

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038218.D
 Acq On : 29 Nov 2018 3:07
 Operator : JU/SJ
 Sample : PB115103BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115103BS

Quant Time: Nov 29 04:53:25 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	8.09	152	30647	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	140449	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	87055	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	201205	20.00	ng	0.00
76) Chrysene-d12	21.75	240	195018	20.00	ng	0.00
87) Perylene-d12	25.07	264	204385	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	148340	83.57	ng	0.00
7) Phenol-d6	7.23	99	202888	80.07	ng	0.00
23) Nitrobenzene-d5	9.26	82	182499	69.56	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	68724	69.22	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	422234	70.66	ng	0.00
79) Terphenyl-d14	20.07	244	636341	76.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	23299	27.789	ng	# 86
3) Pyridine	3.92	79	67283	28.132	ng	95
4) n-Nitrosodimethylamine	3.84	42	36363	41.908	ng	92
6) Aniline	7.41	93	34701	10.611	ng	99
8) 2-Chlorophenol	7.65	128	78981	38.347	ng	99
9) Benzaldehyde	7.22	77	50250	27.424	ng	97
10) Phenol	7.26	94	104024	38.760	ng	96
11) bis(2-Chloroethyl)ether	7.50	93	73488	33.541	ng	99
12) 1,3-Dichlorobenzene	7.97	146	79008	33.298	ng	98
13) 1,4-Dichlorobenzene	8.12	146	80714	33.675	ng	99
14) 1,2-Dichlorobenzene	8.44	146	76988	33.644	ng	98
15) Benzyl Alcohol	8.32	79	70490	38.448	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	156364	38.433	ng	98
17) 2-Methylphenol	8.52	107	70791	39.015	ng	96
18) Hexachloroethane	9.17	117	28903	33.134	ng	96
19) n-Nitroso-di-n-propylamine	8.89	70	60446	32.970	ng	98
20) 3+4-Methylphenols	8.85	107	94554	36.760	ng	98
22) Acetophenone	8.92	105	115076	32.931	ng	# 95
24) Nitrobenzene	9.30	77	93660	34.896	ng	96
25) Isophorone	9.81	82	168134	35.603	ng	98
26) 2-Nitrophenol	10.01	139	43434	32.416	ng	94
27) 2,4-Dimethylphenol	10.06	122	79972	39.613	ng	95
28) bis(2-Chloroethoxy)methane	10.30	93	102290	33.874	ng	97
29) 2,4-Dichlorophenol	10.54	162	80792	35.579	ng	96
30) 1,2,4-Trichlorobenzene	10.76	180	81512	32.033	ng	96
31) Naphthalene	10.95	128	244554	35.402	ng	99
32) Benzoic acid	10.17	122	29847	29.394	ng	90
33) 4-Chloroaniline	11.07	127	30066	9.357	ng	94
34) Hexachlorobutadiene	11.22	225	48649	31.064	ng	97
35) Caprolactam	11.85	113	27776	30.559	ng	# 82
36) 4-Chloro-3-methylphenol	12.17	107	89472	36.065	ng	96
37) 2-Methylnaphthalene	12.55	142	179797	36.234	ng	99
38) 1-Methylnaphthalene	12.77	142	171360	35.877	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	92636	31.845	ng	99

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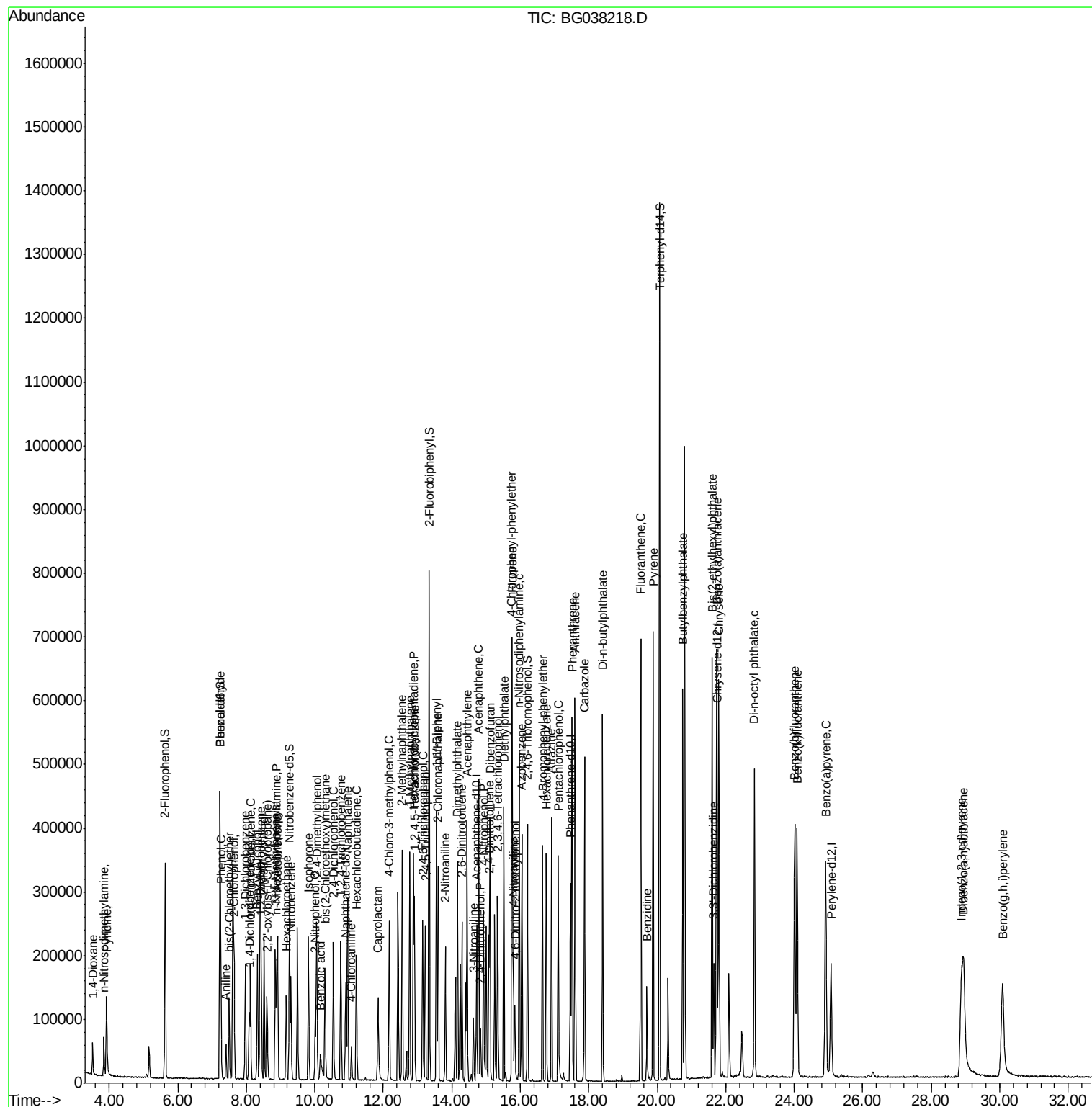
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	107503	69.014	ng	97
43) 2,4,6-Trichlorophenol	13.15	196	66000	33.295	ng	98
44) 2,4,5-Trichlorophenol	13.23	196	74092	35.523	ng	98
46) 1,1'-Biphenyl	13.55	154	233039	31.864	ng	98
47) 2-Chloronaphthalene	13.60	162	181286	32.483	ng	98
48) 2-Nitroaniline	13.81	65	64238	36.572	ng	99
49) Acenaphthylene	14.44	152	306155	36.480	ng	98
50) Dimethylphthalate	14.17	163	235992	34.194	ng	99
51) 2,6-Dinitrotoluene	14.30	165	53481	34.239	ng	95
52) Acenaphthene	14.79	154	176409	34.916	ng	97
53) 3-Nitroaniline	14.63	138	26219	15.212	ng	# 92
54) 2,4-Dinitrophenol	14.84	184	23722	34.158	ng	93
55) Dibenzofuran	15.11	168	284468	34.050	ng	97
56) 4-Nitrophenol	14.93	139	82055	61.726	ng	92
57) 2,4-Dinitrotoluene	15.09	165	75152	35.362	ng	99
58) Fluorene	15.77	166	224740	36.054	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	60869	34.876	ng	94
60) Diethylphthalate	15.52	149	245810	33.533	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	118184	32.402	ng	97
62) 4-Nitroaniline	15.80	138	58510	34.172	ng	95
63) Azobenzene	16.04	77	234856	35.833	ng	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	30059	23.620	ng	88
66) n-Nitrosodiphenylamine	15.97	169	207104	34.024	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	73320	33.200	ng	95
68) Hexachlorobenzene	16.76	284	74805	32.816	ng	96
69) Atrazine	16.91	200	76422	34.058	ng	96
70) Pentachlorophenol	17.11	266	76007	49.095	ng	97
71) Phenanthrene	17.51	178	382043	37.086	ng	98
72) Anthracene	17.60	178	389968	38.404	ng	99
73) Carbazole	17.88	167	350917	34.444	ng	99
74) Di-n-butylphthalate	18.40	149	428840	37.498	ng	99
75) Fluoranthene	19.52	202	451909	38.450	ng	98
77) Benzidine	19.70	184	96187	14.056	ng	97
78) Pyrene	19.88	202	455041	35.688	ng	98
80) Butylbenzylphthalate	20.75	149	193538	34.709	ng	100
81) Benzo(a)anthracene	21.73	228	433918	36.819	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	71849	15.651	ng	96
83) Chrysene	21.80	228	406475	36.048	ng	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	278338	35.003	ng	98
85) Di-n-octyl phthalate	22.83	149	477275	37.100	ng	99
86) Indeno(1,2,3-cd)pyrene	28.89	276	420000	33.537	ng	# 93
88) Benzo(b)fluoranthene	24.01	252	418910	37.245	ng	99
89) Benzo(k)fluoranthene	24.08	252	406857	36.659	ng	100
90) Benzo(a)pyrene	24.91	252	403884	37.574	ng	98
91) Dibenzo(a,h)anthracene	28.95	278	347640	33.613	ng	98
92) Benzo(g,h,i)perylene	30.09	276	343064	33.361	ng	100

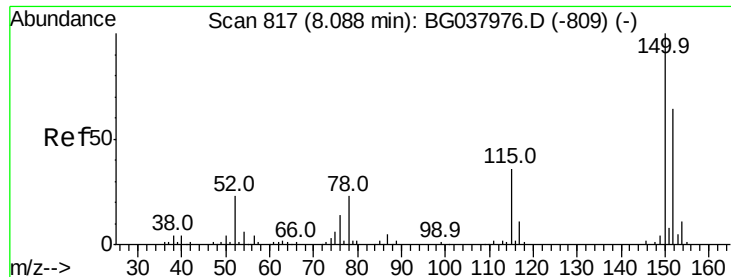
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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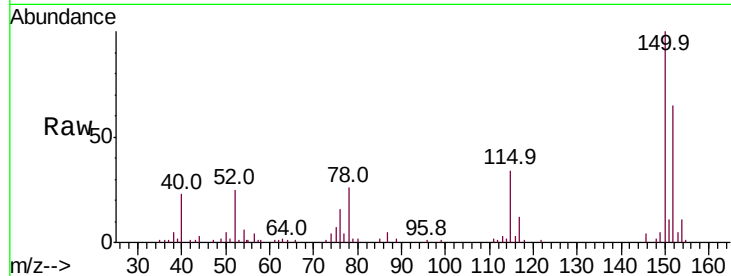


#1

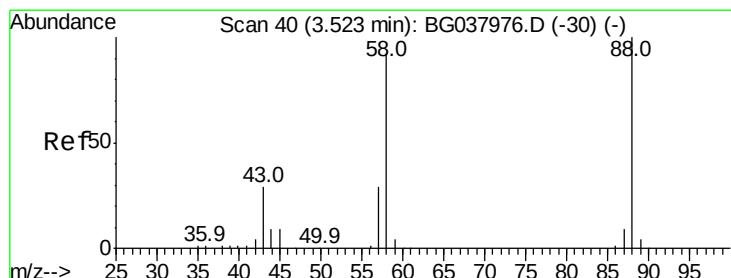
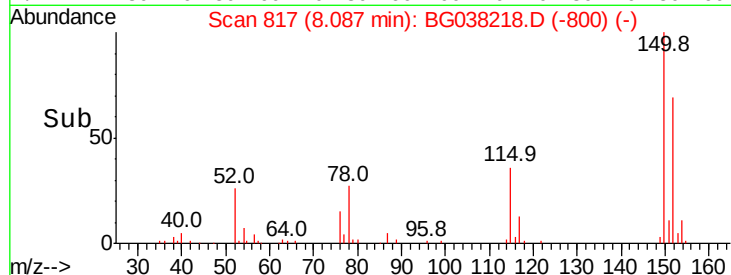
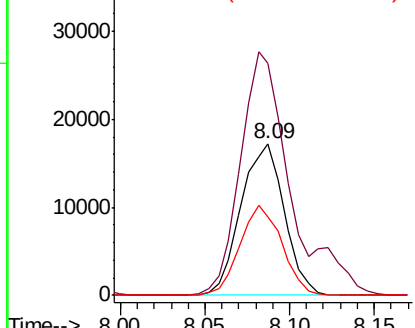
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

Instrument :
BNA_G
ClientSampleId :
PB115103BS

Tot Ion:152 Resp: 30647
Ion Ratio Lower Upper
152 100
150 152.9 126.0 189.0
115 51.6 45.5 68.3



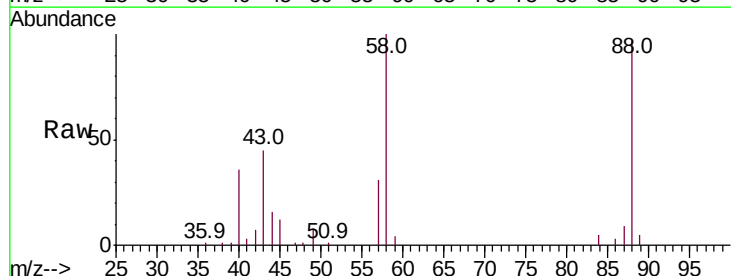
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



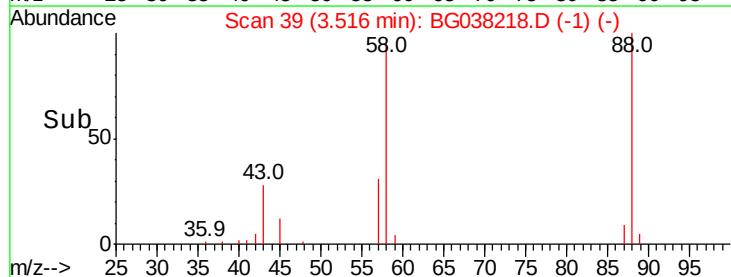
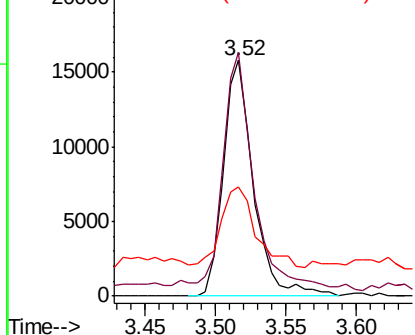
#2

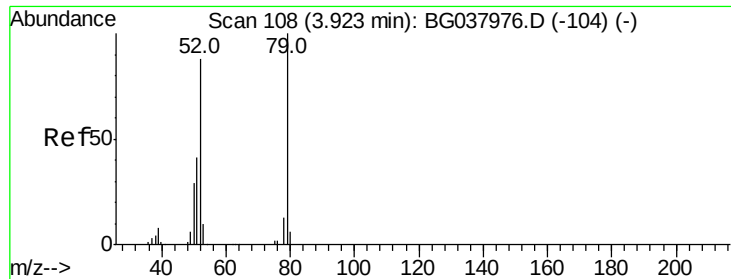
1,4-Dioxane
Concen: 27.789 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

Tgt Ion: 88 Resp: 23299
Ion Ratio Lower Upper
88 100
58 106.4 74.4 111.6
43 39.2 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: 28.132 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

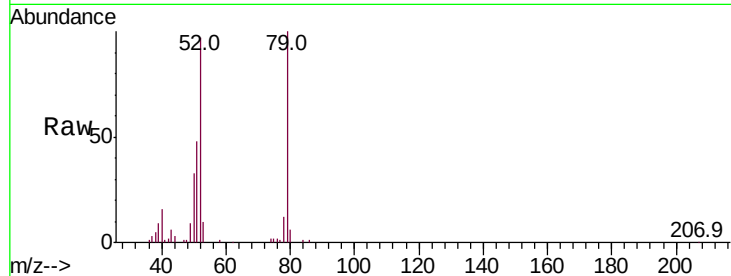
Tot Ion: 79 Resp: 67283

Ion Ratio Lower Upper

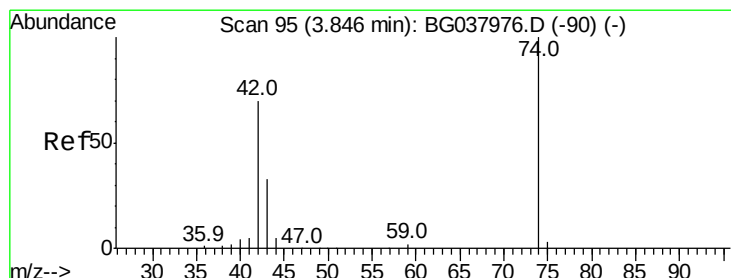
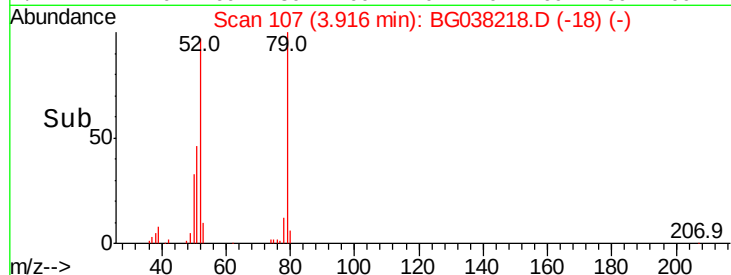
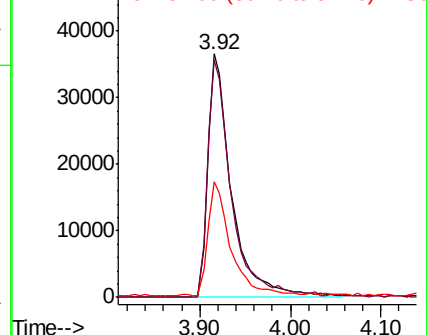
79 100

52 97.3 74.2 111.2

51 47.6 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: 41.908 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

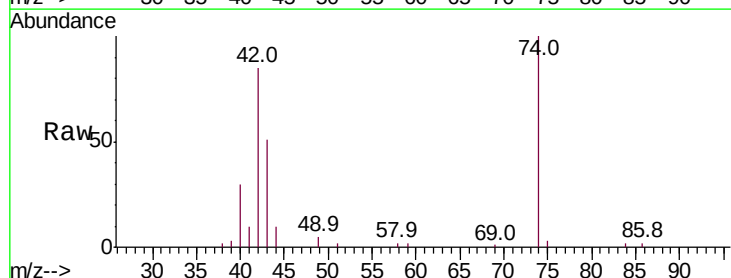
Tgt Ion: 42 Resp: 36363

Ion Ratio Lower Upper

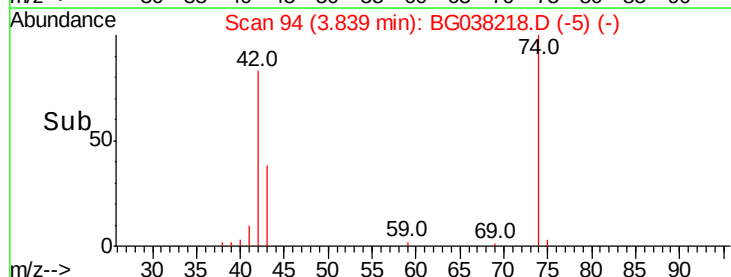
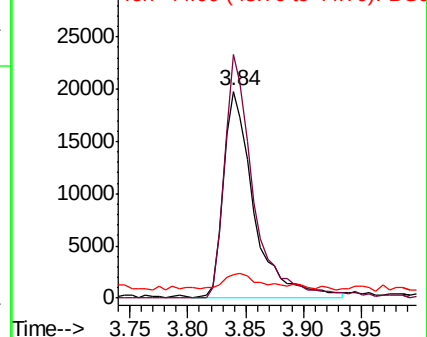
42 100

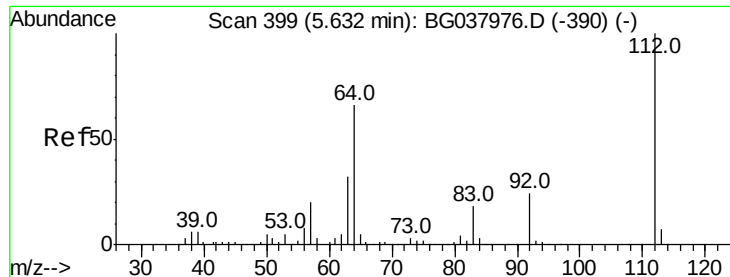
74 117.8 102.0 153.0

44 11.7 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: 83.571 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

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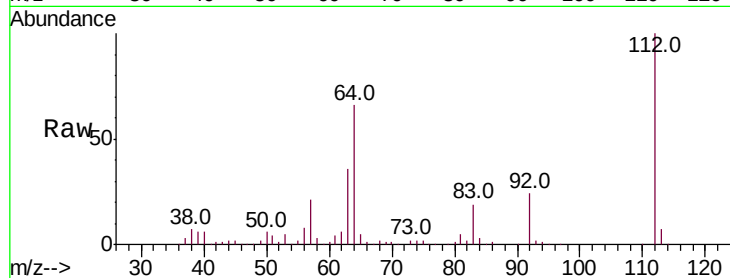
Tot Ion:112 Resp: 148340

Ion Ratio Lower Upper

112 100

64 66.1 53.1 79.7

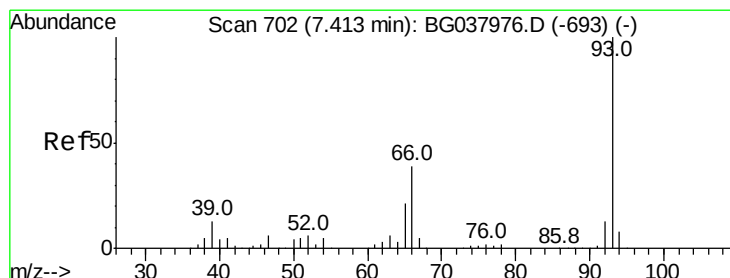
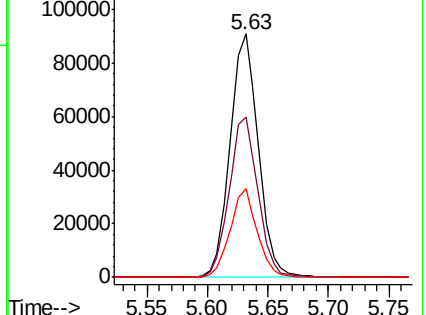
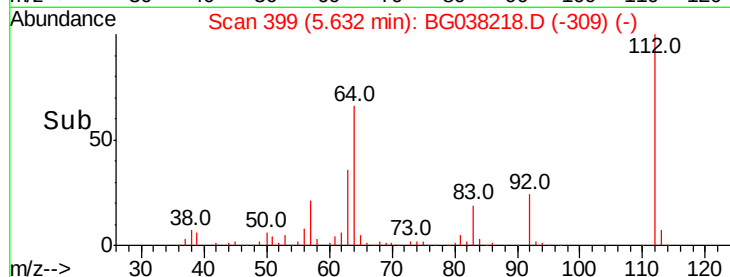
63 36.2 27.3 40.9



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: 10.611 ng

RT: 7.41 min Scan# 702

Delta R.T. -0.00 min

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Acq: 29 Nov 2018 3:07

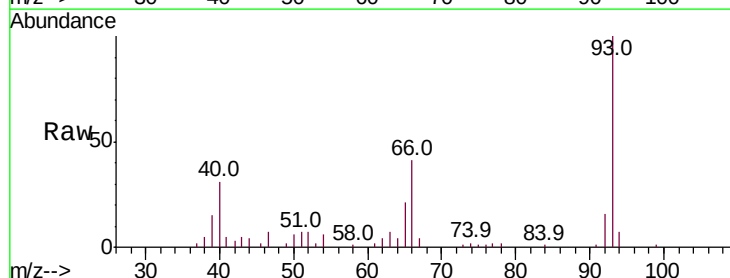
Tgt Ion: 93 Resp: 34701

Ion Ratio Lower Upper

93 100

66 40.6 32.8 49.2

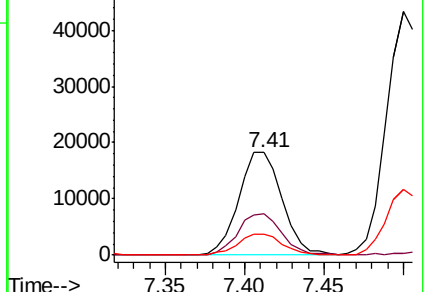
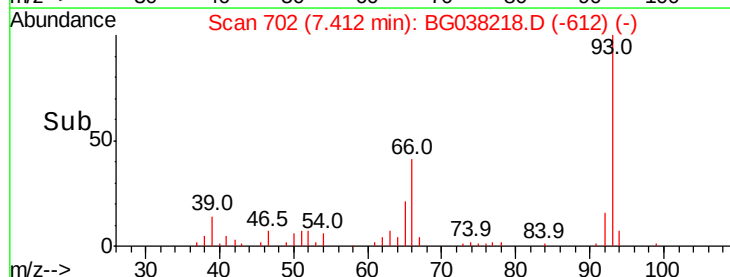
65 21.0 16.4 24.6

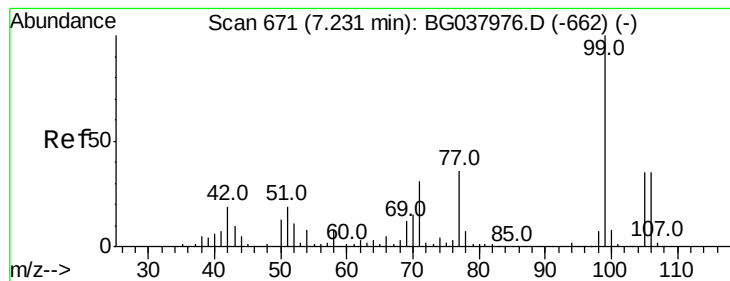


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.074 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038218.D

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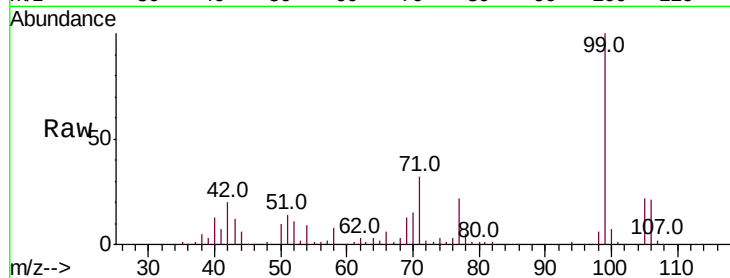
Tot Ion: 99 Resp: 202888

Ion Ratio Lower Upper

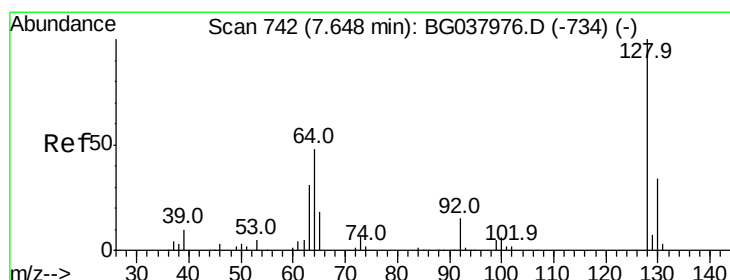
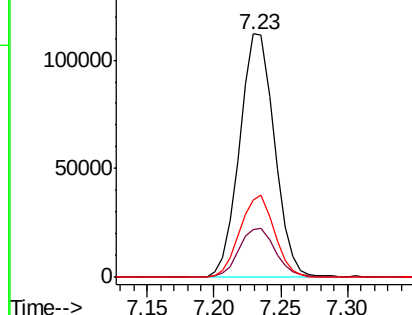
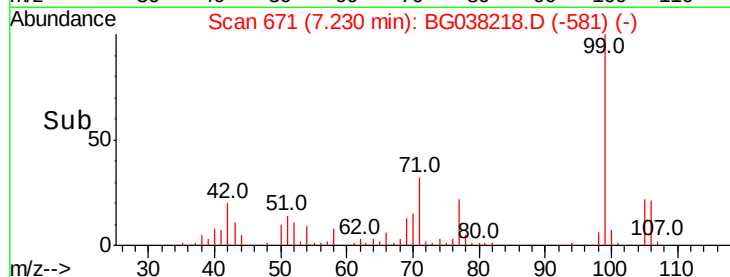
99 100

42 19.8 15.0 22.4

71 31.9 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: 38.347 ng

RT: 7.65 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

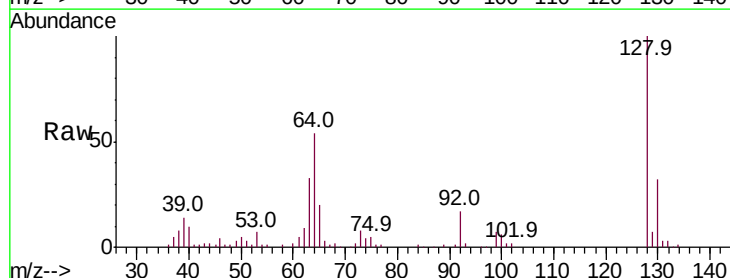
Tgt Ion: 128 Resp: 78981

Ion Ratio Lower Upper

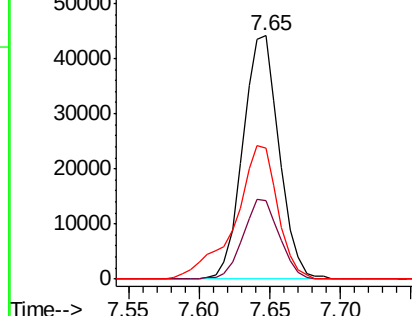
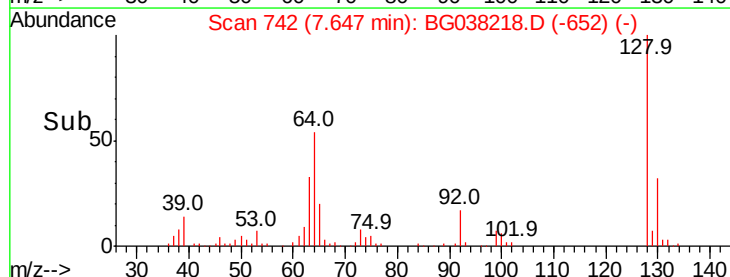
128 100

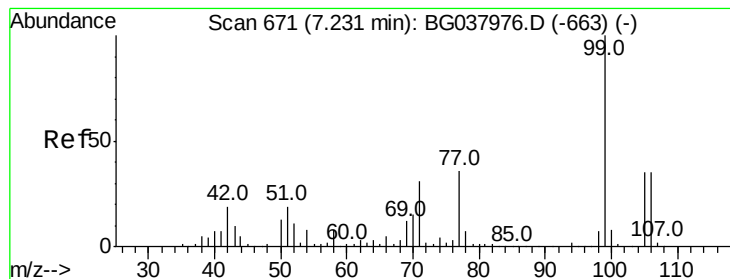
130 32.4 12.0 52.0

64 53.8 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: 27.424 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

