

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112618\
 Data File : BG038151.D
 Acq On : 27 Nov 2018 1:20
 Operator : JU/SJ
 Sample : PB115042BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115042BS

Quant Time: Nov 27 06:56:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	44499	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	196110	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	120318	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	283509	20.00	ng	0.00
76) Chrysene-d12	21.76	240	265099	20.00	ng	0.00
87) Perylene-d12	25.09	264	262990	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	395569	153.48	ng	0.00
7) Phenol-d6	7.24	99	528595	143.68	ng	0.01
23) Nitrobenzene-d5	9.26	82	252335	68.88	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	188007	137.01	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	539007	65.26	ng	0.00
79) Terphenyl-d14	20.07	244	838363	74.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	40956	33.643	ng	# 94
3) Pyridine	3.92	79	115106	33.146	ng	96
4) n-Nitrosodimethylamine	3.84	42	64908	51.520	ng	95
6) Aniline	7.41	93	168154	35.414	ng	97
8) 2-Chlorophenol	7.65	128	145514	48.658	ng	100
9) Benzaldehyde	7.22	77	61564	23.140	ng	100
10) Phenol	7.27	94	189944	48.743	ng	97
11) bis(2-Chloroethyl)ether	7.51	93	139165	43.744	ng	98
12) 1,3-Dichlorobenzene	7.97	146	143165	41.555	ng	97
13) 1,4-Dichlorobenzene	8.12	146	149163	42.861	ng	100
14) 1,2-Dichlorobenzene	8.44	146	142614	42.922	ng	98
15) Benzyl Alcohol	8.33	79	128605	48.310	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	285392	48.311	ng	98
17) 2-Methylphenol	8.52	107	128814	48.894	ng	98
18) Hexachloroethane	9.17	117	54747	43.225	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	112562	42.284	ng	99
20) 3+4-Methylphenols	8.85	107	177743	47.591	ng	98
22) Acetophenone	8.92	105	210163	43.072	ng	# 99
24) Nitrobenzene	9.31	77	170677	45.542	ng	96
25) Isophorone	9.82	82	316699	48.028	ng	98
26) 2-Nitrophenol	10.02	139	83767	44.773	ng	95
27) 2,4-Dimethylphenol	10.06	122	147743	52.412	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	189819	45.018	ng	95
29) 2,4-Dichlorophenol	10.55	162	150599	47.497	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	151942	42.764	ng	96
31) Naphthalene	10.96	128	445617	46.199	ng	99
32) Benzoic acid	10.21	122	84002	46.722	ng	94
33) 4-Chloroaniline	11.07	127	113596	25.318	ng	98
34) Hexachlorobutadiene	11.22	225	90169	41.235	ng	95
35) Caprolactam	11.87	113	41128	32.406	ng	88
36) 4-Chloro-3-methylphenol	12.18	107	162368	46.873	ng	96
37) 2-Methylnaphthalene	12.55	142	326177	47.077	ng	97
38) 1-Methylnaphthalene	12.78	142	312532	46.862	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	168513	41.913	ng	99

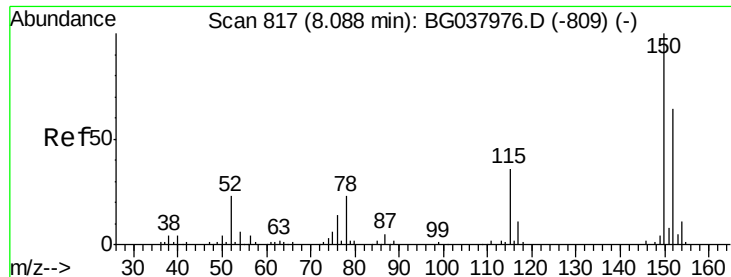
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112618\
 Data File : BG038151.D
 Acq On : 27 Nov 2018 1:20
 Operator : JU/SJ
 Sample : PB115042BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	192861	89.583	ng	97
43) 2,4,6-Trichlorophenol	13.16	196	122853	44.842	ng	97
44) 2,4,5-Trichlorophenol	13.23	196	130219	45.173	ng	97
46) 1,1'-Biphenyl	13.56	154	414118	40.969	ng	99
47) 2-Chloronaphthalene	13.61	162	331085	42.924	ng	99
48) 2-Nitroaniline	13.82	65	114596	47.206	ng	93
49) Acenaphthylene	14.45	152	543386	46.847	ng	100
50) Dimethylphthalate	14.18	163	423486	44.398	ng	99
51) 2,6-Dinitrotoluene	14.30	165	97610	45.215	ng	97
52) Acenaphthene	14.79	154	313694	44.923	ng	99
53) 3-Nitroaniline	14.64	138	79077	33.195	ng	# 99
54) 2,4-Dinitrophenol	14.85	184	90345	77.826	ng	88
55) Dibenzofuran	15.12	168	505802	43.805	ng	97
56) 4-Nitrophenol	14.94	139	165743	90.212	ng	94
57) 2,4-Dinitrotoluene	15.09	165	136594	46.504	ng	98
58) Fluorene	15.77	166	405323	47.048	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	119219	49.425	ng	98
60) Diethylphthalate	15.53	149	439058	43.337	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	212701	42.194	ng	99
62) 4-Nitroaniline	15.81	138	108542	45.867	ng	95
63) Azobenzene	16.05	77	407387	44.973	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	75491	42.098	ng	97
66) n-Nitrosodiphenylamine	15.97	169	368950	43.017	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	134025	43.070	ng	97
68) Hexachlorobenzene	16.77	284	136239	42.416	ng	98
69) Atrazine	16.92	200	139861	44.235	ng	98
70) Pentachlorophenol	17.11	266	170054	77.955	ng	98
71) Phenanthrene	17.51	178	673822	46.422	ng	100
72) Anthracene	17.61	178	689228	48.170	ng	99
73) Carbazole	17.88	167	628634	43.791	ng	99
74) Di-n-butylphthalate	18.41	149	758169	47.049	ng	99
75) Fluoranthene	19.52	202	803639	48.526	ng	99
77) Benzidine	19.70	184	342097	36.776	ng	98
78) Pyrene	19.89	202	799356	46.119	ng	98
80) Butylbenzylphthalate	20.76	149	352142	46.458	ng	97
81) Benzo(a)anthracene	21.74	228	761616	47.541	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	198090	31.743	ng	99
83) Chrysene	21.81	228	706418	46.087	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	495807	45.868	ng	100
85) Di-n-octyl phthalate	22.85	149	849162	48.558	ng	99
86) Indeno(1,2,3-cd)pyrene	28.90	276	818049	48.053	ng	# 91
88) Benzo(b)fluoranthene	24.02	252	754657	52.144	ng	99
89) Benzo(k)fluoranthene	24.09	252	716668	50.184	ng	98
90) Benzo(a)pyrene	24.93	252	729552	52.747	ng	98
91) Dibenzo(a,h)anthracene	28.97	278	660815	49.656	ng	98
92) Benzo(g,h,i)perylene	30.12	276	677280	51.184	ng	98

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

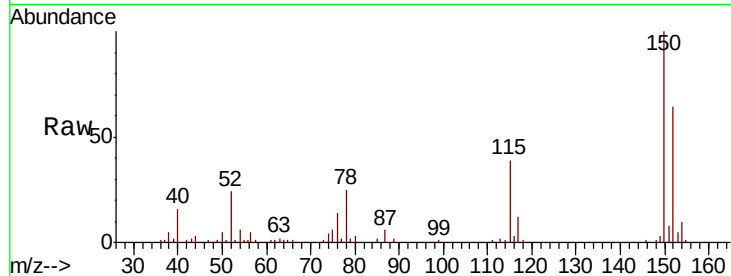


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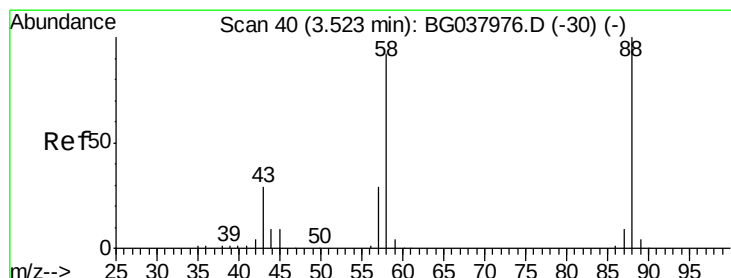
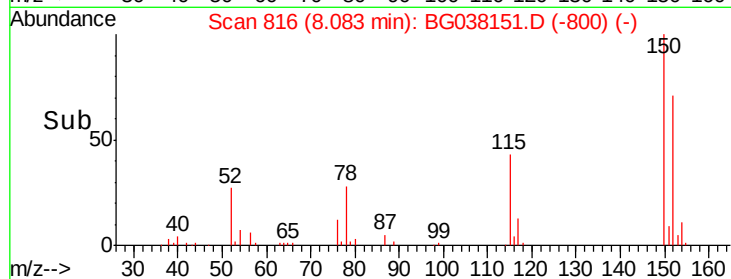
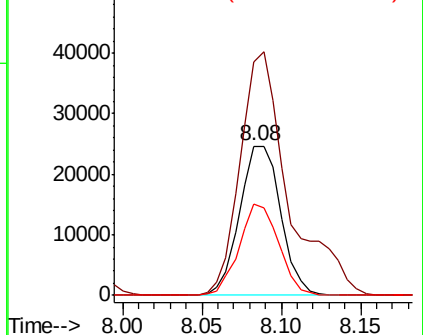
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038151.D
Acq: 27 Nov 2018 1:20

Instrument :
BNA_G
ClientSampleId :
PB115042BS

Tgt Ion:152 Resp: 44499
Ion Ratio Lower Upper
152 100
150 156.0 126.0 189.0
115 61.4 45.5 68.3



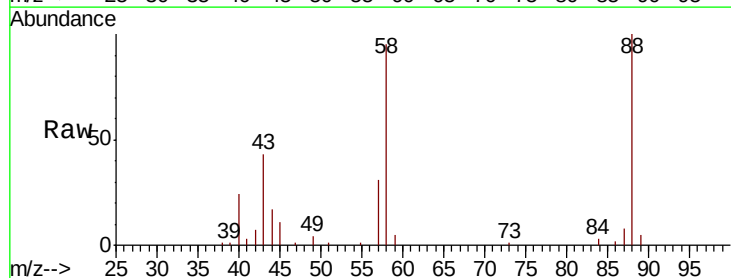
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



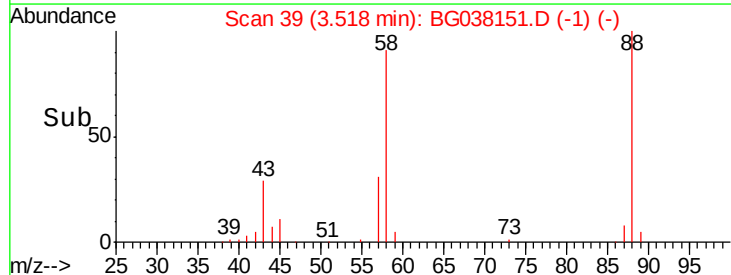
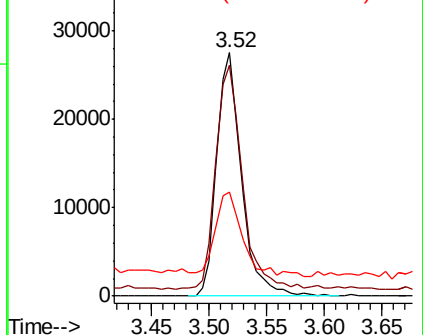
#2

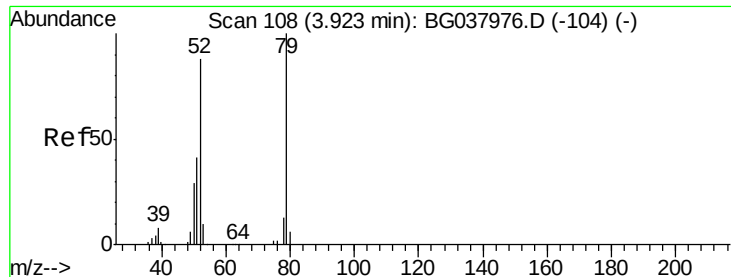
1,4-Dioxane
Concen: 33.643 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG038151.D
Acq: 27 Nov 2018 1:20

Tgt Ion: 88 Resp: 40956
Ion Ratio Lower Upper
88 100
58 96.2 74.4 111.6
43 39.5 25.8 38.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 33.146 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

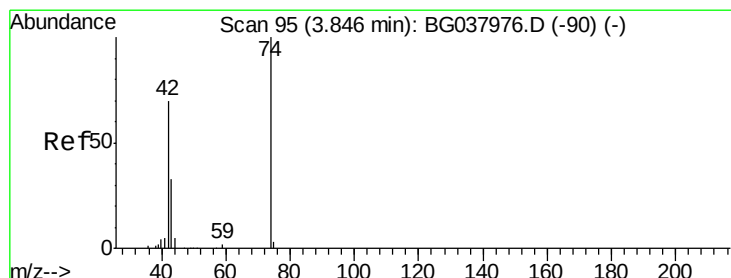
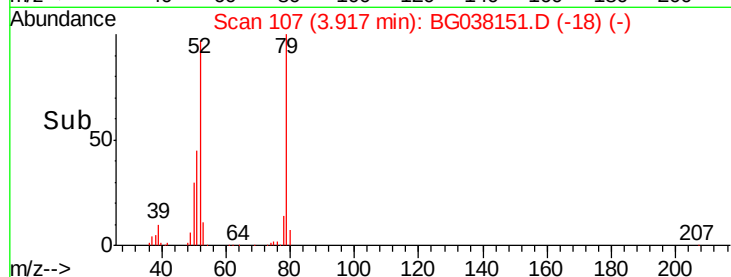
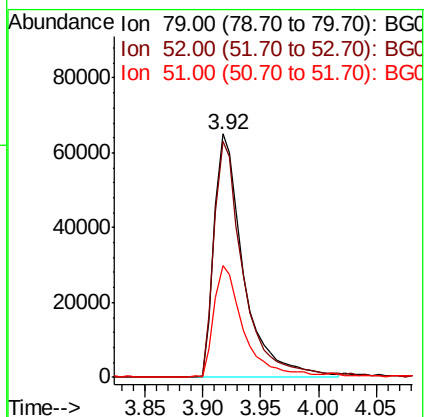
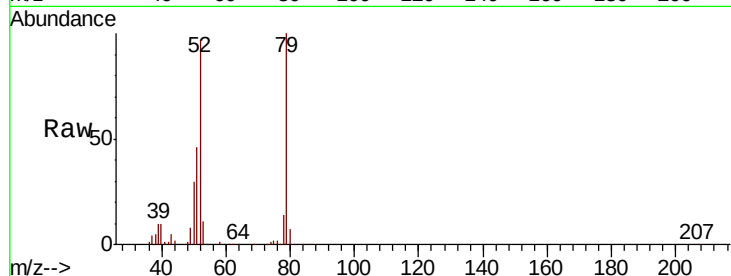
Tgt Ion: 79 Resp: 115106

Ion Ratio Lower Upper

79 100

52 96.7 74.2 111.2

51 46.0 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 51.520 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

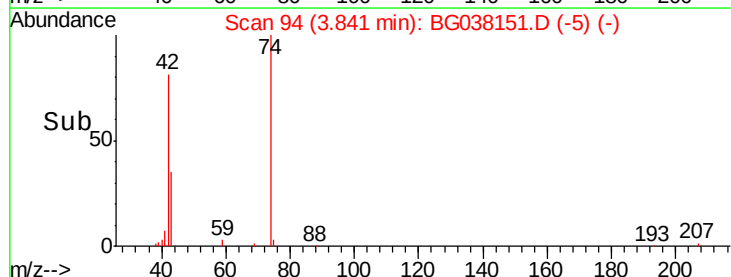
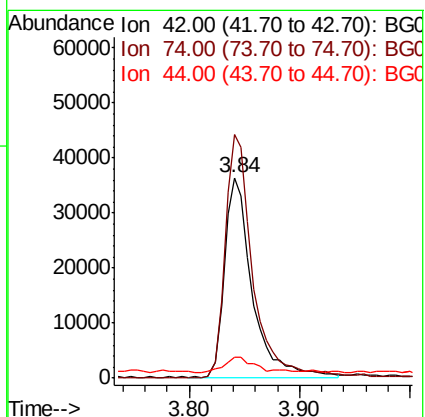
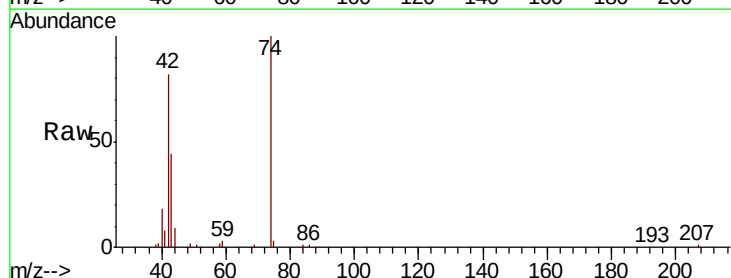
Tgt Ion: 42 Resp: 64908

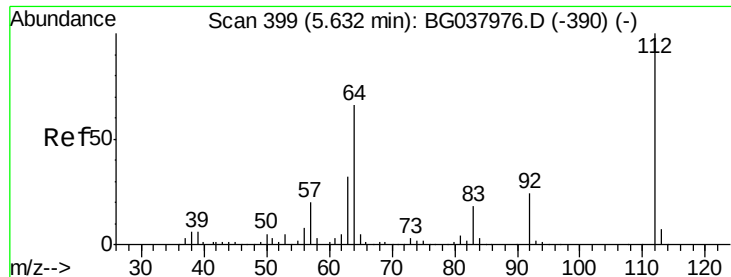
Ion Ratio Lower Upper

42 100

74 121.5 102.0 153.0

44 10.3 9.6 14.4





#5

2-Fluorophenol

Concen: 153.481 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

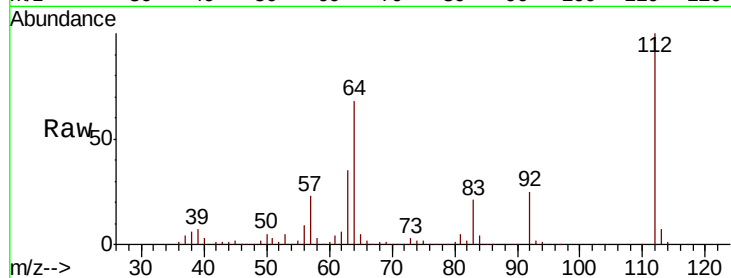
Tgt Ion: 112 Resp: 395569

Ion Ratio Lower Upper

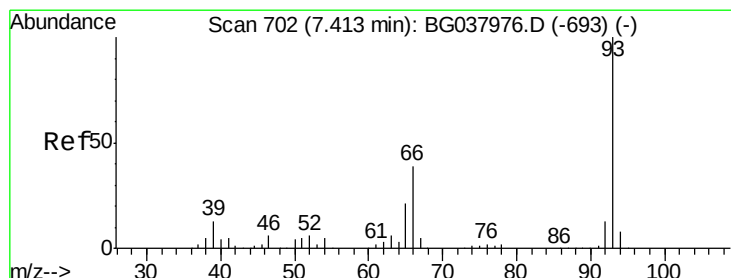
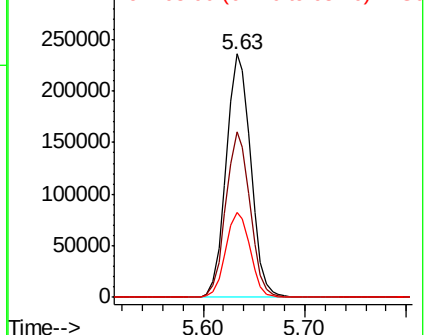
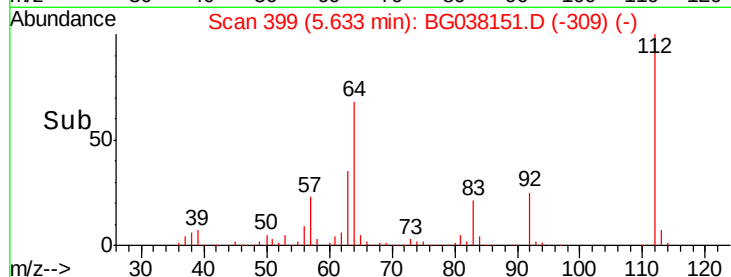
112 100

64 67.9 53.1 79.7

63 34.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.414 ng

RT: 7.41 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

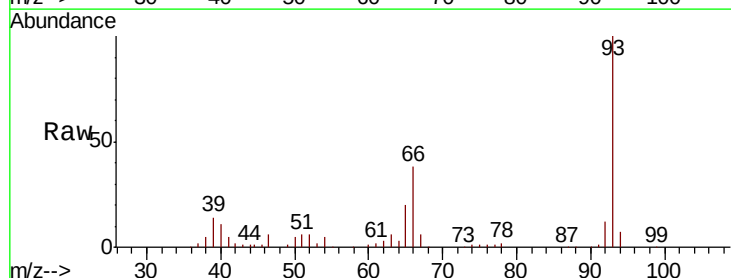
Tgt Ion: 93 Resp: 168154

Ion Ratio Lower Upper

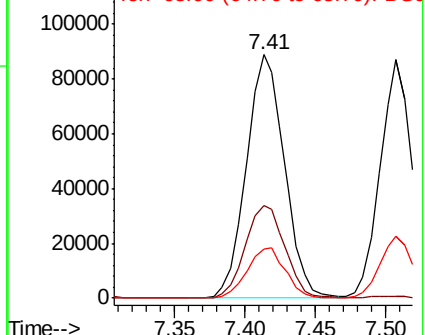
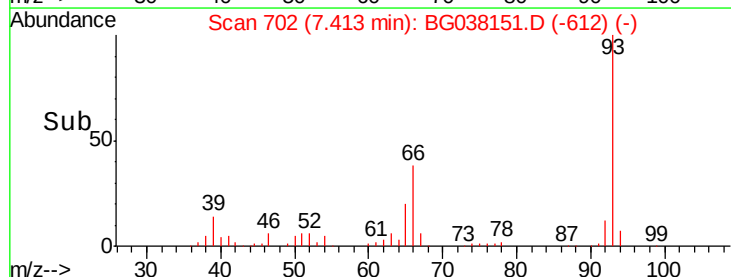
93 100

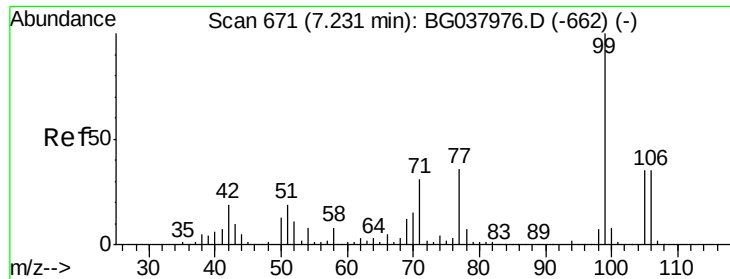
66 38.2 32.8 49.2

65 20.0 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: 143.681 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

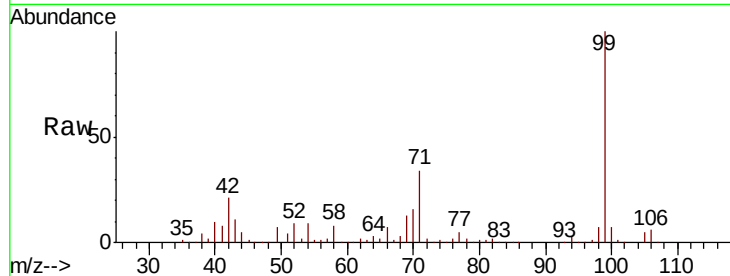
Tgt Ion: 99 Resp: 528595

Ion Ratio Lower Upper

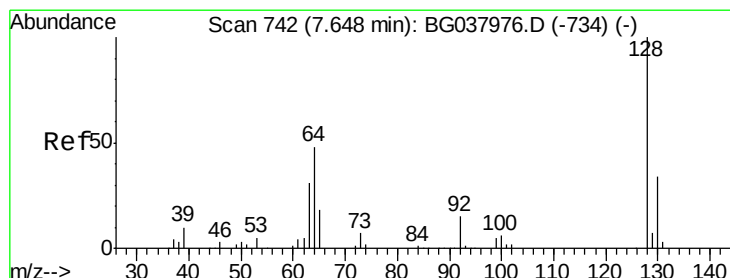
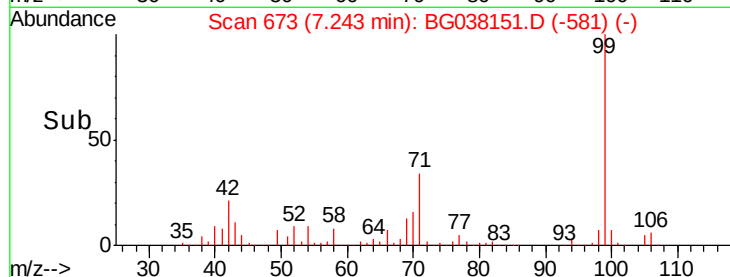
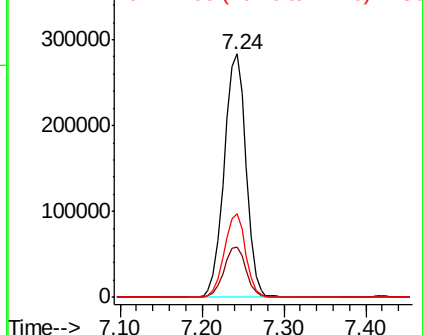
99 100

42 20.6 15.0 22.4

71 34.2 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: 48.658 ng

RT: 7.65 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

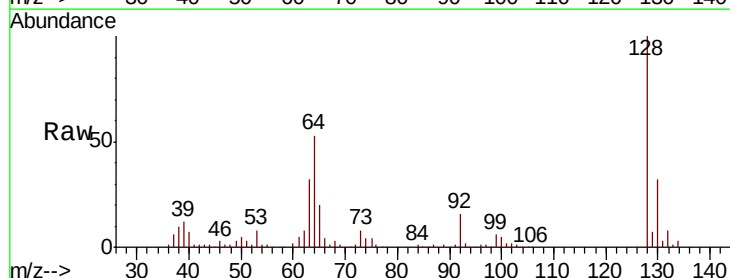
Tgt Ion: 128 Resp: 145514

Ion Ratio Lower Upper

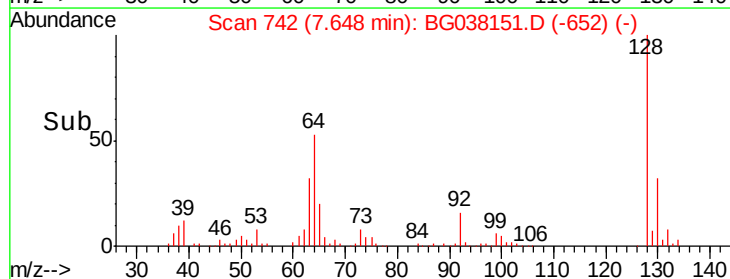
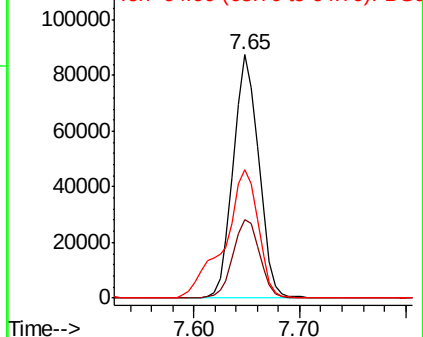
128 100

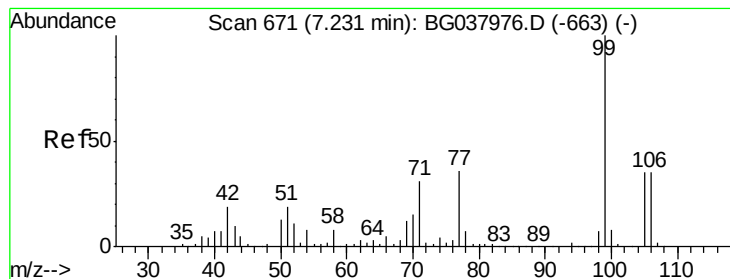
130 32.2 12.0 52.0

64 52.5 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: 23.140 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

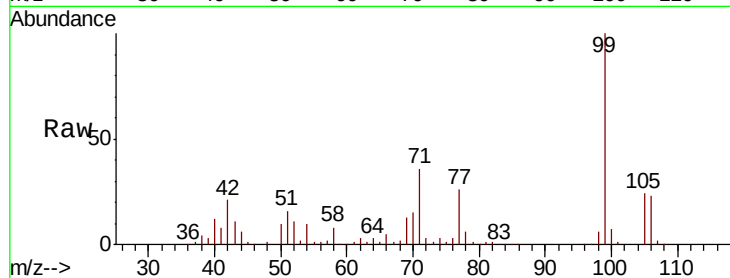
Tgt Ion: 77 Resp: 61564

Ion Ratio Lower Upper

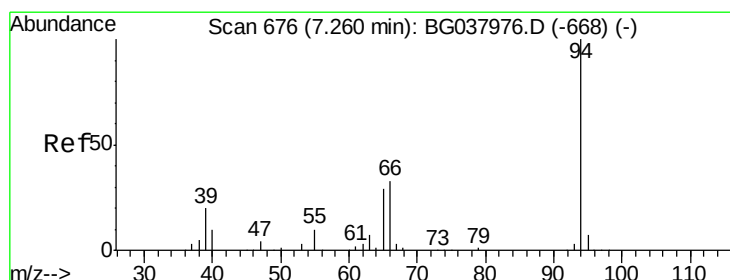
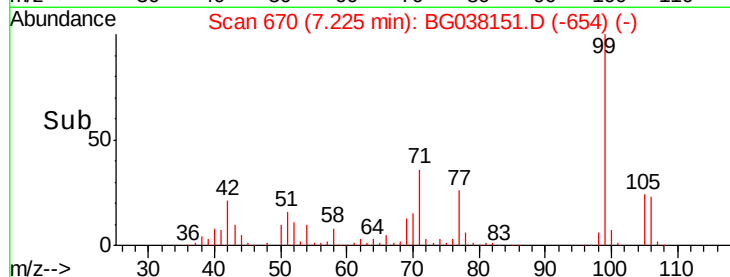
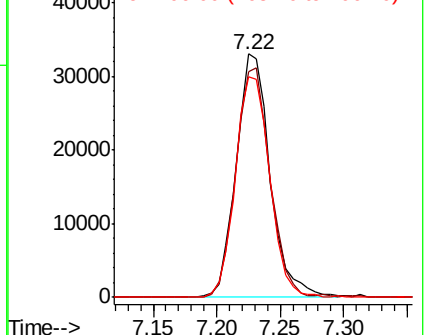
77 100

