

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\
 Data File : BG038234.D
 Acq On : 29 Nov 2018 15:44
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 29 17:07:32 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	52392	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	235157	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	139808	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	312425	20.00	ng	0.00
76) Chrysene-d12	21.75	240	286383	20.00	ng	0.00
87) Perylene-d12	25.07	264	303836	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	248674	81.95	ng	0.00
7) Phenol-d6	7.24	99	369808	85.38	ng	0.00
23) Nitrobenzene-d5	9.26	82	378909	86.25	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	132970	83.39	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	797338	83.09	ng	0.00
79) Terphenyl-d14	20.07	244	1010537	83.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	49749	34.709	ng	97
3) Pyridine	3.92	79	148991	36.441	ng	90
4) n-Nitrosodimethylamine	3.85	42	72377	48.794	ng	# 88
6) Aniline	7.41	93	232376	41.567	ng	98
8) 2-Chlorophenol	7.64	128	149976	42.595	ng	96
9) Benzaldehyde	7.22	77	116781	37.281	ng	93
10) Phenol	7.26	94	194706	42.438	ng	93
11) bis(2-Chloroethyl)ether	7.51	93	157950	42.169	ng	99
12) 1,3-Dichlorobenzene	7.97	146	168612	41.568	ng	98
13) 1,4-Dichlorobenzene	8.12	146	168807	41.198	ng	99
14) 1,2-Dichlorobenzene	8.44	146	160267	40.968	ng	98
15) Benzyl Alcohol	8.33	79	148215	47.289	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.60	45	338928	48.730	ng	97
17) 2-Methylphenol	8.52	107	135161	43.574	ng	97
18) Hexachloroethane	9.17	117	63970	42.898	ng	99
19) n-Nitroso-di-n-propylamine	8.89	70	131748	42.036	ng	92
20) 3+4-Methylphenols	8.85	107	189573	43.112	ng	97
22) Acetophenone	8.92	105	237058	40.517	ng	95
24) Nitrobenzene	9.30	77	195009	43.395	ng	98
25) Isophorone	9.82	82	330155	41.755	ng	99
26) 2-Nitrophenol	10.01	139	96053	42.815	ng	92
27) 2,4-Dimethylphenol	10.06	122	142479	42.152	ng	98
28) bis(2-Chloroethoxy)methane	10.30	93	207171	40.975	ng	98
29) 2,4-Dichlorophenol	10.54	162	161798	42.556	ng	99
30) 1,2,4-Trichlorobenzene	10.76	180	175760	41.253	ng	97
31) Naphthalene	10.95	128	469295	40.575	ng	99
32) Benzoic acid	10.21	122	79501	39.475	ng	94
33) 4-Chloroaniline	11.07	127	221324	41.137	ng	97
34) Hexachlorobutadiene	11.21	225	109659	41.821	ng	100
35) Caprolactam	11.87	113	61026	40.101	ng	# 82
36) 4-Chloro-3-methylphenol	12.17	107	175961	42.362	ng	97
37) 2-Methylnaphthalene	12.55	142	335054	40.329	ng	98
38) 1-Methylnaphthalene	12.77	142	322228	40.293	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	202233	43.288	ng	100

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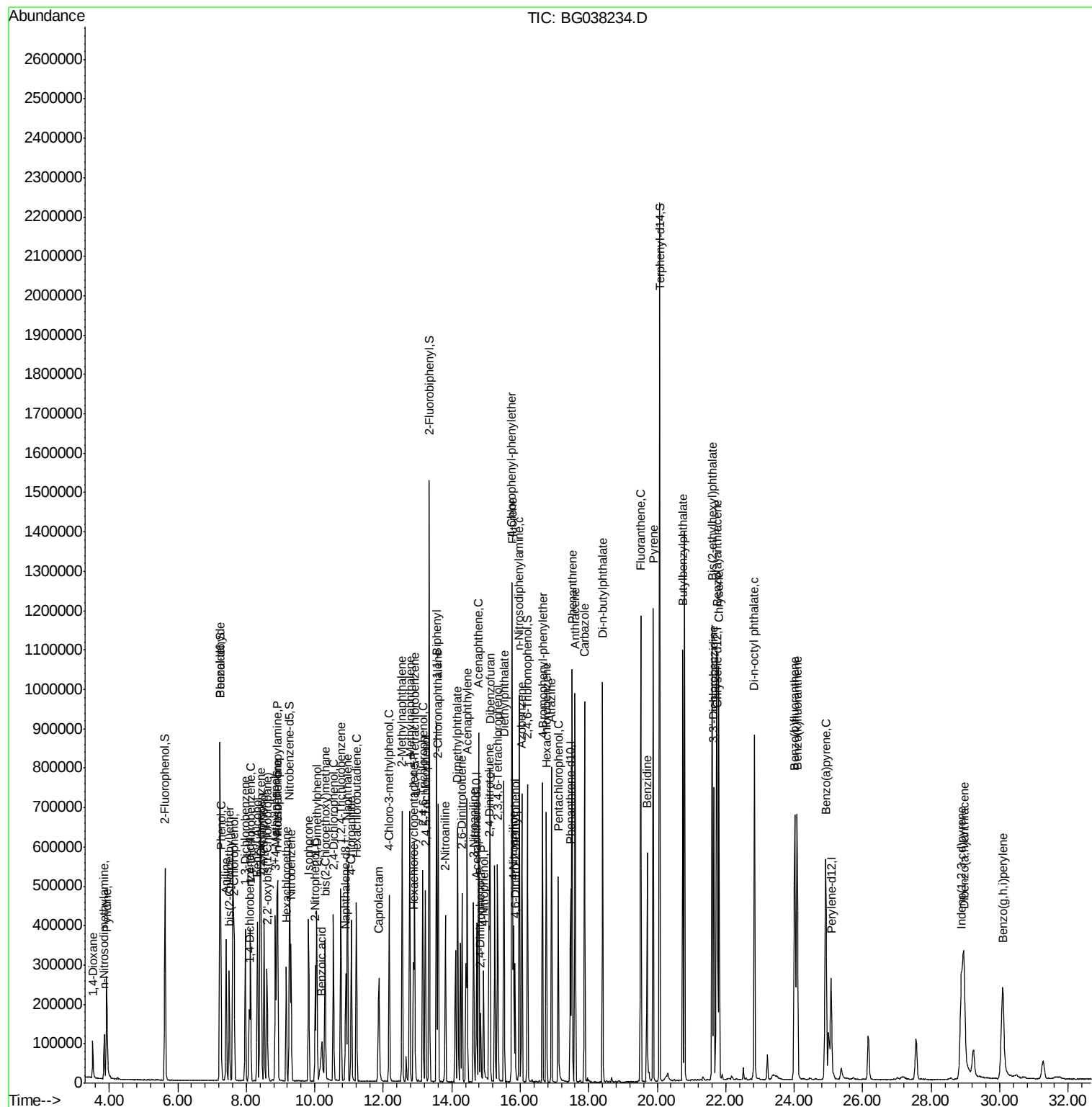
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	95751	38.276	ng	97
43) 2,4,6-Trichlorophenol	13.15	196	136707	42.942	ng	100
44) 2,4,5-Trichlorophenol	13.23	196	141160	42.142	ng	97
46) 1,1'-Biphenyl	13.56	154	493655	42.030	ng	99
47) 2-Chloronaphthalene	13.60	162	370495	41.337	ng	100
48) 2-Nitroaniline	13.82	65	130699	46.333	ng	98
49) Acenaphthylene	14.44	152	560620	41.595	ng	99
50) Dimethylphthalate	14.17	163	454880	41.041	ng	99
51) 2,6-Dinitrotoluene	14.30	165	105960	42.240	ng	96
52) Acenaphthene	14.79	154	336890	41.519	ng	97
53) 3-Nitroaniline	14.64	138	114587	41.396	ng	# 98
54) 2,4-Dinitrophenol	14.84	184	45243	38.824	ng	88
55) Dibenzofuran	15.11	168	548095	40.851	ng	97
56) 4-Nitrophenol	14.93	139	76243	35.713	ng	88
57) 2,4-Dinitrotoluene	15.09	165	146198	42.835	ng	94
58) Fluorene	15.77	166	406730	40.630	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	118115	42.141	ng	98
60) Diethylphthalate	15.53	149	484439	41.150	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	240682	41.089	ng	99
62) 4-Nitroaniline	15.80	138	111735	40.634	ng	93
63) Azobenzene	16.04	77	445415	42.316	ng	96
65) 4,6-Dinitro-2-methylphenol	15.85	198	71795	36.332	ng	93
66) n-Nitrosodiphenylamine	15.97	169	396408	41.940	ng	100
67) 4-Bromophenyl-phenylether	16.65	248	147373	42.977	ng	97
68) Hexachlorobenzene	16.76	284	150889	42.629	ng	98
69) Atrazine	16.91	200	145642	41.800	ng	99
70) Pentachlorophenol	17.11	266	108195	45.007	ng	97
71) Phenanthrene	17.51	178	655998	41.011	ng	99
72) Anthracene	17.60	178	651330	41.308	ng	99
73) Carbazole	17.88	167	648881	41.018	ng	99
74) Di-n-butylphthalate	18.40	149	764798	43.068	ng	98
75) Fluoranthene	19.52	202	757728	41.519	ng	99
77) Benzidine	19.70	184	379974	37.812	ng	99
78) Pyrene	19.88	202	768245	41.030	ng	99
80) Butylbenzylphthalate	20.75	149	351511	42.929	ng	98
81) Benzo(a)anthracene	21.73	228	711581	41.117	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	281098	41.697	ng	99
83) Chrysene	21.80	228	681566	41.161	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	495948	42.471	ng	100
85) Di-n-octyl phthalate	22.84	149	823397	43.586	ng	97
86) Indeno(1,2,3-cd)pyrene	28.88	276	682024	37.086	ng	99
88) Benzo(b)fluoranthene	24.02	252	698588	41.781	ng	99
89) Benzo(k)fluoranthene	24.09	252	687724	41.684	ng	98
90) Benzo(a)pyrene	24.92	252	679866	42.547	ng	97
91) Dibenzo(a,h)anthracene	28.96	278	555661	36.141	ng	98
92) Benzo(g,h,i)perylene	30.09	276	567360	37.113	ng	99