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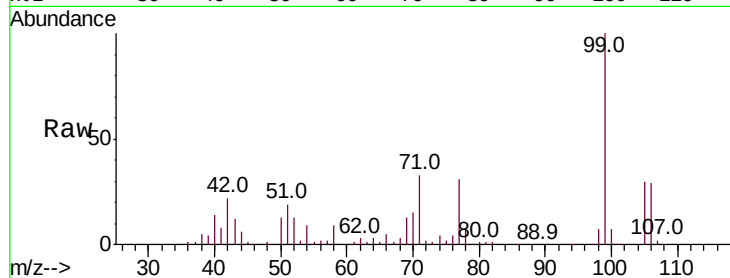
Tot Ion: 77 Resp: 50250

Ion Ratio Lower Upper

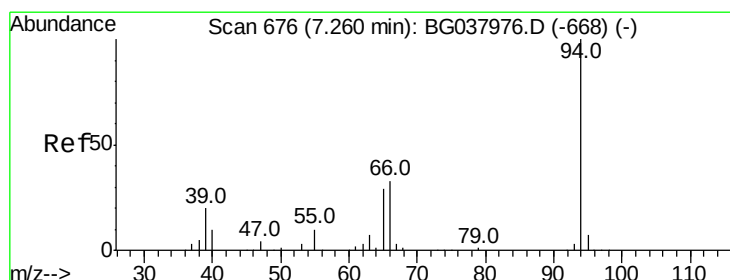
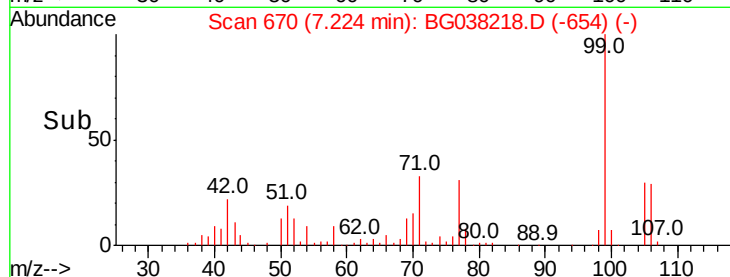
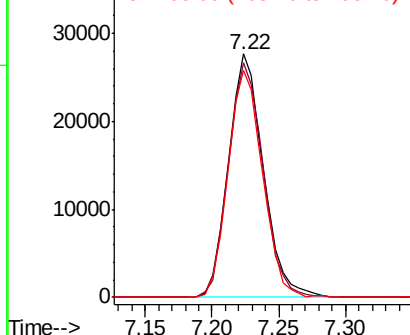
77 100

105 96.3 72.6 112.6

106 93.3 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: 38.760 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

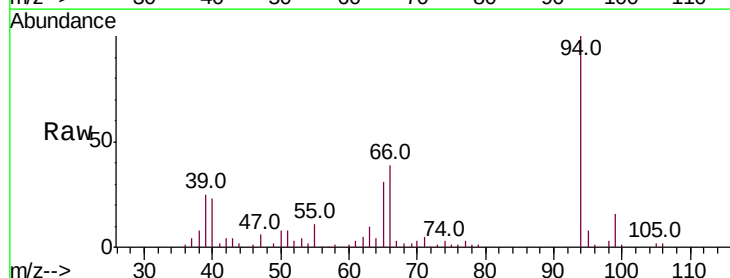
Tgt Ion: 94 Resp: 104024

Ion Ratio Lower Upper

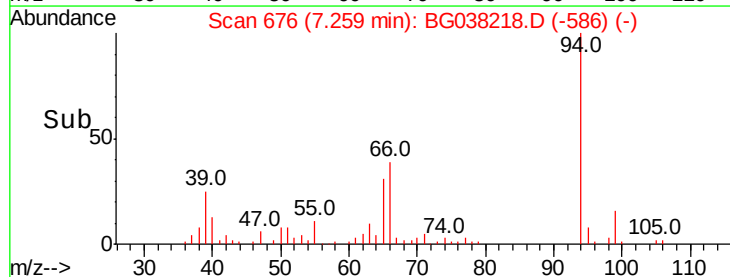
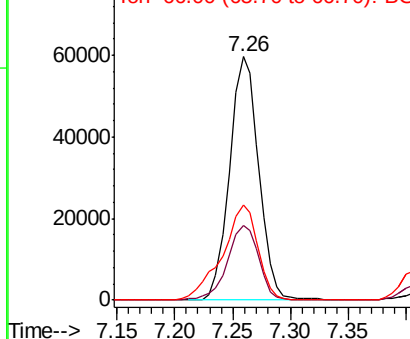
94 100

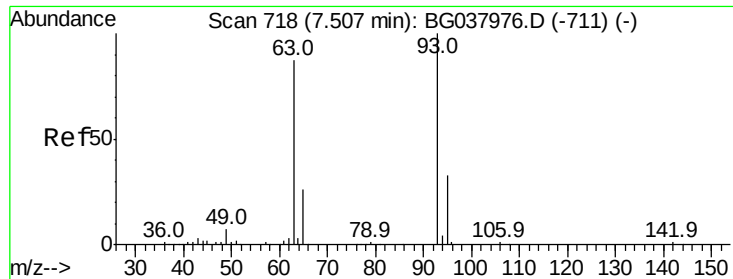
65 30.9 9.7 49.7

66 38.9 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 33.541 ng

RT: 7.50 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

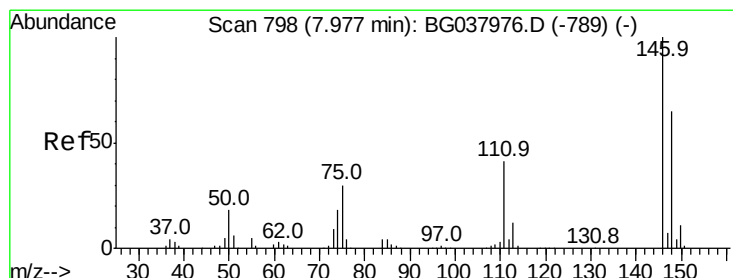
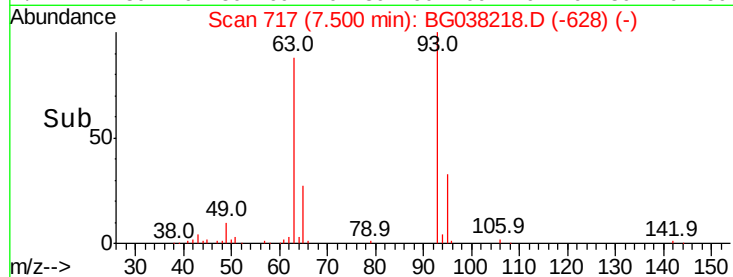
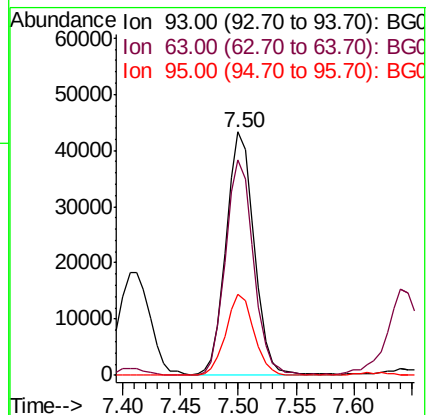
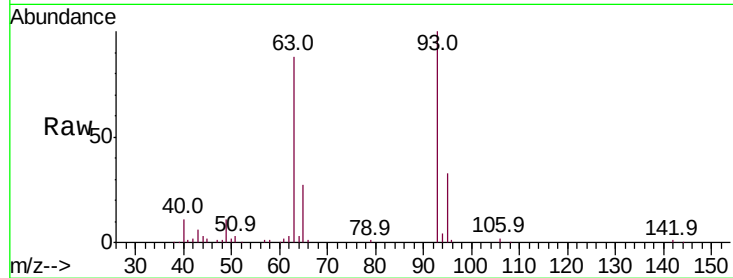
Tot Ion: 93 Resp: 73488

Ion Ratio Lower Upper

93 100

63 88.4 69.5 109.5

95 33.3 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 33.298 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

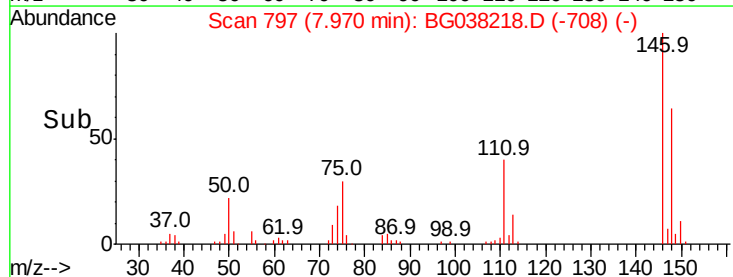
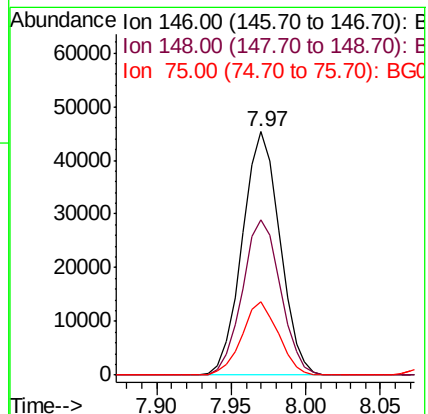
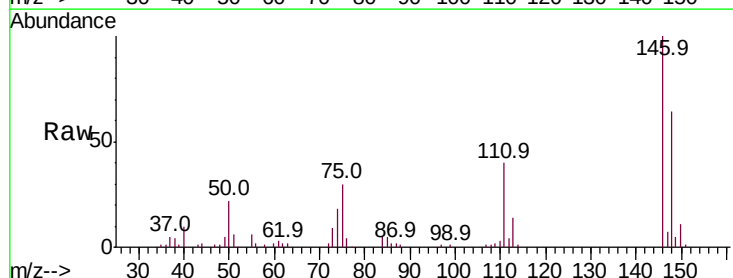
Tgt Ion: 146 Resp: 79008

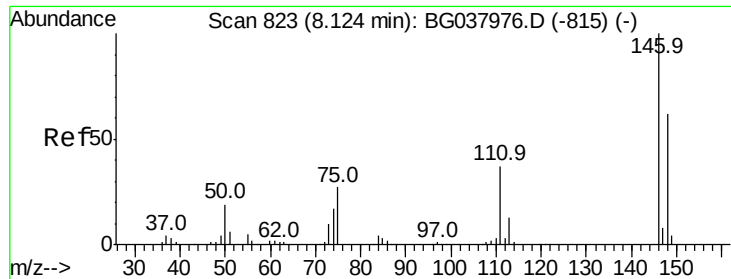
Ion Ratio Lower Upper

146 100

148 63.8 49.8 74.8

75 30.4 23.2 34.8

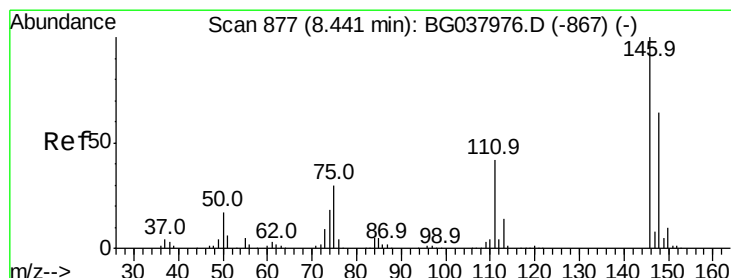
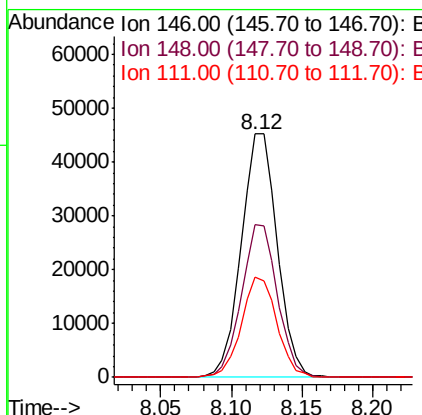
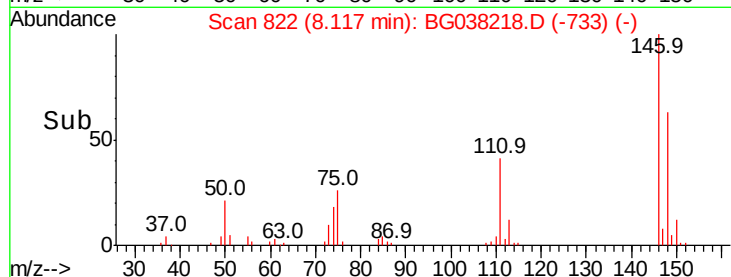
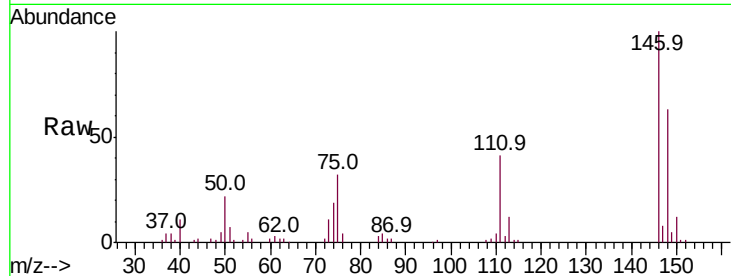




#13
 1,4-Dichlorobenzene
 Concen: 33.675 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

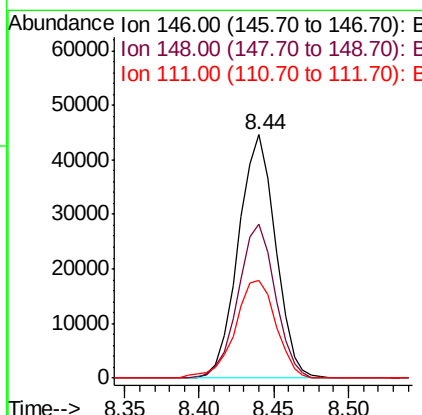
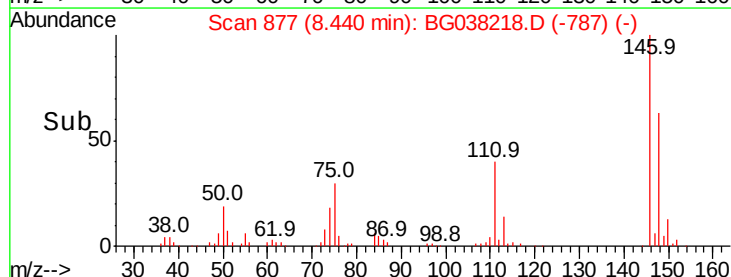
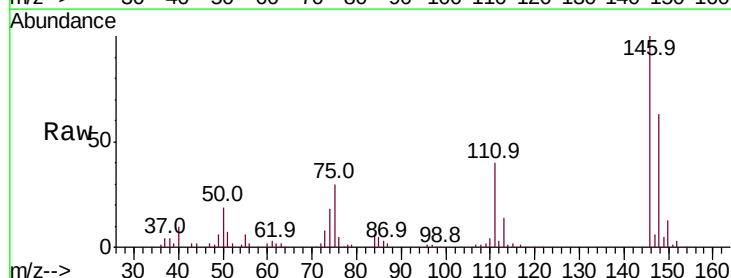
Instrument :
 BNA_G
 ClientSampleId :
 PB115103BS

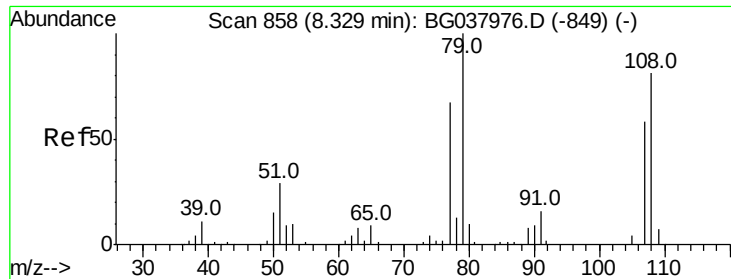
Tot Ion:146 Resp: 80714
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.0 76.6
 111 41.4 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 33.644 ng
 RT: 8.44 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

Tgt Ion:146 Resp: 76988
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.4 75.6
 111 40.0 34.6 51.8





#15

Benzyl Alcohol

Concen: 38.448 ng

RT: 8.32 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

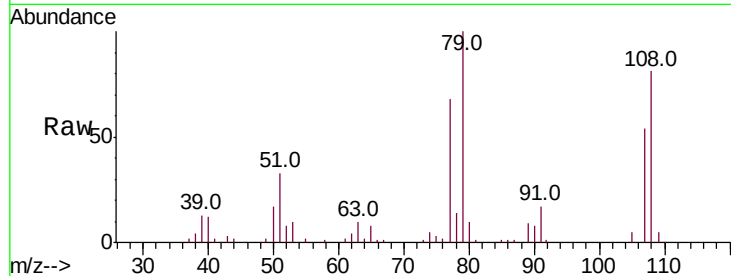
Tot Ion: 79 Resp: 70490

Ion Ratio Lower Upper

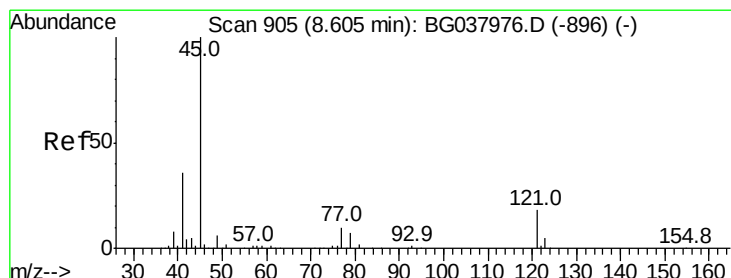
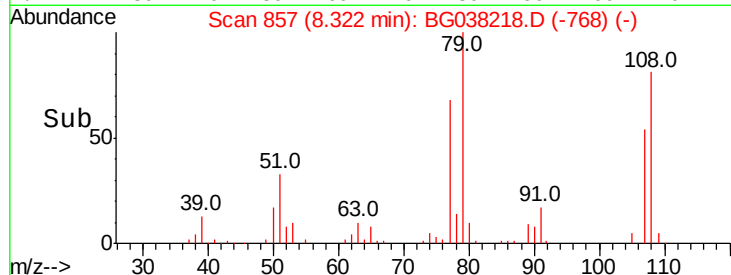
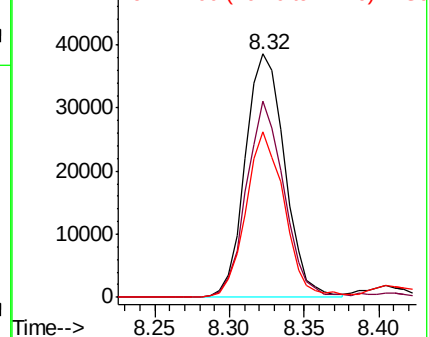
79 100

108 80.8 65.8 98.8

77 67.8 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: 38.433 ng

RT: 8.60 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

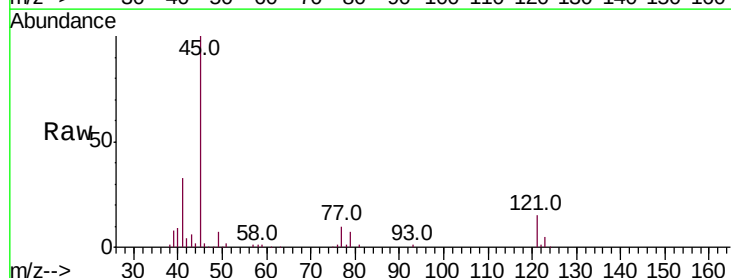
Tgt Ion: 45 Resp: 156364

Ion Ratio Lower Upper

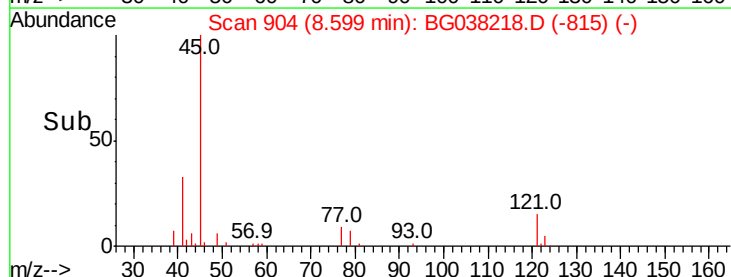
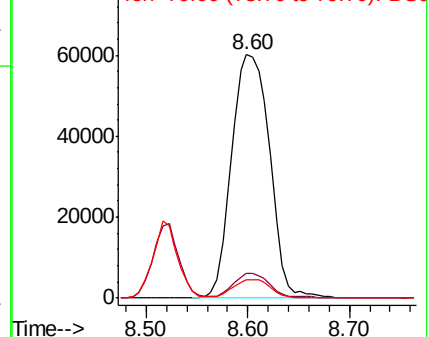
45 100

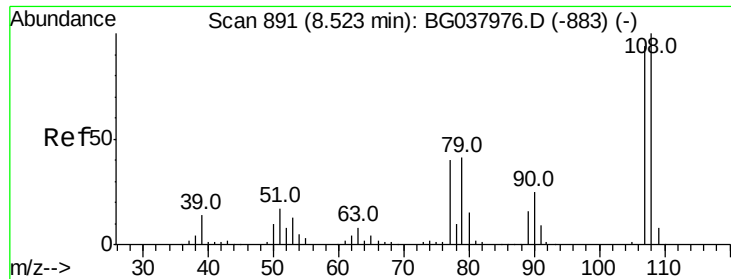
77 10.3 0.0 30.0

79 7.5 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: 39.015 ng

RT: 8.52 min Scan# 891

Delta R.T. -0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

Tot Ion:107 Resp: 70791

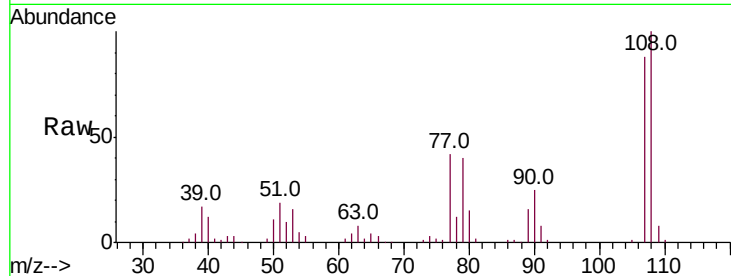
Ion Ratio Lower Upper

107 100

108 113.1 87.9 131.9

77 47.4 35.1 52.7

79 45.2 34.5 51.7

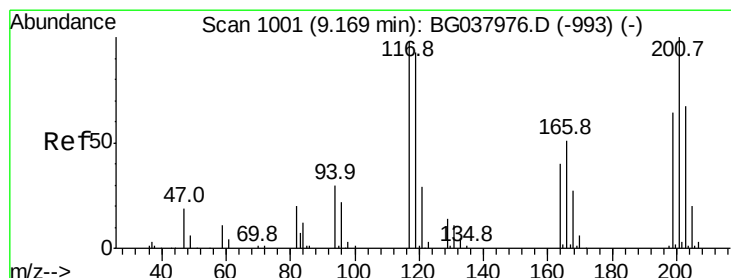
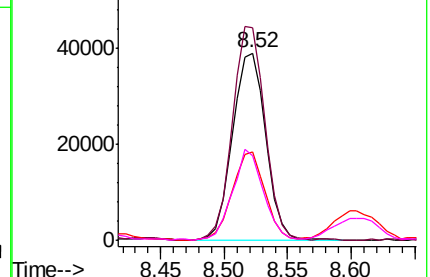
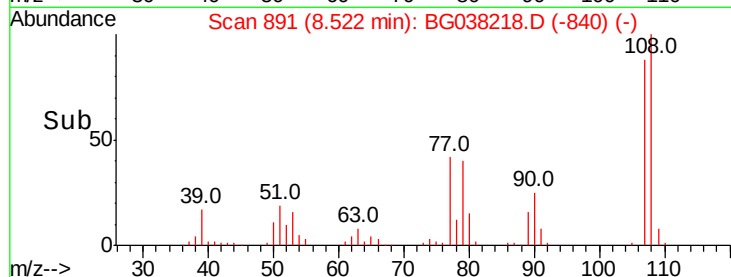


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.134 ng

RT: 9.17 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

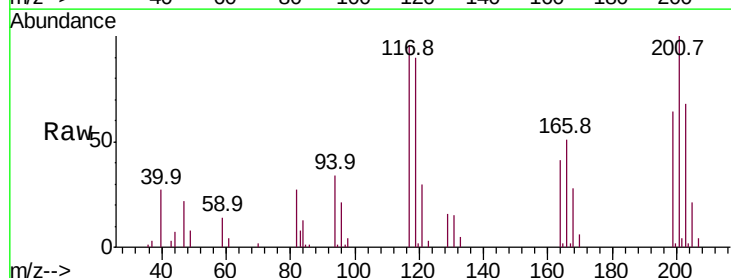
Tgt Ion:117 Resp: 28903

Ion Ratio Lower Upper

117 100

119 94.0 74.6 111.8

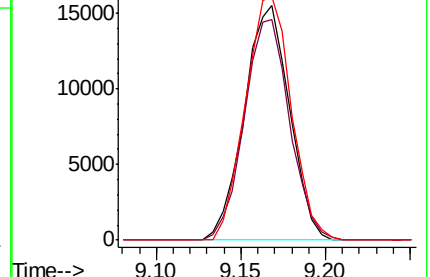
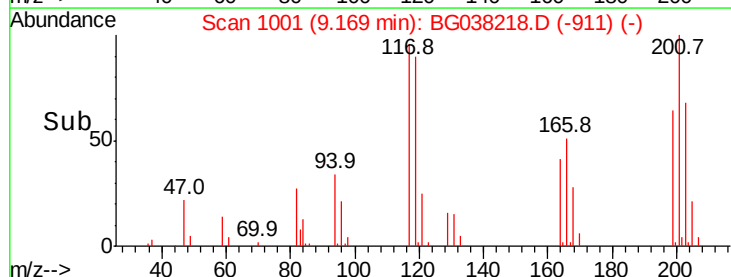
201 107.8 80.8 121.2

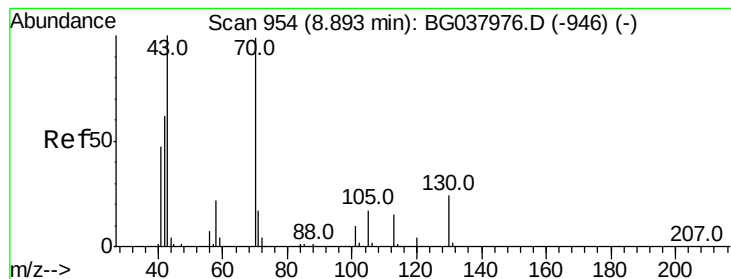


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 32.970 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

Tot Ion: 70 Resp: 60446

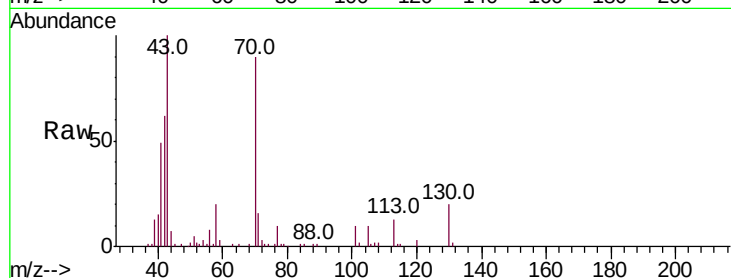
Ion Ratio Lower Upper

70 100

42 68.7 53.9 80.9

101 11.0 8.2 12.2

130 22.1 18.2 27.4

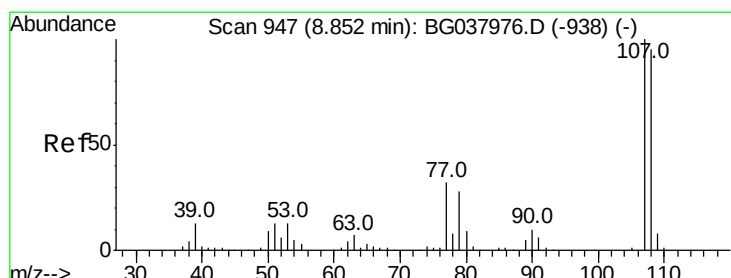
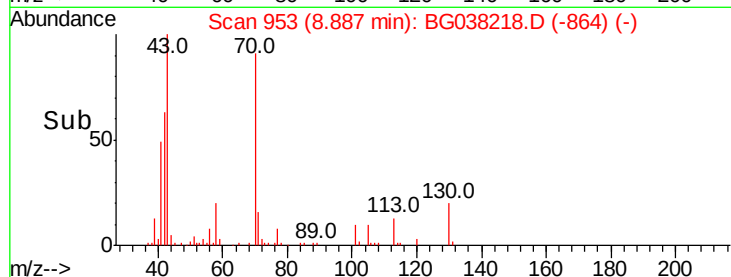
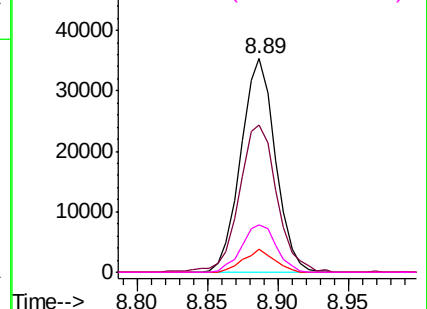


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 36.760 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Tgt Ion: 107 Resp: 94554

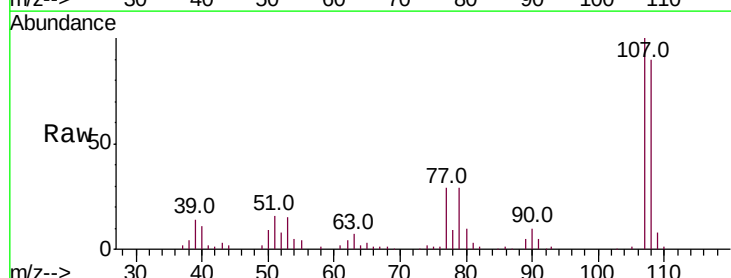
Ion Ratio Lower Upper

107 100

108 90.2 69.9 109.9

77 29.0 11.2 51.2

79 28.6 6.6 46.6

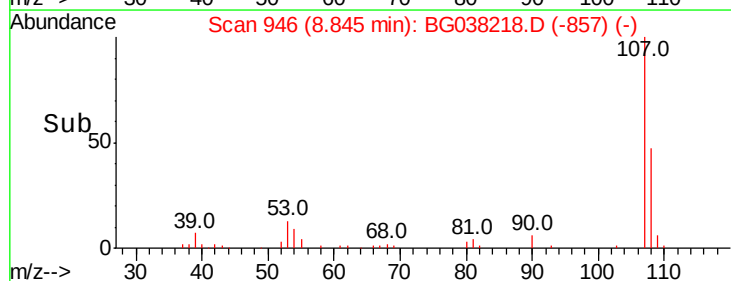
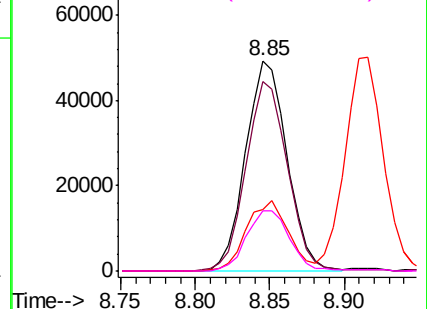


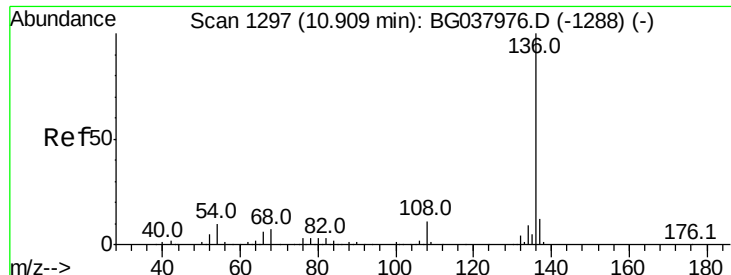
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