105 92.5 72.6 112.6

106 90.6 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: 48.743 ng

RT: 7.27 min Scan# 677

Delta R.T. 0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

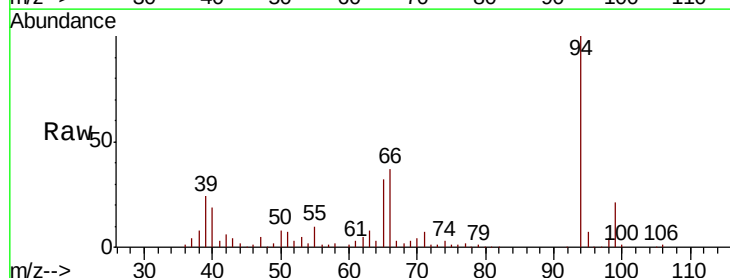
Tgt Ion: 94 Resp: 189944

Ion Ratio Lower Upper

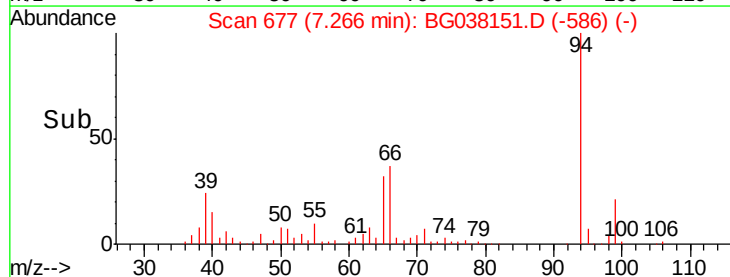
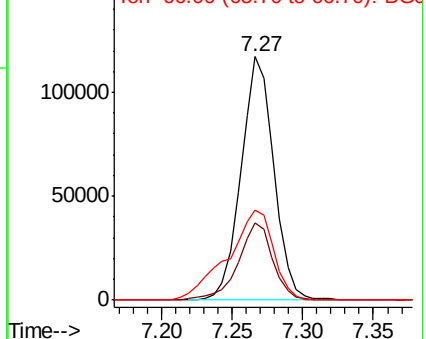
94 100

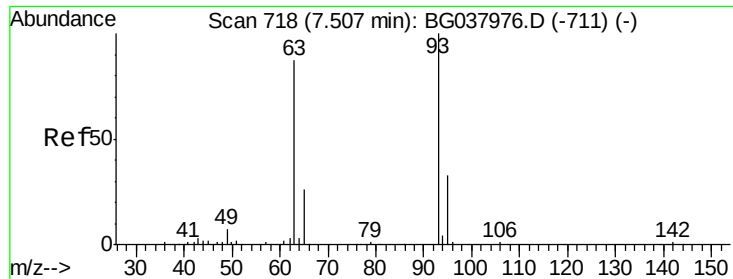
65 31.7 9.7 49.7

66 36.8 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

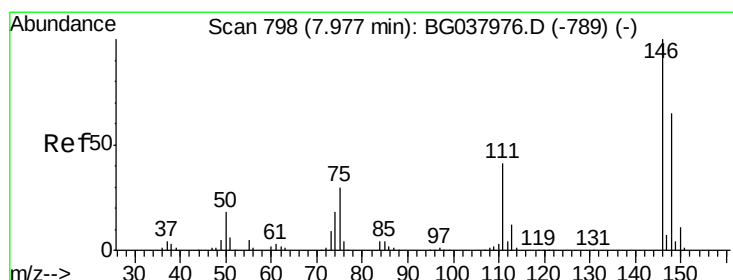
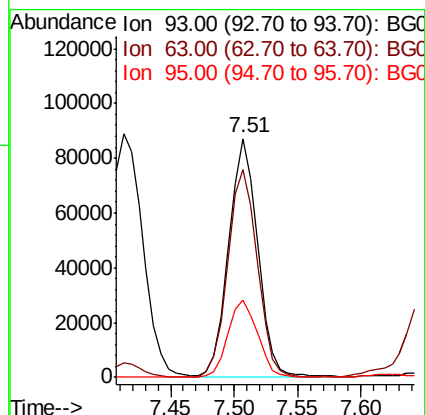
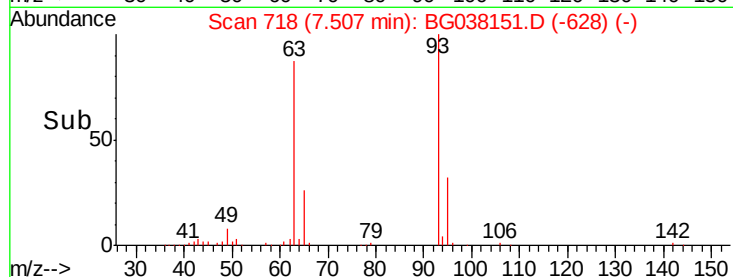
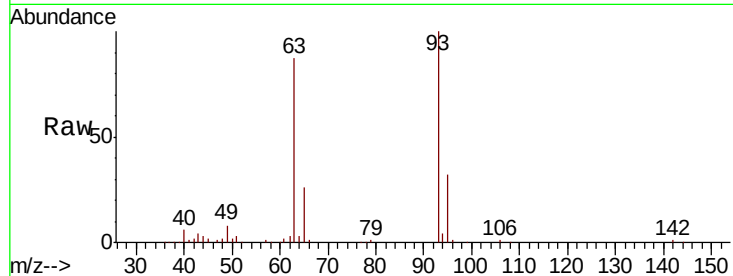




#11
bis(2-Chloroethyl)ether
Concen: 43.744 ng
RT: 7.51 min Scan# 718
Delta R.T. 0.00 min
Lab File: BG038151.D
Acq: 27 Nov 2018 1:20

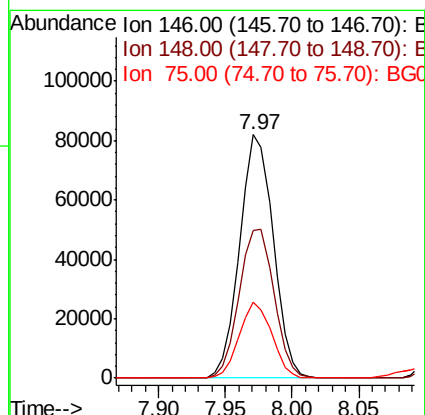
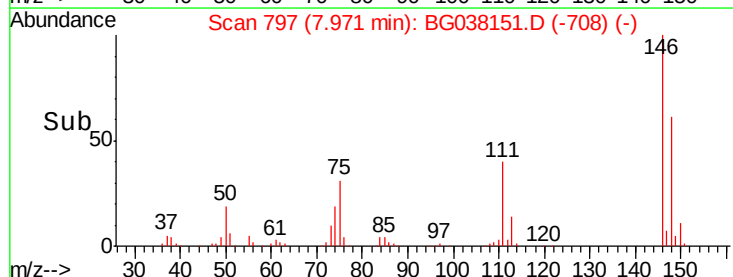
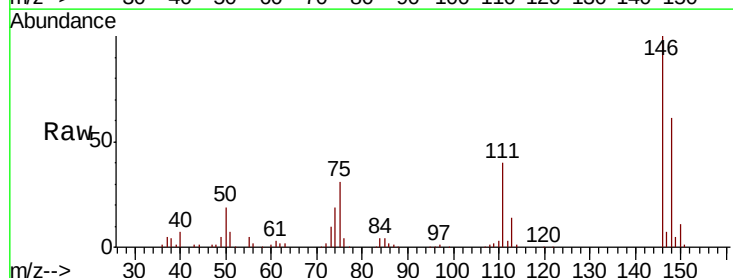
Instrument :
BNA_G
ClientSampleId :
PB115042BS

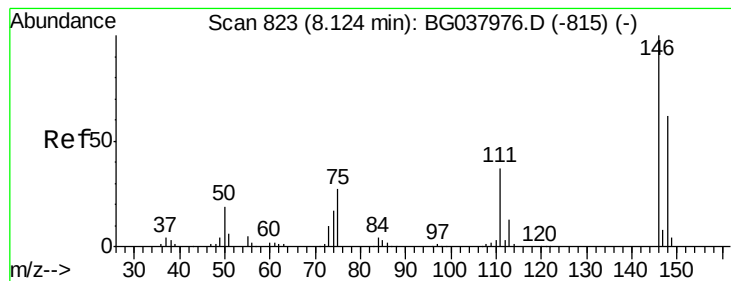
Tgt Ion: 93 Resp: 139165
Ion Ratio Lower Upper
93 100
63 86.9 69.5 109.5
95 32.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.555 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG038151.D
Acq: 27 Nov 2018 1:20

Tgt Ion: 146 Resp: 143165
Ion Ratio Lower Upper
146 100
148 60.7 49.8 74.8
75 31.0 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 42.861 ng

RT: 8.12 min Scan# 823

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

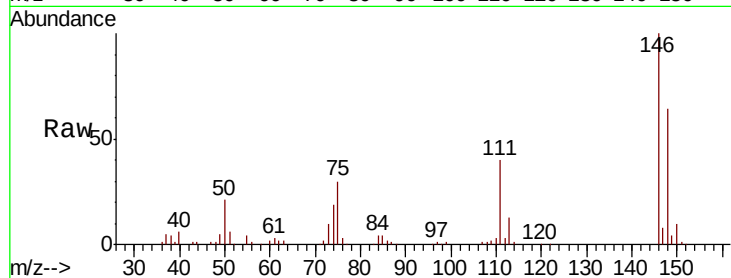
Tgt Ion:146 Resp: 149163

Ion Ratio Lower Upper

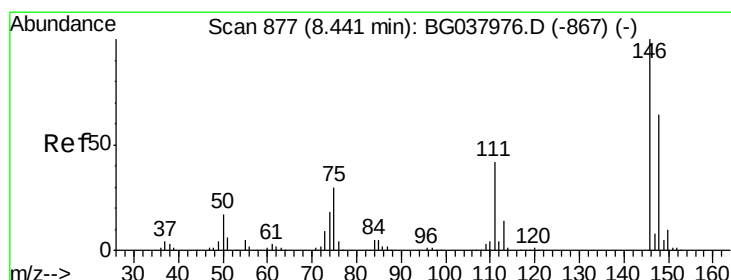
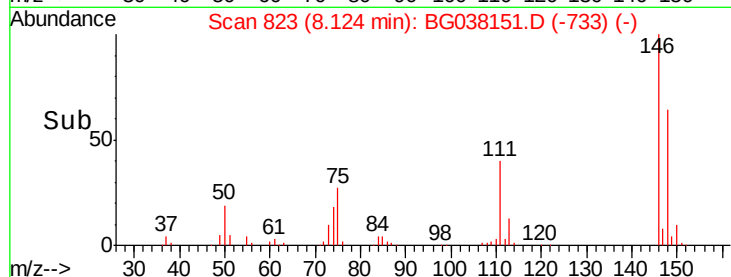
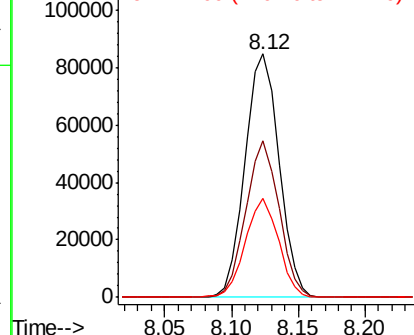
146 100

148 64.1 51.0 76.6

111 40.5 32.4 48.6



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



#14

1,2-Dichlorobenzene

Concen: 42.922 ng

RT: 8.44 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

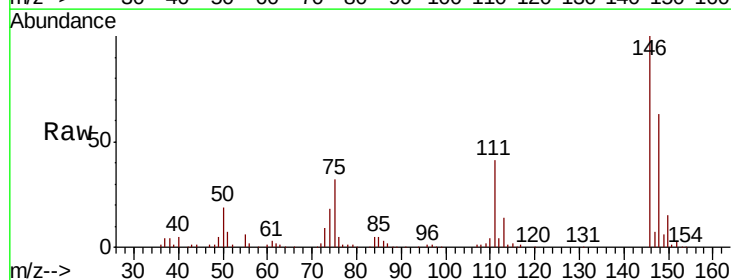
Tgt Ion:146 Resp: 142614

Ion Ratio Lower Upper

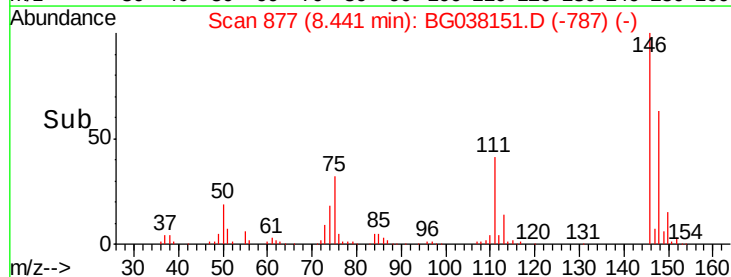
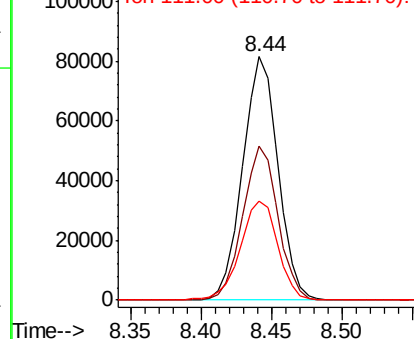
146 100

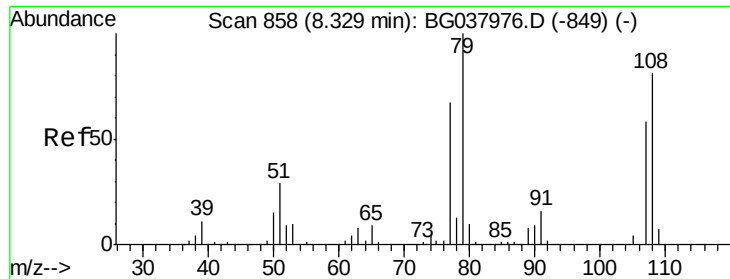
148 63.3 50.4 75.6

111 40.7 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 48.310 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

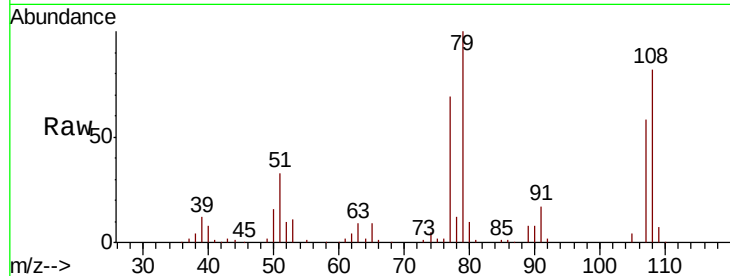
Tgt Ion: 79 Resp: 128605

Ion Ratio Lower Upper

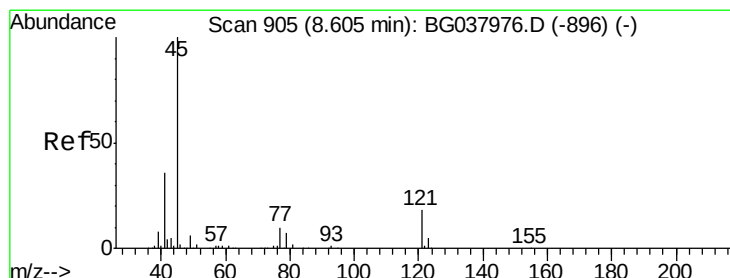
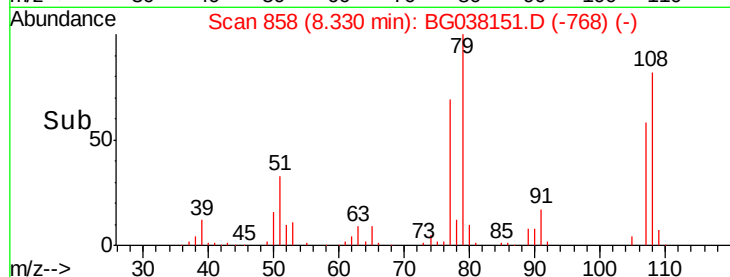
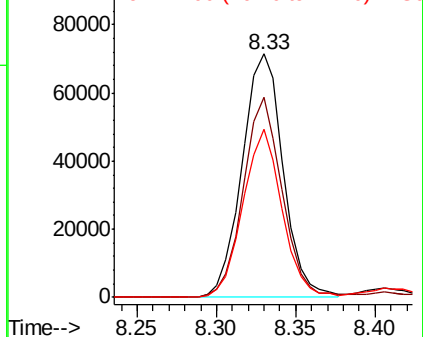
79 100

108 82.1 65.8 98.8

77 69.0 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: 48.311 ng

RT: 8.61 min Scan# 906

Delta R.T. 0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

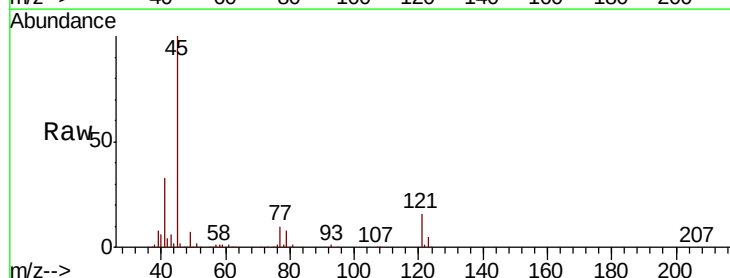
Tgt Ion: 45 Resp: 285392

Ion Ratio Lower Upper

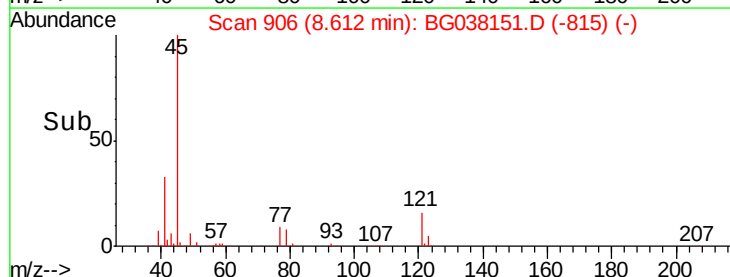
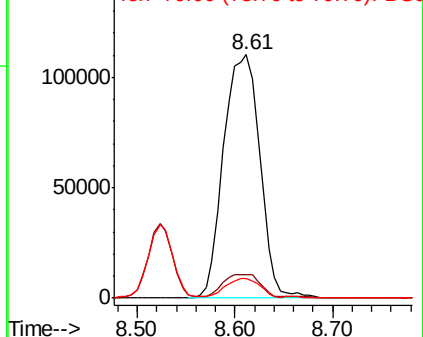
45 100

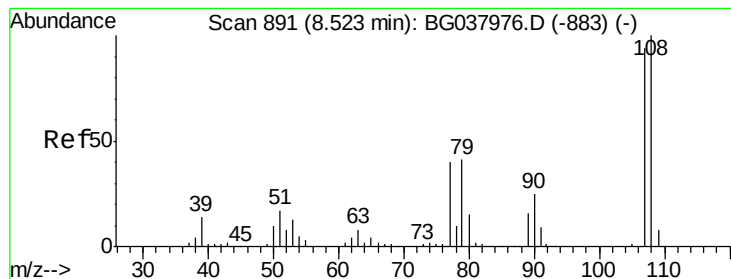
77 9.6 0.0 30.0

79 8.3 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: 48.894 ng

RT: 8.52 min Scan# 891

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

Tgt Ion:107 Resp: 128814

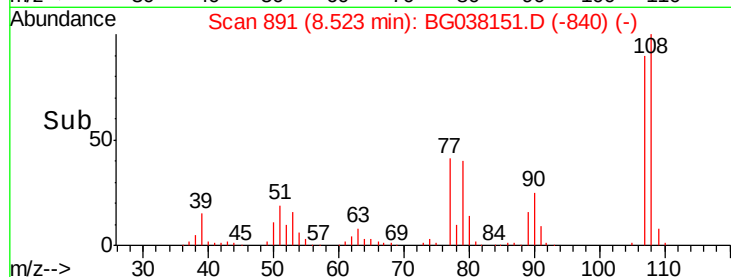
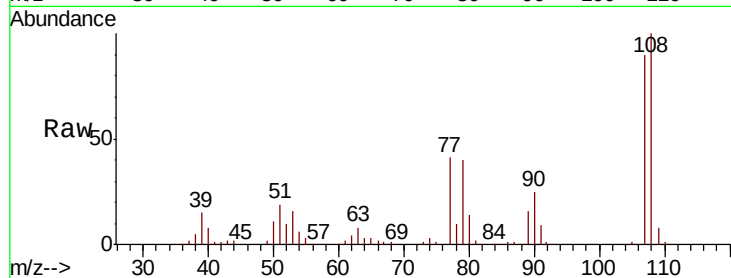
Ion Ratio Lower Upper

107 100

108 111.4 87.9 131.9

77 45.3 35.1 52.7

79 44.1 34.5 51.7

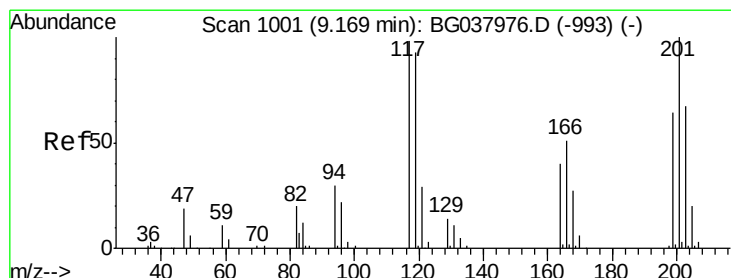
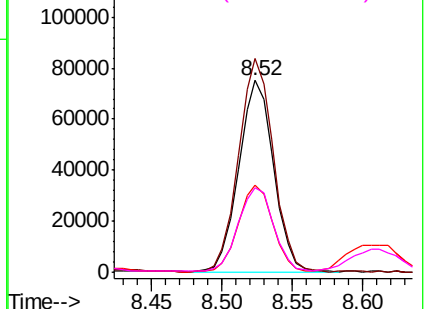


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.225 ng

RT: 9.17 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

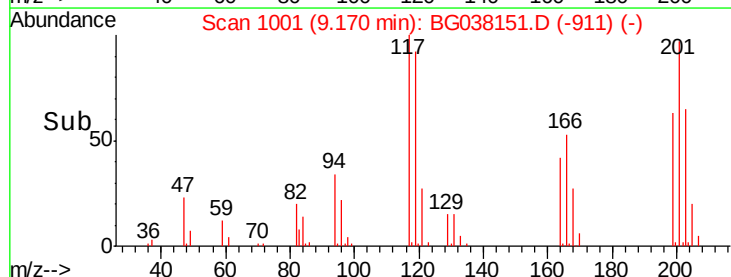
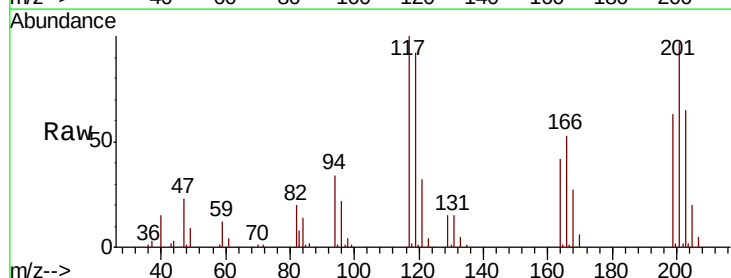
Tgt Ion:117 Resp: 54747

Ion Ratio Lower Upper

117 100

119 92.3 74.6 111.8

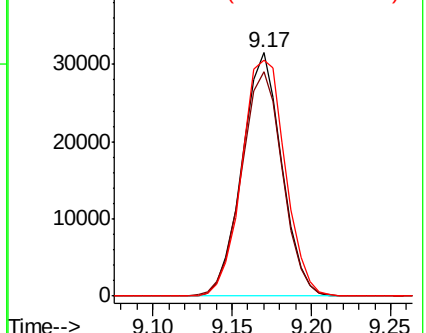
201 96.8 80.8 121.2

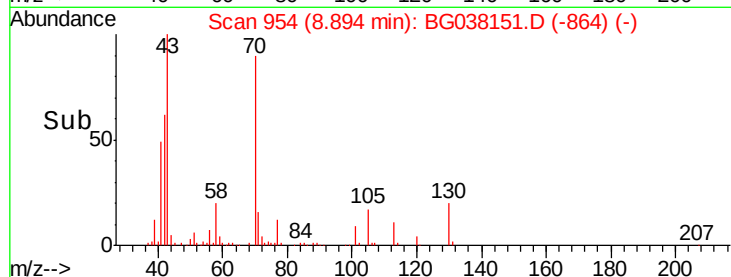
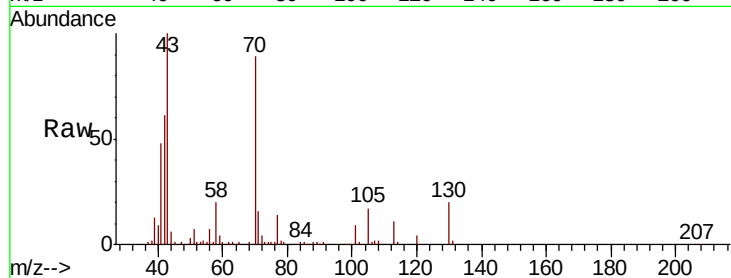
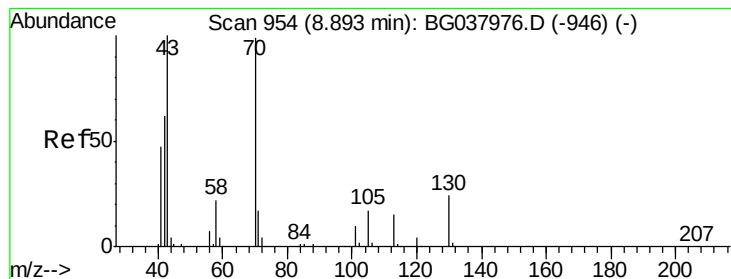


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.284 ng

RT: 8.89 min Scan# 954

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

Tgt Ion: 70 Resp: 112562

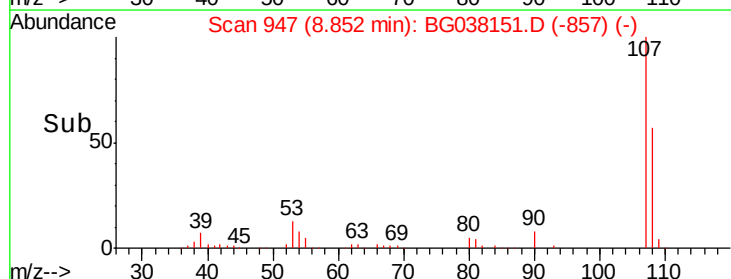
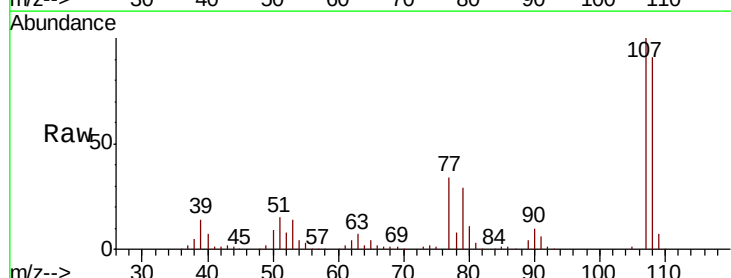
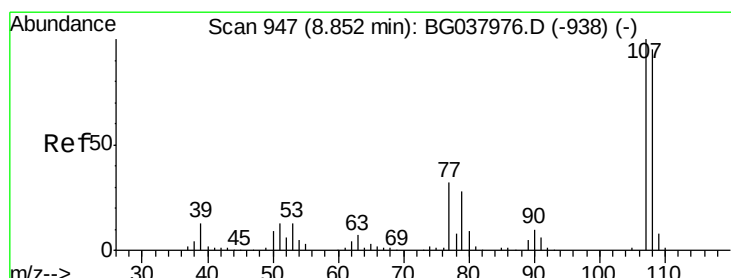
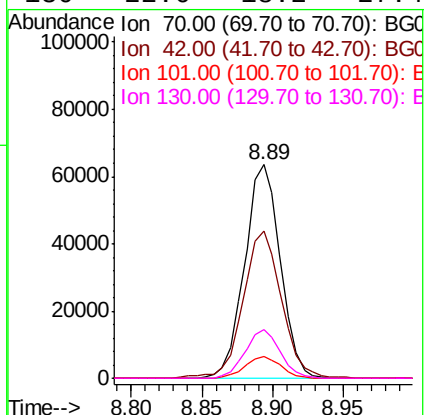
Ion Ratio Lower Upper

70 100

42 68.9 53.9 80.9

101 10.3 8.2 12.2

130 22.6 18.2 27.4



#20

3+4-Methylphenols

Concen: 47.591 ng

RT: 8.85 min Scan# 947

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Tgt Ion: 107 Resp: 177743

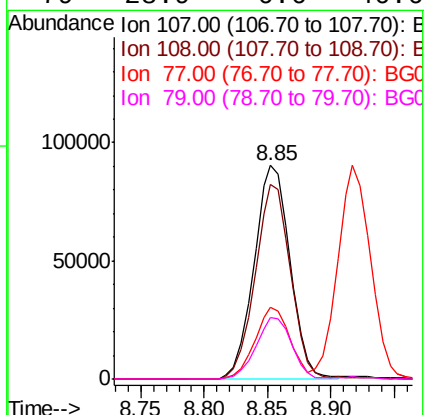
Ion Ratio Lower Upper

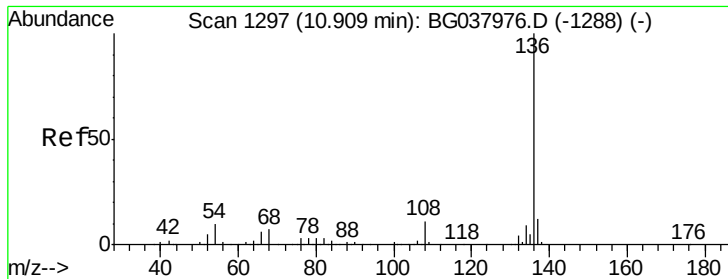
107 100

108 91.0 69.9 109.9

77 33.7 11.2 51.2

79 28.9 6.6 46.6

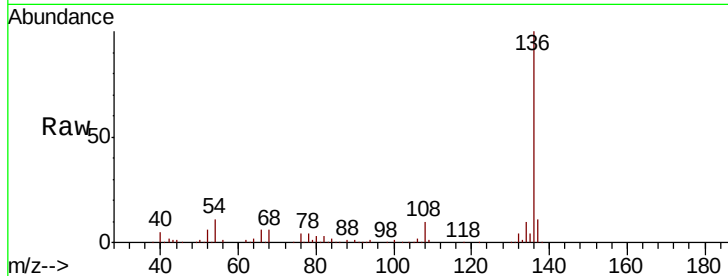




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG038151.D
Acq: 27 Nov 2018 1:20

Instrument :
BNA_G
ClientSampleId :
PB115042BS

Tgt Ion:	136	Resp:	196110
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	11.2	7.9	11.9
68	6.4	4.8	7.2



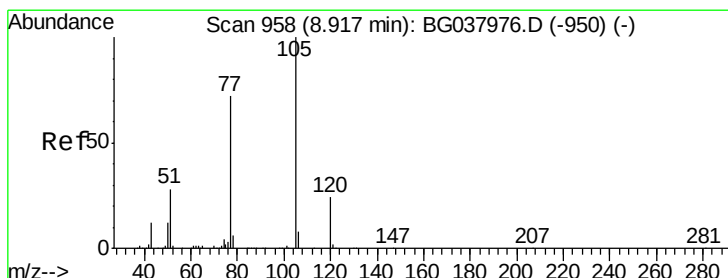
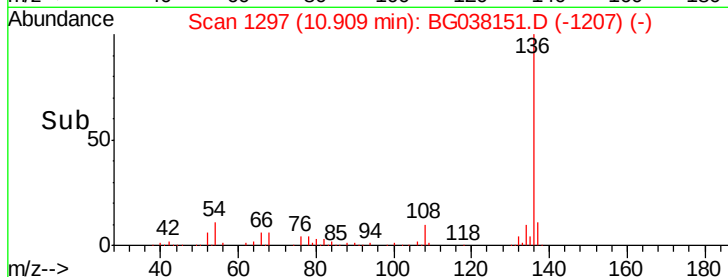
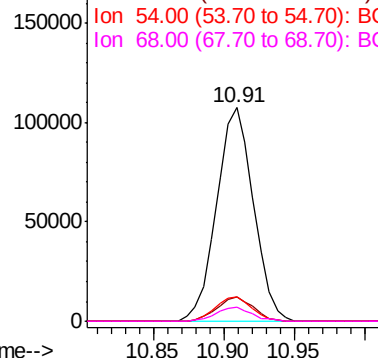
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

