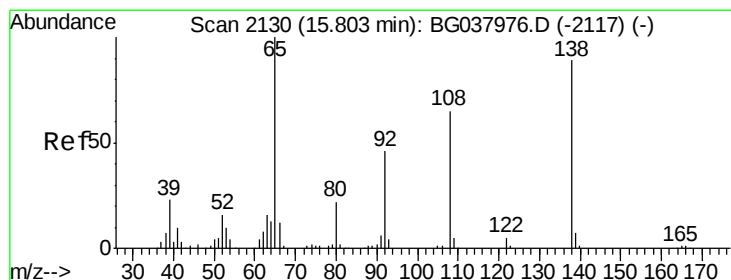
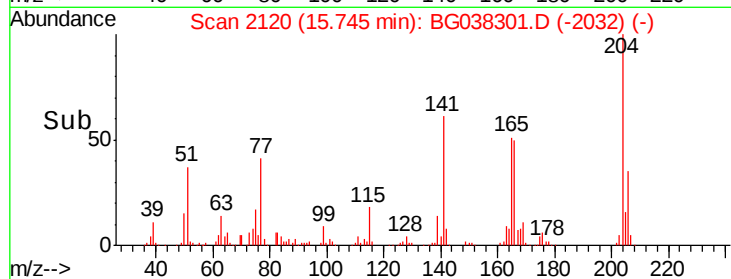
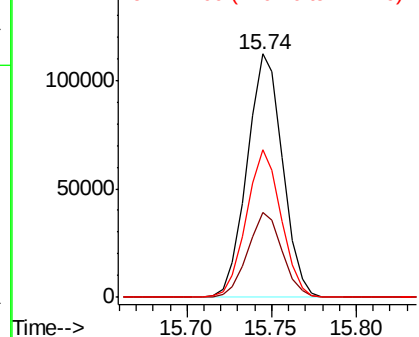


Abundance

Ion 204.00 (203.70 to 204.70): E

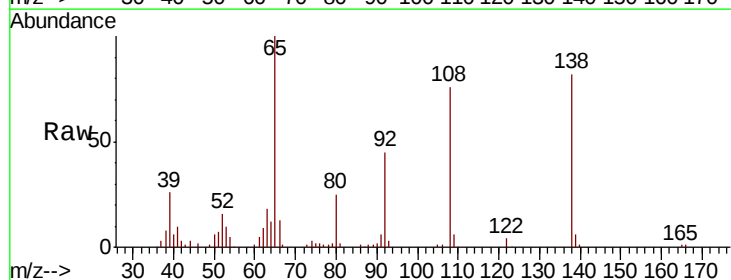
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 49.694 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.4	36.4	76.4
108	92.9	60.1	100.1

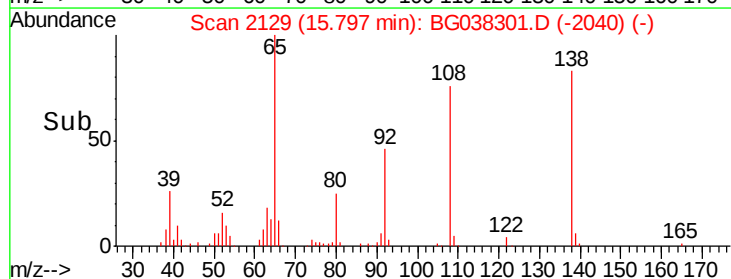
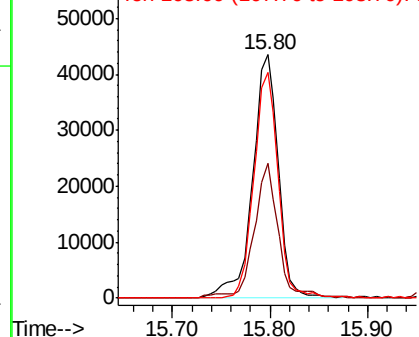


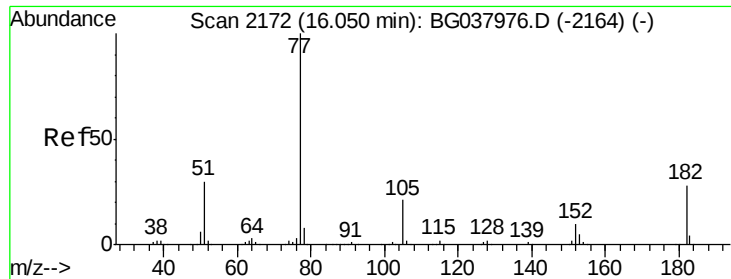
Abundance

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: 52.175 ng

RT: 16.04 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

Tot Ion: 77 Resp: 320108

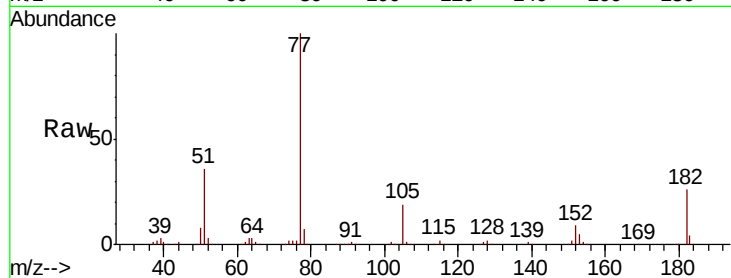
Ion Ratio Lower Upper

77 100

182 26.3 8.0 48.0

105 18.8 1.3 41.3

51 35.8 10.7 50.7

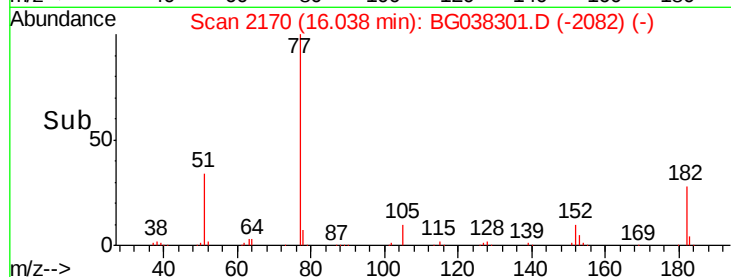


Abundance Ion 77.00 (76.70 to 77.70): BGC

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



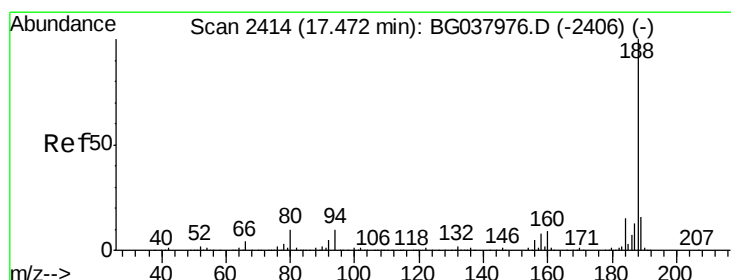
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

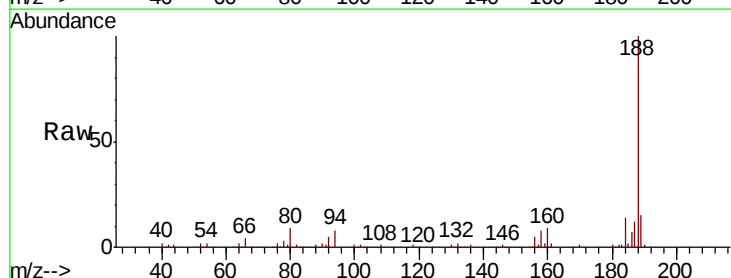
Tgt Ion: 188 Resp: 198364

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

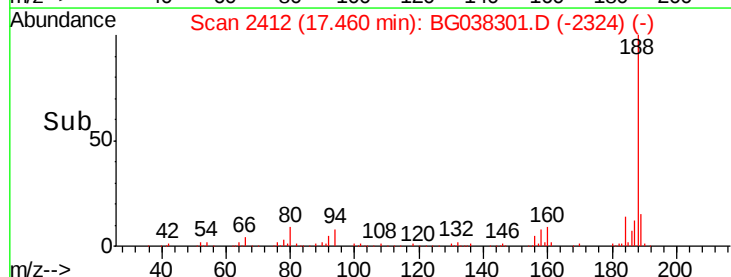
80 8.6 7.7 11.5



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

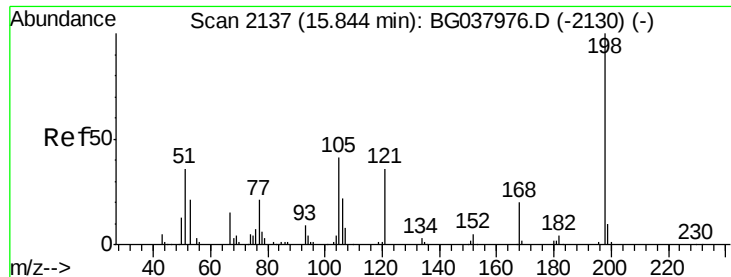


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 50.938 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

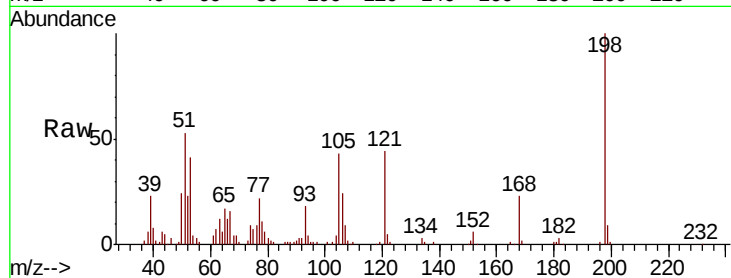
BNA_G

ClientSampleId :