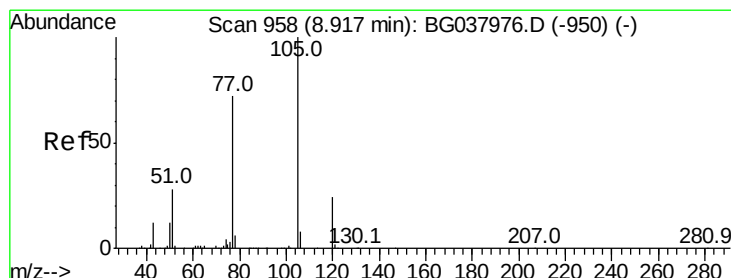
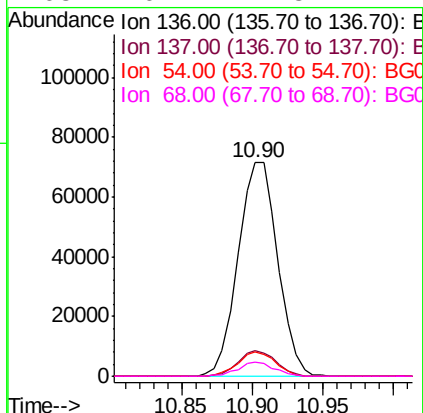
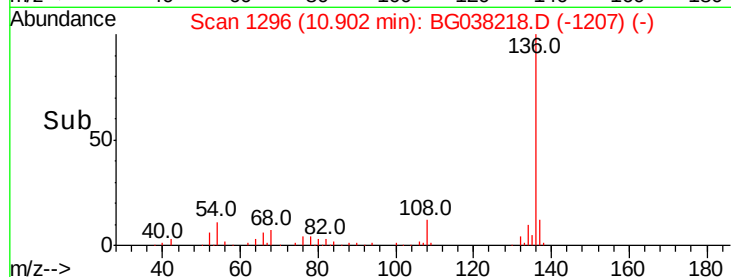
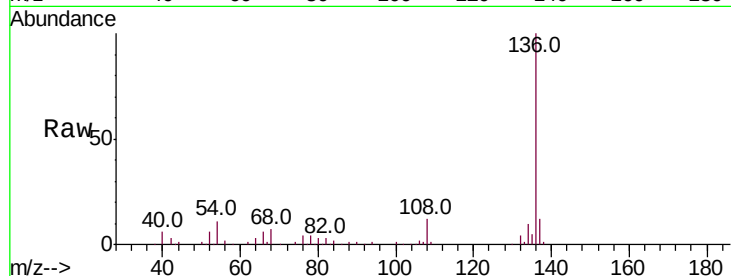




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

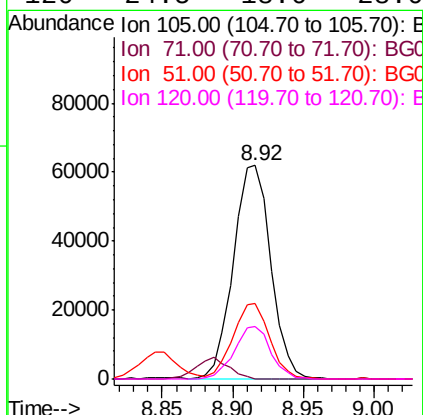
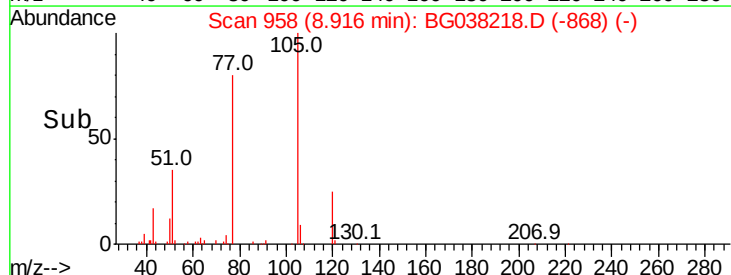
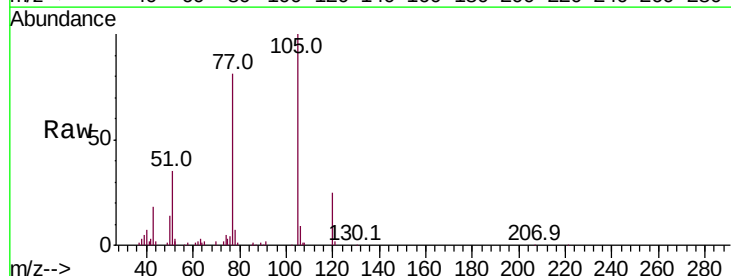
Instrument :
BNA_G
ClientSampleId :
PB115103BS

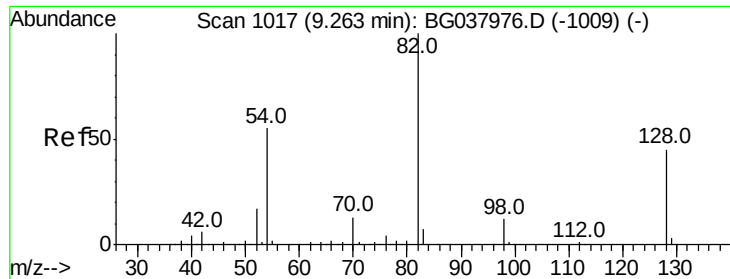
Tot Ion:136	Resp:	140449
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.6 14.4
54	11.2	7.9 11.9
68	6.7	4.8 7.2



#22
Acetophenone
Concen: 32.931 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

Tgt Ion:105	Resp:	115076
Ion Ratio	Lower	Upper
105	100	
71	0.0	1.2 1.8#
51	35.2	25.0 37.6
120	24.5	18.6 28.0

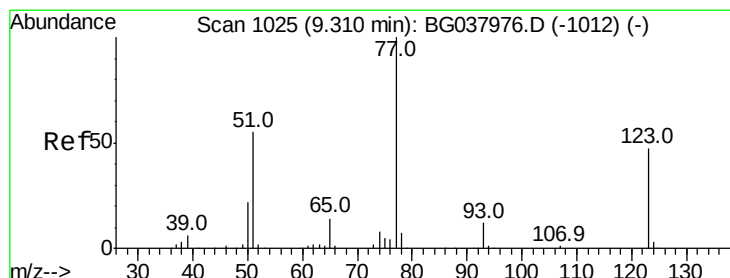
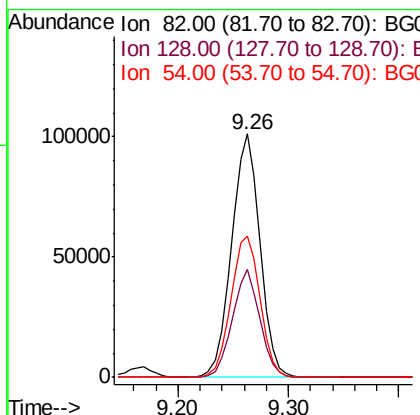
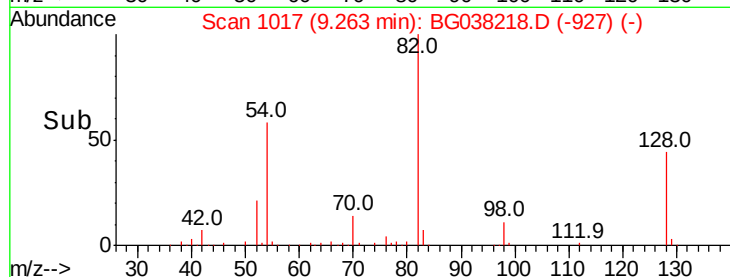
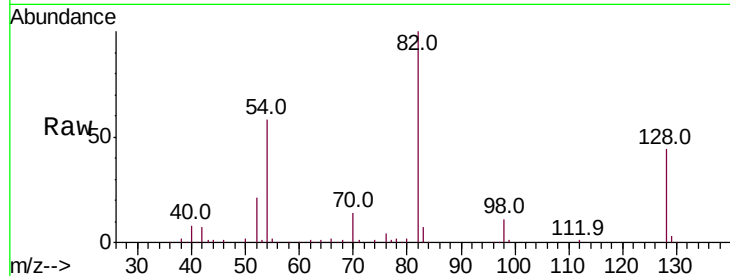




#23
 Nitrobenzene-d5
 Concen: 69.557 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

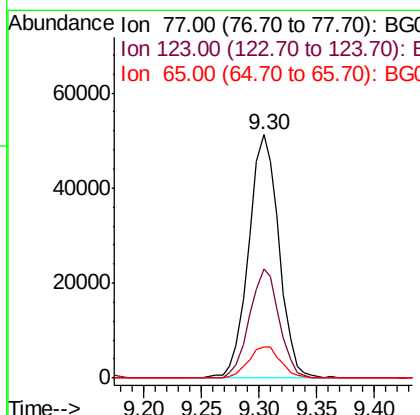
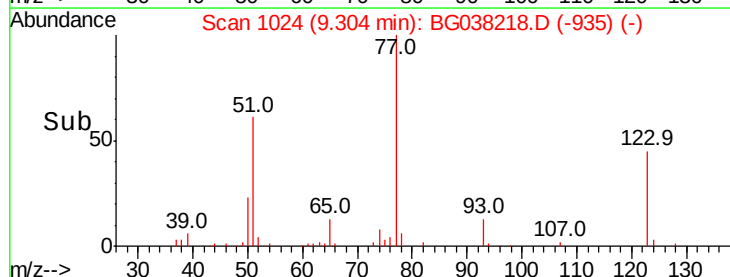
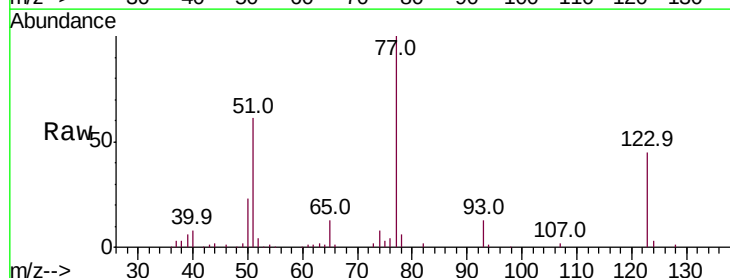
Instrument :
 BNA_G
 ClientSampleId :
 PB115103BS

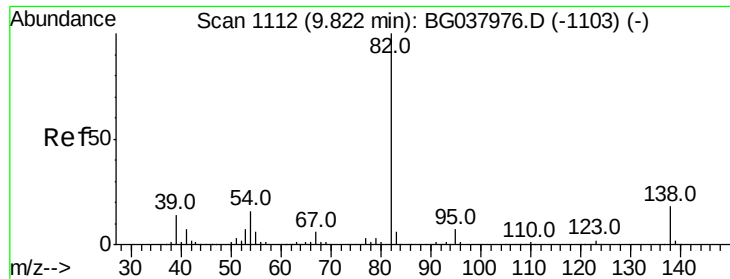
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	51.8
54	58.1	45.3	67.9



#24
 Nitrobenzene
 Concen: 34.896 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	33.6	50.4
65	12.7	11.3	16.9





#25

Isophorone

Concen: 35.603 ng

RT: 9.81 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

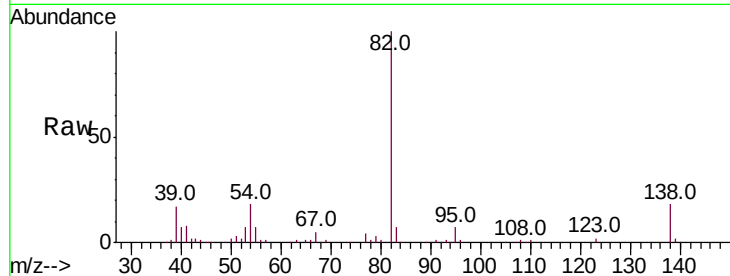
Tot Ion: 82 Resp: 168134

Ion Ratio Lower Upper

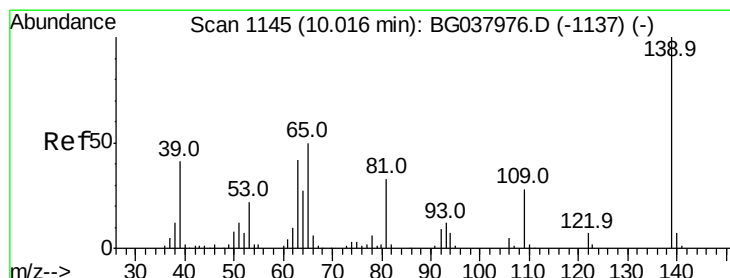
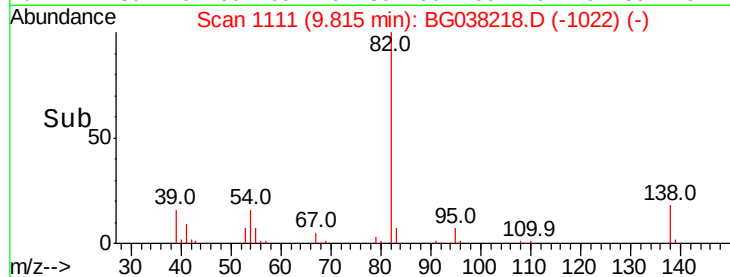
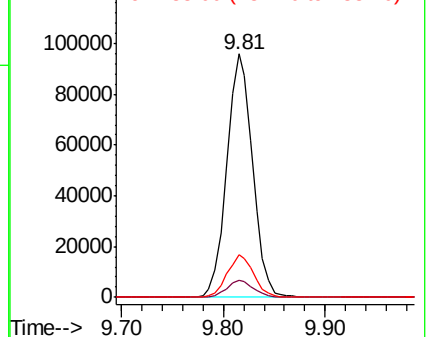
82 100

95 7.0 5.3 7.9

138 17.7 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: 32.416 ng

RT: 10.01 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

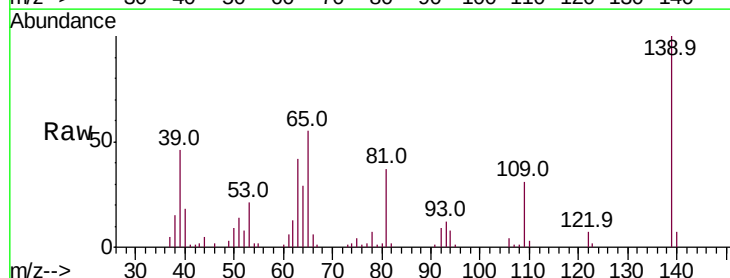
Tgt Ion: 139 Resp: 43434

Ion Ratio Lower Upper

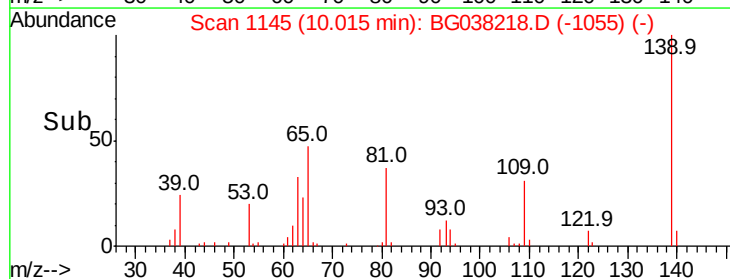
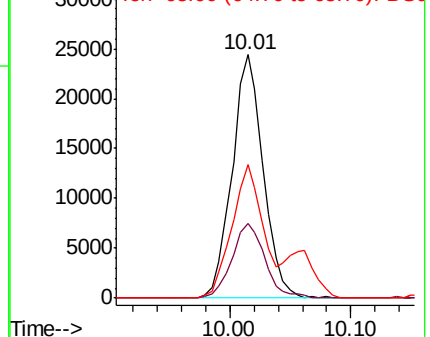
139 100

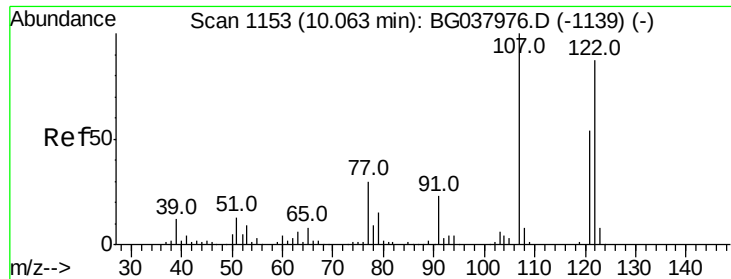
109 30.7 23.3 34.9

65 55.0 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

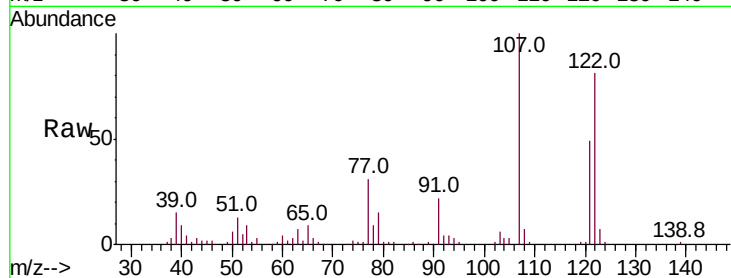




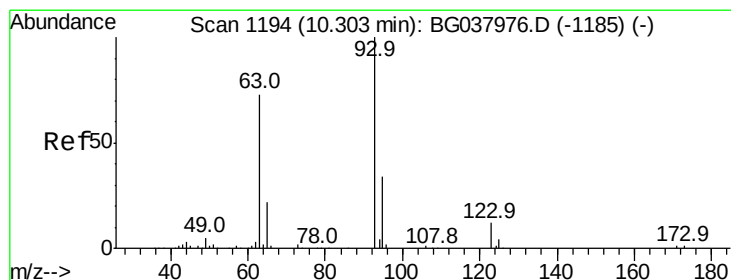
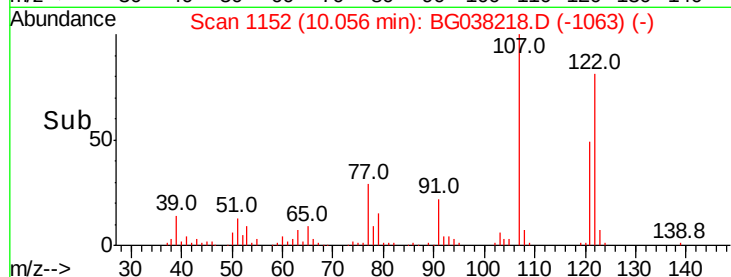
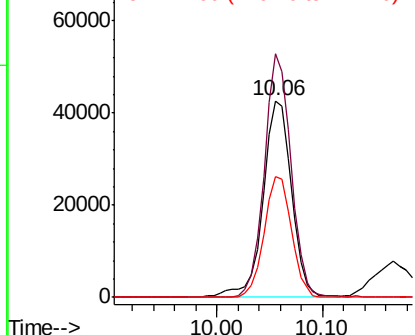
#27
 2,4-Dimethylphenol
 Concen: 39.613 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

Instrument :
 BNA_G
 ClientSampleId :
 PB115103BS

Tot Ion:122 Resp: 79972
 Ion Ratio Lower Upper
 122 100
 107 123.9 94.2 141.2
 121 61.2 47.3 70.9

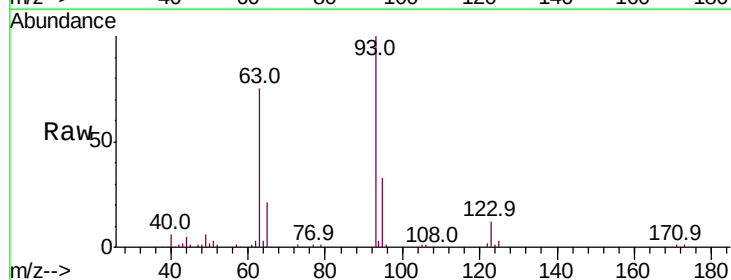


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

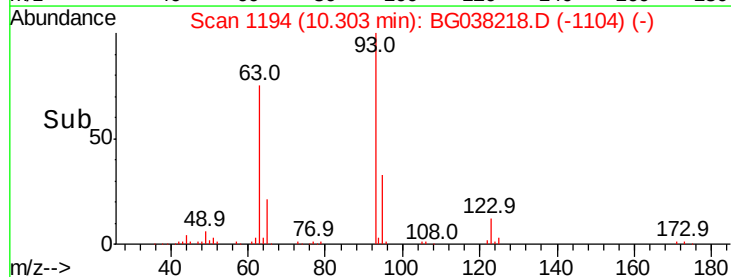
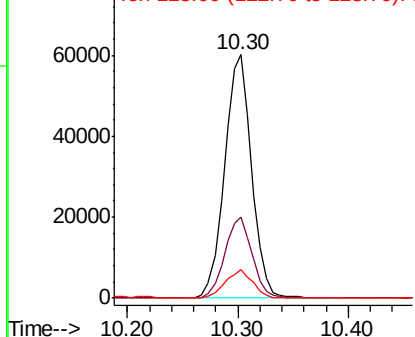


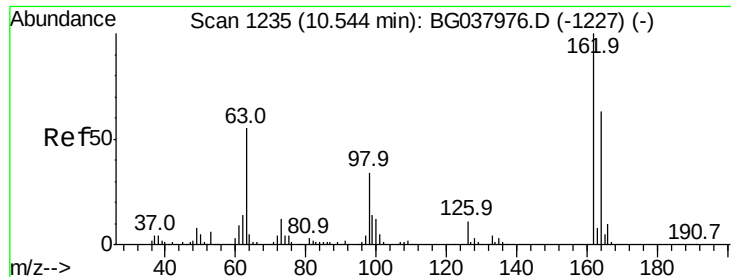
#28
 bis(2-Chloroethoxy)methane
 Concen: 33.874 ng
 RT: 10.30 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

Tgt Ion: 93 Resp: 102290
 Ion Ratio Lower Upper
 93 100
 95 33.3 24.6 37.0
 123 11.7 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

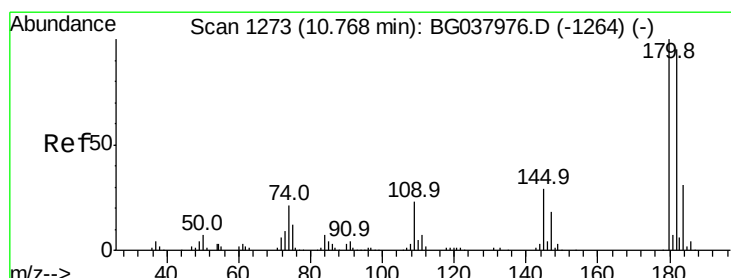
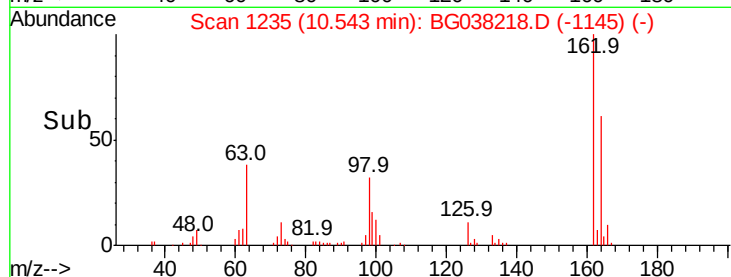
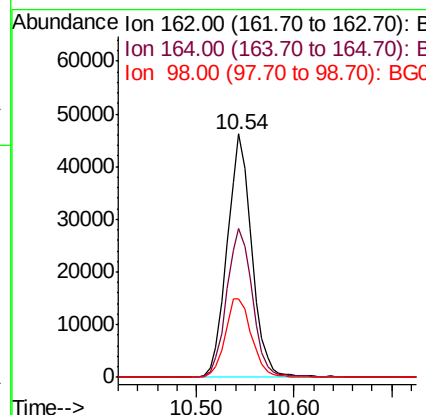
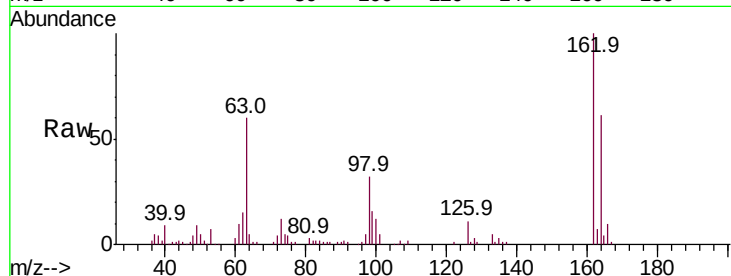




#29
 2,4-Dichlorophenol
 Concen: 35.579 ng
 RT: 10.54 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

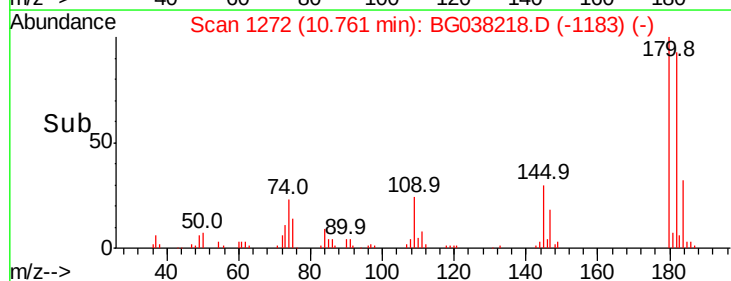
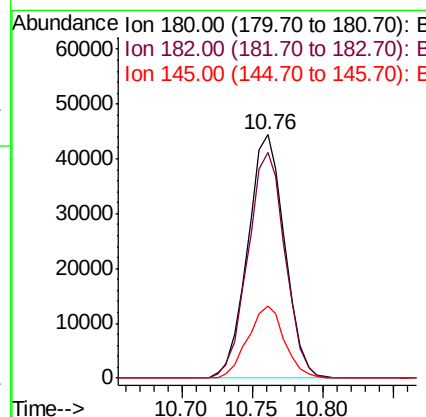
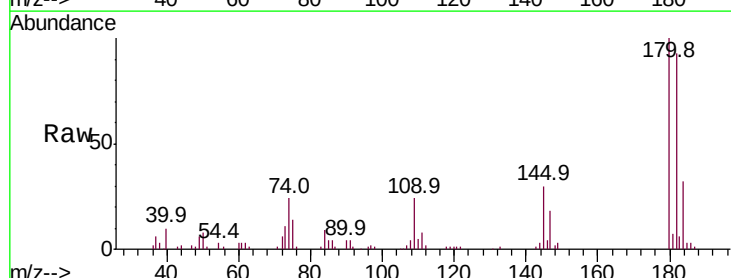
Instrument :
 BNA_G
 ClientSampleId :
 PB115103BS

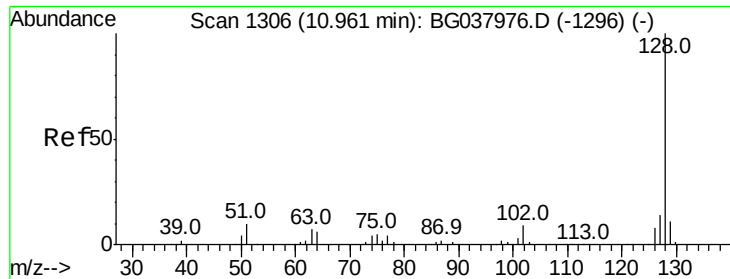
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.2	43.2	83.2
98	32.3	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 32.033 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	77.7	116.5
145	29.7	23.3	34.9

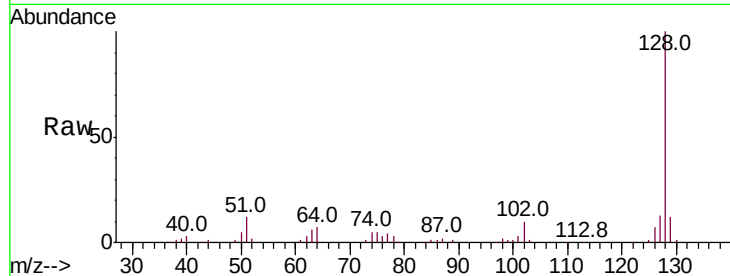




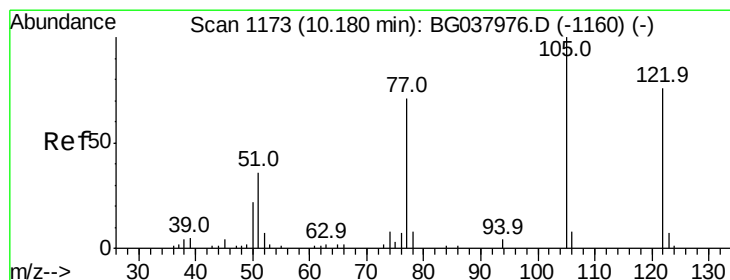
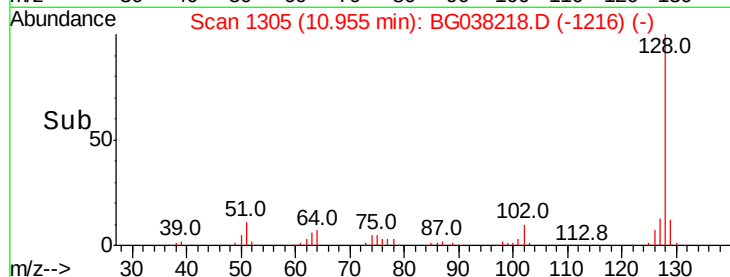
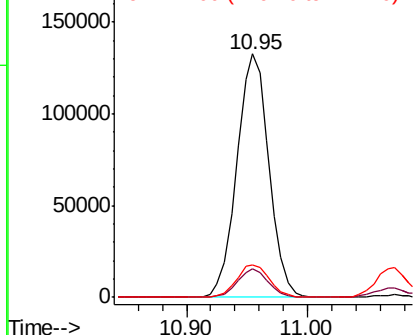
#31
Naphthalene
Concen: 35.402 ng
RT: 10.95 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

Instrument :
BNA_G
ClientSampleId :
PB115103BS

Tot Ion:128 Resp: 244554
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.3 11.1 16.7

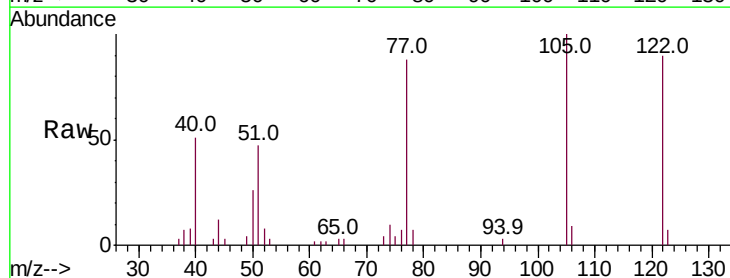


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

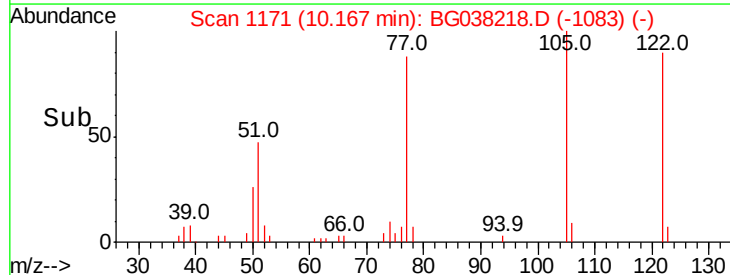
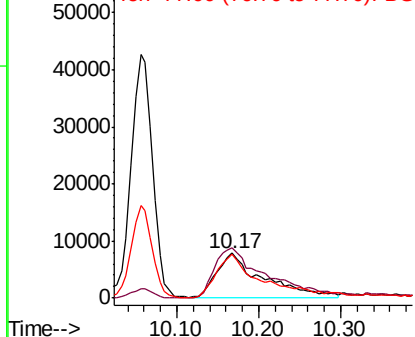


