

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112118\
 Data File : BG038122.D
 Acq On : 21 Nov 2018 18:16
 Operator : JU/SJ
 Sample : PB115013BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115013BS

Quant Time: Nov 22 01:21:43 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	40148	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	170753	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	106248	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	246842	20.00	ng	0.00
76) Chrysene-d12	21.75	240	225957	20.00	ng	0.00
87) Perylene-d12	25.07	264	241534	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	251412	108.12	ng	0.00
7) Phenol-d6	7.23	99	349792	105.38	ng	0.00
23) Nitrobenzene-d5	9.27	82	212353	66.57	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	115414	95.25	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	476552	65.34	ng	0.00
79) Terphenyl-d14	20.07	244	719878	74.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	30166	27.465	ng	97
3) Pyridine	3.92	79	86655	27.658	ng	94
4) n-Nitrosodimethylamine	3.84	42	43170	37.979	ng	98
6) Aniline	7.41	93	63004	14.707	ng	97
8) 2-Chlorophenol	7.64	128	101705	37.694	ng	99
9) Benzaldehyde	7.23	77	46406	19.333	ng	95
10) Phenol	7.26	94	133365	37.933	ng	99
11) bis(2-Chloroethyl)ether	7.50	93	93571	32.600	ng	97
12) 1,3-Dichlorobenzene	7.97	146	101096	32.524	ng	99
13) 1,4-Dichlorobenzene	8.12	146	102109	32.520	ng	99
14) 1,2-Dichlorobenzene	8.44	146	97060	32.378	ng	98
15) Benzyl Alcohol	8.33	79	87393	36.387	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.61	45	189616	35.577	ng	97
17) 2-Methylphenol	8.52	107	89336	37.584	ng	98
18) Hexachloroethane	9.17	117	37540	32.851	ng	99
19) n-Nitroso-di-n-propylamine	8.89	70	77928	32.447	ng	96
20) 3+4-Methylphenols	8.85	107	122620	36.390	ng	97
22) Acetophenone	8.91	105	148856	35.038	ng	# 98
24) Nitrobenzene	9.31	77	118140	36.205	ng	97
25) Isophorone	9.82	82	219730	38.271	ng	98
26) 2-Nitrophenol	10.01	139	54768	33.620	ng	95
27) 2,4-Dimethylphenol	10.06	122	104297	42.494	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	133478	36.357	ng	99
29) 2,4-Dichlorophenol	10.55	162	103801	37.599	ng	99
30) 1,2,4-Trichlorobenzene	10.76	180	104450	33.763	ng	95
31) Naphthalene	10.96	128	310335	36.951	ng	99
32) Benzoic acid	10.18	122	35966	29.243	ng	93
33) 4-Chloroaniline	11.07	127	45431	11.629	ng	98
34) Hexachlorobutadiene	11.22	225	61656	32.383	ng	97
35) Caprolactam	11.85	113	36672	33.186	ng	93
36) 4-Chloro-3-methylphenol	12.17	107	112604	37.334	ng	97
37) 2-Methylnaphthalene	12.56	142	228255	37.836	ng	99
38) 1-Methylnaphthalene	12.77	142	216535	37.289	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	117182	33.006	ng	98

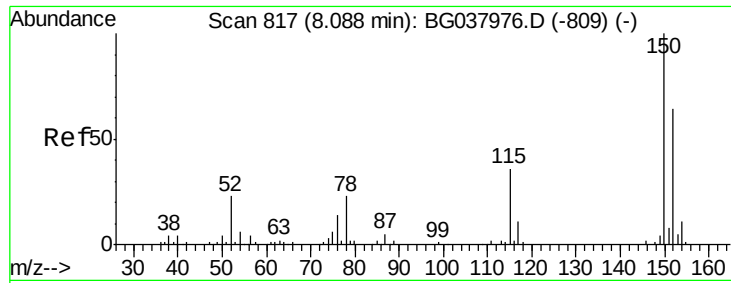
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112118\
 Data File : BG038122.D
 Acq On : 21 Nov 2018 18:16
 Operator : JU/SJ
 Sample : PB115013BS
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Instrument :
 BNA_G
 ClientSampleId :
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 Quant Title : 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	143406	75.433	ng	100
43) 2,4,6-Trichlorophenol	13.15	196	84013	34.726	ng	96
44) 2,4,5-Trichlorophenol	13.23	196	89989	35.351	ng	96
46) 1,1'-Biphenyl	13.55	154	290203	32.512	ng	100
47) 2-Chloronaphthalene	13.60	162	231856	34.040	ng	100
48) 2-Nitroaniline	13.81	65	80477	37.541	ng	95
49) Acenaphthylene	14.45	152	384433	37.532	ng	98
50) Dimethylphthalate	14.17	163	297212	35.285	ng	99
51) 2,6-Dinitrotoluene	14.30	165	67356	35.332	ng	95
52) Acenaphthene	14.79	154	221660	35.947	ng	96
53) 3-Nitroaniline	14.64	138	38845	18.466	ng	# 98
54) 2,4-Dinitrophenol	14.84	184	33722	38.256	ng	91
55) Dibenzofuran	15.12	168	357076	35.020	ng	98
56) 4-Nitrophenol	14.93	139	108123	66.643	ng	95
57) 2,4-Dinitrotoluene	15.08	165	96206	37.091	ng	98
58) Fluorene	15.77	166	284533	37.401	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	77436	36.354	ng	96
60) Diethylphthalate	15.52	149	309288	34.571	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	149838	33.660	ng	100
62) 4-Nitroaniline	15.80	138	73465	35.155	ng	98
63) Azobenzene	16.05	77	291459	36.436	ng	98
65) 4,6-Dinitro-2-methylphenol	15.84	198	39895	25.553	ng	91
66) n-Nitrosodiphenylamine	15.97	169	260314	34.859	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	91445	33.752	ng	97
68) Hexachlorobenzene	16.76	284	94175	33.675	ng	96
69) Atrazine	16.91	200	96337	34.996	ng	98
70) Pentachlorophenol	17.11	266	96349	50.728	ng	96
71) Phenanthrene	17.51	178	476309	37.689	ng	99
72) Anthracene	17.60	178	485374	38.962	ng	99
73) Carbazole	17.87	167	442264	35.385	ng	98
74) Di-n-butylphthalate	18.41	149	532156	37.929	ng	100
75) Fluoranthene	19.52	202	558702	38.748	ng	100
77) Benzidine	19.70	184	156344	19.719	ng	99
78) Pyrene	19.88	202	564931	38.240	ng	97
80) Butylbenzylphthalate	20.75	149	243567	37.701	ng	97
81) Benzo(a)anthracene	21.73	228	537069	39.332	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	105489	19.832	ng	98
83) Chrysene	21.80	228	491529	37.623	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	343414	37.273	ng	100
85) Di-n-octyl phthalate	22.84	149	590462	39.614	ng	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	547425	37.727	ng	99
88) Benzo(b)fluoranthene	24.01	252	512146	38.531	ng	99
89) Benzo(k)fluoranthene	24.08	252	517309	39.442	ng	100
90) Benzo(a)pyrene	24.92	252	511563	40.272	ng	99
91) Dibenzo(a,h)anthracene	28.95	278	446516	36.533	ng	99
92) Benzo(g,h,i)perylene	30.08	276	440037	36.209	ng	99

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

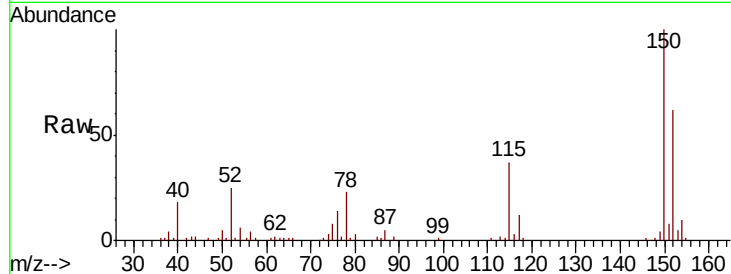


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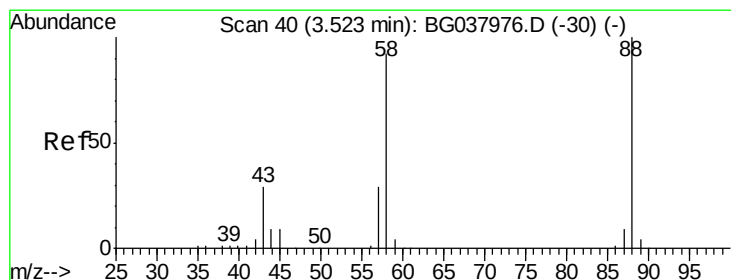
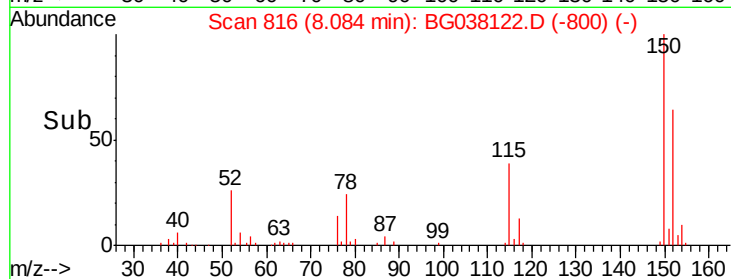
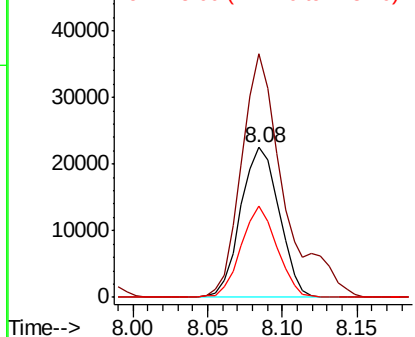
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB115013BS

Tgt Ion:152 Resp: 40148
Ion Ratio Lower Upper
152 100
150 162.4 126.0 189.0
115 60.8 45.5 68.3



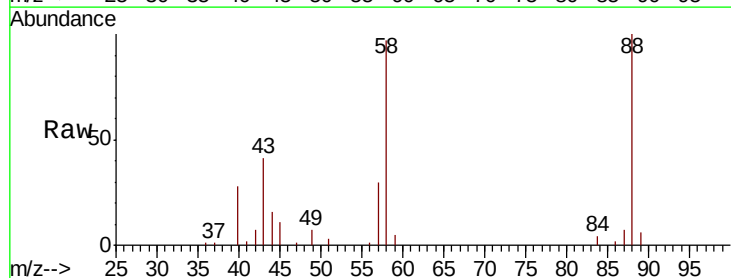
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



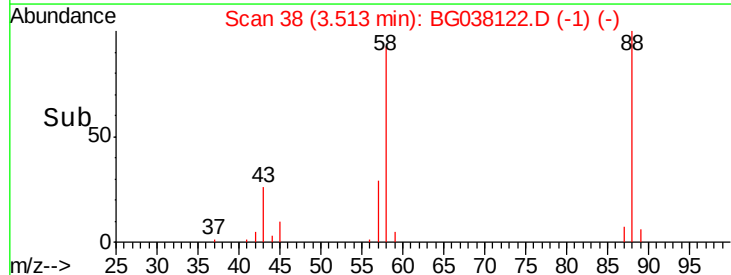
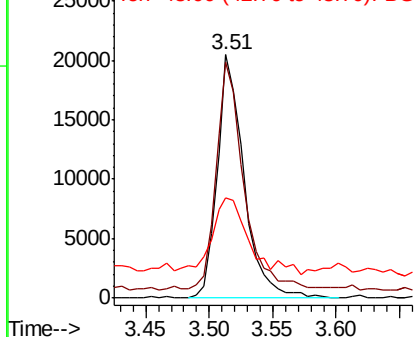
#2

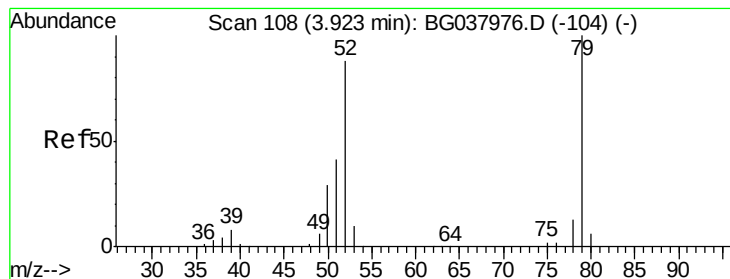
1,4-Dioxane
Concen: 27.465 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

Tgt Ion: 88 Resp: 30166
Ion Ratio Lower Upper
88 100
58 94.8 74.4 111.6
43 34.8 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: 27.658 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

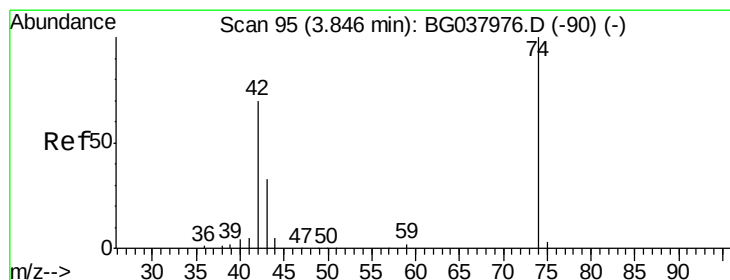
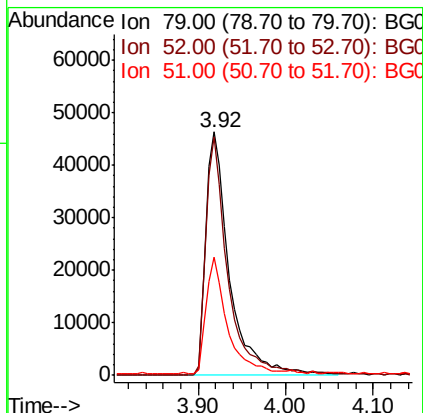
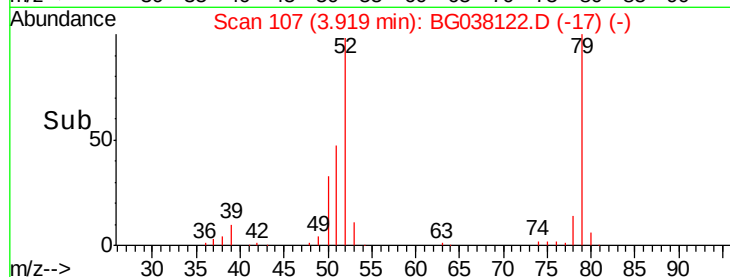
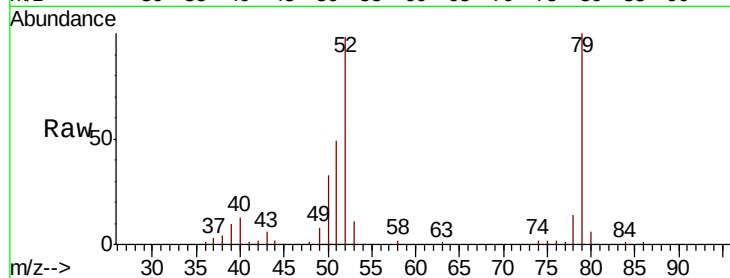
Tgt Ion: 79 Resp: 86655

Ion Ratio Lower Upper

79 100

52 97.7 74.2 111.2

51 48.6 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 37.979 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

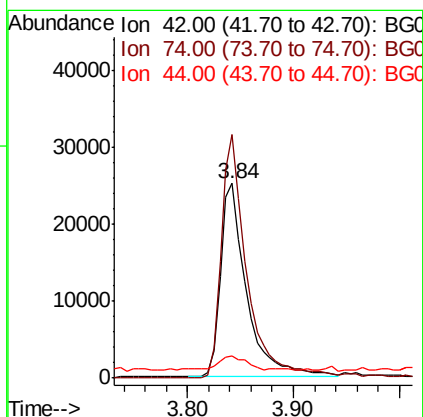
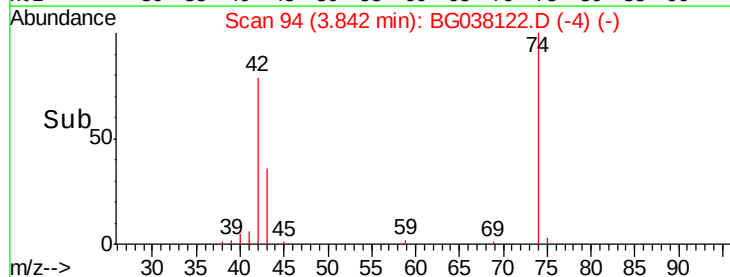
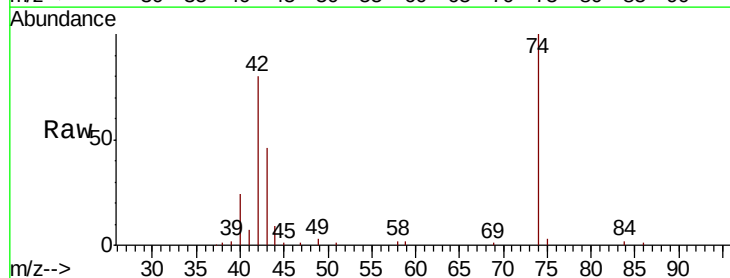
Tgt Ion: 42 Resp: 43170

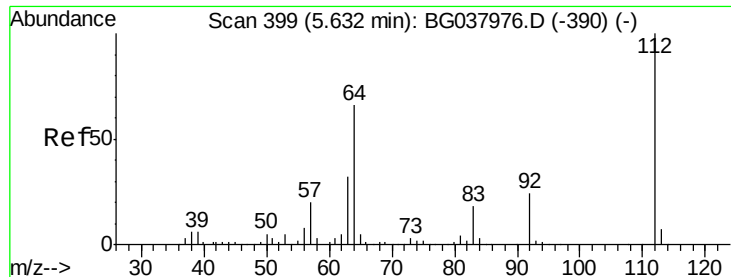
Ion Ratio Lower Upper

42 100

74 125.0 102.0 153.0

44 11.4 9.6 14.4





#5

2-Fluorophenol

Concen: 108.120 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

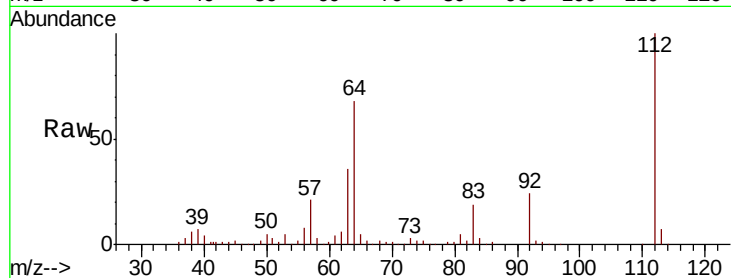
Tgt Ion: 112 Resp: 251412

Ion Ratio Lower Upper

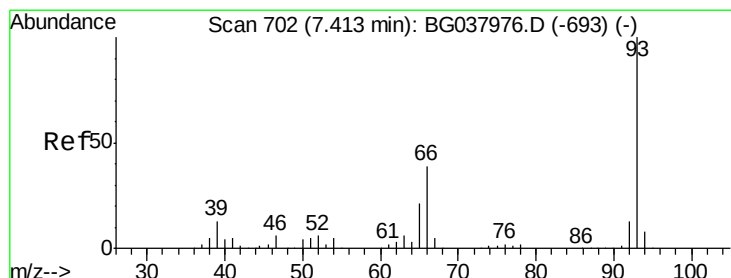
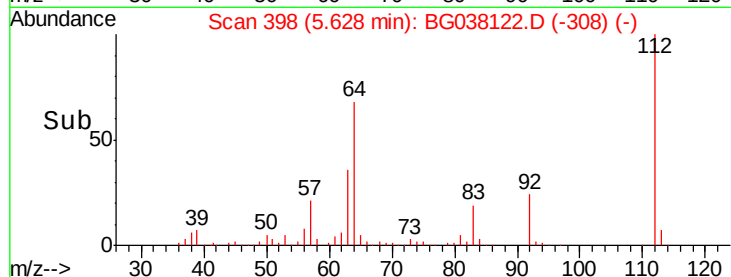
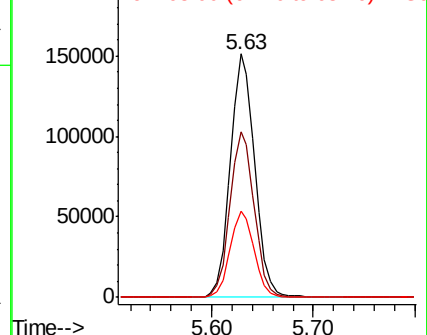
112 100

64 67.9 53.1 79.7

63 35.6 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: 14.707 ng

RT: 7.41 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

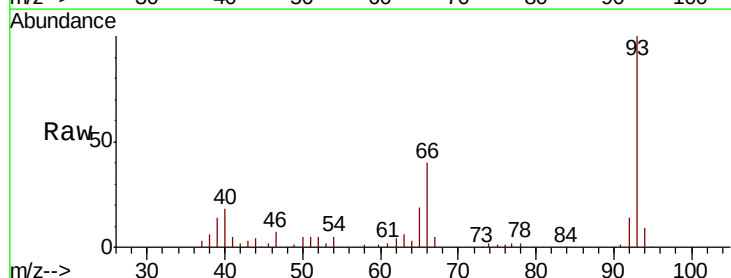
Tgt Ion: 93 Resp: 63004

Ion Ratio Lower Upper

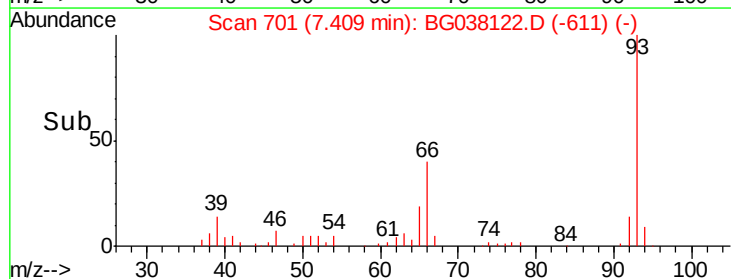
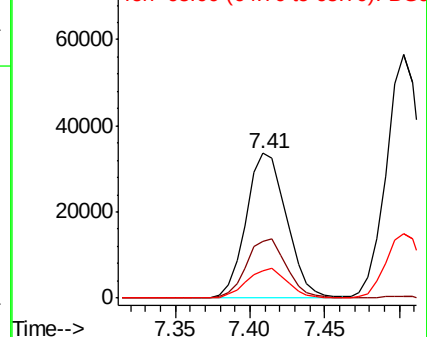
93 100

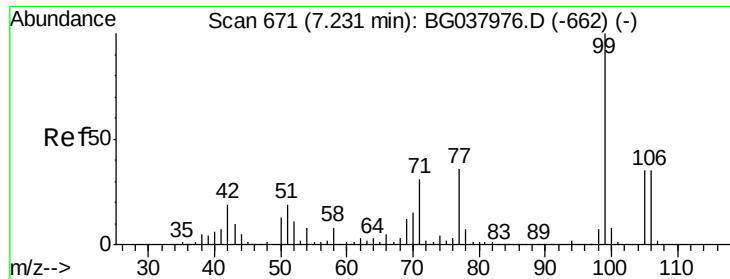
66 39.5 32.8 49.2

65 19.1 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: 105.383 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

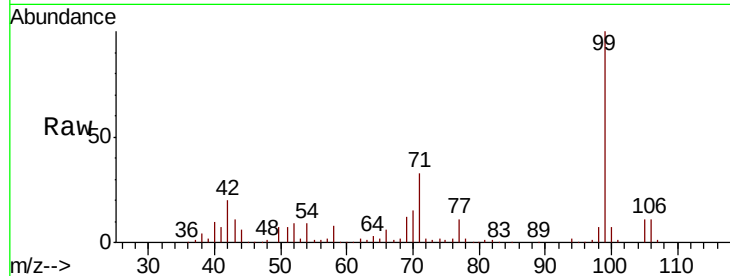
Tgt Ion: 99 Resp: 349792

Ion Ratio Lower Upper

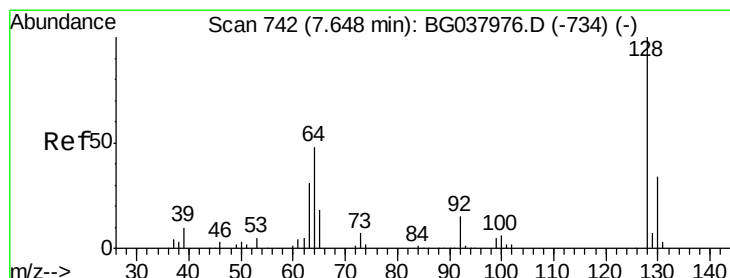
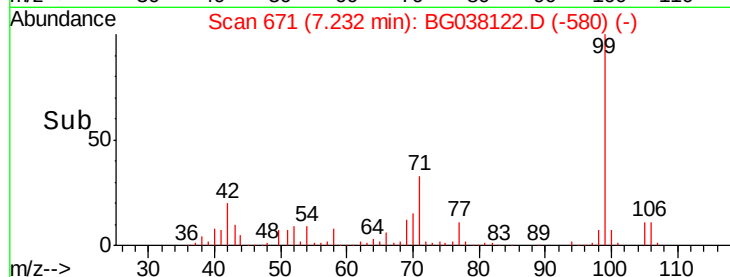
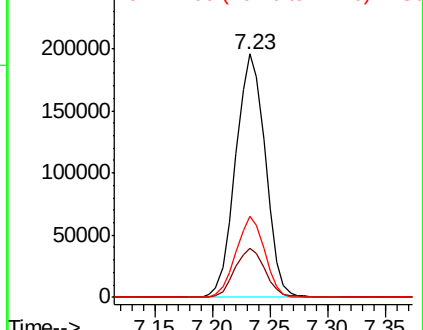
99 100

42 20.0 15.0 22.4

71 33.3 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: 37.694 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

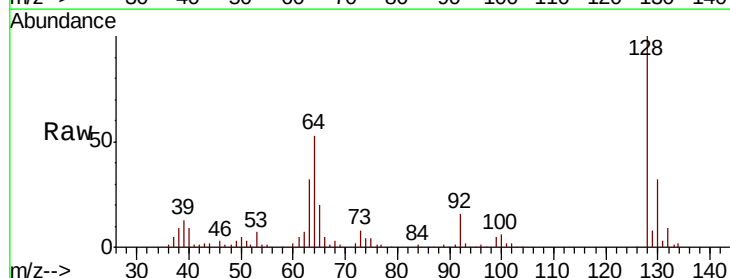
Tgt Ion: 128 Resp: 101705

Ion Ratio Lower Upper

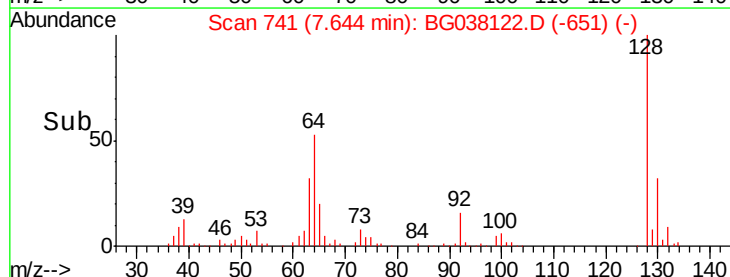
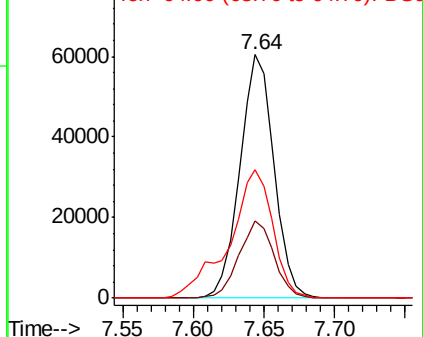
128 100

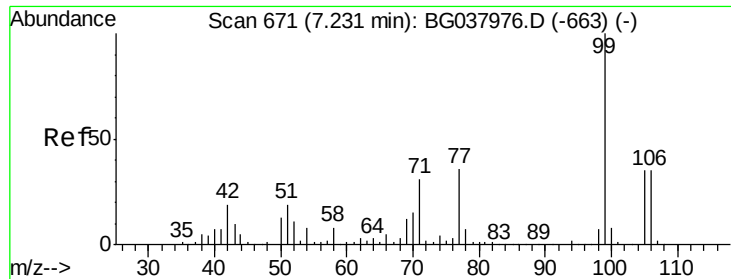
130 31.6 12.0 52.0

64 52.6 32.9 72.9



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





#9

Benzaldehyde

Concen: 19.333 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

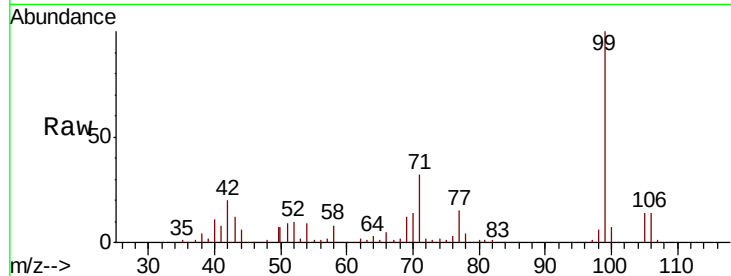
Tgt Ion: 77 Resp: 46406

Ion Ratio Lower Upper

77 100

105 96.7 72.6 112.6

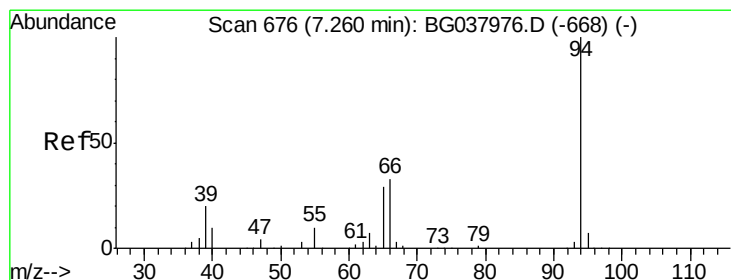
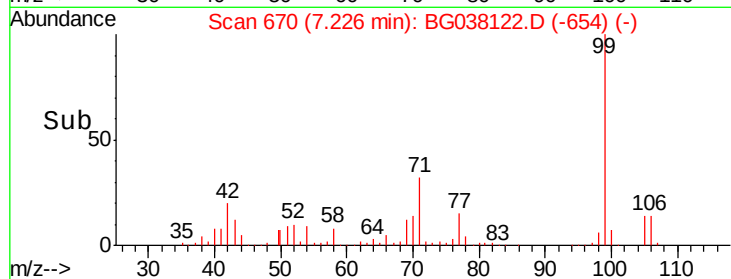
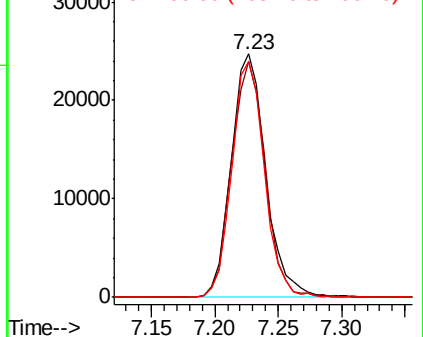
106 96.8 71.3 111.3



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: 37.933 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