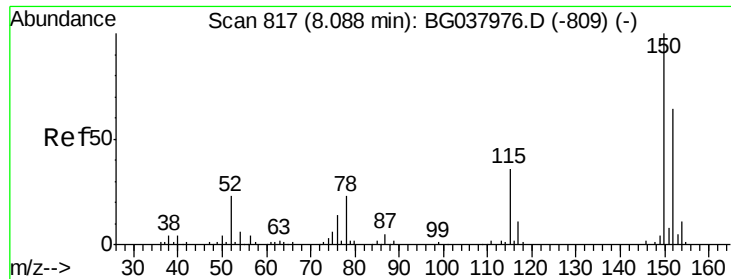
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
BNA_G
ClientSampled :

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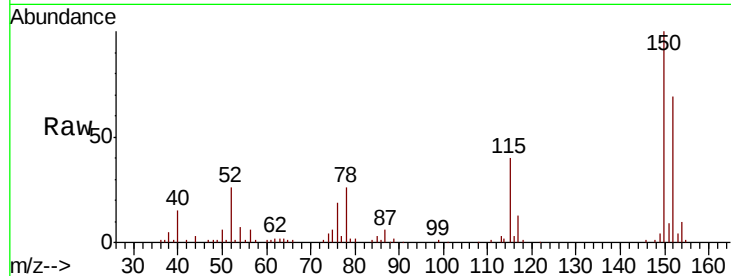


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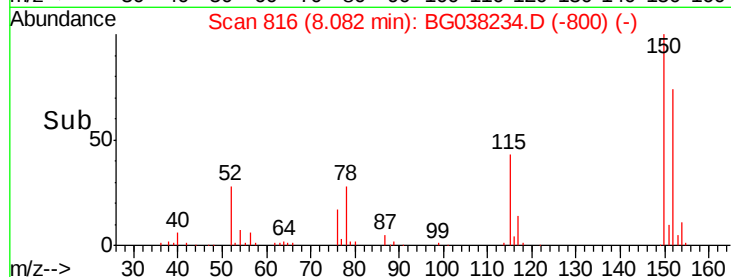
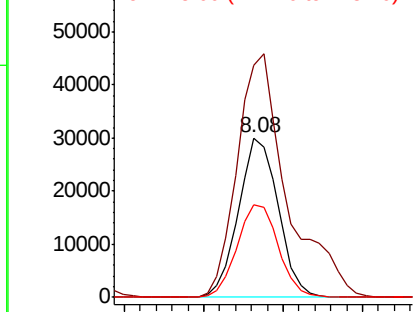
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 52392
Ion Ratio Lower Upper
152 100
150 145.3 126.0 189.0
115 58.3 45.5 68.3



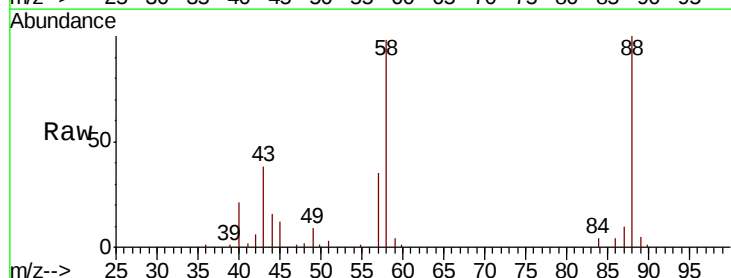
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



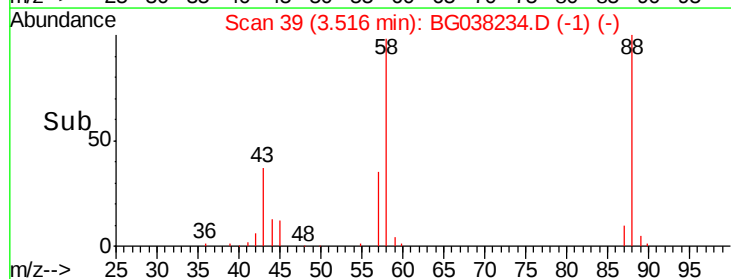
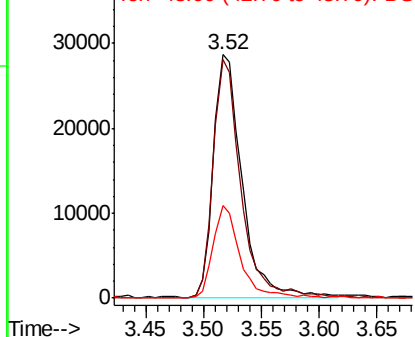
#2

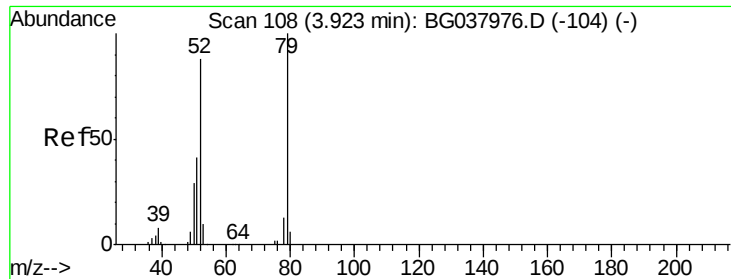
1,4-Dioxane
Concen: 34.709 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

Tgt Ion: 88 Resp: 49749
Ion Ratio Lower Upper
88 100
58 95.3 74.4 111.6
43 36.0 25.8 38.8