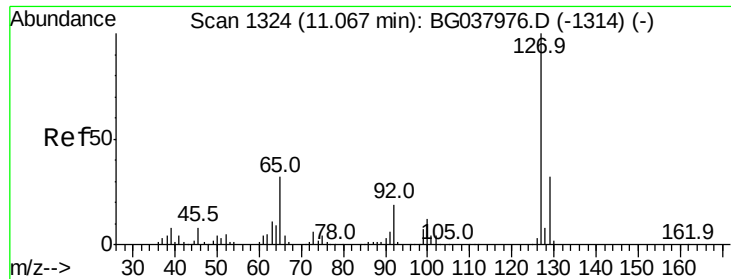
#32
Benzoic acid
Concen: 29.394 ng
RT: 10.17 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

Tgt Ion:122 Resp: 29847
Ion Ratio Lower Upper
122 100
105 111.6 106.7 146.7
77 97.7 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): BGC

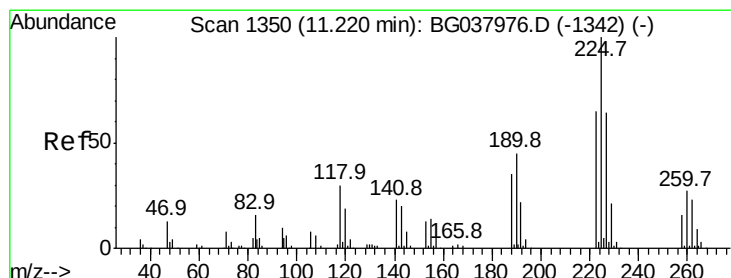
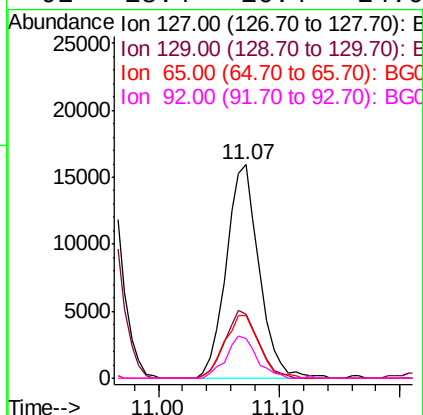
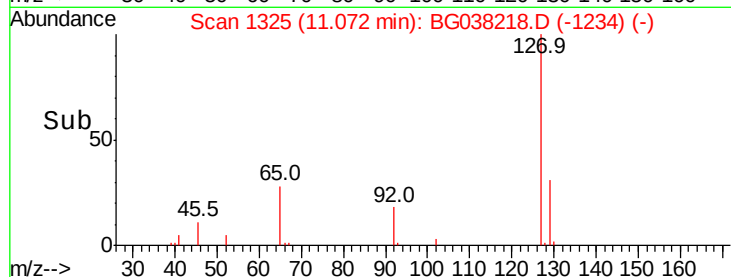
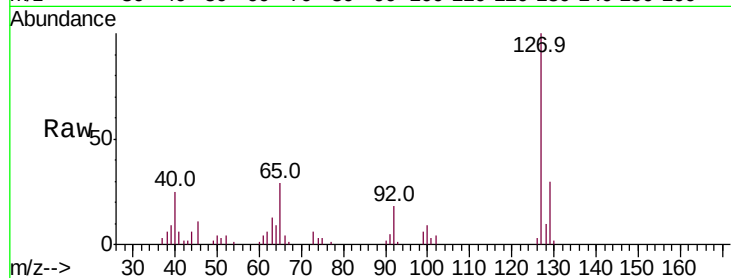




#33
4-Chloroaniline
Concen: 9.357 ng
RT: 11.07 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

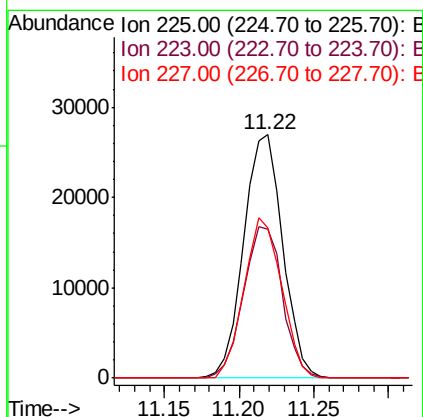
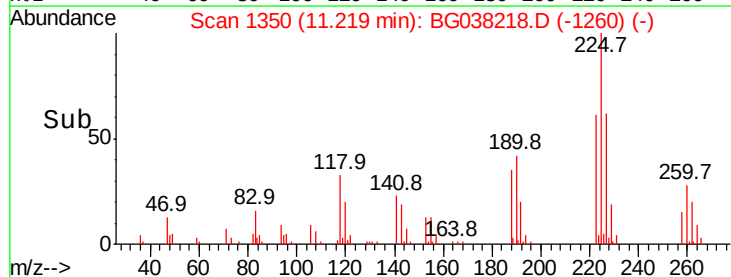
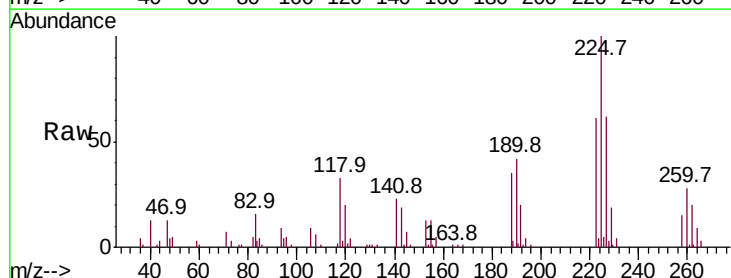
Instrument :
BNA_G
ClientSampleId :
PB115103BS

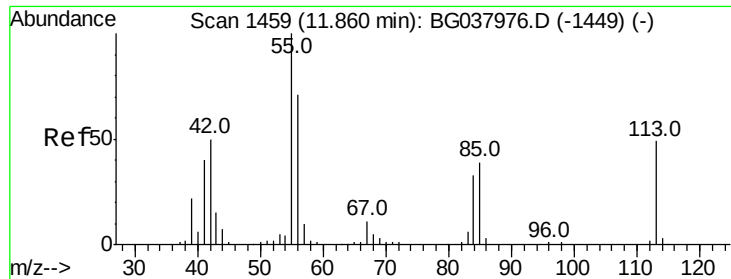
Tot Ion:127 Resp: 30066
Ion Ratio Lower Upper
127 100
129 30.2 27.1 40.7
65 29.1 26.6 39.8
92 18.4 16.4 24.6



#34
Hexachlorobutadiene
Concen: 31.064 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

Tgt Ion:225 Resp: 48649
Ion Ratio Lower Upper
225 100
223 58.6 48.2 72.4
227 61.7 51.6 77.4





#35

Caprolactam

Concen: 30.559 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

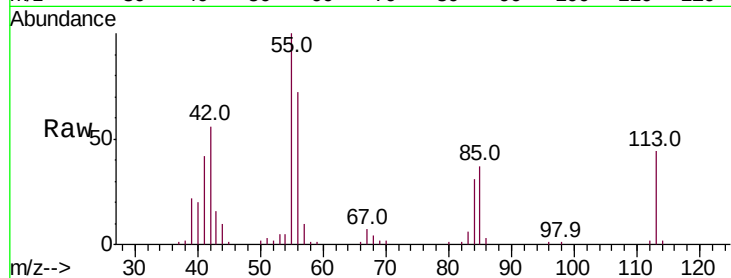
Tot Ion:113 Resp: 27776

Ion Ratio Lower Upper

113 100

55 228.8 176.6 216.6#

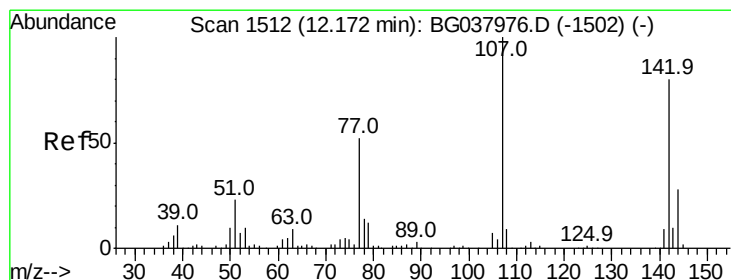
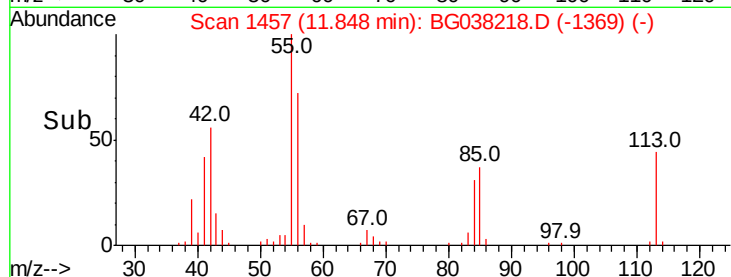
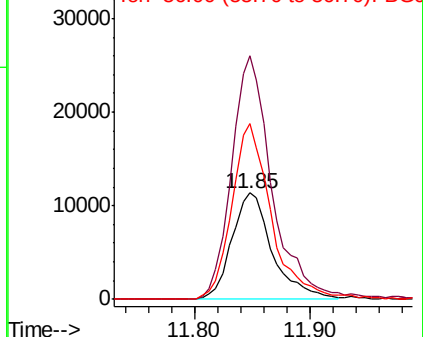
56 165.1 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 36.065 ng

RT: 12.17 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

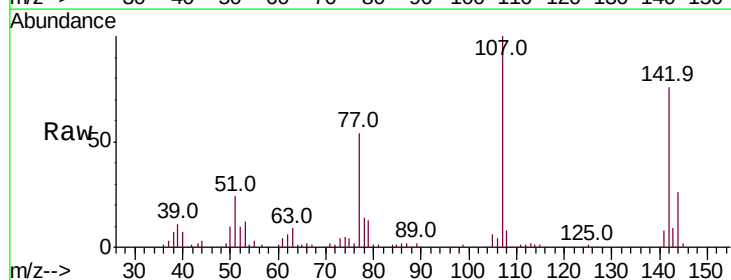
Tgt Ion:107 Resp: 89472

Ion Ratio Lower Upper

107 100

144 25.9 20.7 31.1

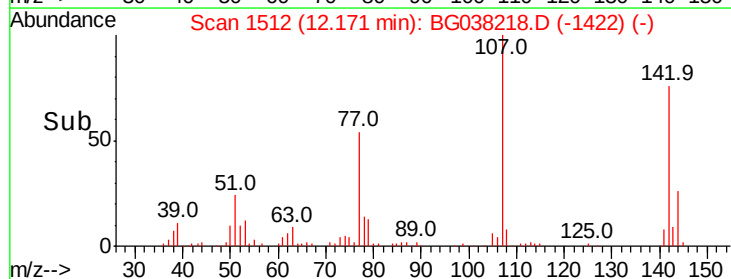
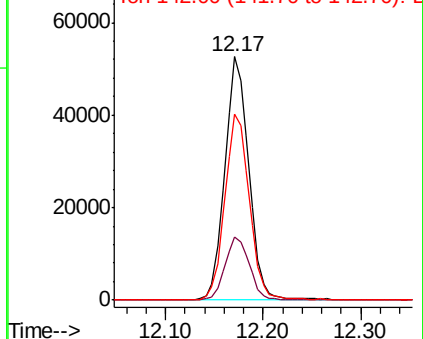
142 76.3 64.4 96.6

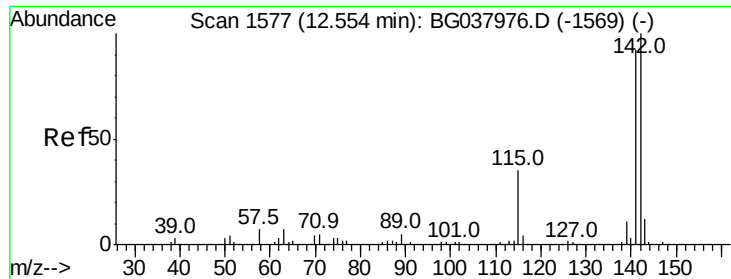


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

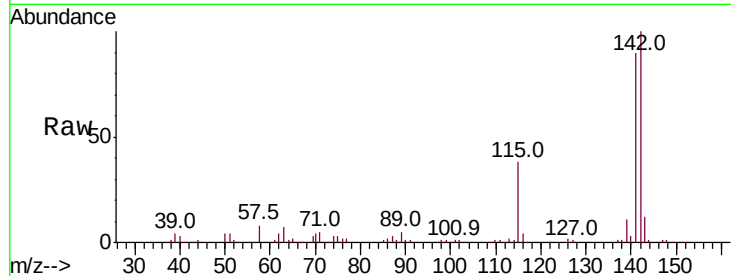




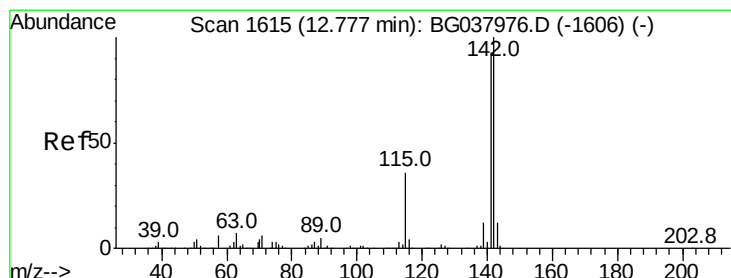
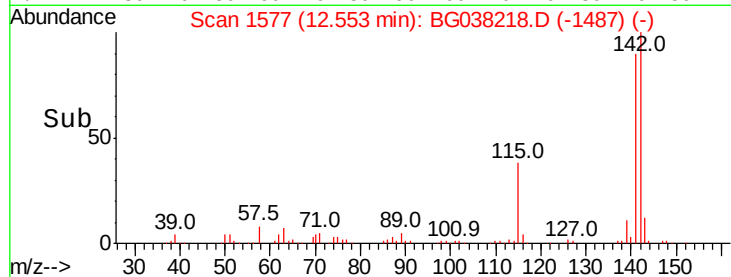
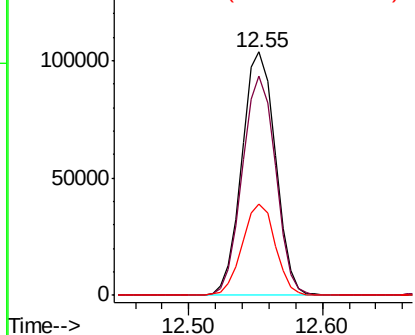
#37
2-Methylnaphthalene
Concen: 36.234 ng
RT: 12.55 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

Instrument :
BNA_G
ClientSampleId :
PB115103BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9
115	37.6	27.8	41.8

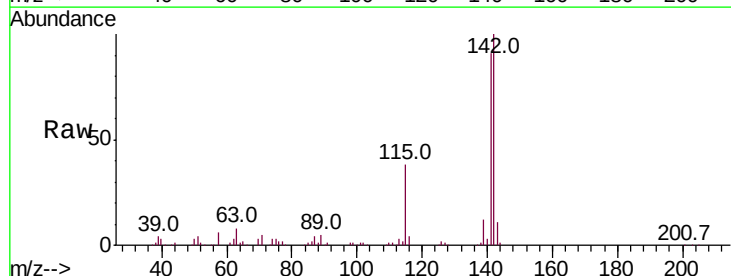


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

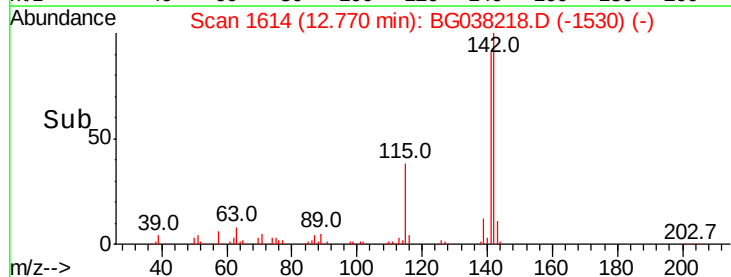
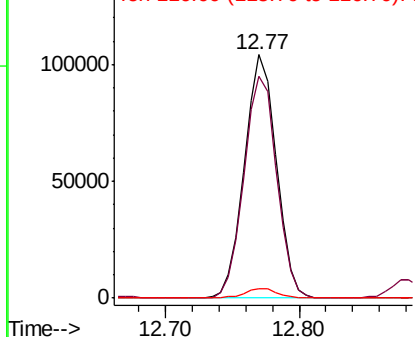


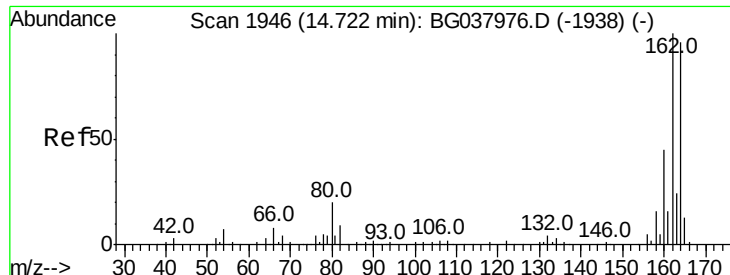
#38
1-Methylnaphthalene
Concen: 35.877 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	75.2	112.8
116	3.6	3.3	4.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

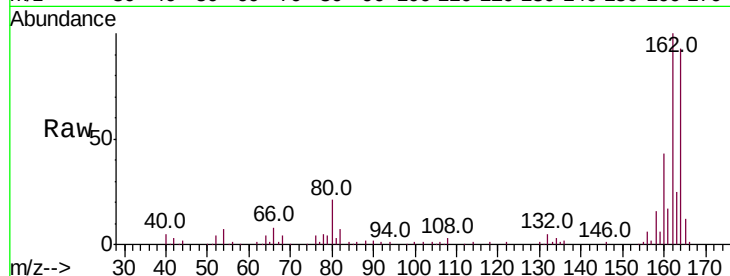
Tot Ion:164 Resp: 87055

Ion Ratio Lower Upper

164 100

162 107.6 81.3 121.9

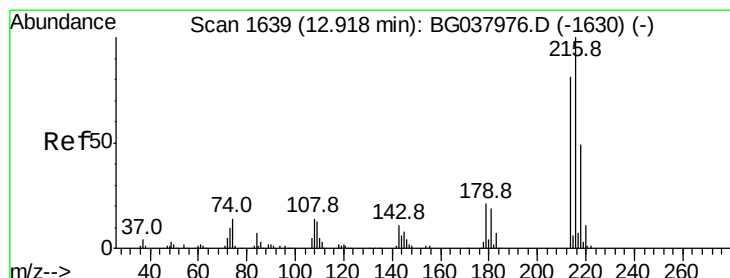
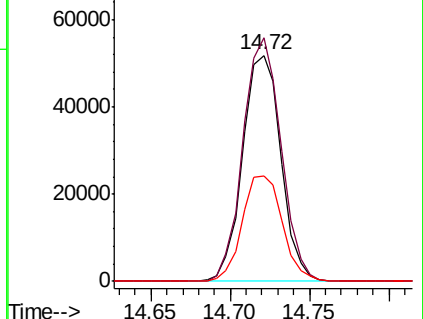
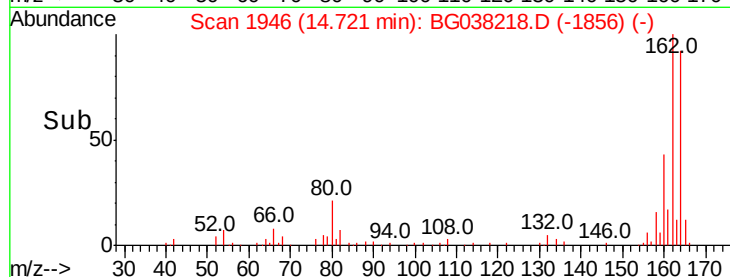
160 46.4 36.3 54.5



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: 31.845 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Tgt Ion:216 Resp: 92636

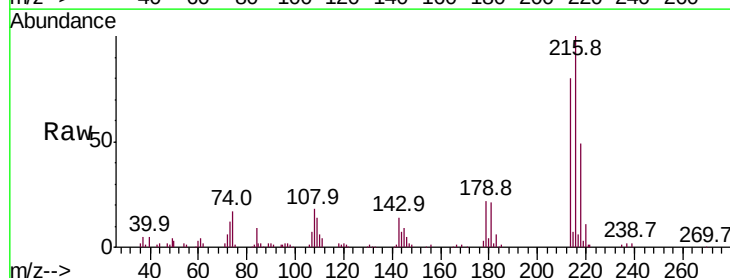
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 20.8 17.4 26.0

108 20.5 13.9 20.9

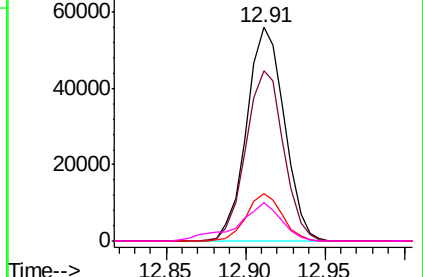
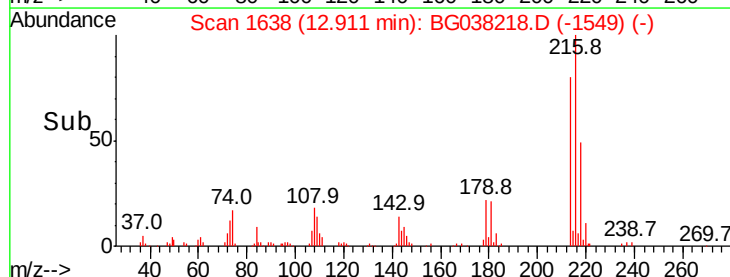


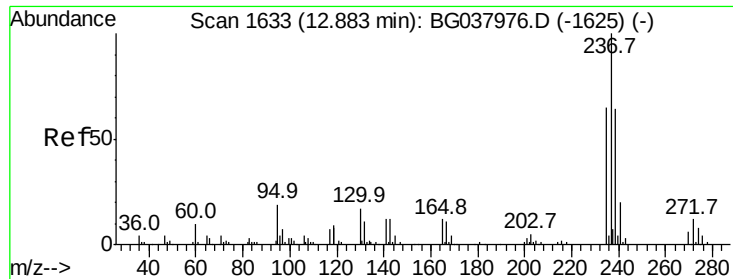
Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.014 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

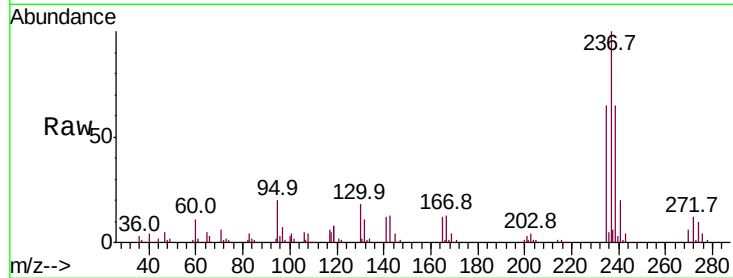
Tot Ion:237 Resp: 107503

Ion Ratio Lower Upper

237 100

235 65.3 42.5 82.5

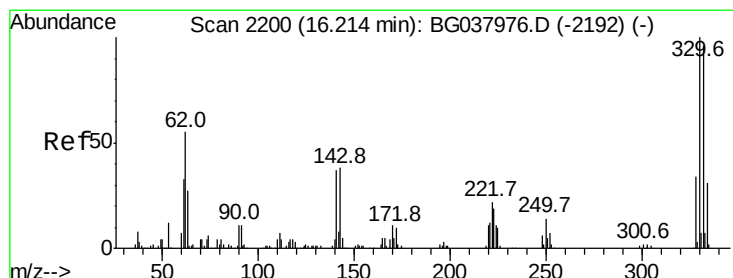
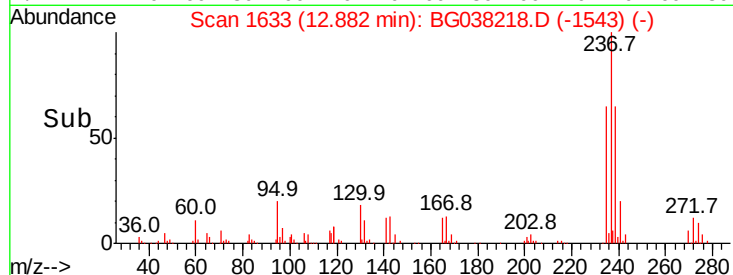
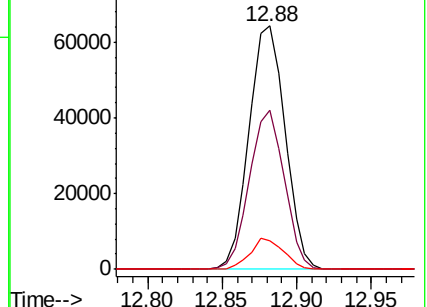
272 11.7 0.0 31.6



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: 69.220 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

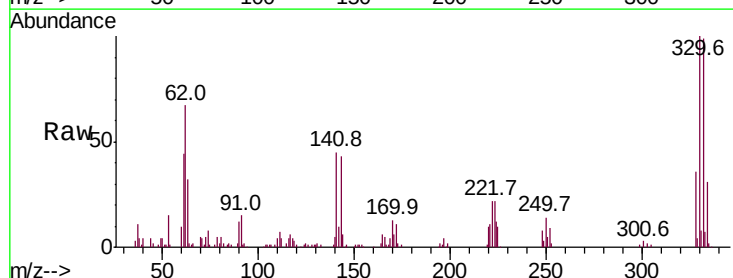
Tgt Ion:330 Resp: 68724

Ion Ratio Lower Upper

330 100

332 99.6 78.4 117.6

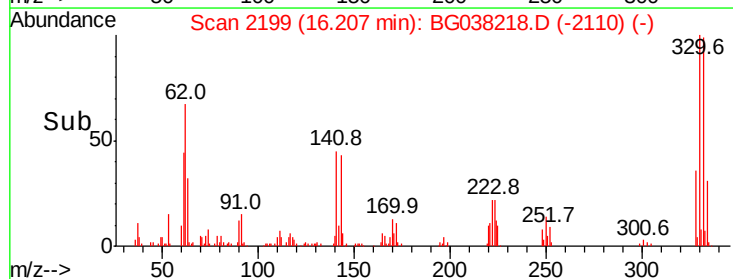
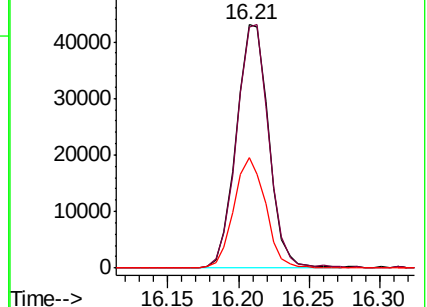
141 44.3 32.2 48.2

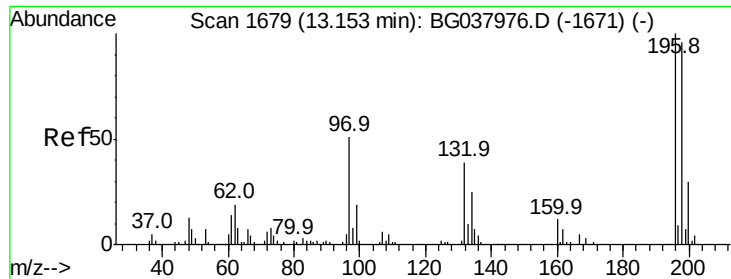


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

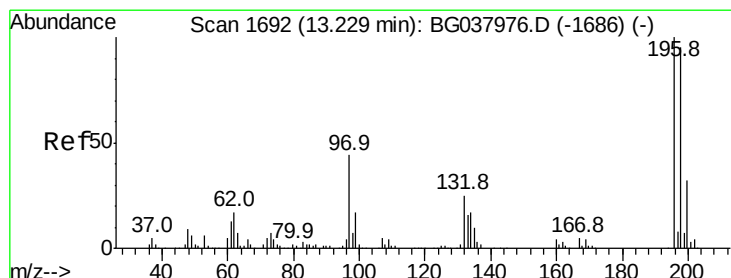
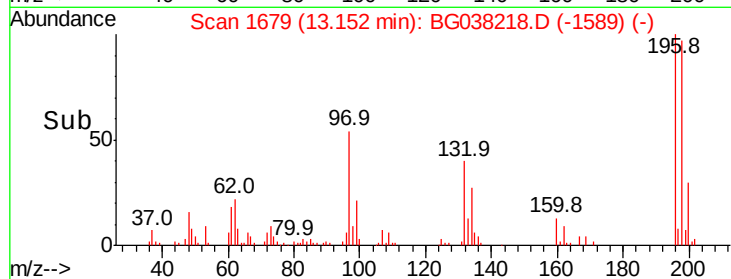
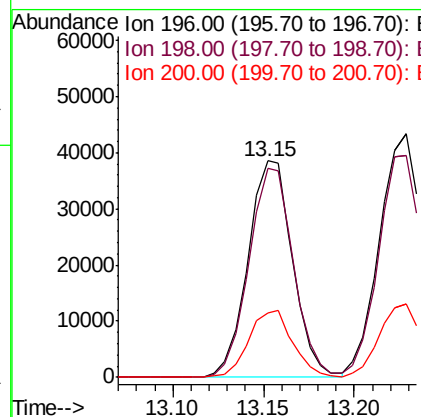
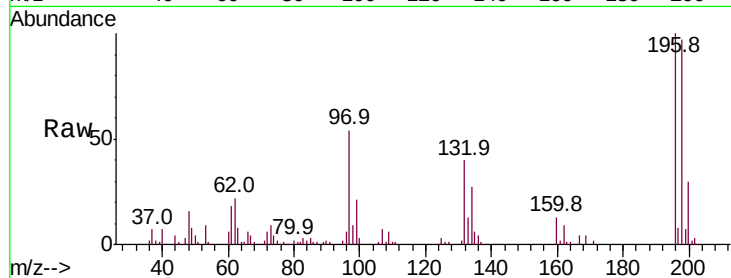




#43
 2,4,6-Trichlorophenol
 Concen: 33.295 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

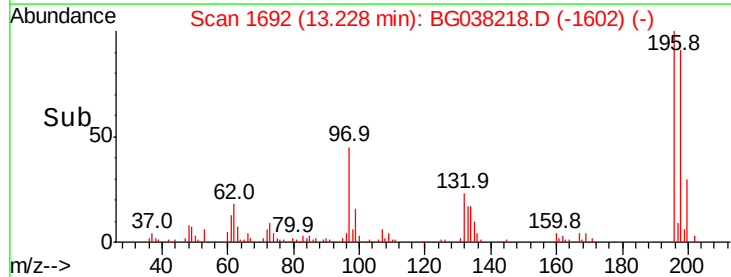
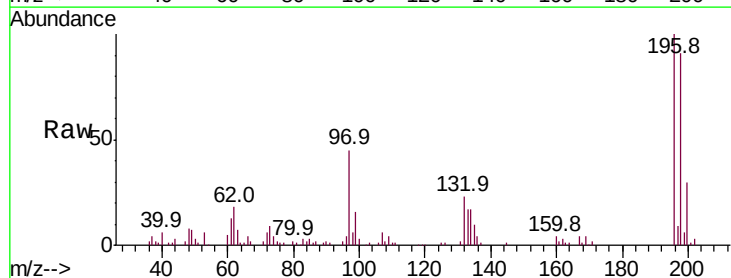
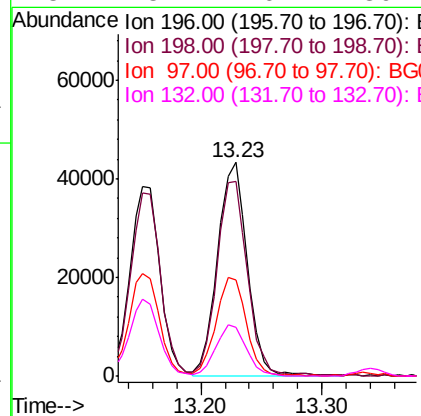
Instrument :
 BNA_G
 ClientSampleId :
 PB115103BS