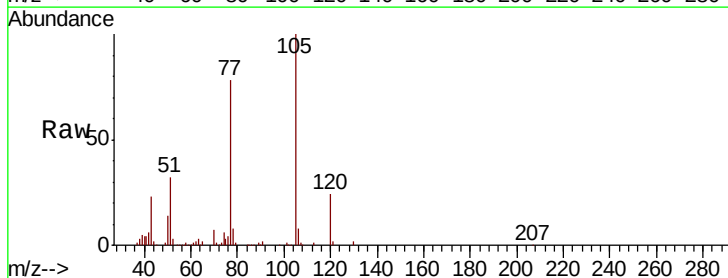
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 43.072 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG038151.D
Acq: 27 Nov 2018 1:20

Tgt Ion:	105	Resp:	210163
Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.2	1.8#
51	32.3	25.0	37.6
120	23.6	18.6	28.0



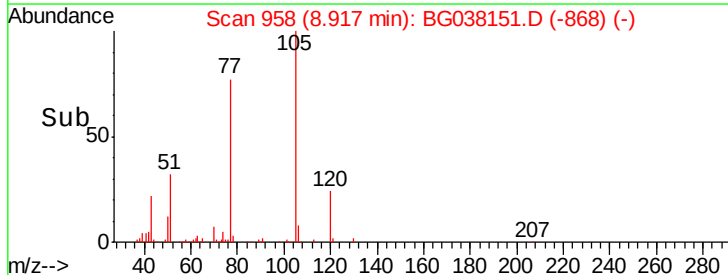
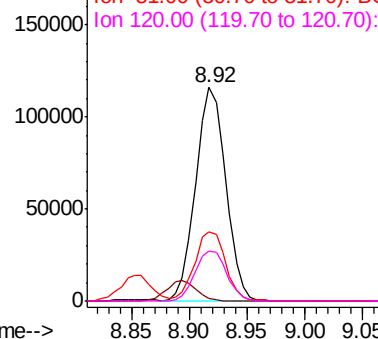
Abundance

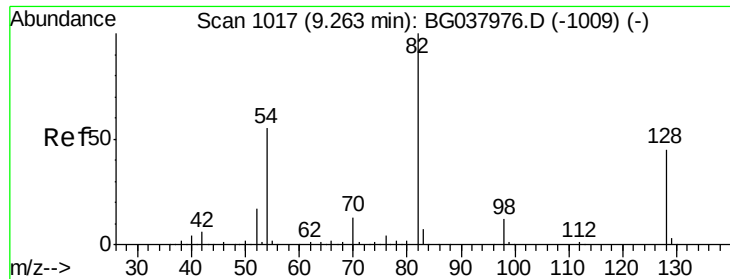
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

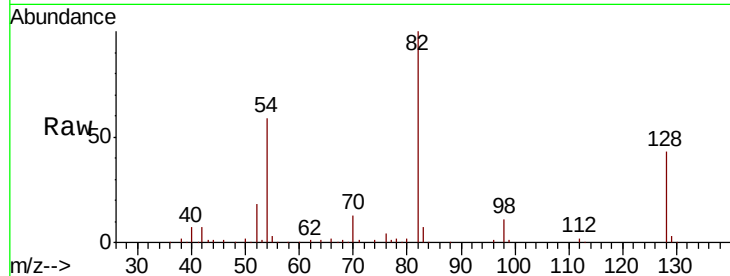




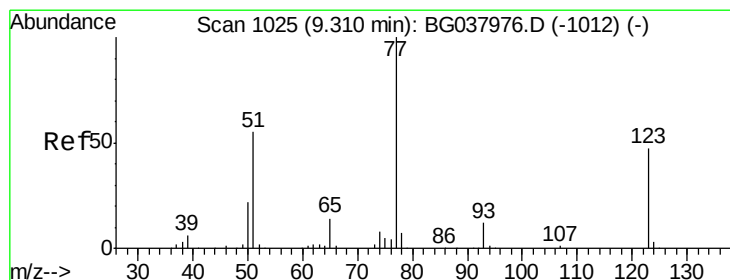
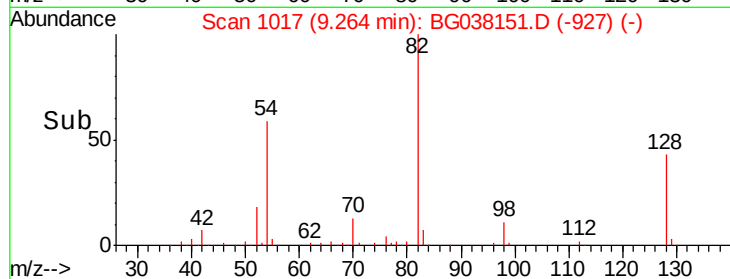
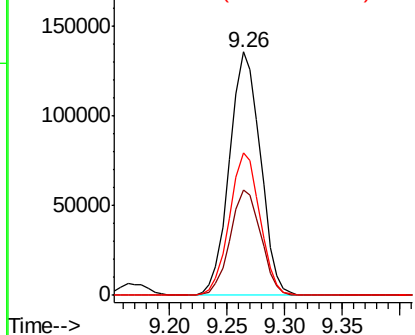
#23
 Nitrobenzene-d5
 Concen: 68.878 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115042BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	51.8
54	58.6	45.3	67.9

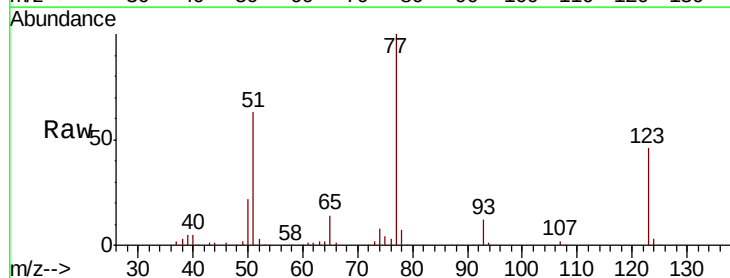


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

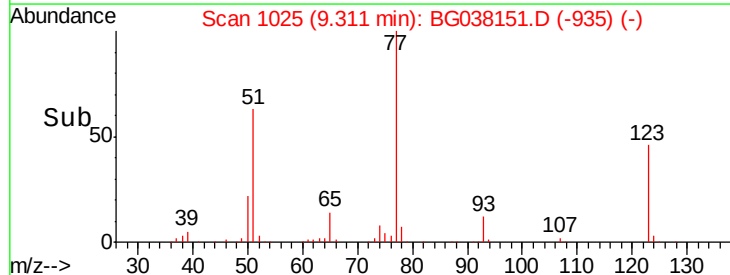
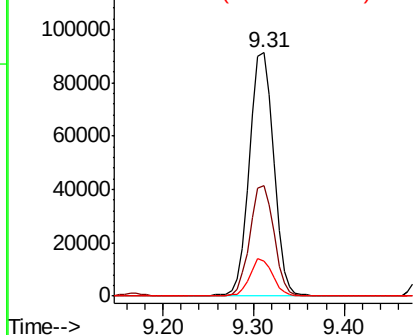


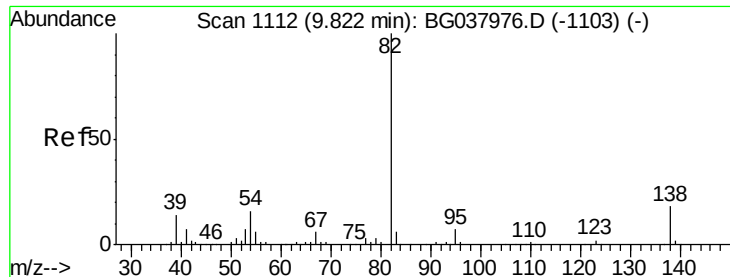
#24
 Nitrobenzene
 Concen: 45.542 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	33.6	50.4
65	14.5	11.3	16.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

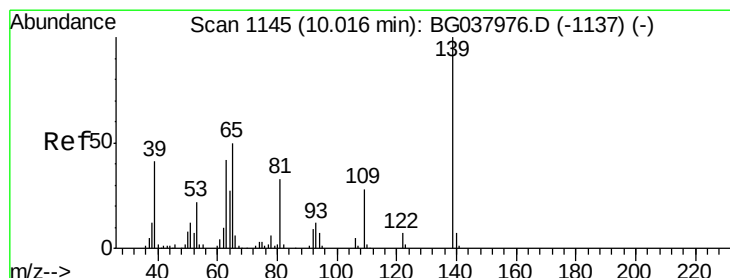
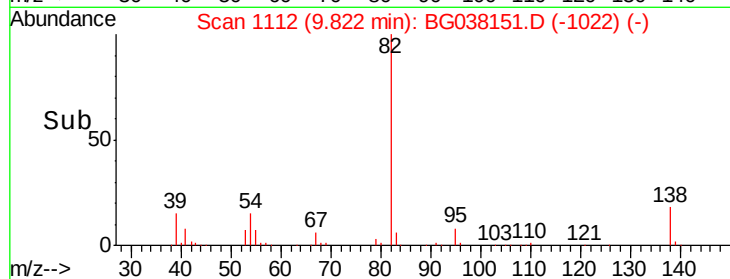
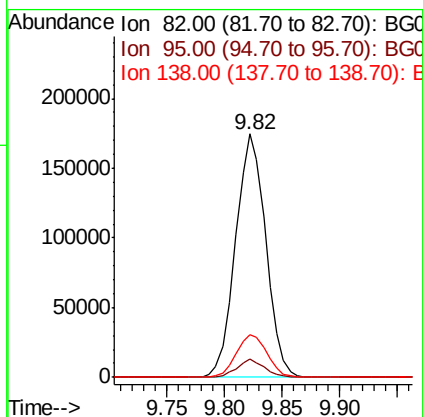
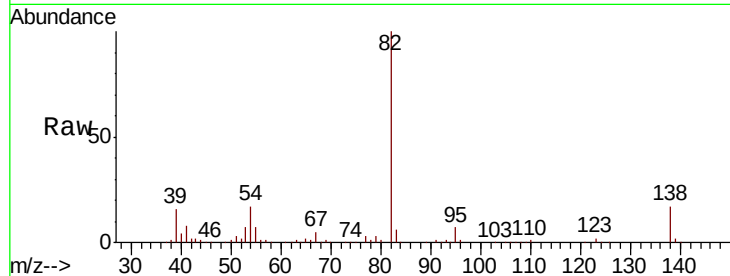




#25
Isophorone
Concen: 48.028 ng
RT: 9.82 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BG038151.D
Acq: 27 Nov 2018 1:20

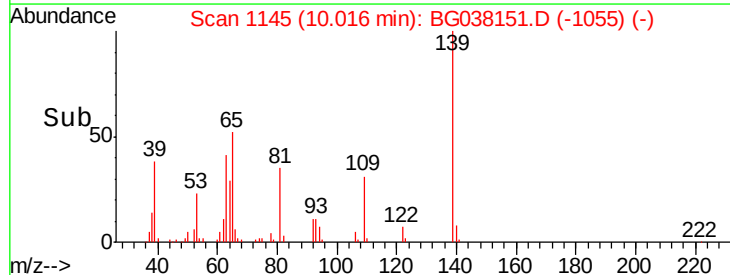
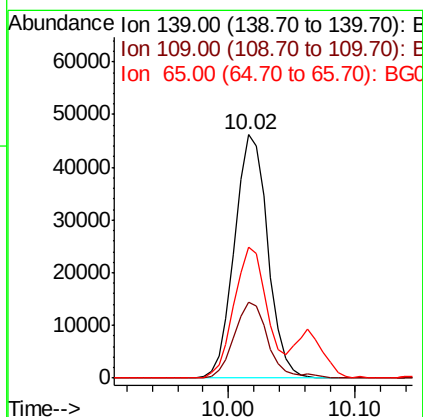
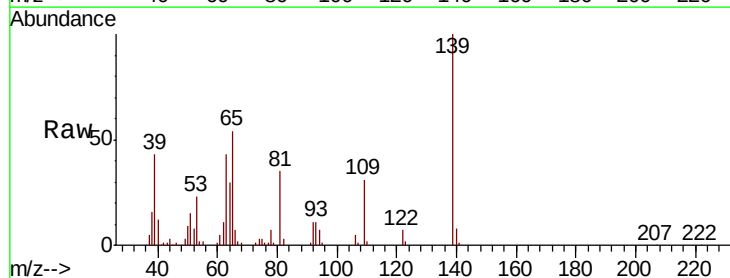
Instrument :
BNA_G
ClientSampleId :
PB115042BS

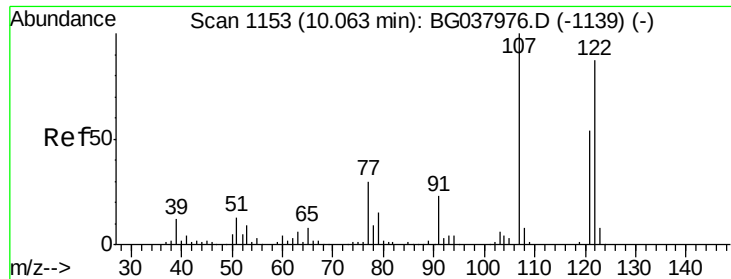
Tgt Ion: 82 Resp: 316699
Ion Ratio Lower Upper
82 100
95 7.5 5.3 7.9
138 17.3 13.3 19.9



#26
2-Nitrophenol
Concen: 44.773 ng
RT: 10.02 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BG038151.D
Acq: 27 Nov 2018 1:20

Tgt Ion: 139 Resp: 83767
Ion Ratio Lower Upper
139 100
109 30.9 23.3 34.9
65 53.6 39.8 59.8

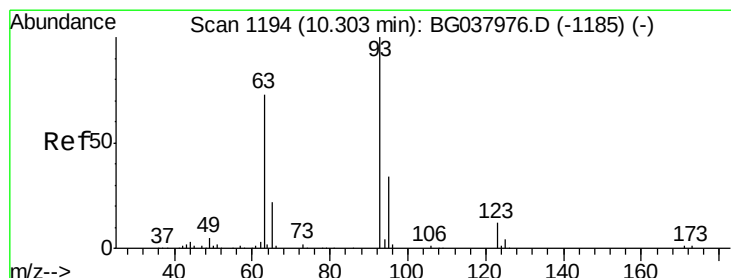
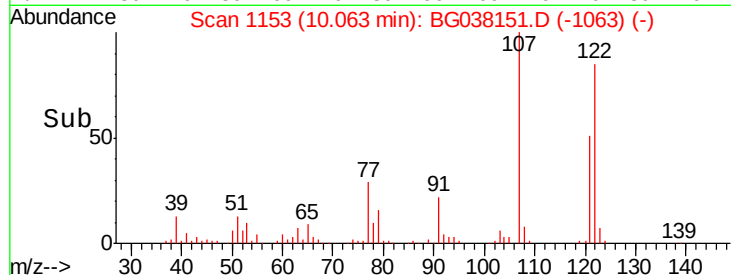
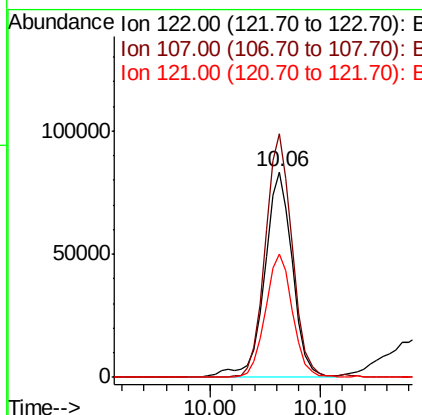
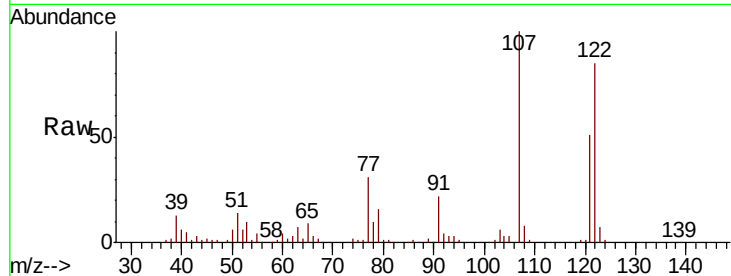




#27
 2,4-Dimethylphenol
 Concen: 52.412 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

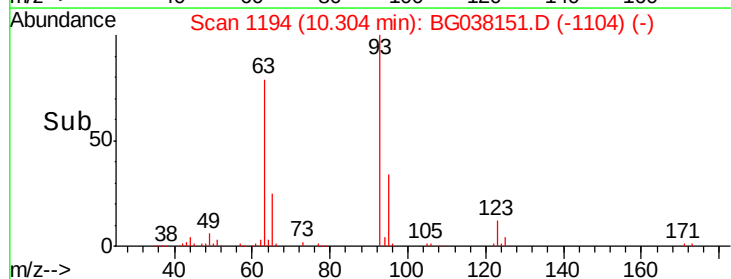
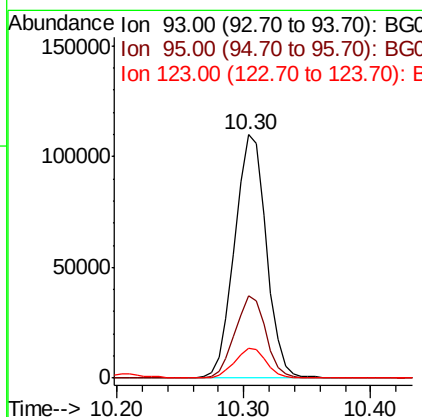
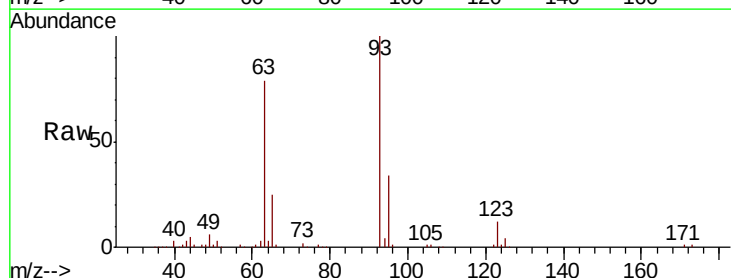
Instrument :
 BNA_G
 ClientSampleId :
 PB115042BS

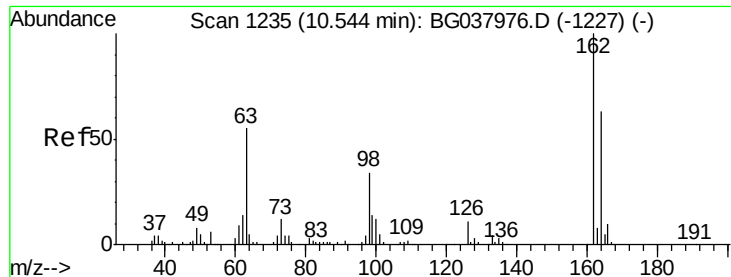
Tgt Ion:122 Resp: 147743
 Ion Ratio Lower Upper
 122 100
 107 118.3 94.2 141.2
 121 59.9 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.018 ng
 RT: 10.30 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

Tgt Ion: 93 Resp: 189819
 Ion Ratio Lower Upper
 93 100
 95 34.0 24.6 37.0
 123 12.4 9.1 13.7

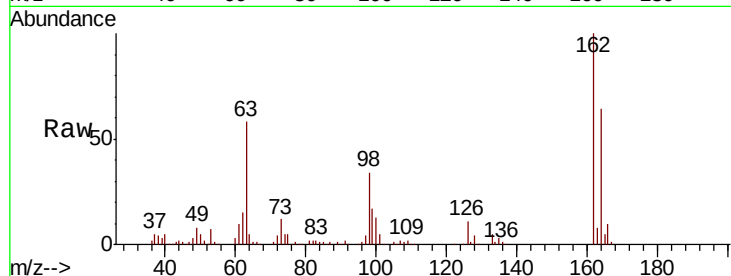




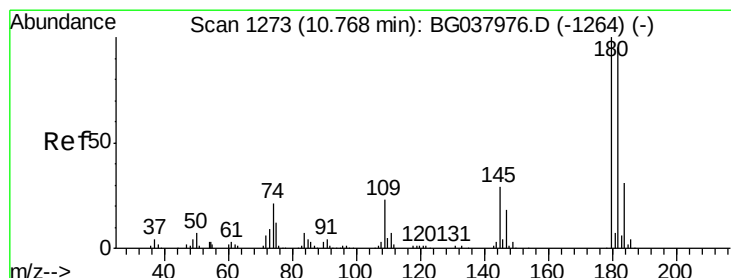
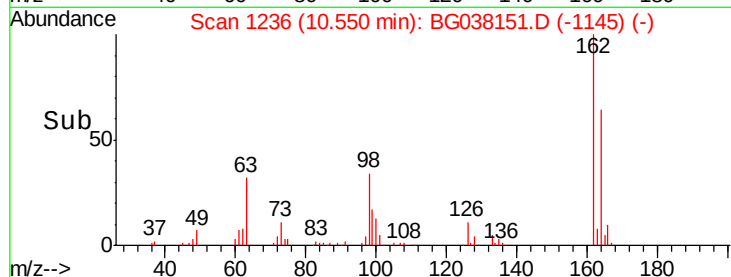
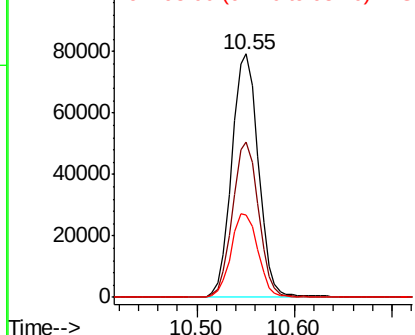
#29
 2,4-Dichlorophenol
 Concen: 47.497 ng
 RT: 10.55 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115042BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.2	83.2
98	33.7	16.0	56.0

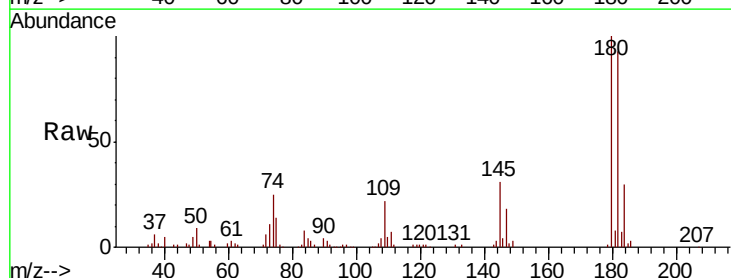


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

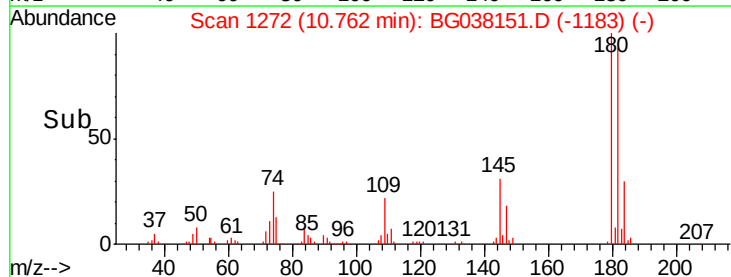
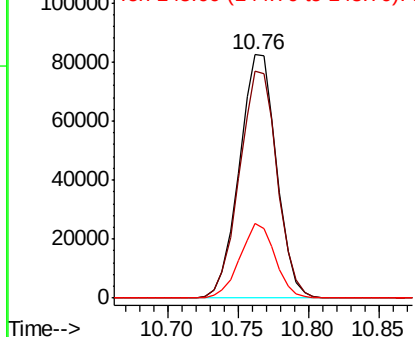


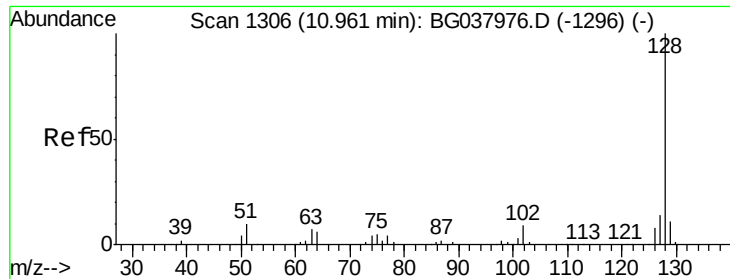
#30
 1,2,4-Trichlorobenzene
 Concen: 42.764 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.7	116.5
145	30.6	23.3	34.9



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

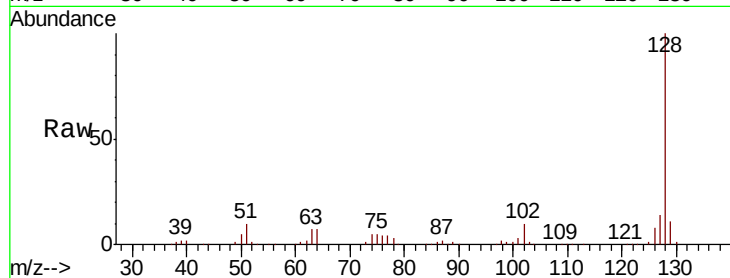




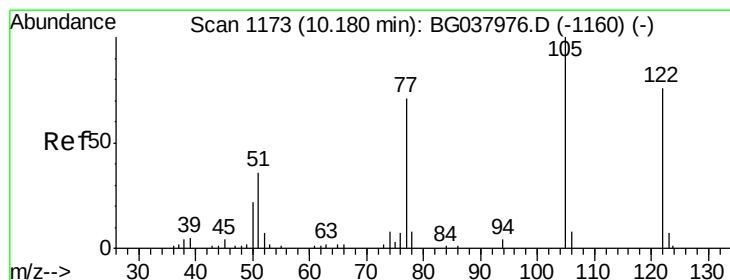
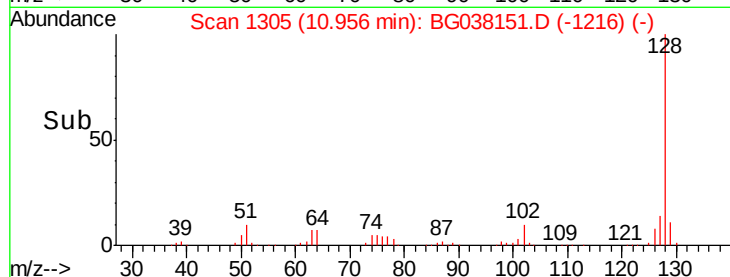
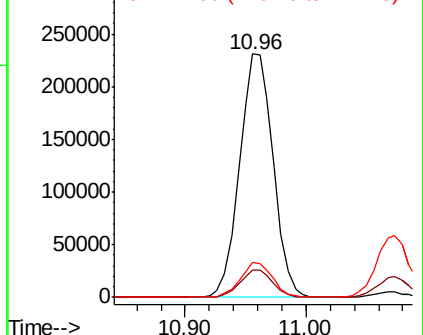
#31
Naphthalene
Concen: 46.199 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038151.D
Acq: 27 Nov 2018 1:20

Instrument :
BNA_G
ClientSampleId :
PB115042BS

Tgt Ion:128 Resp: 445617
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 14.1 11.1 16.7

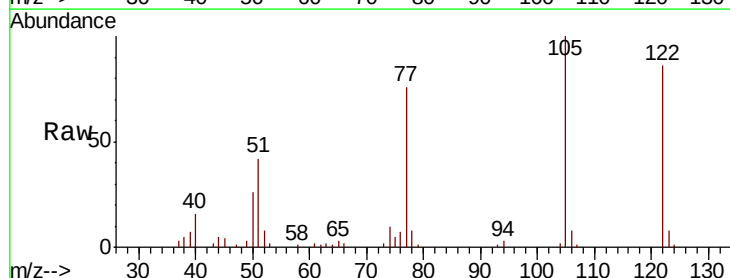


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

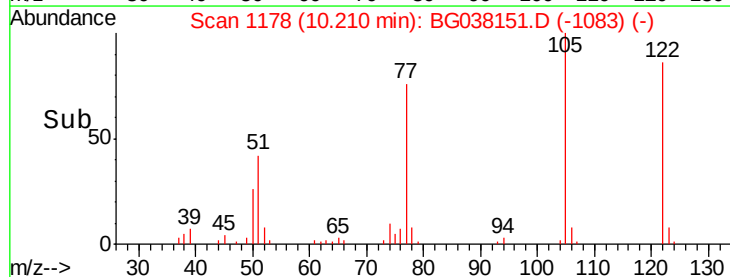
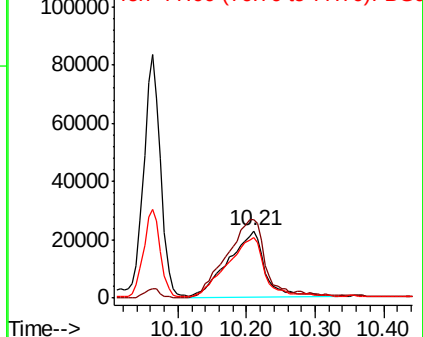


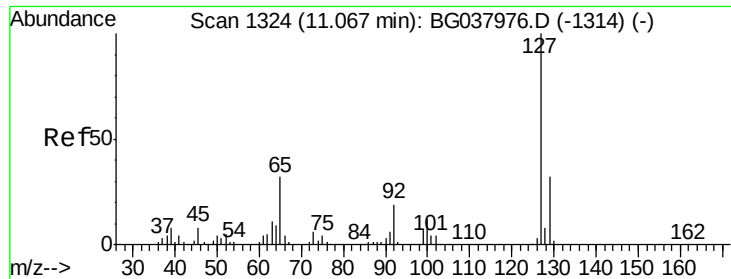
#32
Benzoic acid
Concen: 46.722 ng
RT: 10.21 min Scan# 1178
Delta R.T. 0.03 min
Lab File: BG038151.D
Acq: 27 Nov 2018 1:20

Tgt Ion:122 Resp: 84002
Ion Ratio Lower Upper
122 100
105 116.8 106.7 146.7
77 89.2 72.2 112.2



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

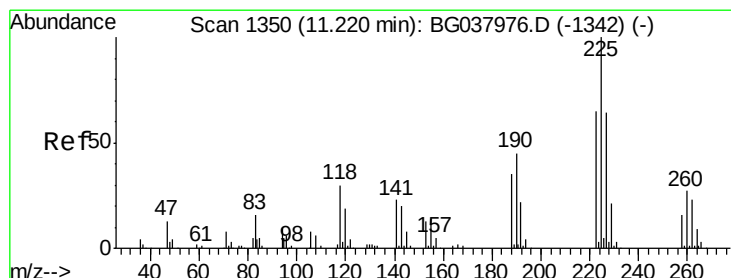
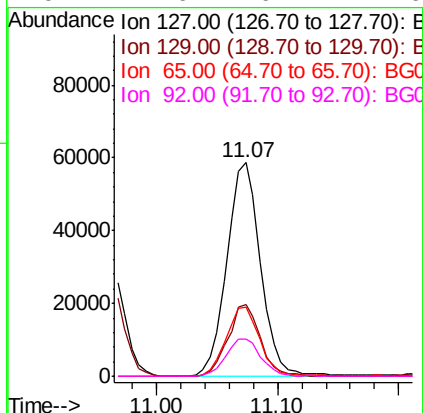
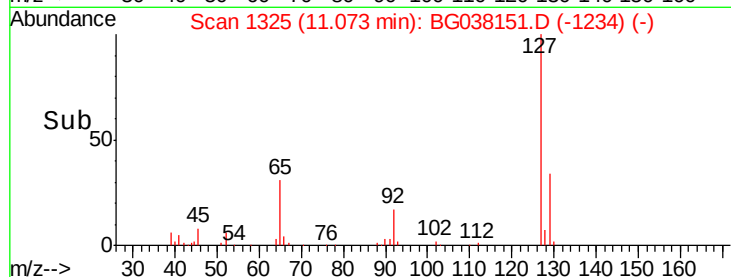
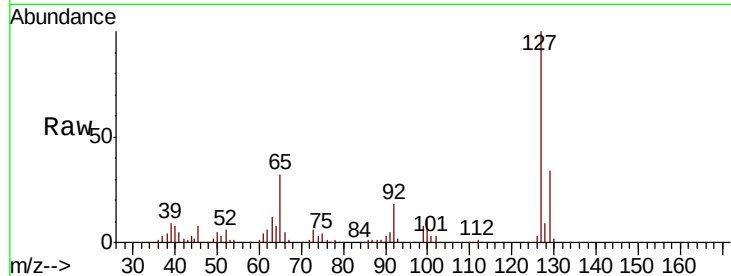