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





#3

Pvridine

Concen: 36.441 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA_G

ClientSampleId :

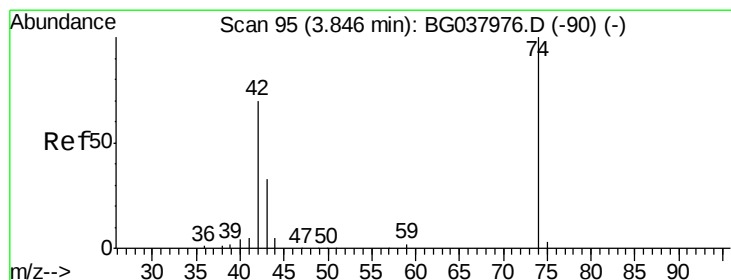
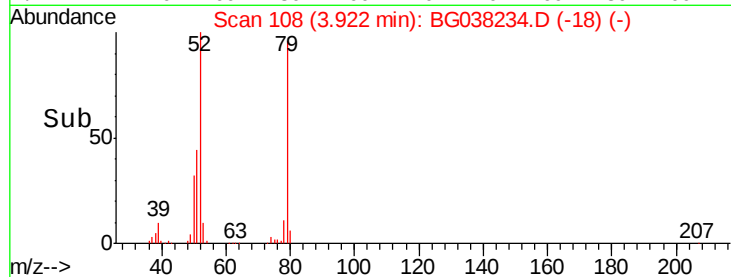
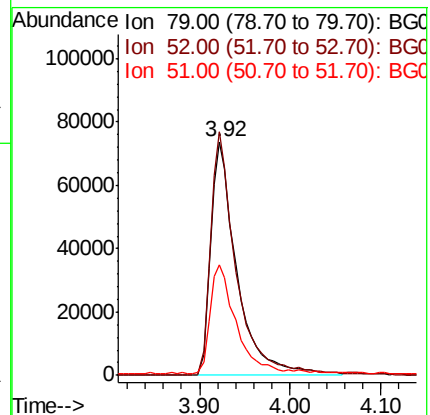
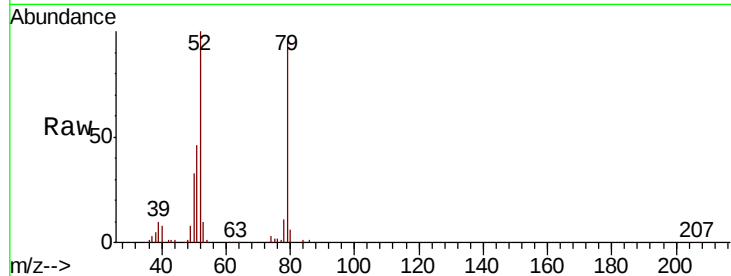
Tot Ion: 79 Resp: 148991

Ion Ratio Lower Upper

79 100

52 104.1 74.2 111.2

51 47.4 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 48.794 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

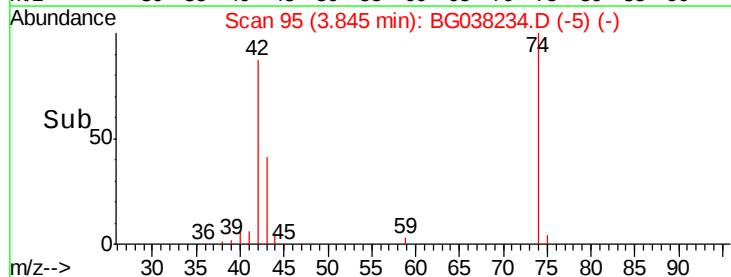
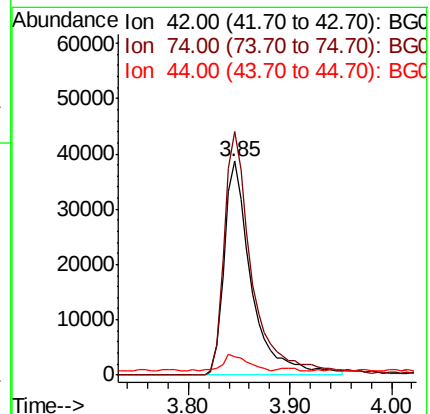
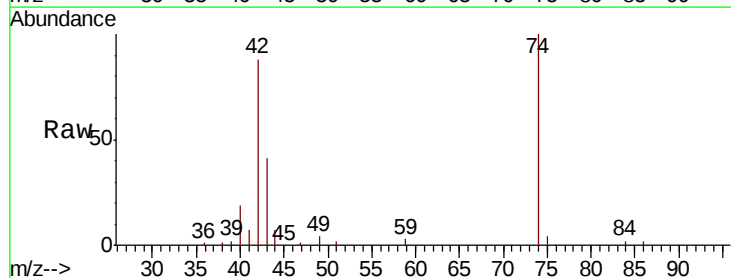
Tgt Ion: 42 Resp: 72377

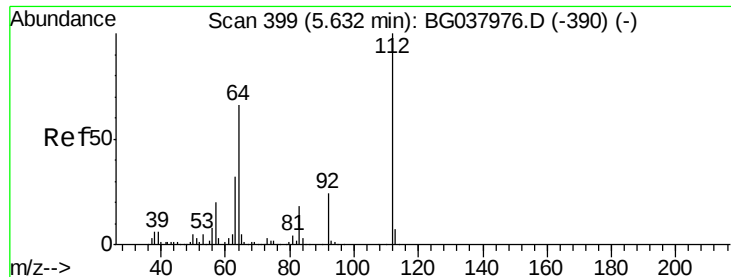
Ion Ratio Lower Upper

42 100

74 113.8 102.0 153.0

44 8.5 9.6 14.4#





#5

2-Fluorophenol

Concen: 81.950 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.01 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA_G

ClientSampleId :

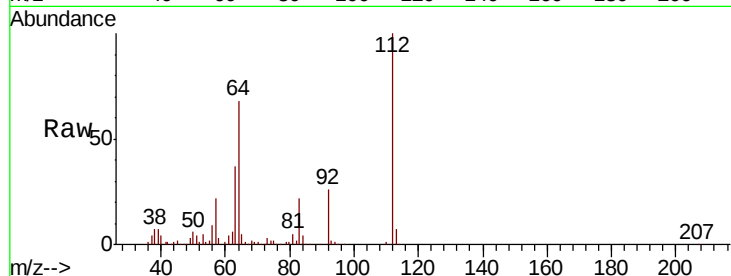
Tot Ion:112 Resp: 248674

Ion Ratio Lower Upper

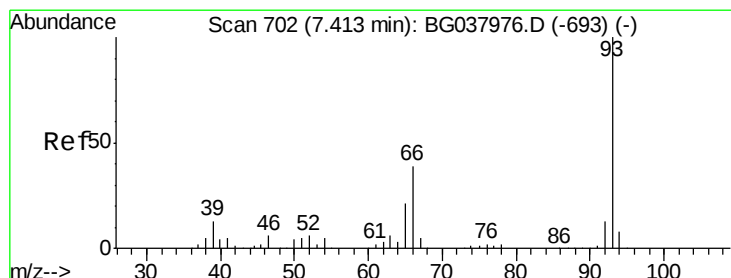
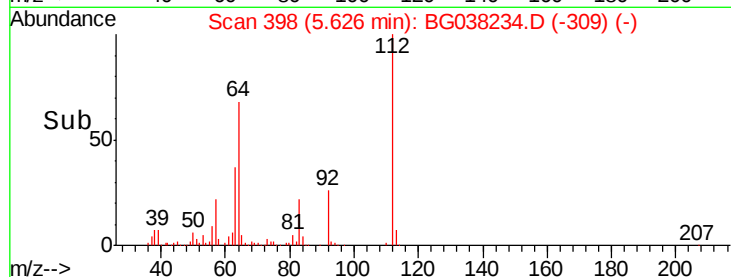
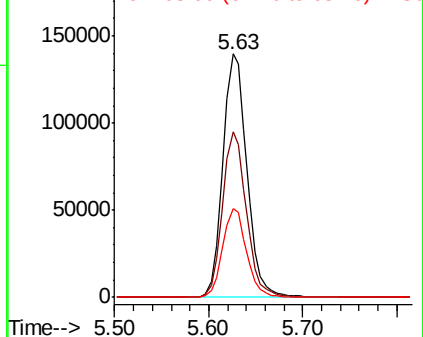
112 100