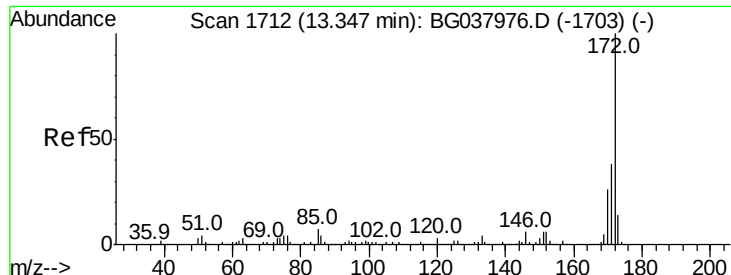
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.4	114.6
200	29.5	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 35.523 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.3	74.2	111.2
97	44.7	34.1	51.1
132	23.1	20.2	30.4

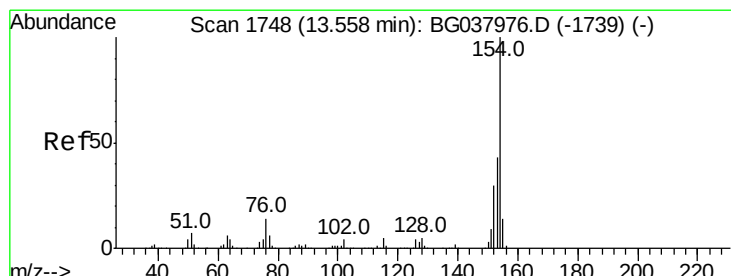
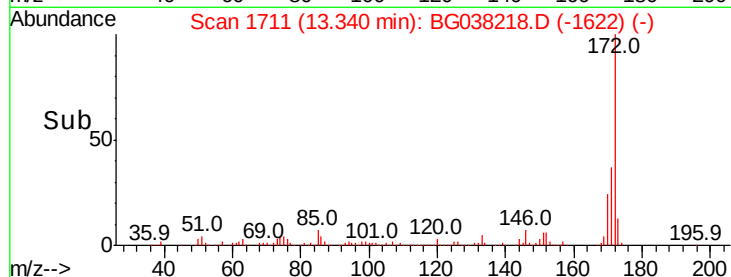
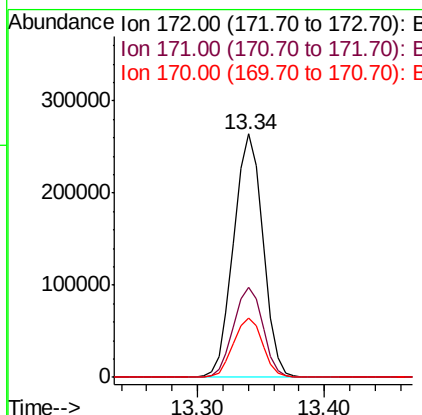
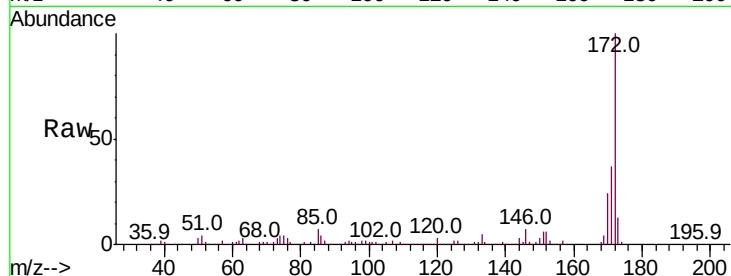




#45
2-Fluorobiphenyl
Concen: 70.660 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

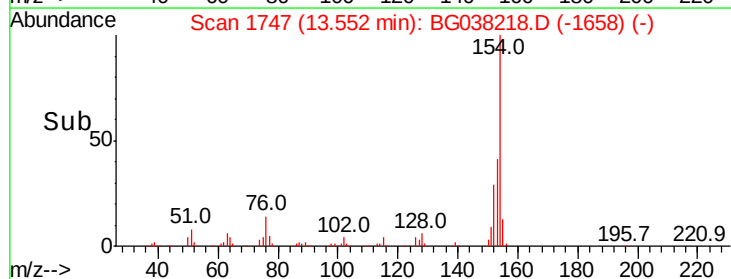
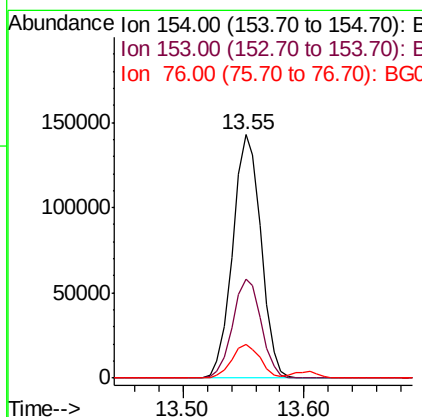
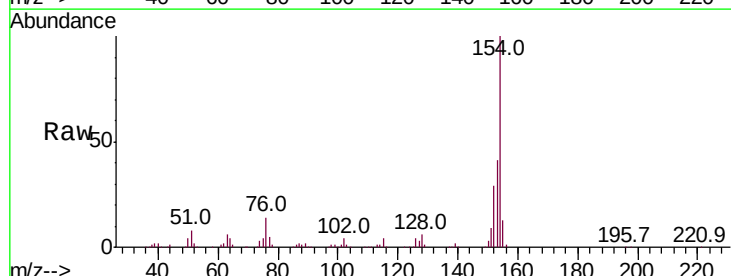
Instrument :
BNA_G
ClientSampleId :
PB115103BS

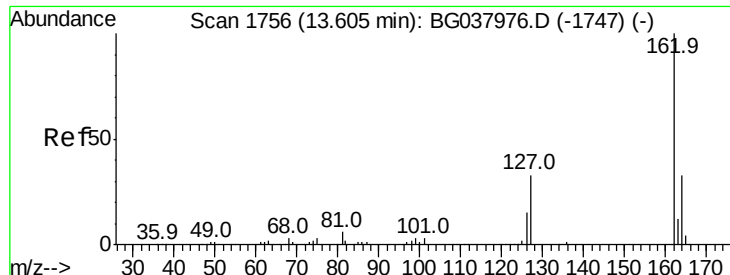
Tot Ion:172 Resp: 422234
Ion Ratio Lower Upper
172 100
171 36.8 31.0 46.4
170 24.5 20.2 30.2



#46
1,1'-Biphenyl
Concen: 31.864 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

Tgt Ion:154 Resp: 233039
Ion Ratio Lower Upper
154 100
153 40.7 22.1 62.1
76 13.9 0.0 33.2

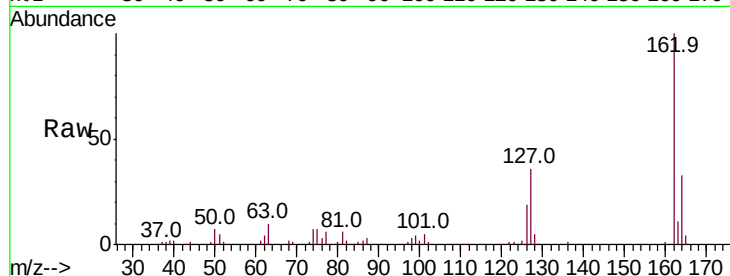




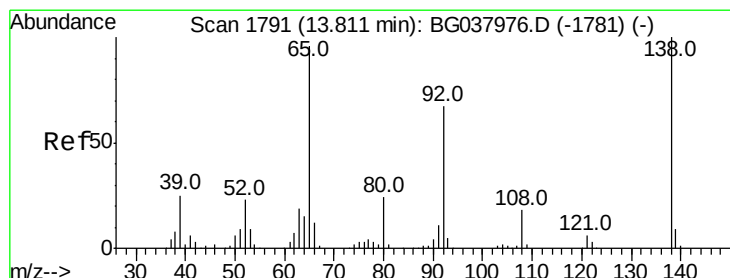
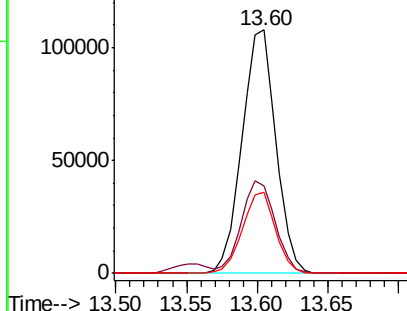
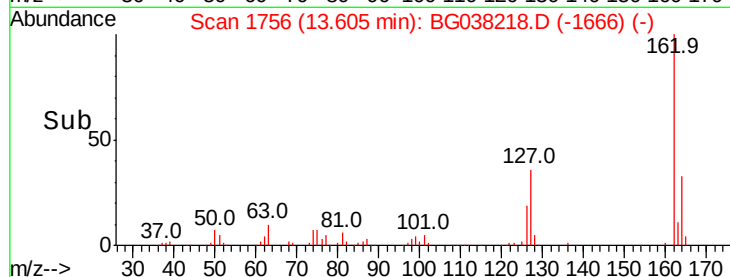
#47
 2-Chloronaphthalene
 Concen: 32.483 ng
 RT: 13.60 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

Instrument :
 BNA_G
 ClientSampleId :
 PB115103BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.9	30.5	45.7
164	33.1	26.4	39.6

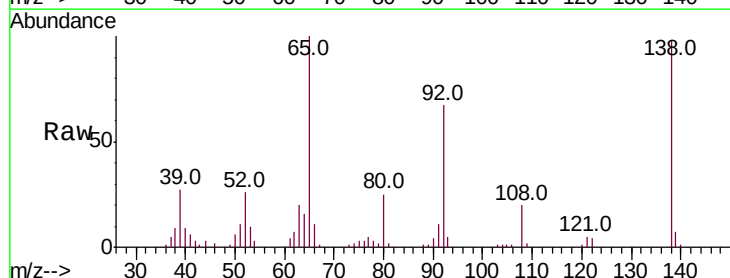


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

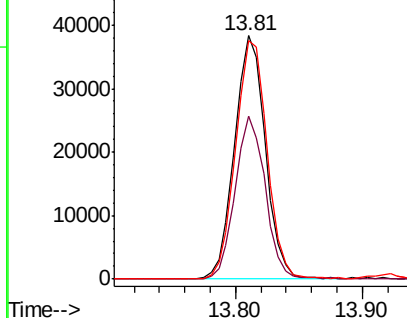
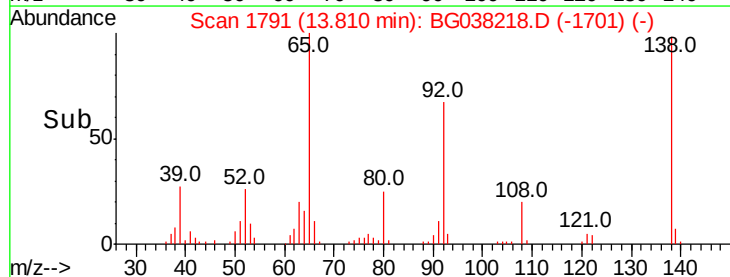


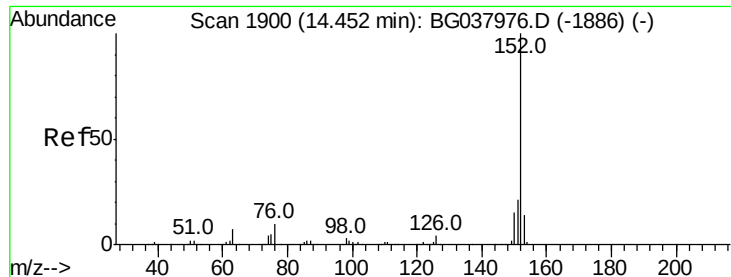
#48
 2-Nitroaniline
 Concen: 36.572 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	53.2	79.8
138	98.2	79.3	118.9



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





#49

Acenaphthylene

Concen: 36.480 ng

RT: 14.44 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

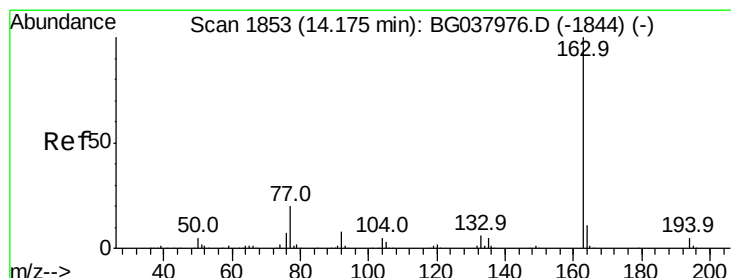
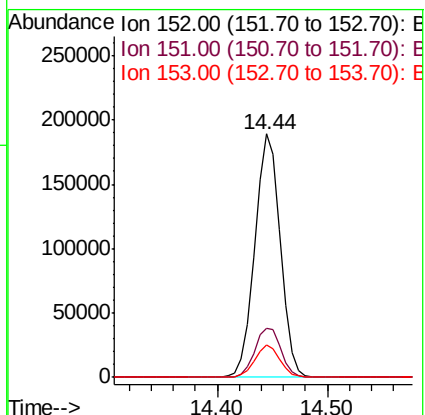
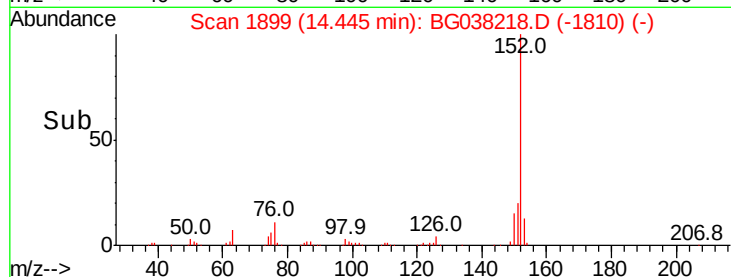
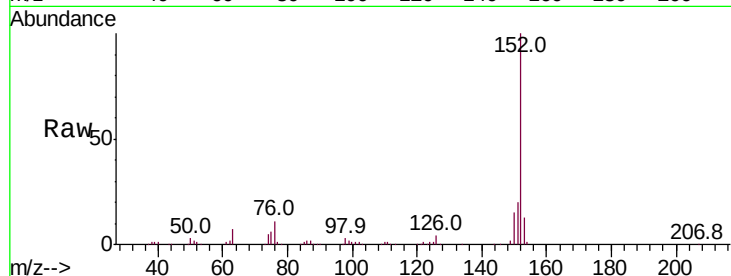
Tot Ion:152 Resp: 306155

Ion Ratio Lower Upper

152 100

151 20.1 17.1 25.7

153 13.3 11.1 16.7



#50

Dimethylphthalate

Concen: 34.194 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

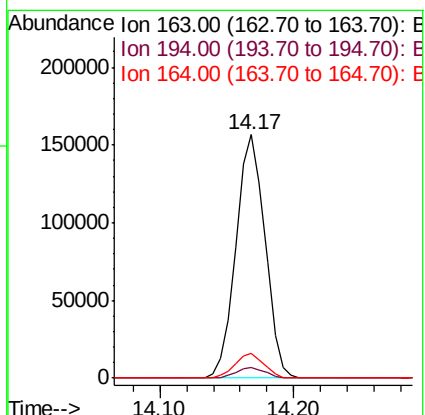
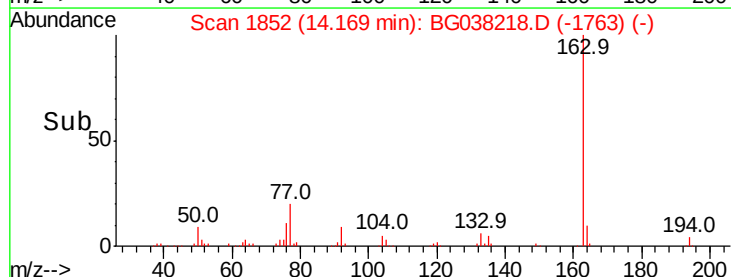
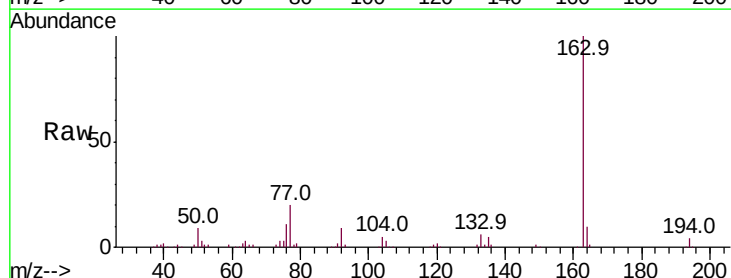
Tgt Ion:163 Resp: 235992

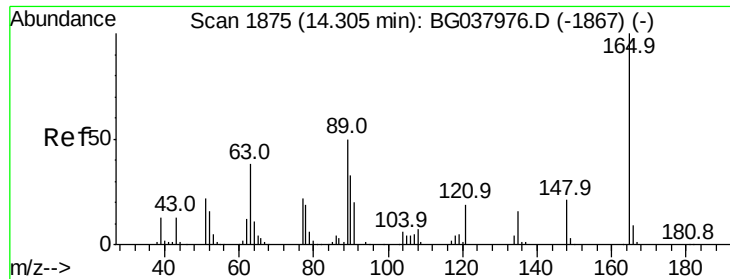
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.1 8.5 12.7

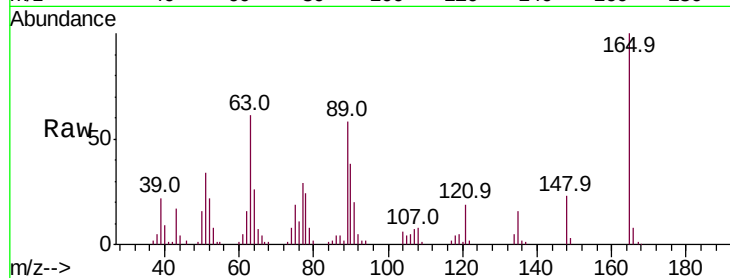




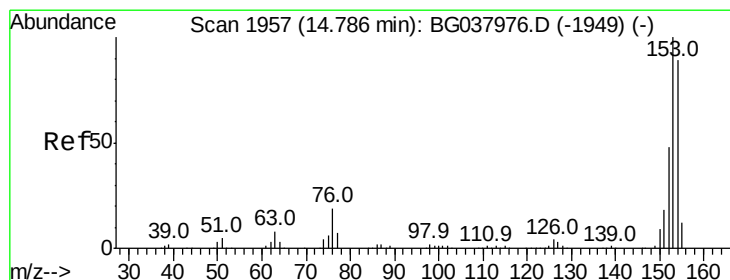
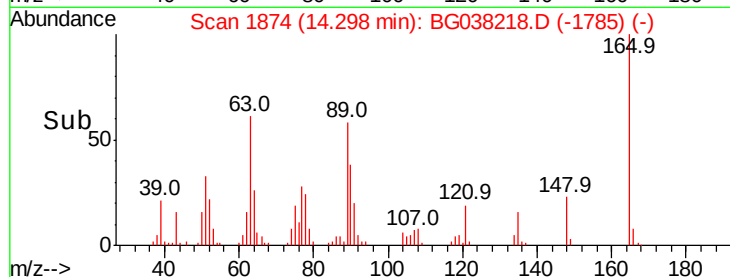
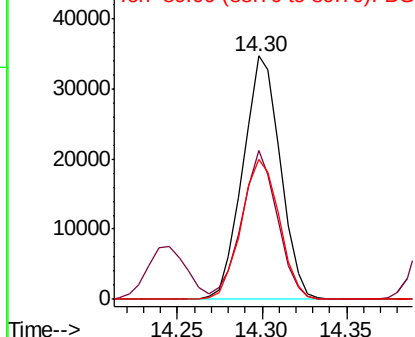
#51
2,6-Dinitrotoluene
Concen: 34.239 ng
RT: 14.30 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

Instrument :
BNA_G
ClientSampleId :
PB115103BS

Tot Ion:165 Resp: 53481
Ion Ratio Lower Upper
165 100
63 60.9 43.4 65.2
89 57.7 45.8 68.6

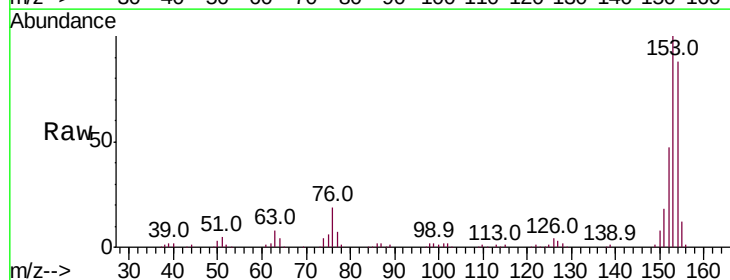


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

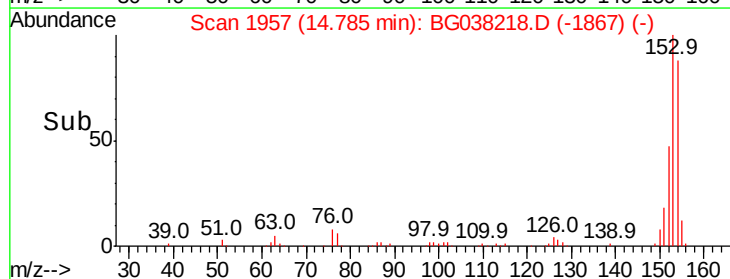
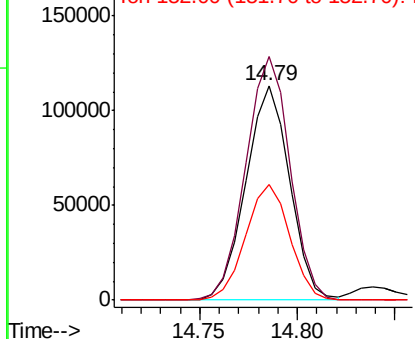


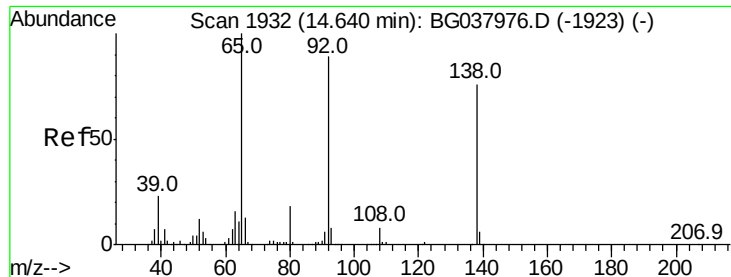
#52
Acenaphthene
Concen: 34.916 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

Tgt Ion:154 Resp: 176409
Ion Ratio Lower Upper
154 100
153 113.6 93.4 140.0
152 53.8 44.7 67.1



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





#53

3-Nitroaniline

Concen: 15.212 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

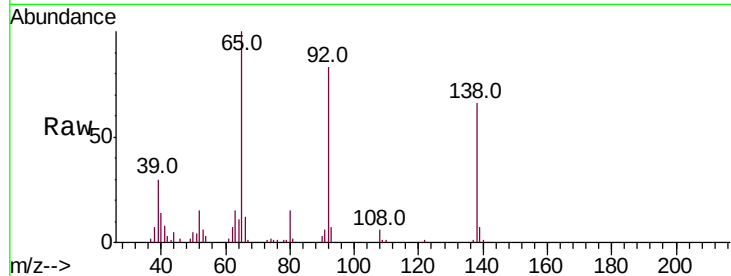
Tot Ion:138 Resp: 26219

Ion Ratio Lower Upper

138 100

108 9.8 11.0 16.6#

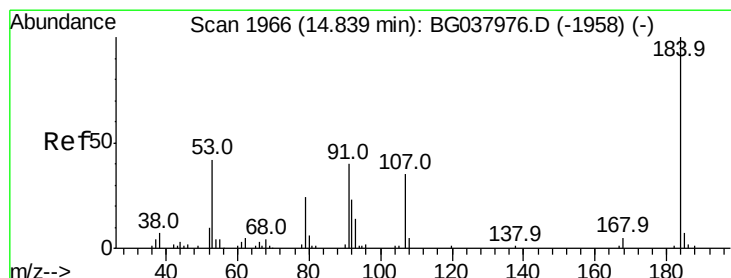
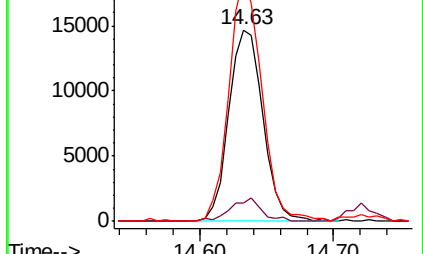
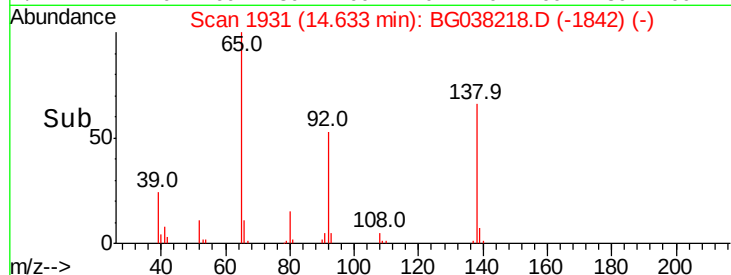
92 127.1 95.2 142.8



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: 34.158 ng

RT: 14.84 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

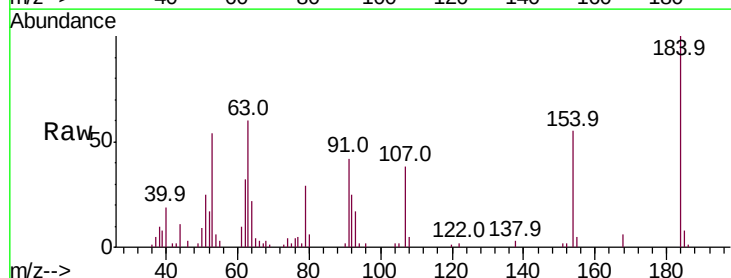
Tgt Ion:184 Resp: 23722

Ion Ratio Lower Upper

184 100

63 60.0 42.6 63.8

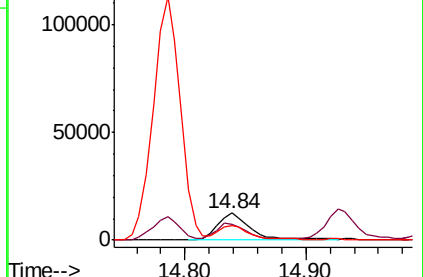
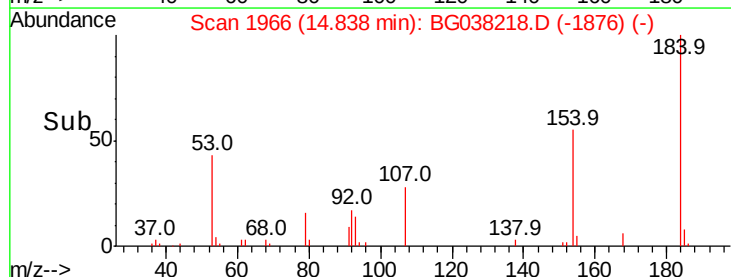
154 55.0 41.8 62.6

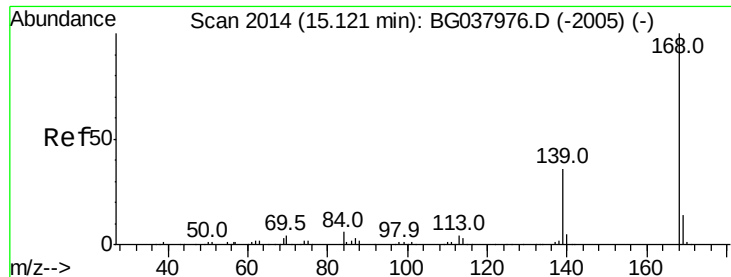


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 34.050 ng

RT: 15.11 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

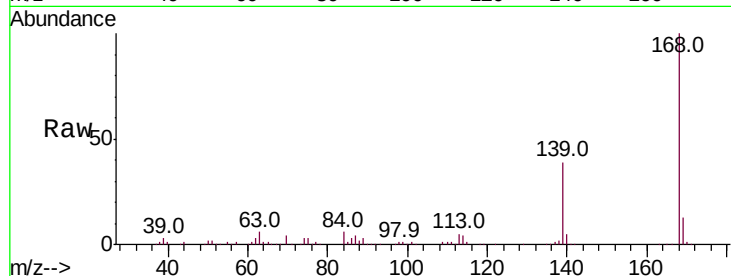
Tot Ion:168 Resp: 284468

Ion Ratio Lower Upper

168 100

139 39.1 29.4 44.0

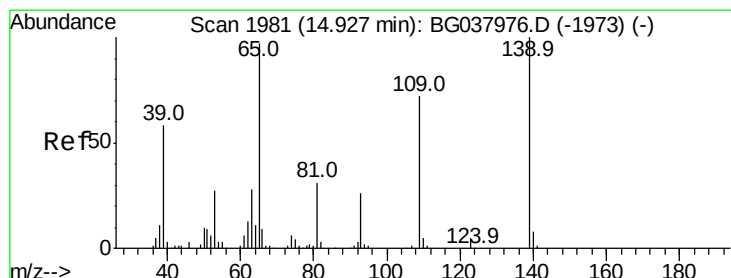
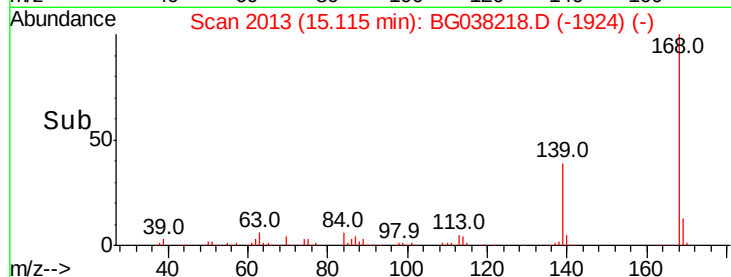
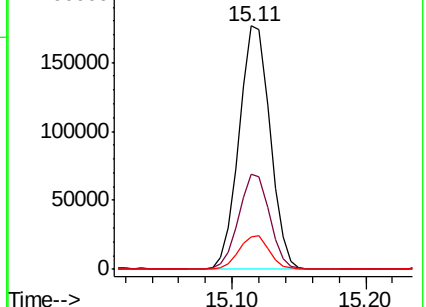
169 13.1 11.0 16.6



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: 61.726 ng

RT: 14.93 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

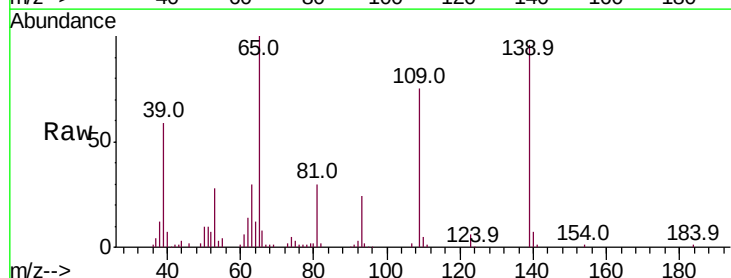
Tgt Ion:139 Resp: 82055

Ion Ratio Lower Upper

139 100

109 77.9 49.5 89.5

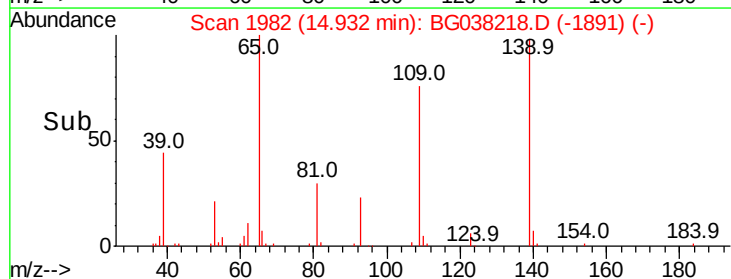
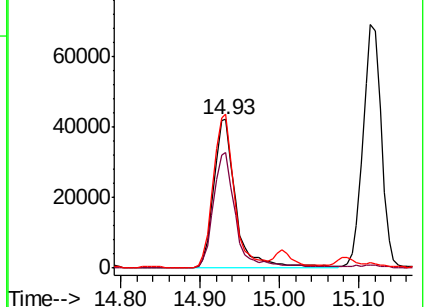
65 103.8 76.8 116.8