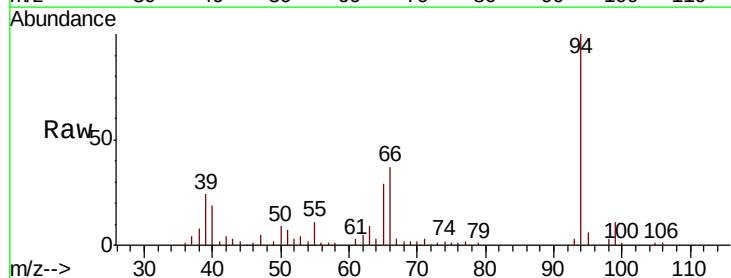
Tgt Ion: 94 Resp: 133365

Ion Ratio Lower Upper

94 100

65 29.1 9.7 49.7

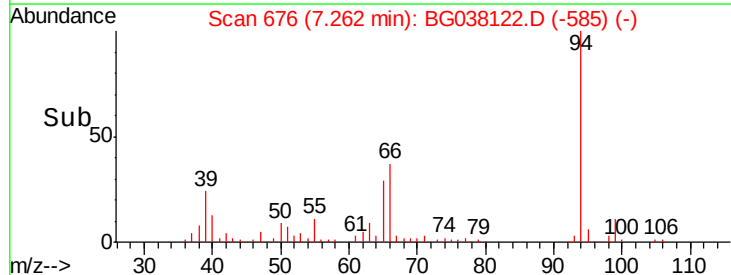
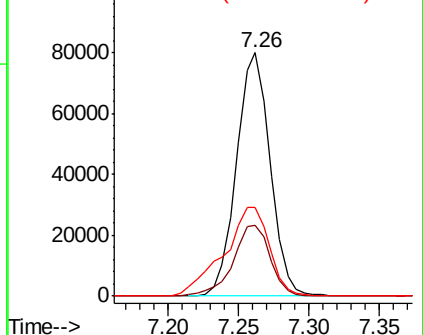
66 36.7 15.9 55.9

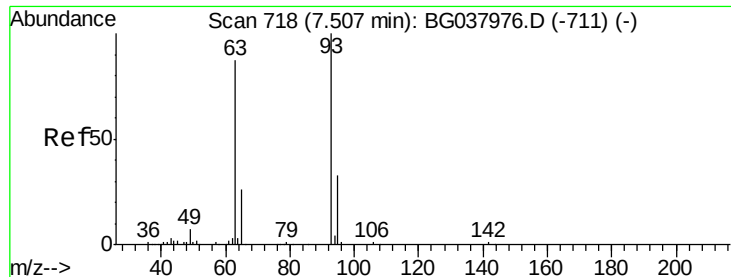


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 32.600 ng

RT: 7.50 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

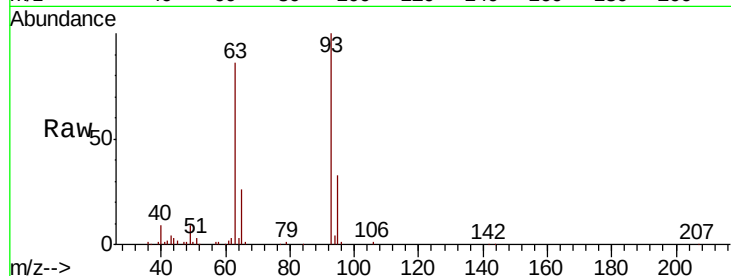
Tgt Ion: 93 Resp: 93571

Ion Ratio Lower Upper

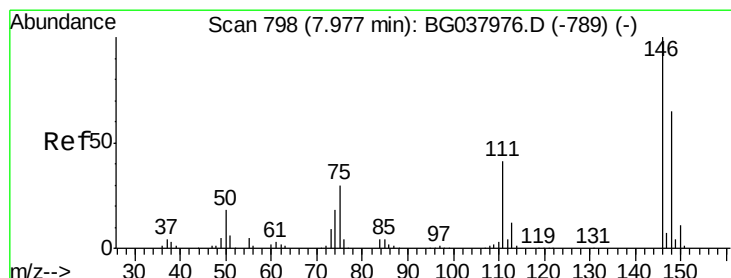
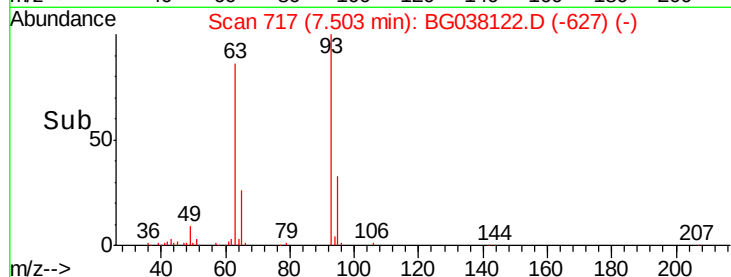
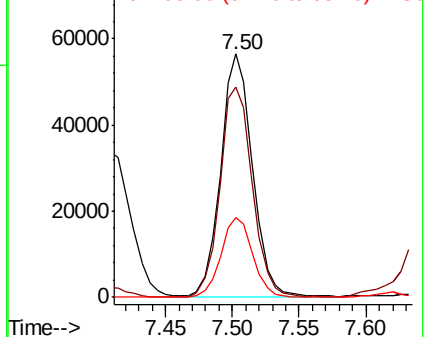
93 100

63 86.2 69.5 109.5

95 32.8 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 32.524 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

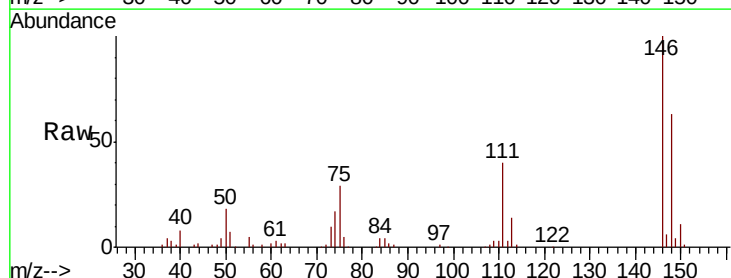
Tgt Ion: 146 Resp: 101096

Ion Ratio Lower Upper

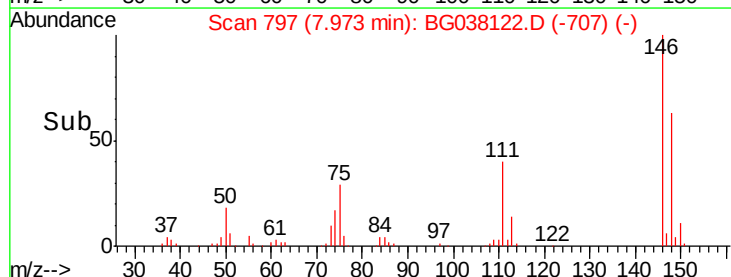
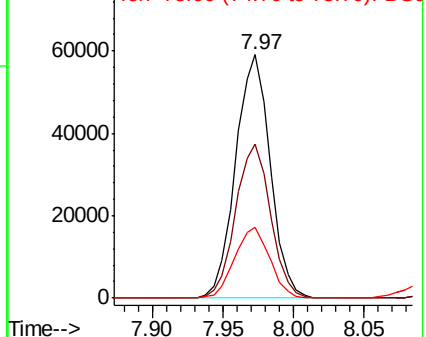
146 100

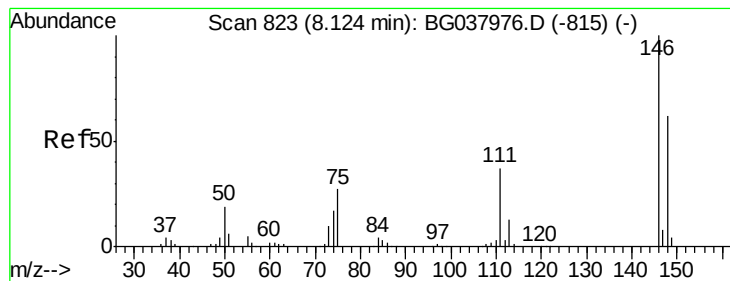
148 63.1 49.8 74.8

75 29.1 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

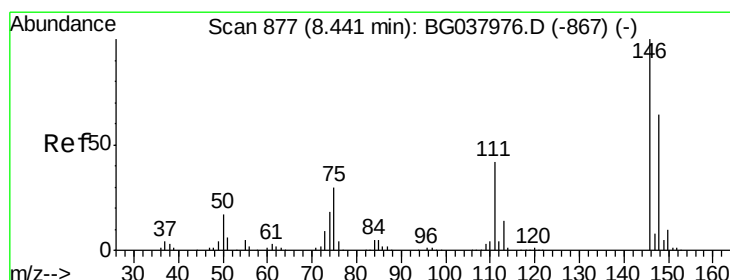
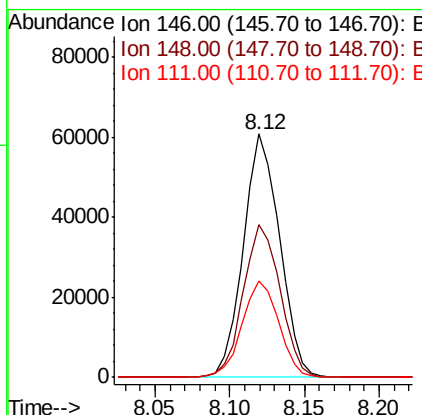
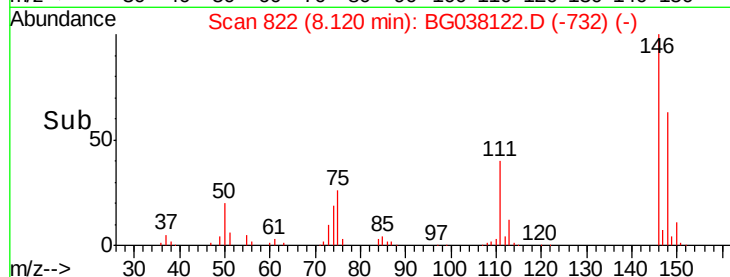
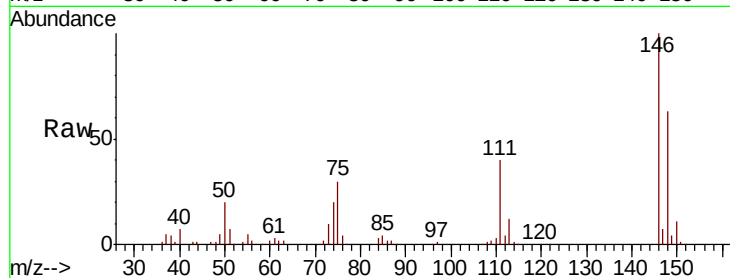




#13
 1,4-Dichlorobenzene
 Concen: 32.520 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG038122.D
 Acq: 21 Nov 2018 18:16

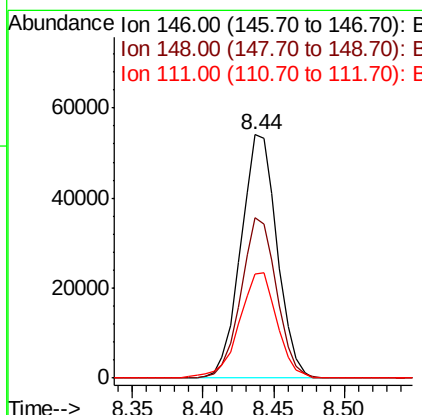
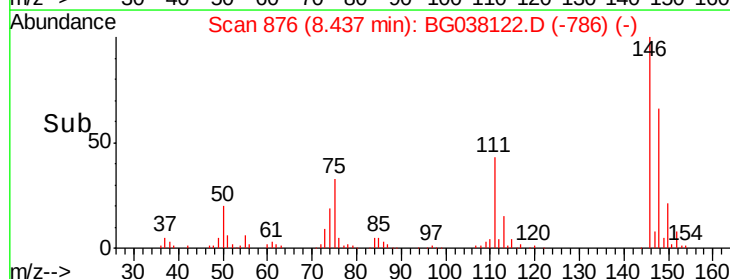
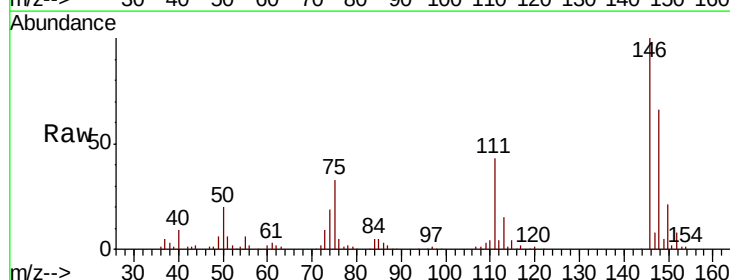
Instrument :
 BNA_G
 ClientSampleId :
 PB115013BS

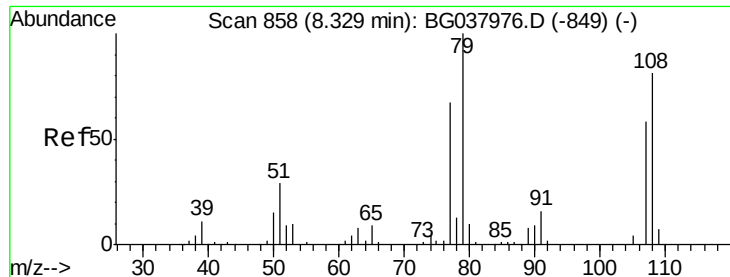
Tgt Ion:146 Resp: 102109
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.0 76.6
 111 39.8 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 32.378 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG038122.D
 Acq: 21 Nov 2018 18:16

Tgt Ion:146 Resp: 97060
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.4 75.6
 111 42.9 34.6 51.8





#15

Benzyl Alcohol

Concen: 36.387 ng

RT: 8.33 min Scan# 857

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

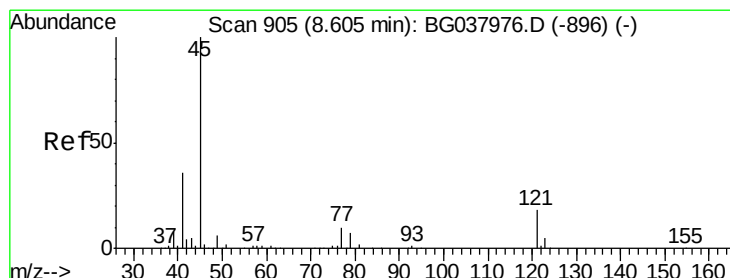
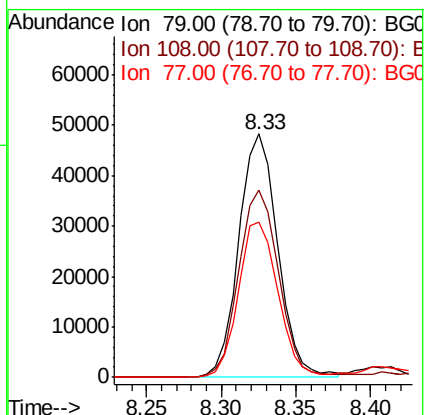
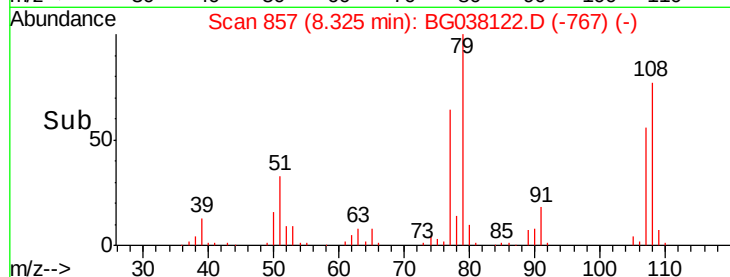
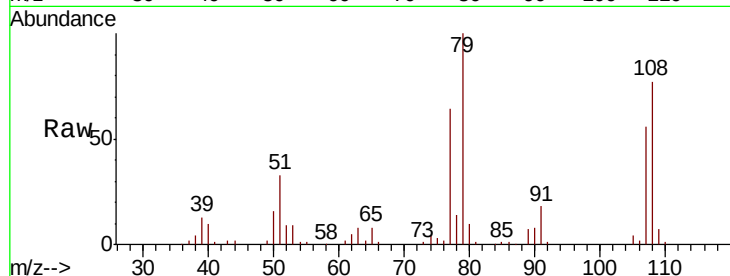
Tgt Ion: 79 Resp: 87393

Ion Ratio Lower Upper

79 100

108 77.1 65.8 98.8

77 63.7 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.577 ng

RT: 8.61 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

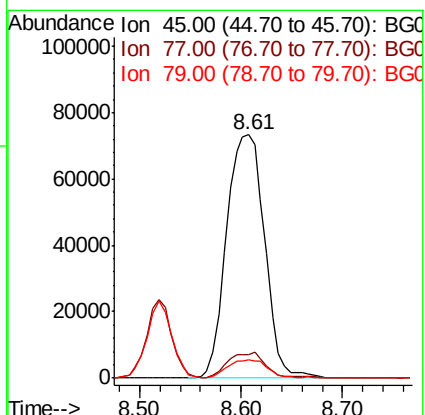
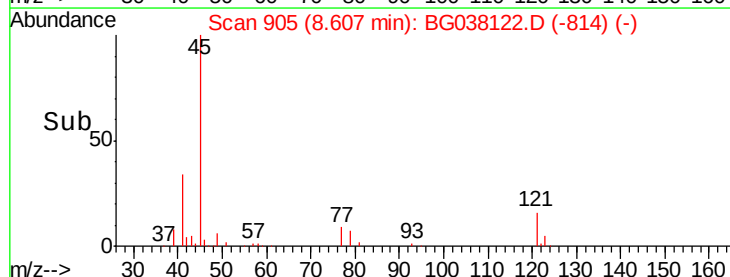
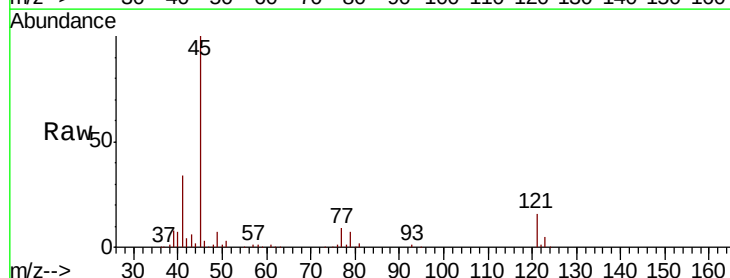
Tgt Ion: 45 Resp: 189616

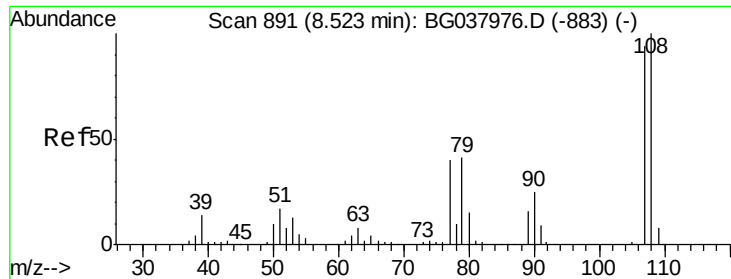
Ion Ratio Lower Upper

45 100

77 9.4 0.0 30.0

79 7.4 0.0 29.0

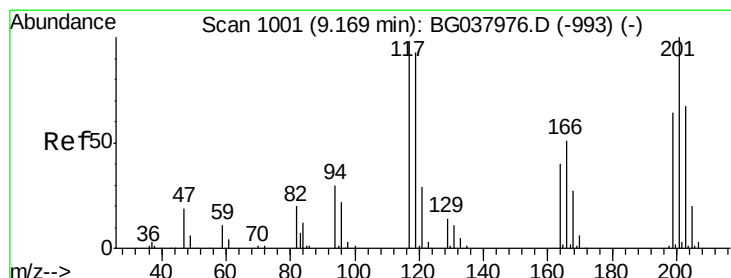
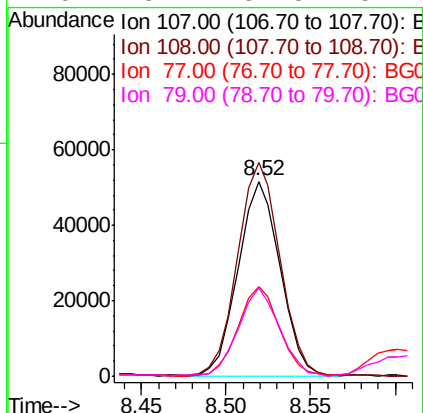
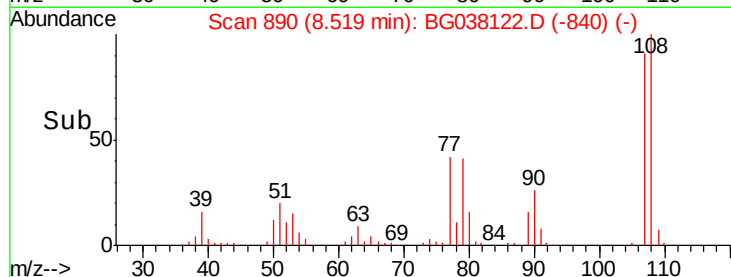
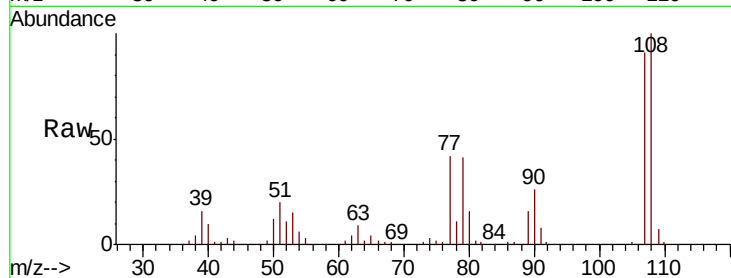




#17
2-Methylphenol
Concen: 37.584 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

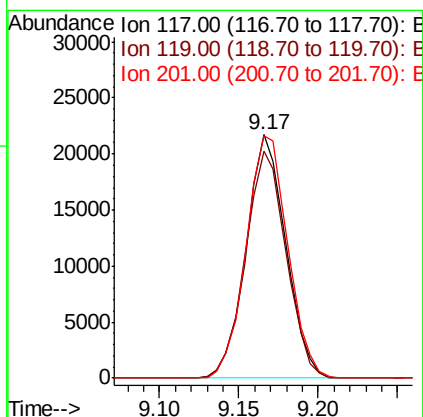
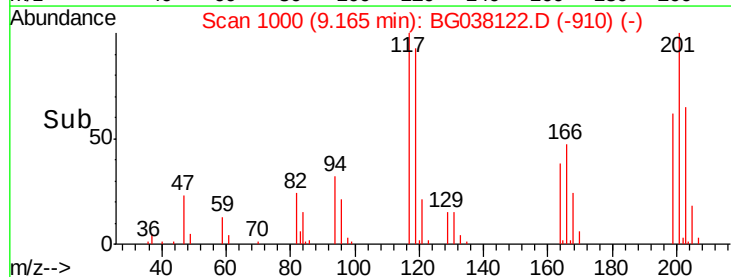
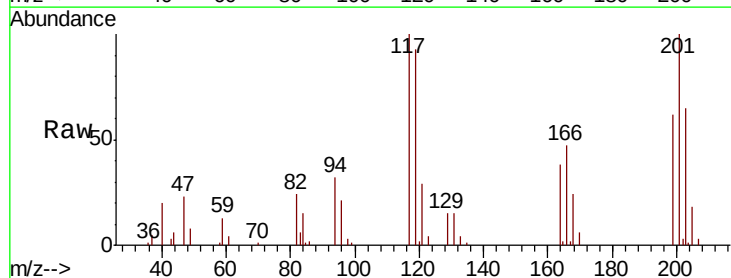
Instrument :
BNA_G
ClientSampleId :
PB115013BS

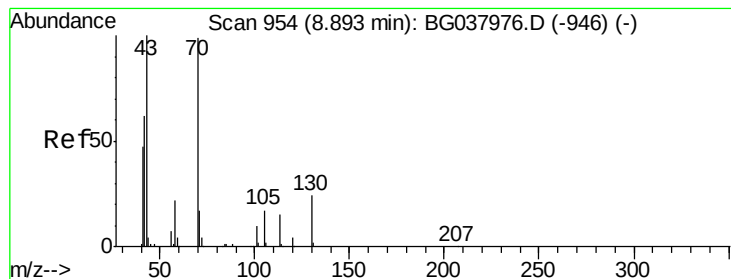
Tgt Ion:	107	Resp:	89336
Ion	Ratio	Lower	Upper
107	100		
108	109.5	87.9	131.9
77	46.0	35.1	52.7
79	45.1	34.5	51.7



#18
Hexachloroethane
Concen: 32.851 ng
RT: 9.17 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

Tgt Ion:	117	Resp:	37540
Ion	Ratio	Lower	Upper
117	100		
119	93.3	74.6	111.8
201	99.7	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 32.447 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

Tgt Ion: 70 Resp: 77928

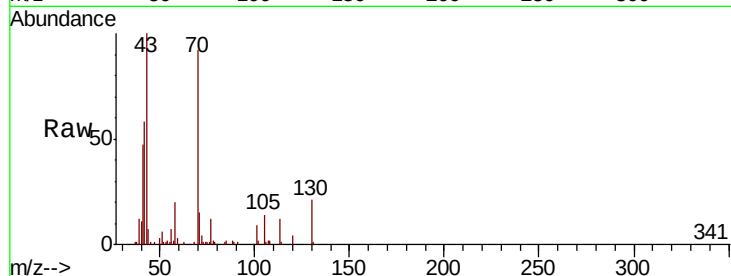
Ion Ratio Lower Upper

70 100

42 63.4 53.9 80.9

101 9.8 8.2 12.2

130 22.7 18.2 27.4

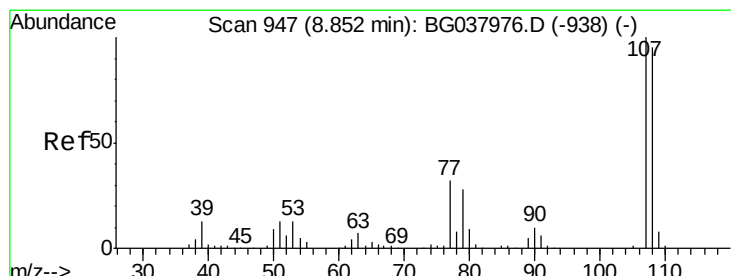
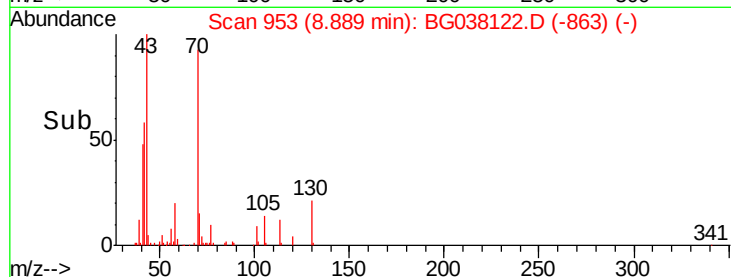
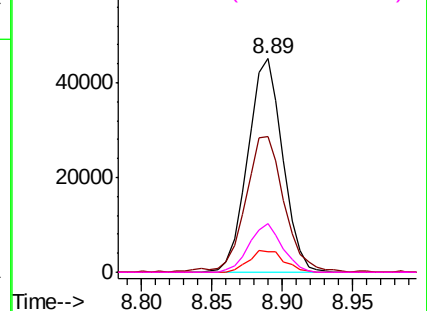


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 36.390 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Tgt Ion: 107 Resp: 122620

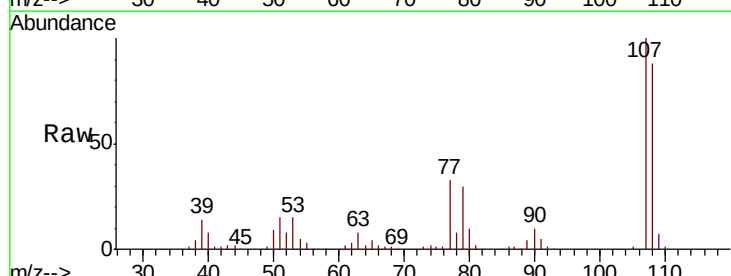
Ion Ratio Lower Upper

107 100

108 87.7 69.9 109.9

77 32.7 11.2 51.2

79 29.7 6.6 46.6

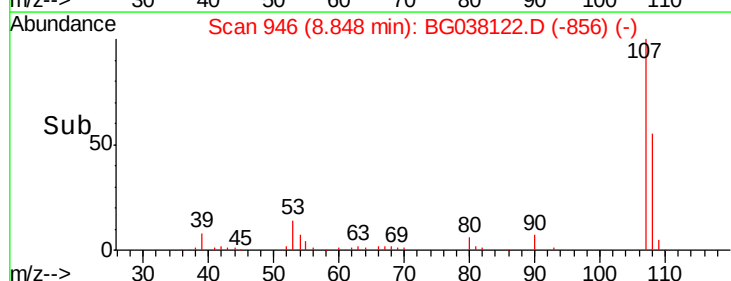
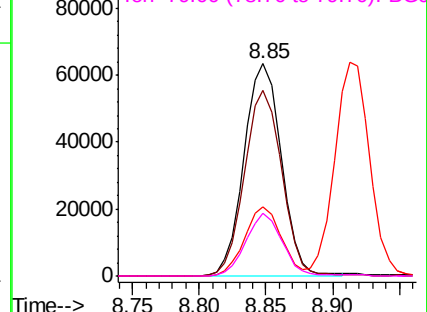


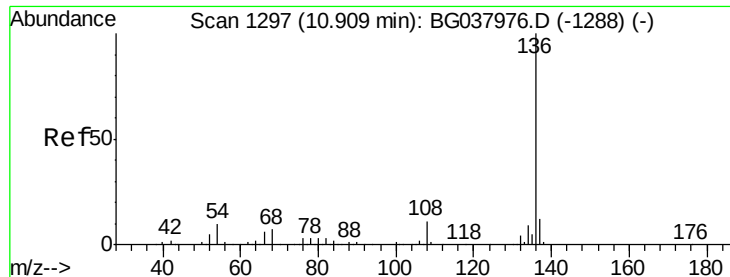
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

Tgt Ion:136 Resp: 170753

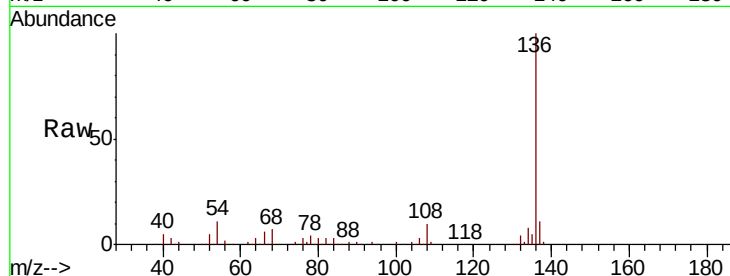
Ion Ratio Lower Upper

136 100

137 10.8 9.6 14.4

54 11.4 7.9 11.9

68 6.6 4.8 7.2

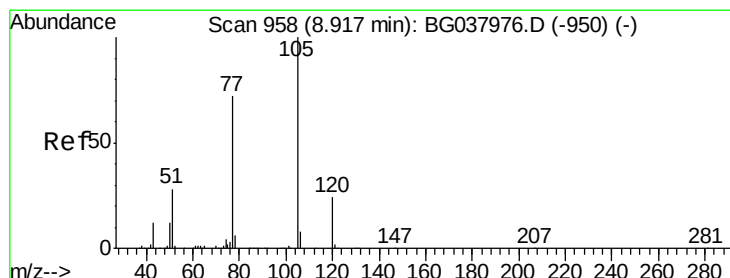
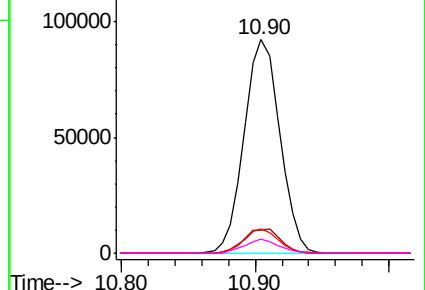
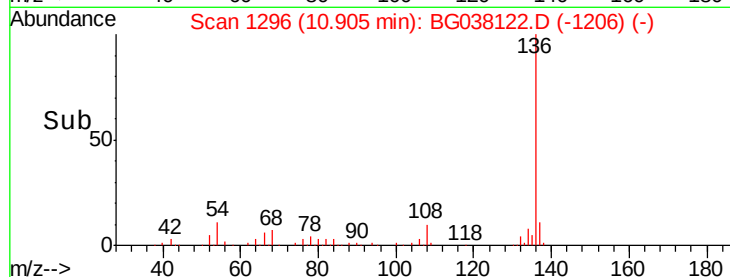