64 68.2 53.1 79.7

63 36.7 27.3 40.9



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



#6

Aniline

Concen: 41.567 ng

RT: 7.41 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

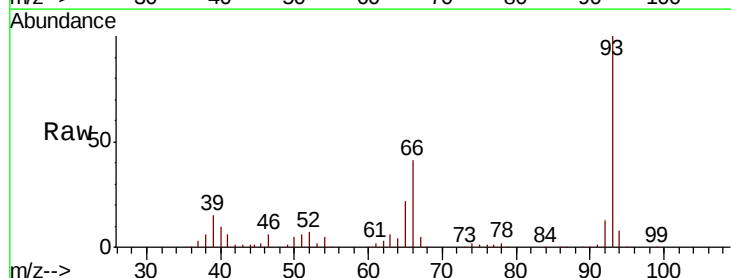
Tgt Ion: 93 Resp: 232376

Ion Ratio Lower Upper

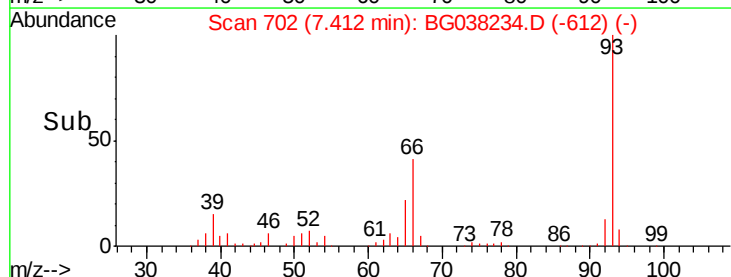
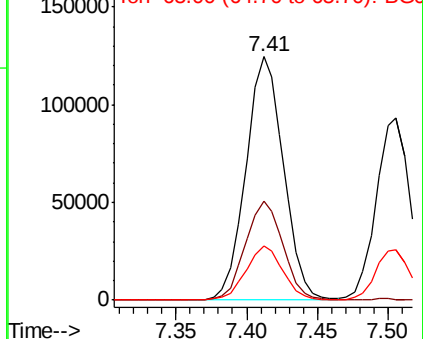
93 100

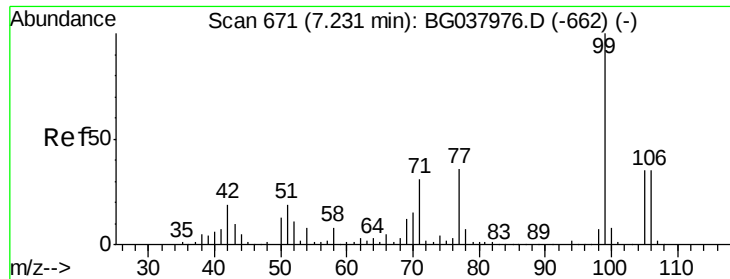
66 40.5 32.8 49.2

65 22.5 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: 85.376 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA_G

ClientSampled :

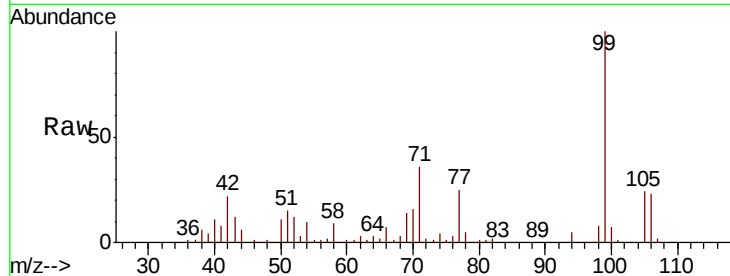
Tot Ion: 99 Resp: 369808

Ion Ratio Lower Upper

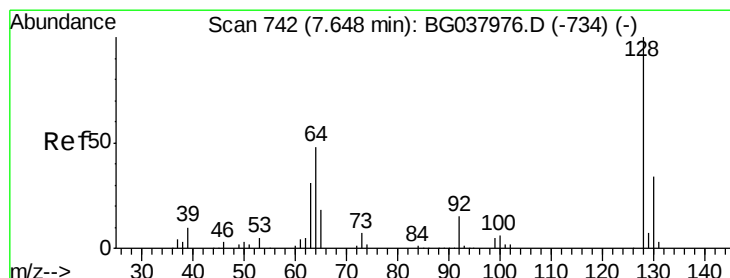
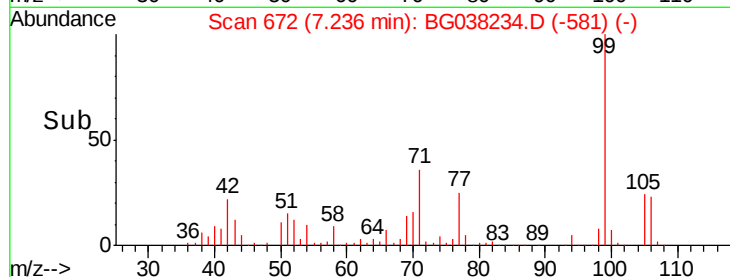
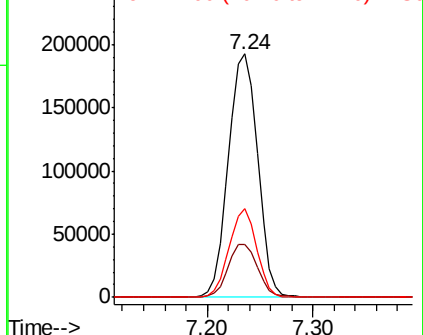
99 100

42 22.0 15.0 22.4

71 36.2 25.5 38.3



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



#8

2-Chlorophenol

Concen: 42.595 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

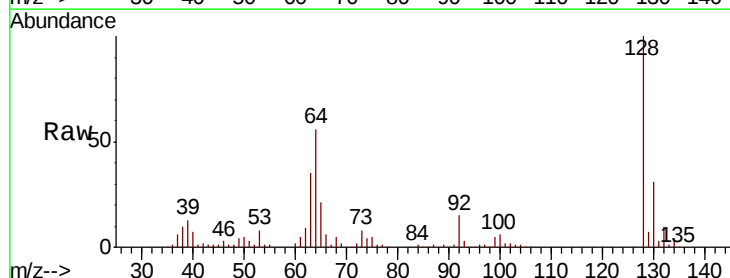
Tgt Ion: 128 Resp: 149976

Ion Ratio Lower Upper

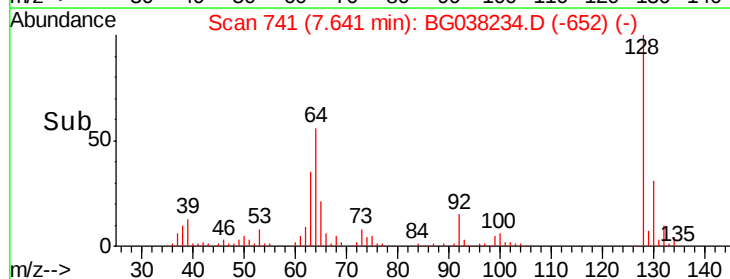
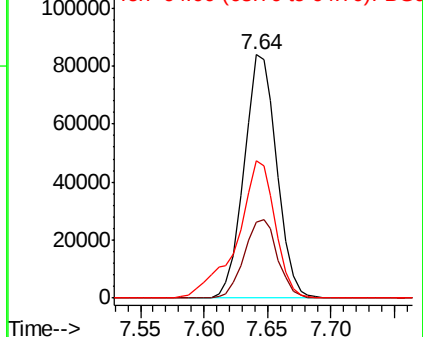
128 100