#33
4-Chloroaniline
Concen: 25.318 ng
RT: 11.07 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG038151.D
Acq: 27 Nov 2018 1:20

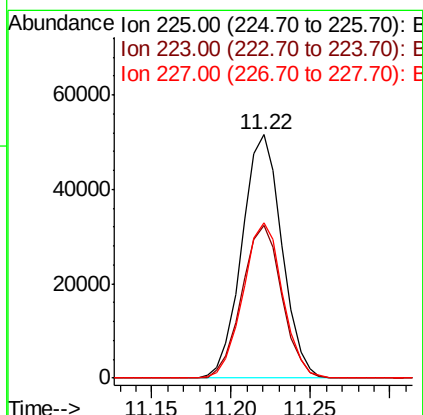
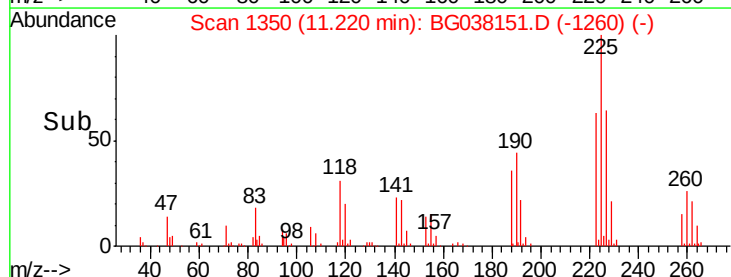
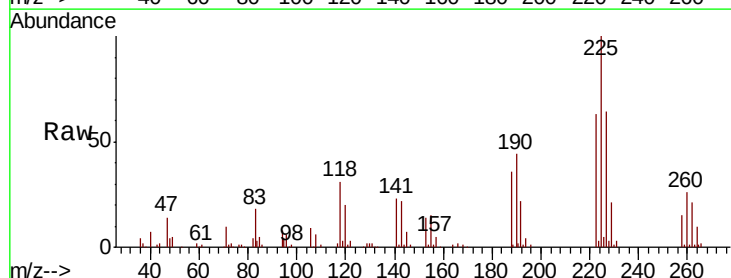
Instrument :
BNA_G
ClientSampleId :
PB115042BS

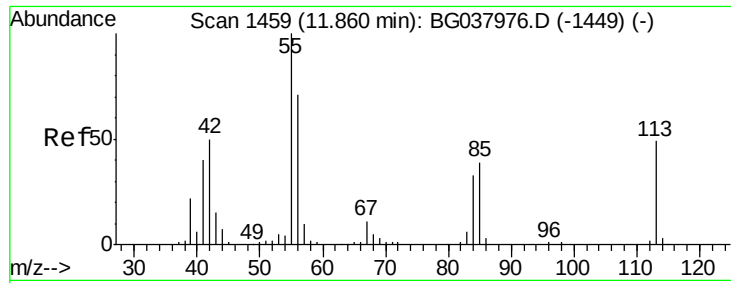
Tgt Ion:	127	Resp:	113596
Ion	Ratio	Lower	Upper
127	100		
129	33.8	27.1	40.7
65	32.1	26.6	39.8
92	17.6	16.4	24.6



#34
Hexachlorobutadiene
Concen: 41.235 ng
RT: 11.22 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG038151.D
Acq: 27 Nov 2018 1:20

Tgt Ion:	225	Resp:	90169
Ion	Ratio	Lower	Upper
225	100		
223	66.0	48.2	72.4
227	66.6	51.6	77.4

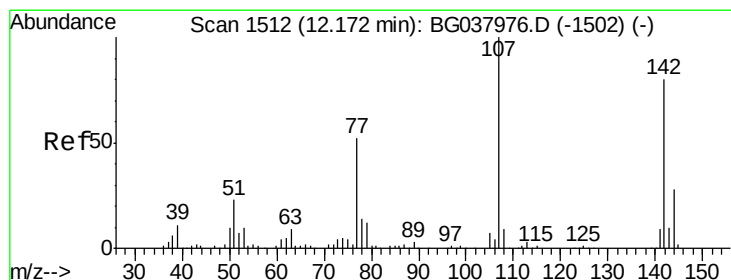
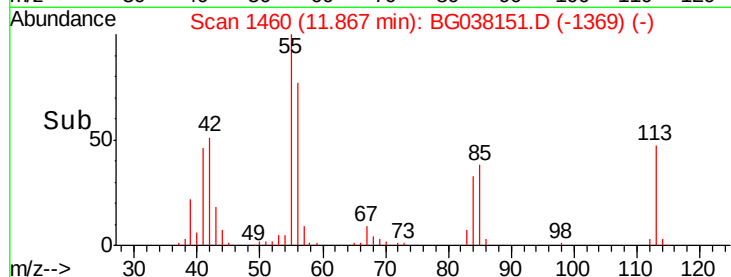
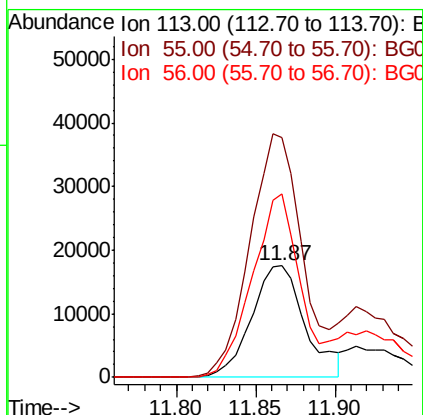
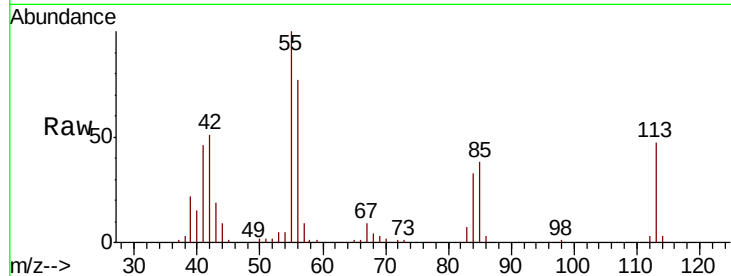




#35
 Caprolactam
 Concen: 32.406 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

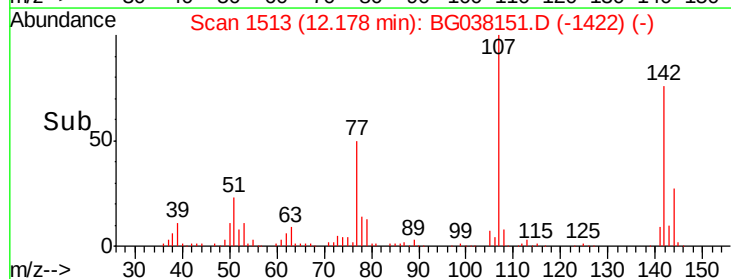
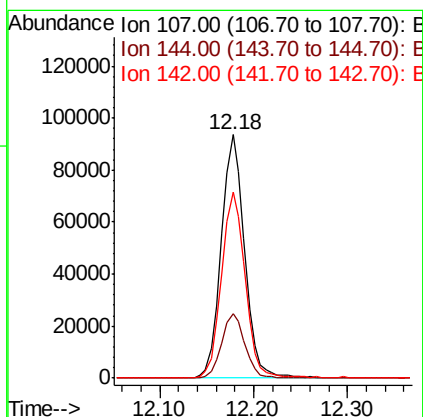
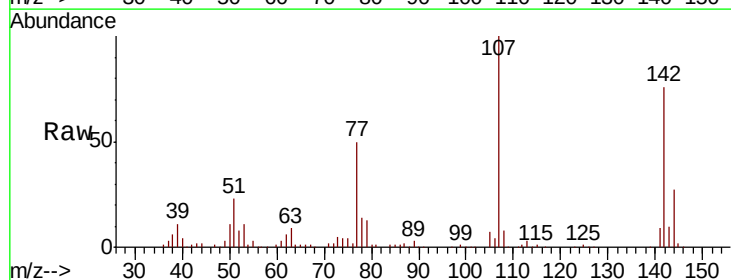
Instrument :
 BNA_G
 ClientSampleId :
 PB115042BS

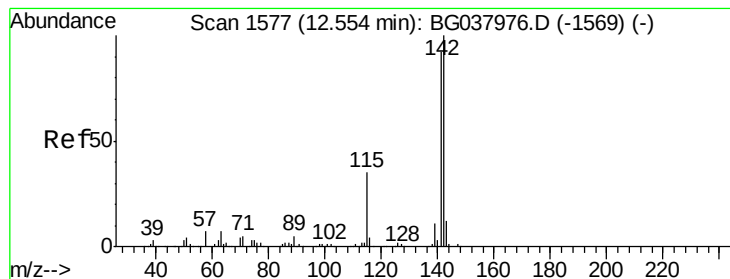
Tgt Ion:113 Resp: 41128
 Ion Ratio Lower Upper
 113 100
 55 214.6 176.6 216.6
 56 164.7 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 46.873 ng
 RT: 12.18 min Scan# 1513
 Delta R.T. 0.01 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

Tgt Ion:107 Resp: 162368
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.7 31.1
 142 76.3 64.4 96.6





#37

2-Methylnaphthalene

Concen: 47.077 ng

RT: 12.55 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

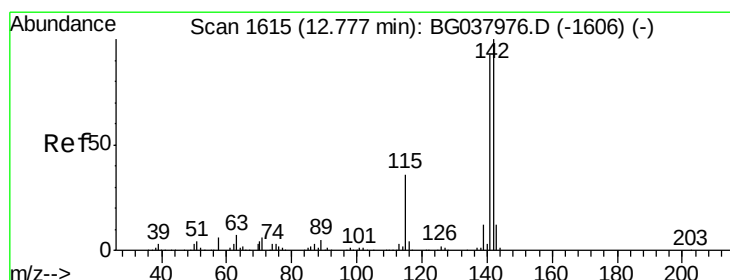
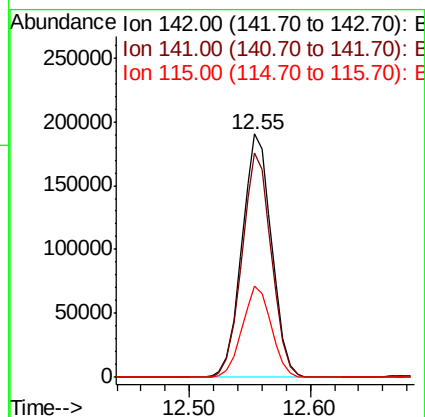
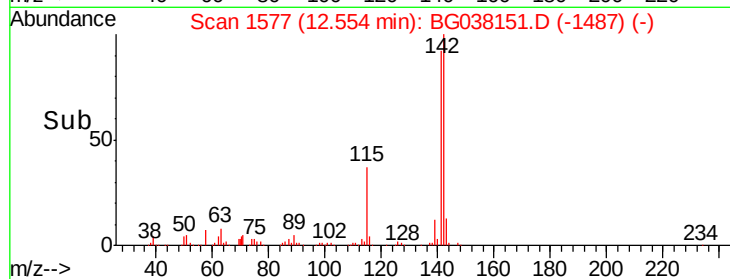
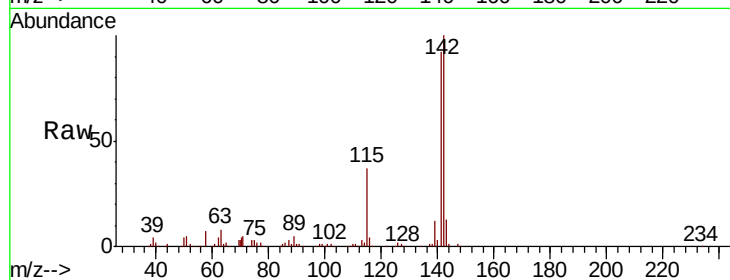
Tgt Ion:142 Resp: 326177

Ion Ratio Lower Upper

142 100

141 92.2 71.9 107.9

115 37.3 27.8 41.8



#38

1-Methylnaphthalene

Concen: 46.862 ng

RT: 12.78 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

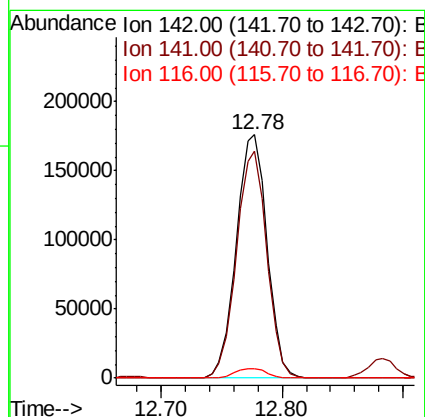
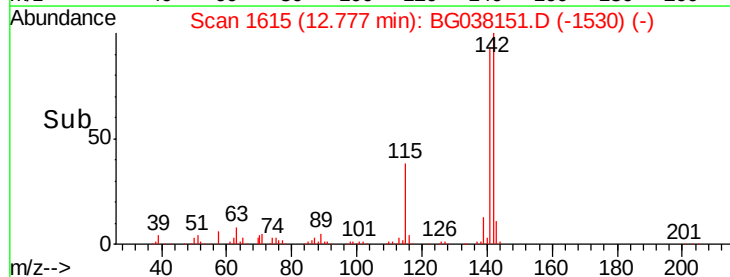
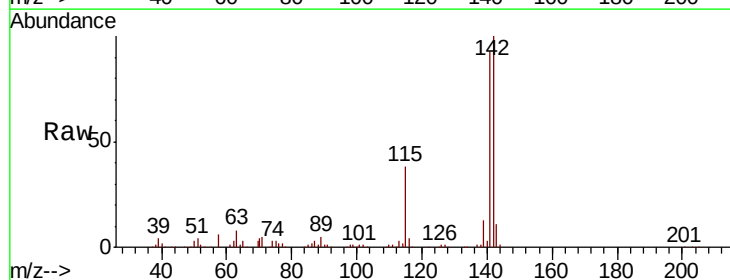
Tgt Ion:142 Resp: 312532

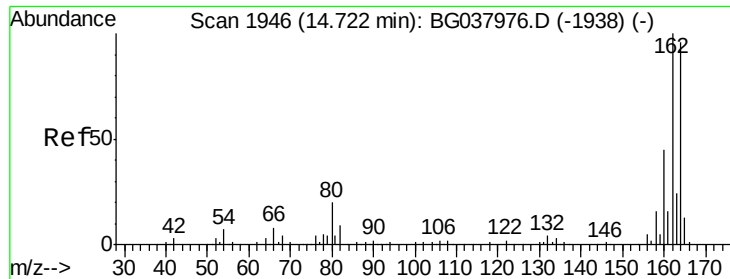
Ion Ratio Lower Upper

142 100

141 93.4 75.2 112.8

116 3.9 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

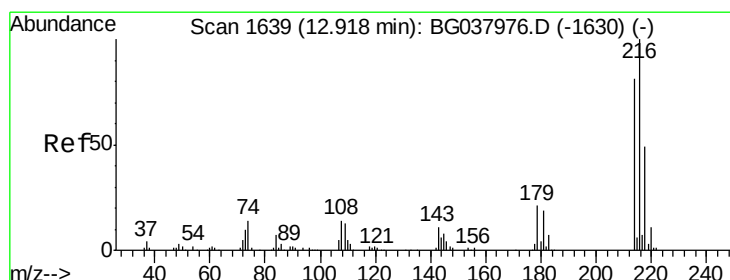
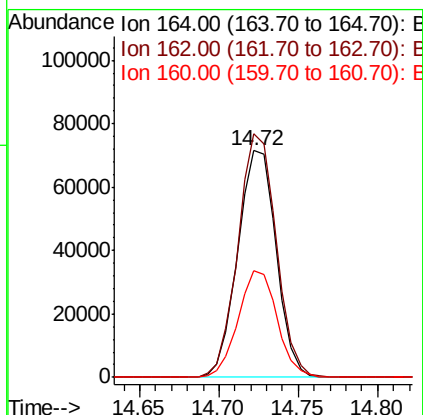
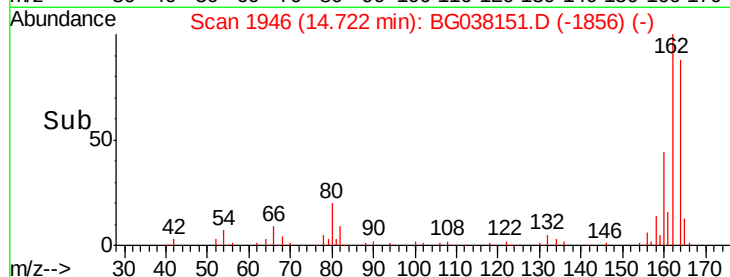
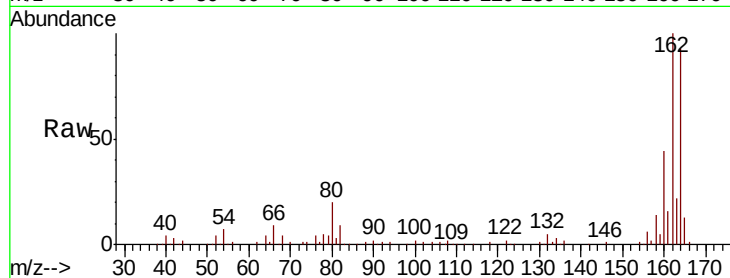
Tgt Ion:164 Resp: 120318

Ion Ratio Lower Upper

164 100

162 107.5 81.3 121.9

160 46.9 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.913 ng

RT: 12.92 min Scan# 1639

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Tgt Ion:216 Resp: 168513

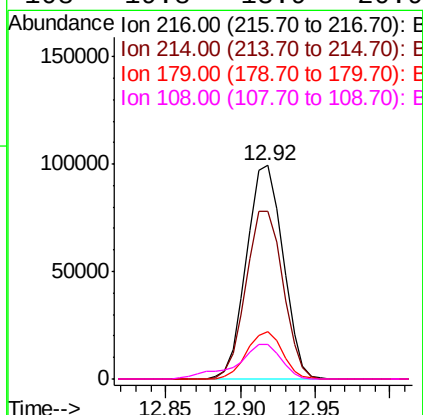
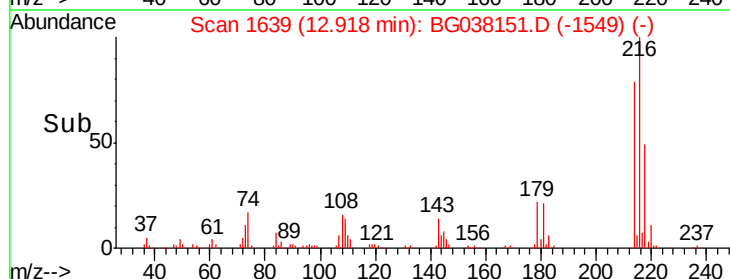
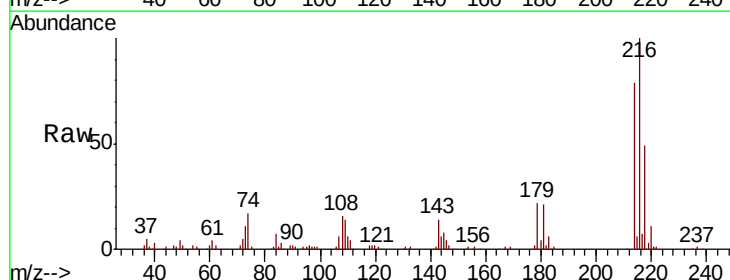
Ion Ratio Lower Upper

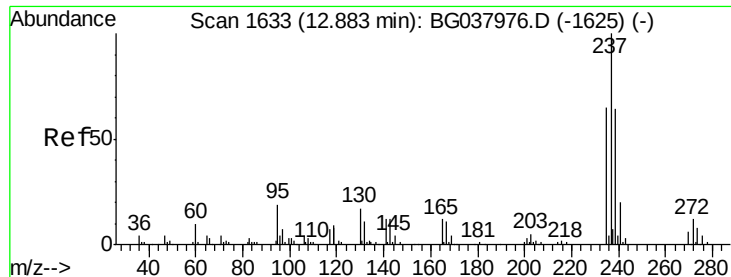
216 100

214 79.7 63.8 95.6

179 21.7 17.4 26.0

108 19.8 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 89.583 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

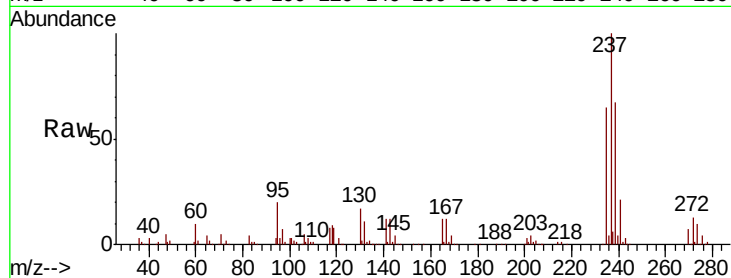
Tgt Ion: 237 Resp: 192861

Ion Ratio Lower Upper

237 100

235 64.7 42.5 82.5

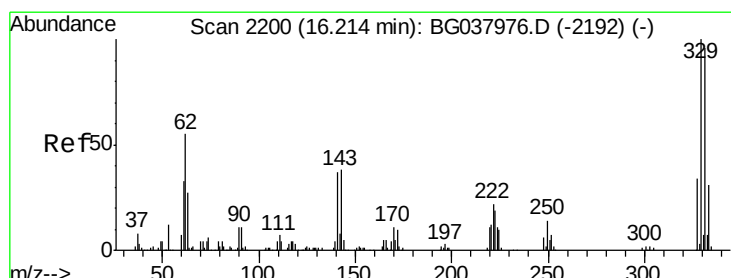
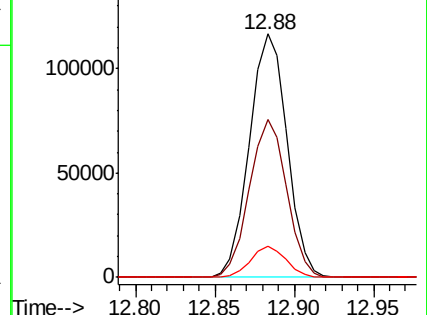
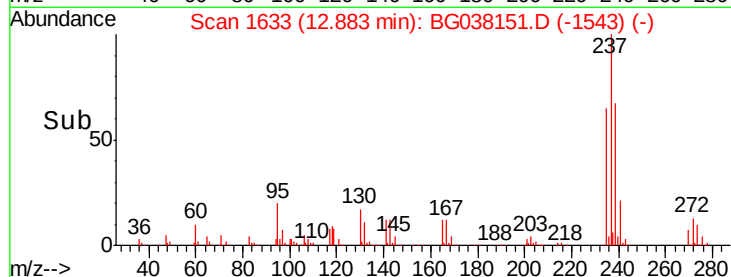
272 12.9 0.0 31.6



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: 137.012 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

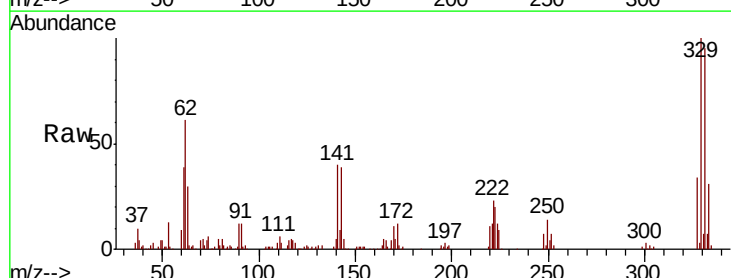
Tgt Ion: 330 Resp: 188007

Ion Ratio Lower Upper

330 100

332 96.8 78.4 117.6

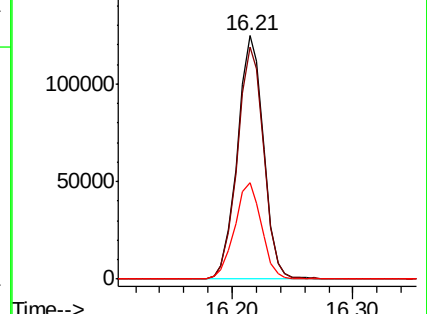
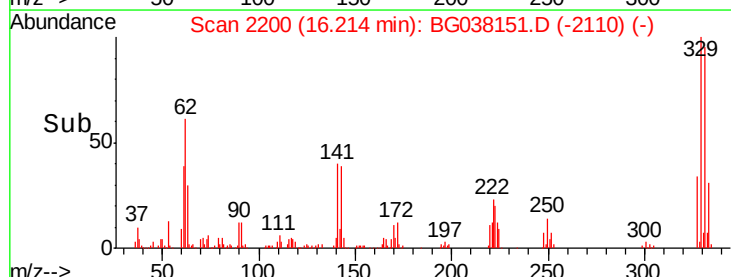
141 40.9 32.2 48.2

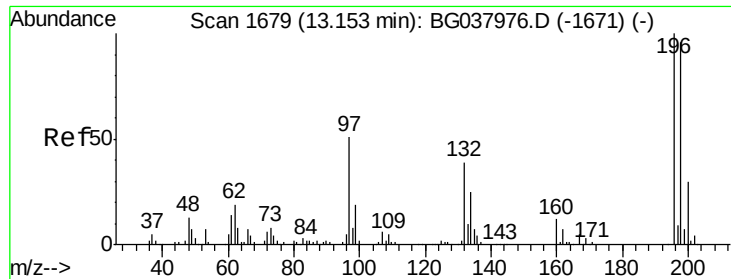


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

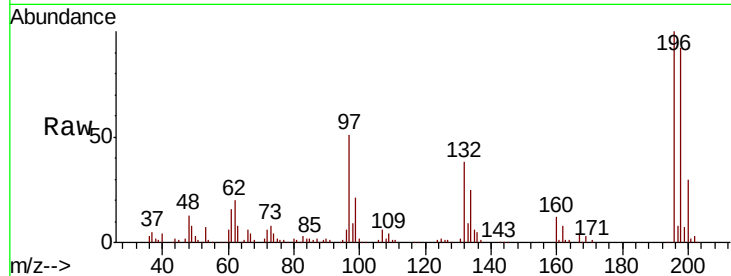




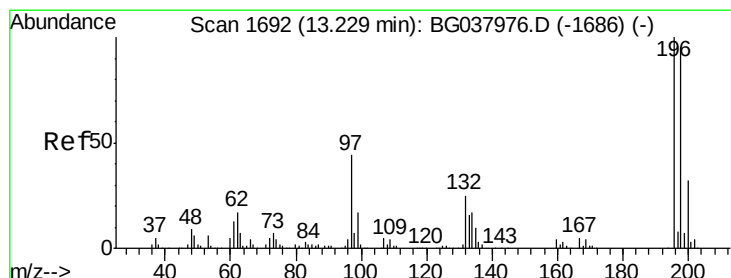
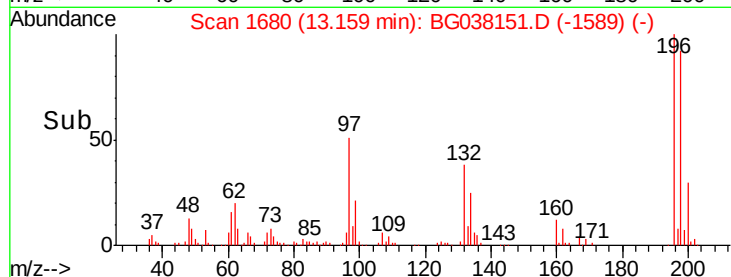
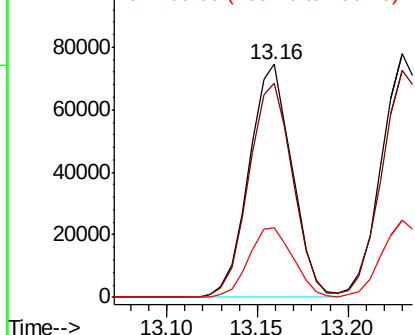
#43
 2,4,6-Trichlorophenol
 Concen: 44.842 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. 0.01 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115042BS

Tgt Ion:196 Resp: 122853
 Ion Ratio Lower Upper
 196 100
 198 92.1 76.4 114.6
 200 30.1 24.9 37.3



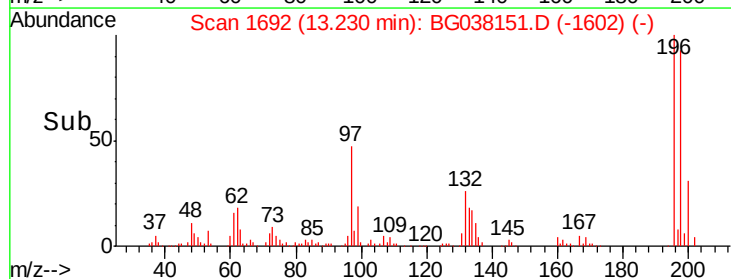
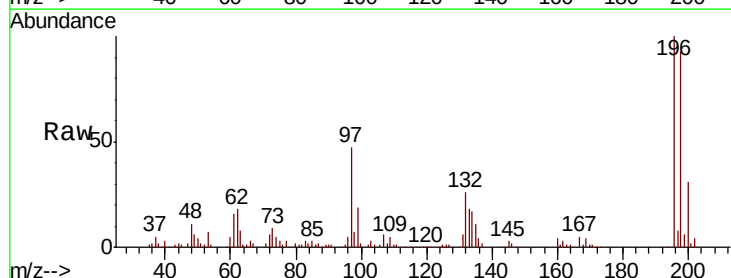
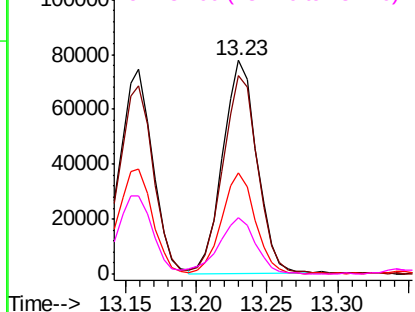
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

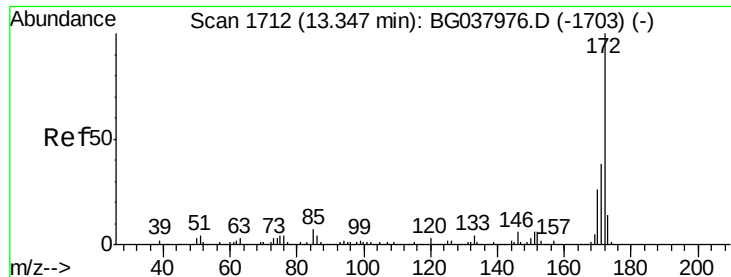


#44
 2,4,5-Trichlorophenol
 Concen: 45.173 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