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.038 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Tgt Ion:105 Resp: 148856

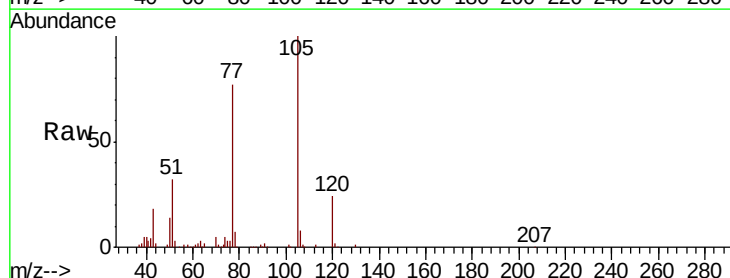
Ion Ratio Lower Upper

105 100

71 0.9 1.2 1.8#

51 32.5 25.0 37.6

120 24.3 18.6 28.0

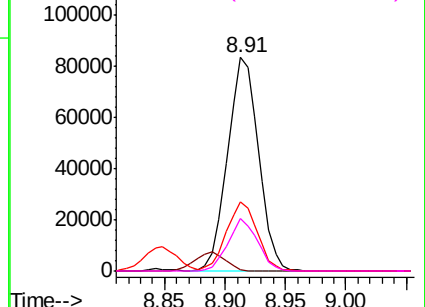
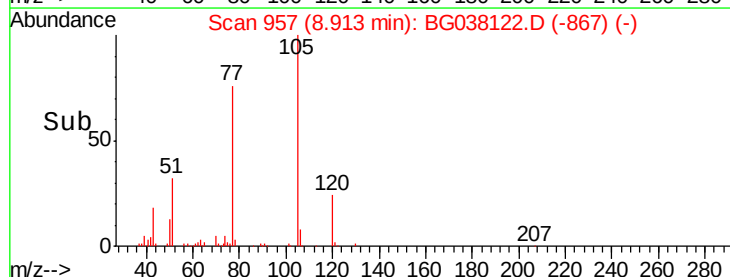


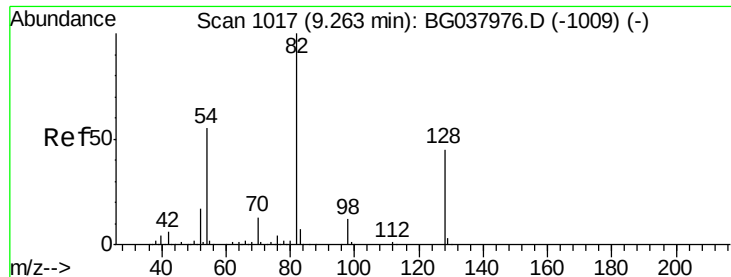
Abundance Ion 105.00 (104.70 to 105.70): E

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

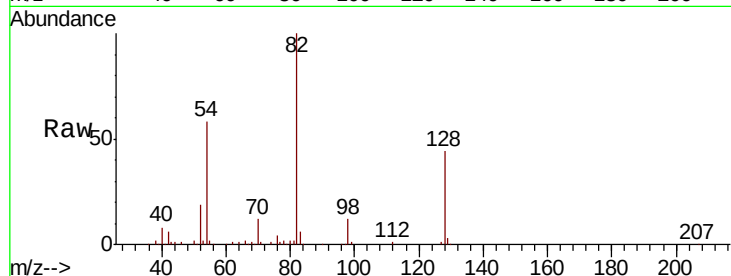




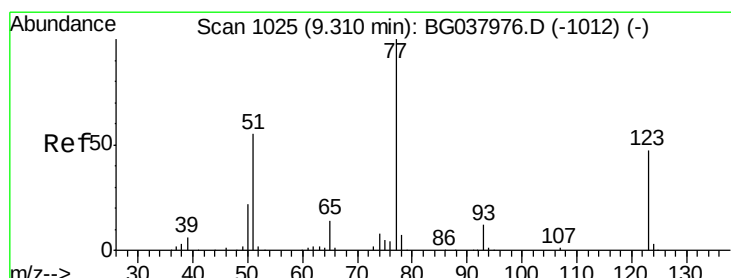
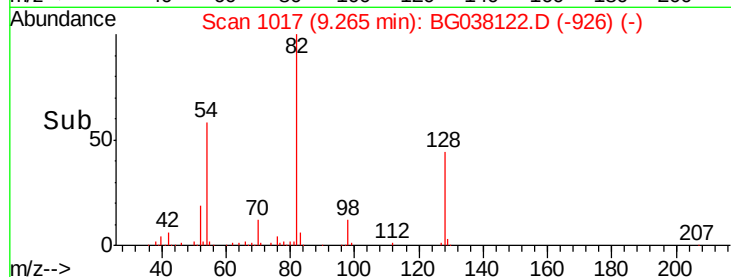
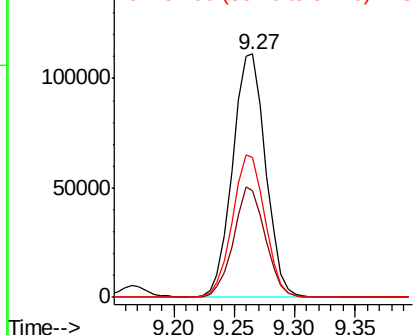
#23
 Nitrobenzene-d5
 Concen: 66.572 ng
 RT: 9.27 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG038122.D
 Acq: 21 Nov 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB115013BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.6	51.8
54	57.6	45.3	67.9

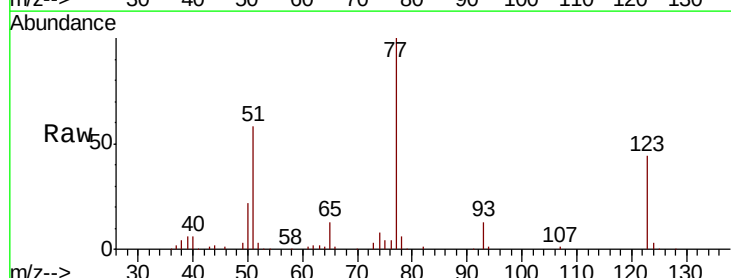


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

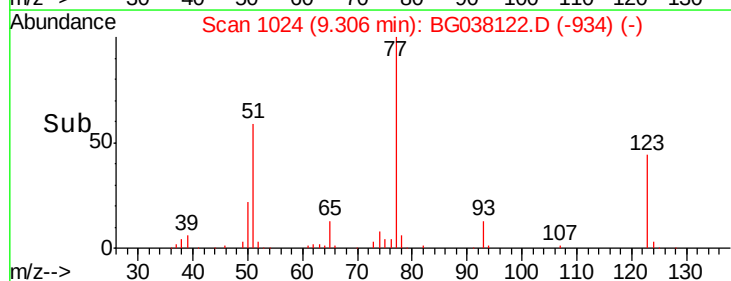
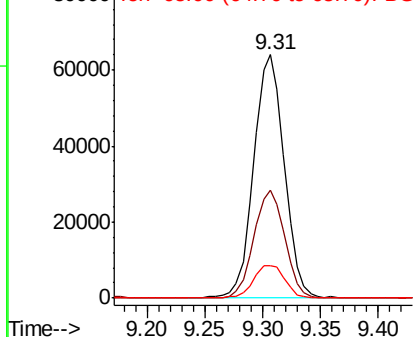


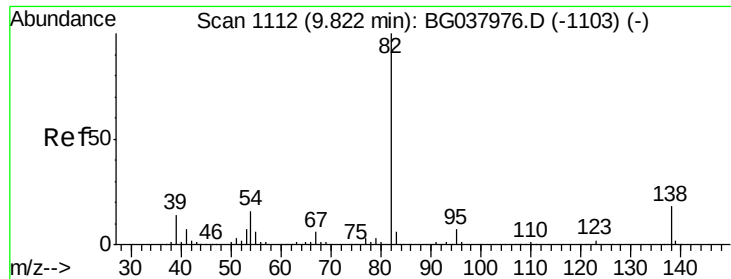
#24
 Nitrobenzene
 Concen: 36.205 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BG038122.D
 Acq: 21 Nov 2018 18:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	33.6	50.4
65	13.4	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: 38.271 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

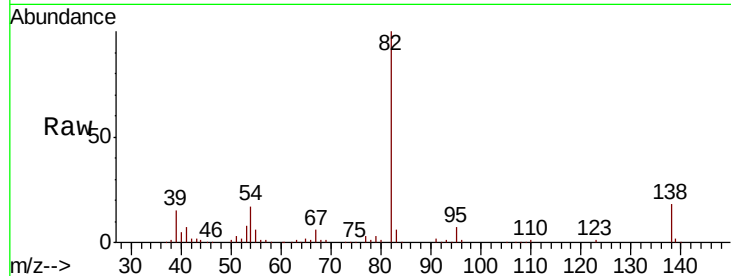
Tgt Ion: 82 Resp: 219730

Ion Ratio Lower Upper

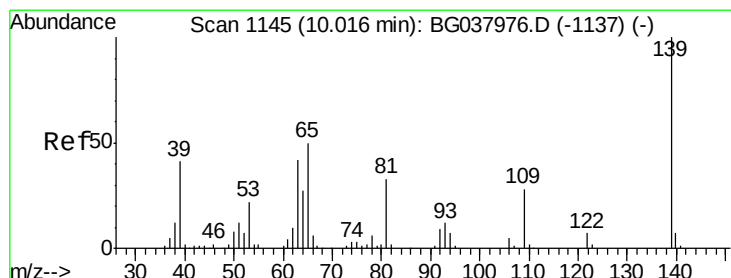
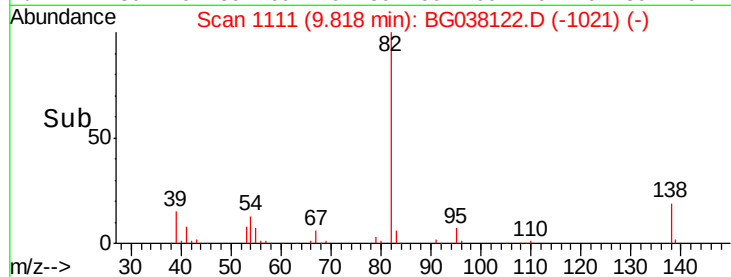
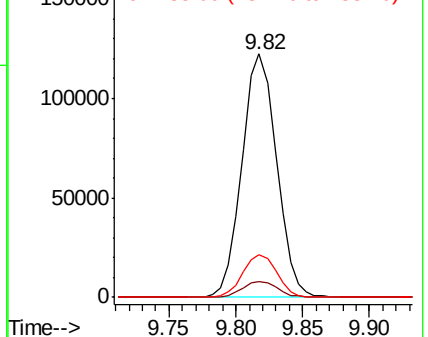
82 100

95 6.6 5.3 7.9

138 17.7 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 33.620 ng

RT: 10.01 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

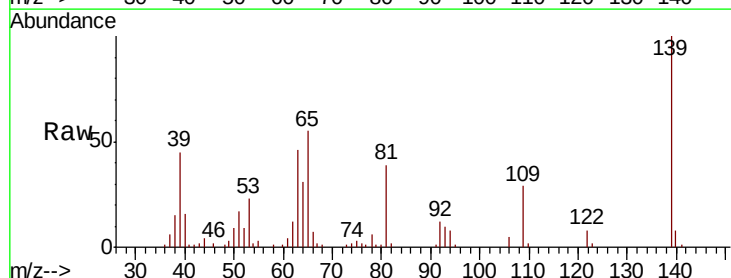
Tgt Ion: 139 Resp: 54768

Ion Ratio Lower Upper

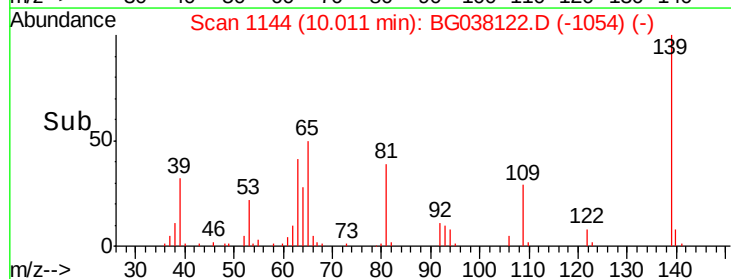
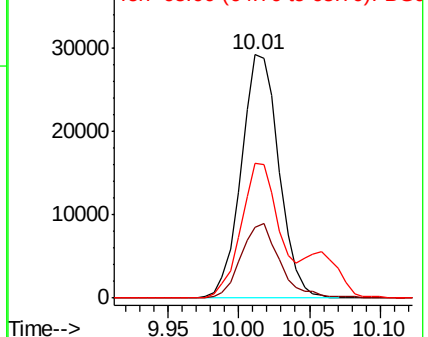
139 100

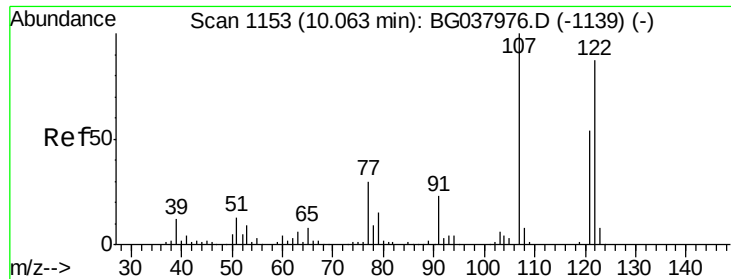
109 29.3 23.3 34.9

65 55.3 39.8 59.8



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

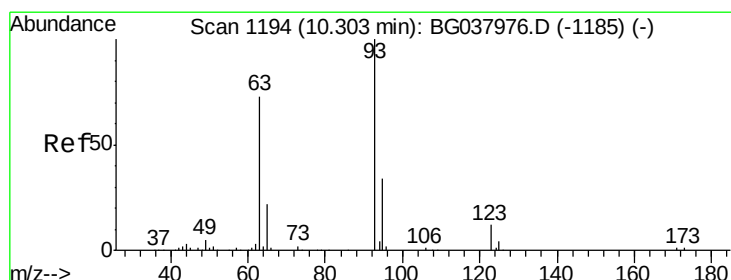
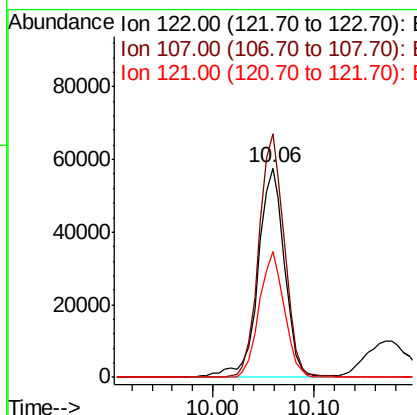
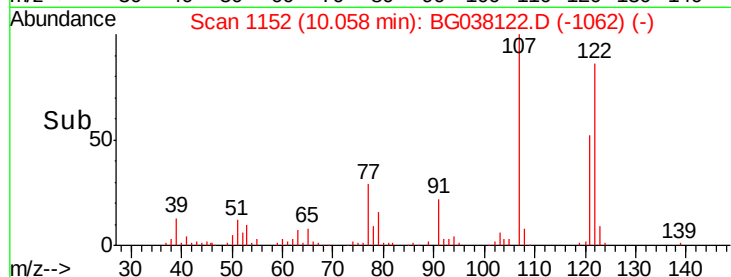
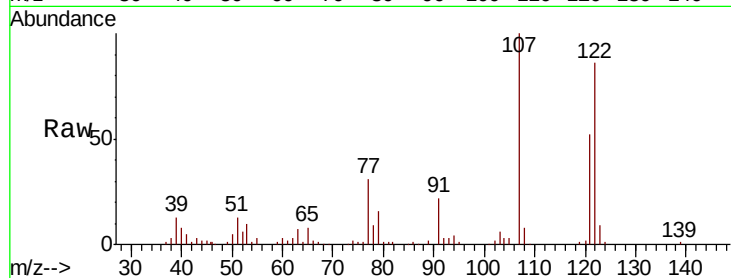




#27
 2,4-Dimethylphenol
 Concen: 42.494 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG038122.D
 Acq: 21 Nov 2018 18:16

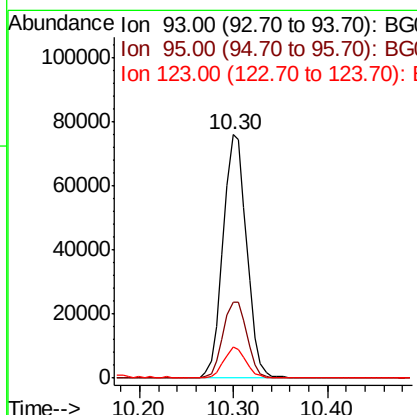
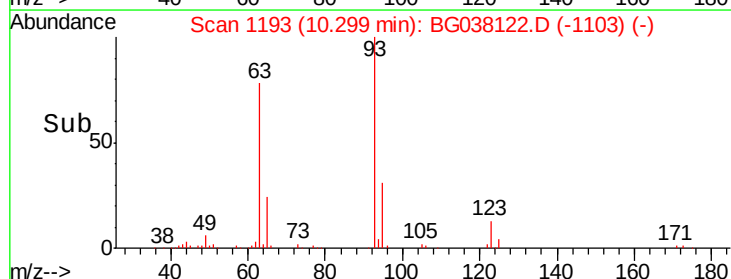
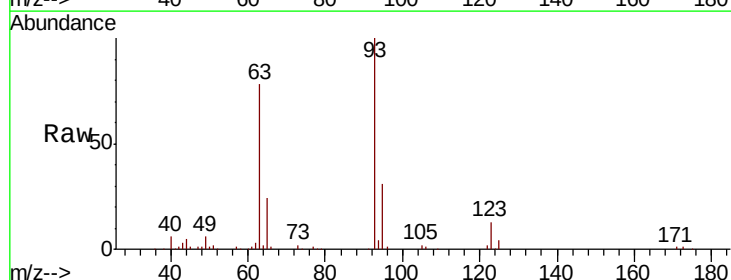
Instrument :
 BNA_G
 ClientSampleId :
 PB115013BS

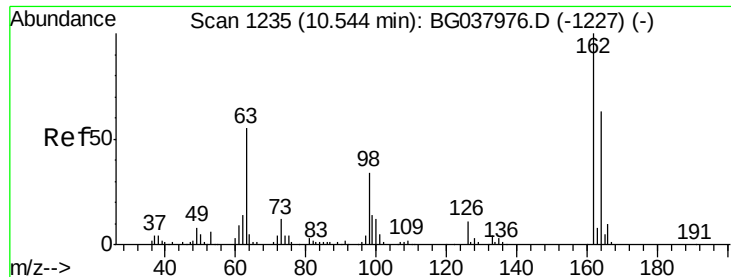
Tgt Ion:122 Resp: 104297
 Ion Ratio Lower Upper
 122 100
 107 116.5 94.2 141.2
 121 60.4 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.357 ng
 RT: 10.30 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BG038122.D
 Acq: 21 Nov 2018 18:16

Tgt Ion: 93 Resp: 133478
 Ion Ratio Lower Upper
 93 100
 95 31.1 24.6 37.0
 123 12.6 9.1 13.7

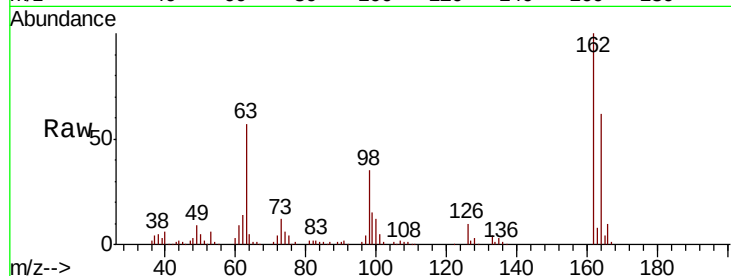




#29
 2,4-Dichlorophenol
 Concen: 37.599 ng
 RT: 10.55 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG038122.D
 Acq: 21 Nov 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB115013BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.1	43.2	83.2
98	35.4	16.0	56.0

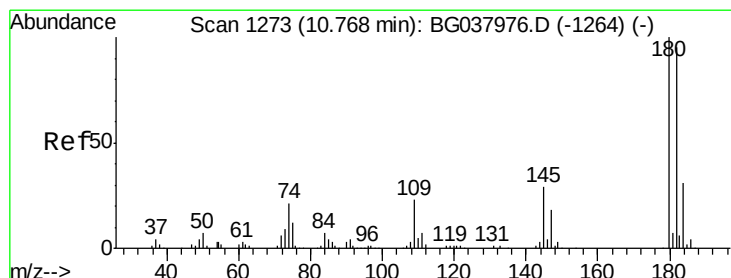
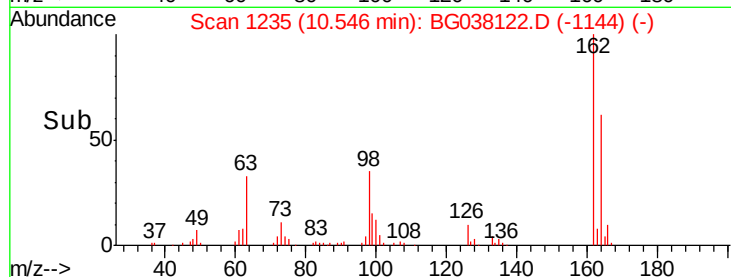
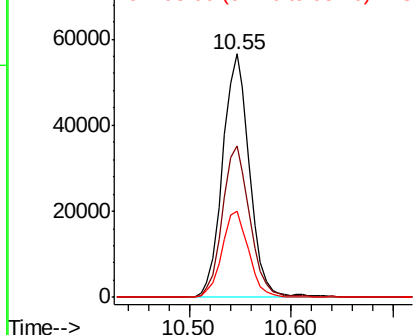


Abundance

Ion 162.00 (161.70 to 162.70): E

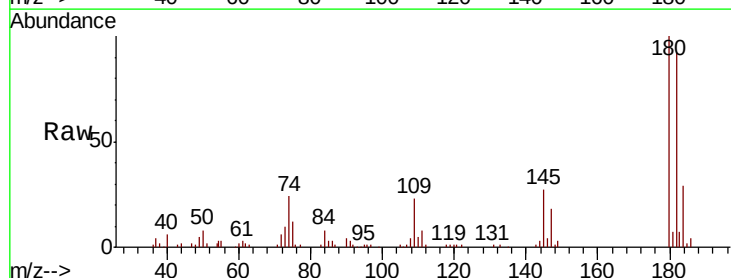
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 33.763 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BG038122.D
 Acq: 21 Nov 2018 18:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	77.7	116.5
145	26.7	23.3	34.9

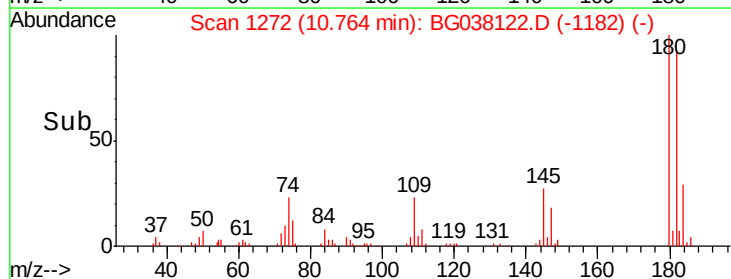
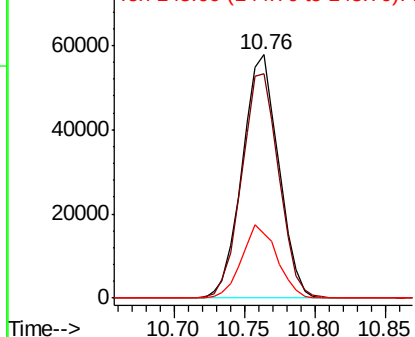


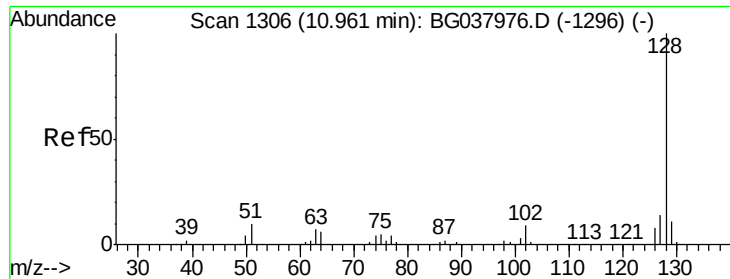
Abundance

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

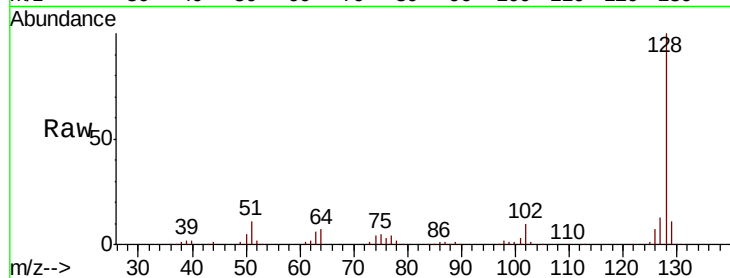




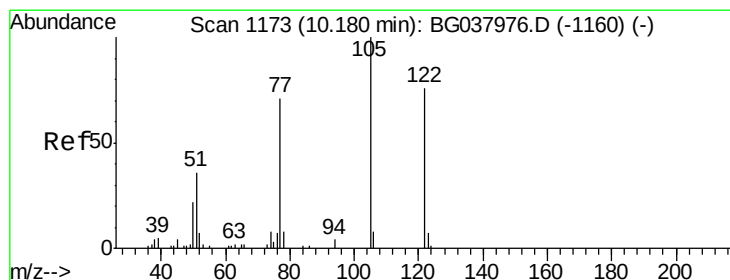
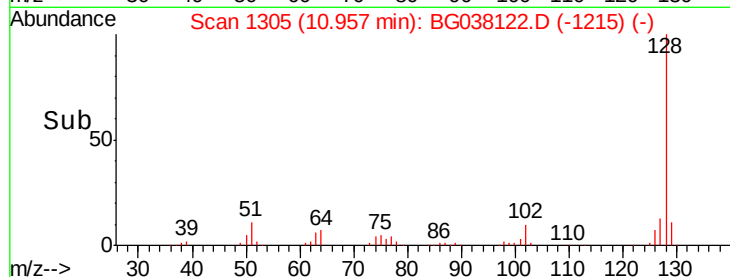
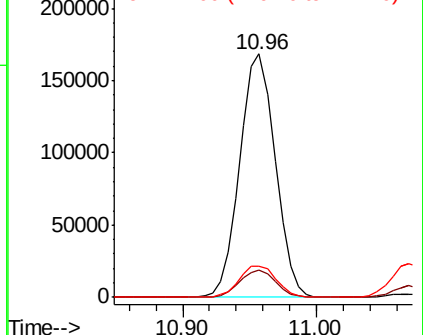
#31
Naphthalene
Concen: 36.951 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB115013BS

Tgt Ion:128 Resp: 310335
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 12.9 11.1 16.7

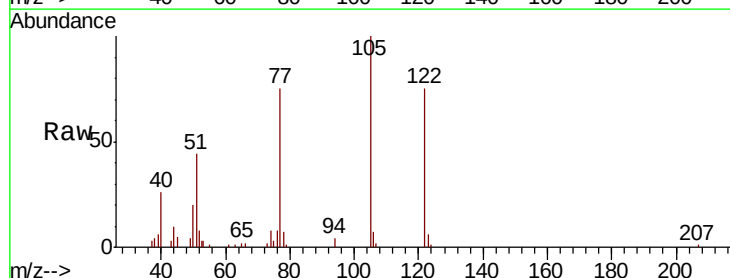


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

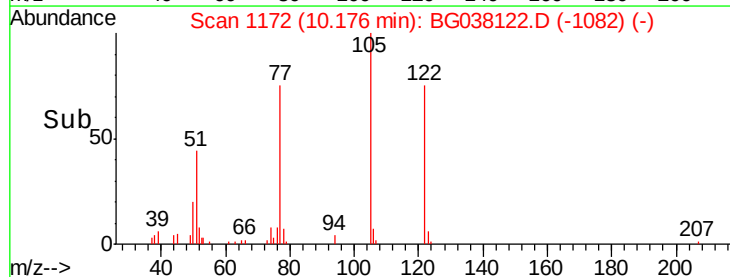
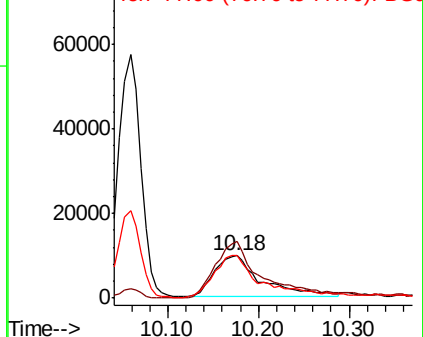


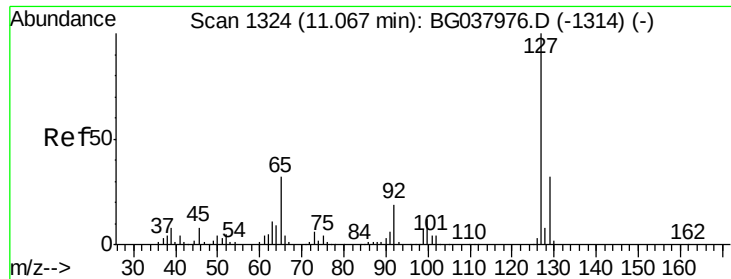
#32
Benzoic acid
Concen: 29.243 ng
RT: 10.18 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

Tgt Ion:122 Resp: 35966
Ion Ratio Lower Upper
122 100
105 133.7 106.7 146.7
77 99.8 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