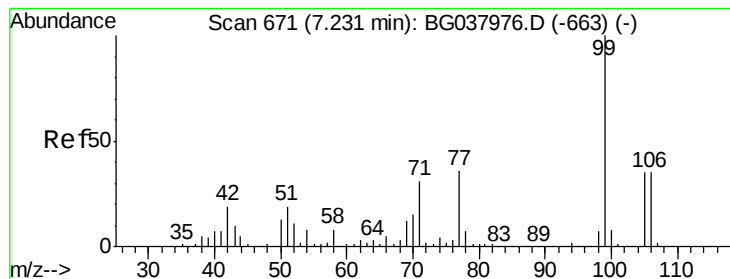
130 31.0 12.0 52.0

64 56.4 32.9 72.9



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





#9

Benzaldehyde

Concen: 37.281 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA_G

ClientSampled :

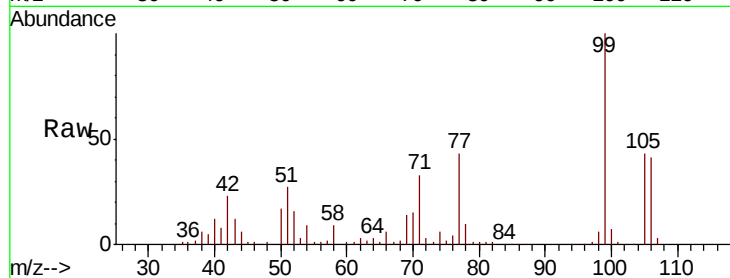
Tot Ion: 77 Resp: 116781

Ion Ratio Lower Upper

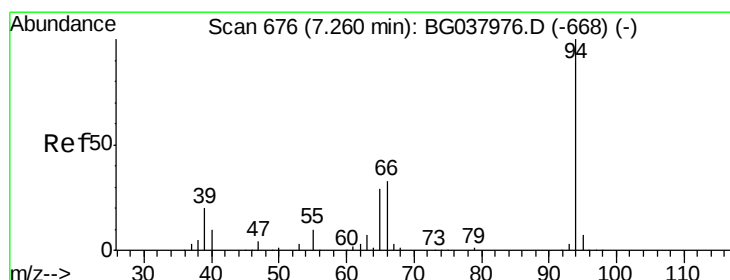
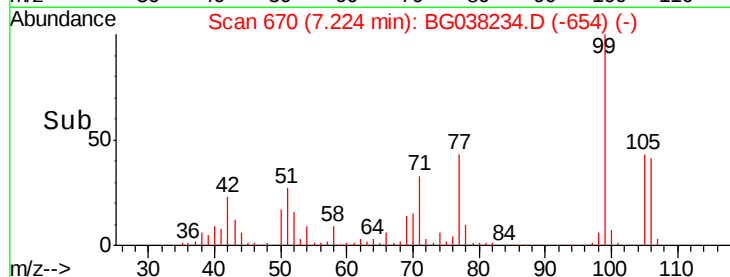
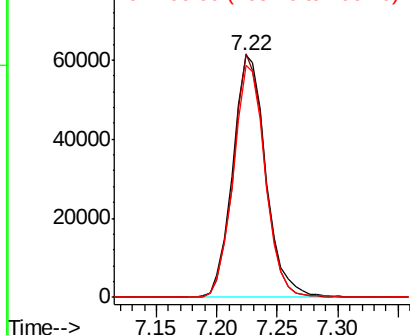
77 100

105 100.7 72.6 112.6

106 95.9 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.438 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

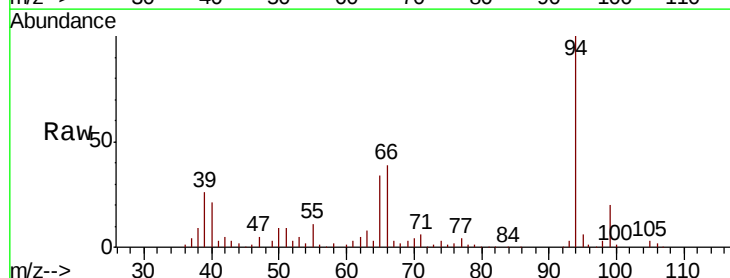
Tgt Ion: 94 Resp: 194706

Ion Ratio Lower Upper

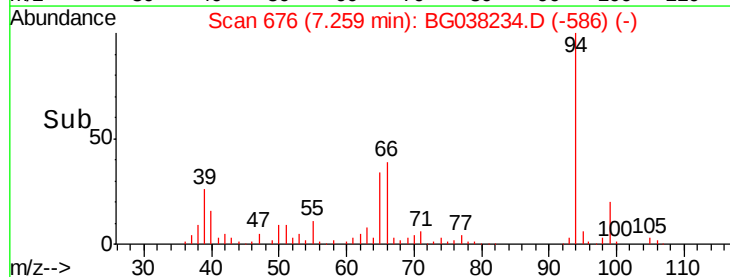
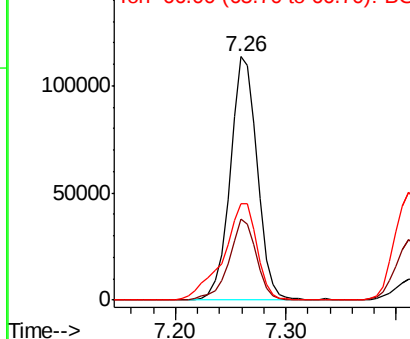
94 100

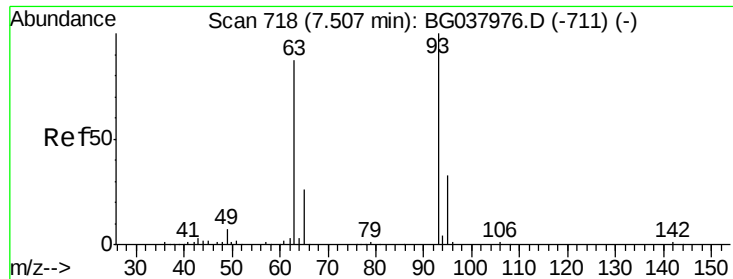
65 33.5 9.7 49.7

66 39.5 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

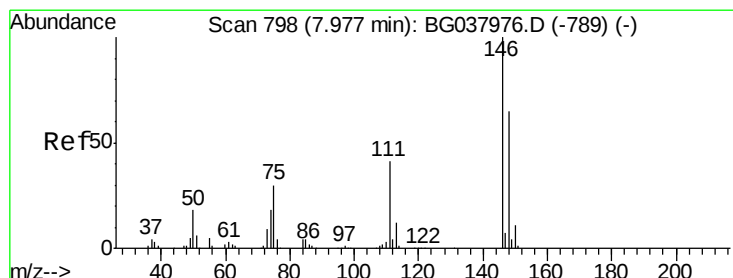
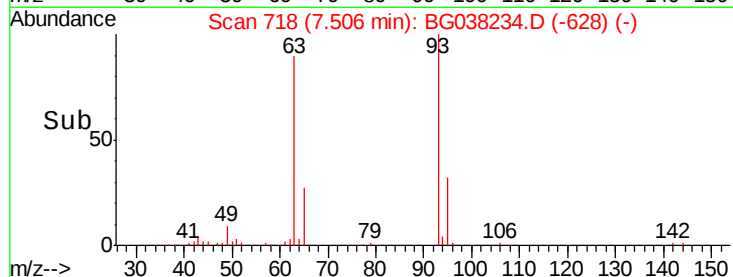
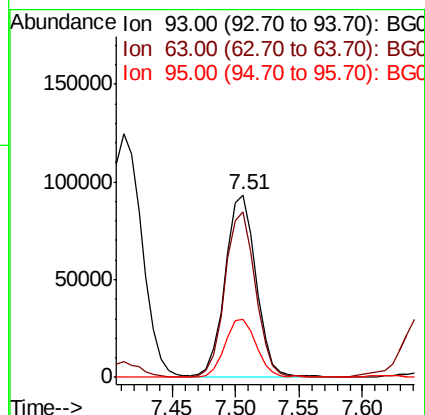
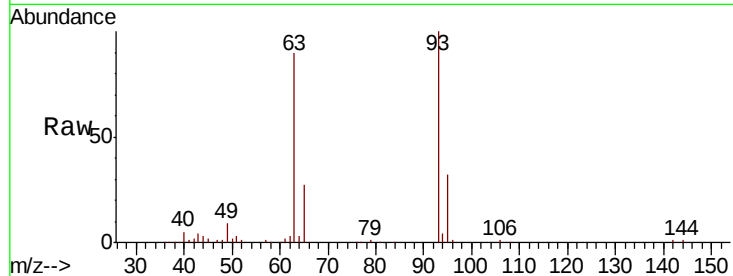