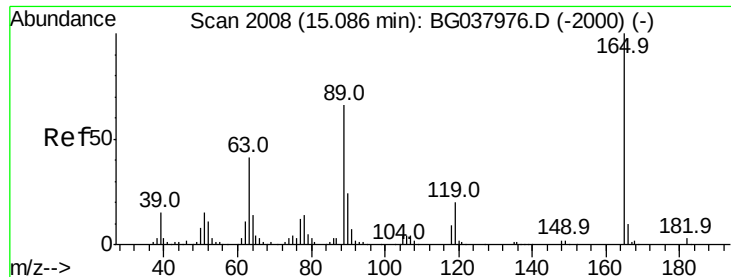


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

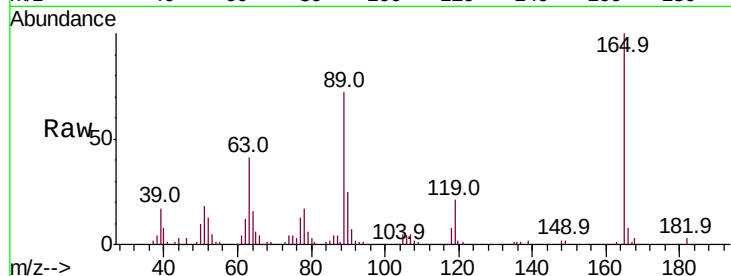




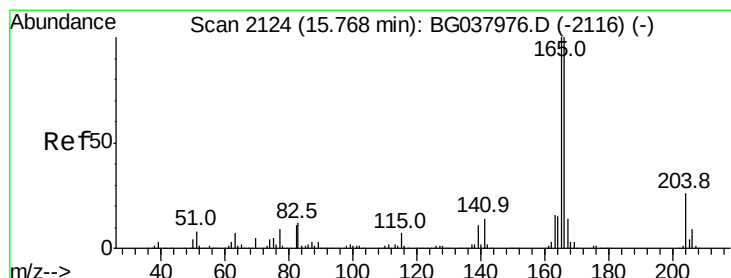
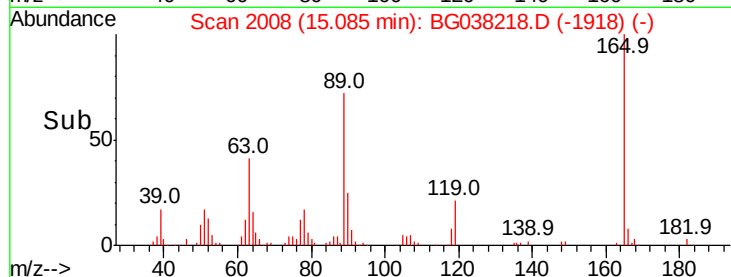
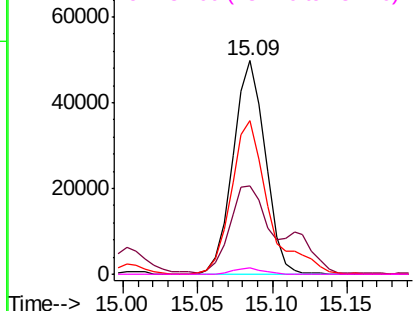
#57
 2,4-Dinitrotoluene
 Concen: 35.362 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

Instrument :
 BNA_G
 ClientSampleId :
 PB115103BS

Tot Ion:	165	Resp:	75152
Ion	Ratio	Lower	Upper
165	100		
63	41.1	33.4	50.0
89	72.1	57.2	85.8
182	2.9	2.6	4.0

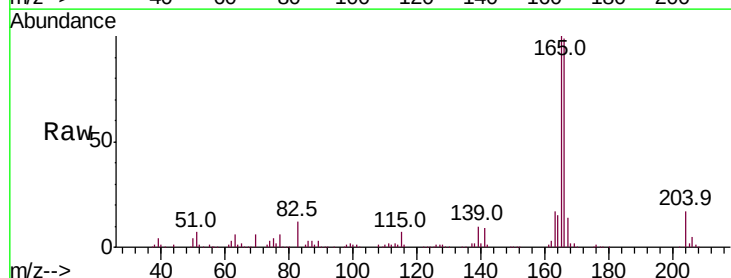


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

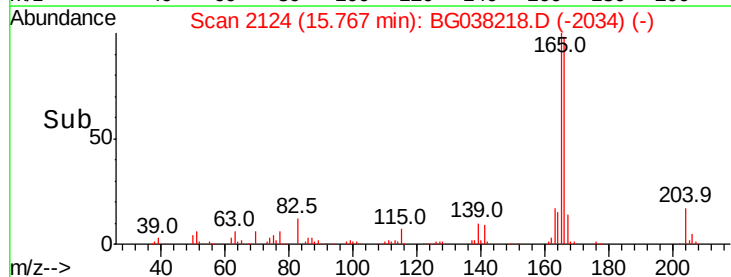
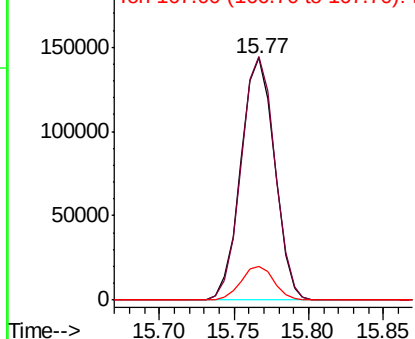


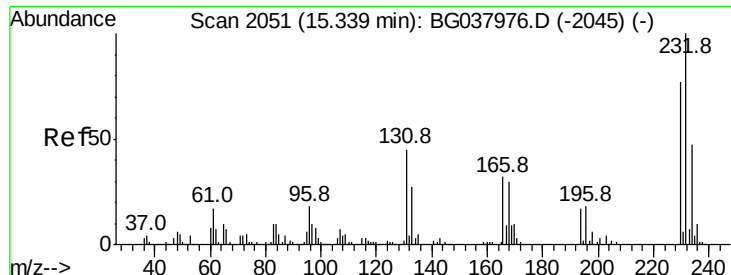
#58
 Fluorene
 Concen: 36.054 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

Tgt Ion:	166	Resp:	224740
Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.0	118.6
167	14.1	11.3	16.9



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 34.876 ng

RT: 15.34 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

Tot Ion:232 Resp: 60869

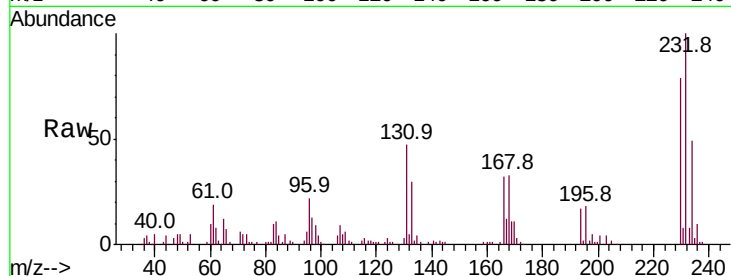
Ion Ratio Lower Upper

232 100

131 46.8 33.7 50.5

130 2.5 2.1 3.1

166 33.0 24.6 36.8

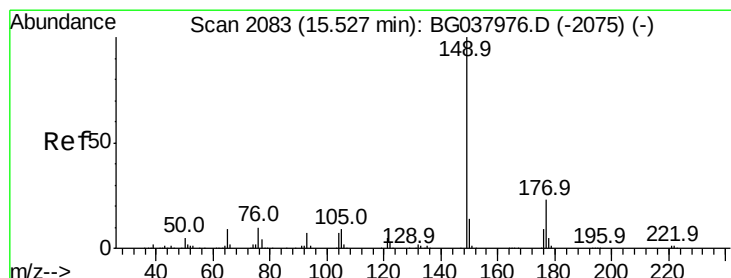
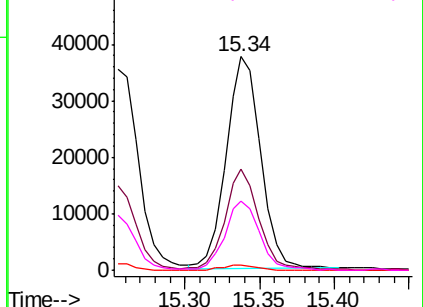
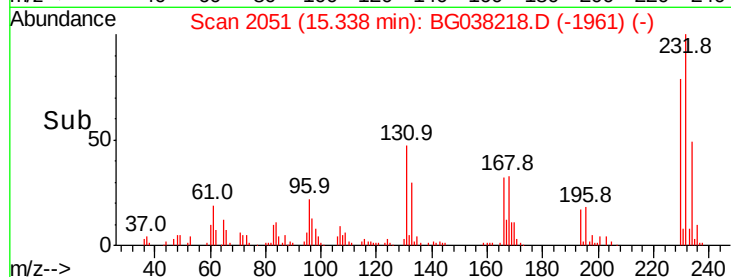


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 33.533 ng

RT: 15.52 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

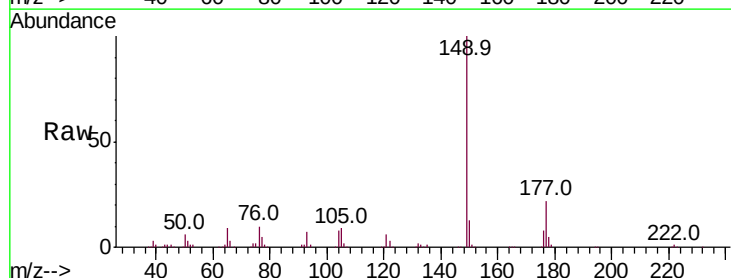
Tgt Ion:149 Resp: 245810

Ion Ratio Lower Upper

149 100

177 22.2 18.3 27.5

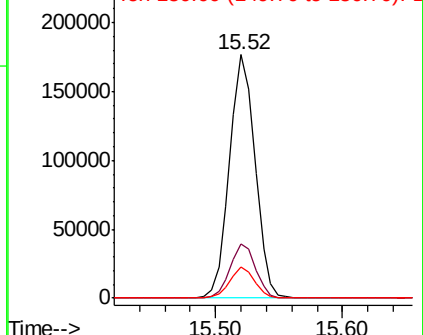
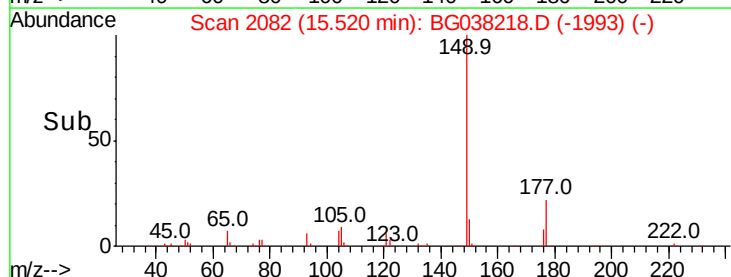
150 12.7 10.0 15.0

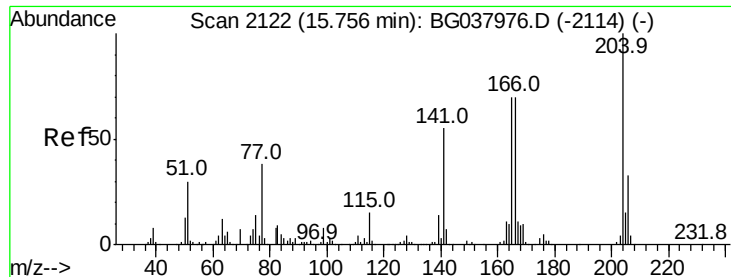


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

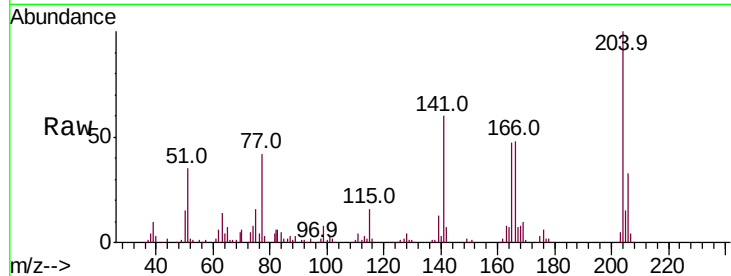




#61
 4-Chlorophenyl-phenylether
 Concen: 32.402 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

Instrument :
 BNA_G
 ClientSampleID :
 PB115103BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	59.6	45.4	68.2

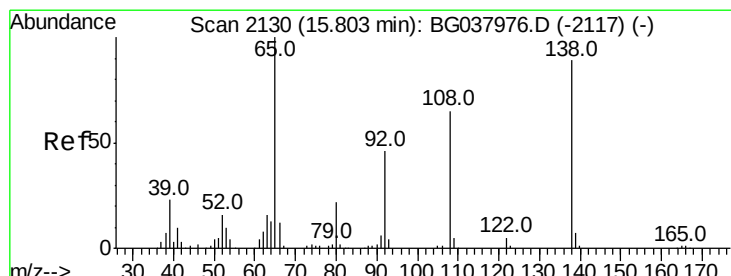
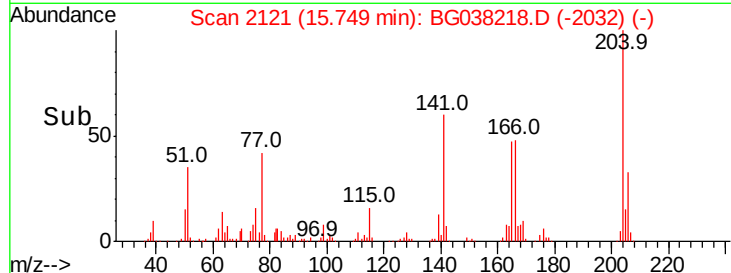
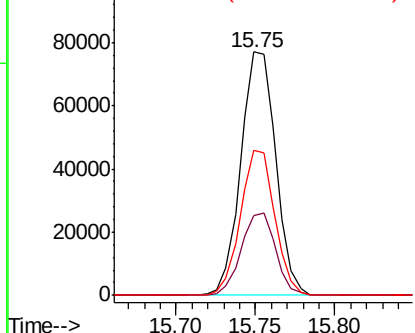


Abundance

Ion 204.00 (203.70 to 204.70): E

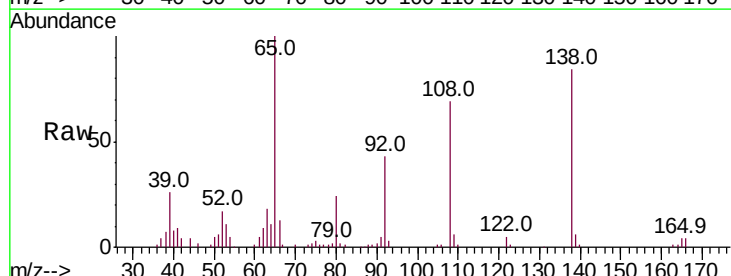
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 34.172 ng
 RT: 15.80 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	36.4	76.4
108	82.7	60.1	100.1

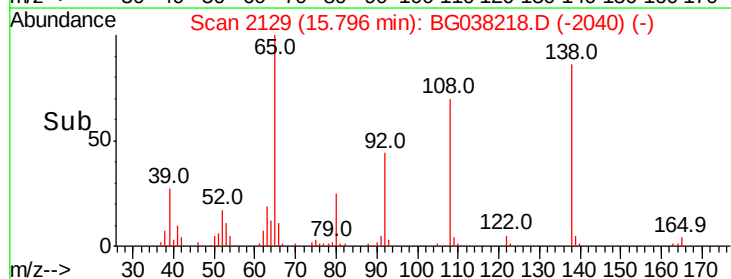
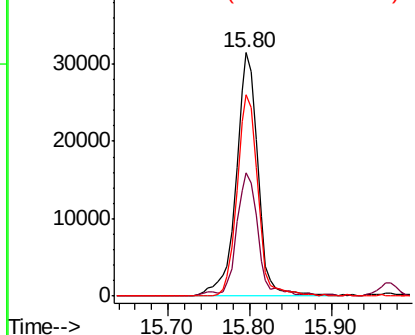


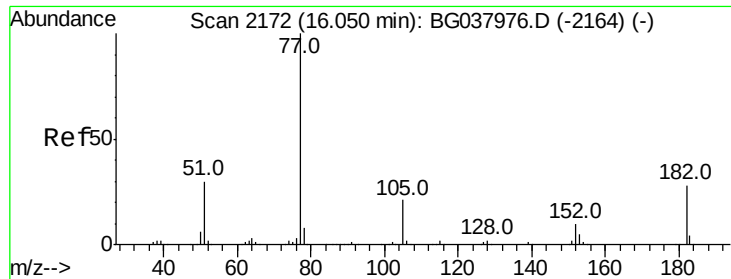
Abundance

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

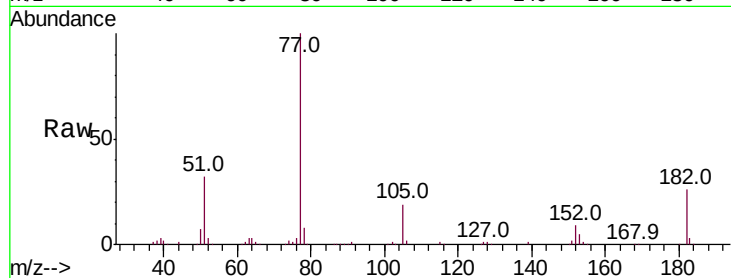




#63
Azobenzene
Concen: 35.833 ng
RT: 16.04 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

Instrument :
BNA_G
ClientSampleId :
PB115103BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.0	8.0	48.0
105	19.2	1.3	41.3
51	32.1	10.7	50.7



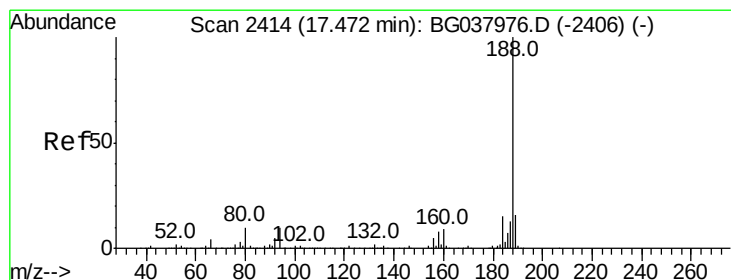
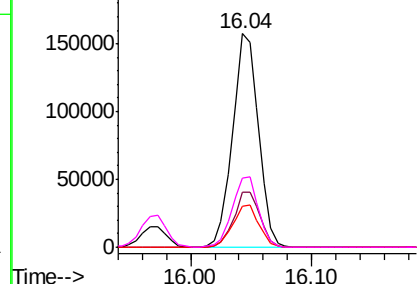
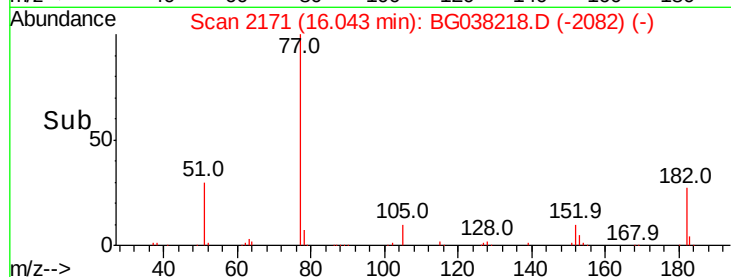
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

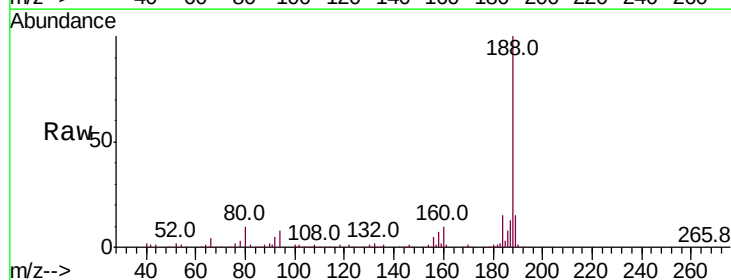
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	10.0	7.7	11.5

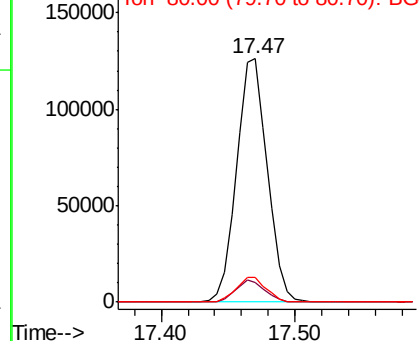
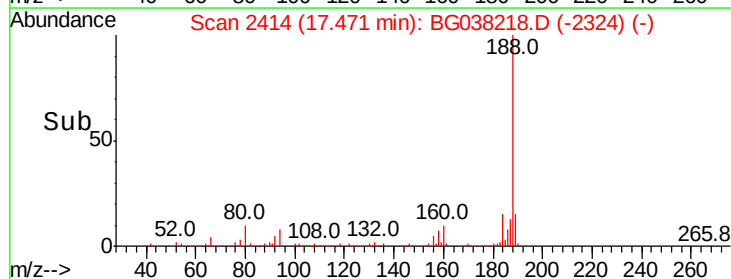


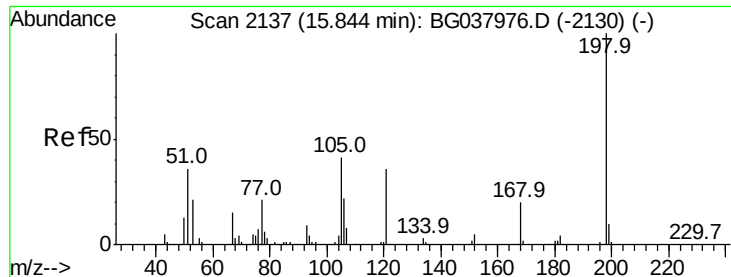
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 23.620 ng

RT: 15.84 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

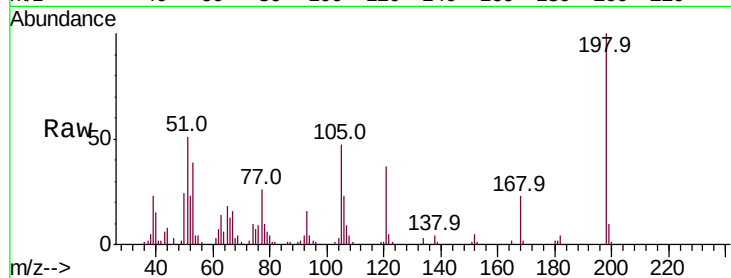
Tot Ion:198 Resp: 30059

Ion Ratio Lower Upper

198 100

51 50.5 22.7 62.7

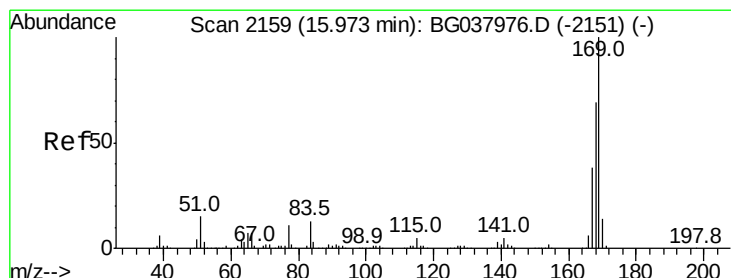
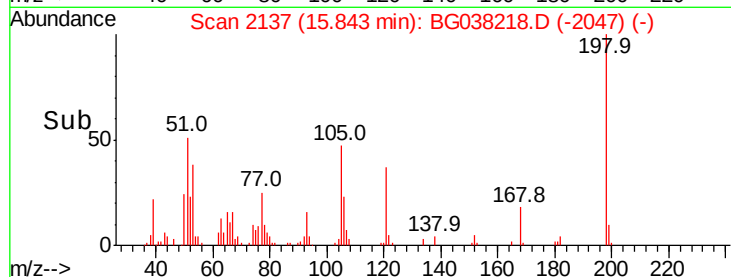
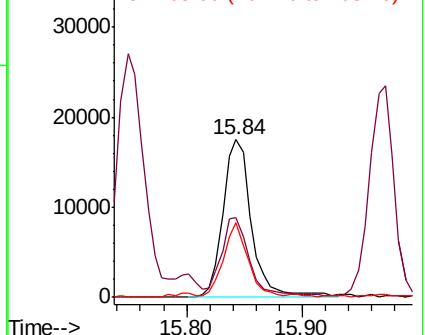
105 47.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 34.024 ng

RT: 15.97 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

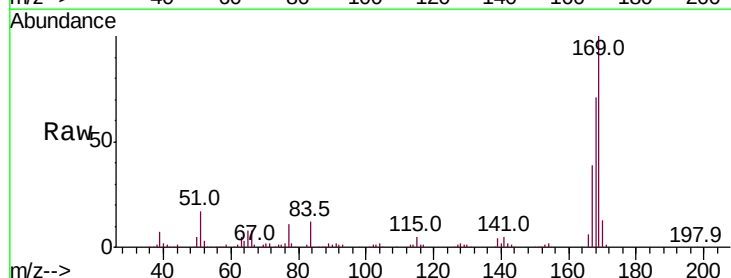
Tgt Ion:169 Resp: 207104

Ion Ratio Lower Upper

169 100

168 70.7 55.7 83.5

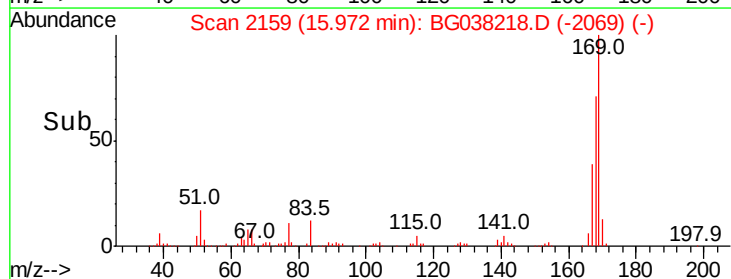
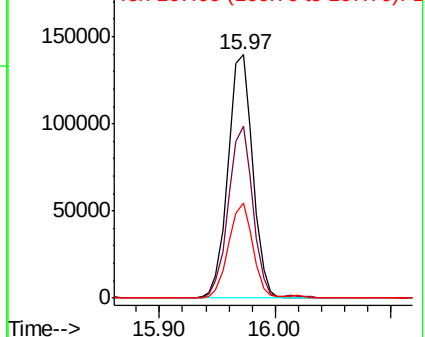
167 39.0 31.3 46.9

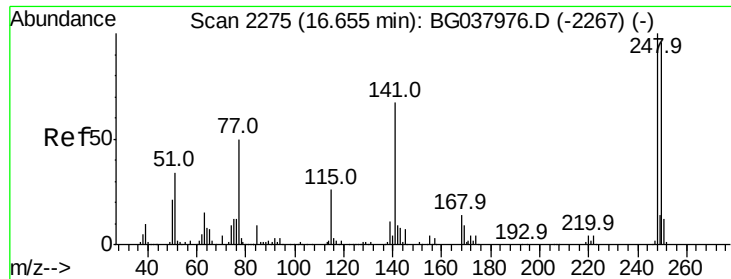


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

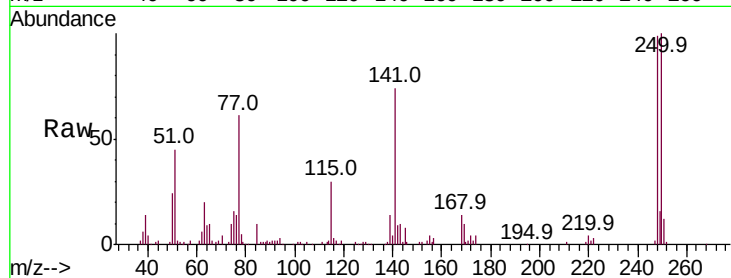




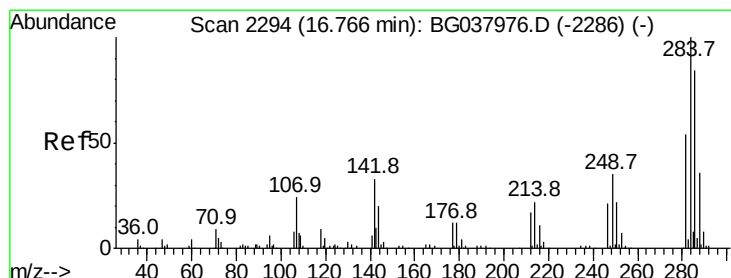
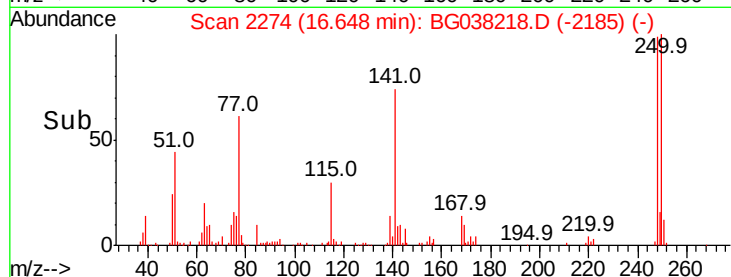
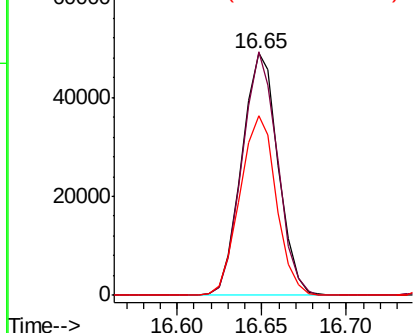
#67
 4-Bromophenyl-phenylether
 Concen: 33.200 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

Instrument :
 BNA_G
 ClientSampleId :
 PB115103BS

Tot Ion:248 Resp: 73320
 Ion Ratio Lower Upper
 248 100
 250 100.5 77.0 115.6
 141 74.1 55.5 83.3

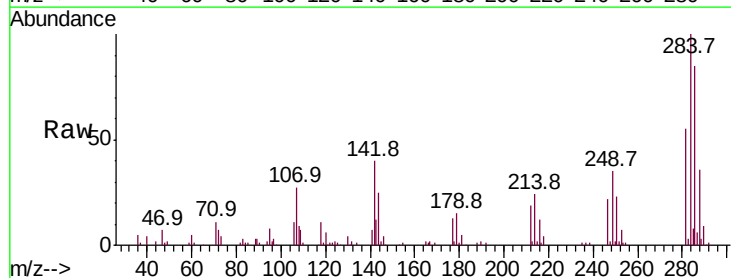


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

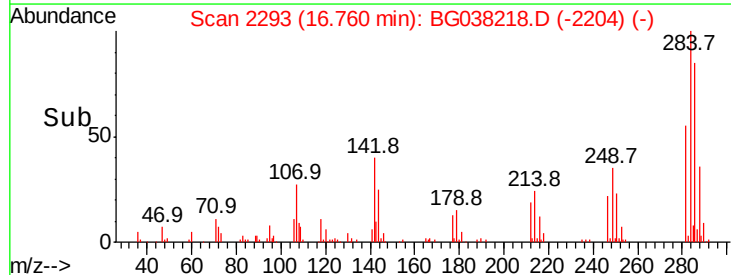
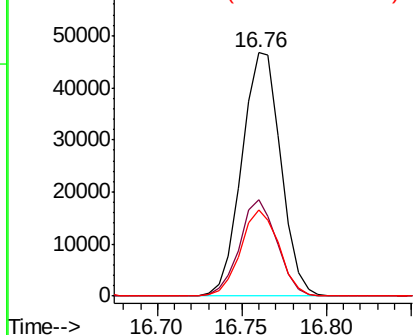