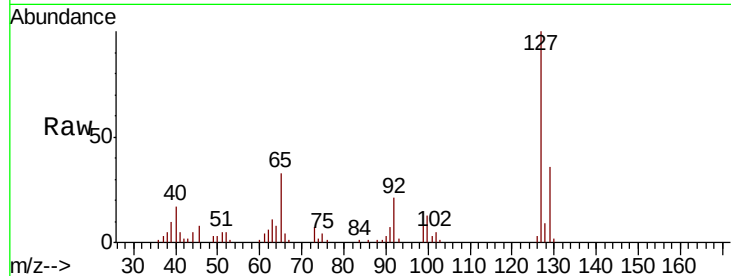




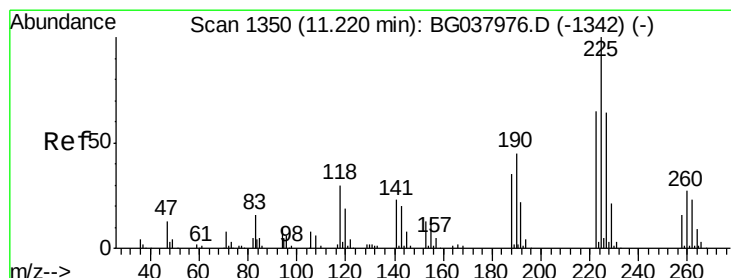
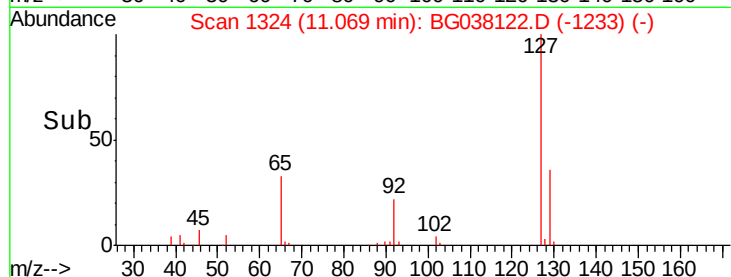
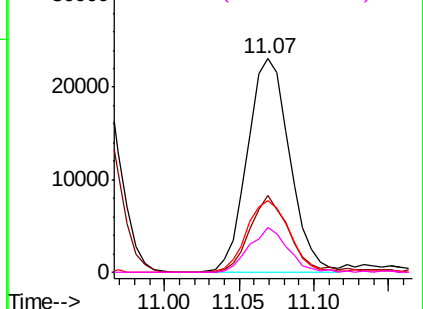
#33
4-Chloroaniline
Concen: 11.629 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB115013BS

Tgt Ion:	127	Resp:	45431
Ion	Ratio	Lower	Upper
127	100		
129	36.0	27.1	40.7
65	33.5	26.6	39.8
92	21.0	16.4	24.6

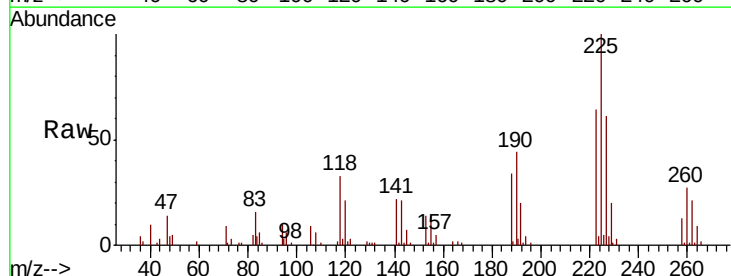


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

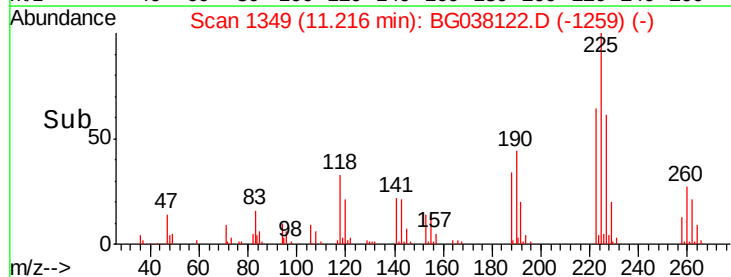
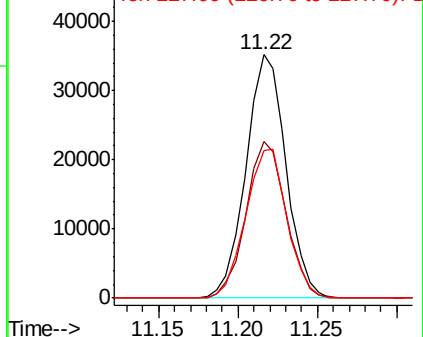


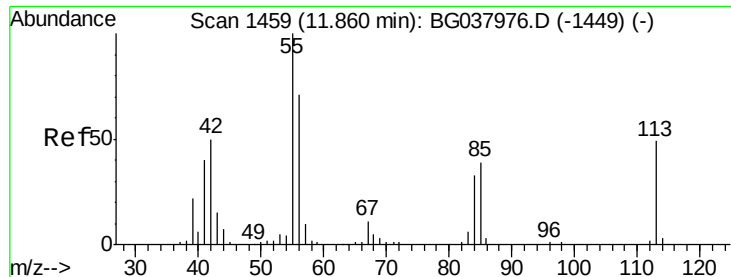
#34
Hexachlorobutadiene
Concen: 32.383 ng
RT: 11.22 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

Tgt Ion:	225	Resp:	61656
Ion	Ratio	Lower	Upper
225	100		
223	61.3	48.2	72.4
227	61.2	51.6	77.4



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

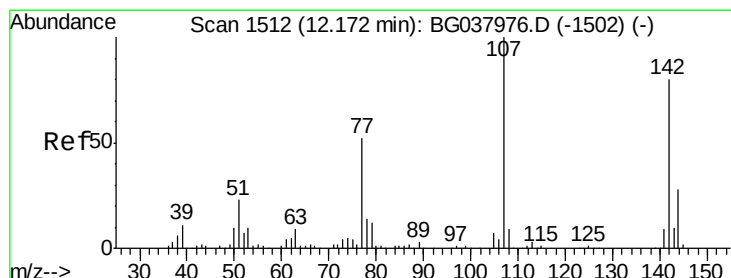
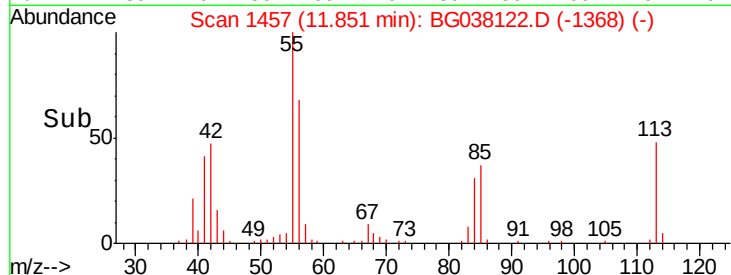
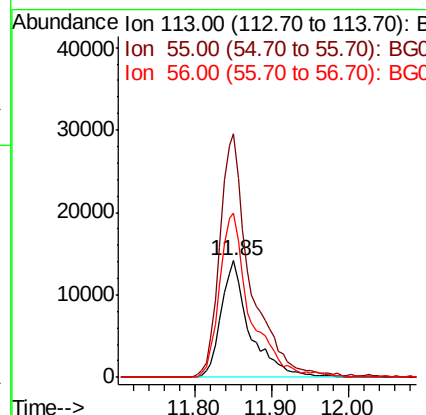
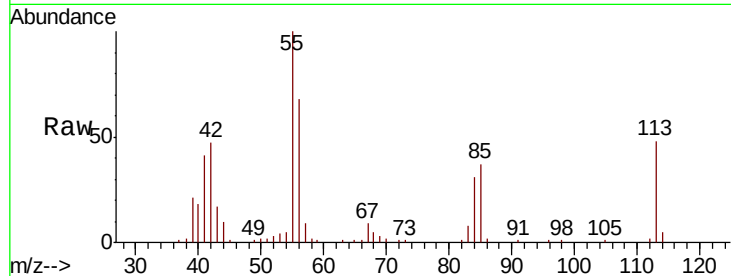




#35
 Caprolactam
 Concen: 33.186 ng
 RT: 11.85 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BG038122.D
 Acq: 21 Nov 2018 18:16

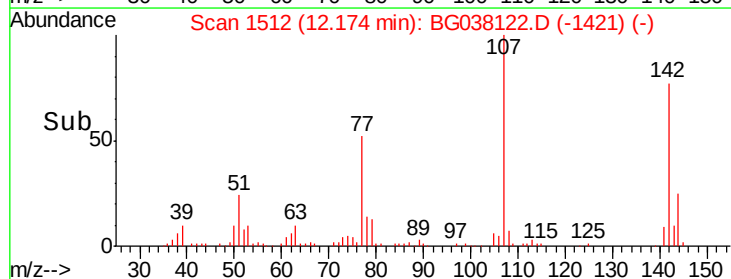
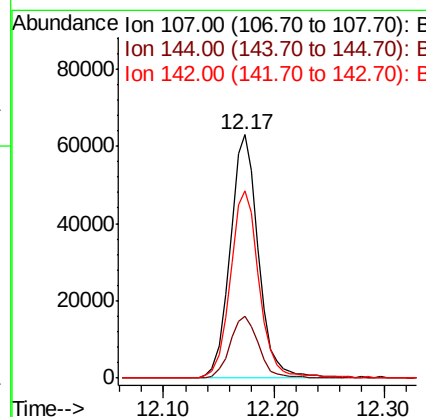
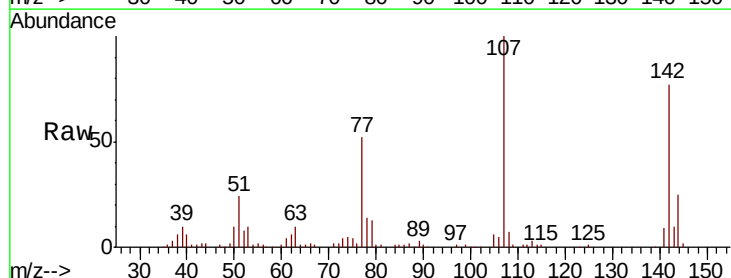
Instrument :
 BNA_G
 ClientSampleId :
 PB115013BS

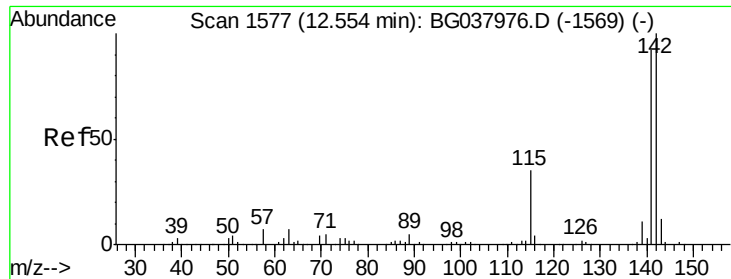
Tgt Ion:113 Resp: 36672
 Ion Ratio Lower Upper
 113 100
 55 208.4 176.6 216.6
 56 140.9 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 37.334 ng
 RT: 12.17 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BG038122.D
 Acq: 21 Nov 2018 18:16

Tgt Ion:107 Resp: 112604
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.7 31.1
 142 77.0 64.4 96.6

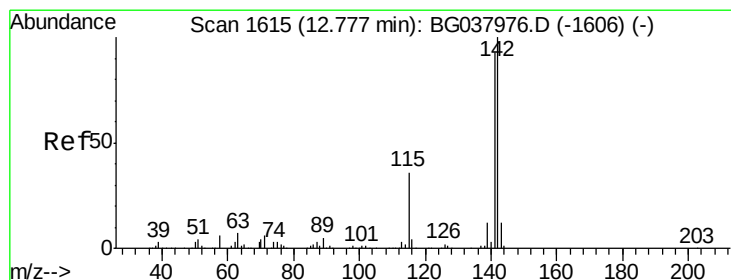
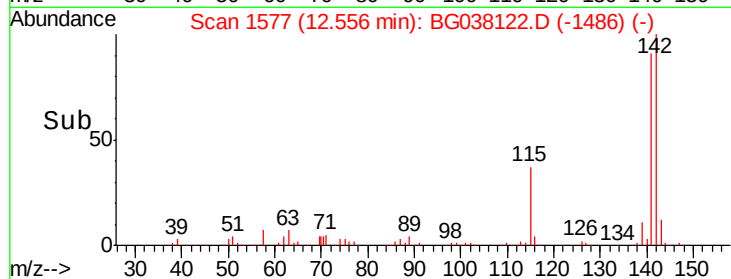
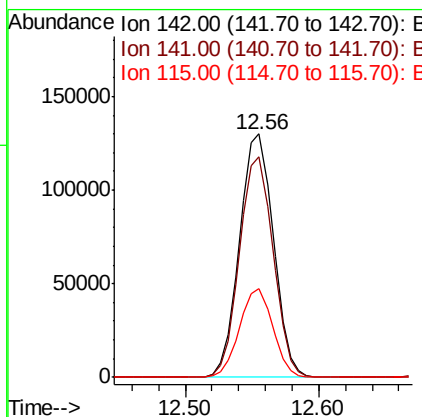
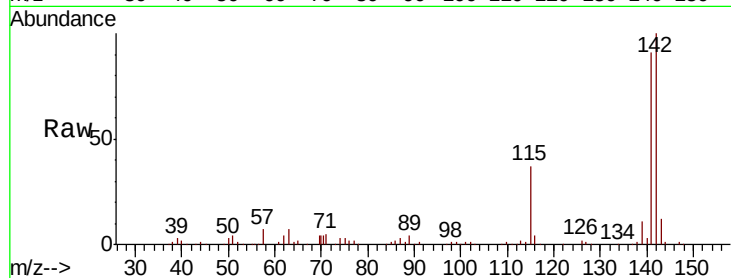




#37
 2-Methylnaphthalene
 Concen: 37.836 ng
 RT: 12.56 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BG038122.D
 Acq: 21 Nov 2018 18:16

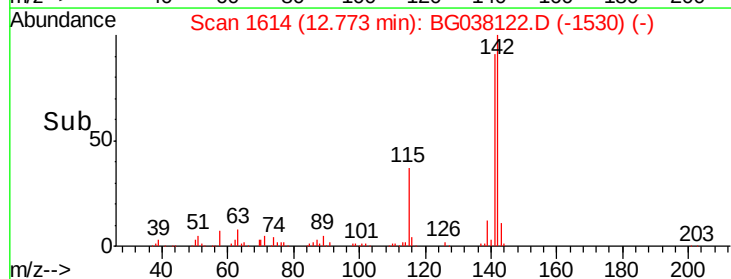
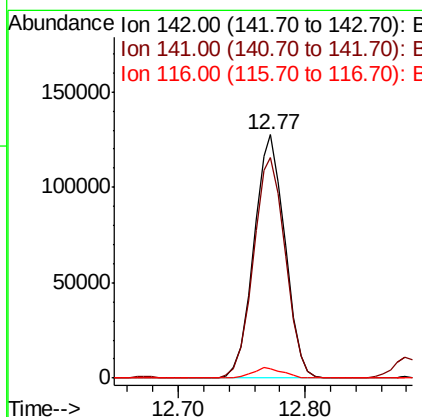
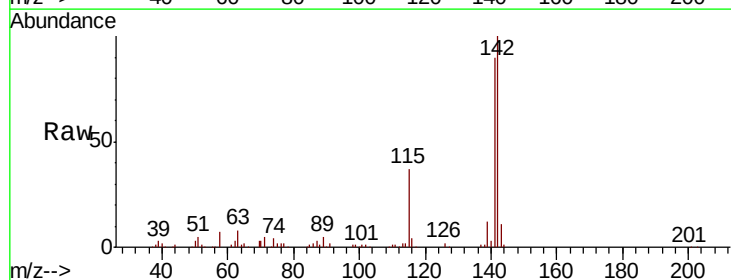
Instrument :
 BNA_G
 ClientSampleId :
 PB115013BS

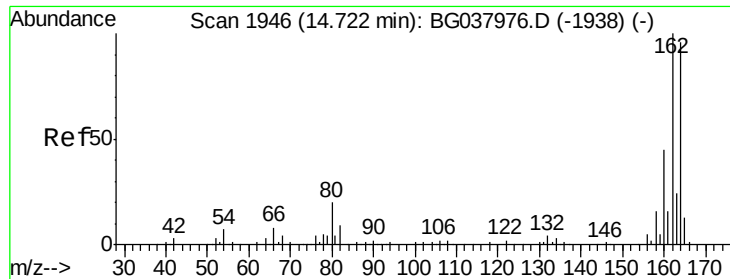
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.9	107.9
115	36.5	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 37.289 ng
 RT: 12.77 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BG038122.D
 Acq: 21 Nov 2018 18:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	75.2	112.8
116	4.0	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: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

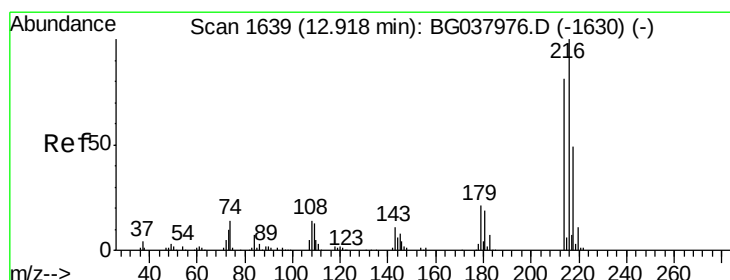
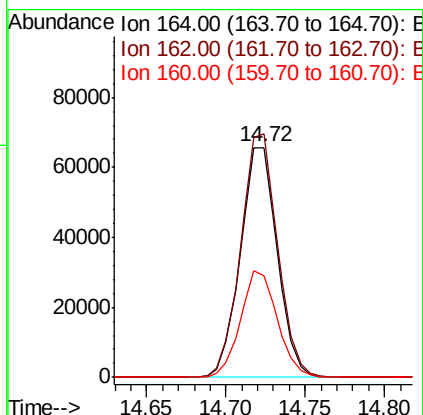
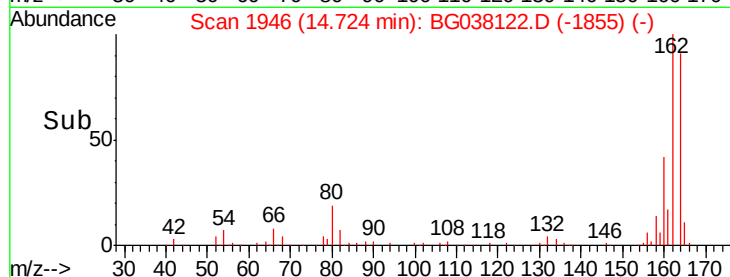
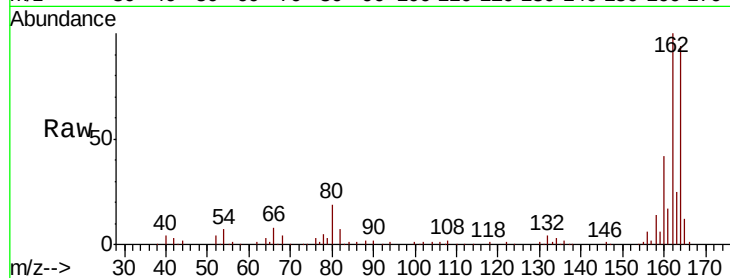
Tgt Ion:164 Resp: 106248

Ion Ratio Lower Upper

164 100

162 105.9 81.3 121.9

160 44.2 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.006 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Tgt Ion:216 Resp: 117182

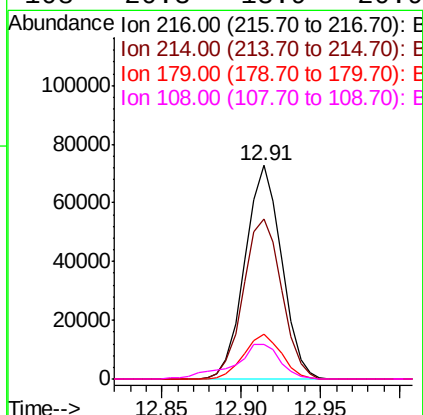
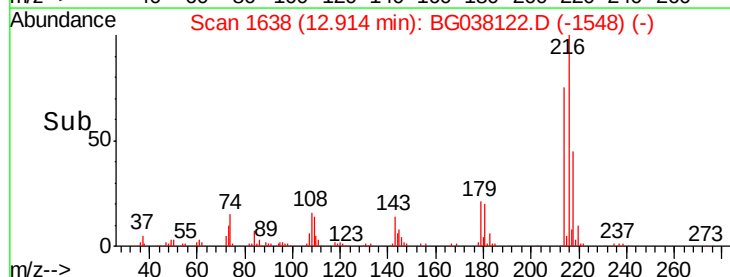
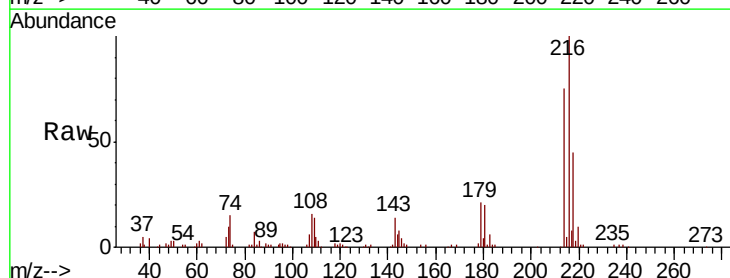
Ion Ratio Lower Upper

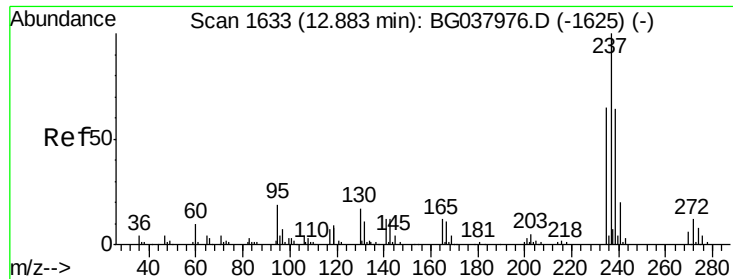
216 100

214 78.0 63.8 95.6

179 21.5 17.4 26.0

108 20.3 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 75.433 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

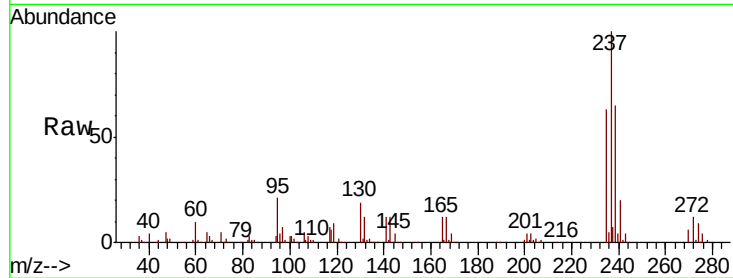
Tgt Ion: 237 Resp: 143406

Ion Ratio Lower Upper

237 100

235 62.8 42.5 82.5

272 11.5 0.0 31.6

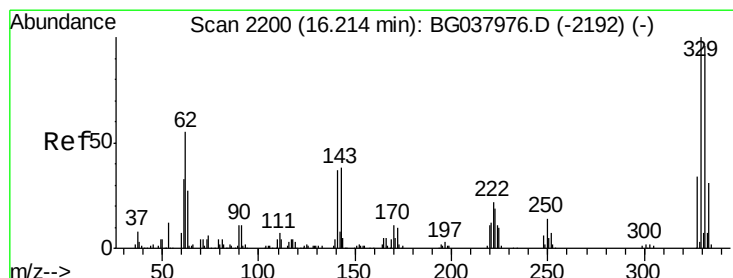
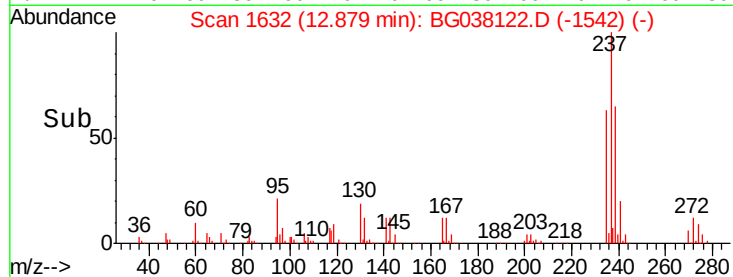
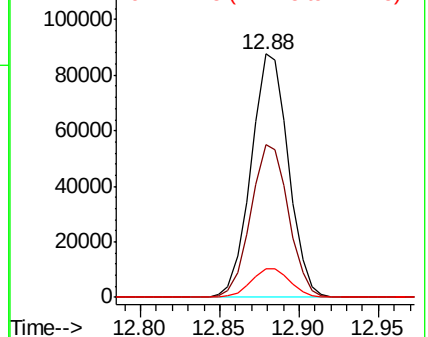


Abundance

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: 95.247 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

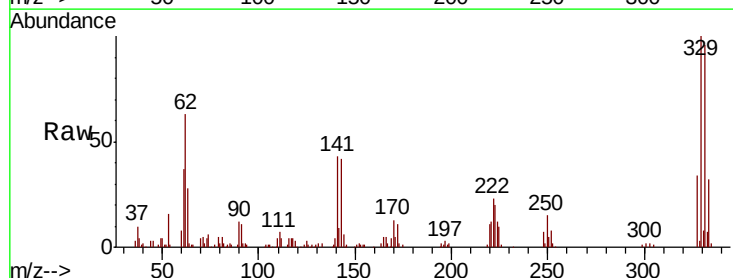
Tgt Ion: 330 Resp: 115414

Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

141 42.4 32.2 48.2

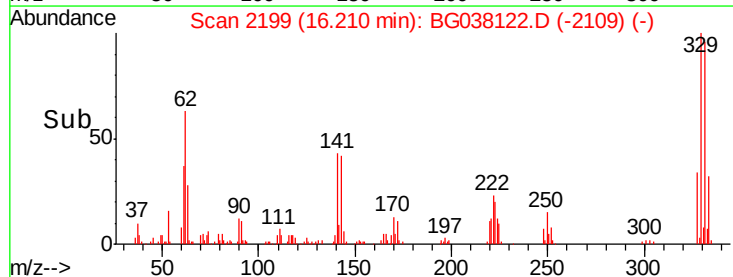
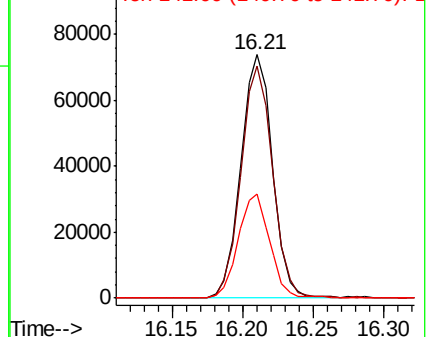


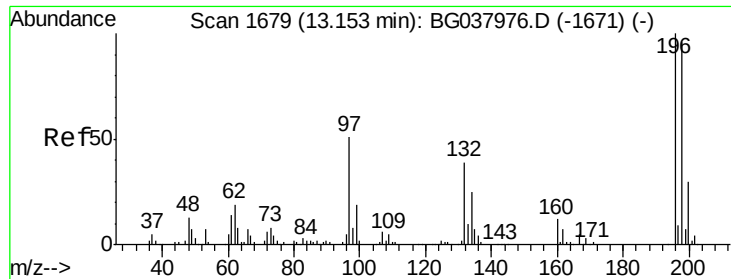
Abundance

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

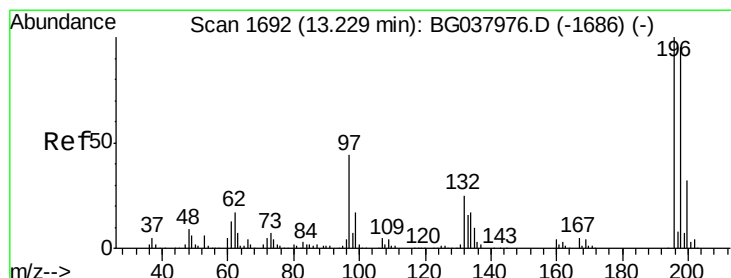
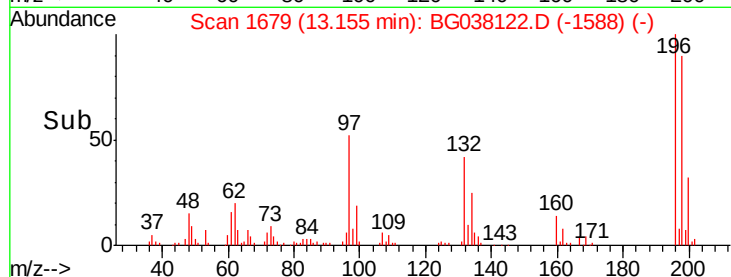
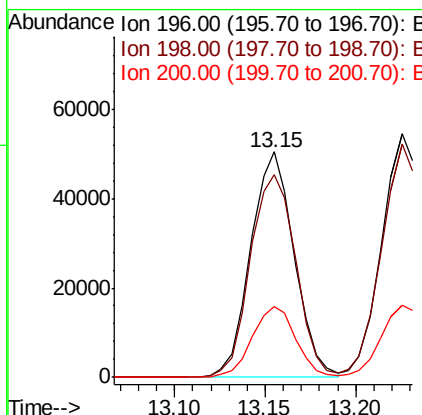
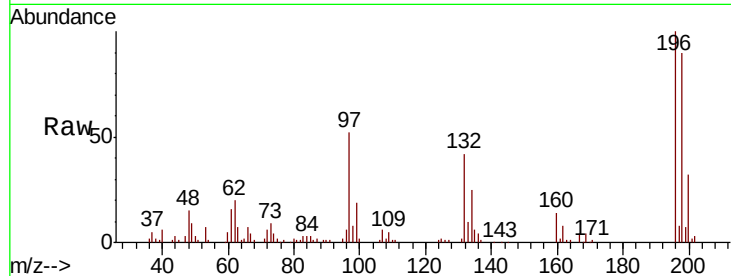




#43
 2,4,6-Trichlorophenol
 Concen: 34.726 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038122.D
 Acq: 21 Nov 2018 18:16

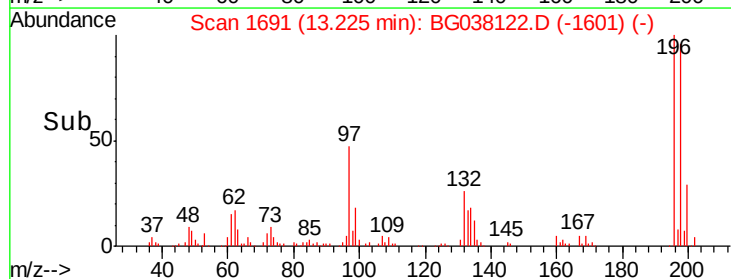
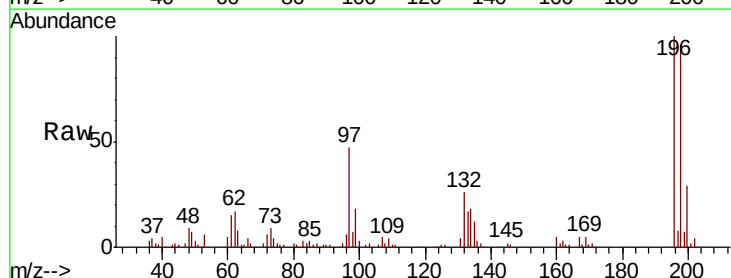
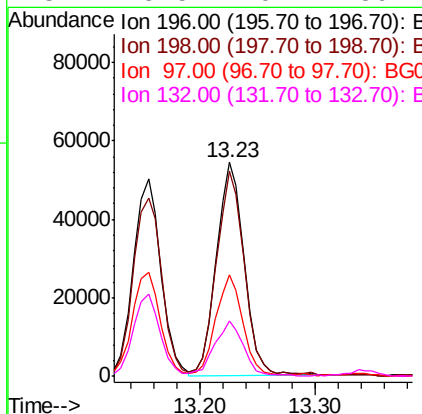
Instrument :
 BNA_G
 ClientSampleId :
 PB115013BS

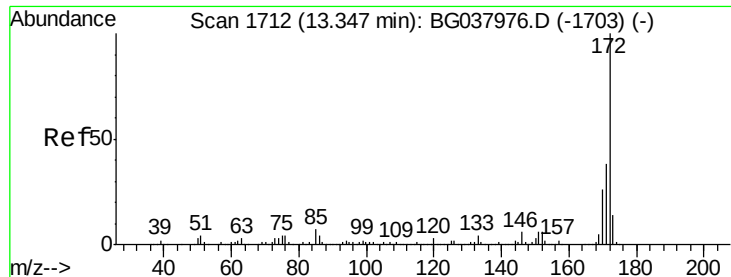
Tgt Ion:196 Resp: 84013
 Ion Ratio Lower Upper
 196 100
 198 90.0 76.4 114.6
 200 31.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 35.351 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG038122.D
 Acq: 21 Nov 2018 18:16