PB115183BS

Tot Ion:198 Resp: 63910

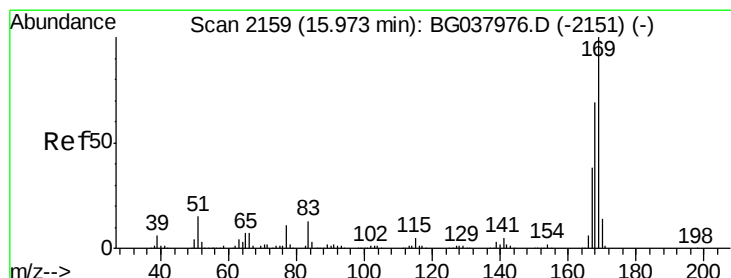
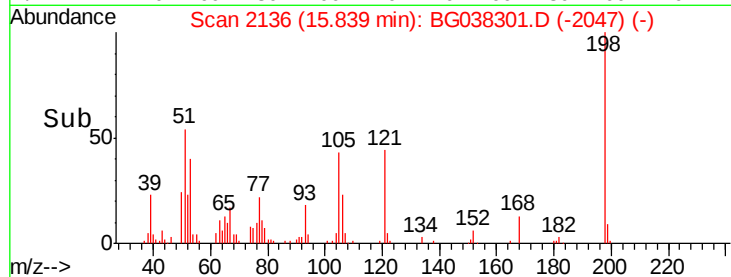
Ion	Ratio	Lower	Upper
198	100		
51	53.2	22.7	62.7
105	42.7	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037976.D (-2130) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.994 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

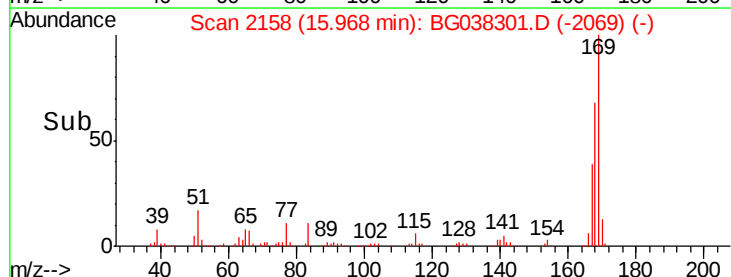
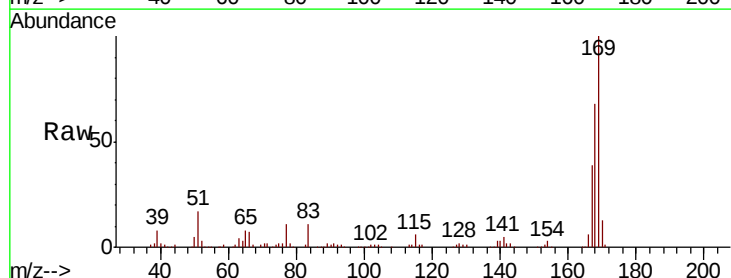
Tgt Ion:169 Resp: 288013

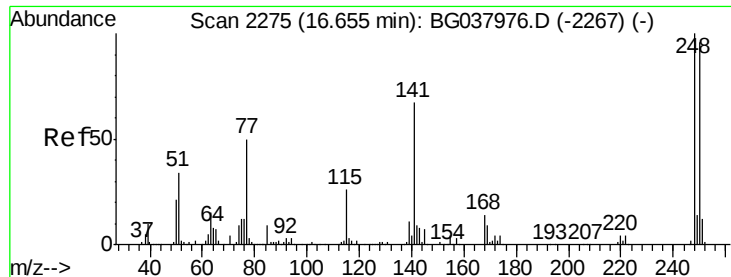
Ion	Ratio	Lower	Upper
169	100		
168	68.3	55.7	83.5
167	38.6	31.3	46.9

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

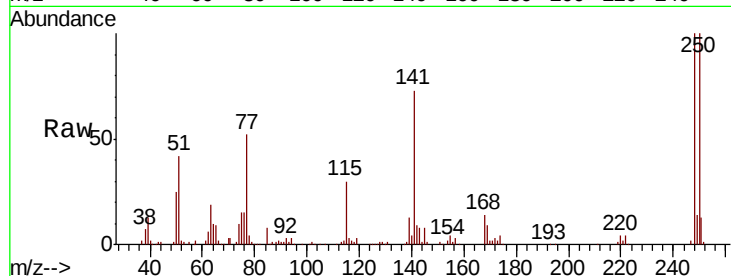




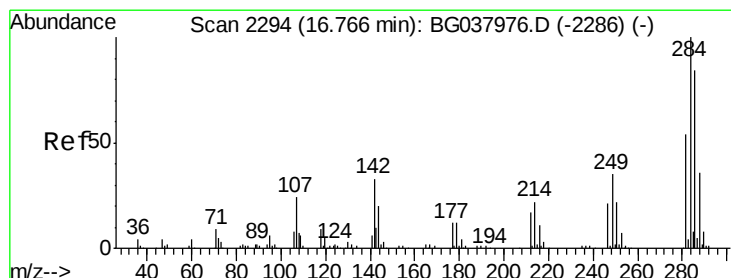
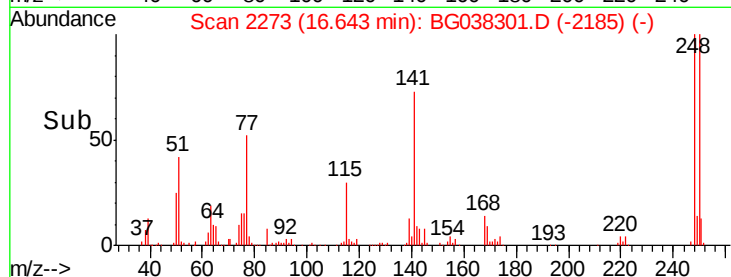
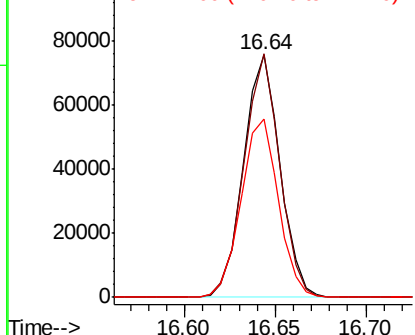
#67
 4-Bromophenyl-phenylether
 Concen: 48.581 ng
 RT: 16.64 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BG038301.D
 Acq: 2 Dec 2018 00:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BS

Tot Ion:248 Resp: 105772
 Ion Ratio Lower Upper
 248 100
 250 100.3 77.0 115.6
 141 73.7 55.5 83.3

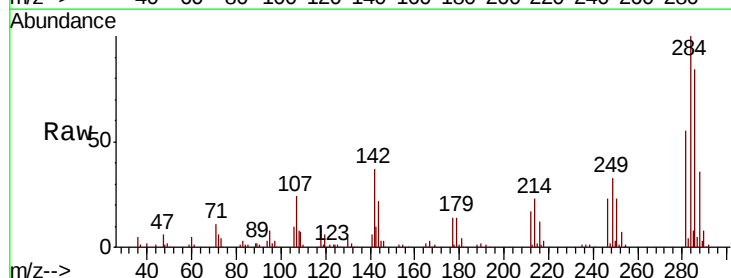


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

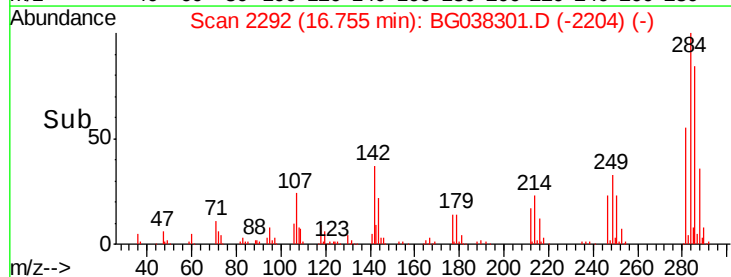
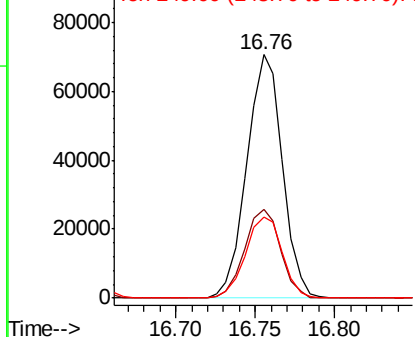


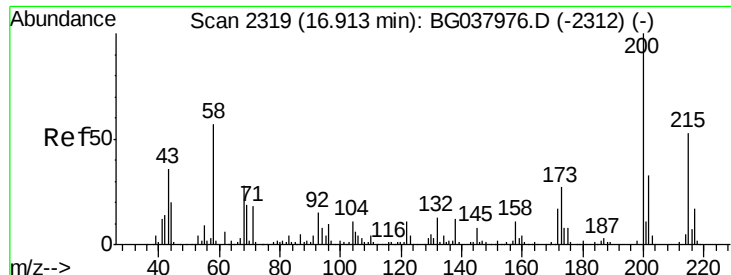
#68
 Hexachlorobenzene
 Concen: 48.984 ng
 RT: 16.76 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BG038301.D
 Acq: 2 Dec 2018 00:05

Tgt Ion:284 Resp: 110083
 Ion Ratio Lower Upper
 284 100
 142 36.5 28.1 42.1
 249 36.1 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: 51.556 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