Tgt Ion:196 Resp: 130219
 Ion Ratio Lower Upper
 196 100
 198 93.0 74.2 111.2
 97 47.4 34.1 51.1
 132 26.4 20.2 30.4

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

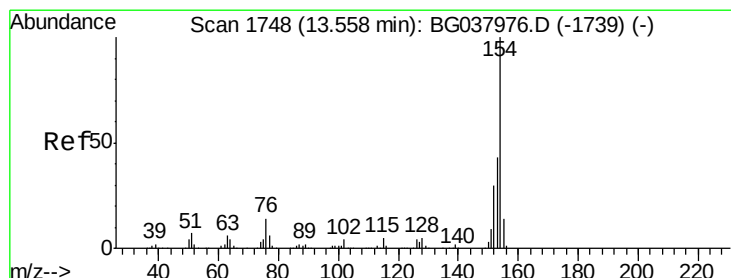
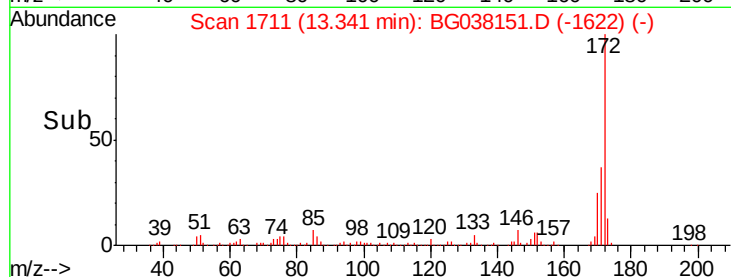
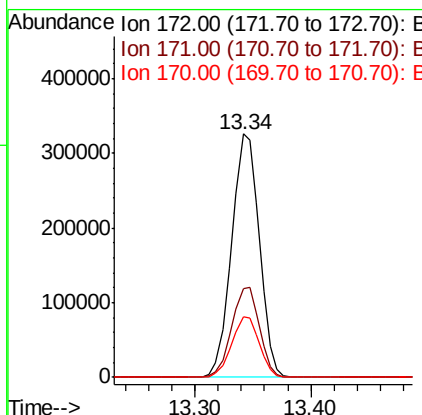
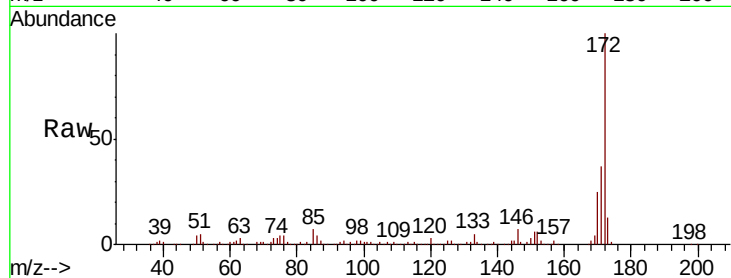




#45
 2-Fluorobiphenyl
 Concen: 65.265 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

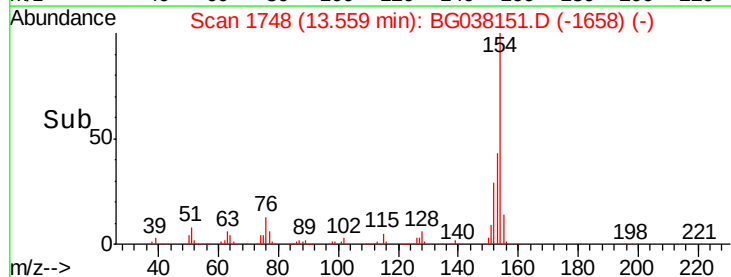
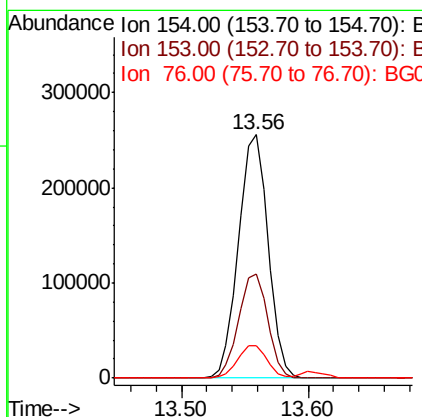
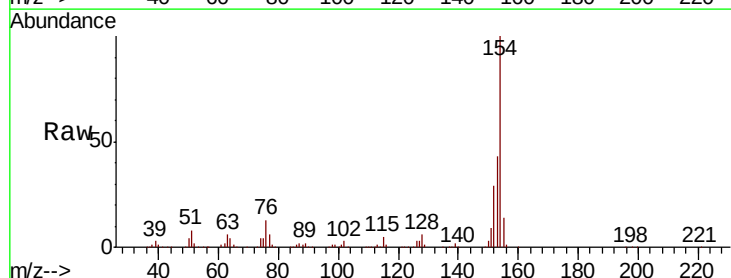
Instrument :
 BNA_G
 ClientSampleId :
 PB115042BS

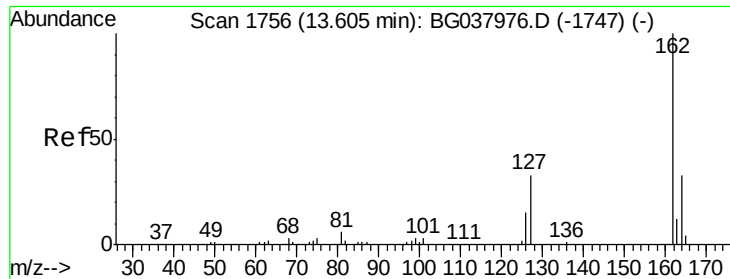
Tgt Ion:172 Resp: 539007
 Ion Ratio Lower Upper
 172 100
 171 36.7 31.0 46.4
 170 25.0 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 40.969 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

Tgt Ion:154 Resp: 414118
 Ion Ratio Lower Upper
 154 100
 153 43.0 22.1 62.1
 76 13.4 0.0 33.2

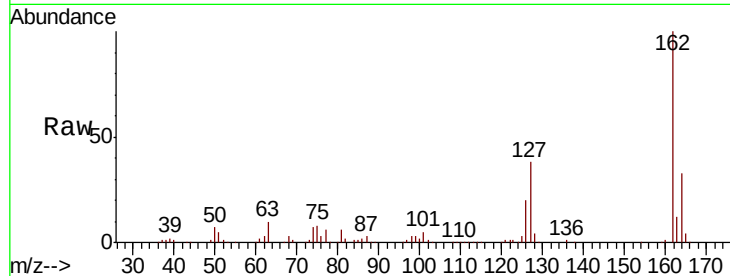




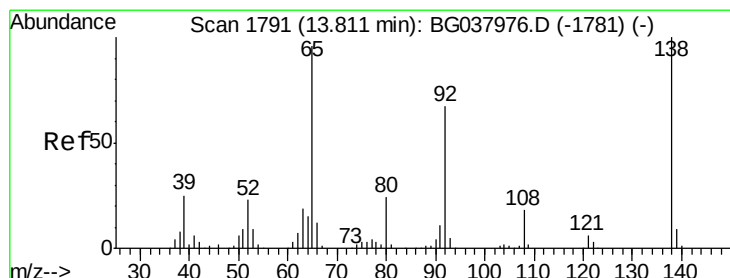
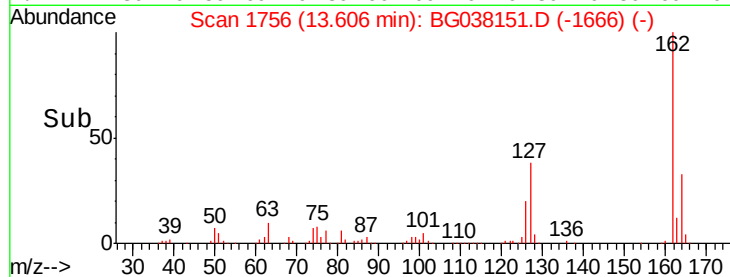
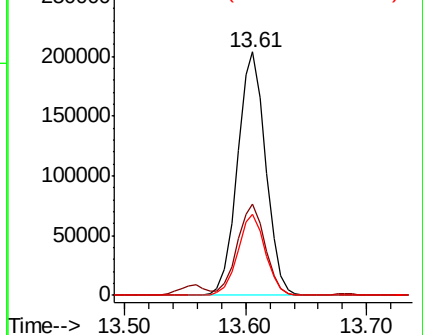
#47
 2-Chloronaphthalene
 Concen: 42.924 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115042BS

Tgt Ion: 162 Resp: 331085
 Ion Ratio Lower Upper
 162 100
 127 37.7 30.5 45.7
 164 33.3 26.4 39.6

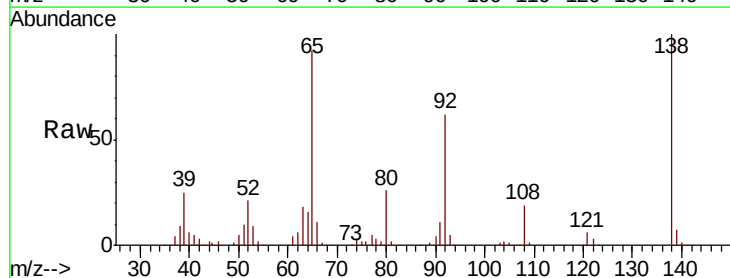


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

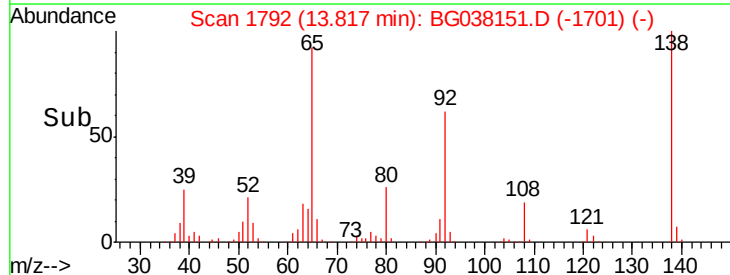
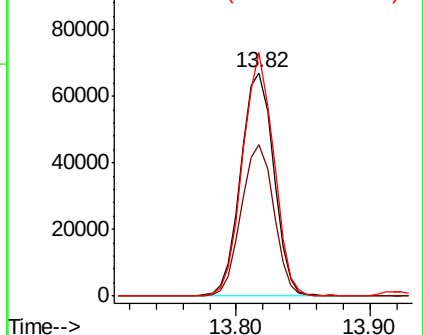


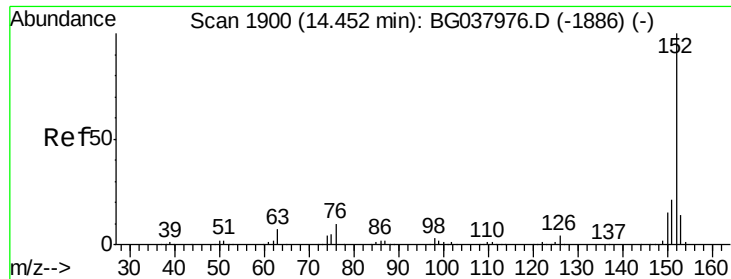
#48
 2-Nitroaniline
 Concen: 47.206 ng
 RT: 13.82 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

Tgt Ion: 65 Resp: 114596
 Ion Ratio Lower Upper
 65 100
 92 67.9 53.2 79.8
 138 109.0 79.3 118.9



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





#49

Acenaphthylene

Concen: 46.847 ng

RT: 14.45 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

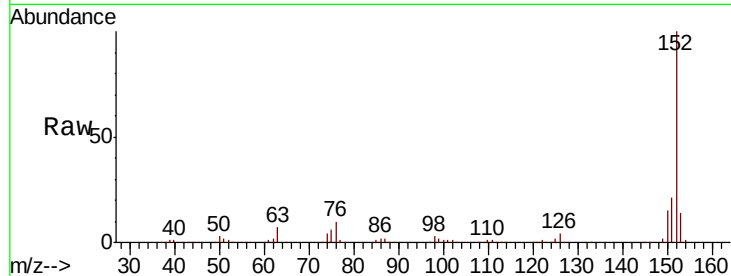
Tgt Ion:152 Resp: 543386

Ion Ratio Lower Upper

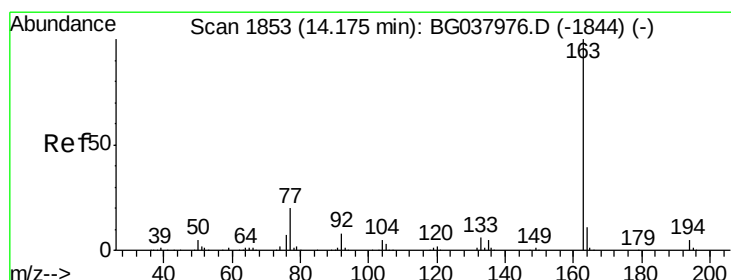
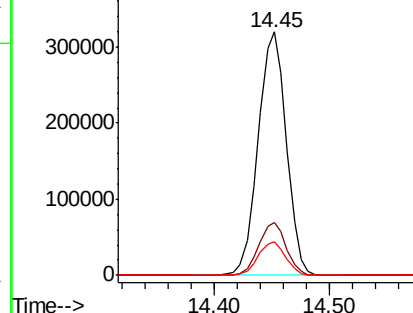
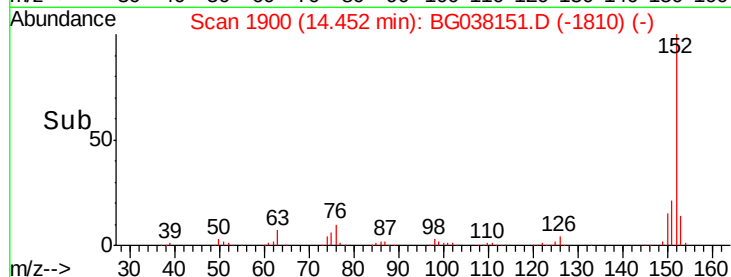
152 100

151 21.5 17.1 25.7

153 13.9 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.398 ng

RT: 14.18 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

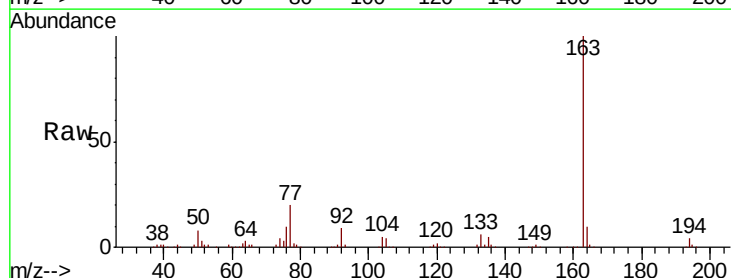
Tgt Ion:163 Resp: 423486

Ion Ratio Lower Upper

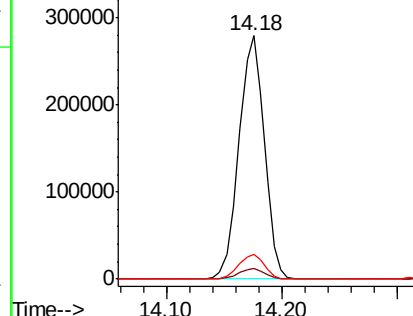
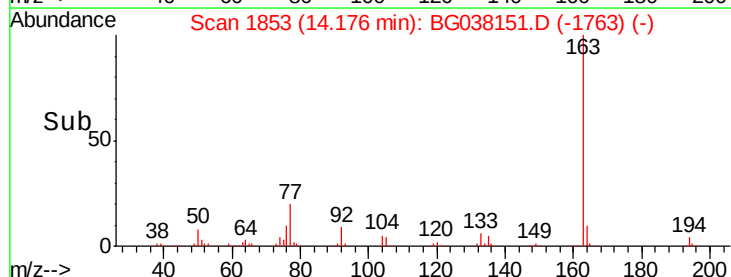
163 100

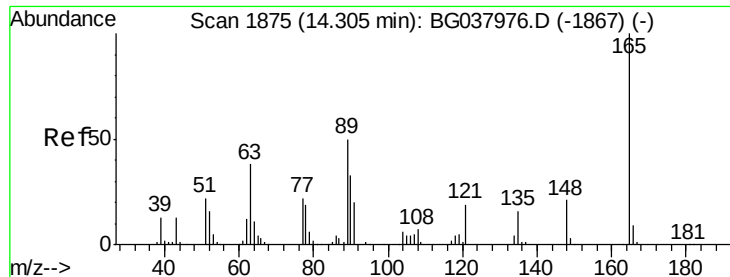
194 4.5 3.5 5.3

164 10.3 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

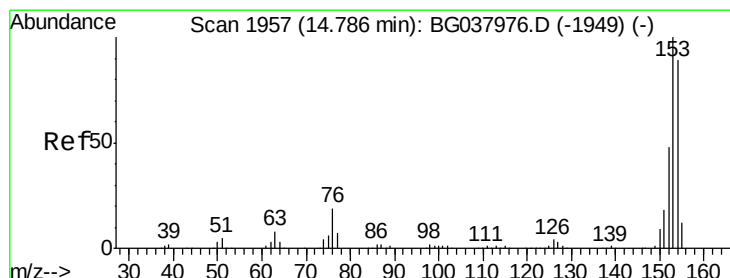
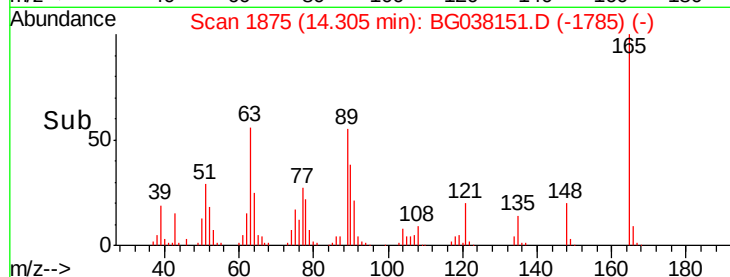
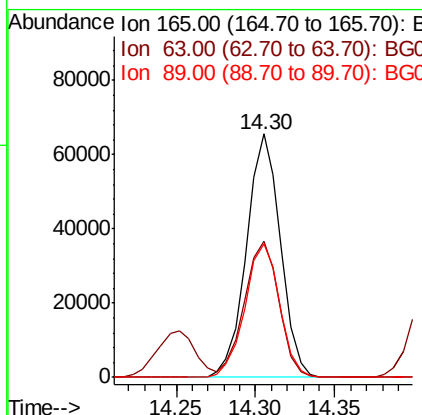
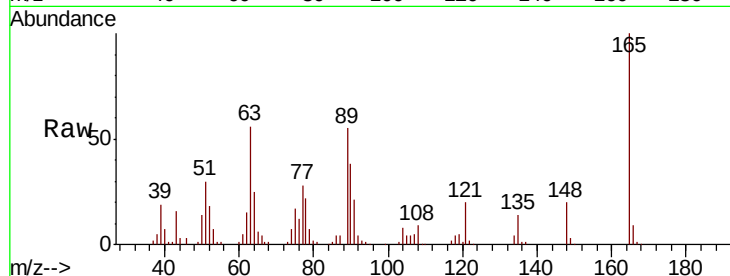




#51
 2,6-Dinitrotoluene
 Concen: 45.215 ng
 RT: 14.30 min Scan# 1875
 Delta R.T. 0.00 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

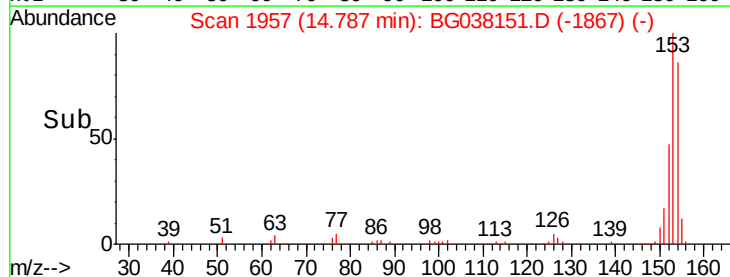
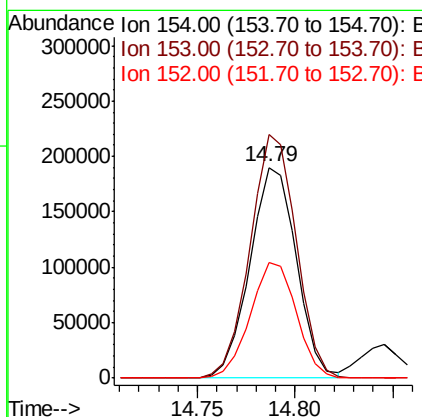
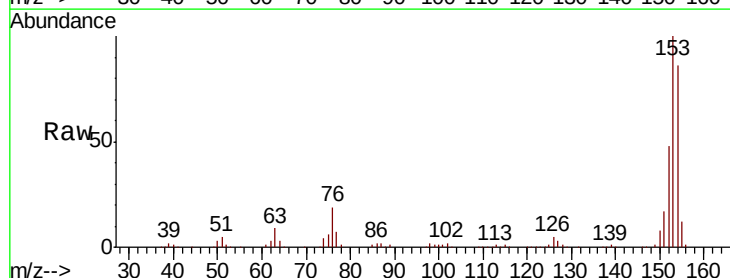
Instrument :
 BNA_G
 ClientSampleId :
 PB115042BS

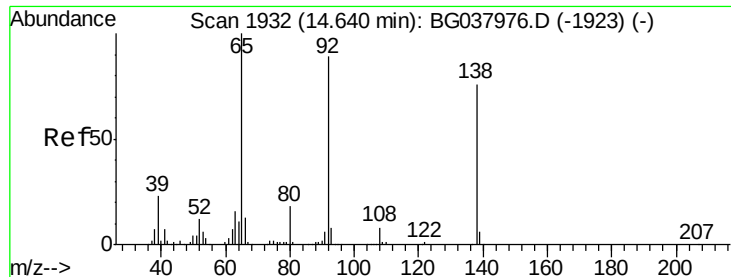
Tgt Ion:165 Resp: 97610
 Ion Ratio Lower Upper
 165 100
 63 55.9 43.4 65.2
 89 55.1 45.8 68.6



#52
 Acenaphthene
 Concen: 44.923 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

Tgt Ion:154 Resp: 313694
 Ion Ratio Lower Upper
 154 100
 153 115.6 93.4 140.0
 152 55.1 44.7 67.1





#53

3-Nitroaniline

Concen: 33.195 ng

RT: 14.64 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

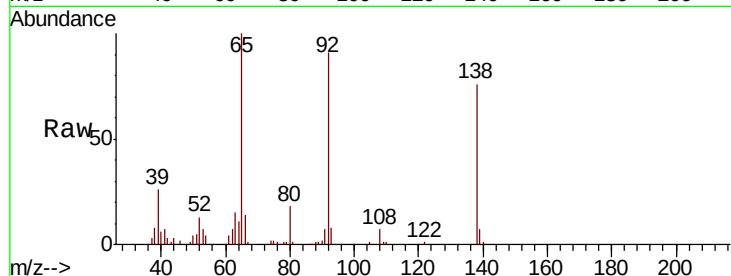
Tgt Ion:138 Resp: 79077

Ion Ratio Lower Upper

138 100

108 9.1 11.0 16.6#

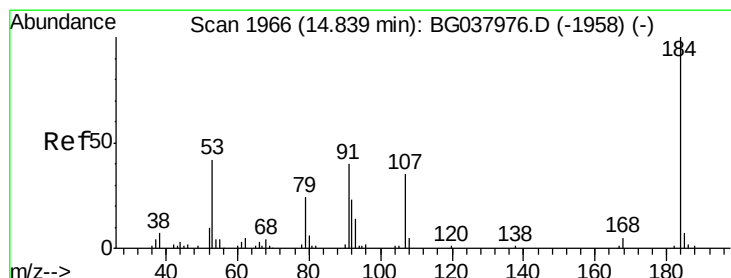
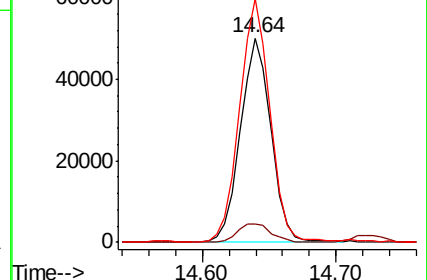
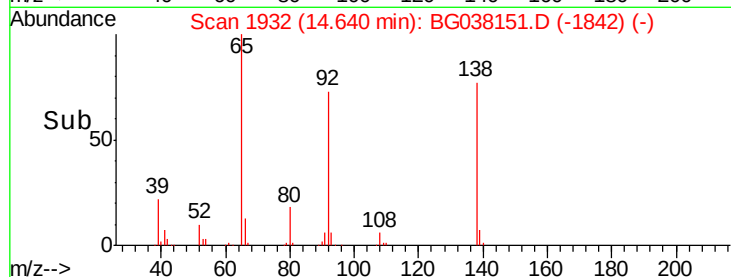
92 119.4 95.2 142.8



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: 77.826 ng

RT: 14.85 min Scan# 1967

Delta R.T. 0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

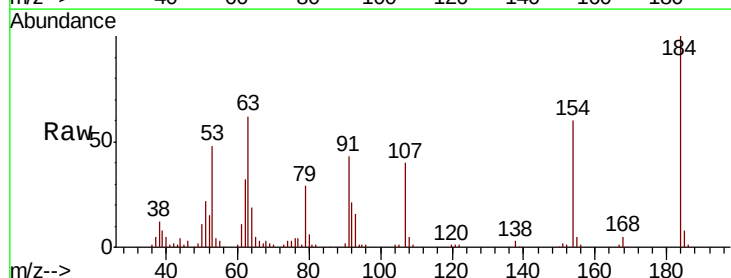
Tgt Ion:184 Resp: 90345

Ion Ratio Lower Upper

184 100

63 62.4 42.6 63.8

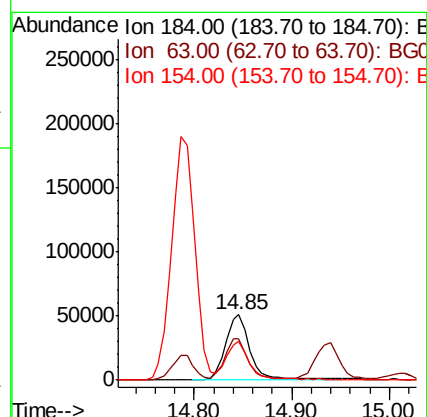
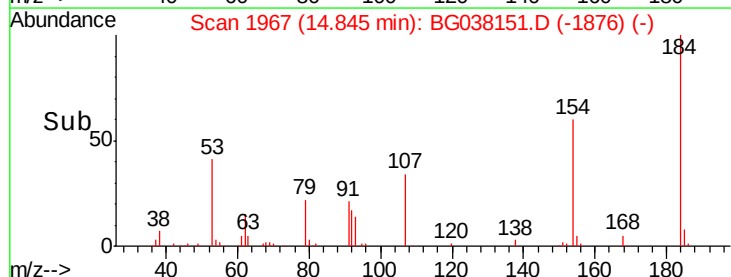
154 59.6 41.8 62.6

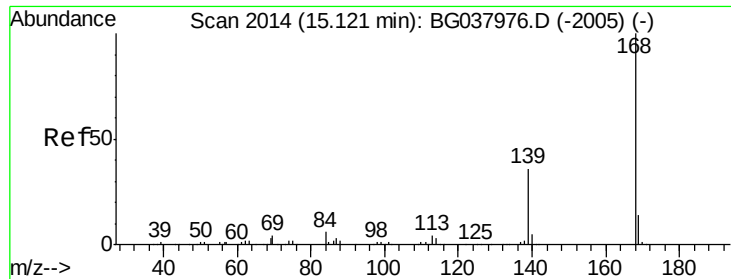


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

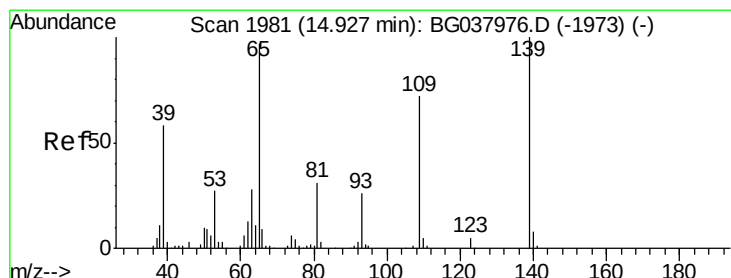
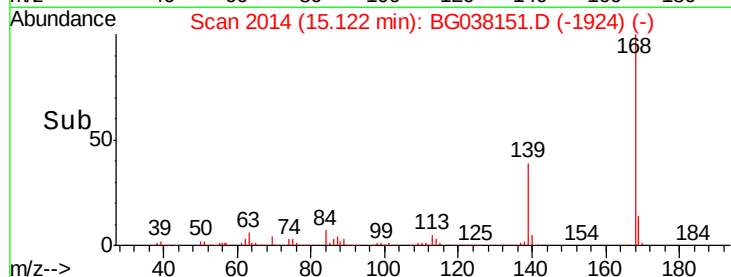
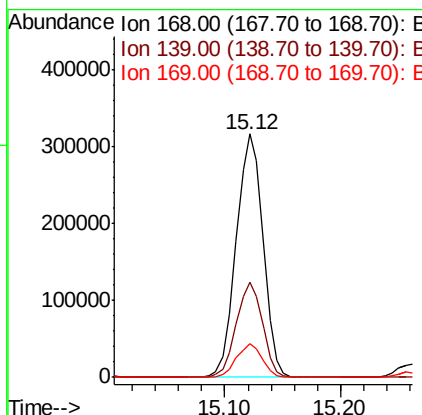
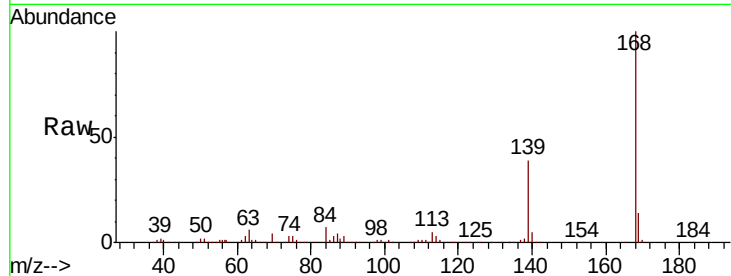




#55
Dibenzenofuran
Concen: 43.805 ng
RT: 15.12 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG038151.D
Acq: 27 Nov 2018 1:20

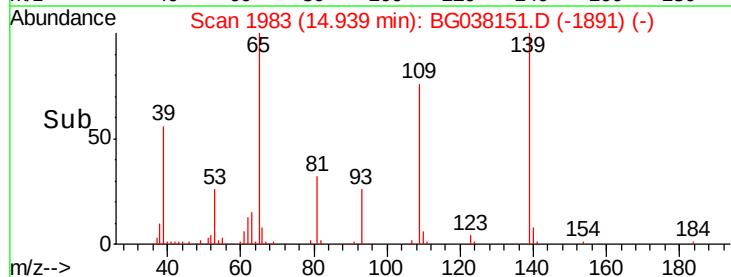
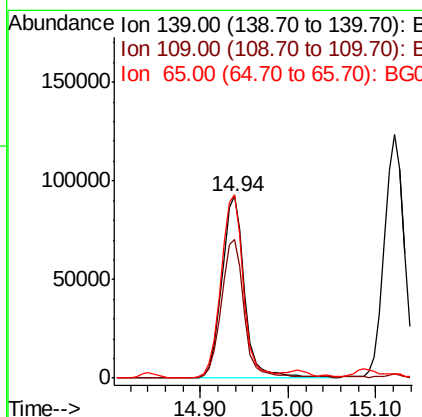
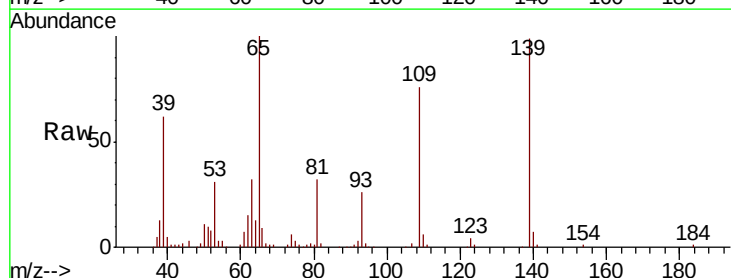
Instrument :
BNA_G
ClientSampleId :
PB115042BS