Tgt Ion:196 Resp: 89989
 Ion Ratio Lower Upper
 196 100
 198 96.1 74.2 111.2
 97 47.1 34.1 51.1
 132 25.5 20.2 30.4

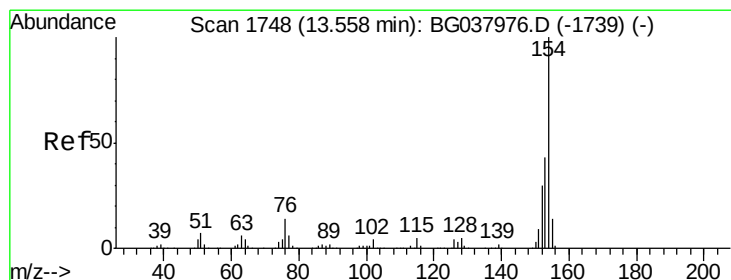
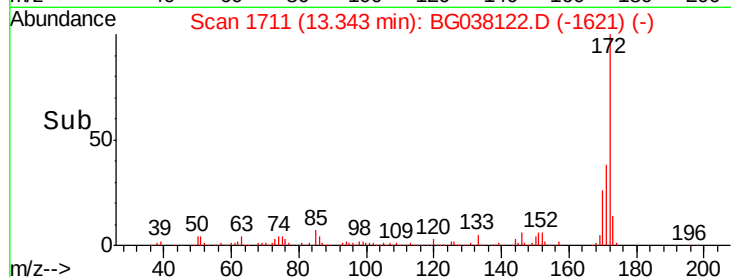
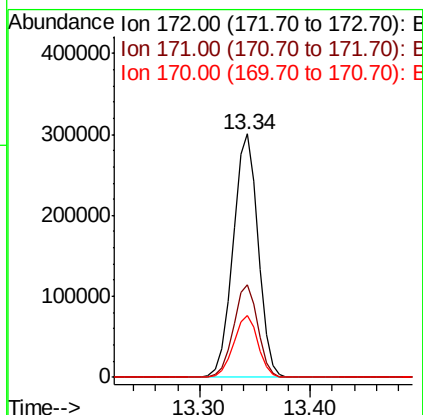
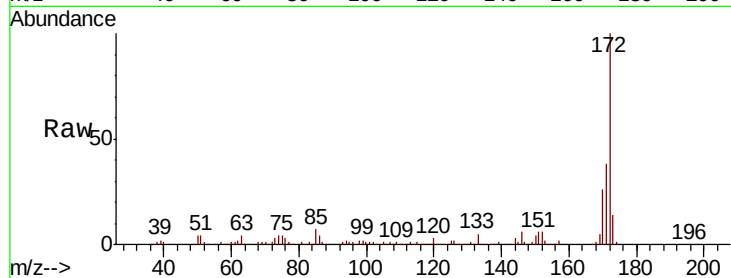




#45
2-Fluorobiphenyl
Concen: 65.344 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

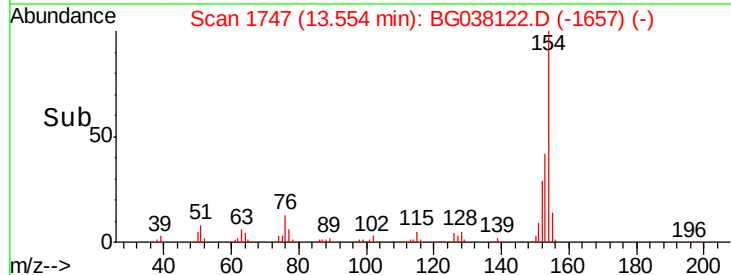
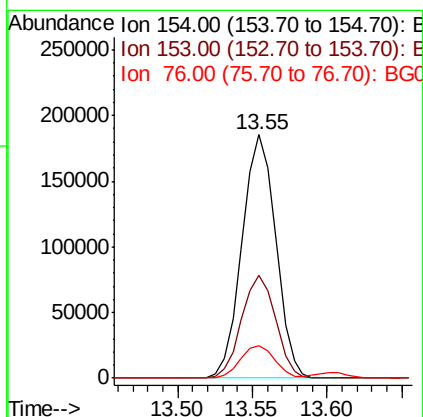
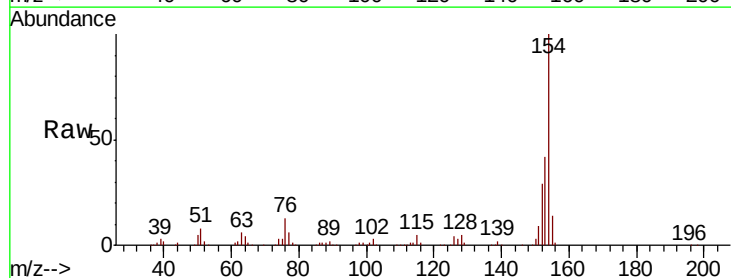
Instrument :
BNA_G
ClientSampleId :
PB115013BS

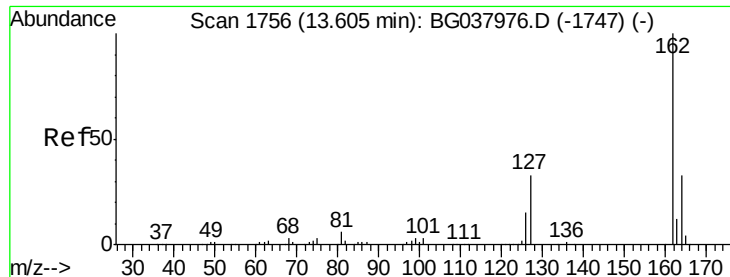
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	25.6	20.2	30.2



#46
1,1'-Biphenyl
Concen: 32.512 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.1	62.1
76	13.2	0.0	33.2

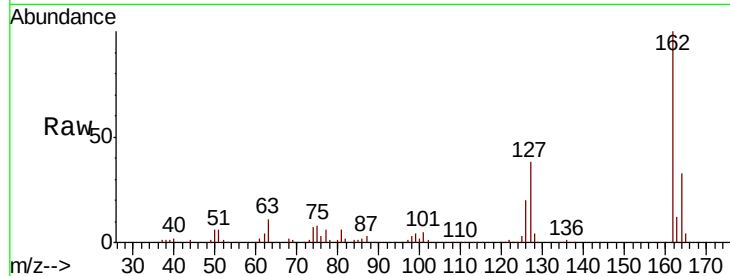




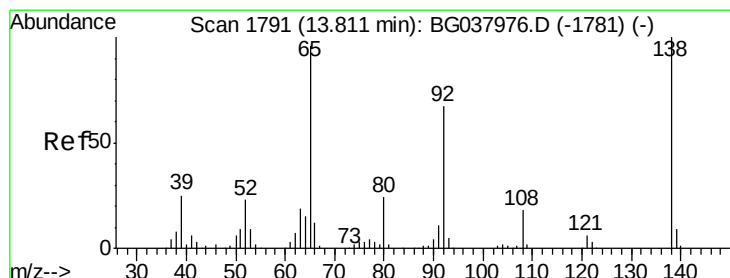
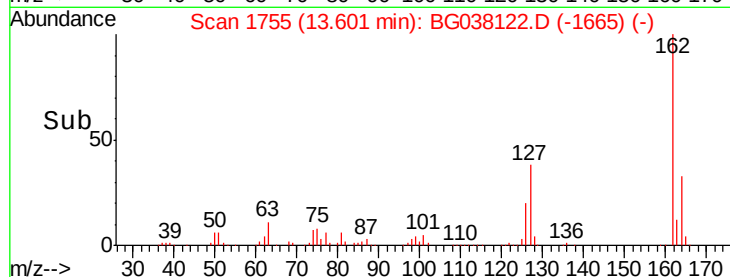
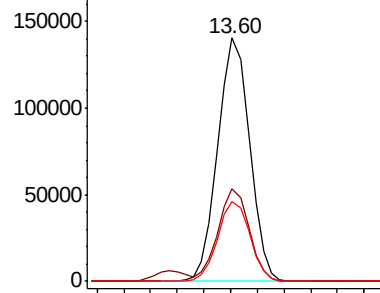
#47
 2-Chloronaphthalene
 Concen: 34.040 ng
 RT: 13.60 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BG038122.D
 Acq: 21 Nov 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB115013BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.5	45.7
164	32.9	26.4	39.6

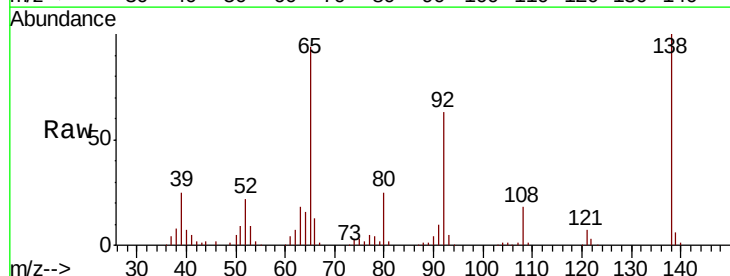


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

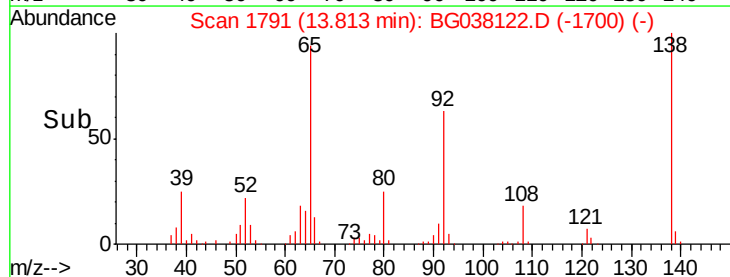
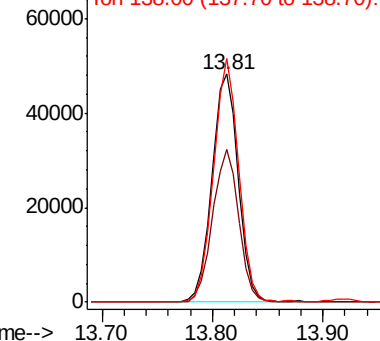


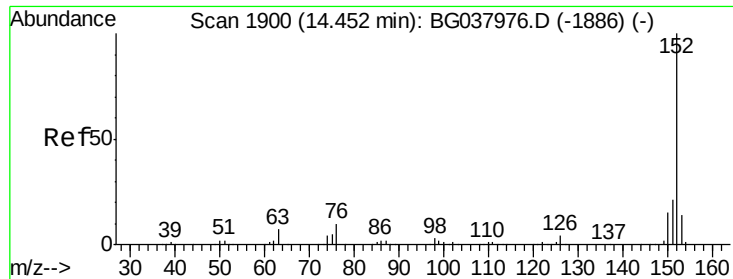
#48
 2-Nitroaniline
 Concen: 37.541 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG038122.D
 Acq: 21 Nov 2018 18:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	53.2	79.8
138	106.9	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: 37.532 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

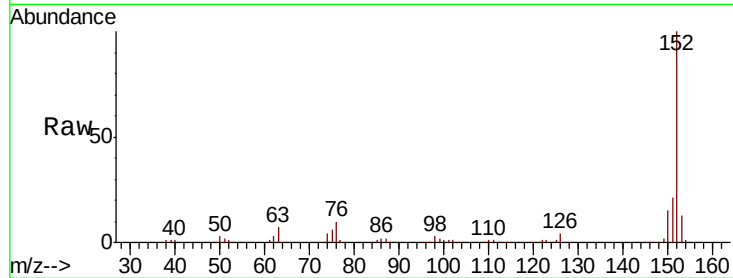
Tgt Ion:152 Resp: 384433

Ion Ratio Lower Upper

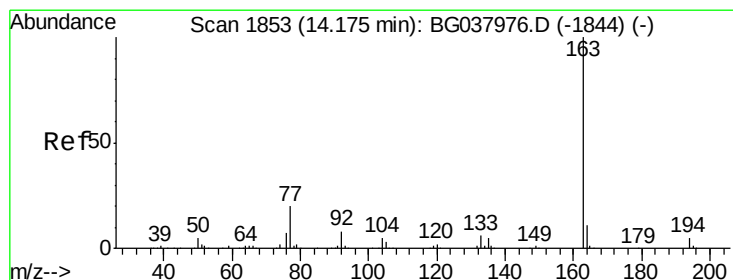
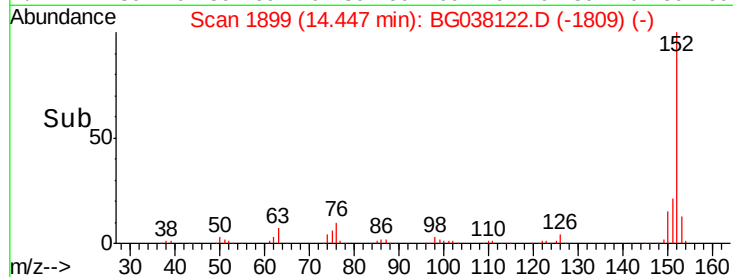
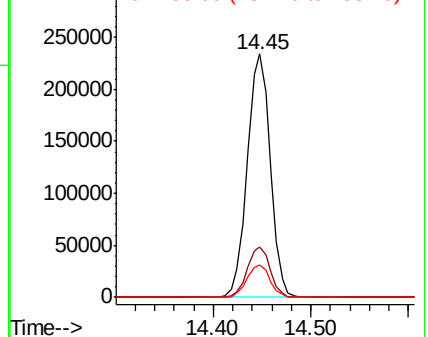
152 100

151 20.6 17.1 25.7

153 13.1 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: 35.285 ng

RT: 14.17 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

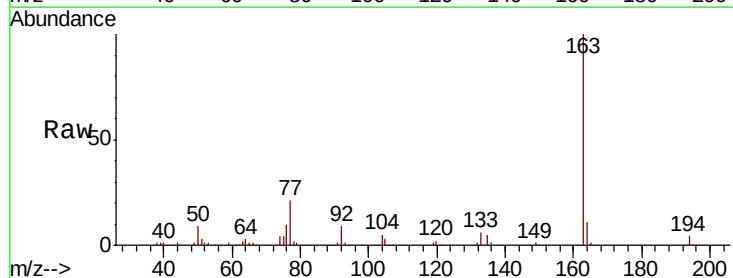
Tgt Ion:163 Resp: 297212

Ion Ratio Lower Upper

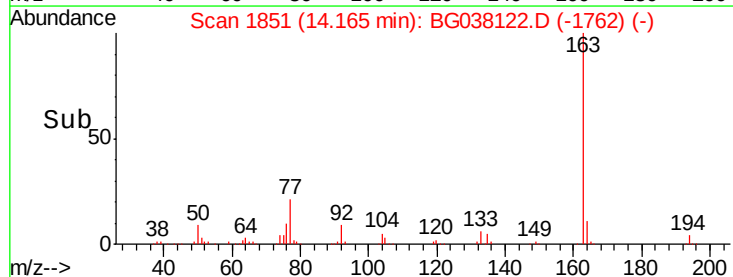
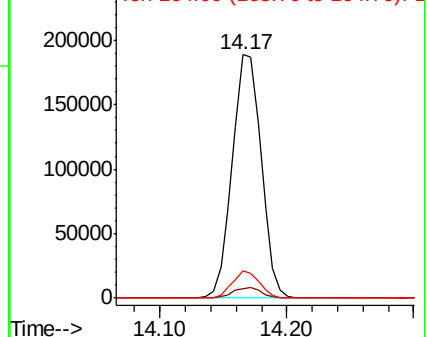
163 100

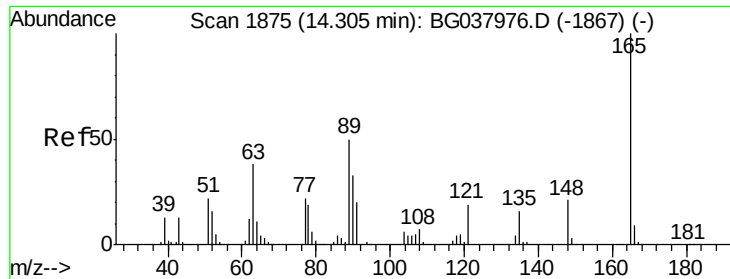
194 4.1 3.5 5.3

164 11.1 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

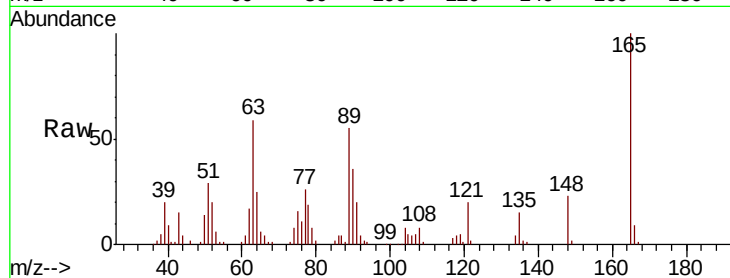




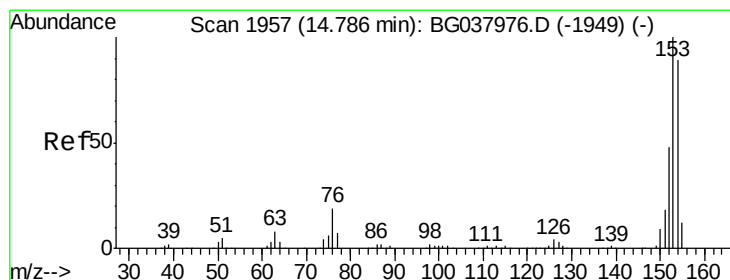
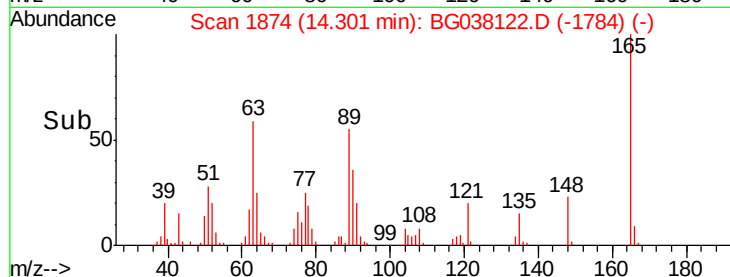
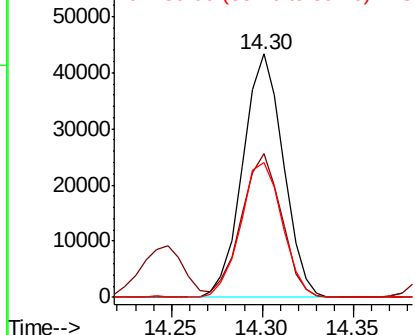
#51
2,6-Dinitrotoluene
Concen: 35.332 ng
RT: 14.30 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB115013BS

Tgt Ion:165 Resp: 67356
Ion Ratio Lower Upper
165 100
63 59.3 43.4 65.2
89 55.1 45.8 68.6

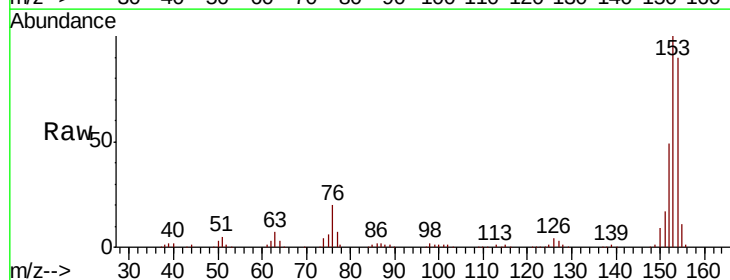


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

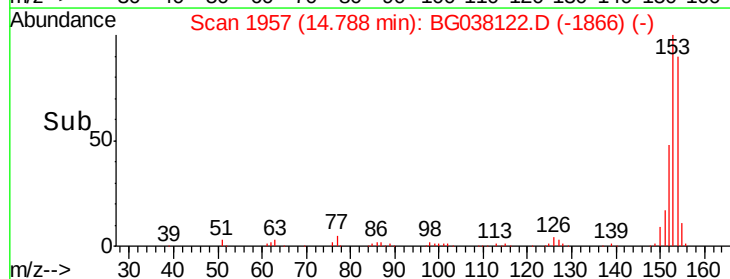
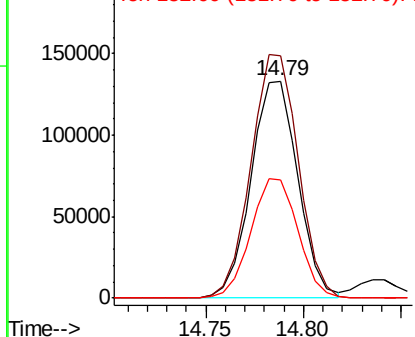


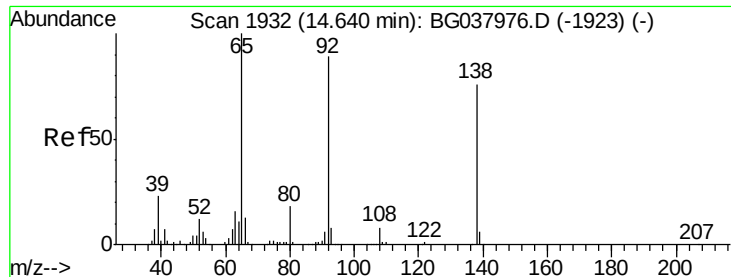
#52
Acenaphthene
Concen: 35.947 ng
RT: 14.79 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

Tgt Ion:154 Resp: 221660
Ion Ratio Lower Upper
154 100
153 111.4 93.4 140.0
152 54.5 44.7 67.1



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





#53

3-Nitroaniline

Concen: 18.466 ng

RT: 14.64 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

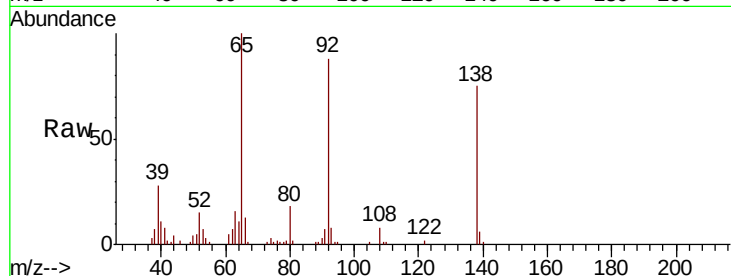
Tgt Ion:138 Resp: 38845

Ion Ratio Lower Upper

138 100

108 10.7 11.0 16.6#

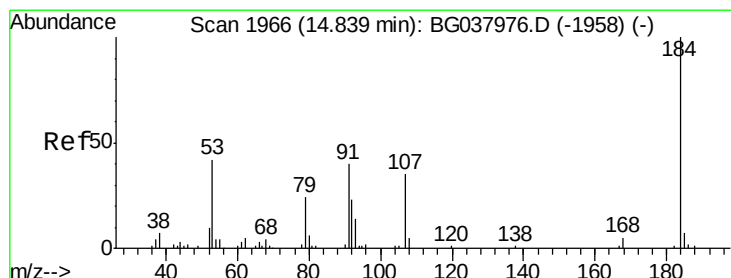
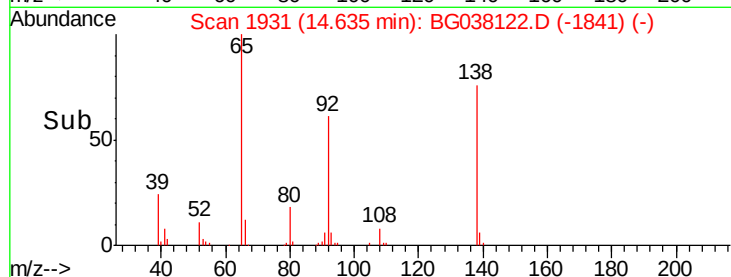
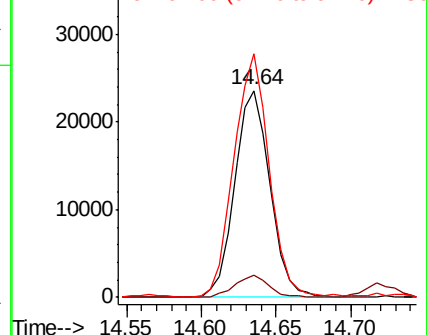
92 117.6 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 38.256 ng

RT: 14.84 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

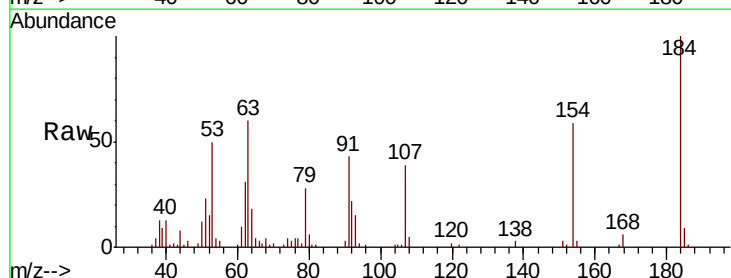
Tgt Ion:184 Resp: 33722

Ion Ratio Lower Upper

184 100

63 59.5 42.6 63.8

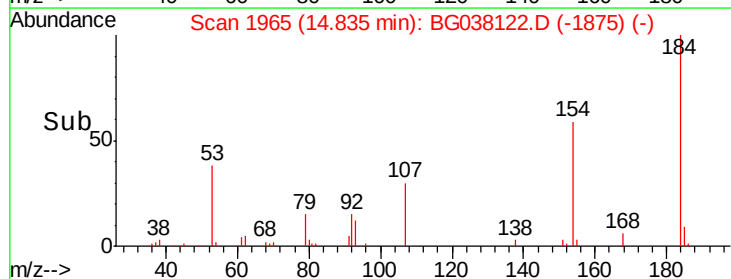
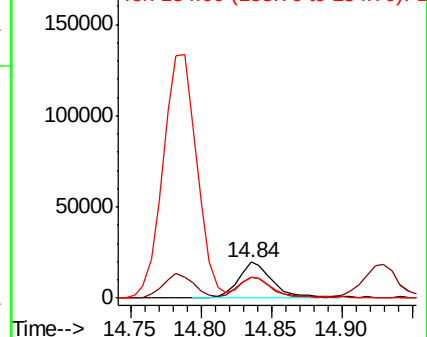
154 59.0 41.8 62.6

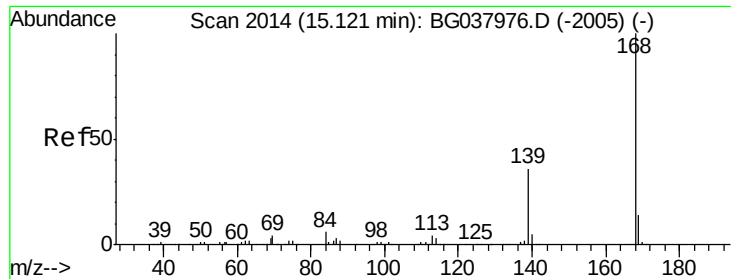


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

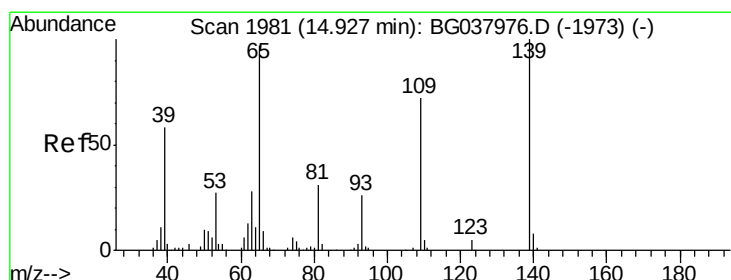
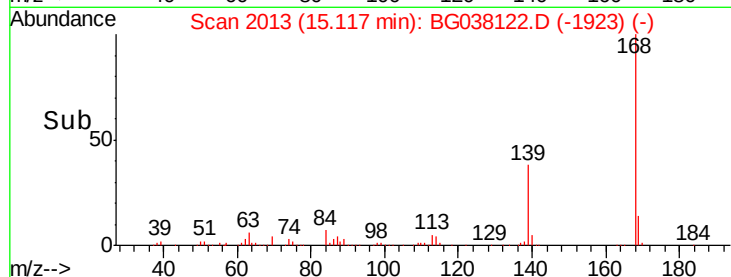
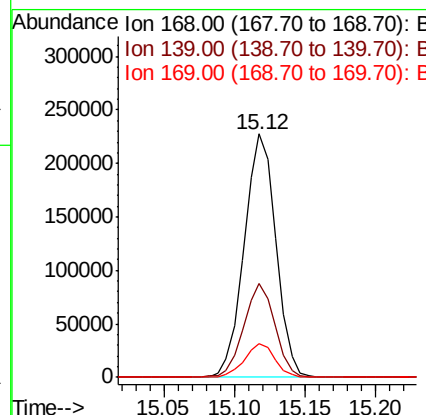
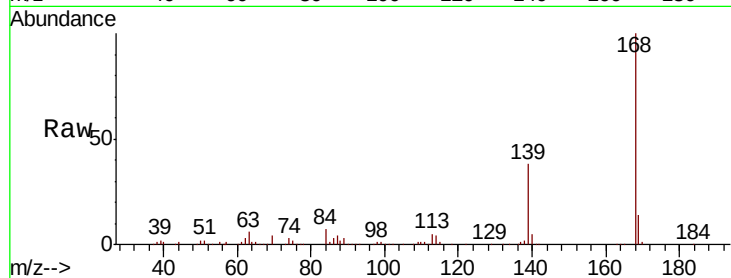




#55
Dibenzofuran
Concen: 35.020 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

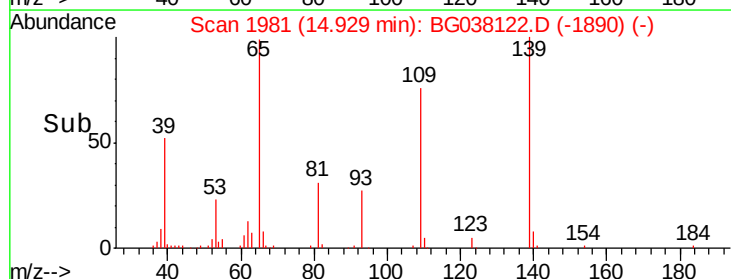
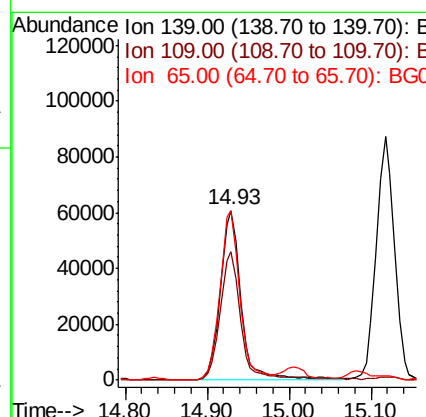
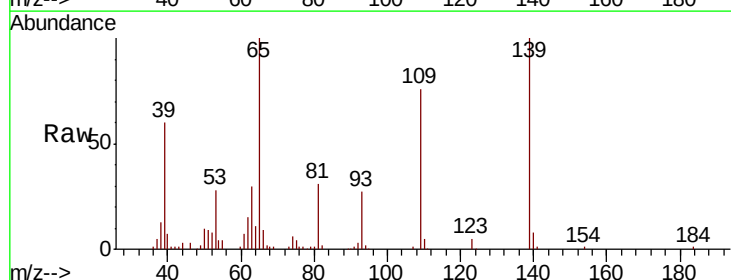
Instrument :
BNA_G
ClientSampleId :
PB115013BS