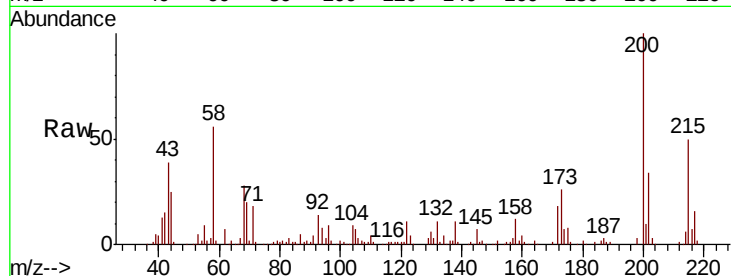
Tot Ion:200 Resp: 114053

Ion Ratio Lower Upper

200 100

173 26.2 6.1 46.1

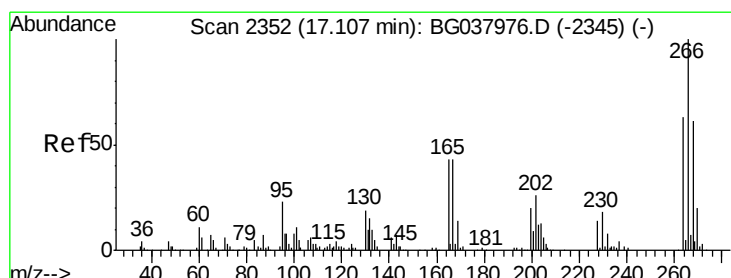
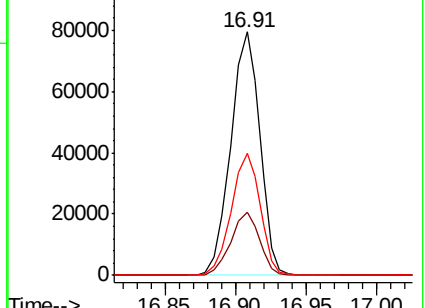
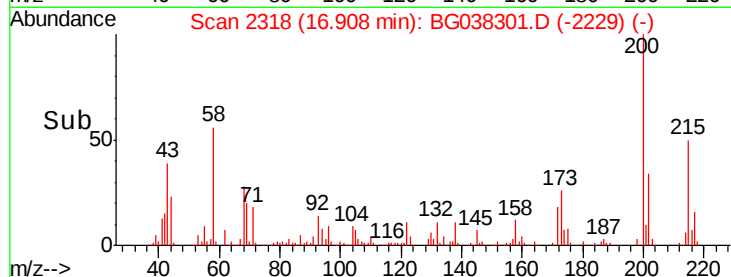
215 50.1 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 91.563 ng

RT: 17.11 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

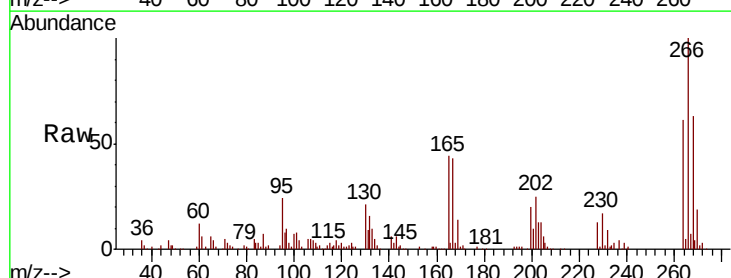
Tgt Ion:266 Resp: 139752

Ion Ratio Lower Upper

266 100

268 67.3 55.0 82.6

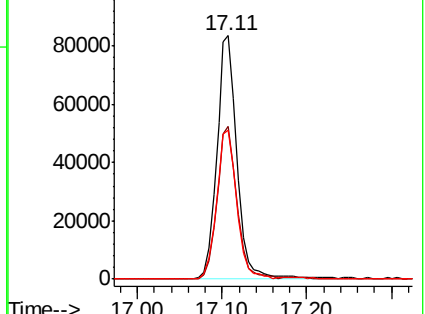
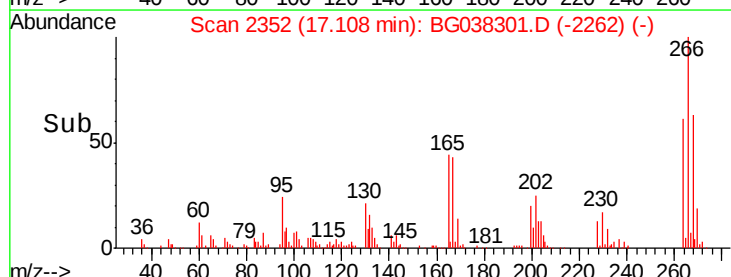
264 66.6 58.9 88.3

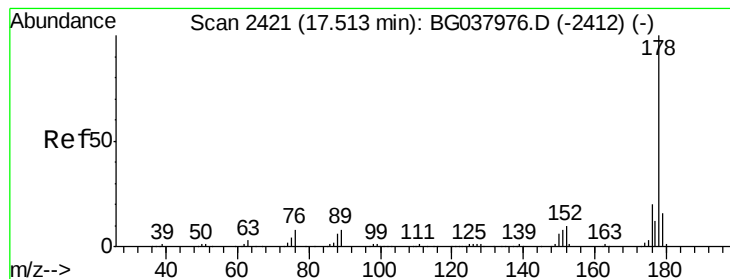


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 52.624 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

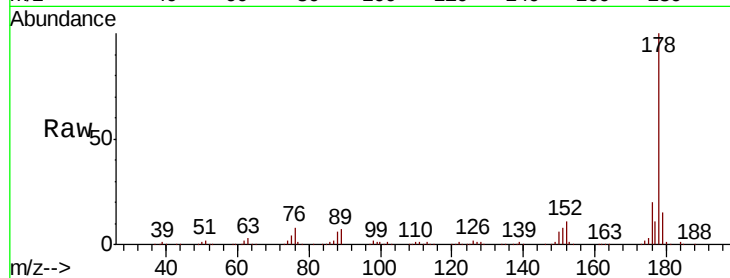
Tot Ion:178 Resp: 534445

Ion Ratio Lower Upper

178 100

176 19.9 16.1 24.1

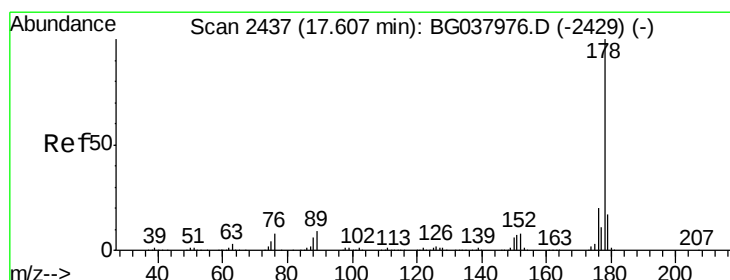
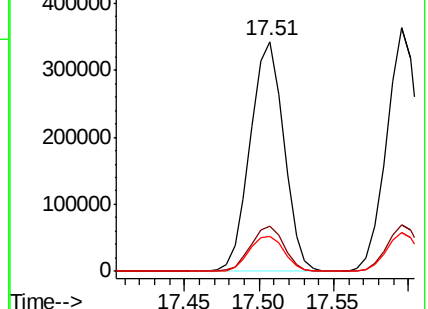
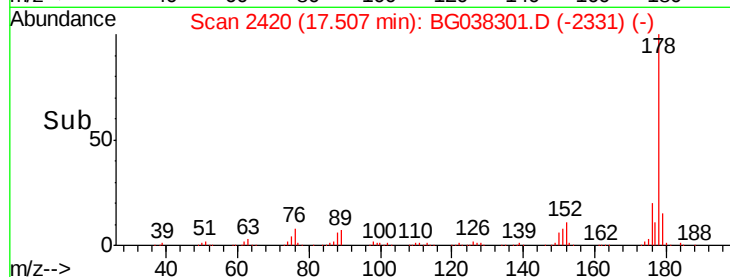
179 15.3 13.0 19.4



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: 54.521 ng

RT: 17.60 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

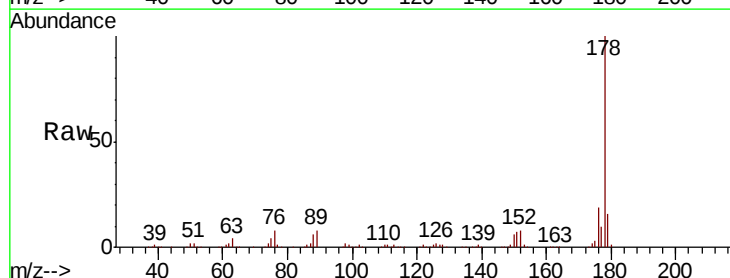
Tgt Ion:178 Resp: 545815

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

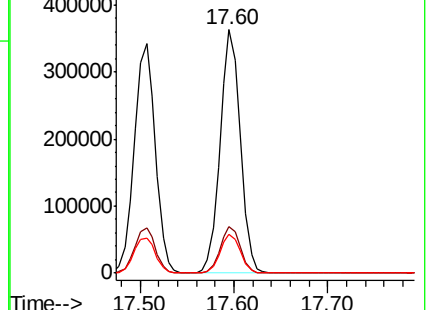
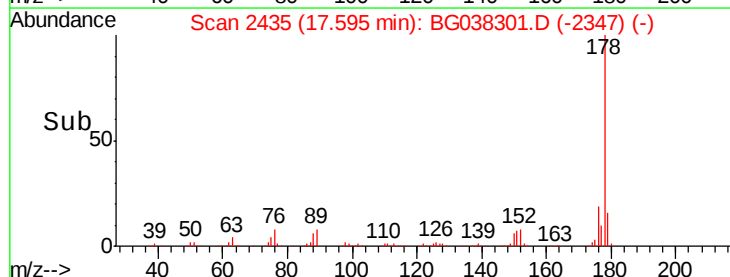
179 16.1 12.8 19.2