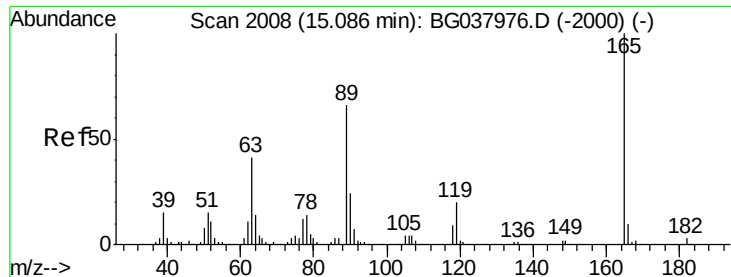
Tgt Ion:168 Resp: 505802
Ion Ratio Lower Upper
168 100
139 39.0 29.4 44.0
169 14.0 11.0 16.6



#56
4-Nitrophenol
Concen: 90.212 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BG038151.D
Acq: 27 Nov 2018 1:20

Tgt Ion:139 Resp: 165743
Ion Ratio Lower Upper
139 100
109 76.3 49.5 89.5
65 100.7 76.8 116.8

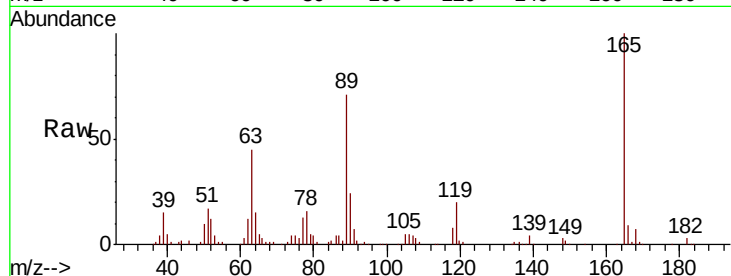




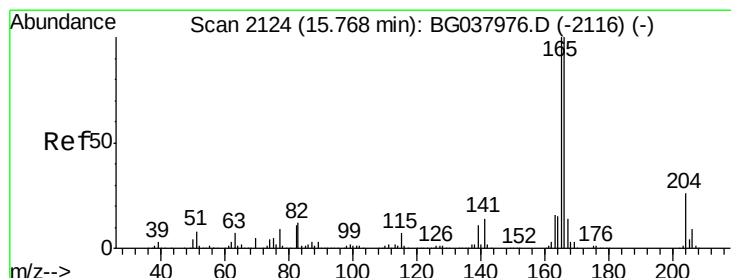
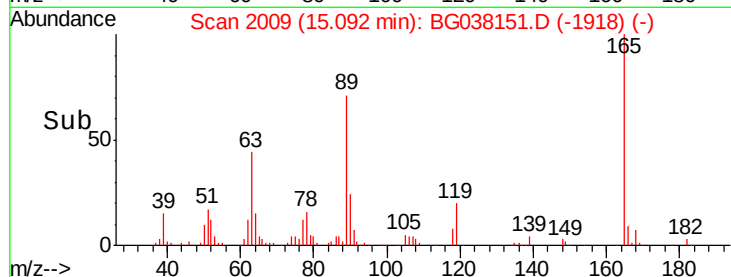
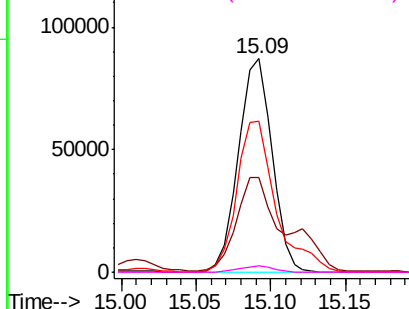
#57
2,4-Dinitrotoluene
Concen: 46.504 ng
RT: 15.09 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG038151.D
Acq: 27 Nov 2018 1:20

Instrument :
BNA_G
ClientSampleId :
PB115042BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.6	33.4	50.0
89	70.7	57.2	85.8
182	2.9	2.6	4.0

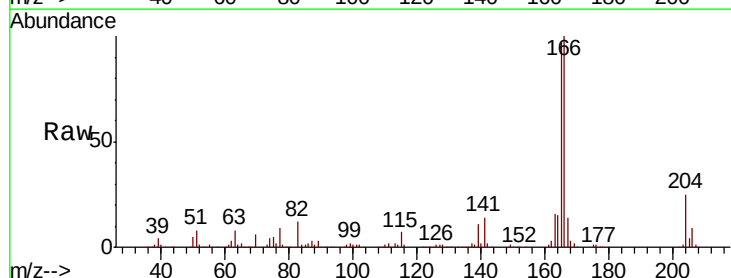


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

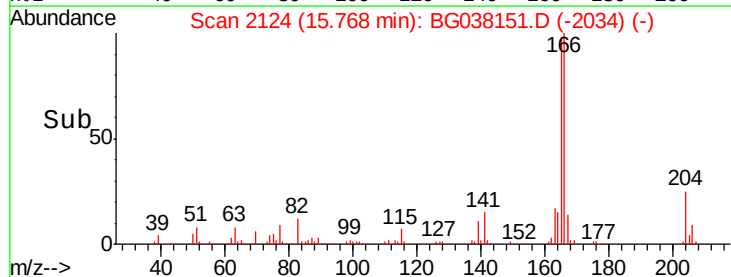
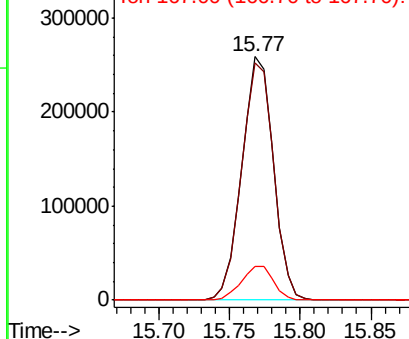


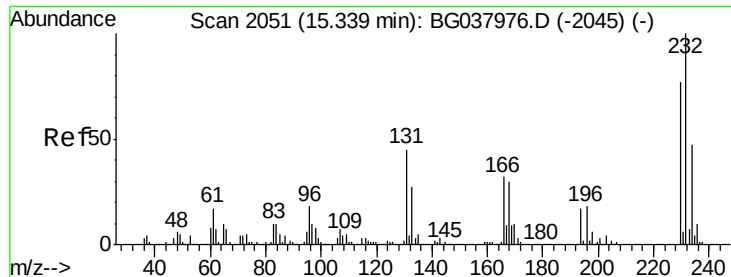
#58
Fluorene
Concen: 47.048 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG038151.D
Acq: 27 Nov 2018 1:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.0	118.6
167	13.9	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

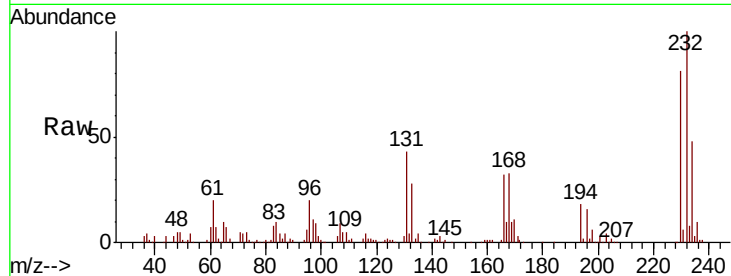




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.425 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. 0.01 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115042BS

Tgt Ion:	232	Resp:	119219
Ion	Ratio	Lower	Upper
232	100		
131	44.0	33.7	50.5
130	2.6	2.1	3.1
166	31.1	24.6	36.8



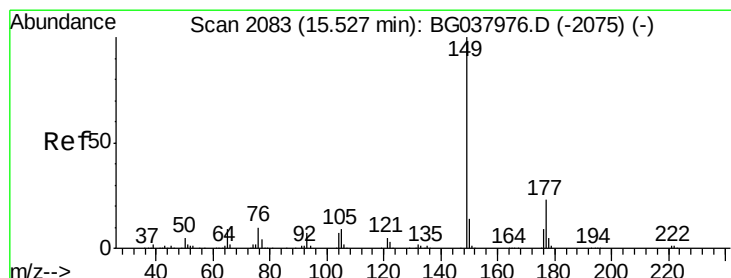
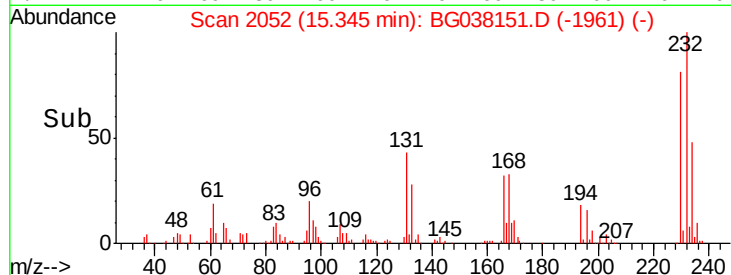
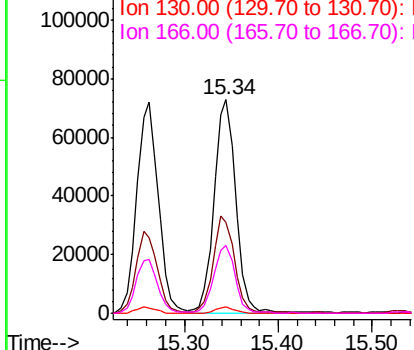
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

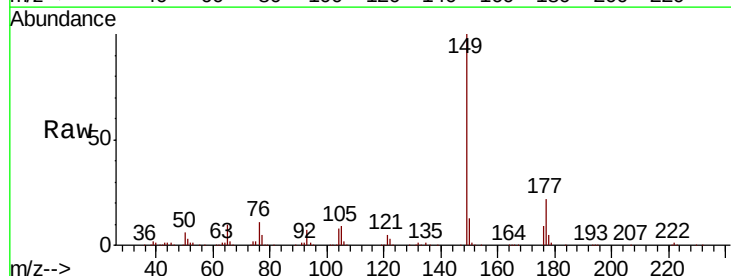
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.337 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

Tgt Ion:	149	Resp:	439058
Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.3	27.5
150	12.6	10.0	15.0

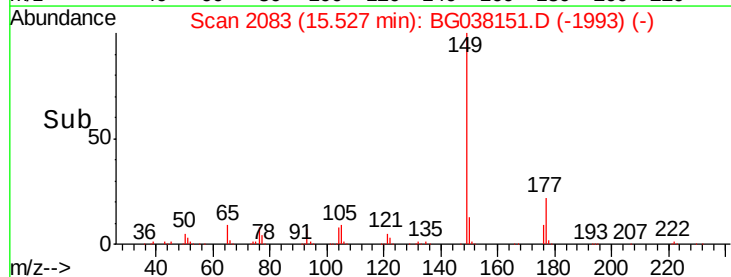
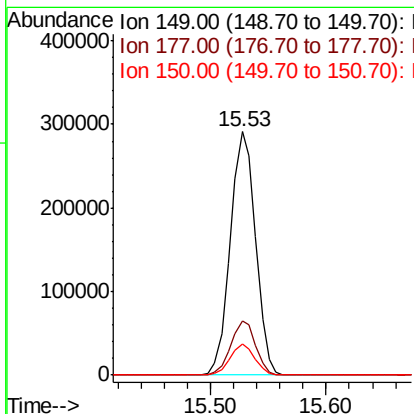


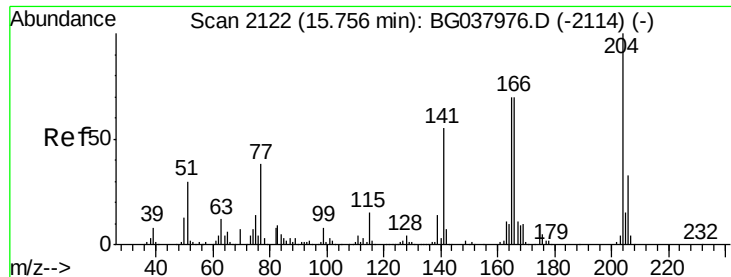
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

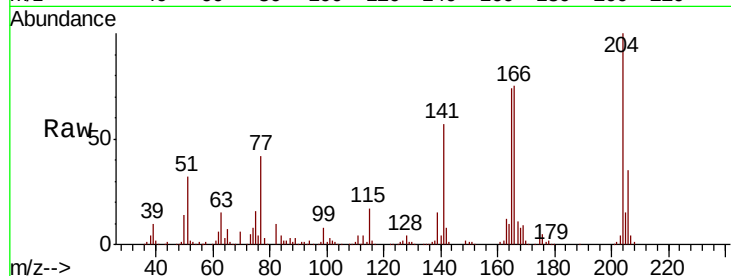




#61
4-Chlorophenyl-phenylether
Concen: 42.194 ng
RT: 15.76 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG038151.D
Acq: 27 Nov 2018 1:20

Instrument :
BNA_G
ClientSampleId :
PB115042BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.6	26.6	39.8
141	57.4	45.4	68.2

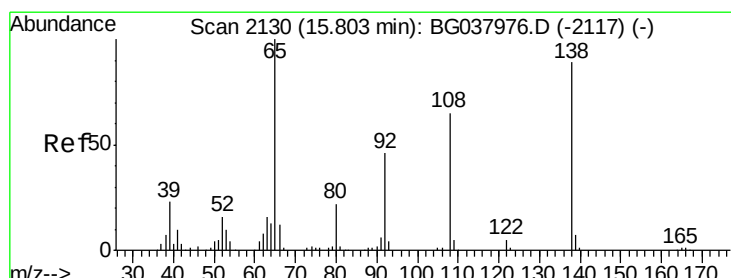
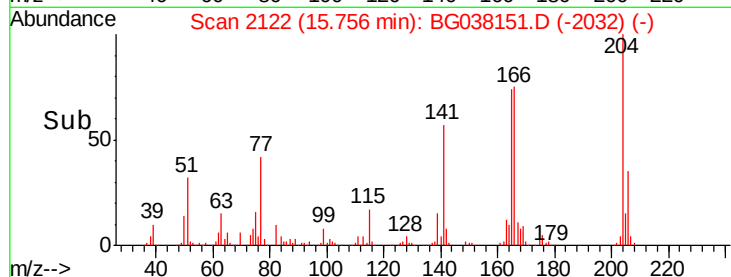
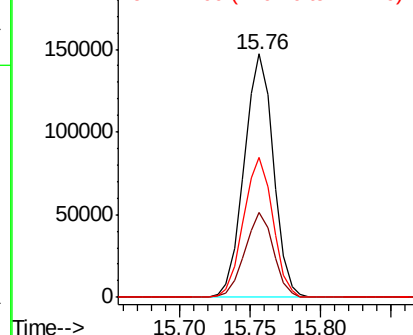


Abundance

Ion 204.00 (203.70 to 204.70): E

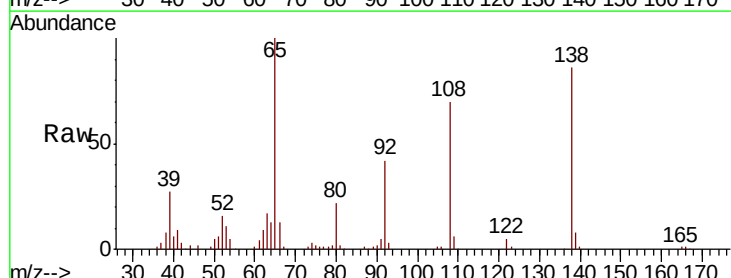
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 45.867 ng
RT: 15.81 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BG038151.D
Acq: 27 Nov 2018 1:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	36.4	76.4
108	81.7	60.1	100.1

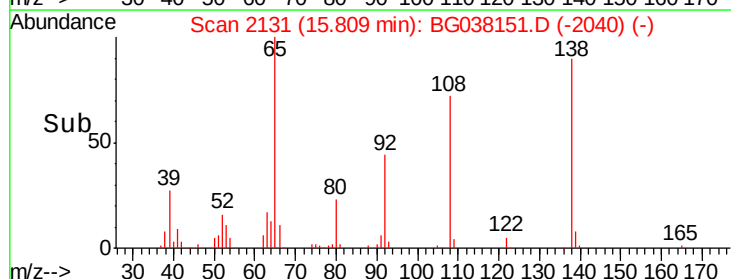
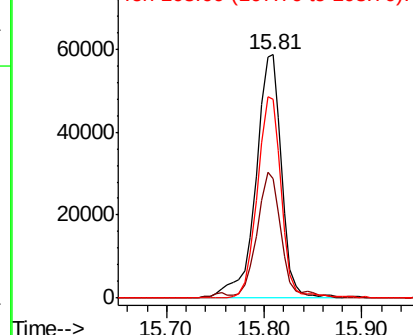


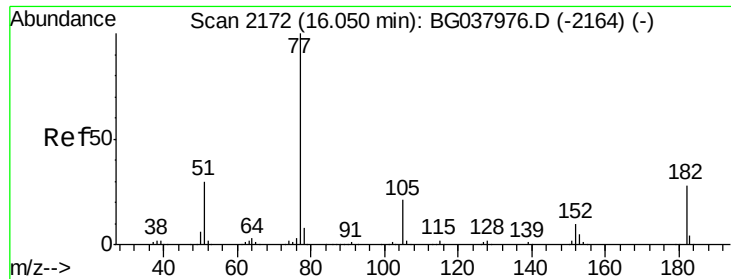
Abundance

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: 44.973 ng

RT: 16.05 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

Tgt Ion: 77 Resp: 407387

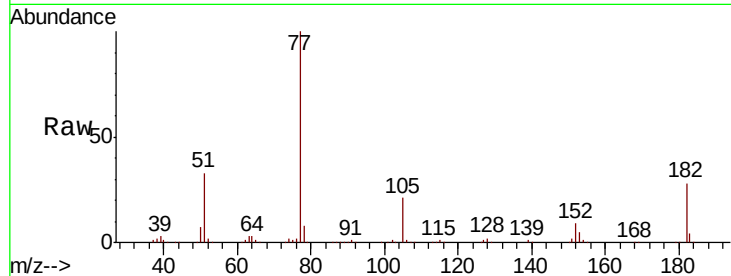
Ion Ratio Lower Upper

77 100

182 27.7 8.0 48.0

105 21.2 1.3 41.3

51 33.2 10.7 50.7

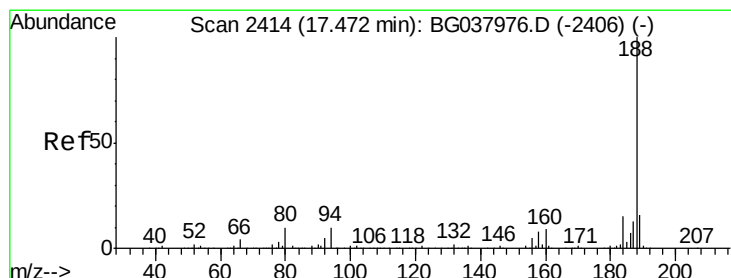
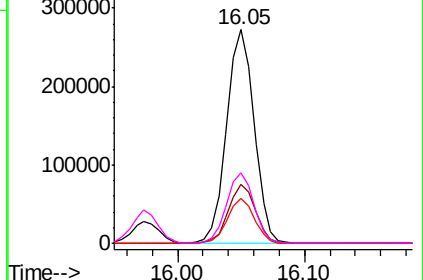
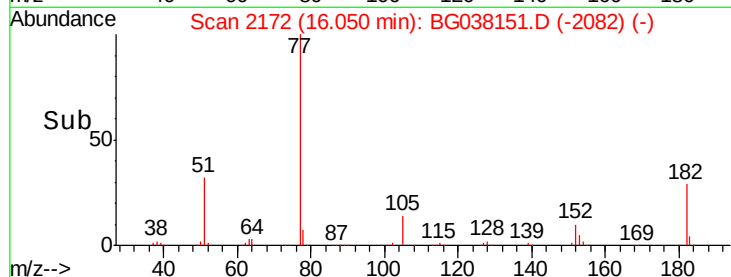


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG038151.D

Acq: 27 Nov 2018 1:20

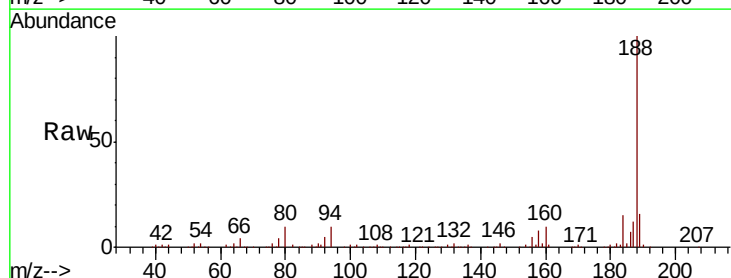
Tgt Ion: 188 Resp: 283509

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

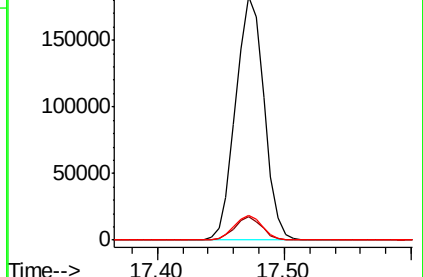
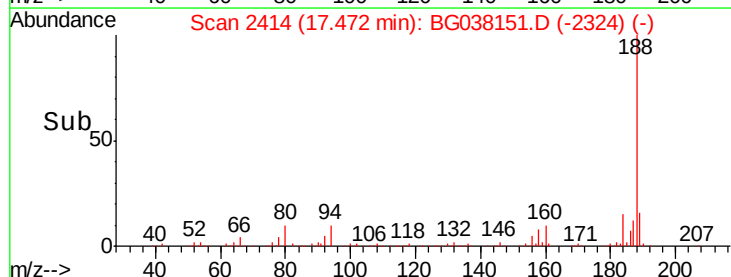
80 10.2 7.7 11.5

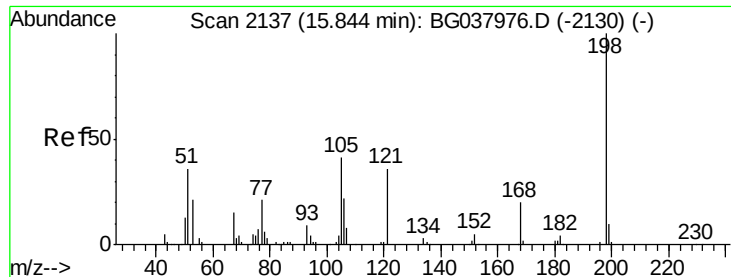


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 42.098 ng

RT: 15.85 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

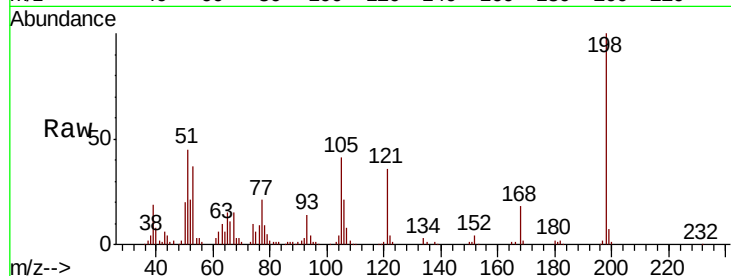
Tgt Ion:198 Resp: 75491

Ion Ratio Lower Upper

198 100

51 45.3 22.7 62.7

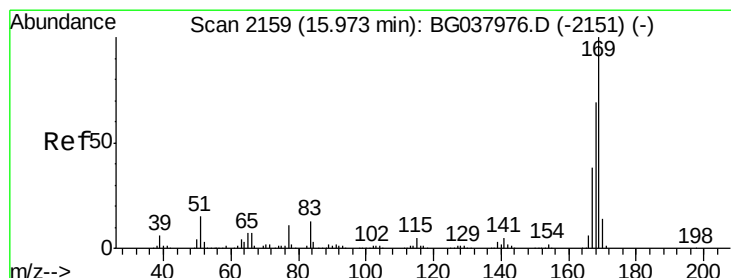
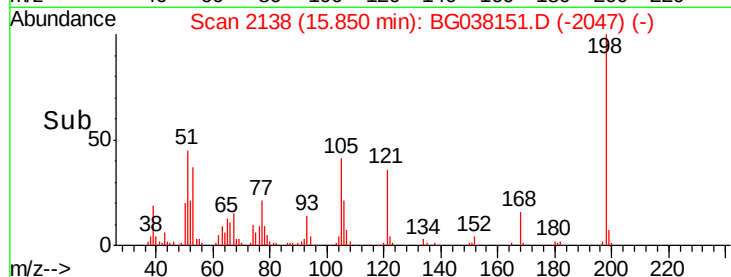
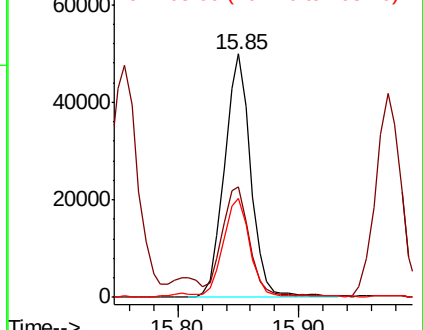
105 40.5 19.7 59.7



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: 43.017 ng

RT: 15.97 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

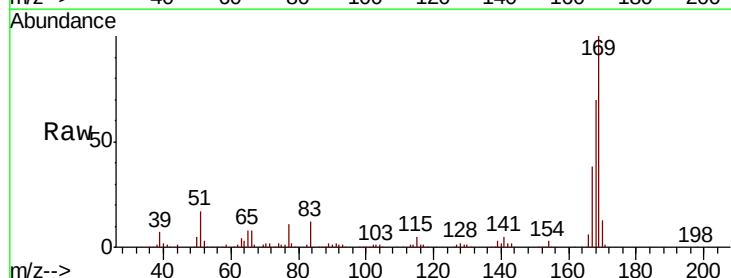
Tgt Ion:169 Resp: 368950

Ion Ratio Lower Upper

169 100

168 69.6 55.7 83.5

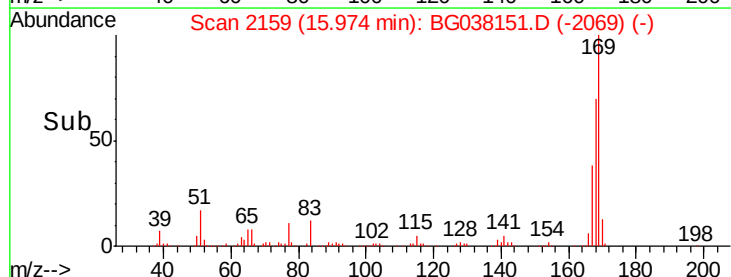
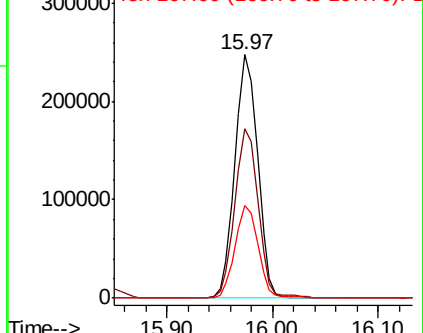
167 37.8 31.3 46.9

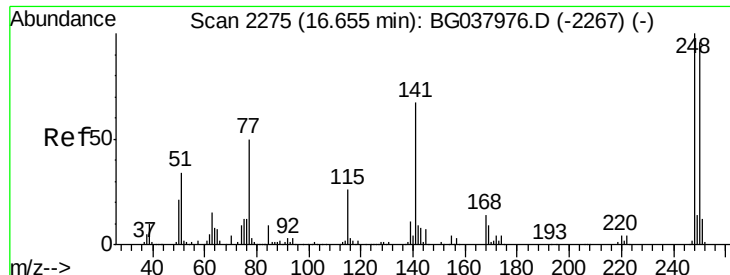


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

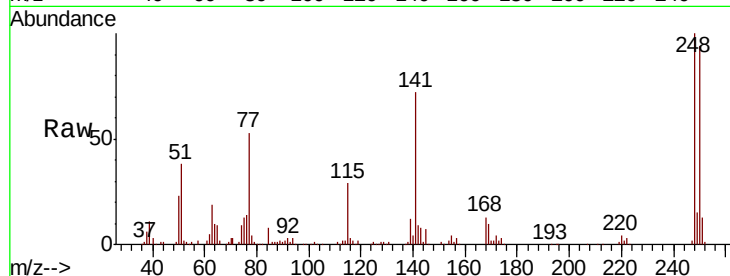




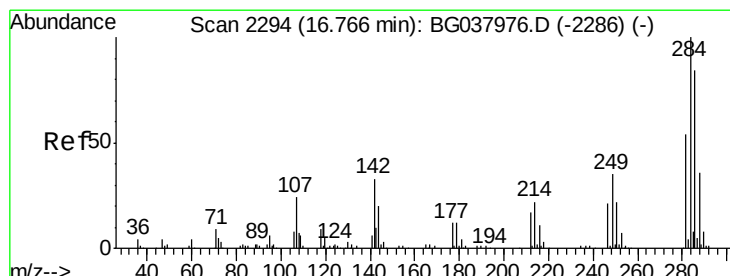
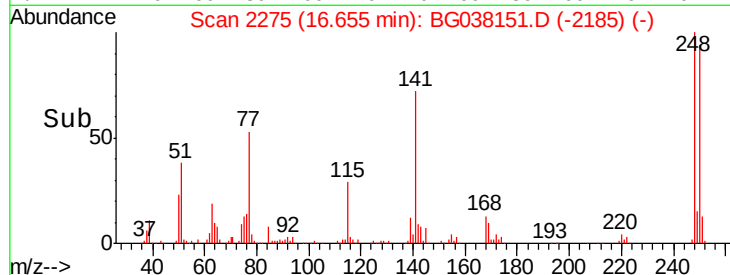
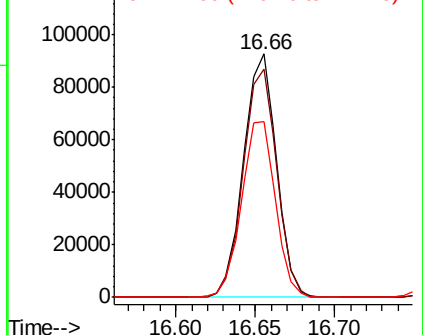
#67
 4-Bromophenyl-phenylether
 Concen: 43.070 ng
 RT: 16.66 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115042BS

Tgt Ion:248 Resp: 134025
 Ion Ratio Lower Upper
 248 100
 250 93.6 77.0 115.6
 141 72.0 55.5 83.3