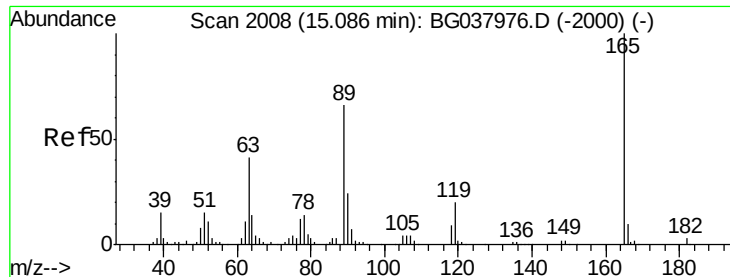
Tgt Ion:168 Resp: 357076
Ion Ratio Lower Upper
168 100
139 38.4 29.4 44.0
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 66.643 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

Tgt Ion:139 Resp: 108123
Ion Ratio Lower Upper
139 100
109 75.5 49.5 89.5
65 99.7 76.8 116.8

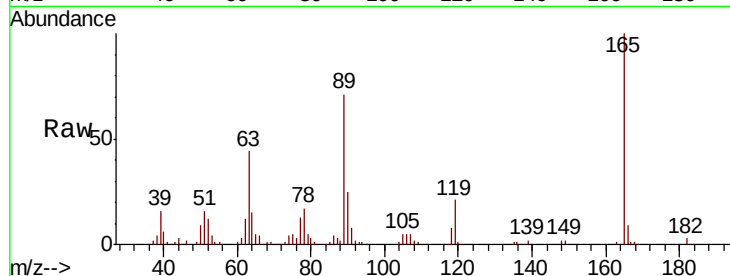




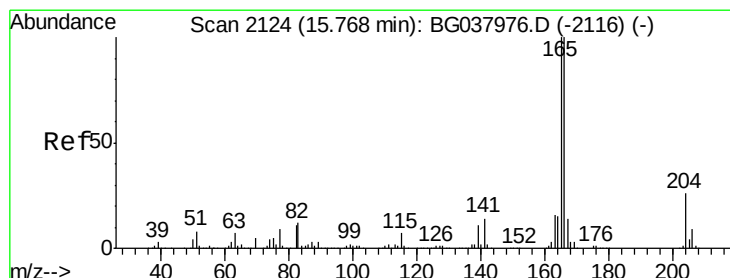
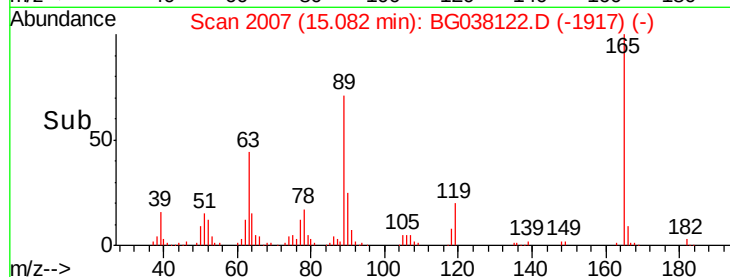
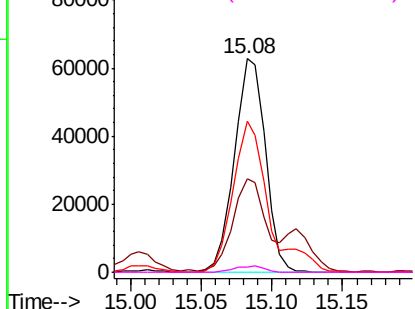
#57
2,4-Dinitrotoluene
Concen: 37.091 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB115013BS

Tgt Ion:165 Resp: 96206
Ion Ratio Lower Upper
165 100
63 43.6 33.4 50.0
89 71.0 57.2 85.8
182 2.6 2.6 4.0

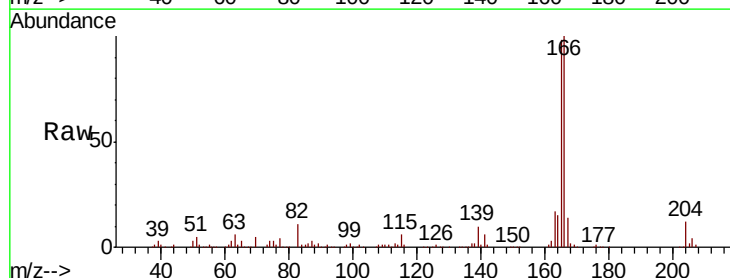


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

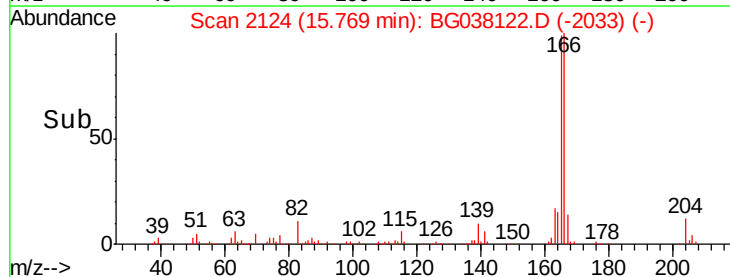
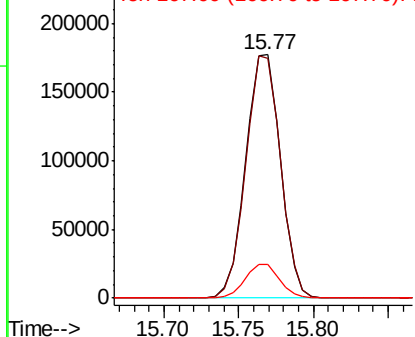


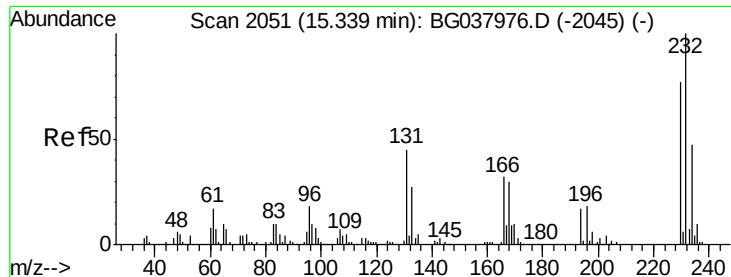
#58
Fluorene
Concen: 37.401 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

Tgt Ion:166 Resp: 284533
Ion Ratio Lower Upper
166 100
165 98.3 79.0 118.6
167 13.8 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

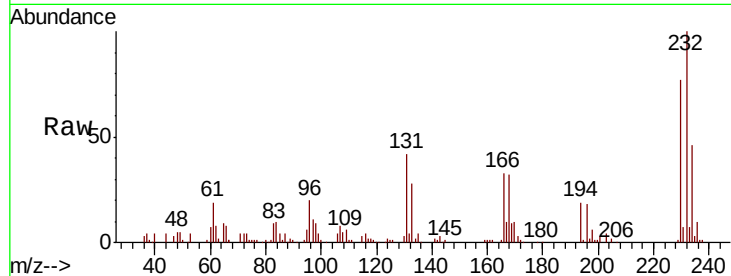




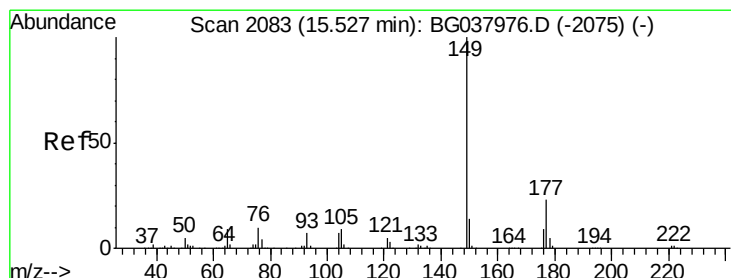
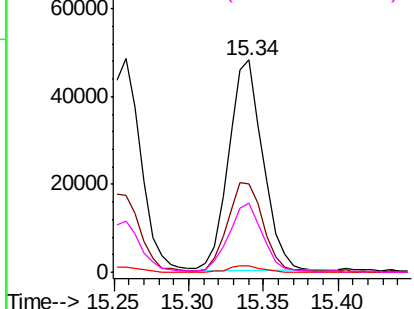
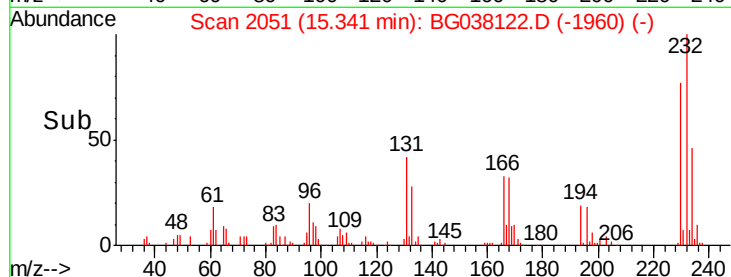
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.354 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG038122.D
 Acq: 21 Nov 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB115013BS

Tgt Ion: 232 Resp: 77436
 Ion Ratio Lower Upper
 232 100
 131 45.4 33.7 50.5
 130 2.8 2.1 3.1
 166 32.4 24.6 36.8

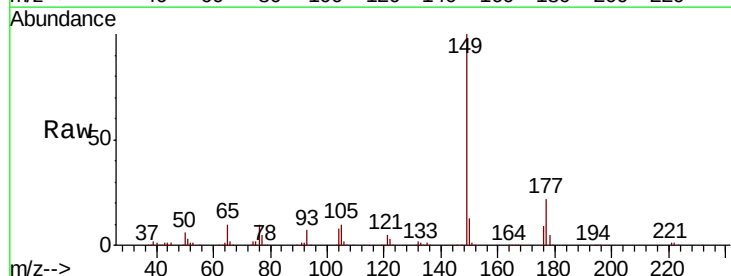


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

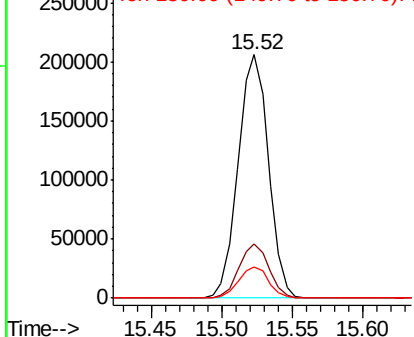
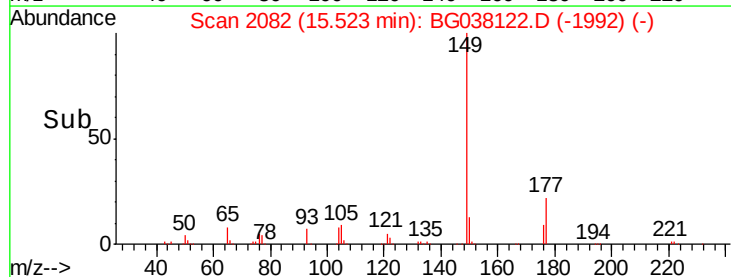


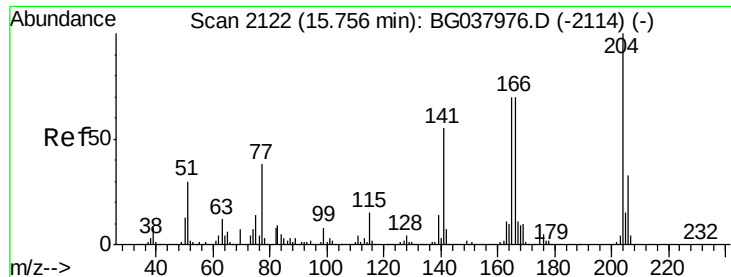
#60
 Diethylphthalate
 Concen: 34.571 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG038122.D
 Acq: 21 Nov 2018 18:16

Tgt Ion: 149 Resp: 309288
 Ion Ratio Lower Upper
 149 100
 177 22.2 18.3 27.5
 150 12.7 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

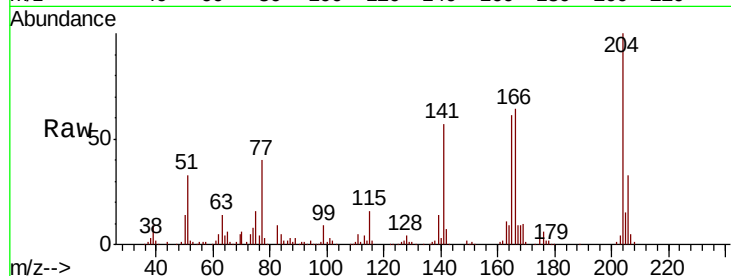




#61
4-Chlorophenyl-phenylether
Concen: 33.660 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB115013BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	56.8	45.4	68.2

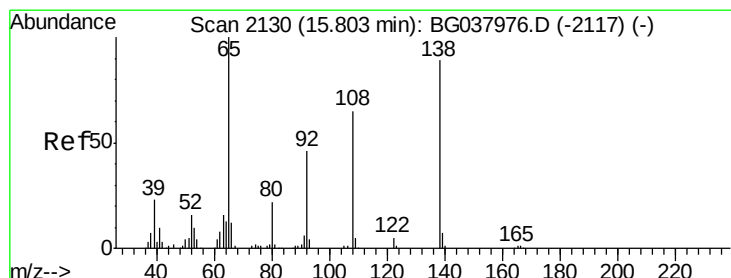
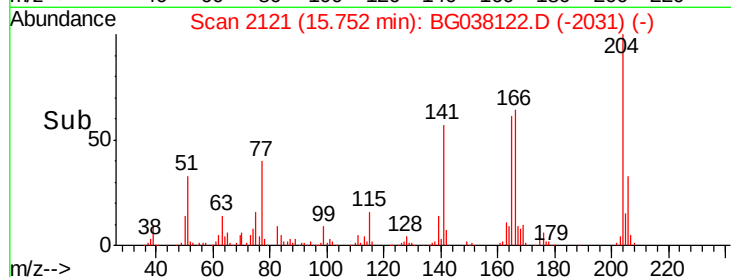
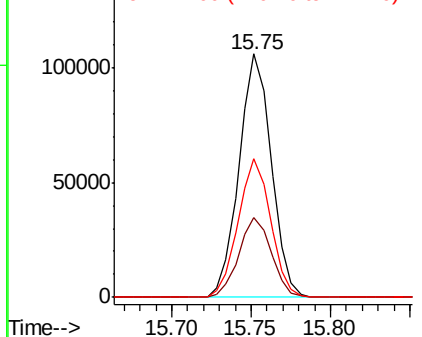


Abundance

Ion 204.00 (203.70 to 204.70): E

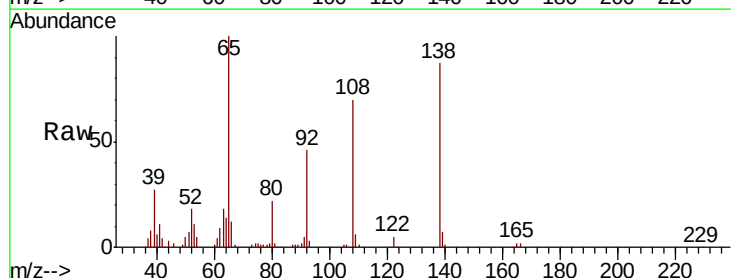
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.155 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.5	36.4	76.4
108	79.8	60.1	100.1

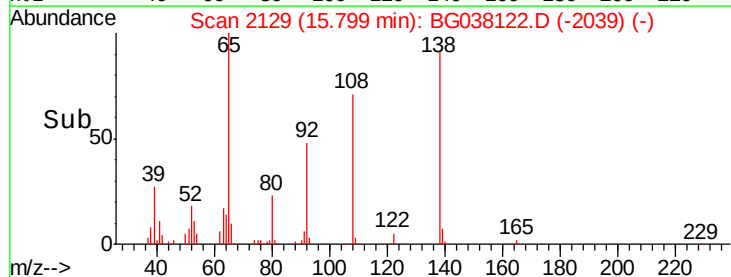
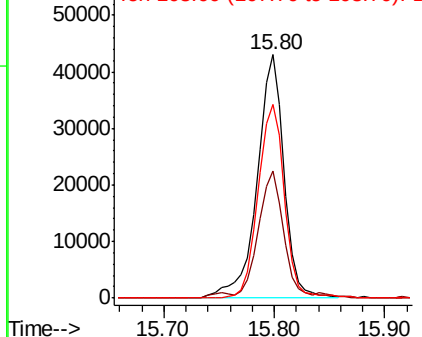


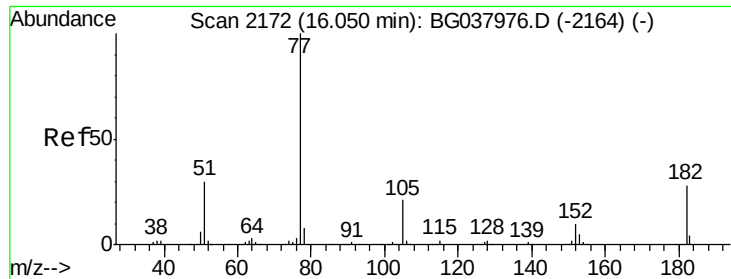
Abundance

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: 36.436 ng

RT: 16.05 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

Tgt Ion: 77 Resp: 291459

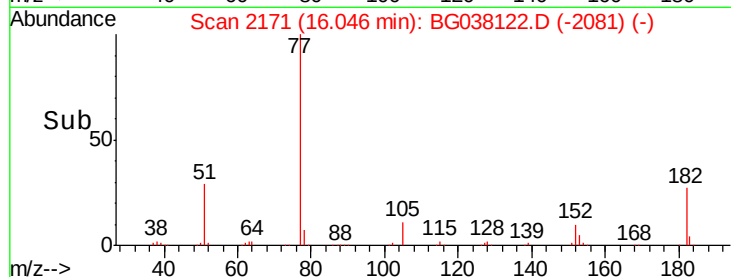
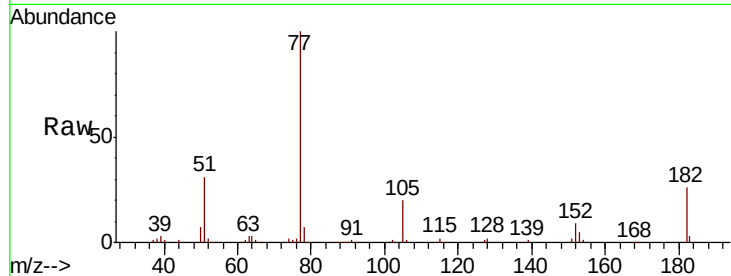
Ion Ratio Lower Upper

77 100

182 26.1 8.0 48.0

105 19.7 1.3 41.3

51 31.1 10.7 50.7

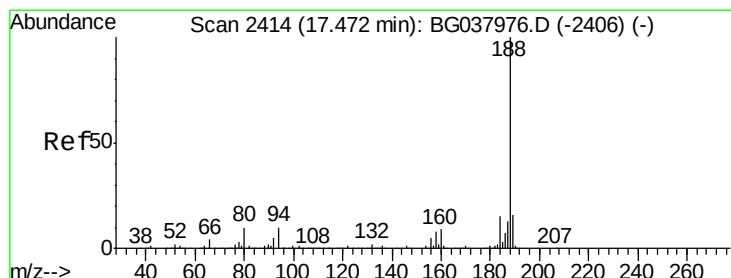
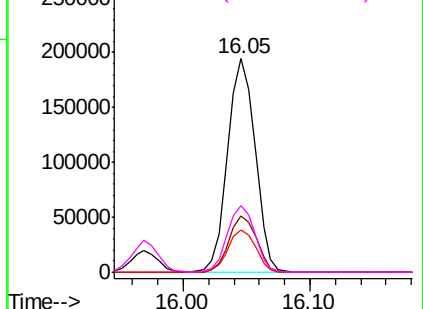


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

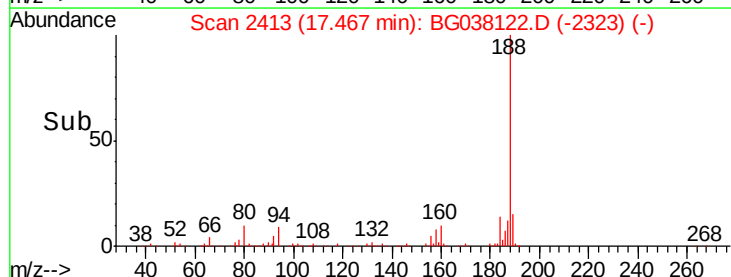
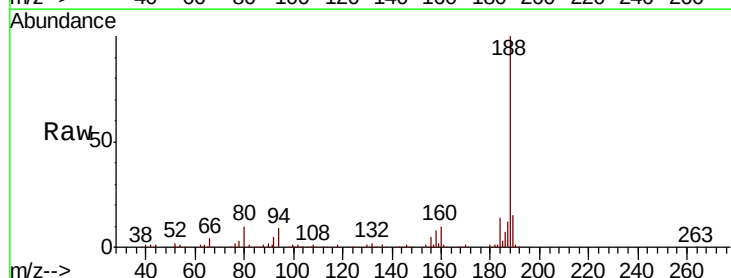
Tgt Ion: 188 Resp: 246842

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

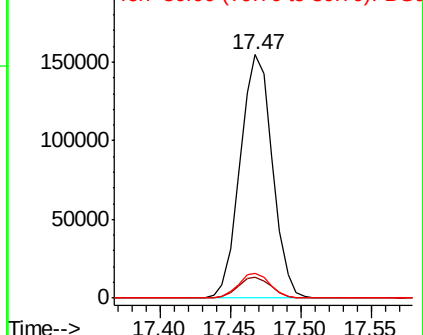
80 10.1 7.7 11.5

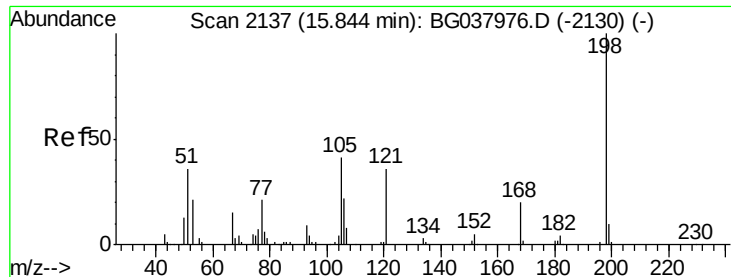


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 25.553 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

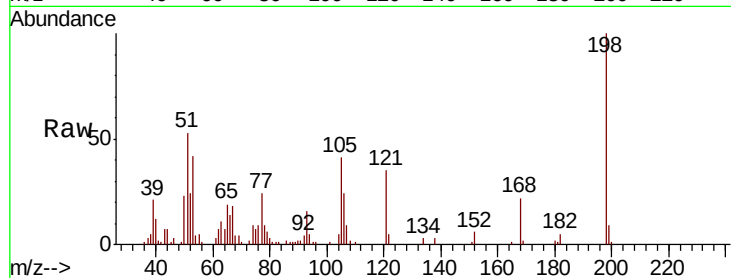
Tgt Ion:198 Resp: 39895

Ion Ratio Lower Upper

198 100

51 53.0 22.7 62.7

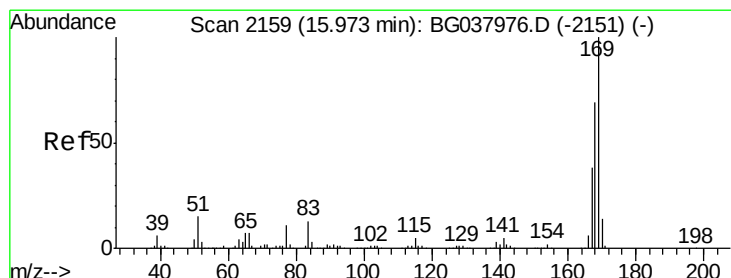
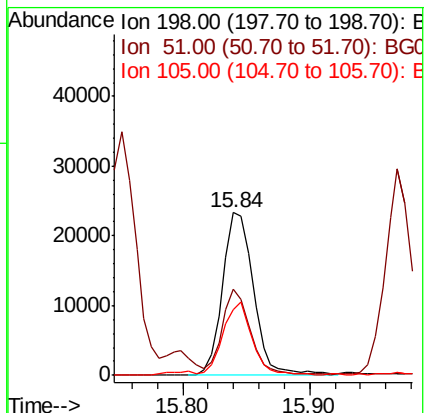
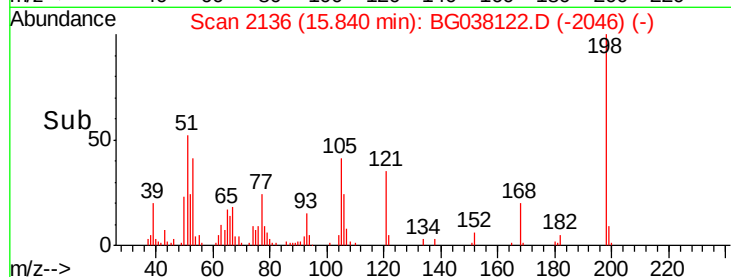
105 40.8 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 34.859 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

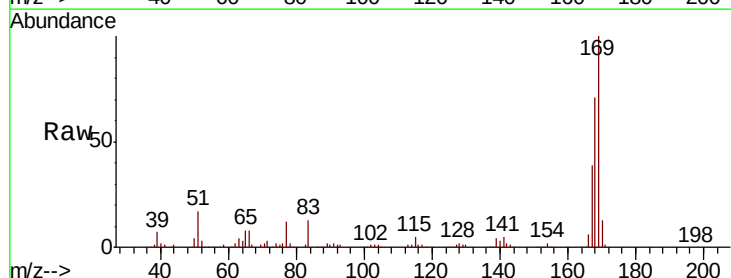
Tgt Ion:169 Resp: 260314

Ion Ratio Lower Upper

169 100

168 70.8 55.7 83.5

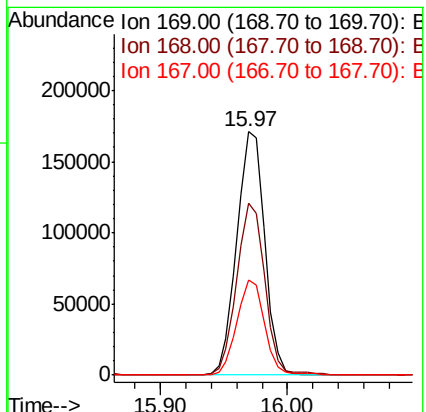
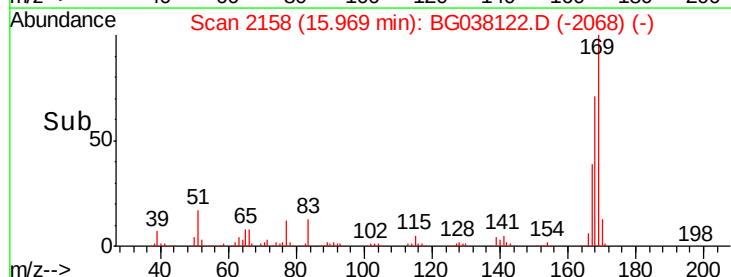
167 39.0 31.3 46.9

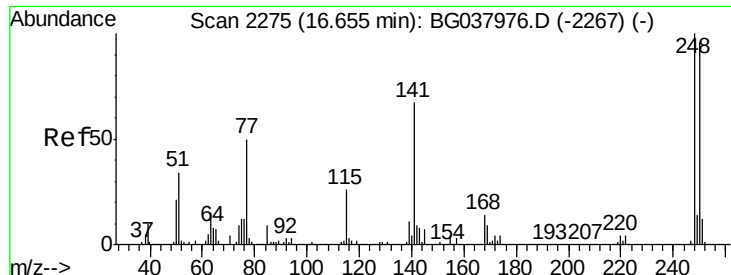


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

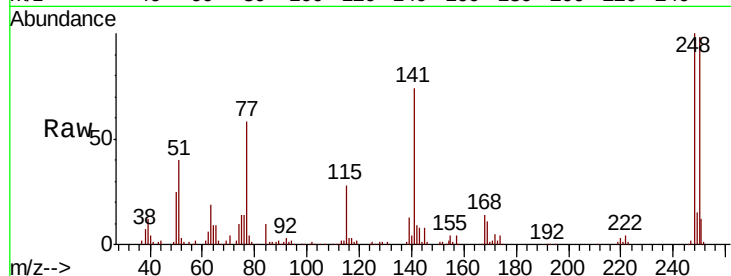




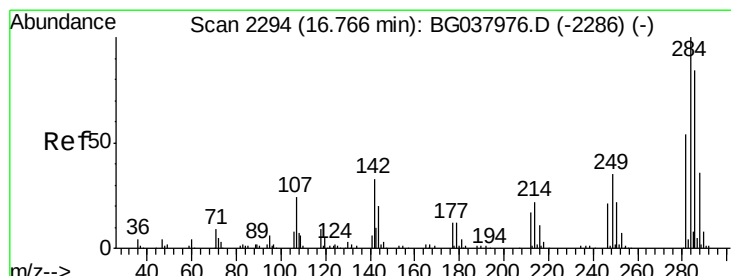
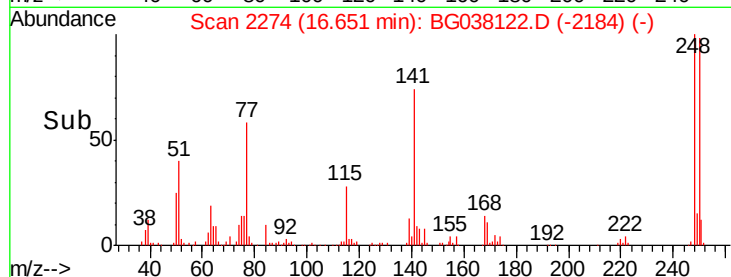
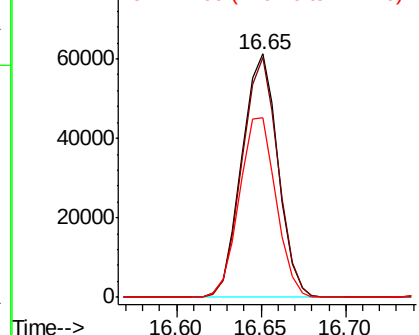
#67
 4-Bromophenyl-phenylether
 Concen: 33.752 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BG038122.D
 Acq: 21 Nov 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB115013BS

Tgt Ion:248 Resp: 91445
 Ion Ratio Lower Upper
 248 100
 250 98.2 77.0 115.6
 141 73.8 55.5 83.3

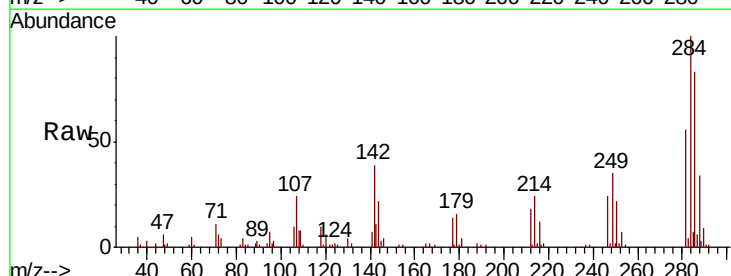


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

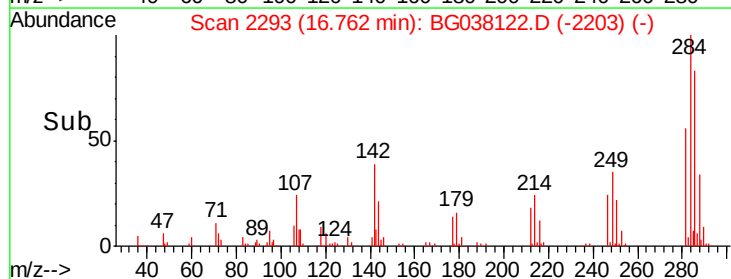
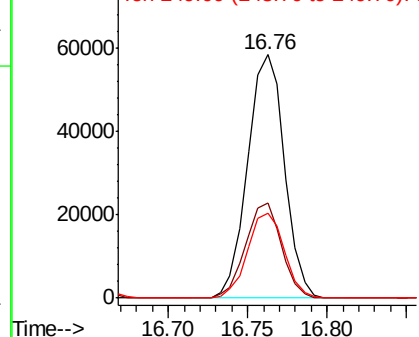