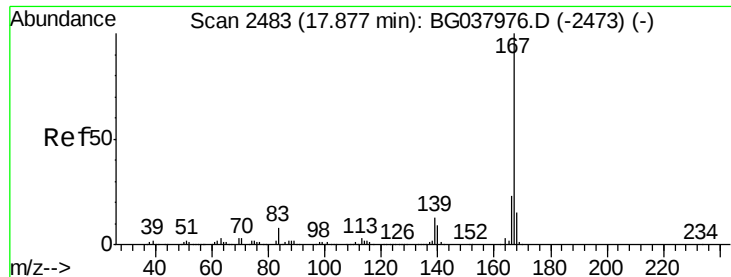


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

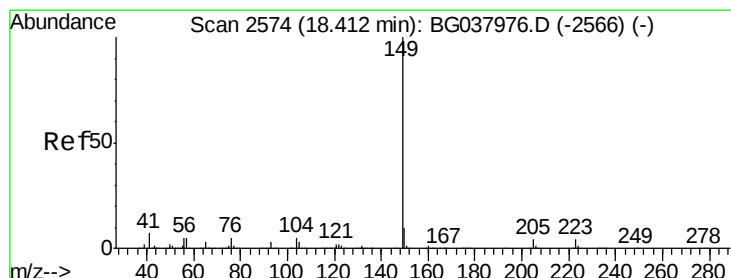
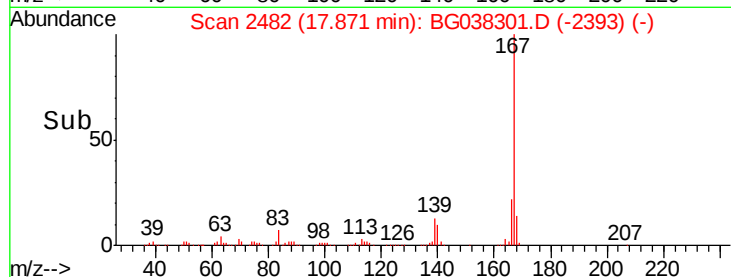
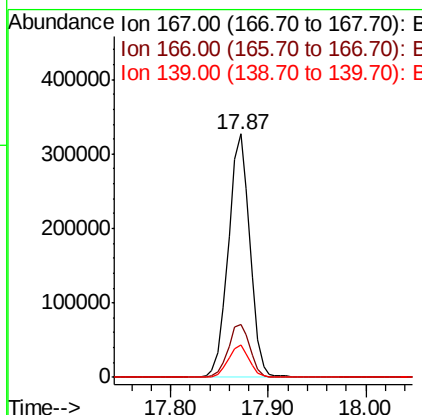
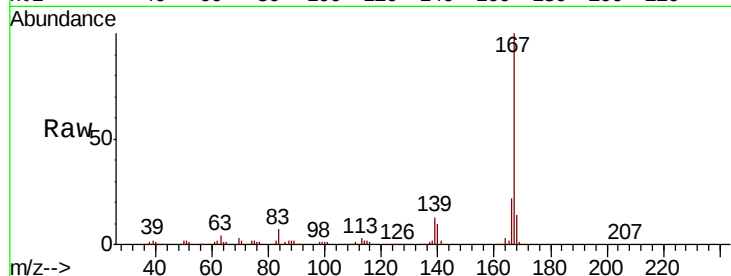




#73
 Carbazole
 Concen: 49.630 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.01 min
 Lab File: BG038301.D
 Acq: 2 Dec 2018 00:05

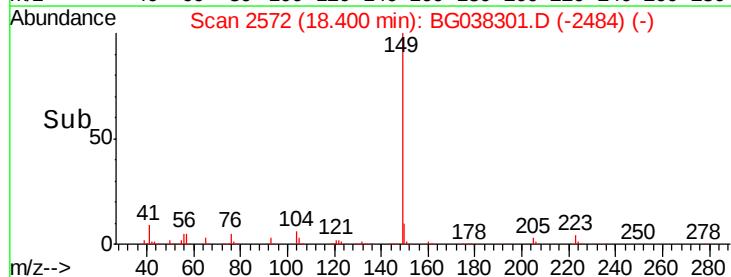
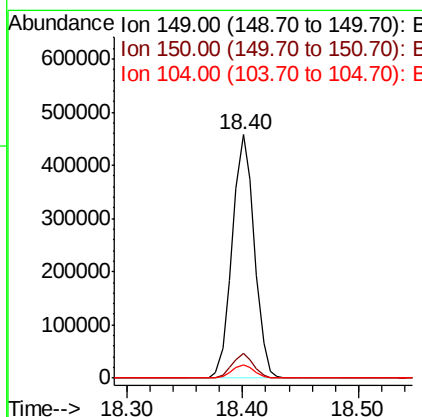
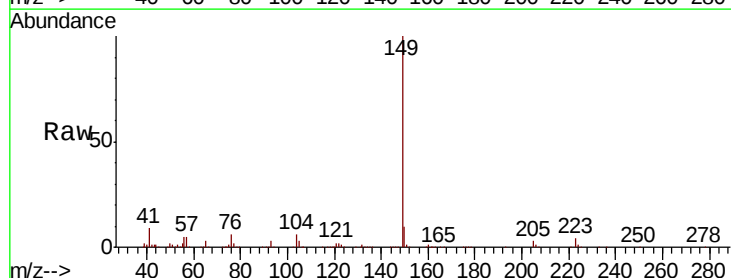
Instrument :
 BNA_G
 ClientSampleId :
 PB115183BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.3	27.5
139	13.1	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 53.882 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. -0.01 min
 Lab File: BG038301.D
 Acq: 2 Dec 2018 00:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	5.6	4.0	6.0





#75

Fluoranthene

Concen: 56.732 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

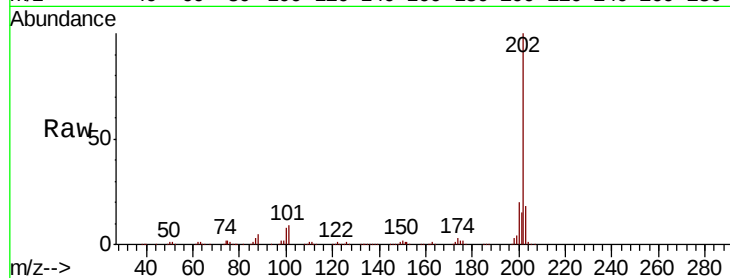
Tot Ion:202 Resp: 657366

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.7

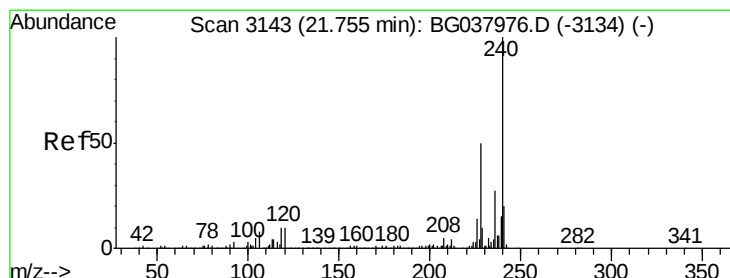
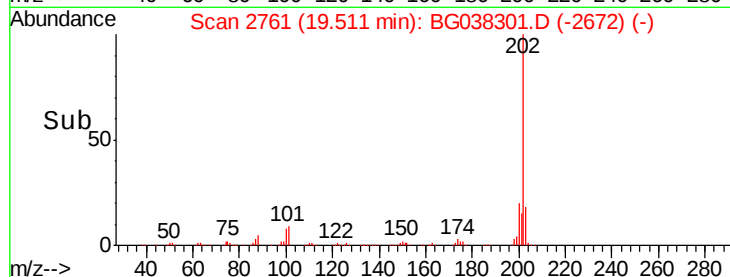
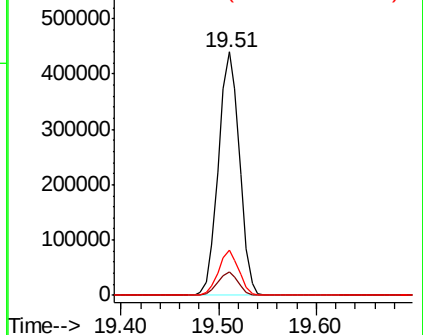
203 18.4 0.0 38.5



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: BG038301.D

Acq: 2 Dec 2018 00:05

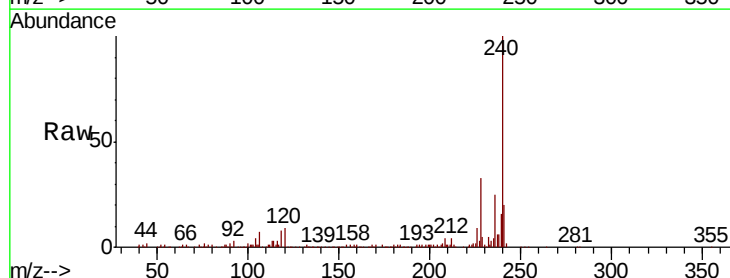
Tgt Ion:240 Resp: 187902

Ion Ratio Lower Upper

240 100

120 9.0 8.1 12.1

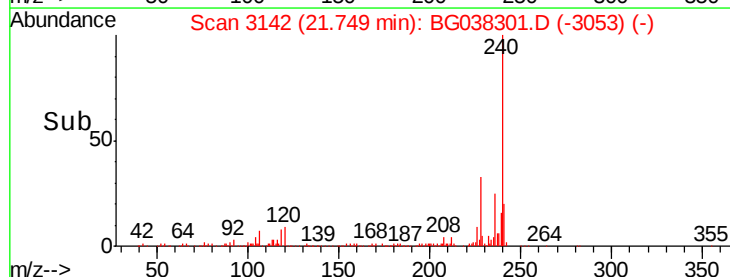
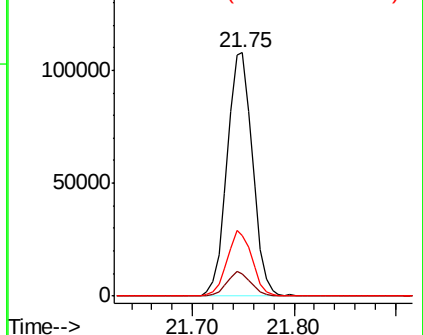
236 25.1 21.4 32.0