#11
bis(2-Chloroethyl)ether
Concen: 42.169 ng
RT: 7.51 min Scan# 718
Delta R.T. -0.00 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

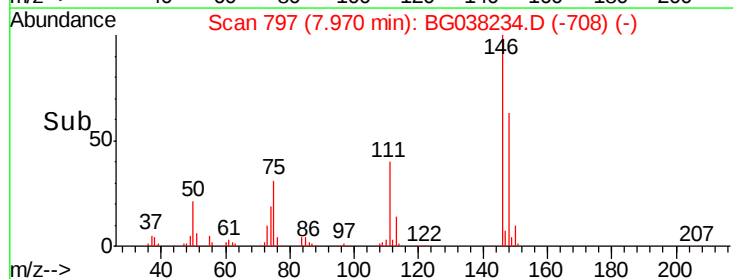
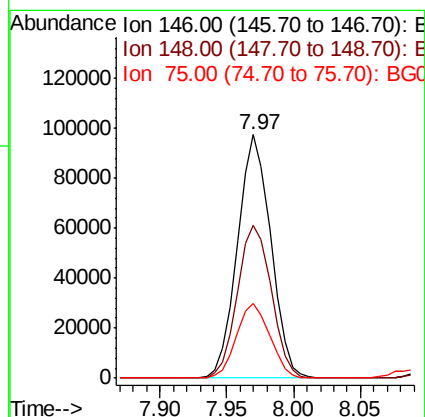
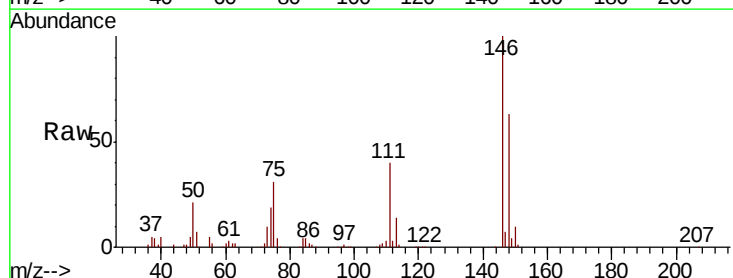
Instrument :
BNA_G
ClientSampleId :

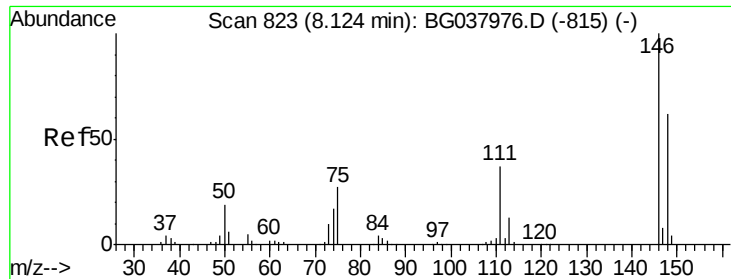
Tot Ion: 93 Resp: 157950
Ion Ratio Lower Upper
93 100
63 90.4 69.5 109.5
95 32.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.568 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

Tgt Ion: 146 Resp: 168612
Ion Ratio Lower Upper
146 100
148 62.9 49.8 74.8
75 30.9 23.2 34.8

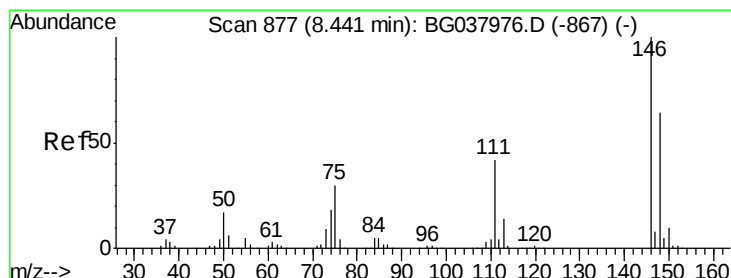
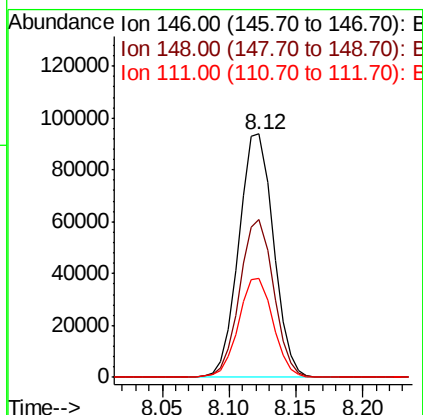
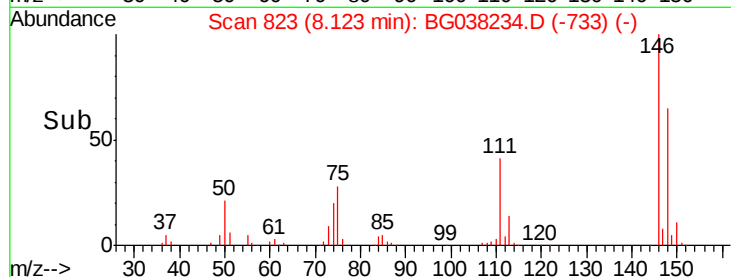
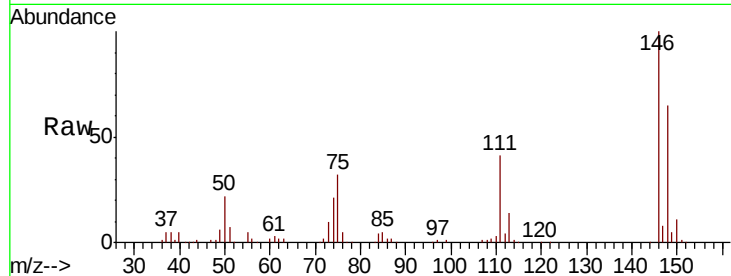




#13
 1,4-Dichlorobenzene
 Concen: 41.198 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