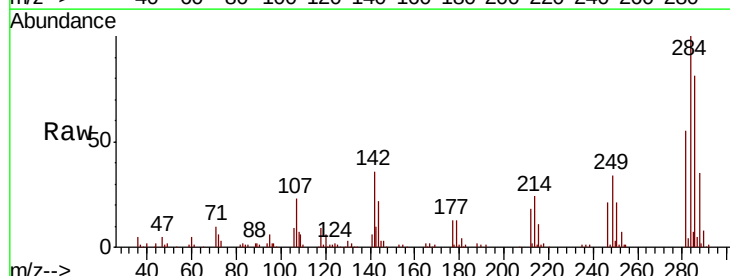


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

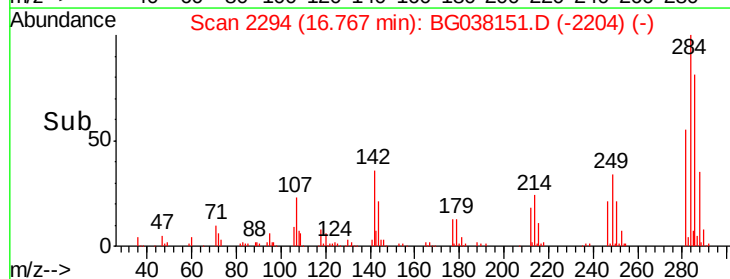
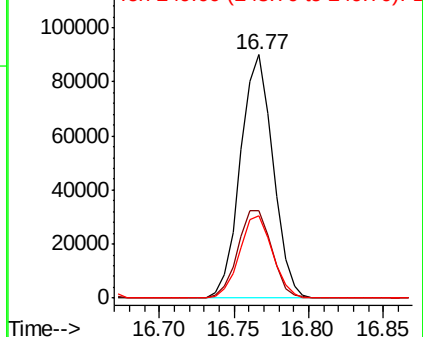


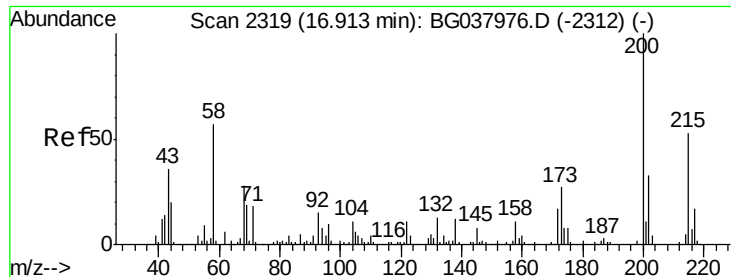
#68
 Hexachlorobenzene
 Concen: 42.416 ng
 RT: 16.77 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

Tgt Ion:284 Resp: 136239
 Ion Ratio Lower Upper
 284 100
 142 36.2 28.1 42.1
 249 36.3 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 44.235 ng

RT: 16.92 min Scan# 2320

Delta R.T. 0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

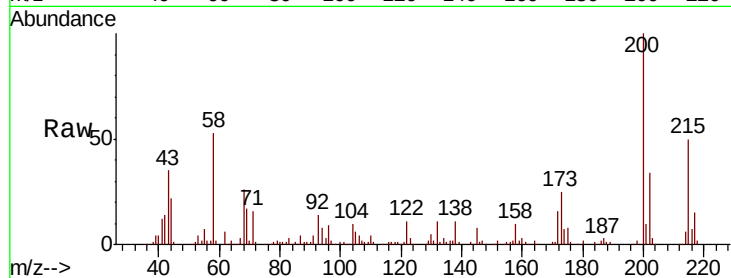
Tgt Ion:200 Resp: 139861

Ion Ratio Lower Upper

200 100

173 24.6 6.1 46.1

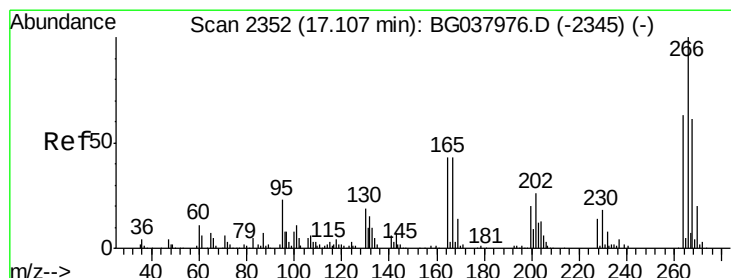
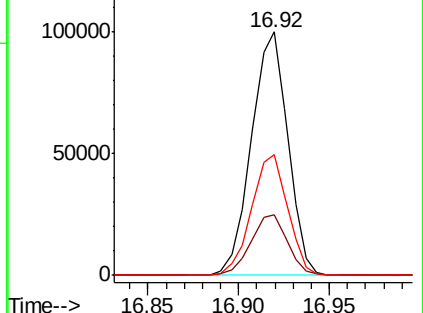
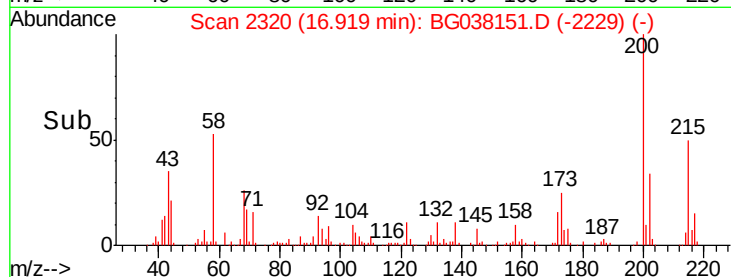
215 49.8 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.955 ng

RT: 17.11 min Scan# 2353

Delta R.T. 0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

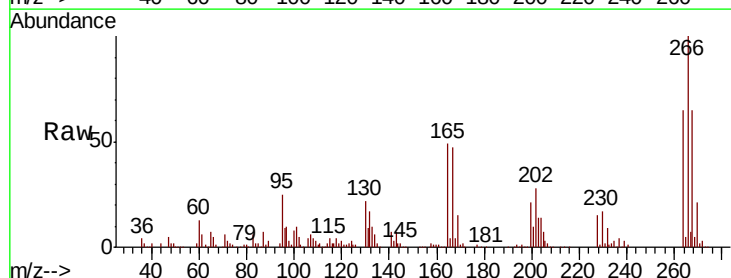
Tgt Ion:266 Resp: 170054

Ion Ratio Lower Upper

266 100

268 69.4 55.0 82.6

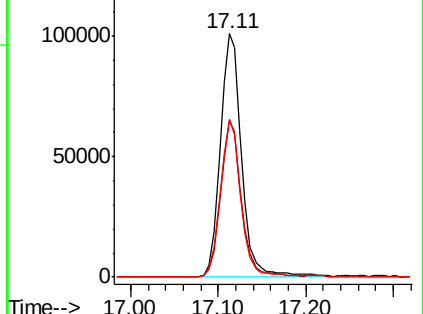
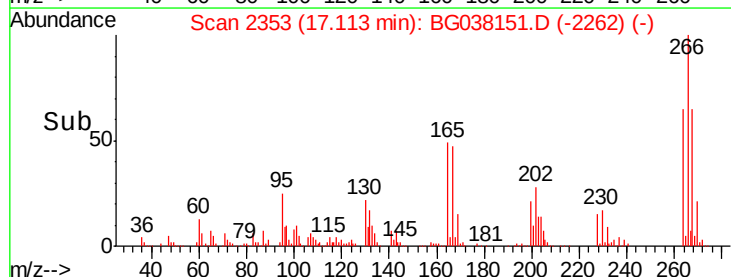
264 70.5 58.9 88.3

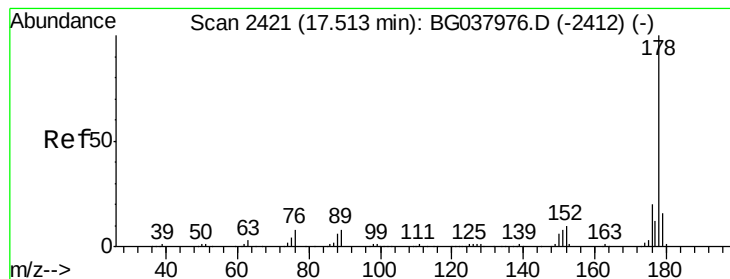


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.422 ng

RT: 17.51 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

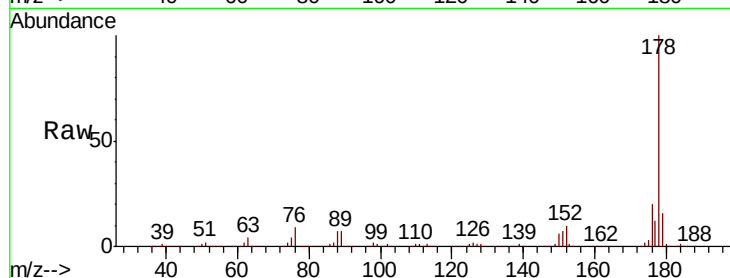
Tgt Ion:178 Resp: 673822

Ion Ratio Lower Upper

178 100

176 19.9 16.1 24.1

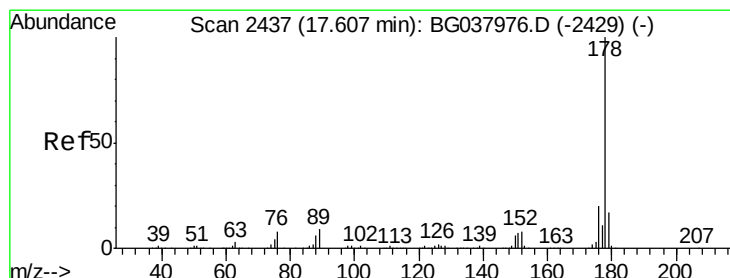
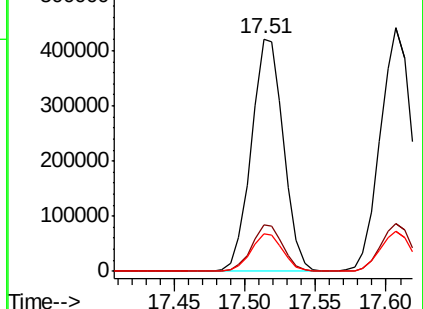
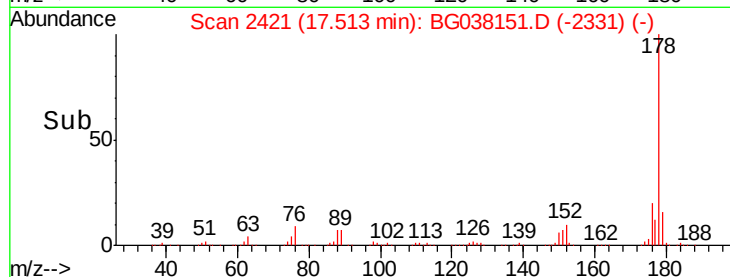
179 16.2 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.170 ng

RT: 17.61 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

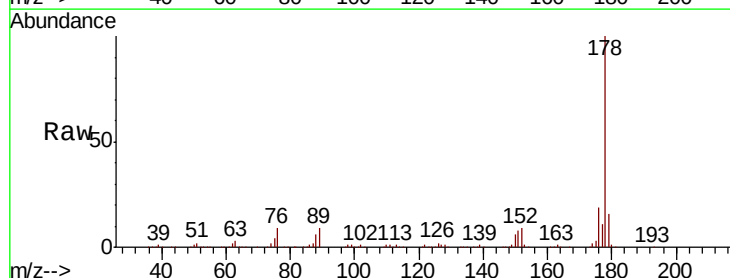
Tgt Ion:178 Resp: 689228

Ion Ratio Lower Upper

178 100

176 19.5 15.0 22.4

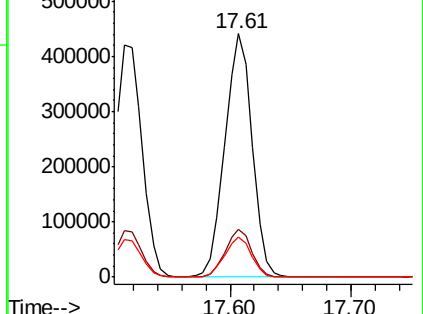
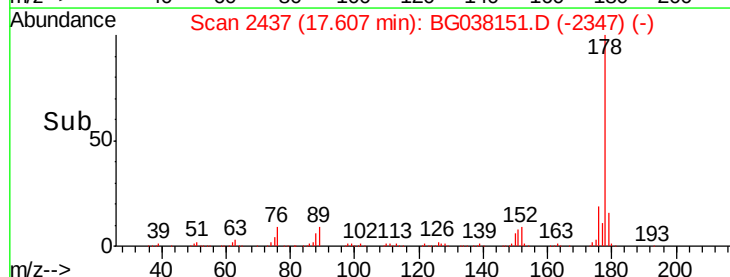
179 16.4 12.8 19.2

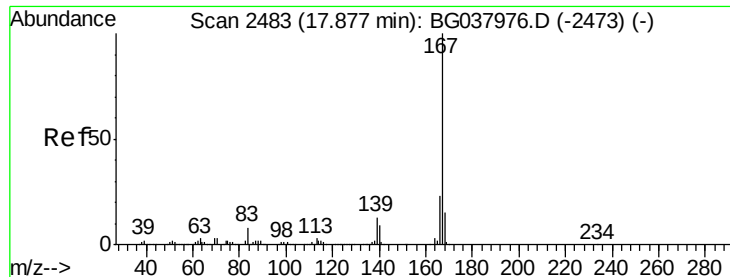


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

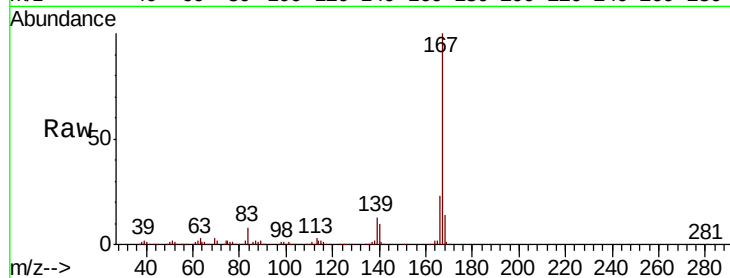




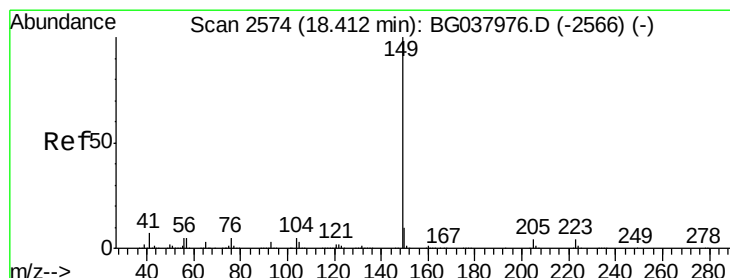
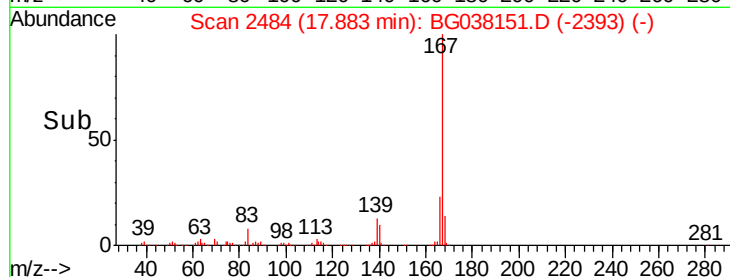
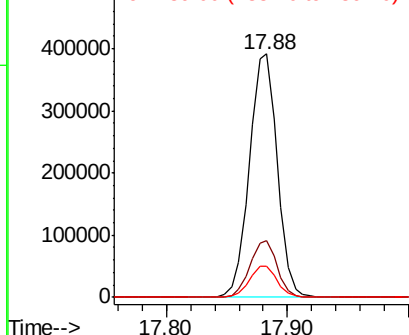
#73
 Carbazole
 Concen: 43.791 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. 0.01 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115042BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.3	27.5
139	12.8	10.5	15.7

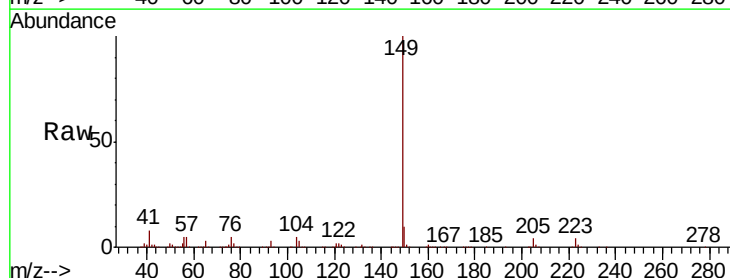


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

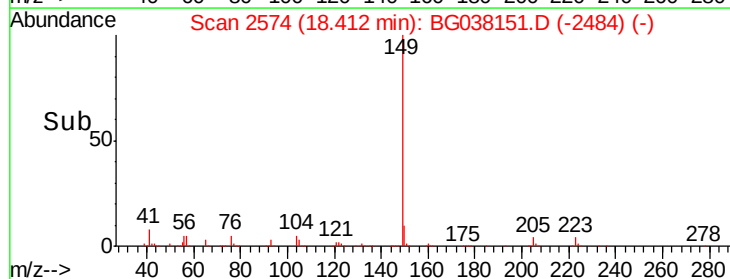
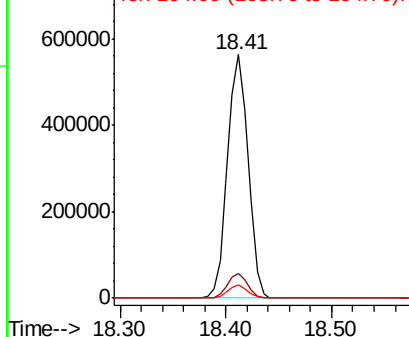


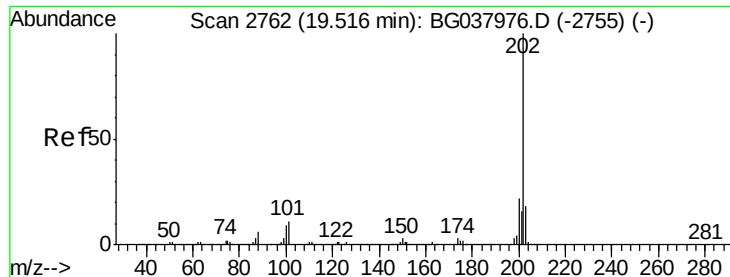
#74
 Di-n-butylphthalate
 Concen: 47.049 ng
 RT: 18.41 min Scan# 2574
 Delta R.T. 0.00 min
 Lab File: BG038151.D
 Acq: 27 Nov 2018 1:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	5.4	4.0	6.0



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





#75

Fluoranthene

Concen: 48.526 ng

RT: 19.52 min Scan# 2763

Delta R.T. 0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

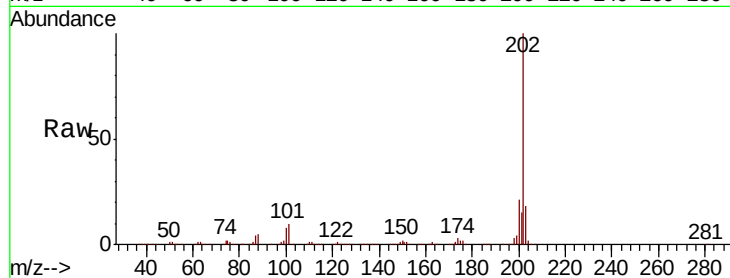
Tgt Ion:202 Resp: 803639

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.7

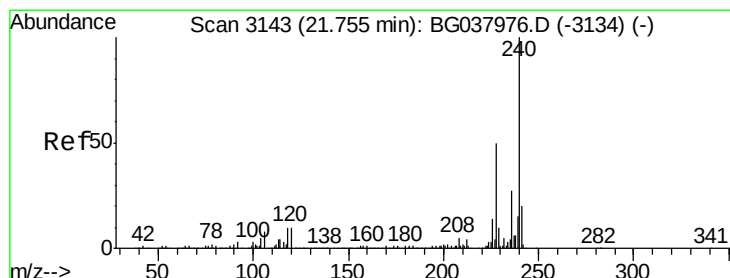
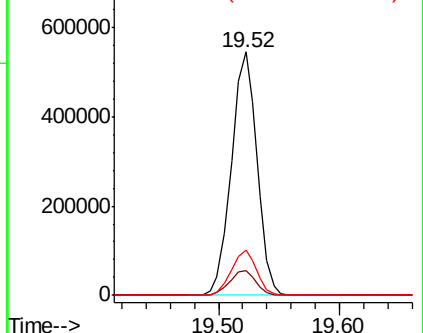
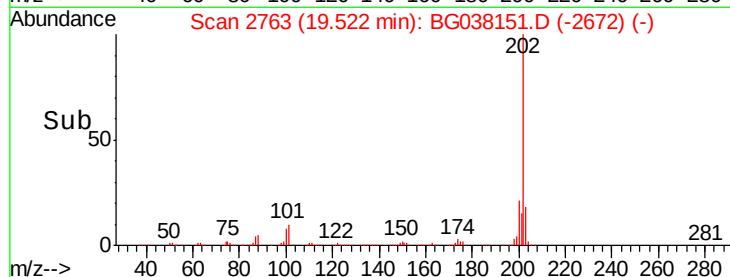
203 18.5 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. 0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

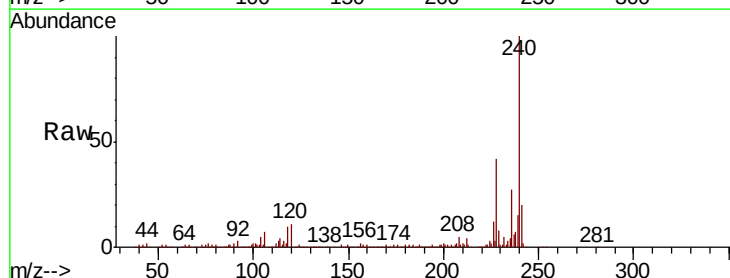
Tgt Ion:240 Resp: 265099

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

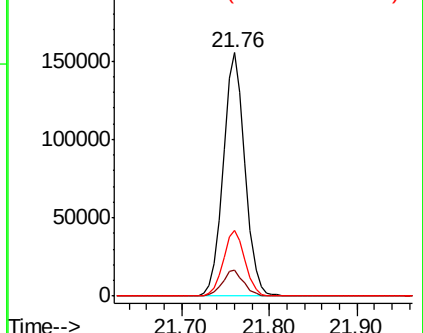
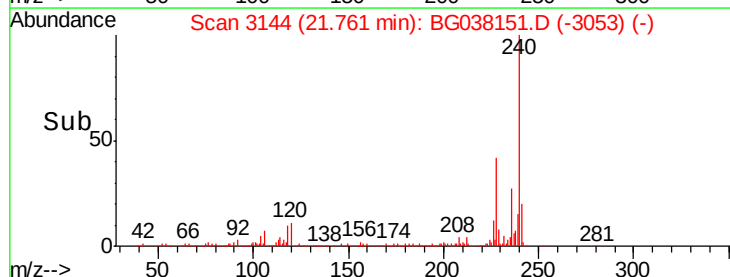
236 26.7 21.4 32.0

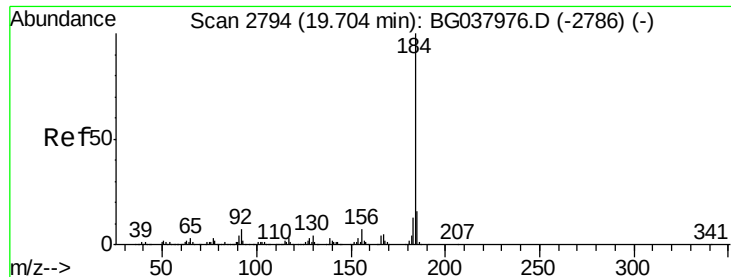


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.776 ng

RT: 19.70 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

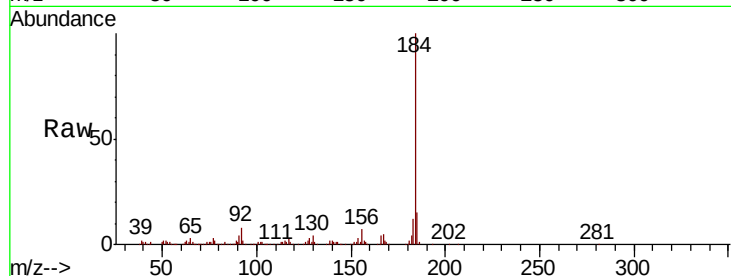
Tgt Ion:184 Resp: 342097

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

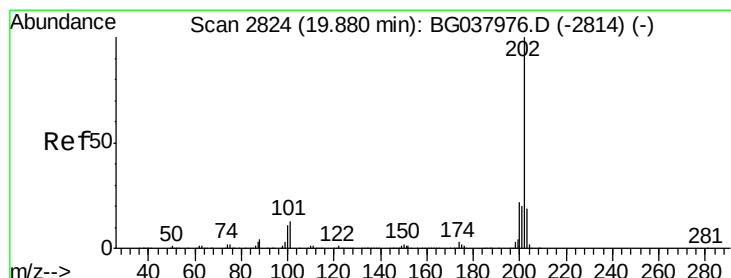
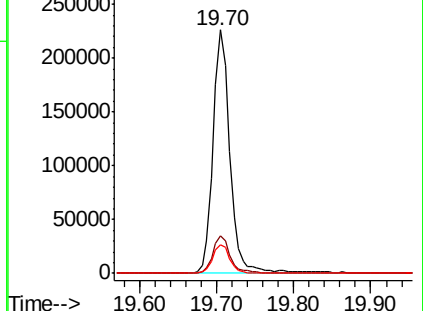
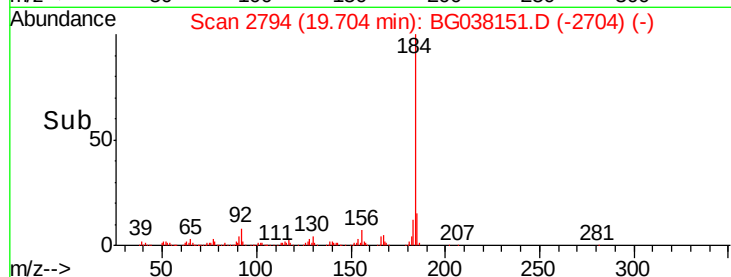
183 11.7 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.119 ng

RT: 19.89 min Scan# 2825

Delta R.T. 0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

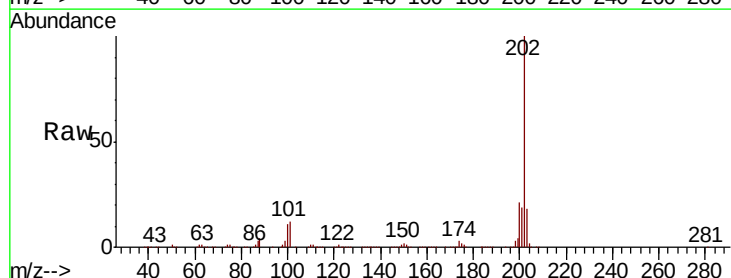
Tgt Ion:202 Resp: 799356

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

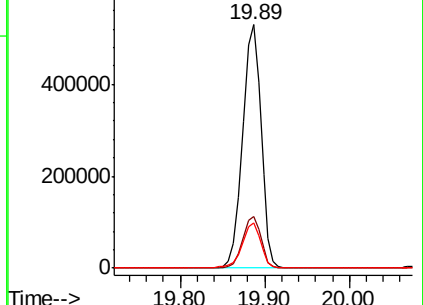
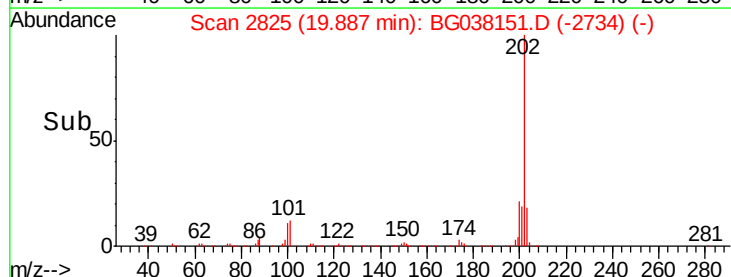
203 18.4 15.2 22.8

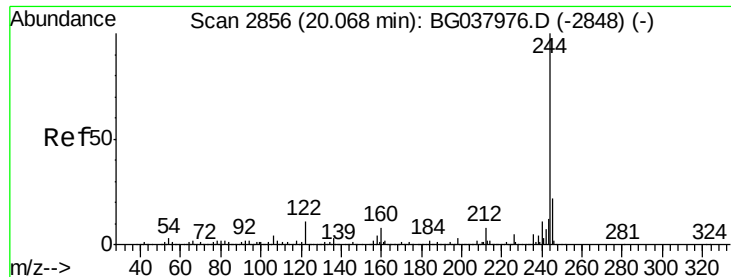


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.413 ng

RT: 20.07 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

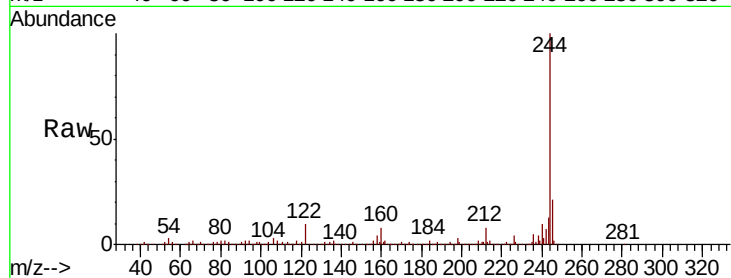
Tgt Ion:244 Resp: 838363

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

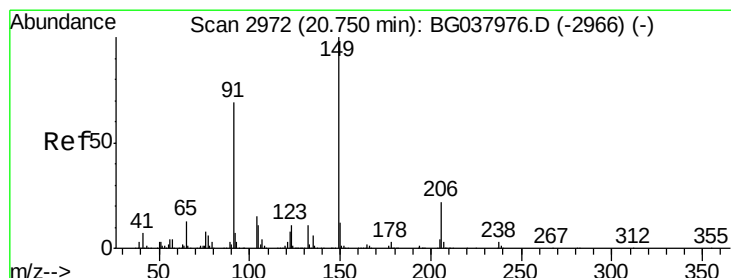
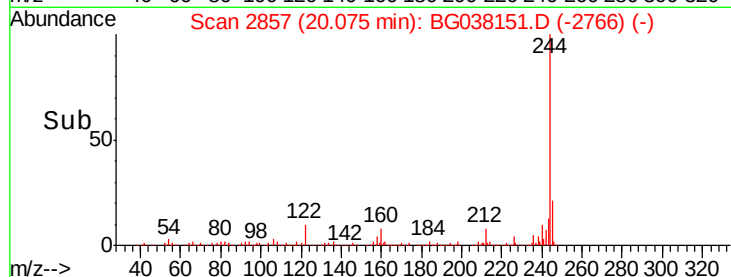
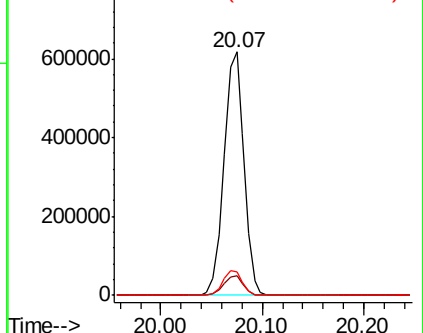
122 9.8 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.458 ng