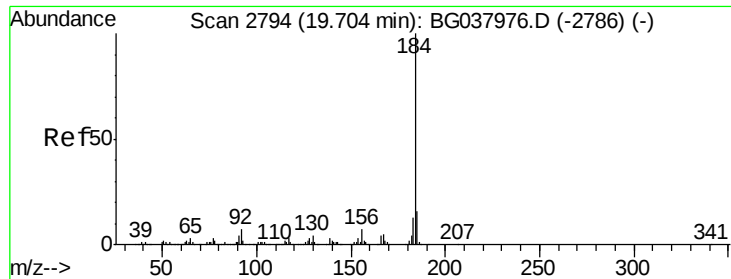


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

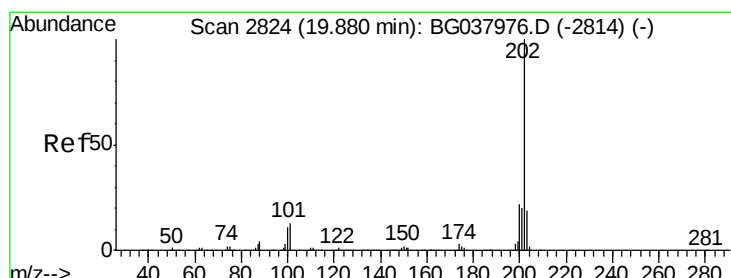
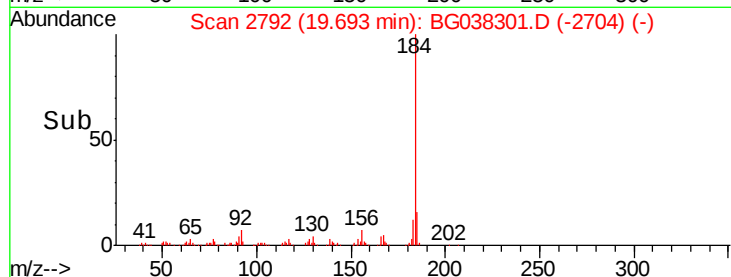
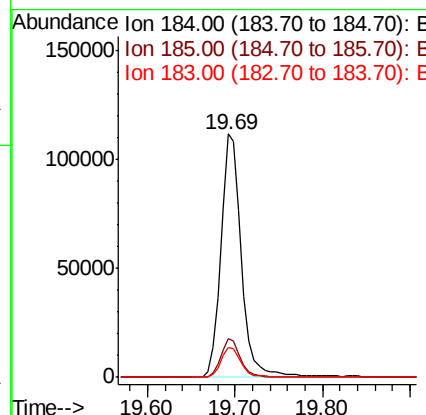
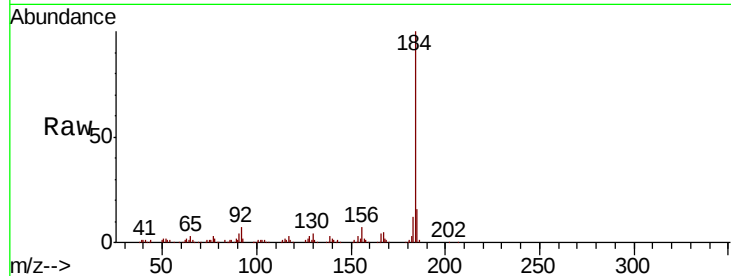




#77
Benzidine
Concen: 27.452 ng
RT: 19.69 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

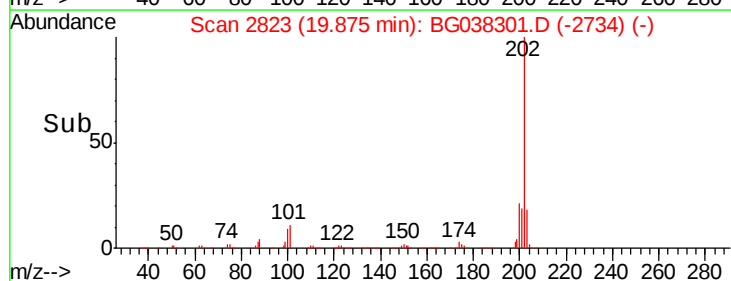
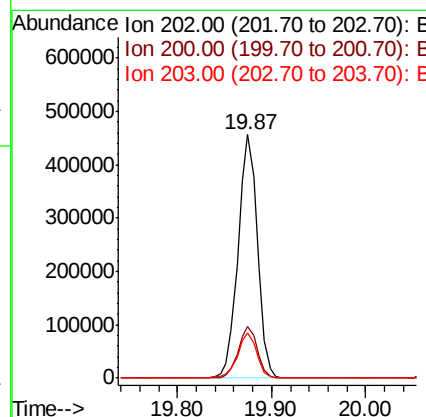
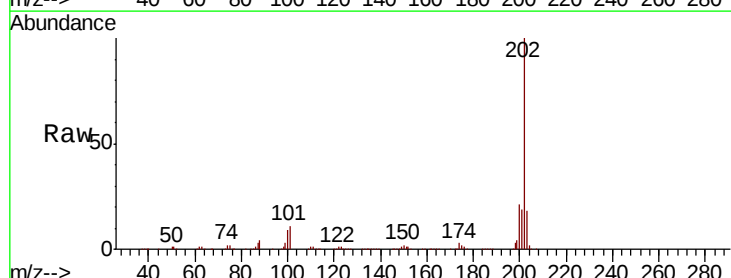
Instrument :
BNA_G
ClientSampleId :
PB115183BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.6	18.8
183	12.3	10.2	15.2



#78
Pyrene
Concen: 53.051 ng
RT: 19.87 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.6
203	18.5	15.2	22.8





#79

Terphenyl-d14

Concen: 112.230 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

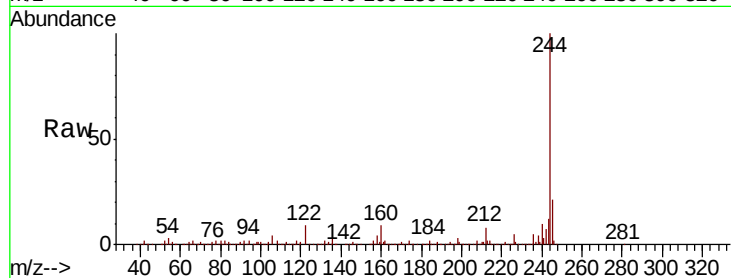
Tot Ion:244 Resp: 896228

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

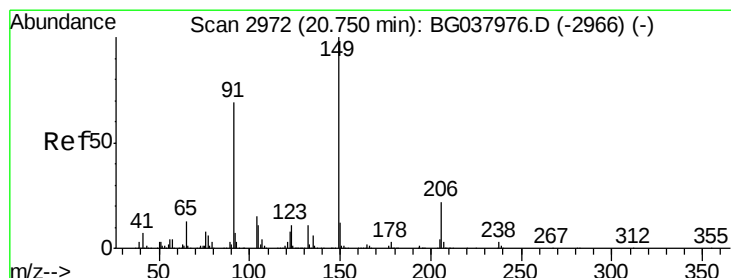
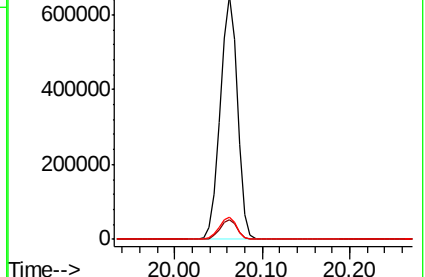
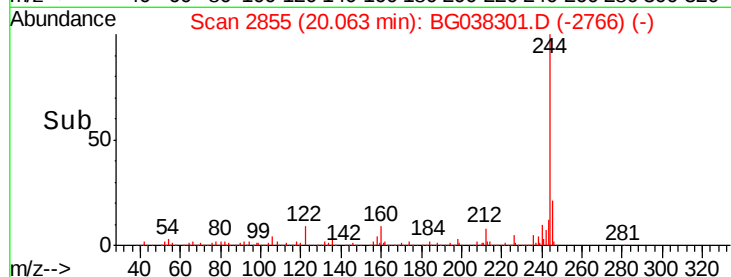
122 9.4 9.0 13.4



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: 52.334 ng

RT: 20.74 min Scan# 2971

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

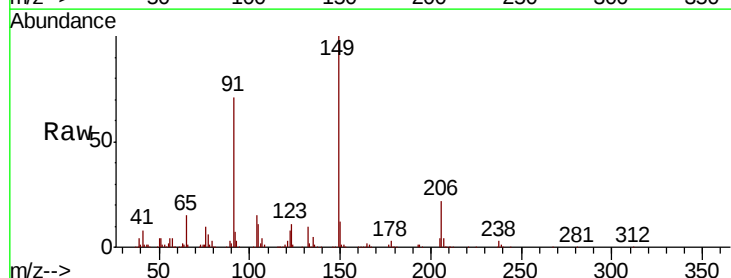
Tgt Ion:149 Resp: 281166

Ion Ratio Lower Upper

149 100

91 71.0 57.0 85.4

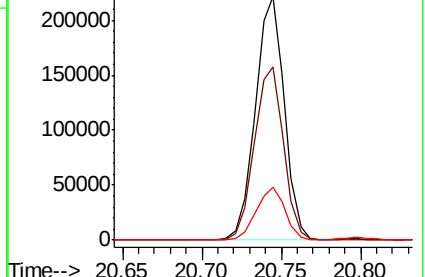
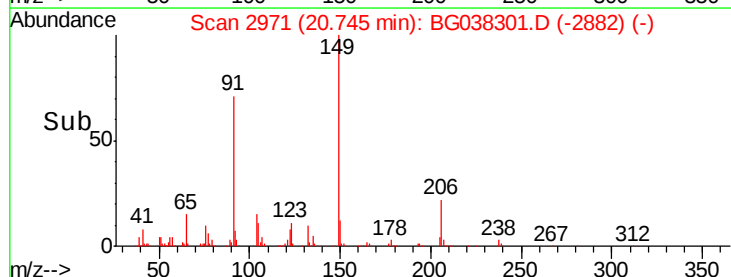
206 21.7 17.8 26.6