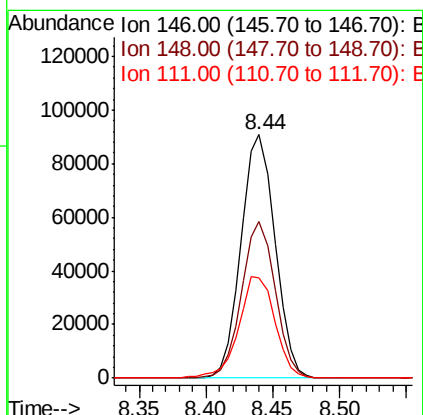
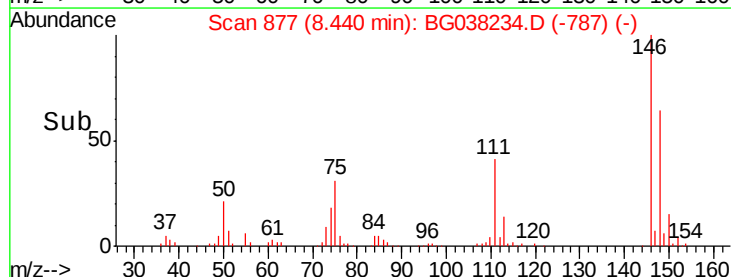
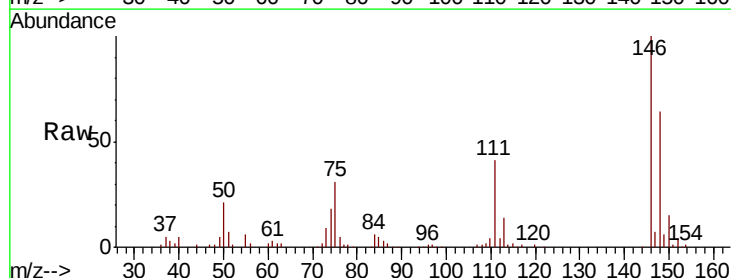
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 168807
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.0 76.6
 111 40.8 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 40.968 ng
 RT: 8.44 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

Tgt Ion:146 Resp: 160267
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.4 75.6
 111 41.2 34.6 51.8





#15

Benzyl Alcohol

Concen: 47.289 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :
BNA_G
ClientSampled :

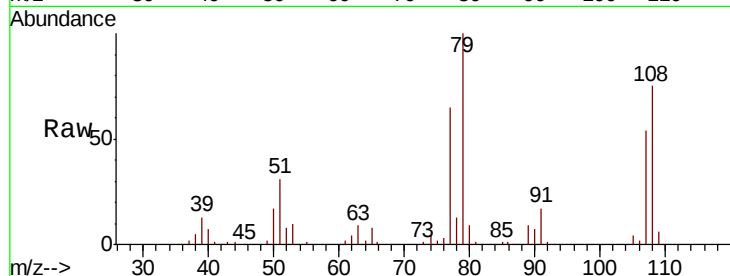
Tot Ion: 79 Resp: 148215

Ion Ratio Lower Upper

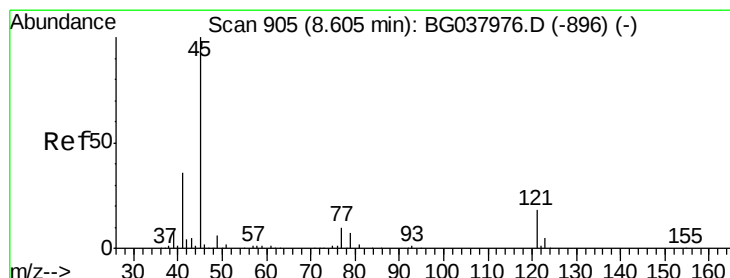
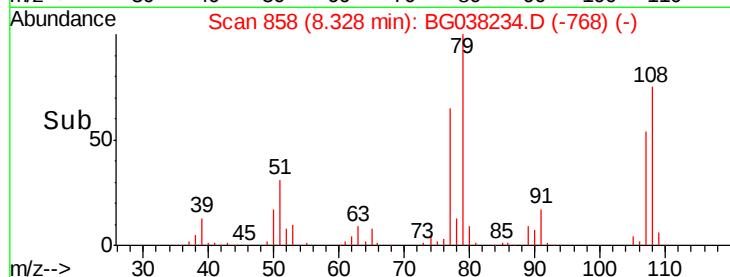
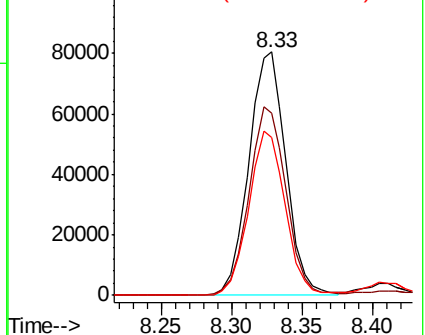
79 100

108 74.8 65.8 98.8

77 64.9 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.730 ng

RT: 8.60 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

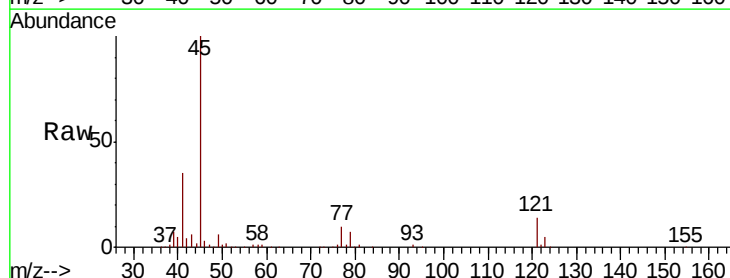
Tgt Ion: 45 Resp: 338928

Ion Ratio Lower Upper

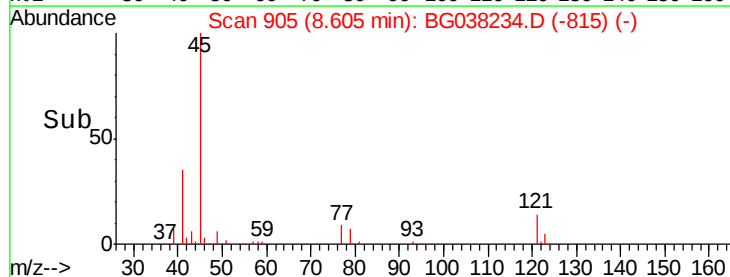
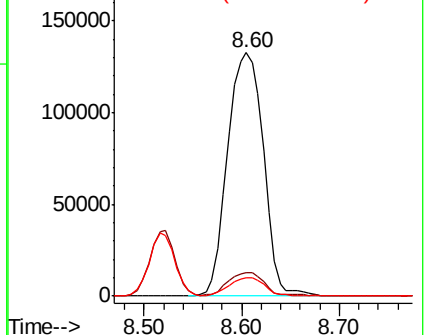
45 100