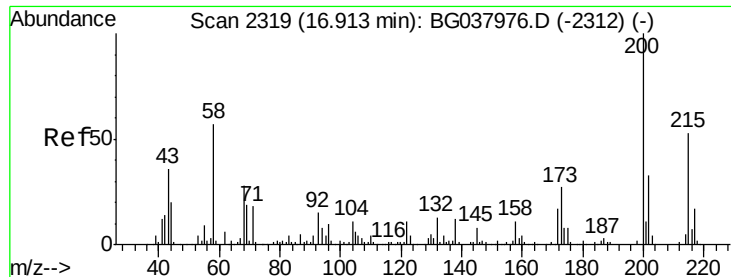
#68
 Hexachlorobenzene
 Concen: 33.675 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG038122.D
 Acq: 21 Nov 2018 18:16

Tgt Ion:284 Resp: 94175
 Ion Ratio Lower Upper
 284 100
 142 39.1 28.1 42.1
 249 37.1 29.8 44.8



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





#69

Atrazine

Concen: 34.996 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

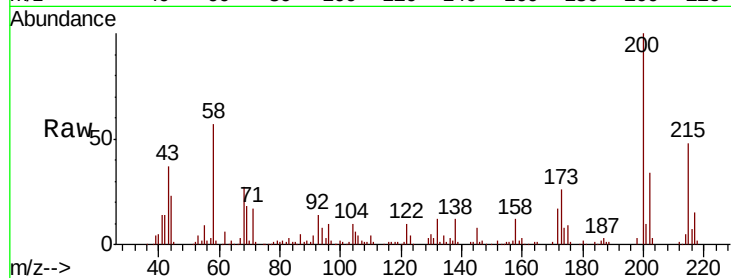
Tgt Ion:200 Resp: 96337

Ion Ratio Lower Upper

200 100

173 26.2 6.1 46.1

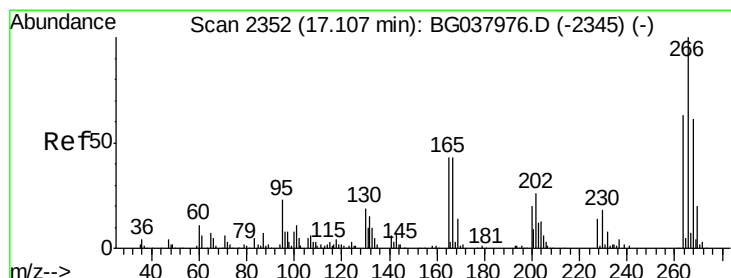
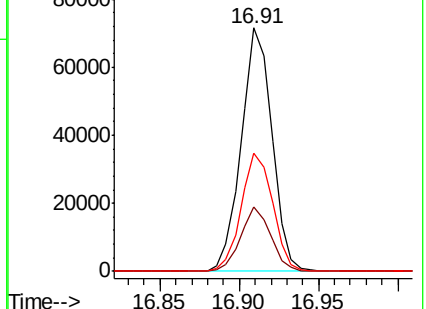
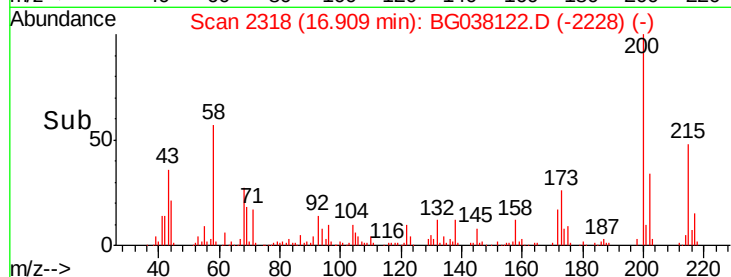
215 48.4 30.8 70.8



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: 50.728 ng

RT: 17.11 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

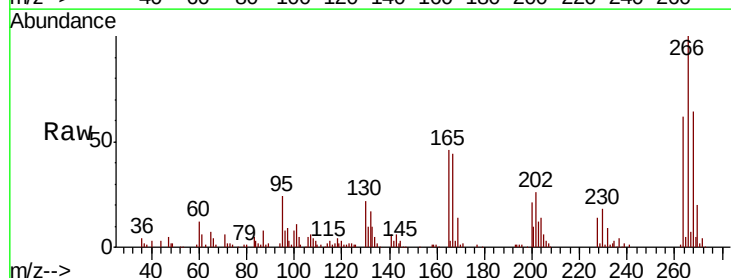
Tgt Ion:266 Resp: 96349

Ion Ratio Lower Upper

266 100

268 69.0 55.0 82.6

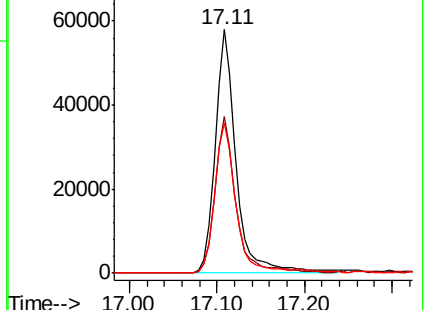
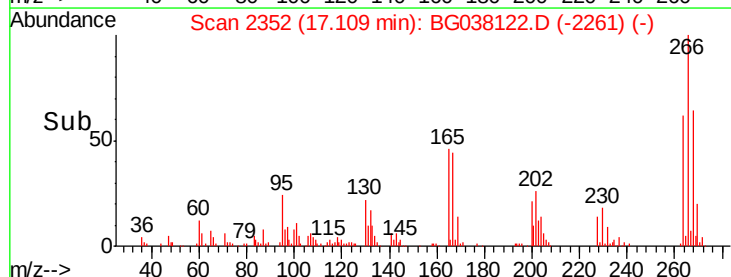
264 66.8 58.9 88.3

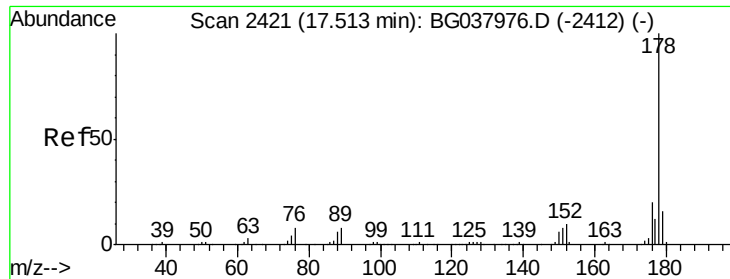


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

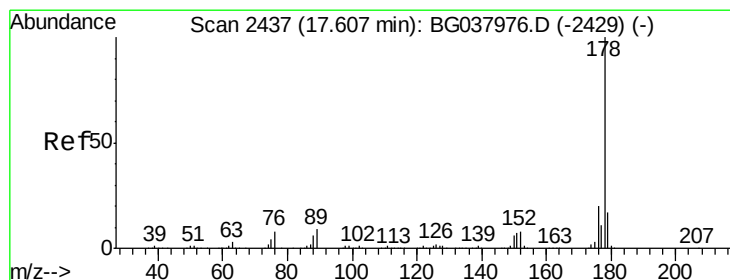
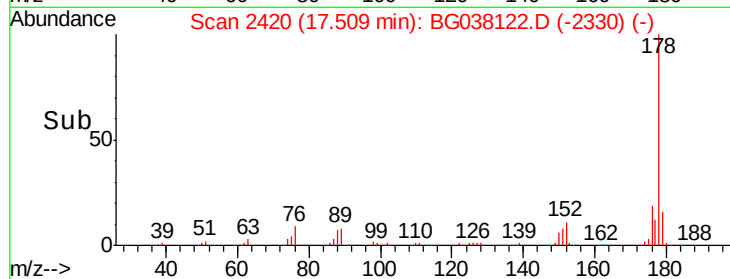
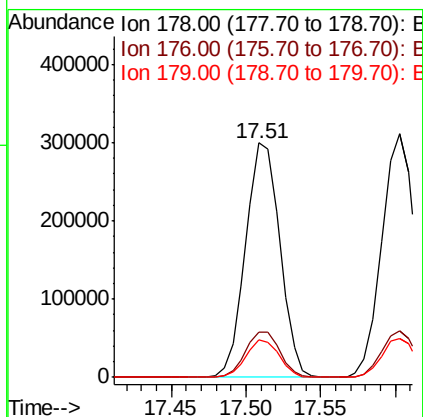
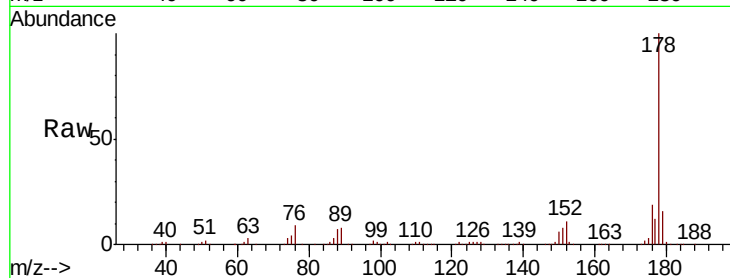




#71
Phenanthrene
Concen: 37.689 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

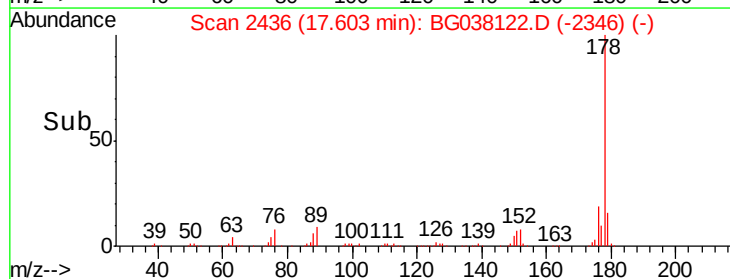
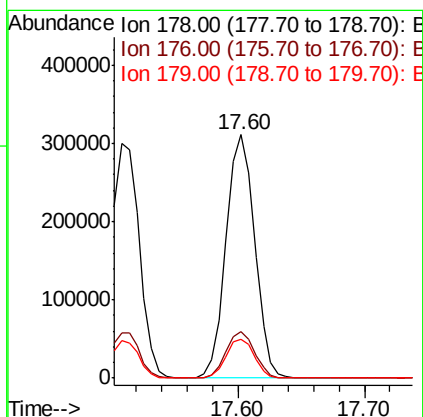
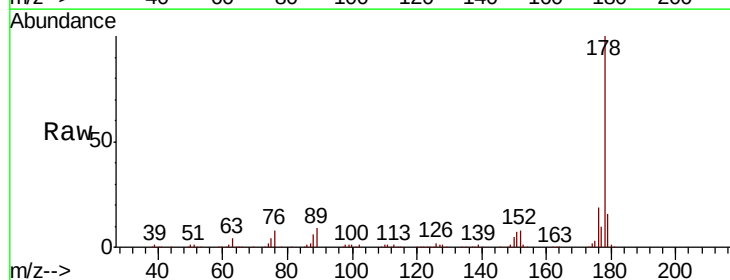
Instrument :
BNA_G
ClientSampleId :
PB115013BS

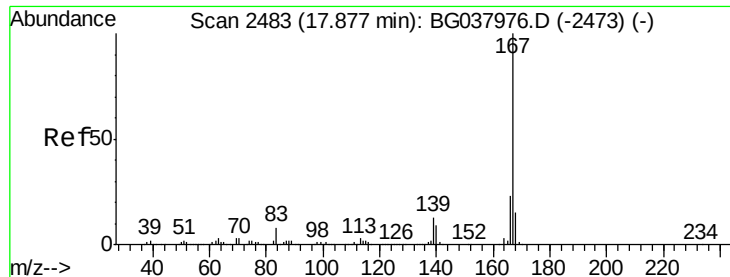
Tgt Ion:178 Resp: 476309
Ion Ratio Lower Upper
178 100
176 19.4 16.1 24.1
179 16.0 13.0 19.4



#72
Anthracene
Concen: 38.962 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

Tgt Ion:178 Resp: 485374
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 16.2 12.8 19.2





#73

Carbazole

Concen: 35.385 ng

RT: 17.87 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

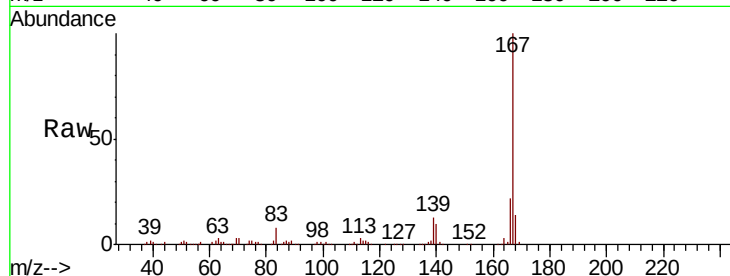
Tgt Ion:167 Resp: 442264

Ion Ratio Lower Upper

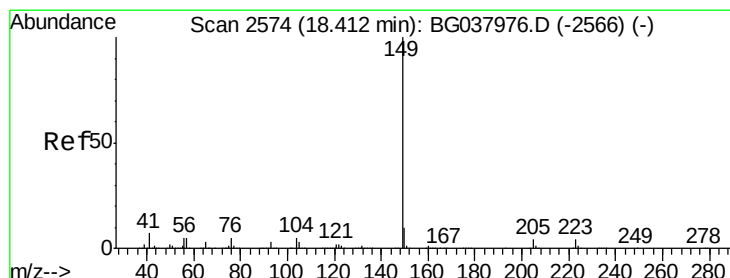
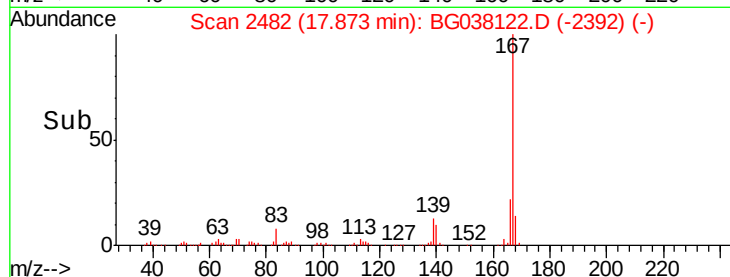
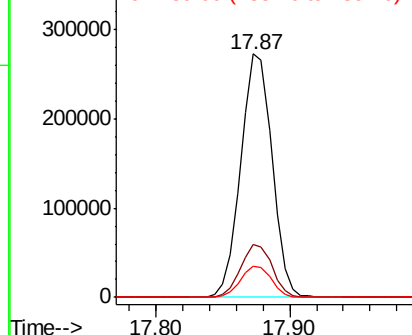
167 100

166 21.8 18.3 27.5

139 12.7 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: 37.929 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

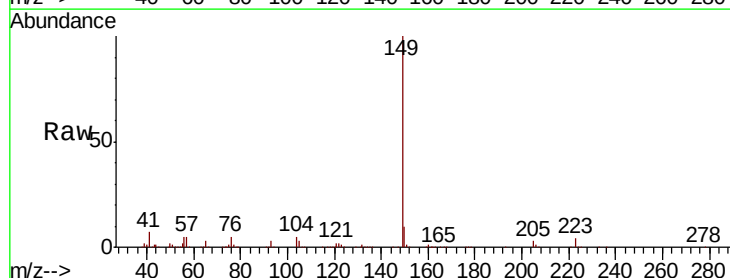
Tgt Ion:149 Resp: 532156

Ion Ratio Lower Upper

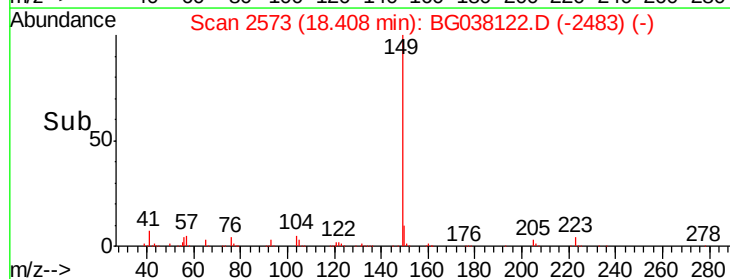
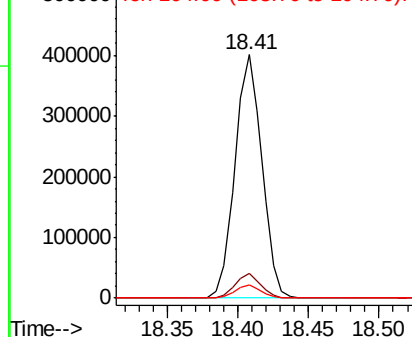
149 100

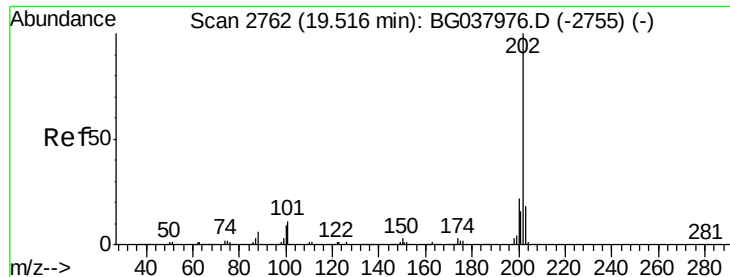
150 10.2 8.2 12.2

104 5.3 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: 38.748 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

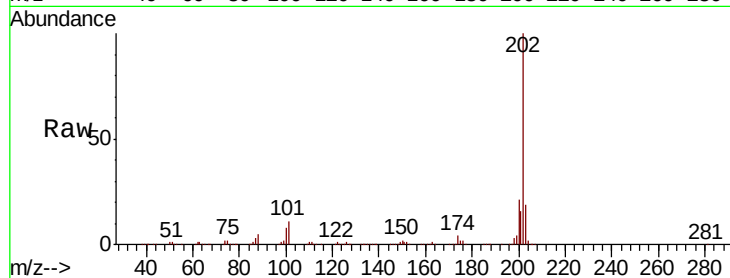
Tgt Ion:202 Resp: 558702

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.7

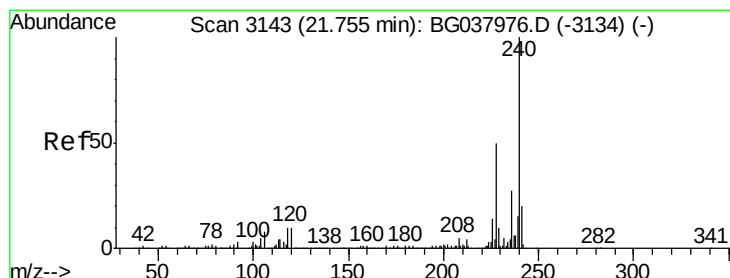
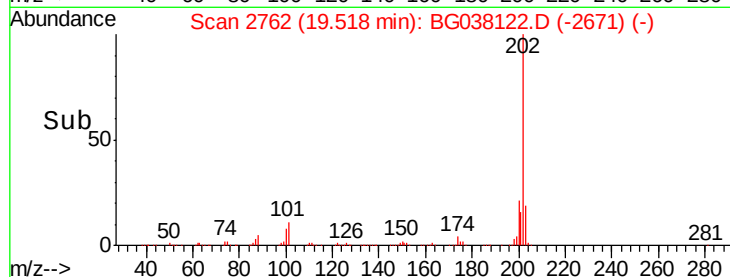
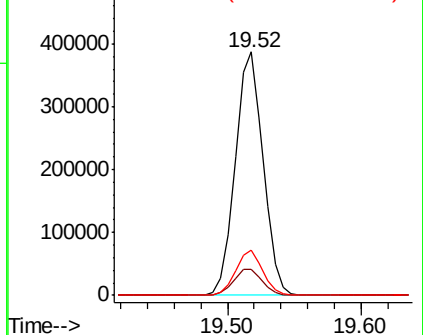
203 18.7 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

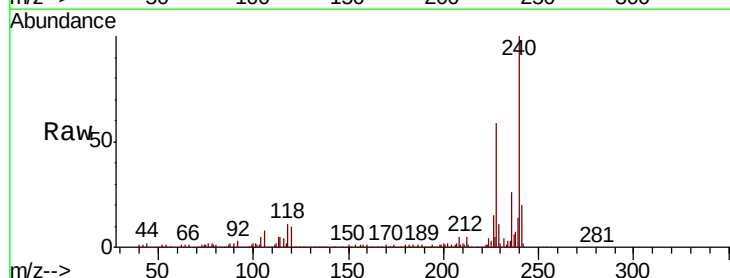
Tgt Ion:240 Resp: 225957

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

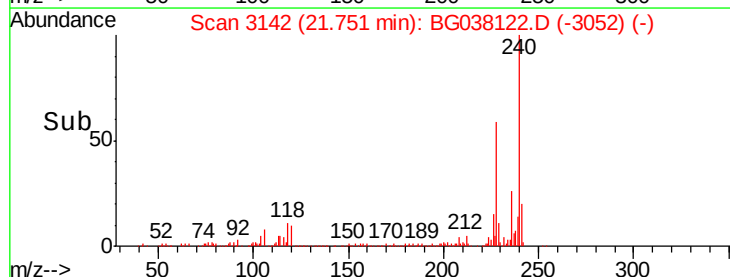
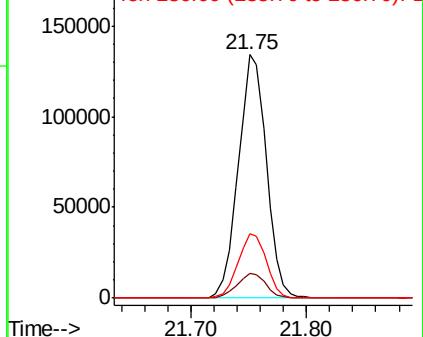
236 26.4 21.4 32.0

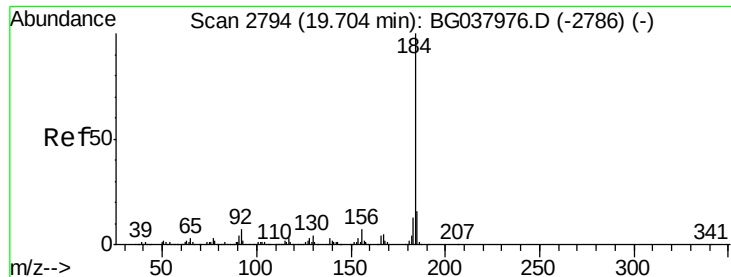


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.719 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

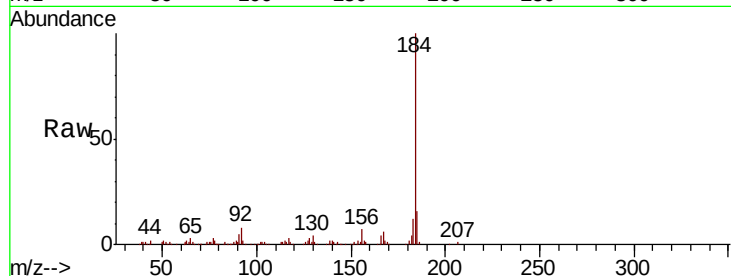
Tgt Ion:184 Resp: 156344

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

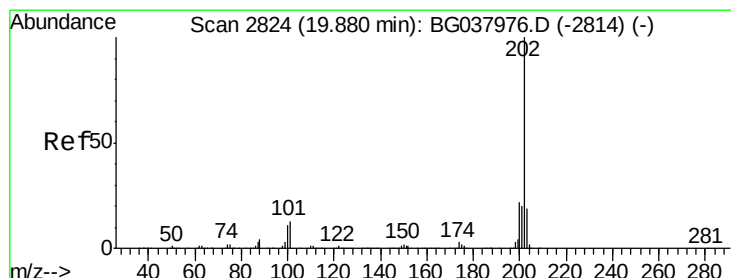
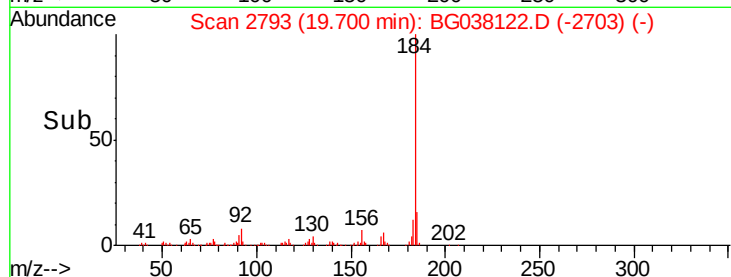
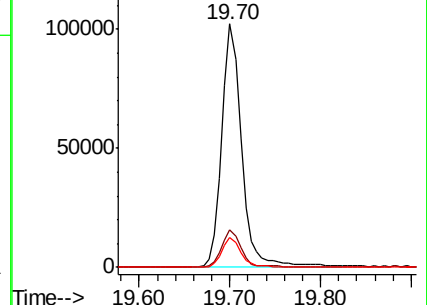
183 12.3 10.2 15.2



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: 38.240 ng

RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

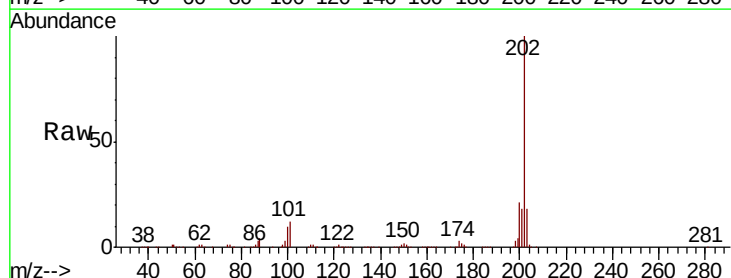
Tgt Ion:202 Resp: 564931

Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.6

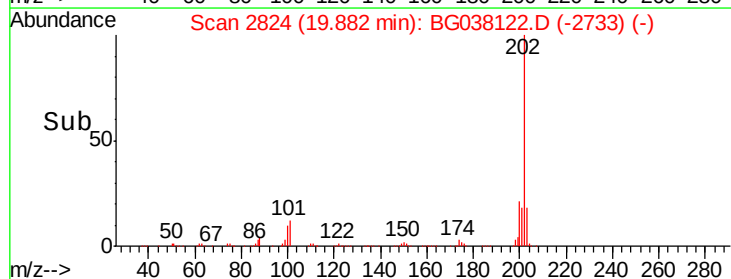
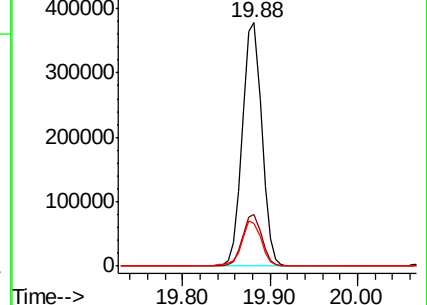
203 17.6 15.2 22.8

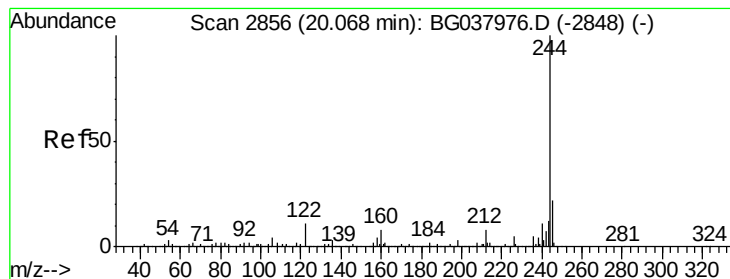


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.965 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

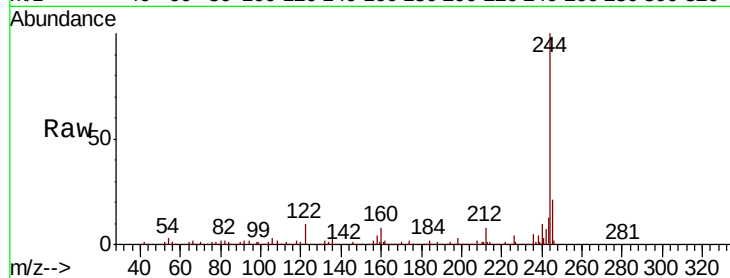
Tgt Ion:244 Resp: 719878

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

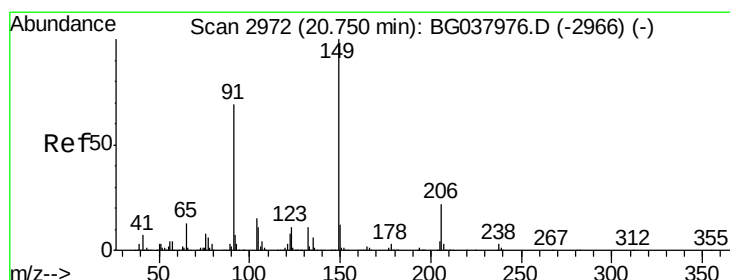
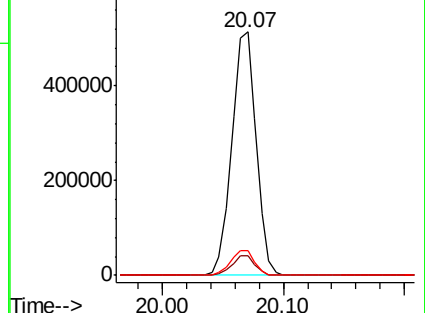
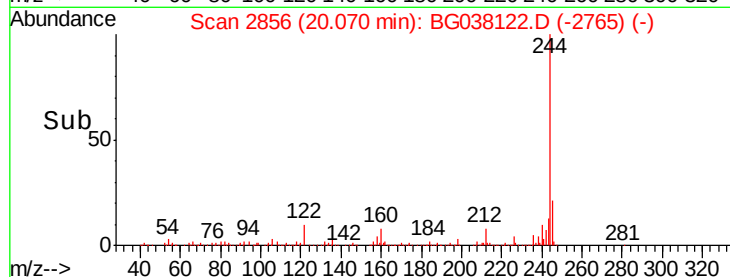
122 10.0 9.0 13.4



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: 37.701 ng

RT: 20.75 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

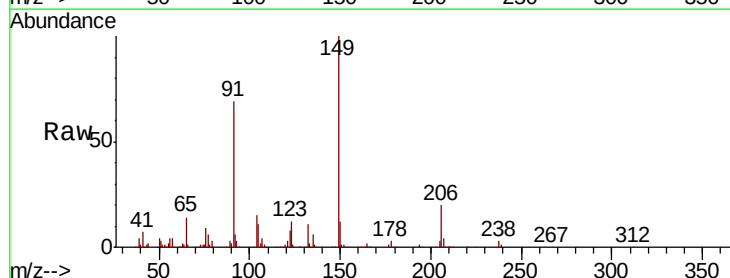
Tgt Ion:149 Resp: 243567

Ion Ratio Lower Upper

149 100

91 68.9 57.0 85.4

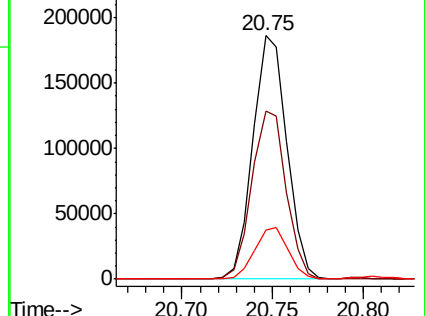
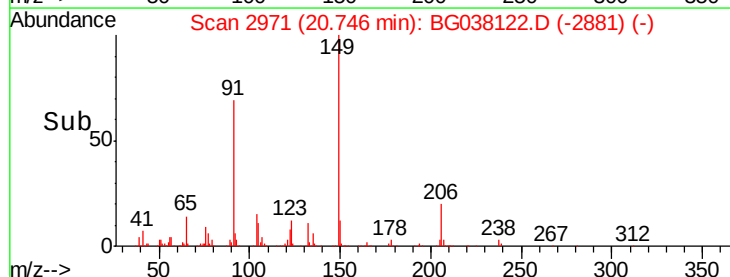
206 20.1 17.8 26.6