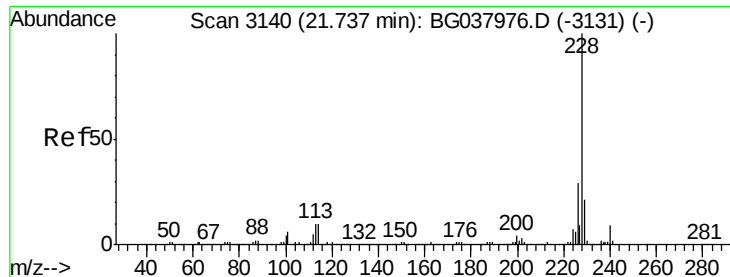


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 54.401 ng

RT: 21.73 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

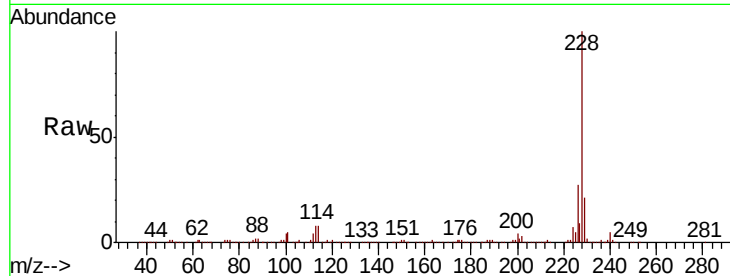
Tot Ion:228 Resp: 617724

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

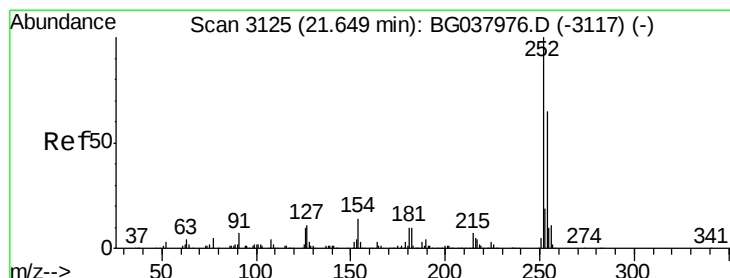
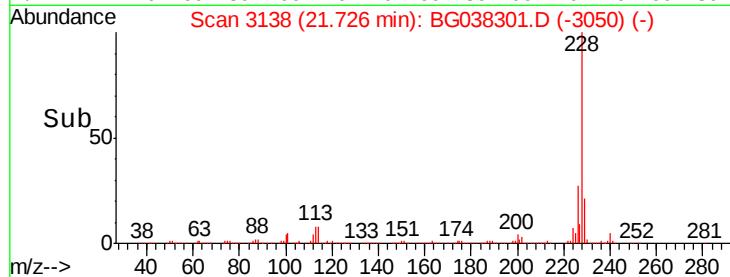
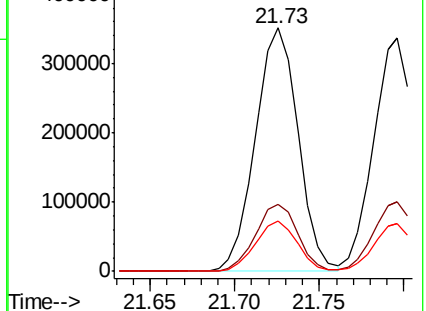
229 20.6 16.3 24.5



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: 23.924 ng

RT: 21.64 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

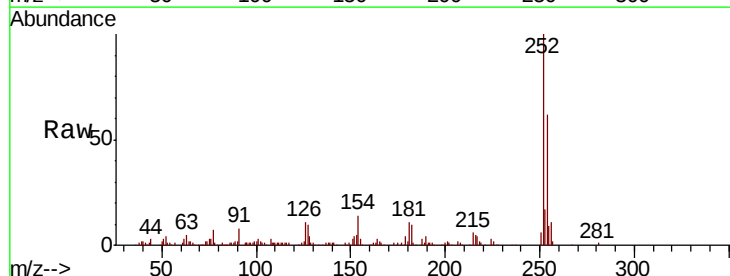
Tgt Ion:252 Resp: 105822

Ion Ratio Lower Upper

252 100

254 61.7 52.0 78.0

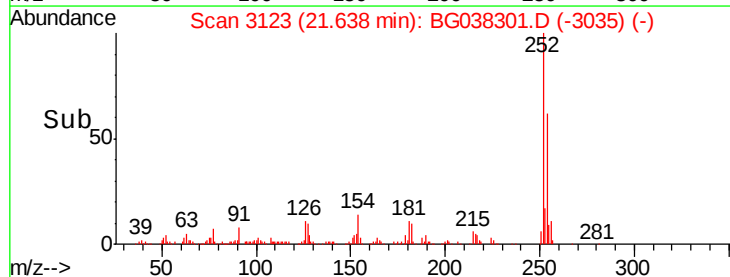
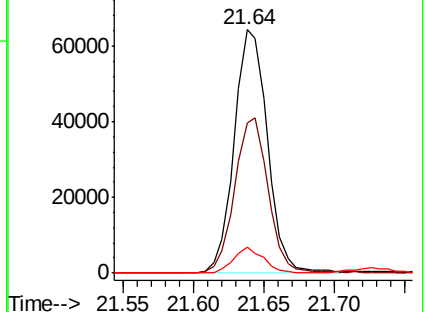
126 10.6 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 52.182 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

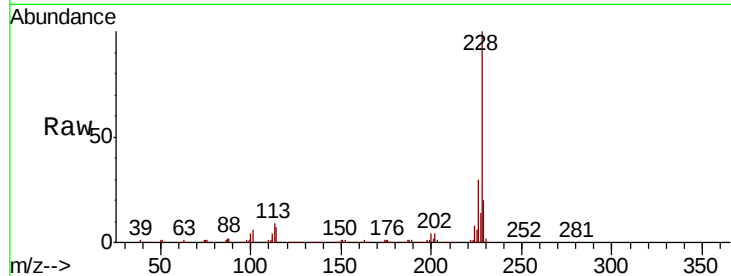
BNA_G

ClientSampleId :

PB115183BS

Tot Ion:228 Resp: 566922

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.7	38.5
229	20.4	16.5	24.7

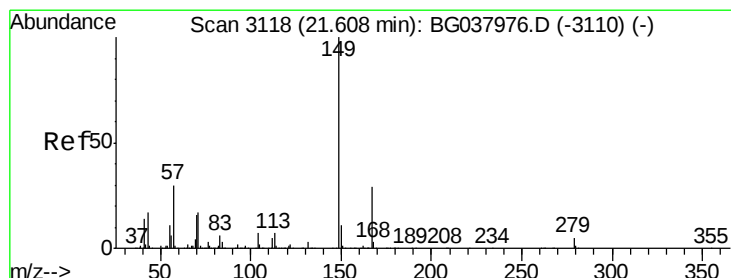
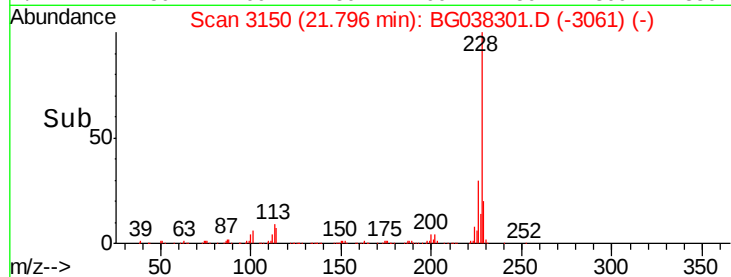
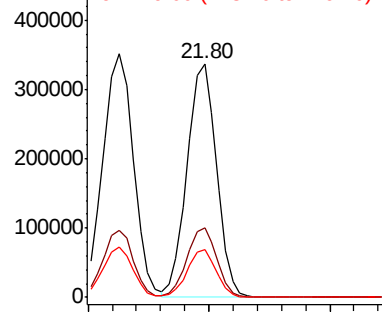


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.090 ng

RT: 21.59 min Scan# 3115

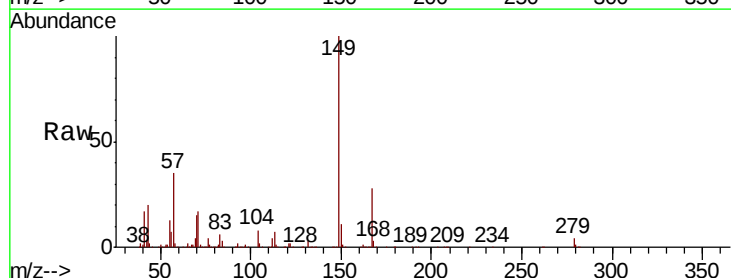
Delta R.T. -0.02 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Tgt Ion:149 Resp: 391436

Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.0	34.4
279	4.4	3.6	5.4

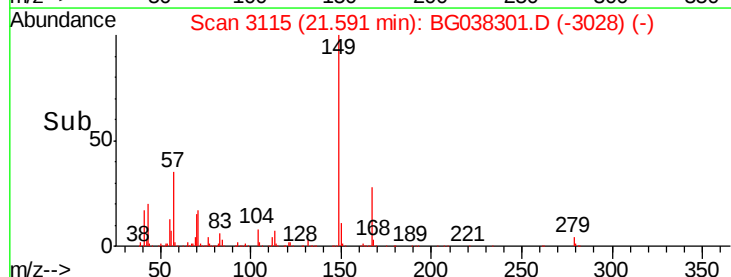
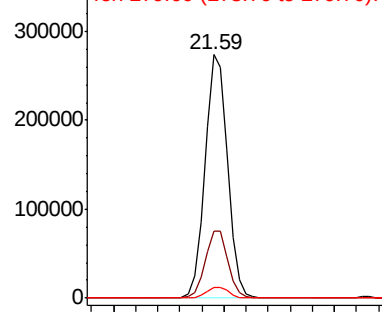