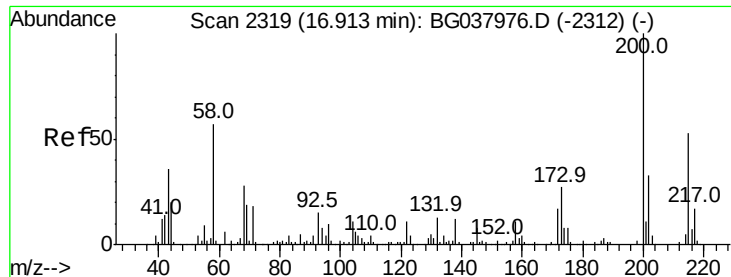
#68
 Hexachlorobenzene
 Concen: 32.816 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

Tgt Ion:284 Resp: 74805
 Ion Ratio Lower Upper
 284 100
 142 39.7 28.1 42.1
 249 37.5 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

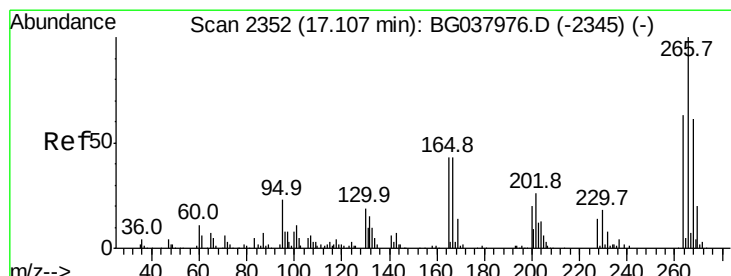
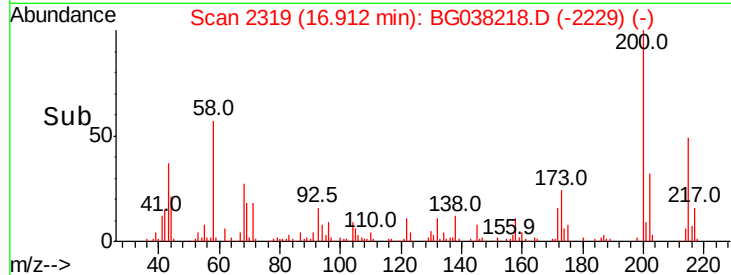
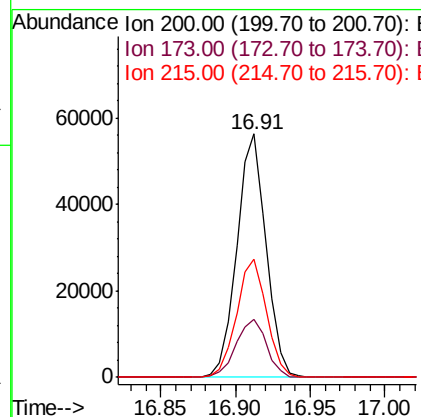
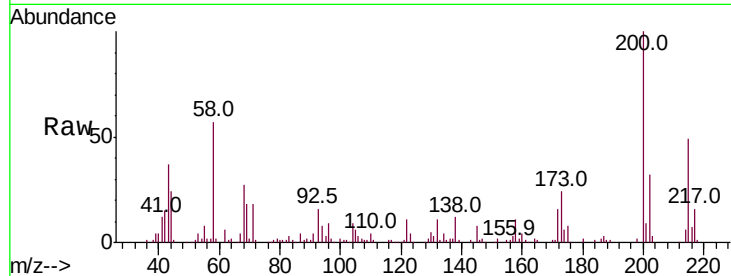




#69
 Atrazine
 Concen: 34.058 ng
 RT: 16.91 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

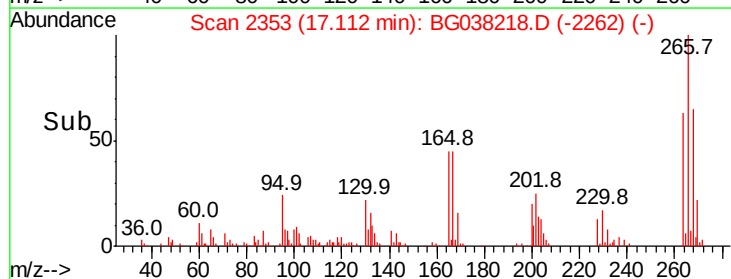
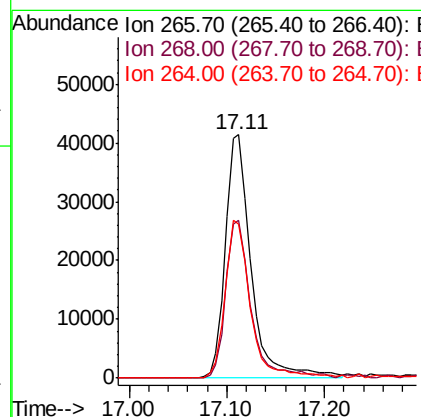
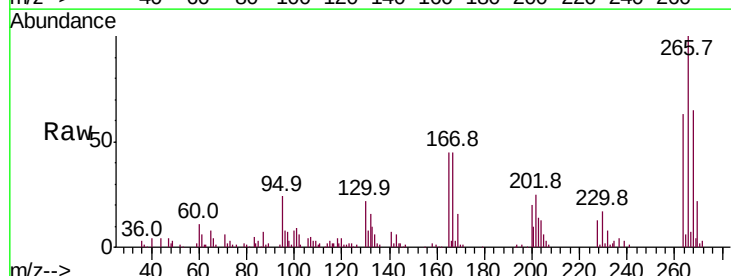
Instrument :
 BNA_G
 ClientSampleId :
 PB115103BS

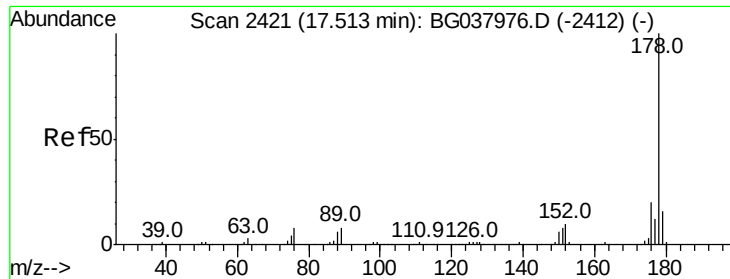
Tot Ion:	200	Resp:	76422
Ion Ratio	Lower	Upper	
200	100		
173	23.9	6.1	46.1
215	48.7	30.8	70.8



#70
 Pentachlorophenol
 Concen: 49.095 ng
 RT: 17.11 min Scan# 2353
 Delta R.T. 0.00 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

Tgt Ion:	266	Resp:	76007
Ion Ratio	Lower	Upper	
266	100		
268	69.1	55.0	82.6
264	68.8	58.9	88.3

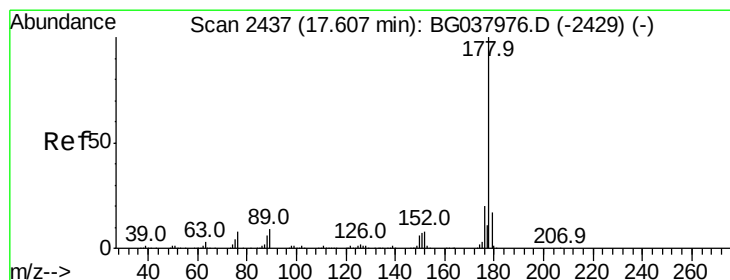
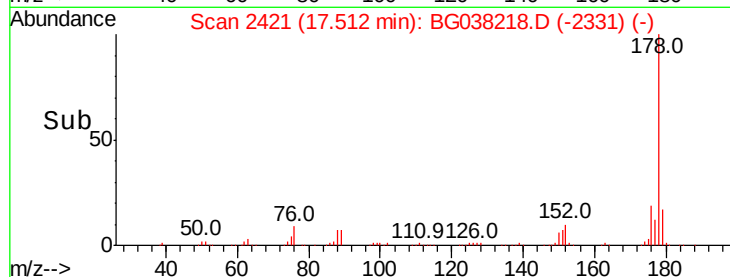
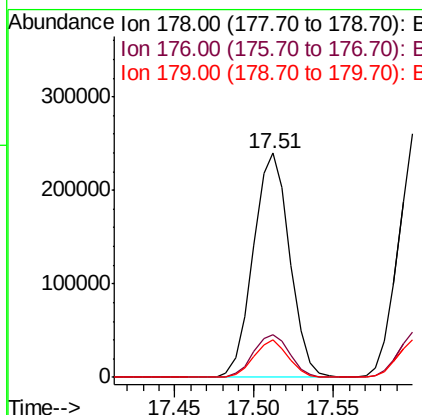
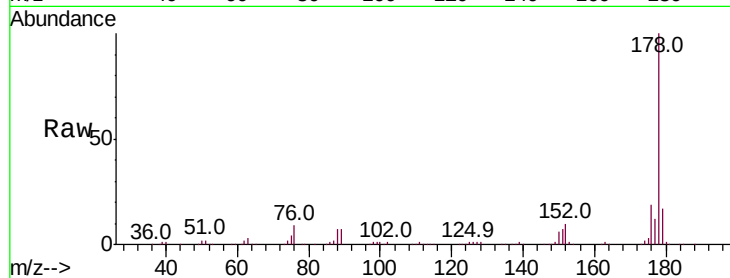




#71
Phenanthrene
Concen: 37.086 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

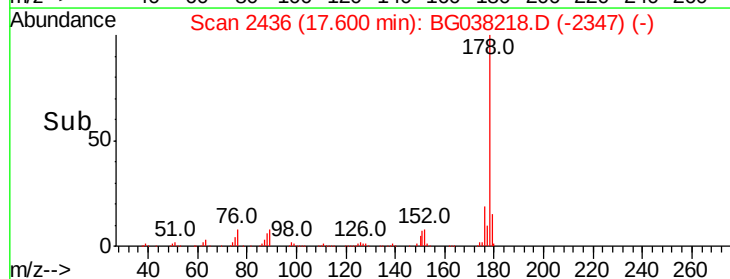
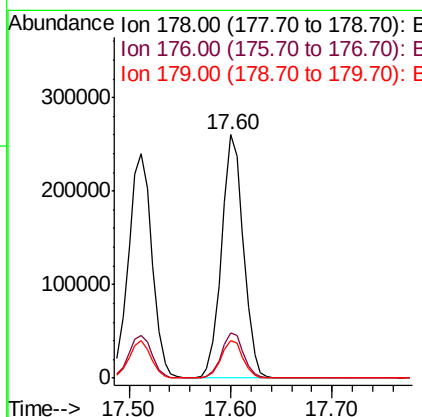
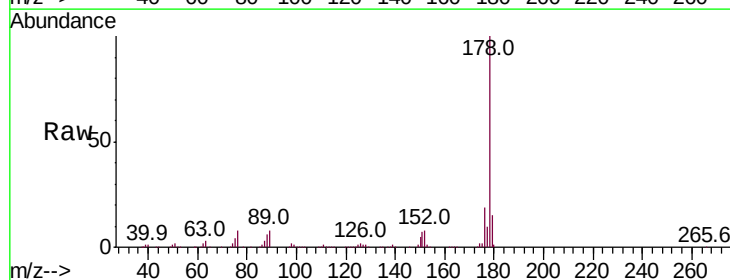
Instrument :
BNA_G
ClientSampleId :
PB115103BS

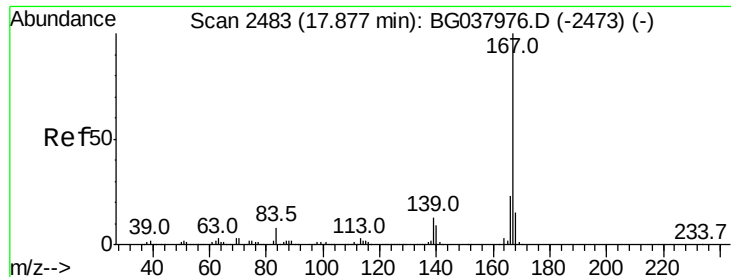
Tot Ion:178 Resp: 382043
Ion Ratio Lower Upper
178 100
176 19.1 16.1 24.1
179 16.7 13.0 19.4



#72
Anthracene
Concen: 38.404 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

Tgt Ion:178 Resp: 389968
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.2 12.8 19.2

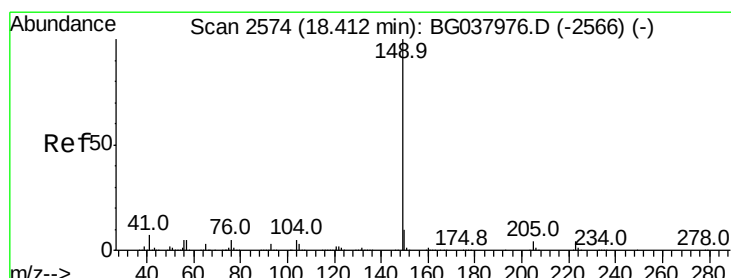
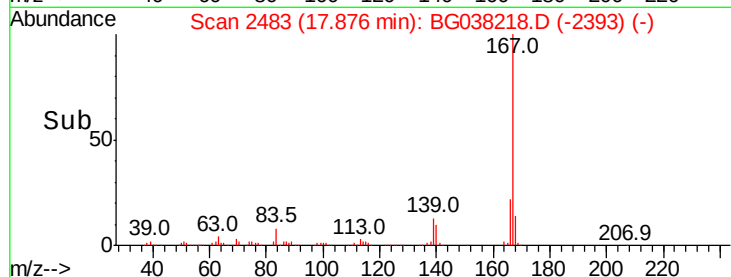
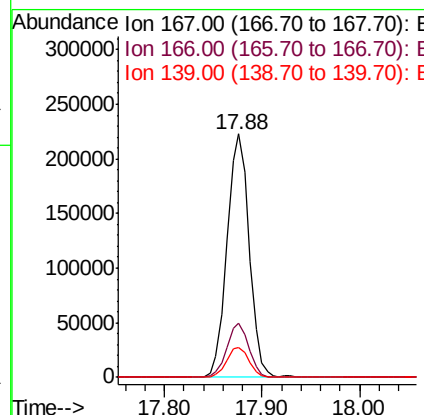
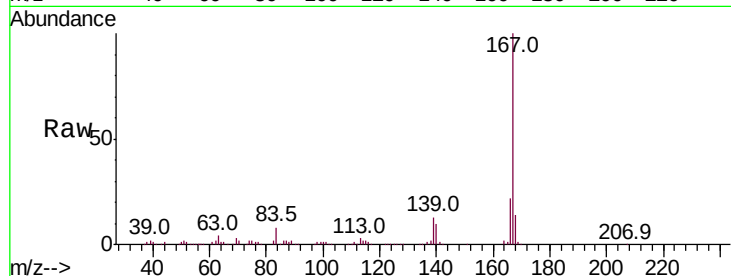




#73
 Carbazole
 Concen: 34.444 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

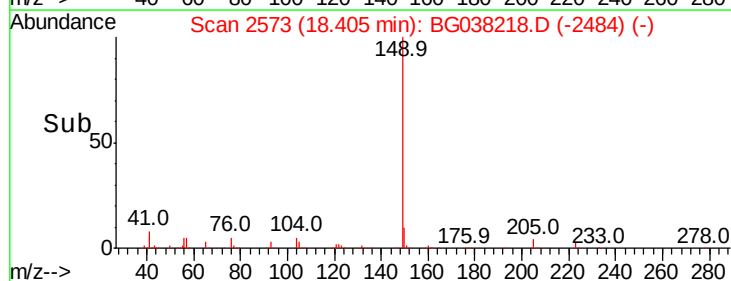
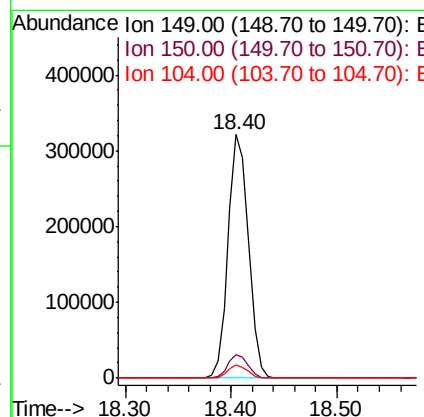
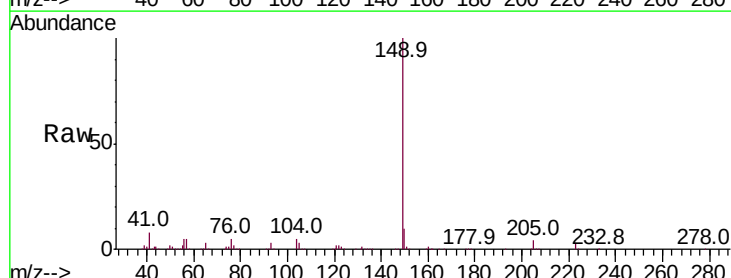
Instrument :
 BNA_G
 ClientSampleId :
 PB115103BS

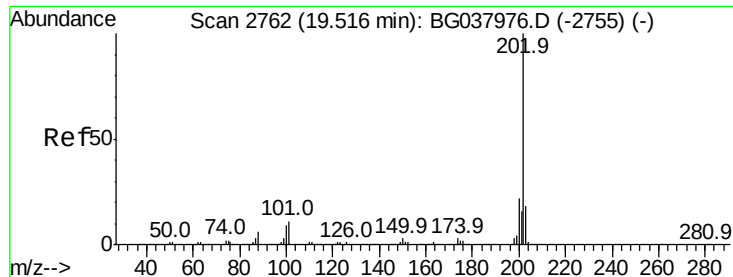
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.3	27.5
139	12.5	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 37.498 ng
 RT: 18.40 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BG038218.D
 Acq: 29 Nov 2018 3:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.2
104	5.4	4.0	6.0





#75

Fluoranthene

Concen: 38.450 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

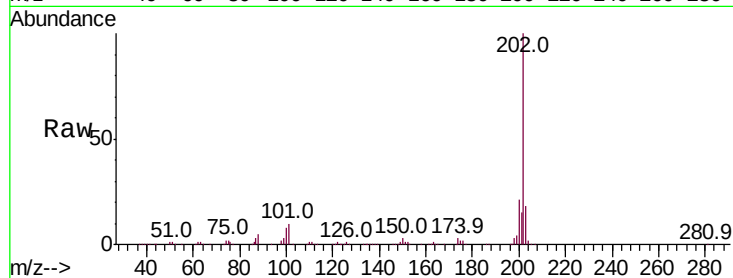
Tot Ion:202 Resp: 451909

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.7

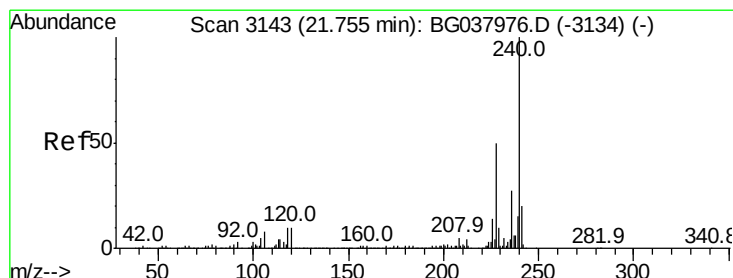
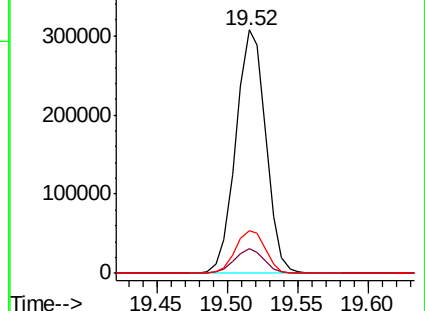
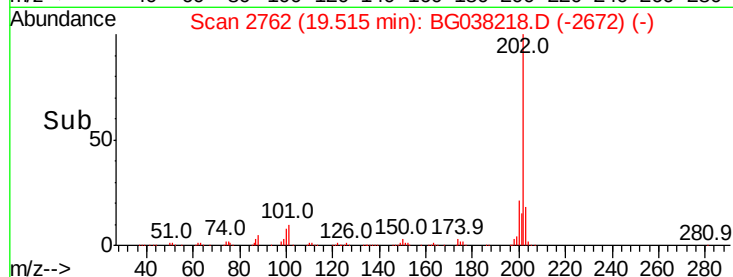
203 17.7 0.0 38.5



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# 3143

Delta R.T. -0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

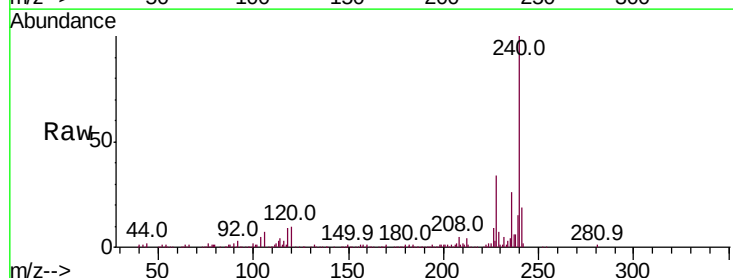
Tgt Ion:240 Resp: 195018

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

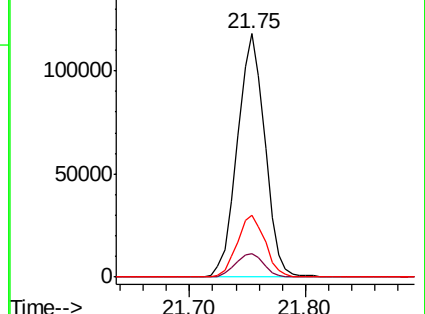
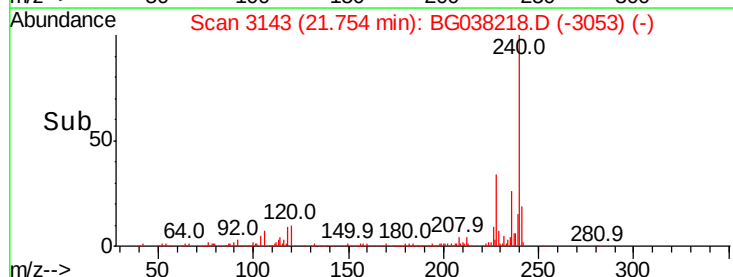
236 25.6 21.4 32.0

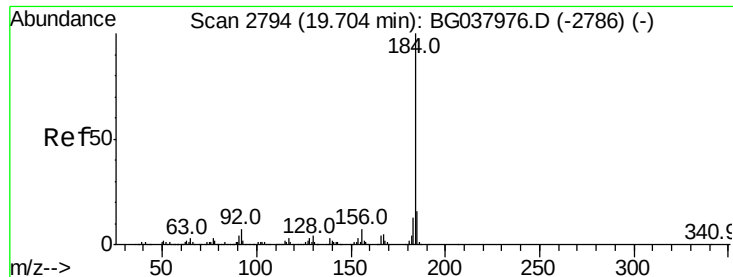


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.056 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

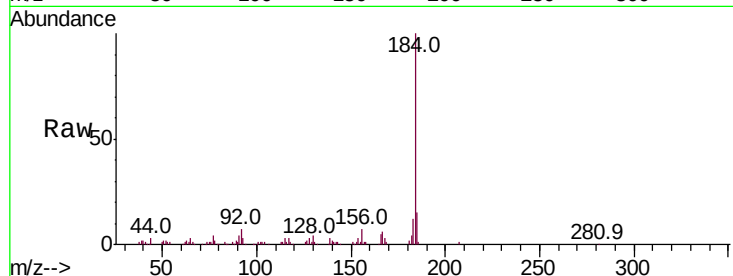
Tot Ion:184 Resp: 96187

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

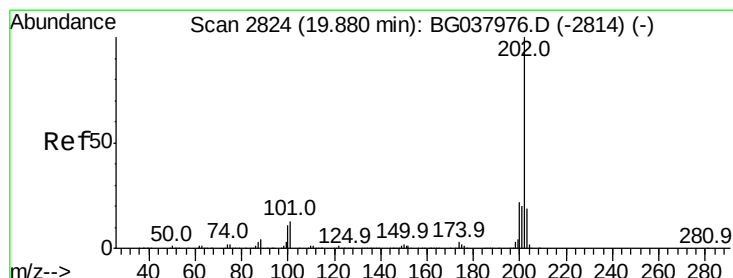
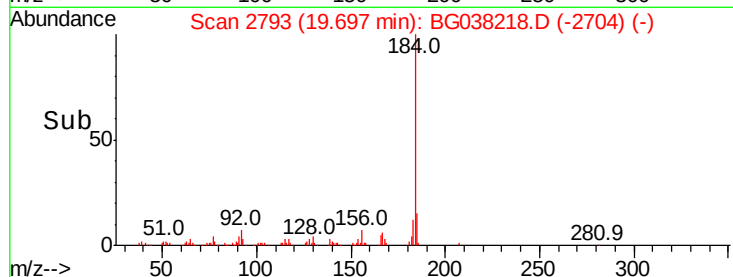
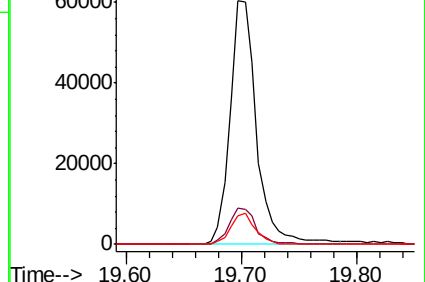
183 11.5 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.688 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

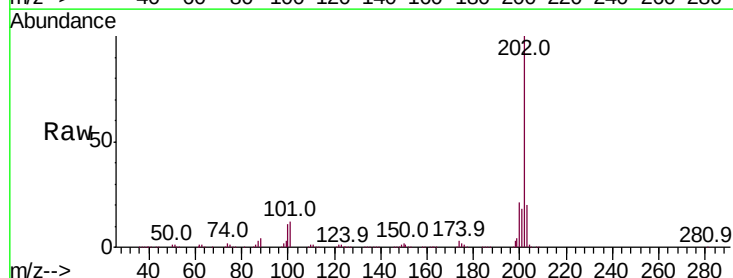
Tgt Ion:202 Resp: 455041

Ion Ratio Lower Upper

202 100

200 21.0 17.8 26.6

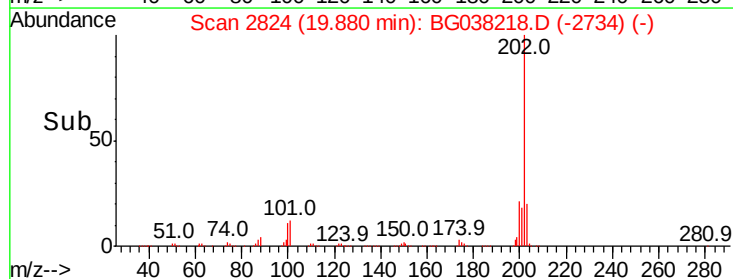
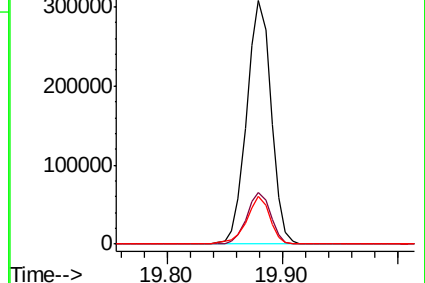
203 19.6 15.2 22.8

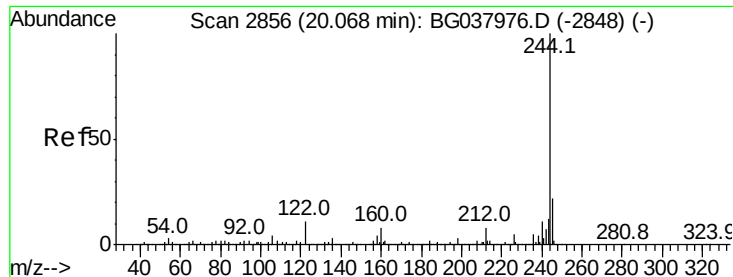


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.778 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

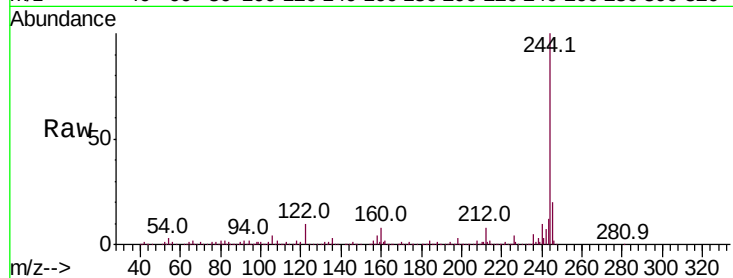
Tot Ion:244 Resp: 636341

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

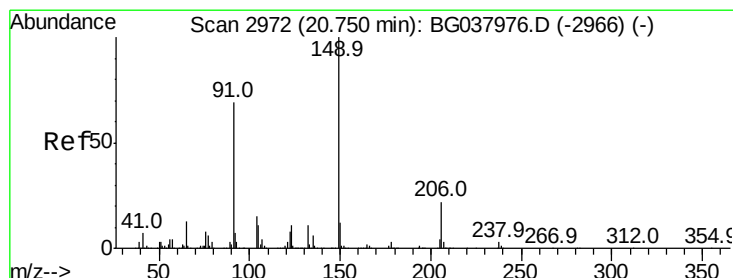
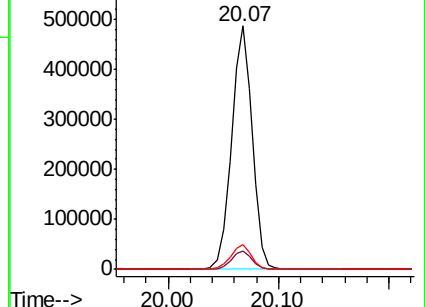
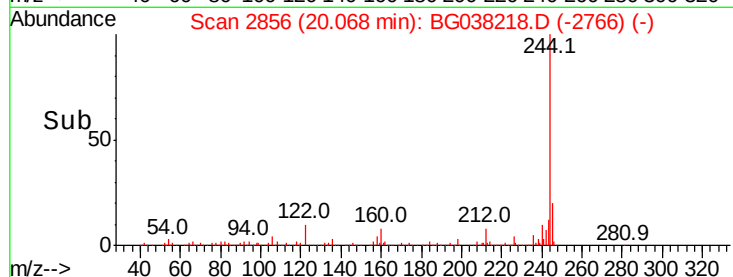
122 10.1 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.709 ng

RT: 20.75 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

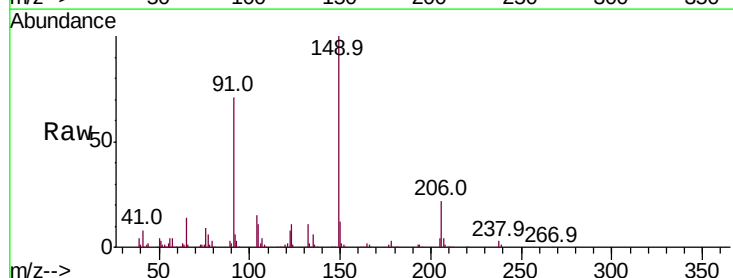
Tgt Ion:149 Resp: 193538

Ion Ratio Lower Upper

149 100

91 70.9 57.0 85.4

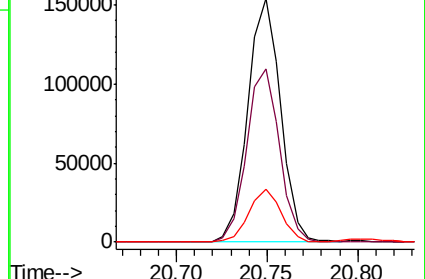
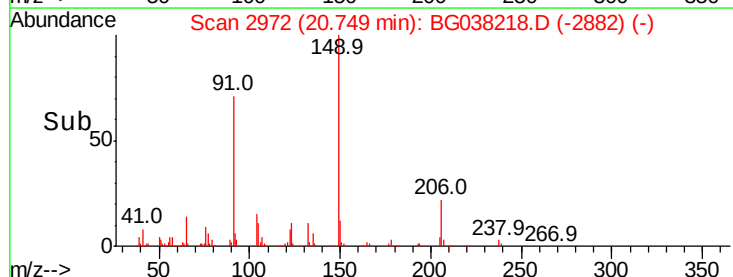
206 21.8 17.8 26.6