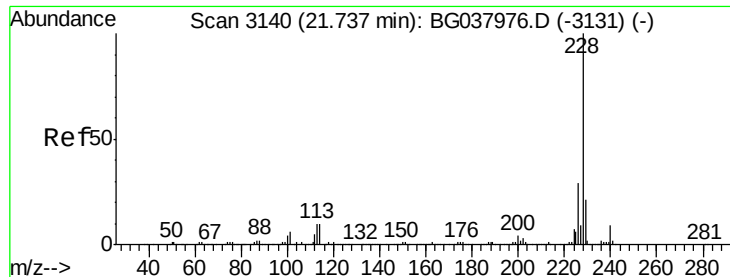


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.332 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

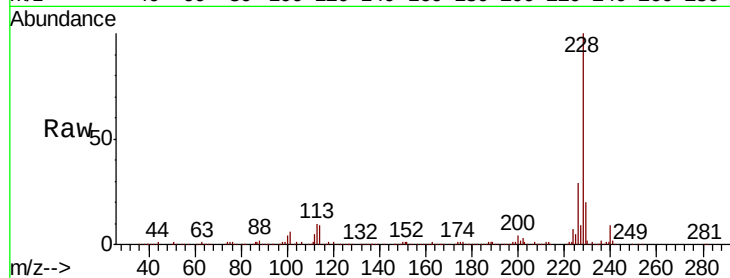
Tgt Ion:228 Resp: 537069

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

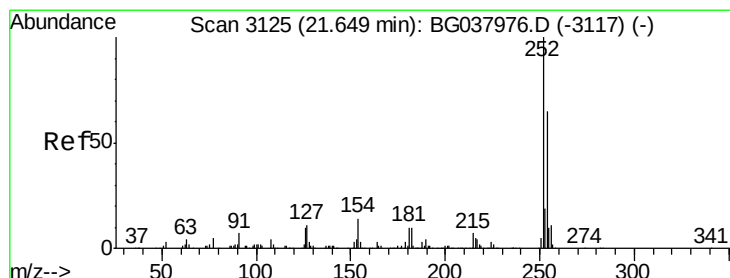
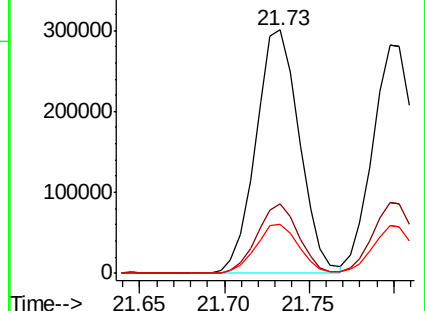
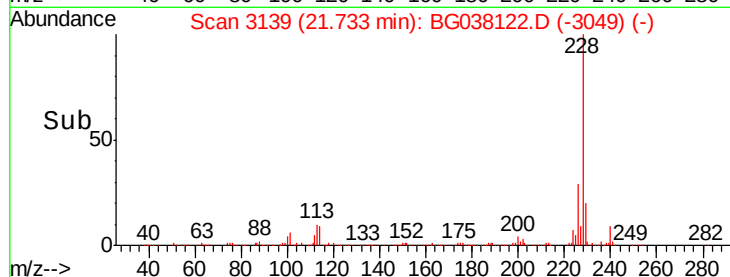
229 20.2 16.3 24.5



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: 19.832 ng

RT: 21.65 min Scan# 3125

Delta R.T. 0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

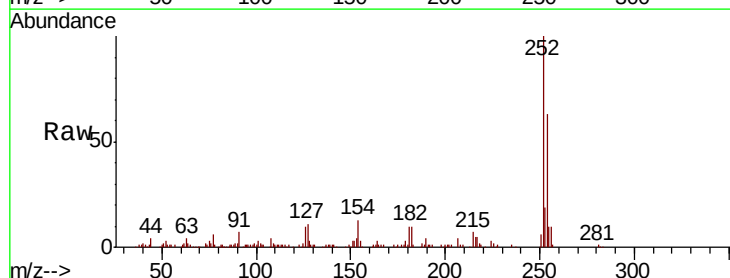
Tgt Ion:252 Resp: 105489

Ion Ratio Lower Upper

252 100

254 63.1 52.0 78.0

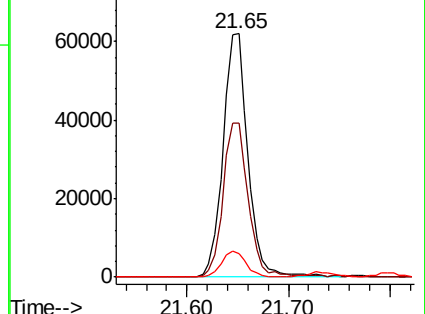
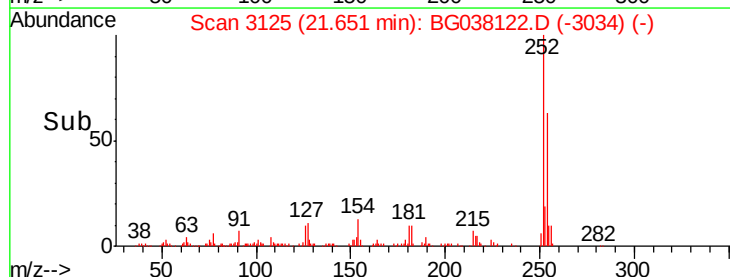
126 9.7 8.2 12.4

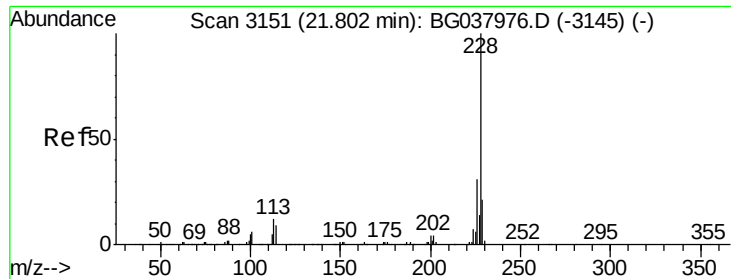


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.623 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

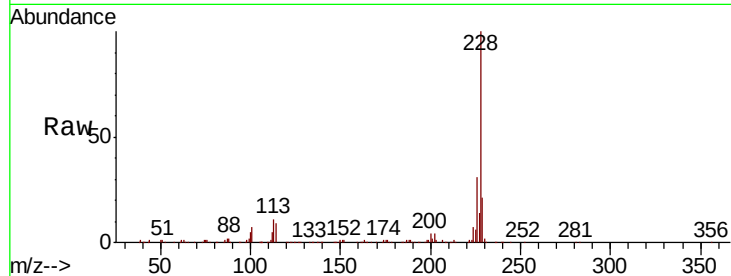
Tgt Ion:228 Resp: 491529

Ion Ratio Lower Upper

228 100

226 31.1 25.7 38.5

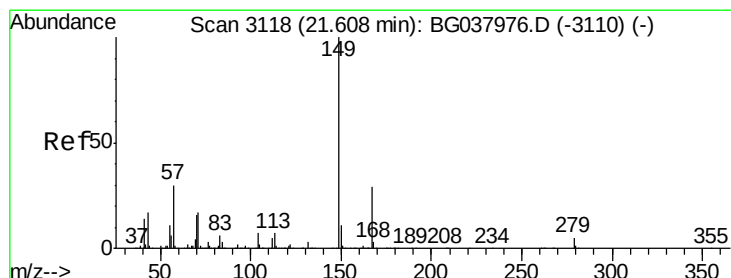
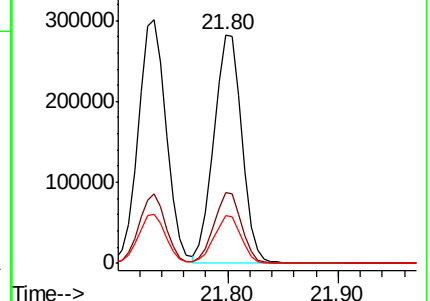
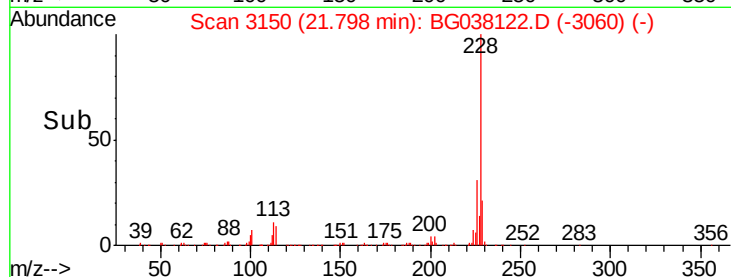
229 21.0 16.5 24.7



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: 37.273 ng

RT: 21.60 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

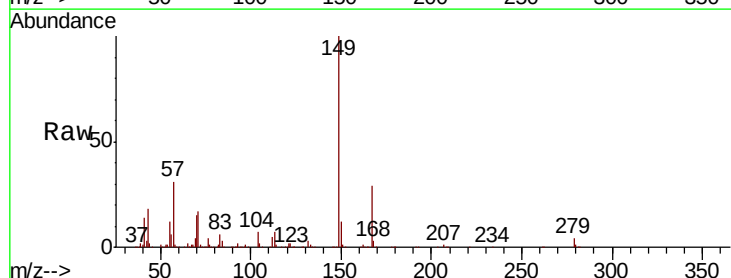
Tgt Ion:149 Resp: 343414

Ion Ratio Lower Upper

149 100

167 28.8 23.0 34.4

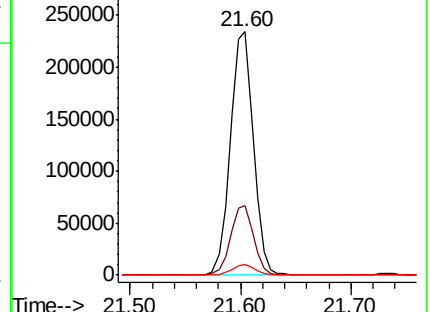
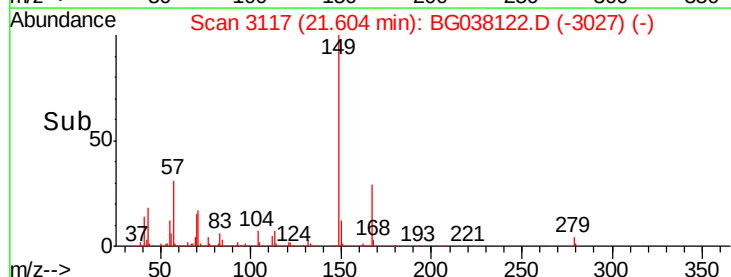
279 4.4 3.6 5.4

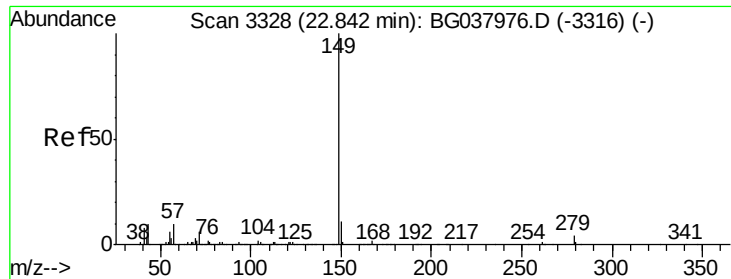


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

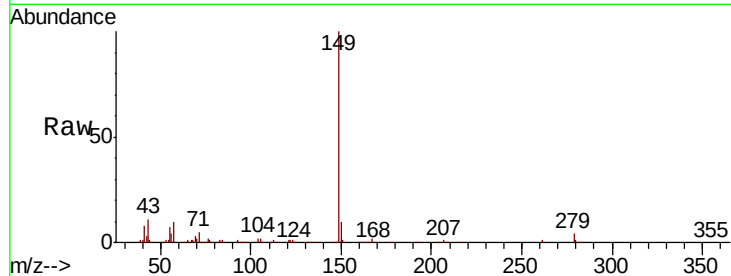




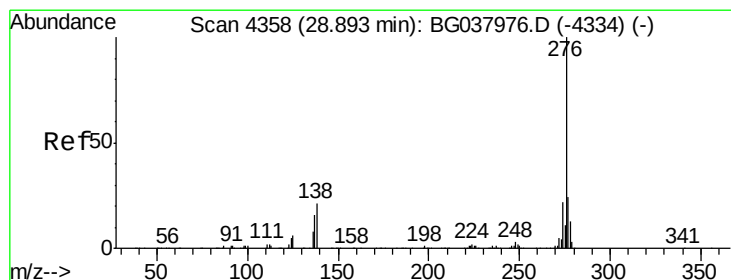
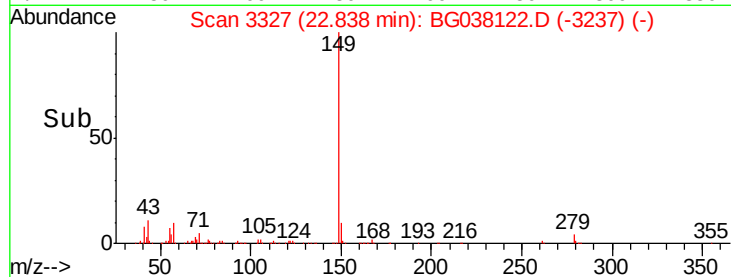
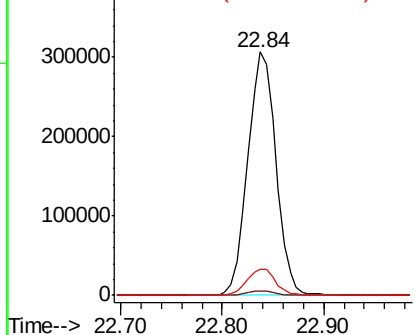
#85
Di-n-octyl phthalate
Concen: 39.614 ng
RT: 22.84 min Scan# 3327
Delta R.T. -0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB115013BS

Tgt Ion:149 Resp: 590462
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.2 8.7 13.1

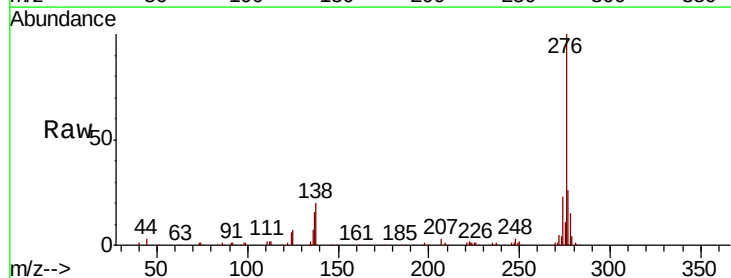


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

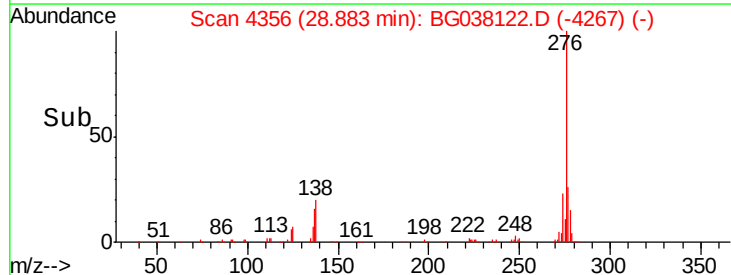
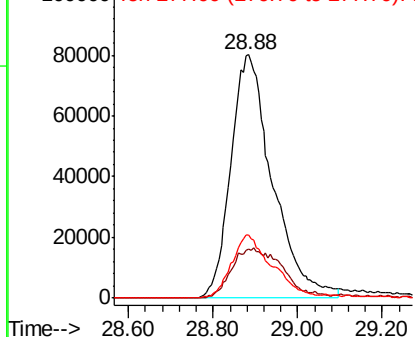


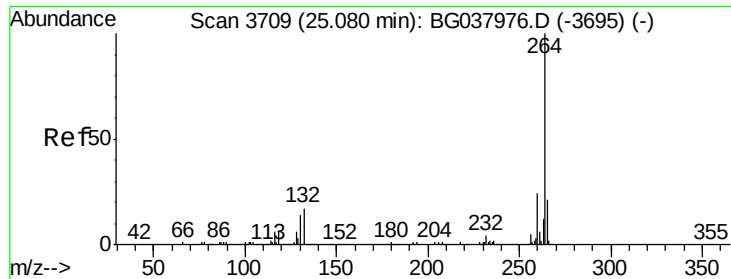
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.727 ng
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

Tgt Ion:276 Resp: 547425
Ion Ratio Lower Upper
276 100
138 14.8 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

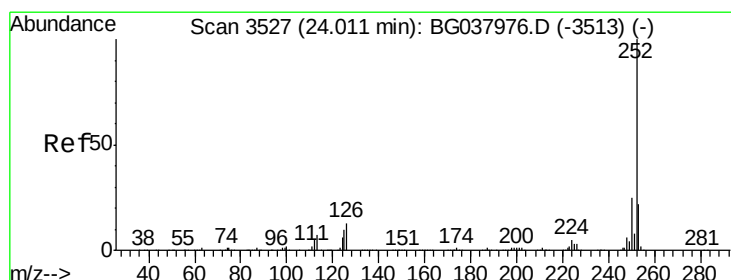
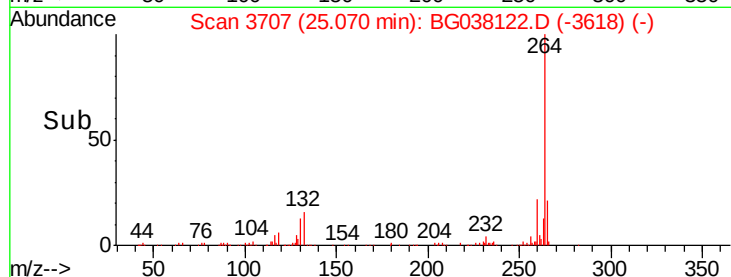
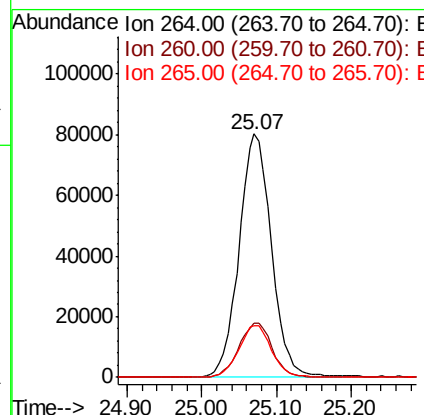
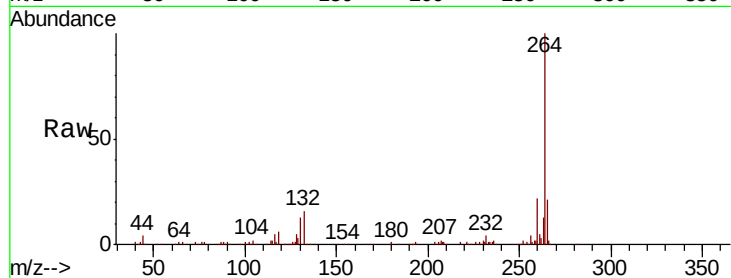




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

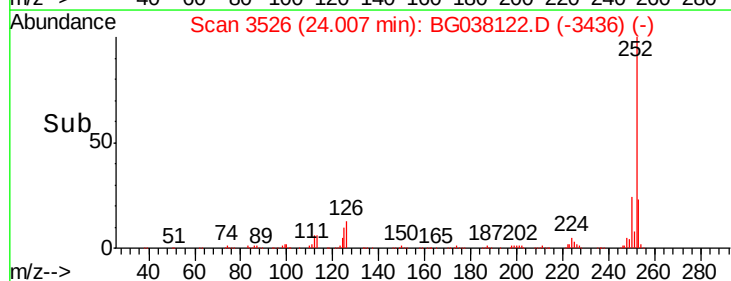
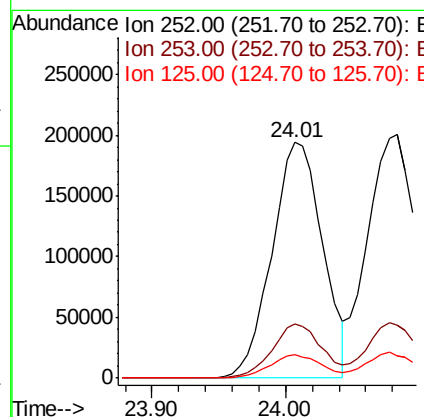
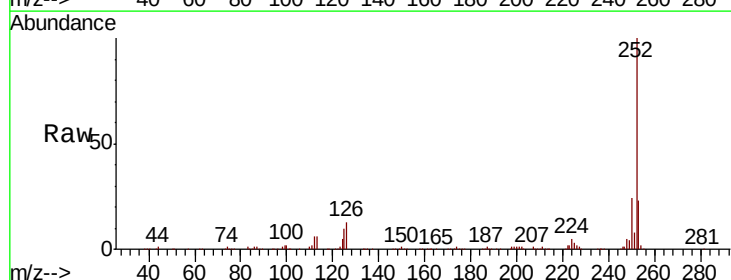
Instrument :
BNA_G
ClientSampleId :
PB115013BS

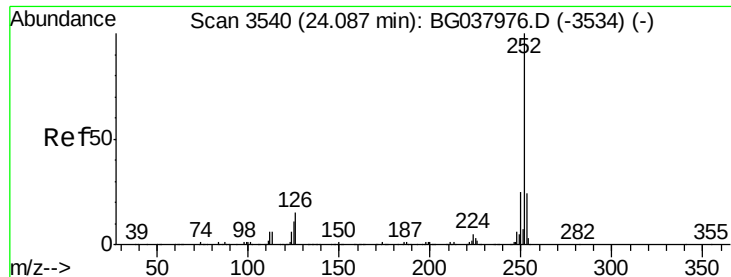
Tgt Ion:264 Resp: 241534
Ion Ratio Lower Upper
264 100
260 22.2 18.2 27.4
265 21.0 17.9 26.9



#88
Benzo(b)fluoranthene
Concen: 38.531 ng
RT: 24.01 min Scan# 3526
Delta R.T. -0.00 min
Lab File: BG038122.D
Acq: 21 Nov 2018 18:16

Tgt Ion:252 Resp: 512146
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 10.0 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 39.442 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

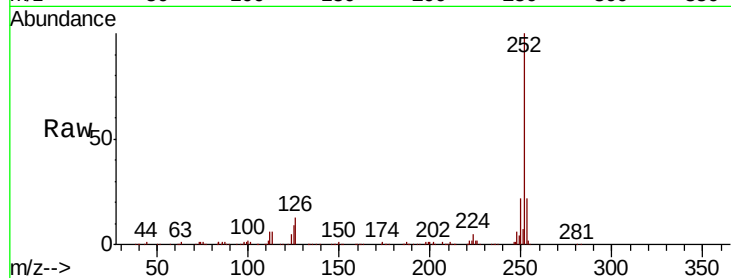
Tgt Ion:252 Resp: 517309

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

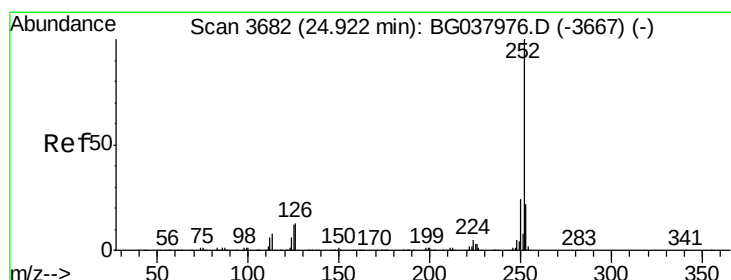
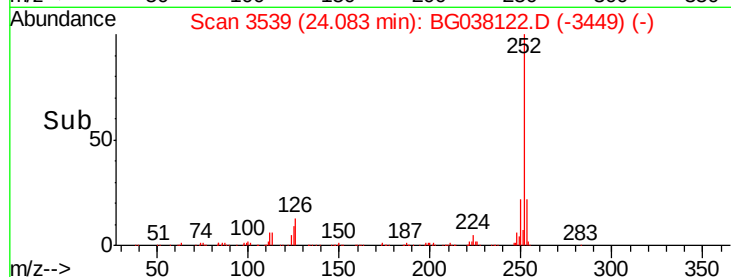
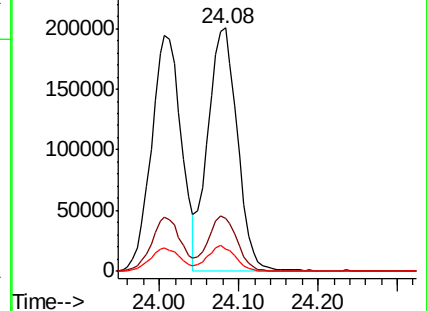
125 9.2 7.4 11.0



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: 40.272 ng

RT: 24.92 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

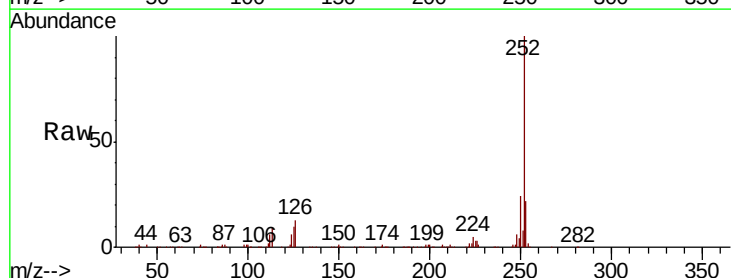
Tgt Ion:252 Resp: 511563

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

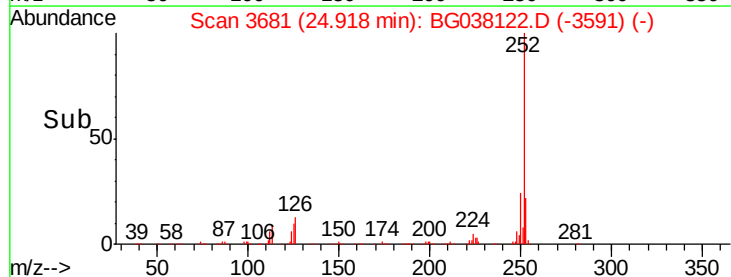
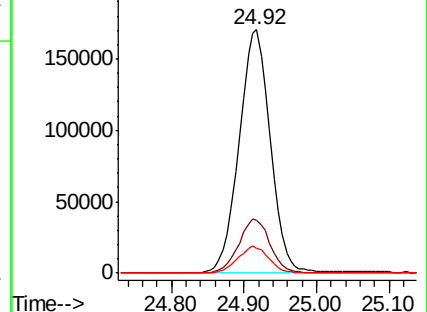
125 10.3 9.0 13.6

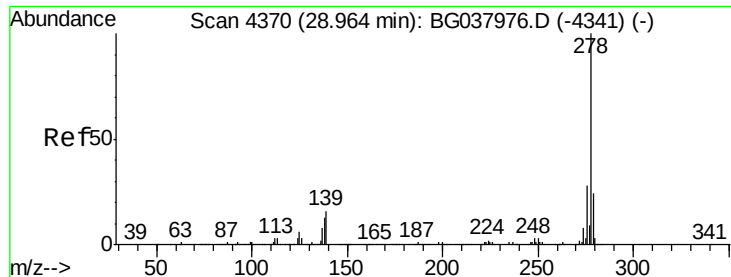


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 36.533 ng

RT: 28.95 min Scan# 4368

Delta R.T. -0.01 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB115013BS

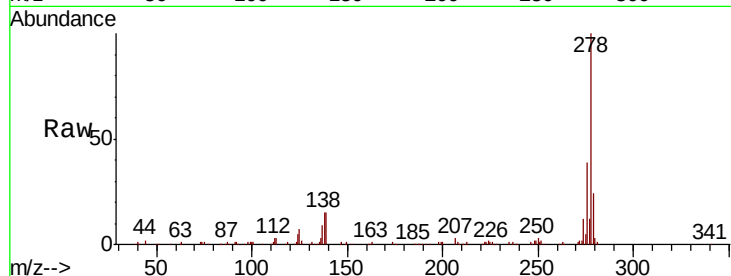
Tgt Ion:278 Resp: 446516

Ion Ratio Lower Upper

278 100

139 15.5 11.5 17.3

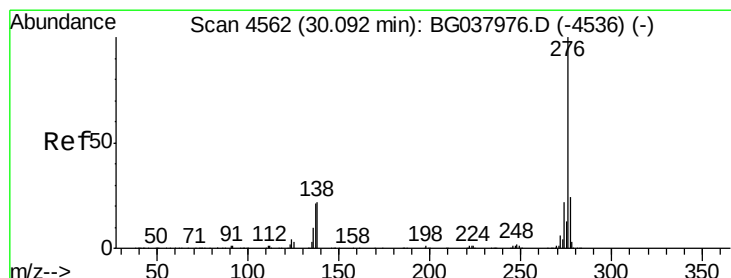
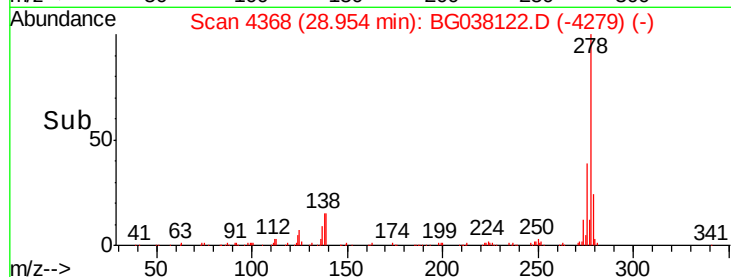
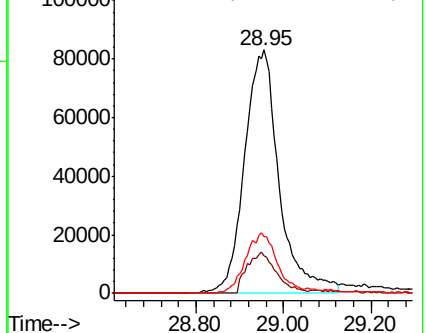
279 23.5 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.209 ng

RT: 30.08 min Scan# 4560

Delta R.T. -0.01 min

Lab File: BG038122.D

Acq: 21 Nov 2018 18:16

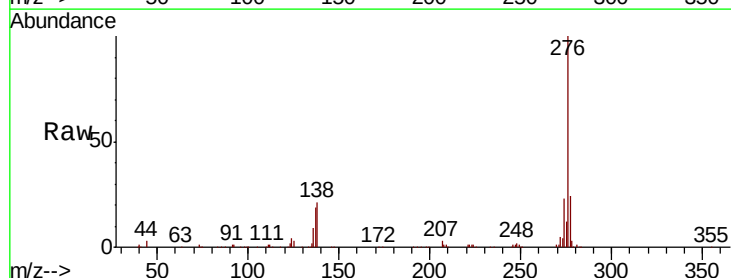
Tgt Ion:276 Resp: 440037

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 20.5 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