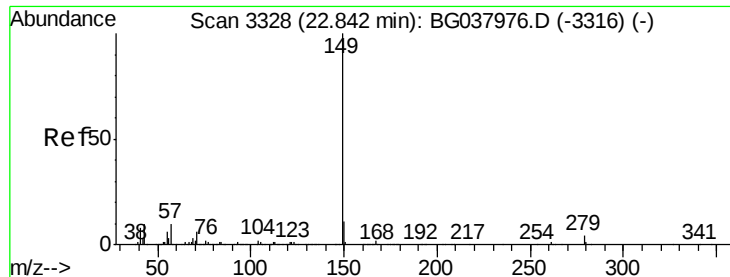
Abundance

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: 54.151 ng

RT: 22.83 min Scan# 3326

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

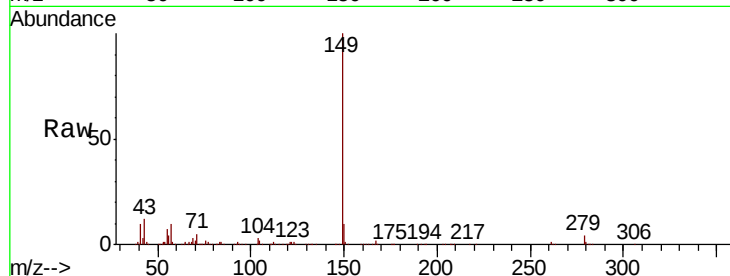
Tot Ion:149 Resp: 671215

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

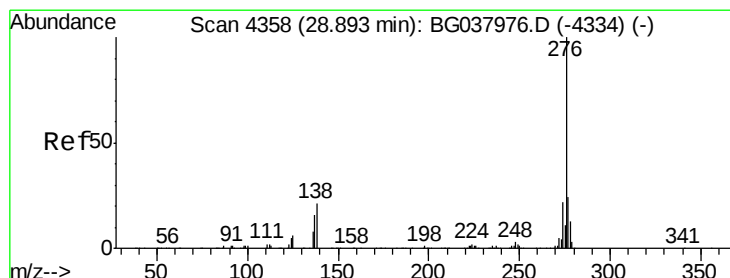
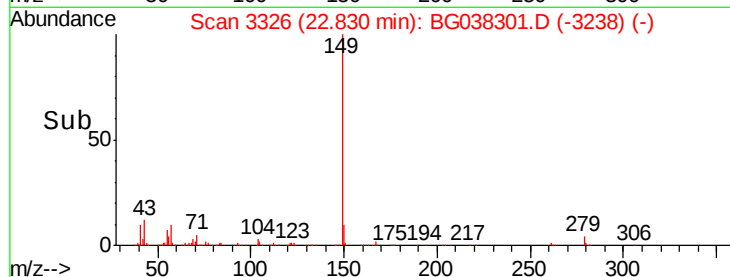
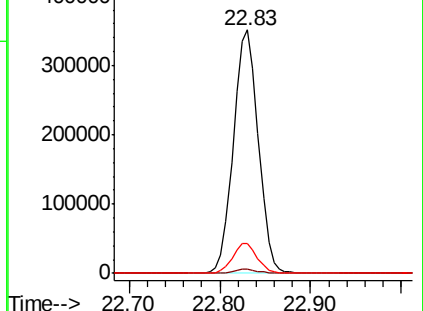
43 12.5 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 56.922 ng

RT: 28.86 min Scan# 4353

Delta R.T. -0.03 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

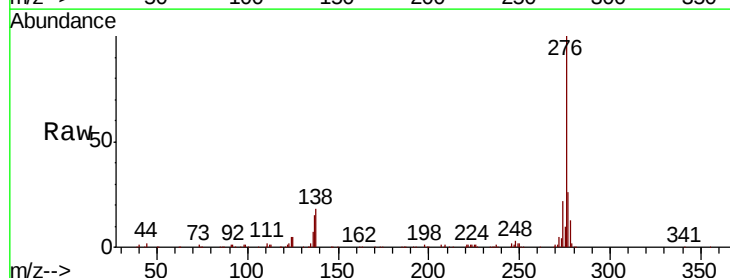
Tgt Ion:276 Resp: 686847

Ion Ratio Lower Upper

276 100

138 15.0 12.0 18.0

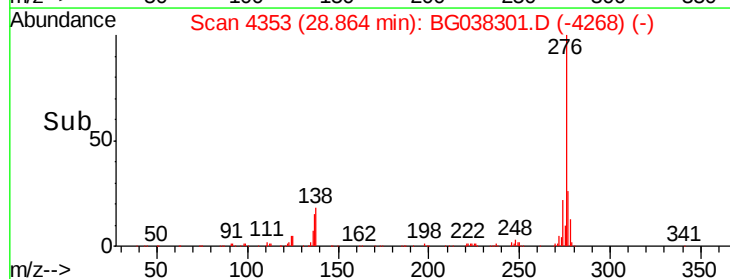
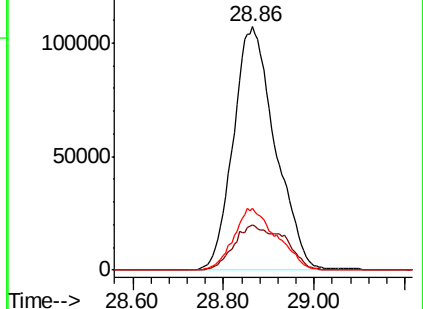
277 25.8 20.6 30.8

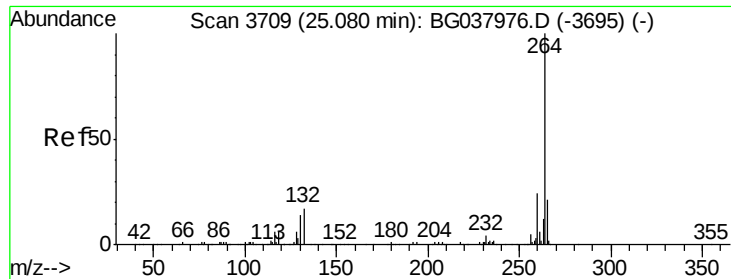


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.02 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

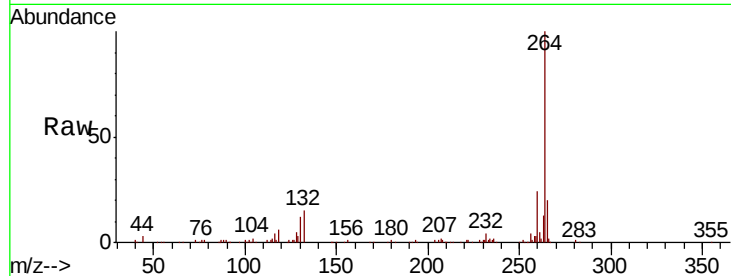
Tot Ion:264 Resp: 202000

Ion Ratio Lower Upper

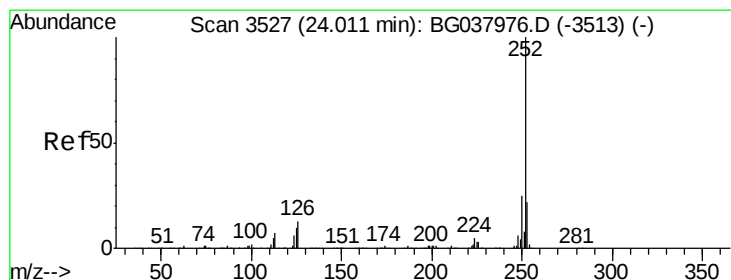
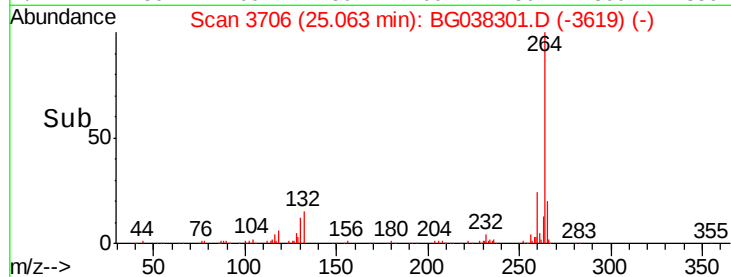
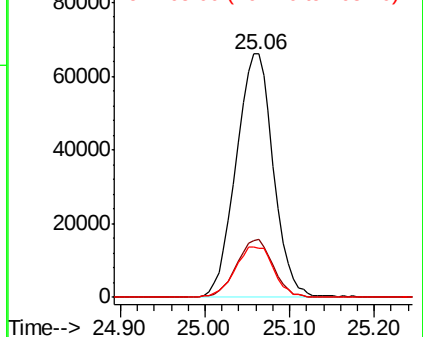
264 100

260 23.6 18.2 27.4

265 20.1 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: 55.143 ng

RT: 24.00 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

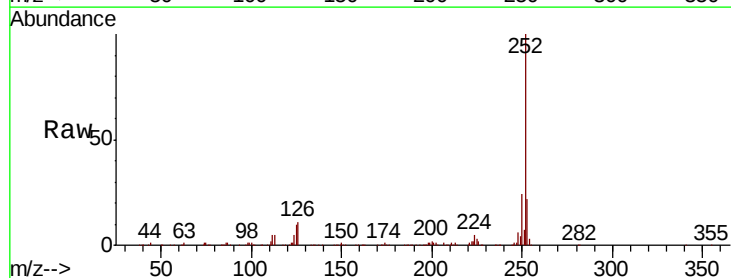
Tgt Ion:252 Resp: 612975

Ion Ratio Lower Upper

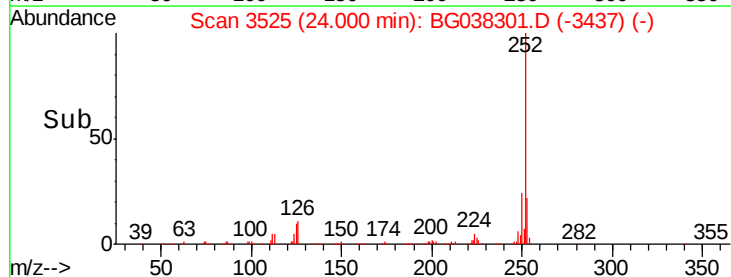
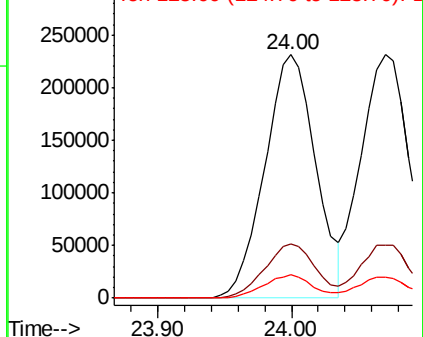
252 100