RT: 20.76 min Scan# 2973

Delta R.T. 0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

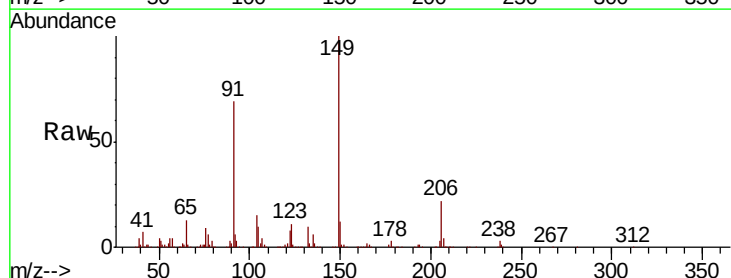
Tgt Ion:149 Resp: 352142

Ion Ratio Lower Upper

149 100

91 68.6 57.0 85.4

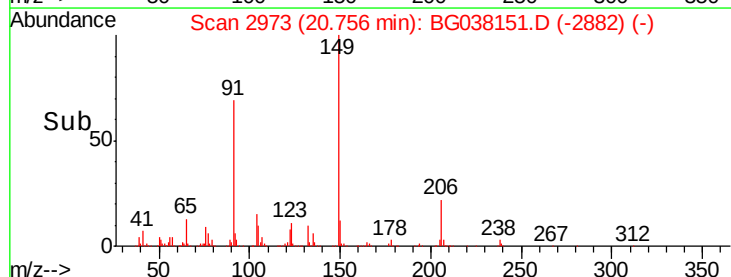
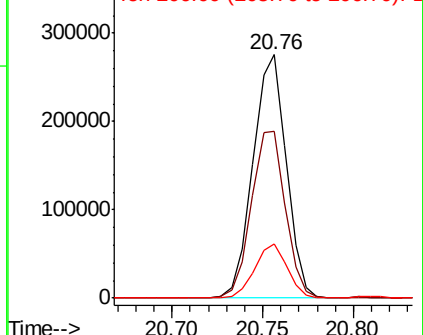
206 22.4 17.8 26.6

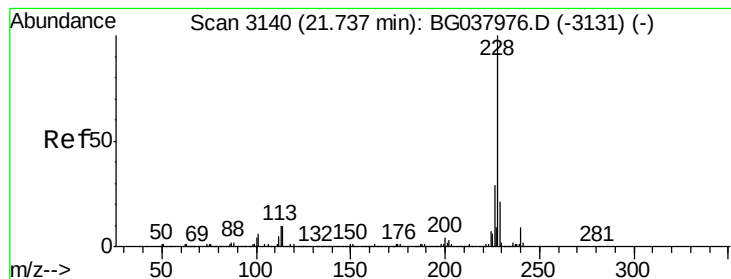


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.541 ng

RT: 21.74 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

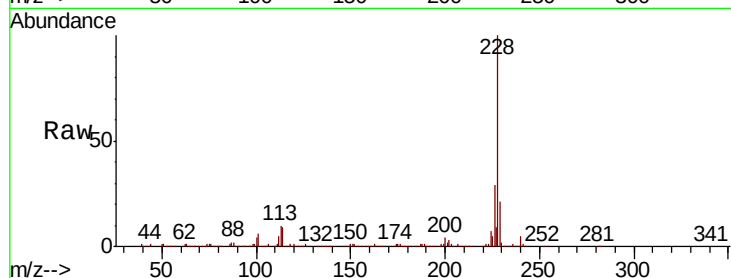
Tgt Ion:228 Resp: 761616

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

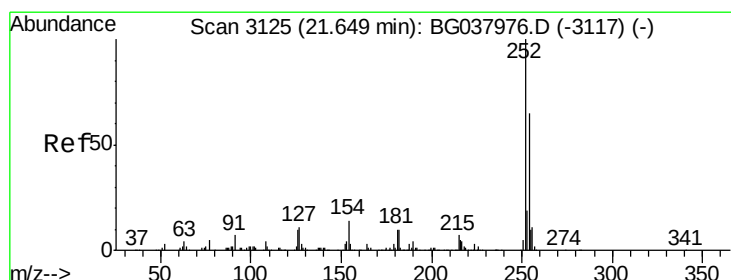
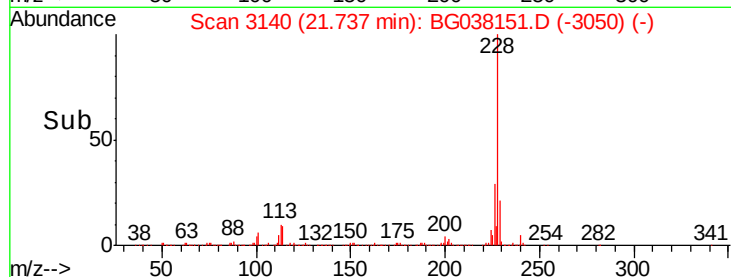
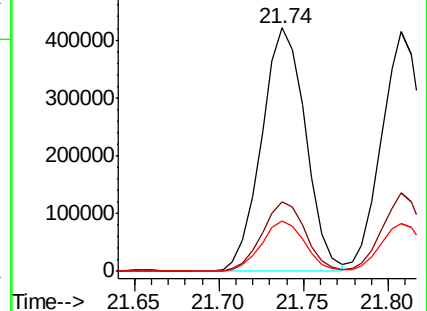
229 20.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.743 ng

RT: 21.66 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

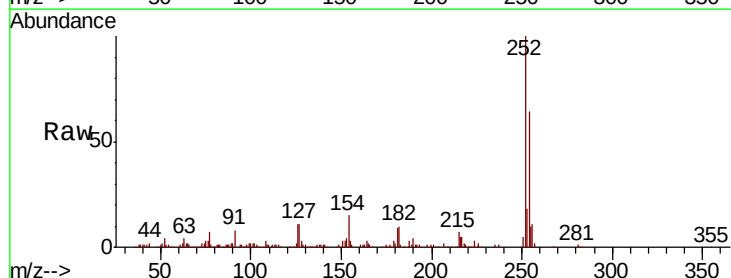
Tgt Ion:252 Resp: 198090

Ion Ratio Lower Upper

252 100

254 64.4 52.0 78.0

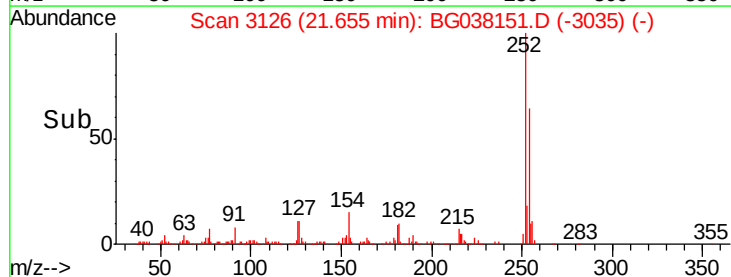
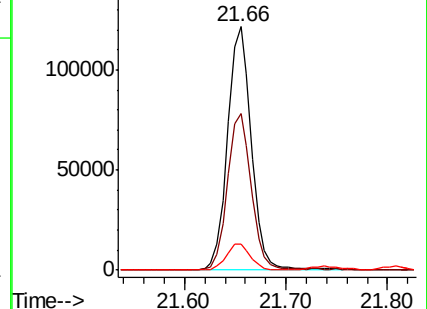
126 10.8 8.2 12.4

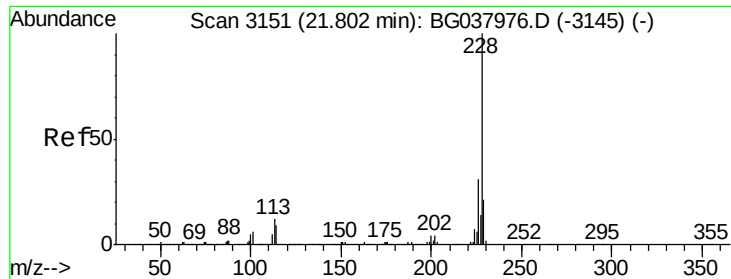


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.087 ng

RT: 21.81 min Scan# 3152

Delta R.T. 0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

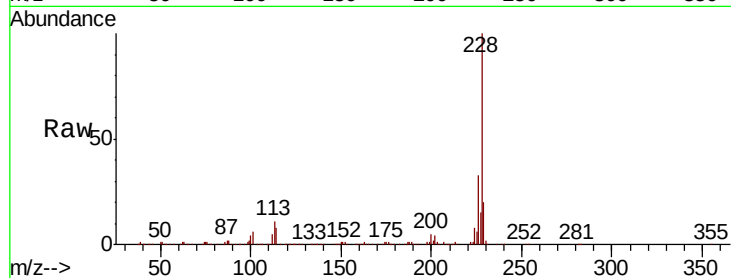
Tgt Ion:228 Resp: 706418

Ion Ratio Lower Upper

228 100

226 32.5 25.7 38.5

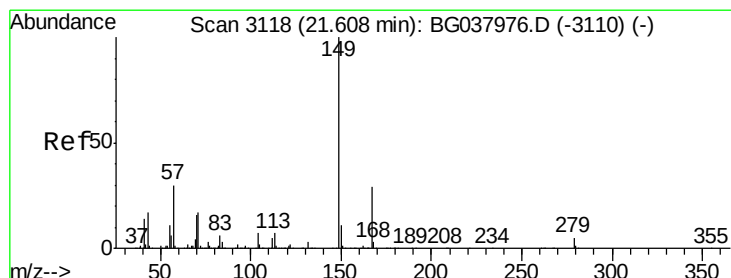
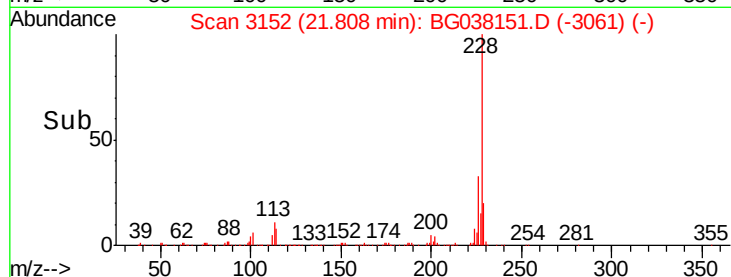
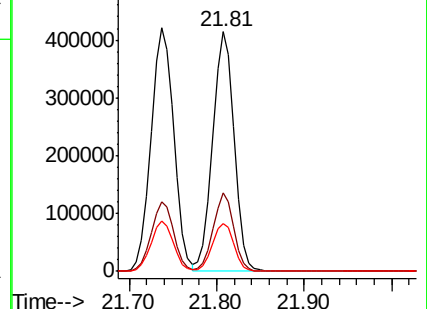
229 20.2 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.868 ng

RT: 21.61 min Scan# 3118

Delta R.T. 0.00 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

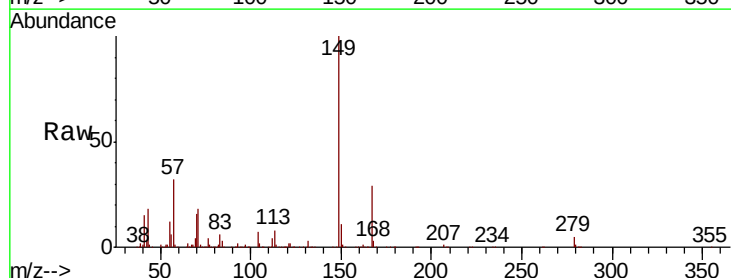
Tgt Ion:149 Resp: 495807

Ion Ratio Lower Upper

149 100

167 28.8 23.0 34.4

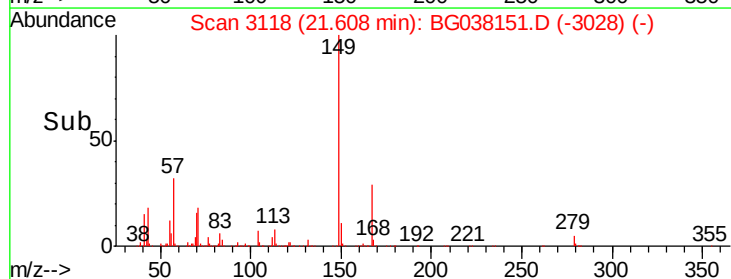
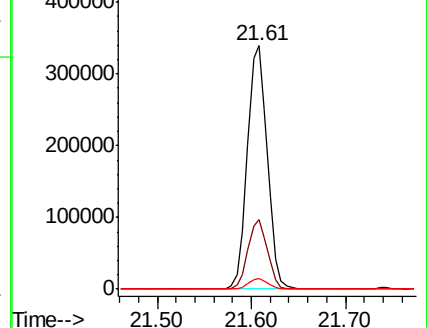
279 4.5 3.6 5.4

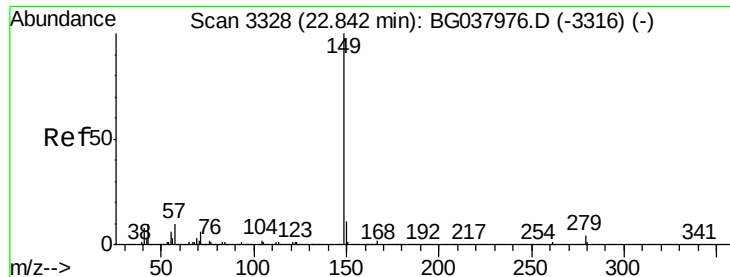


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.558 ng

RT: 22.85 min Scan# 3329

Delta R.T. 0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

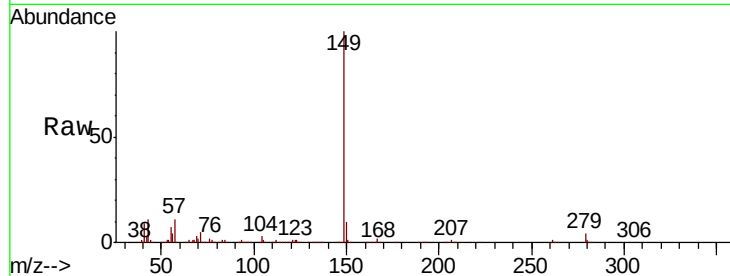
Tgt Ion:149 Resp: 849162

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

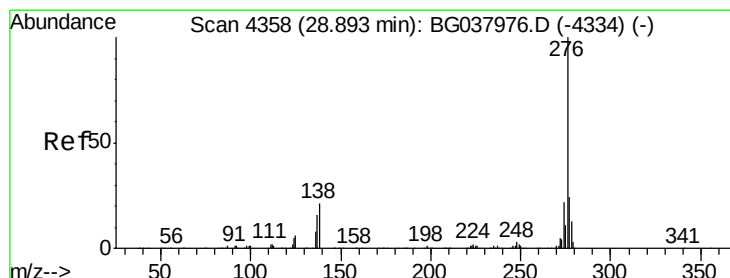
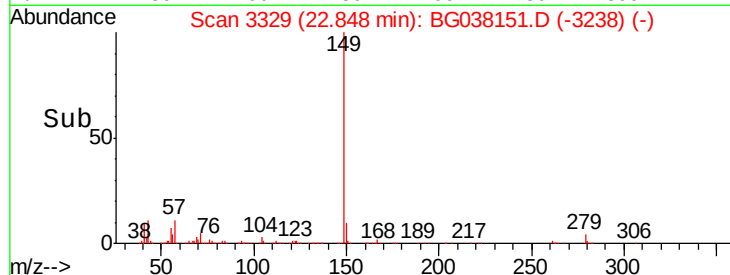
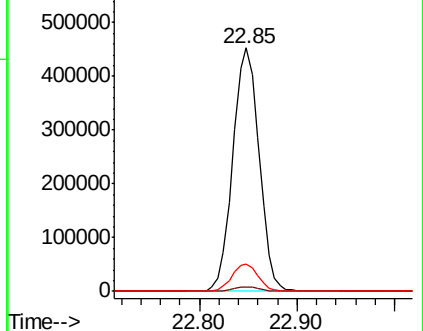
43 11.2 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.053 ng

RT: 28.90 min Scan# 4359

Delta R.T. 0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

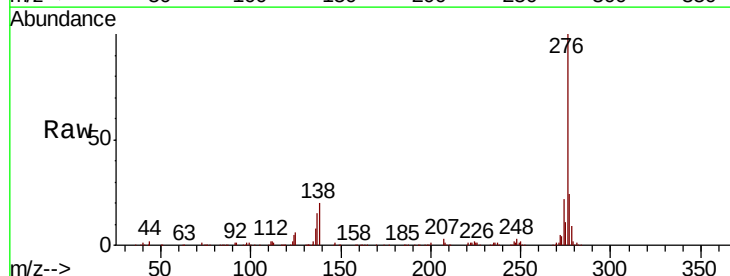
Tgt Ion:276 Resp: 818049

Ion Ratio Lower Upper

276 100

138 24.8 12.0 18.0#

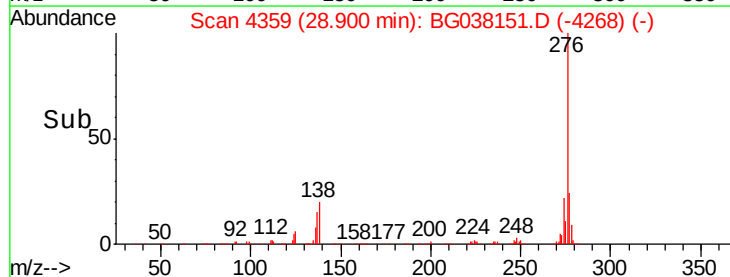
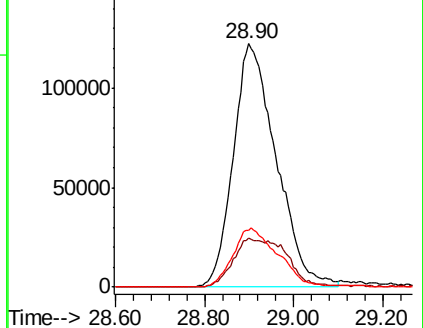
277 25.3 20.6 30.8

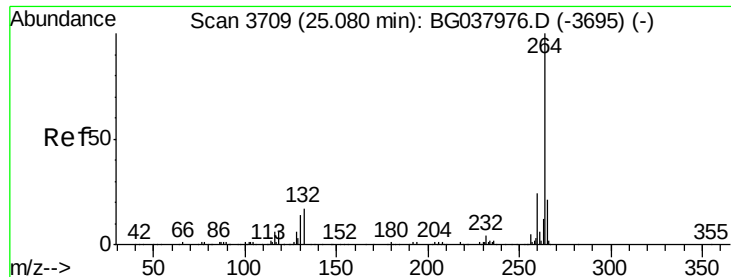


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



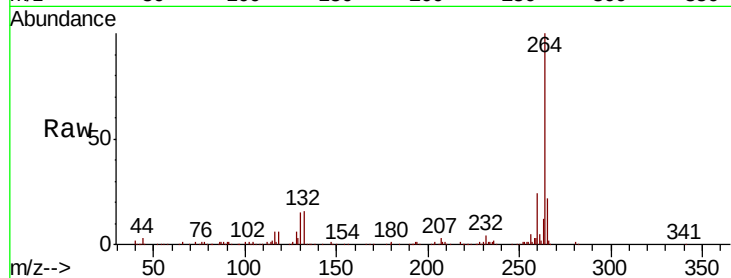


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. 0.01 min
Lab File: BG038151.D
Acq: 27 Nov 2018 1:20

Instrument :
BNA_G
ClientSampleId :
PB115042BS

Tgt Ion: 264 Resp: 262990

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	21.9	17.9	26.9

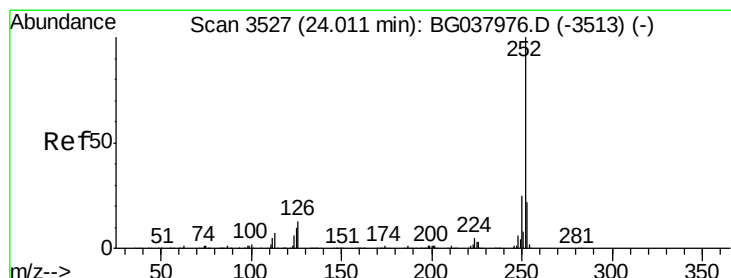
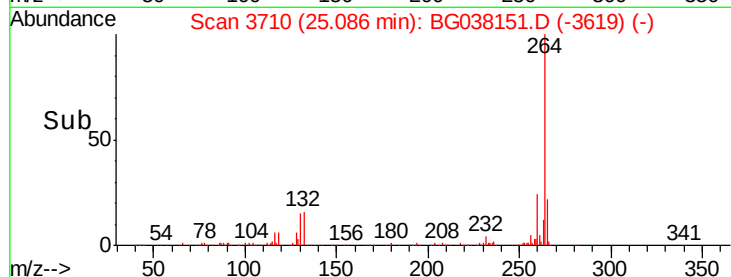
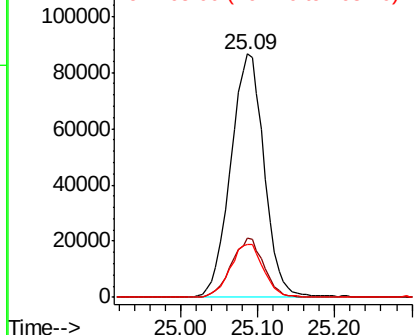


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

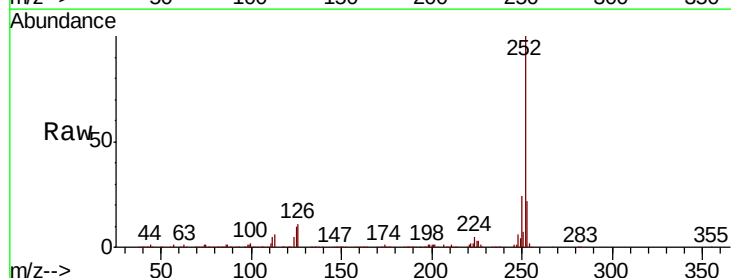
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 52.144 ng
RT: 24.02 min Scan# 3529
Delta R.T. 0.01 min
Lab File: BG038151.D
Acq: 27 Nov 2018 1:20

Tgt Ion: 252 Resp: 754657

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	9.6	7.8	11.6

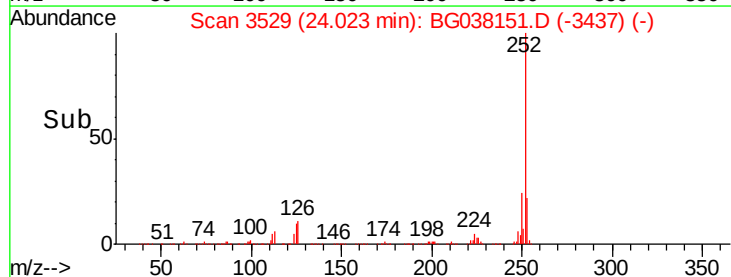
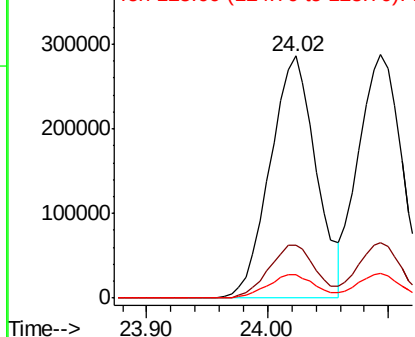


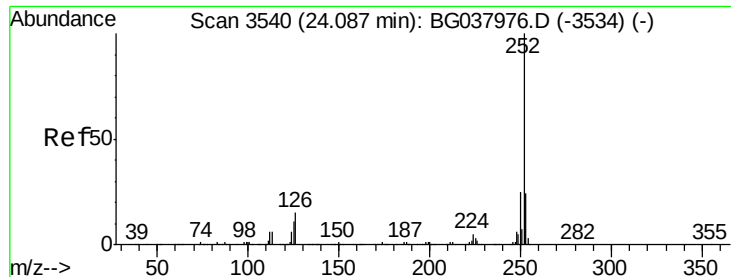
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.184 ng

RT: 24.09 min Scan# 3541

Delta R.T. 0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

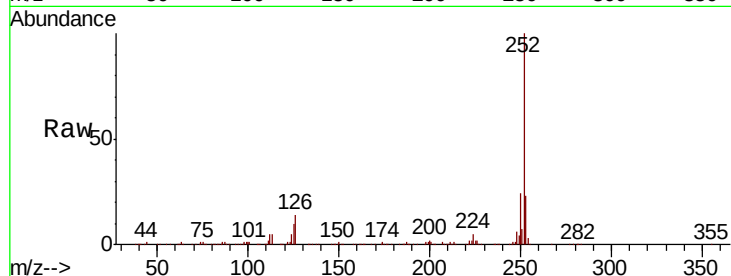
Tgt Ion:252 Resp: 716668

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 9.9 7.4 11.0

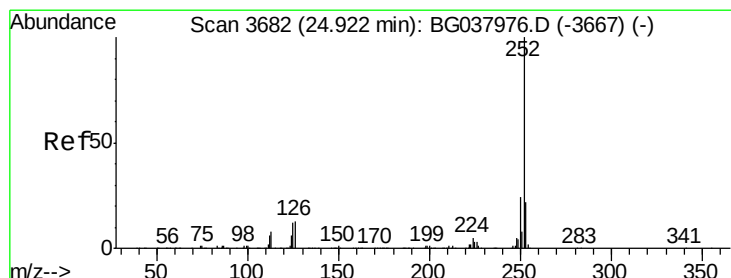
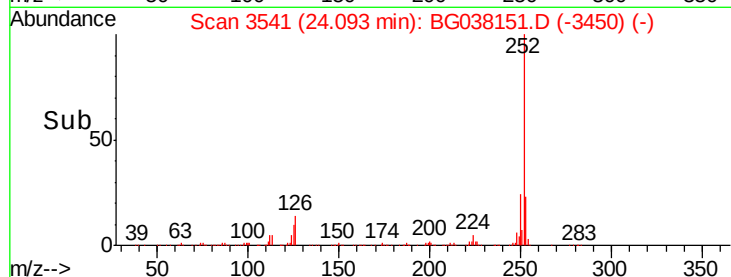
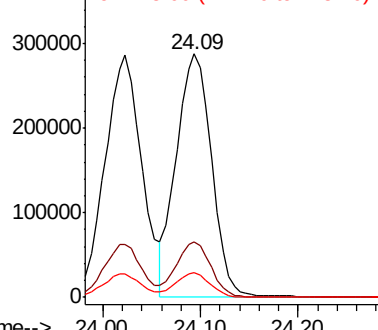


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 52.747 ng

RT: 24.93 min Scan# 3684

Delta R.T. 0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

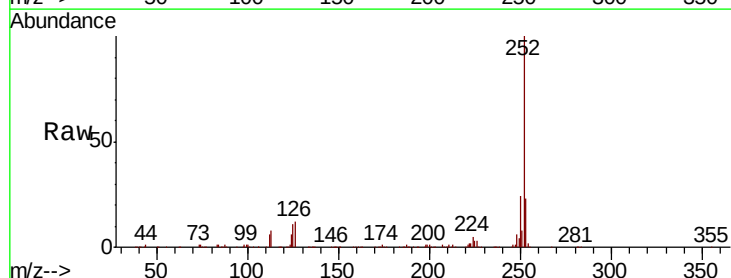
Tgt Ion:252 Resp: 729552

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

125 10.8 9.0 13.6

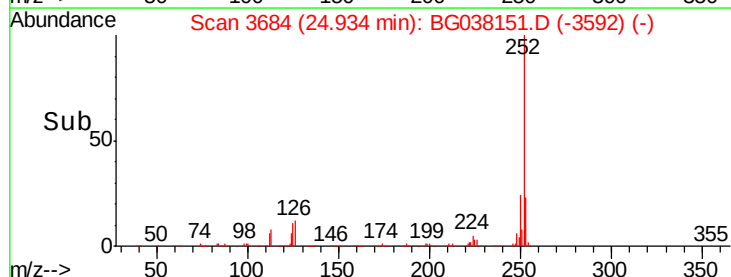
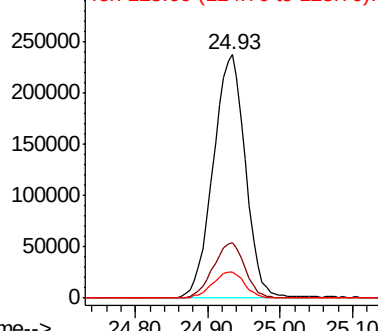


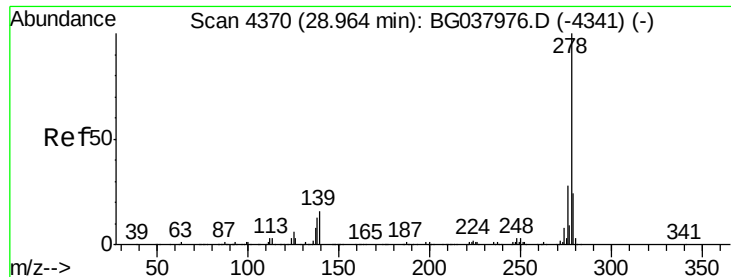
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.656 ng

RT: 28.97 min Scan# 4371

Delta R.T. 0.01 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

Instrument :

BNA_G

ClientSampleId :

PB115042BS

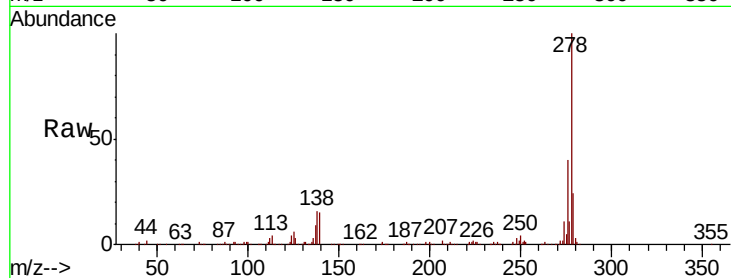
Tgt Ion:278 Resp: 660815

Ion Ratio Lower Upper

278 100

139 15.0 11.5 17.3

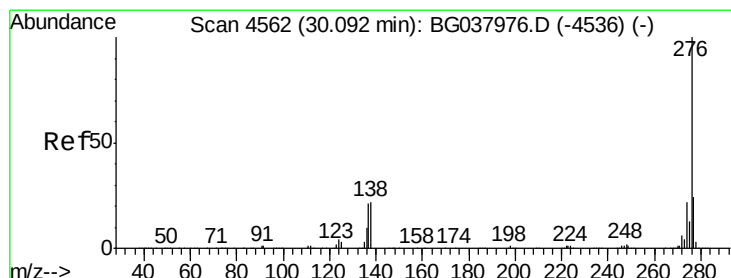
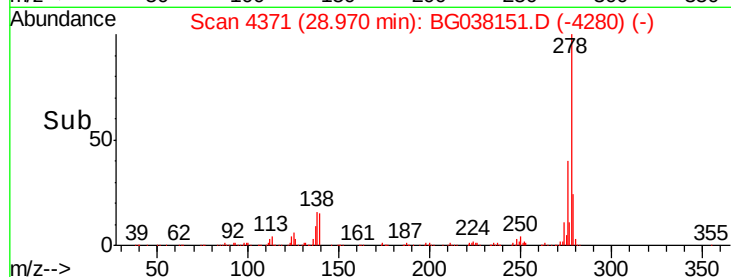
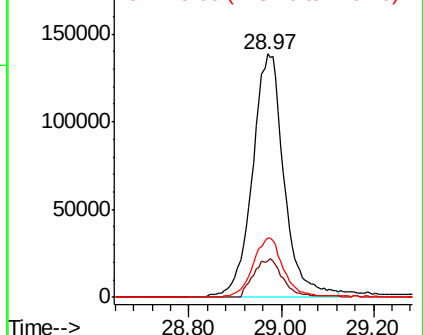
279 24.3 18.6 27.8



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: 51.184 ng

RT: 30.12 min Scan# 4566

Delta R.T. 0.02 min

Lab File: BG038151.D

Acq: 27 Nov 2018 1:20

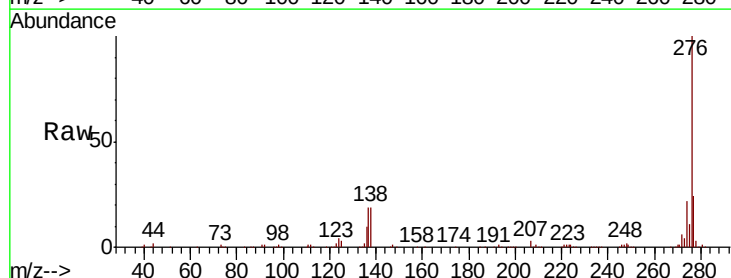
Tgt Ion:276 Resp: 677280

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 19.1 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