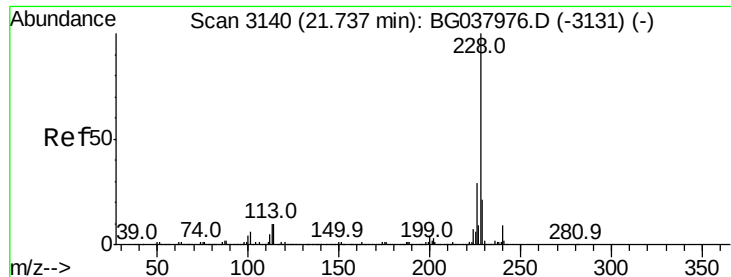


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.819 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

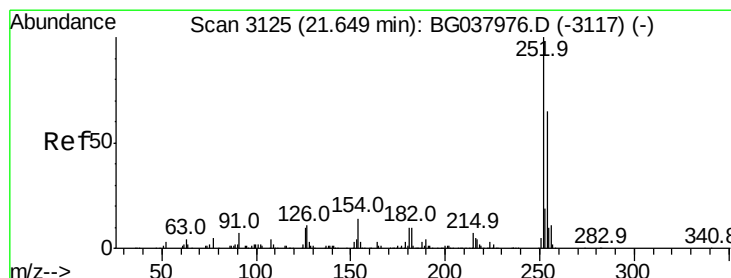
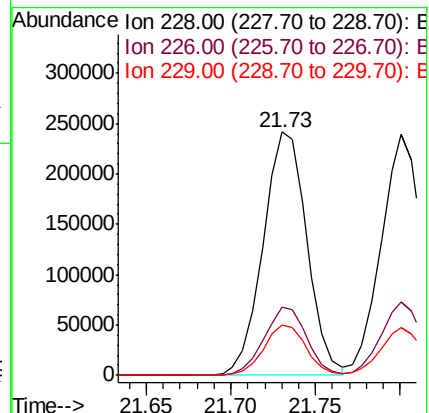
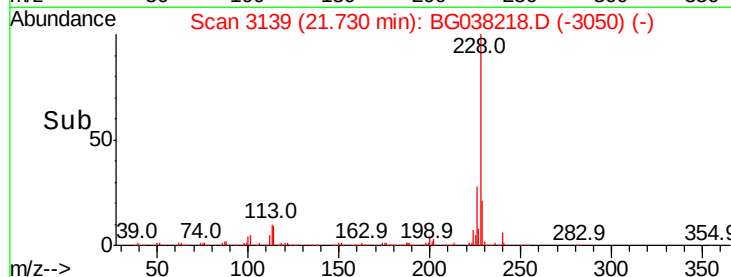
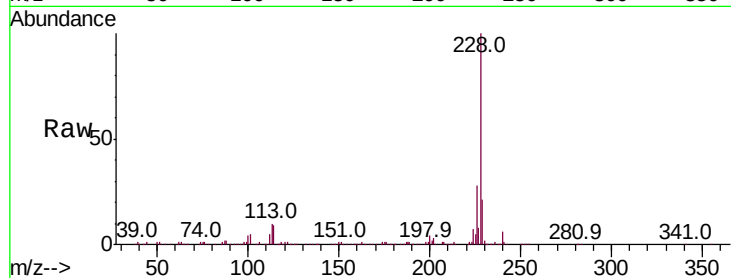
Tot Ion:228 Resp: 433918

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

229 20.7 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 15.651 ng

RT: 21.65 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

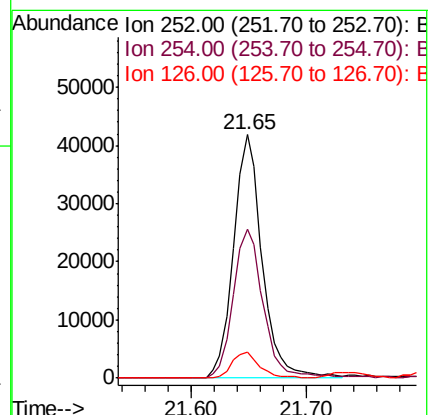
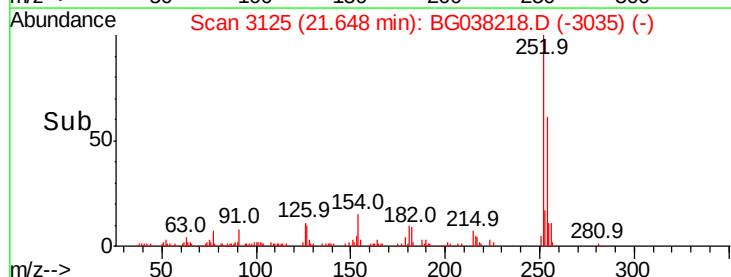
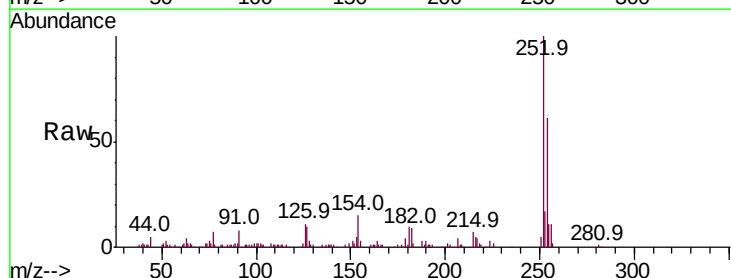
Tgt Ion:252 Resp: 71849

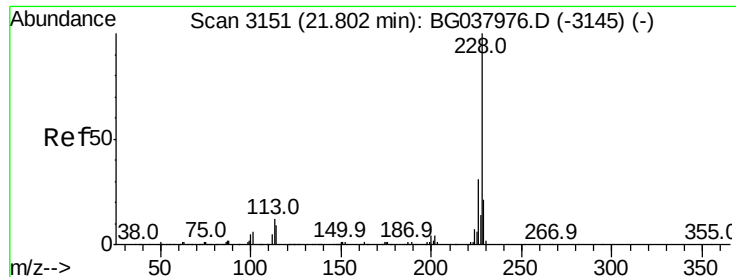
Ion Ratio Lower Upper

252 100

254 61.3 52.0 78.0

126 10.6 8.2 12.4





#83

Chrysene

Concen: 36.048 ng

RT: 21.80 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

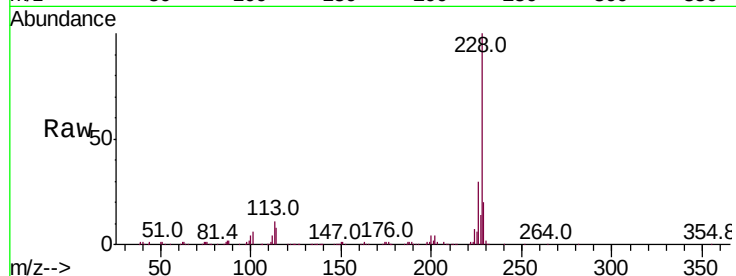
Tot Ion:228 Resp: 406475

Ion Ratio Lower Upper

228 100

226 30.3 25.7 38.5

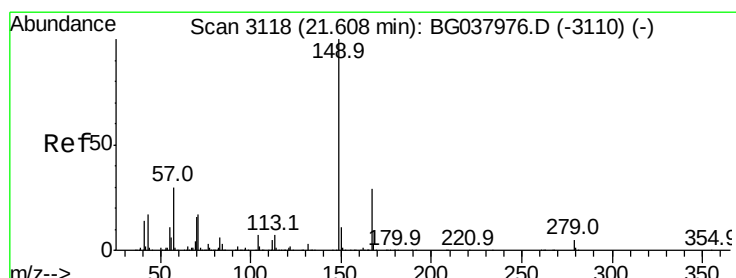
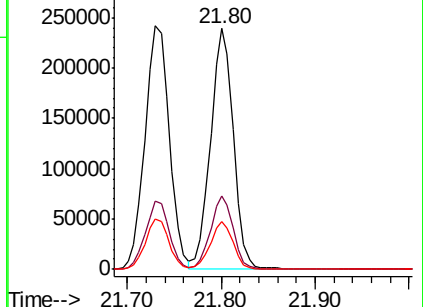
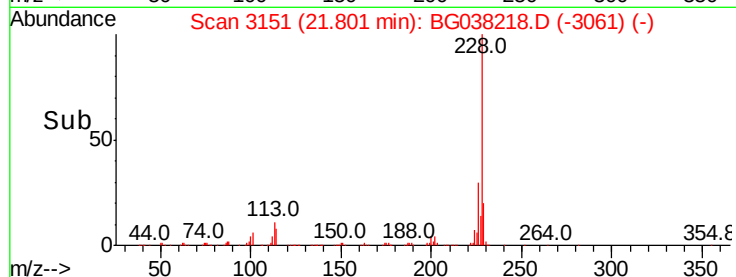
229 20.1 16.5 24.7



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: 35.003 ng

RT: 21.60 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

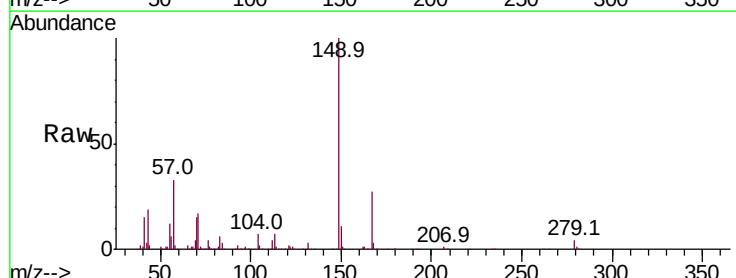
Tgt Ion:149 Resp: 278338

Ion Ratio Lower Upper

149 100

167 27.2 23.0 34.4

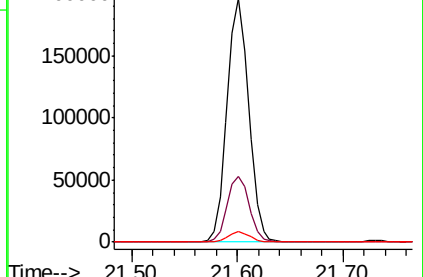
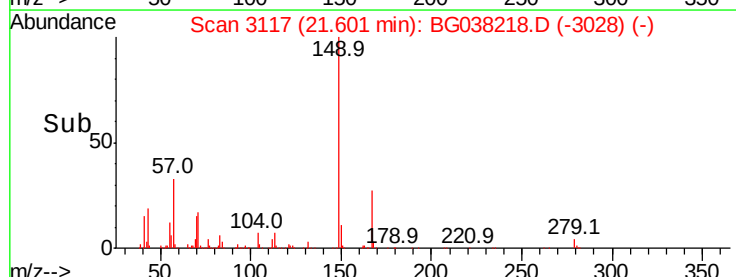
279 4.3 3.6 5.4

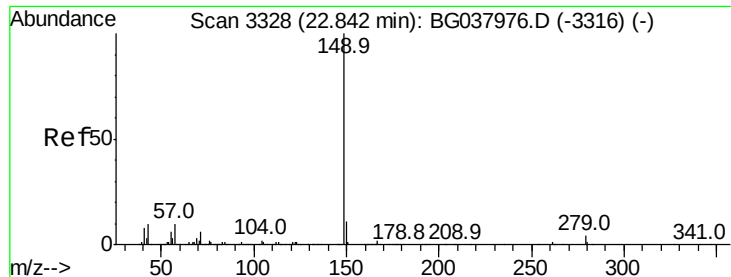


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

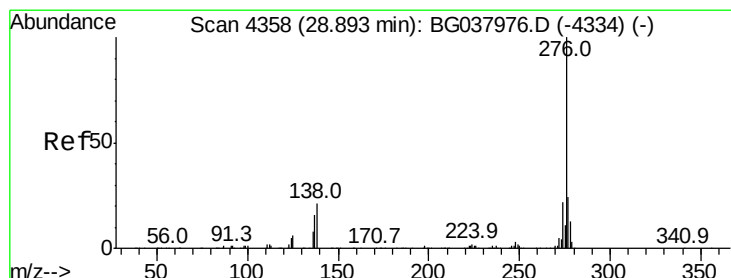
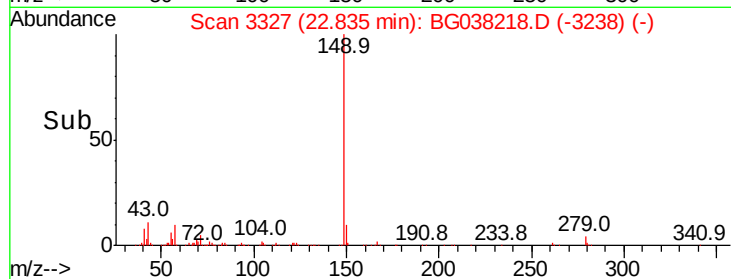
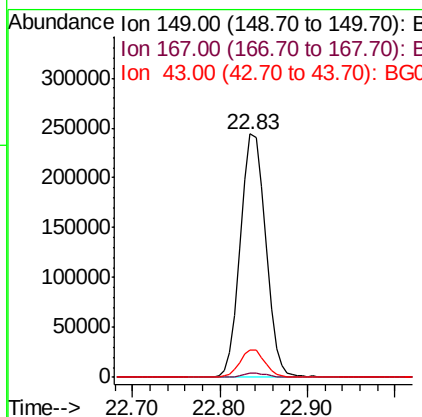
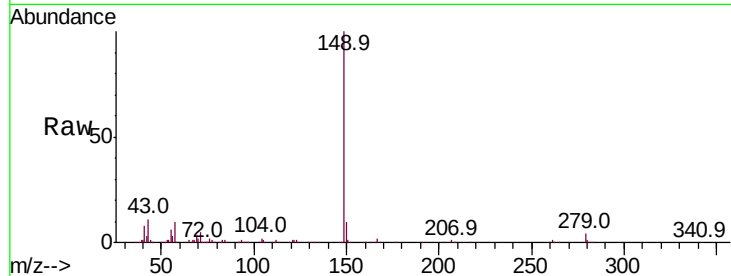




#85
Di-n-octyl phthalate
Concen: 37.100 ng
RT: 22.83 min Scan# 3327
Delta R.T. -0.01 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

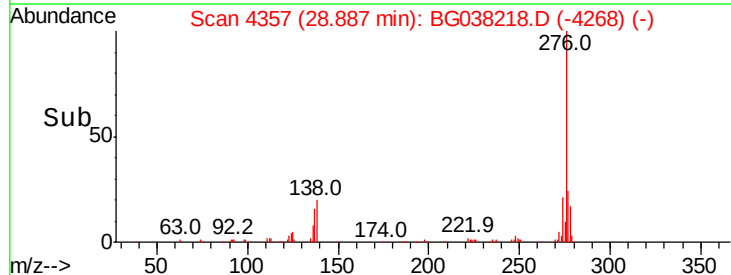
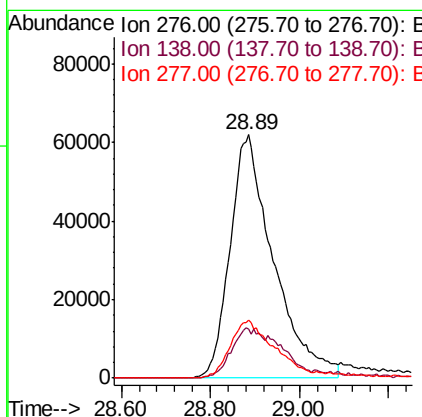
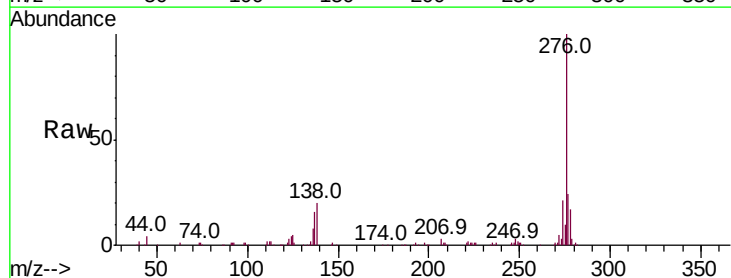
Instrument :
BNA_G
ClientSampleId :
PB115103BS

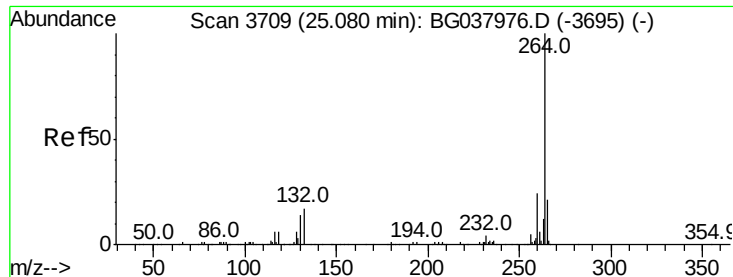
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.5	8.7	13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.537 ng
RT: 28.89 min Scan# 4357
Delta R.T. -0.01 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.7	12.0	18.0#
277	24.1	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

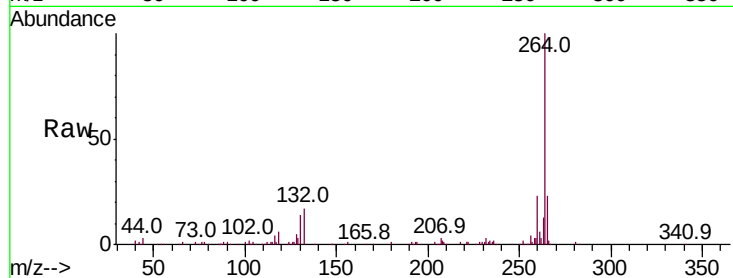
Tot Ion:264 Resp: 204385

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

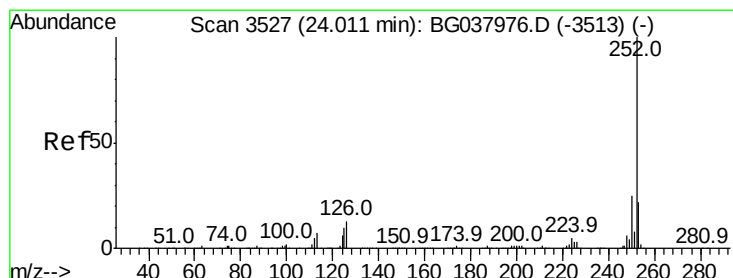
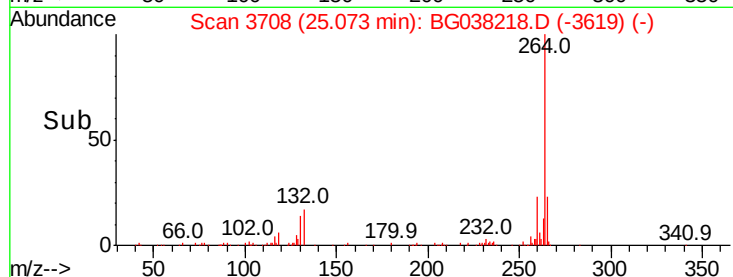
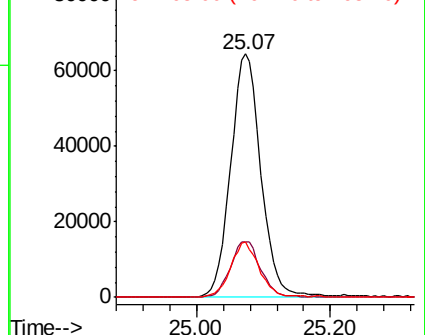
265 22.7 17.9 26.9



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: 37.245 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.00 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

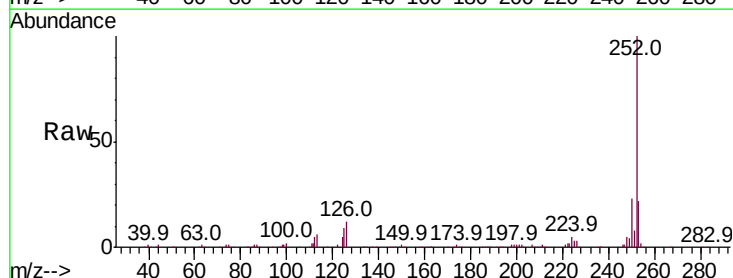
Tgt Ion:252 Resp: 418910

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

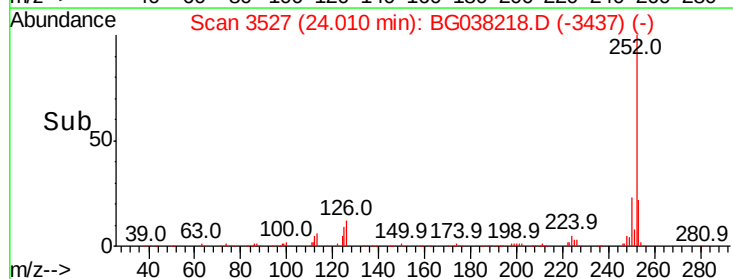
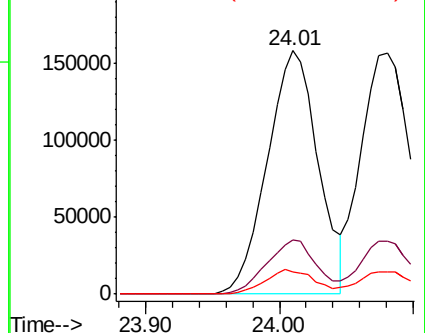
125 9.3 7.8 11.6

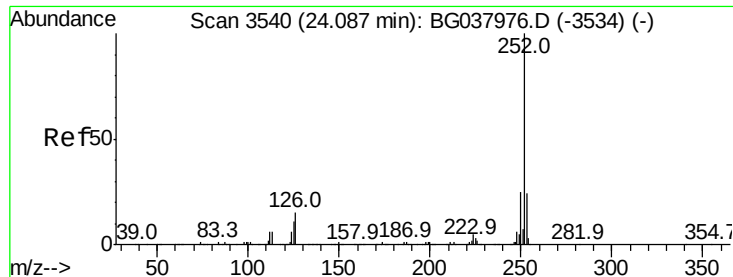


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

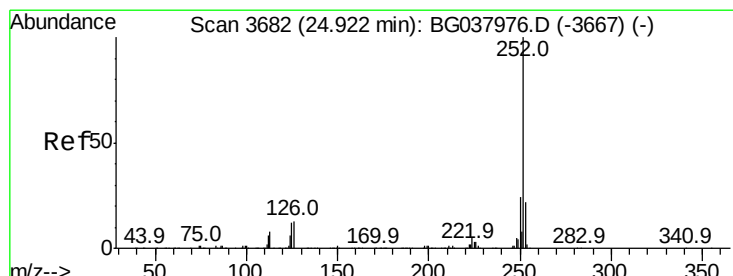
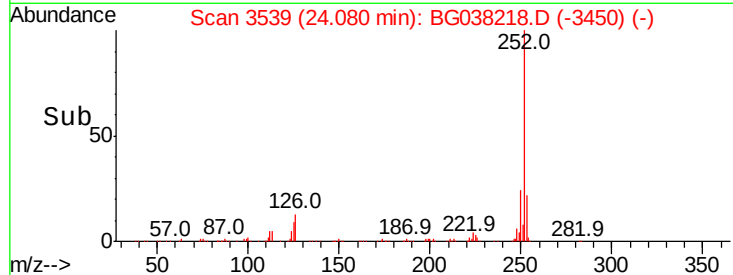
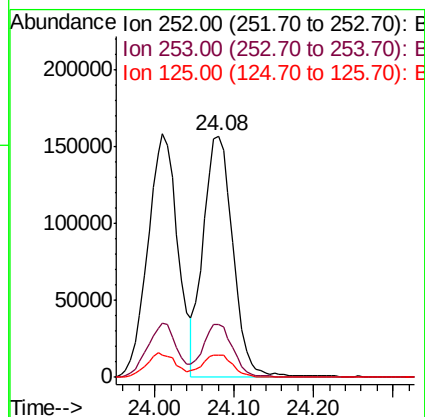
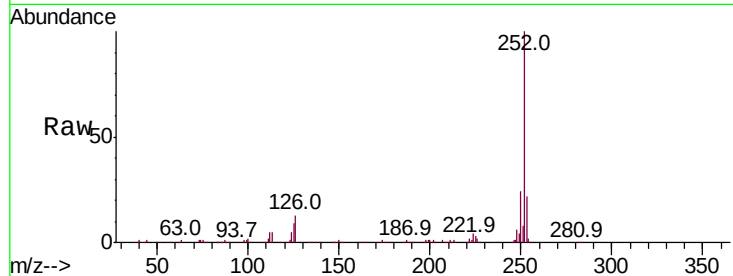




#89
Benzo(k)fluoranthene
Concen: 36.659 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

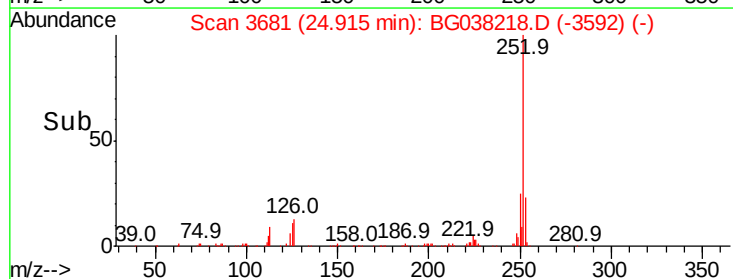
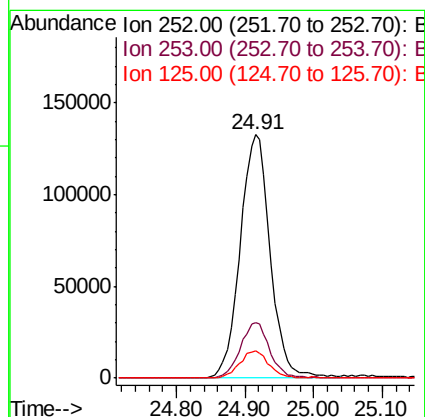
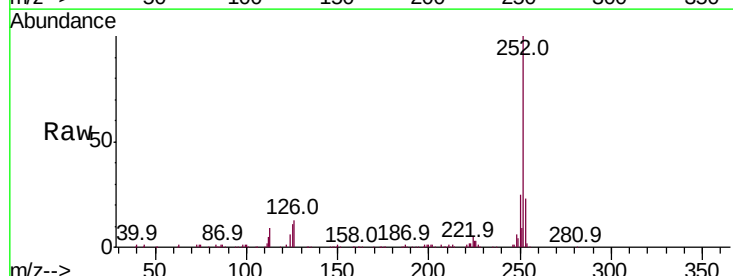
Instrument :
BNA_G
ClientSampleId :
PB115103BS

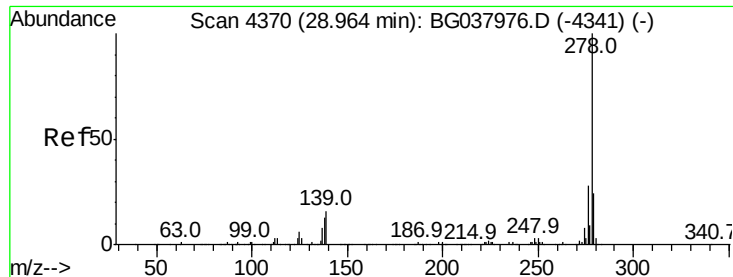
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.2	7.4	11.0



#90
Benzo(a)pyrene
Concen: 37.574 ng
RT: 24.91 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG038218.D
Acq: 29 Nov 2018 3:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	11.2	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 33.613 ng

RT: 28.95 min Scan# 4368

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

Instrument :

BNA_G

ClientSampleId :

PB115103BS

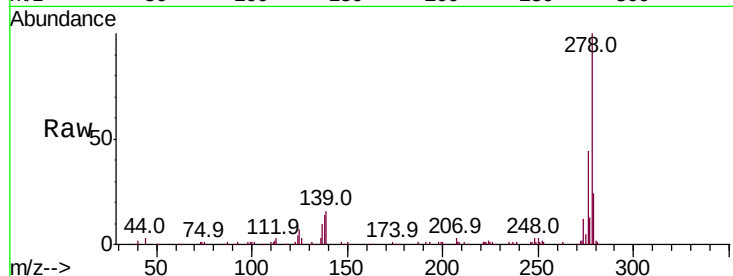
Tot Ion:278 Resp: 347640

Ion Ratio Lower Upper

278 100

139 15.6 11.5 17.3

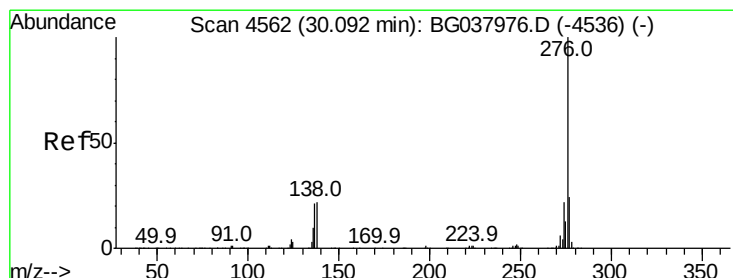
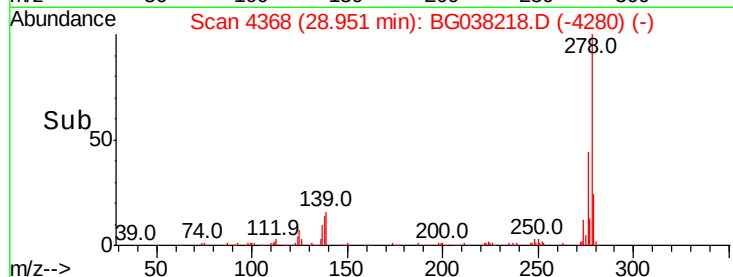
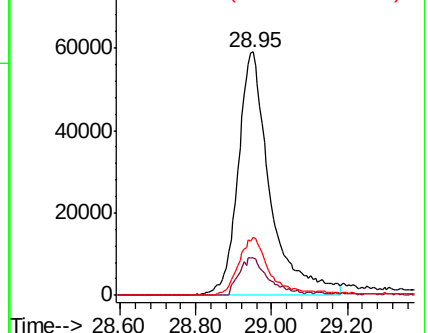
279 23.6 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 33.361 ng

RT: 30.09 min Scan# 4561

Delta R.T. -0.01 min

Lab File: BG038218.D

Acq: 29 Nov 2018 3:07

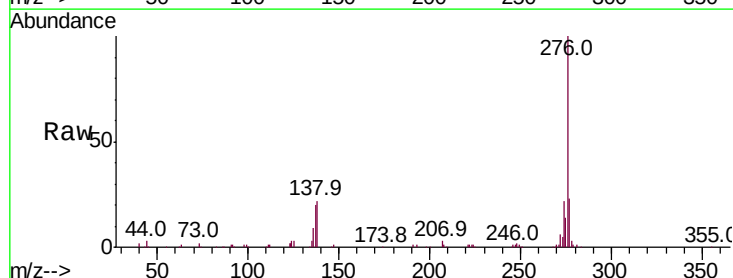
Tgt Ion:276 Resp: 343064

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 21.7 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