253 22.3 18.2 27.2

125 9.6 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: 53.205 ng

RT: 24.07 min Scan# 3537

Delta R.T. -0.02 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

Instrument :

BNA_G

ClientSampleId :

PB115183BS

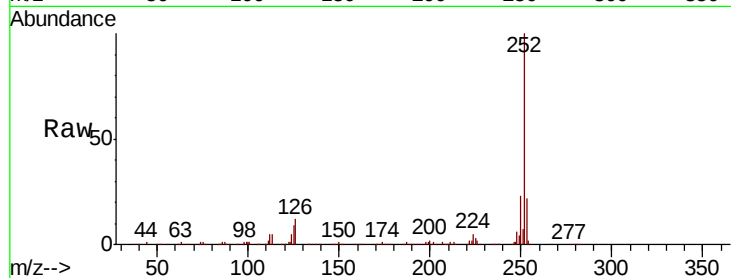
Tot Ion:252 Resp: 583597

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 8.8 7.4 11.0

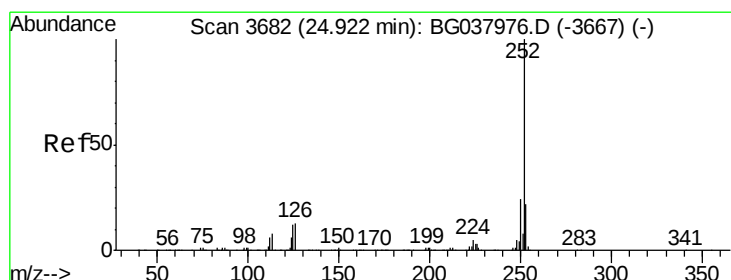
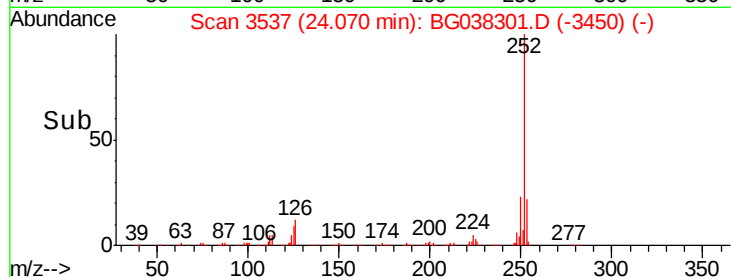
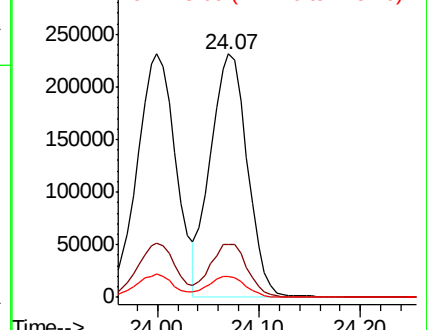


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 55.459 ng

RT: 24.90 min Scan# 3679

Delta R.T. -0.02 min

Lab File: BG038301.D

Acq: 2 Dec 2018 00:05

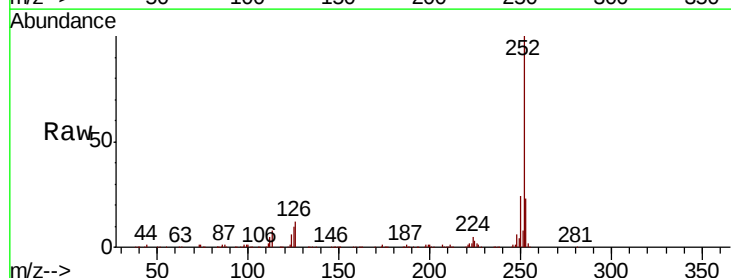
Tgt Ion:252 Resp: 589168

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

125 10.3 9.0 13.6

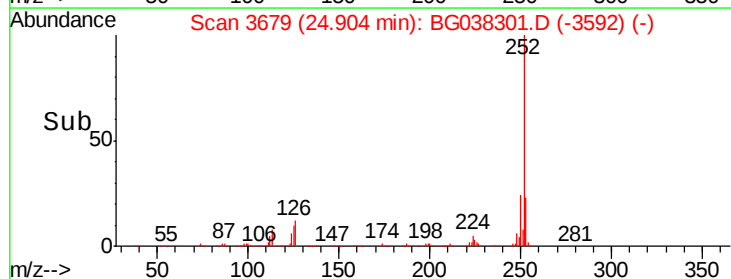
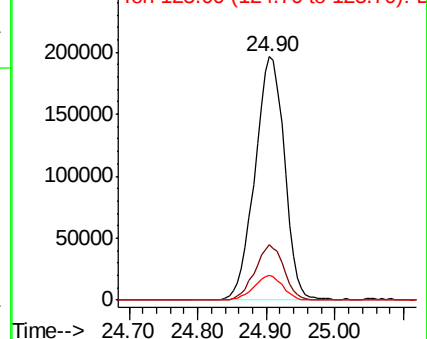


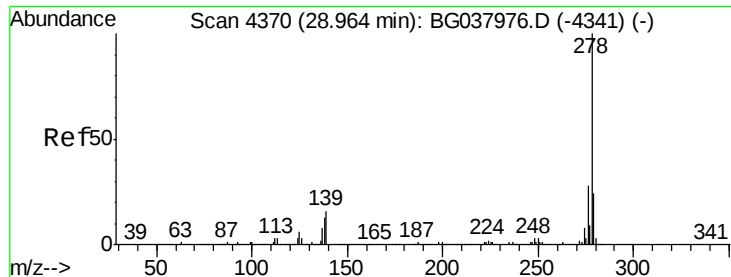
Abundance

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

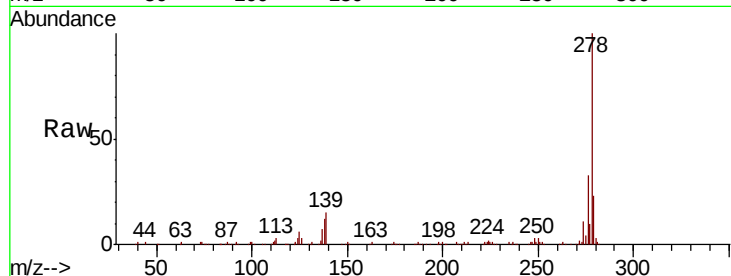




#91
Dibenzo(a,h)anthracene
Concen: 55.198 ng
RT: 28.93 min Scan# 4364
Delta R.T. -0.03 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Instrument :
BNA_G
ClientSampleId :
PB115183BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.5	17.3
279	22.7	18.6	27.8

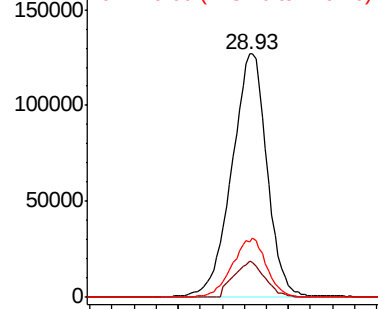


Abundance

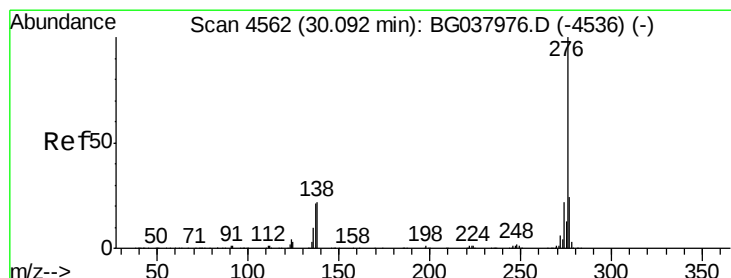
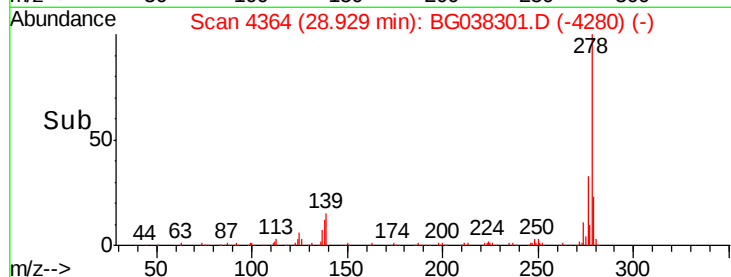
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

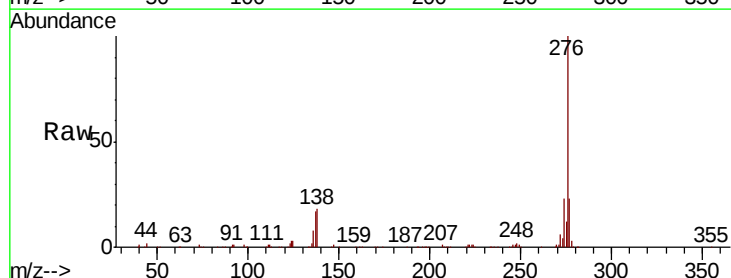


Time-->



#92
Benzo(g,h,i)perylene
Concen: 56.552 ng
RT: 30.06 min Scan# 4556
Delta R.T. -0.03 min
Lab File: BG038301.D
Acq: 2 Dec 2018 00:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.9	28.3
138	17.9	17.2	25.8

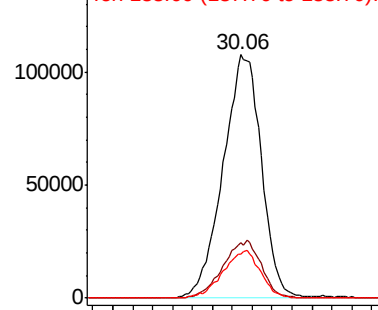


Abundance

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



Time-->