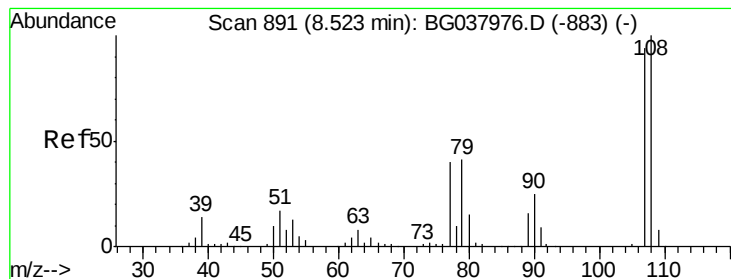
77 9.5 0.0 30.0

79 7.4 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

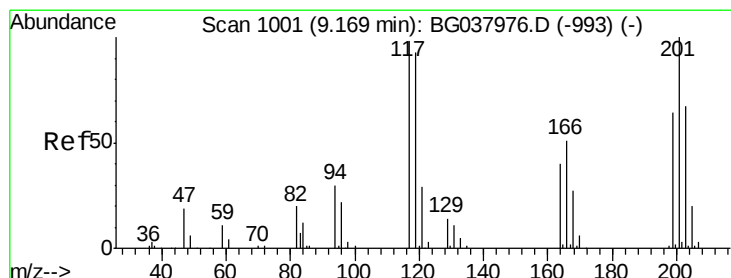
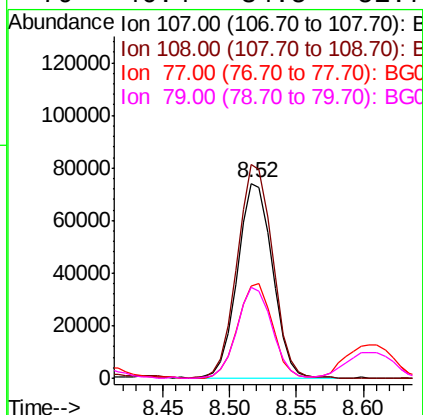
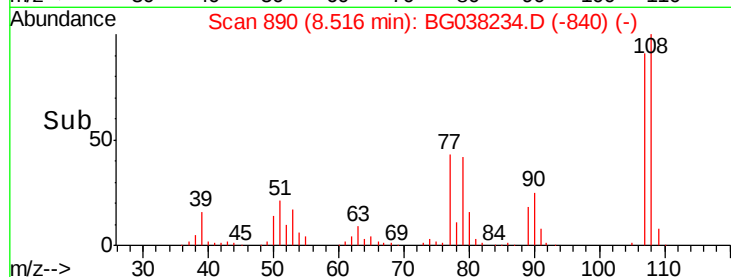
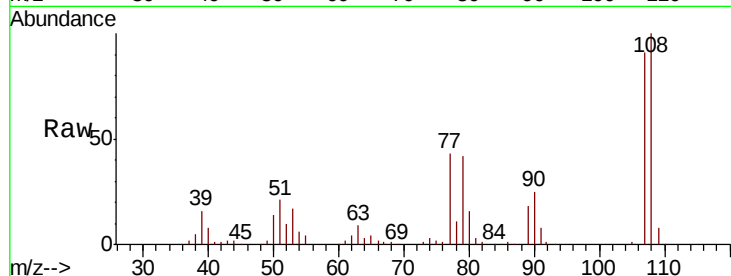




#17
2-Methylphenol
Concen: 43.574 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

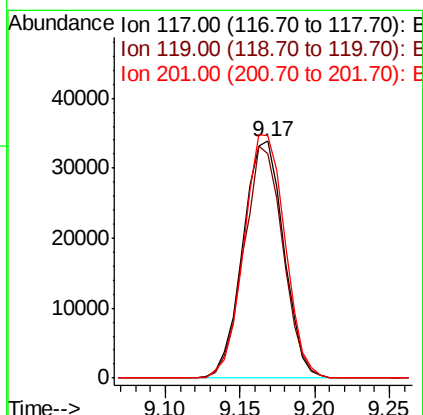
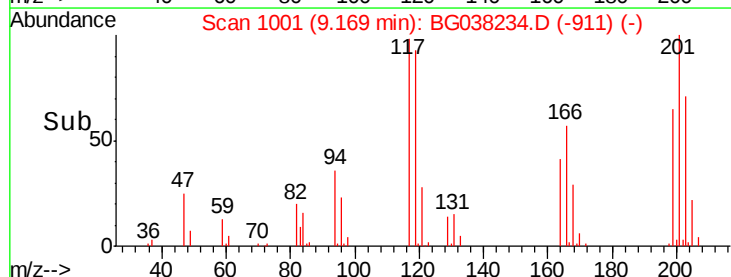
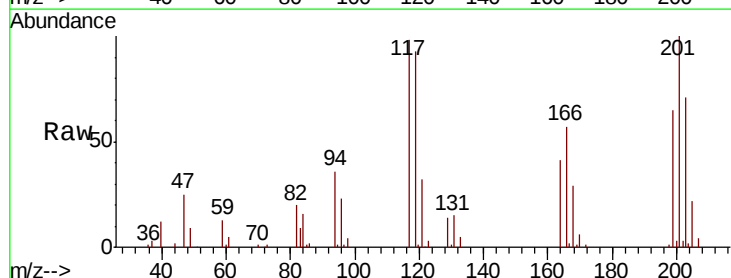
Instrument :
BNA_G
ClientSampled :

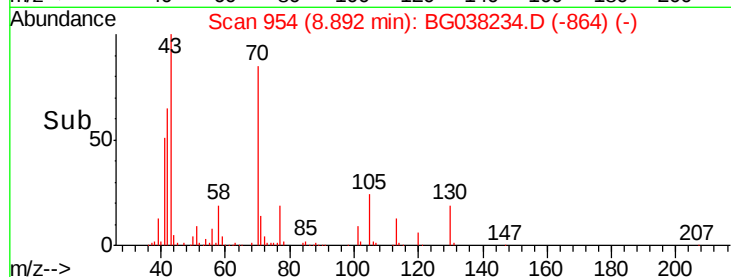
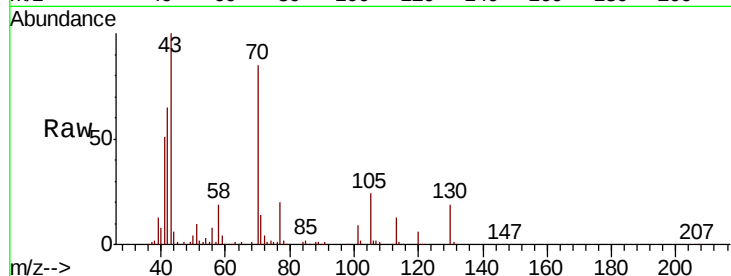
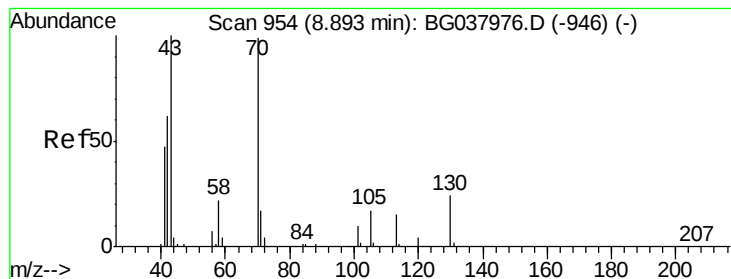
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.4	87.9	131.9
77	47.2	35.1	52.7
79	46.4	34.5	51.7



#18
Hexachloroethane
Concen: 42.898 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	74.6	111.8
201	102.1	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 42.036 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 131748

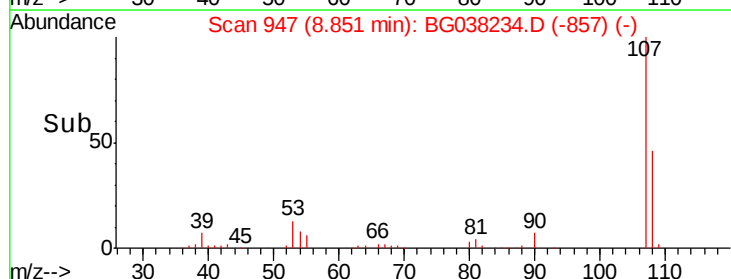
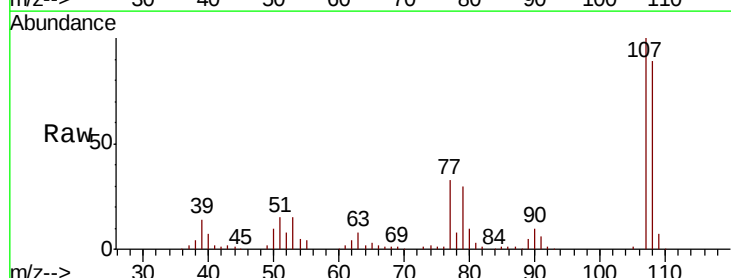
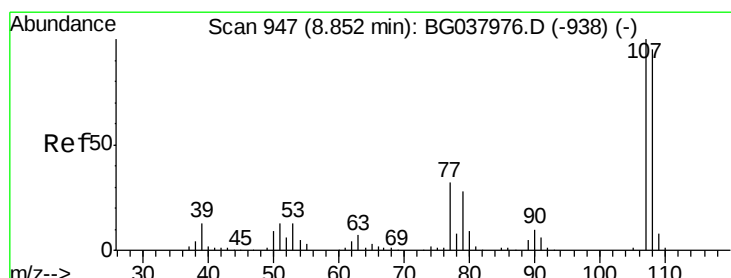
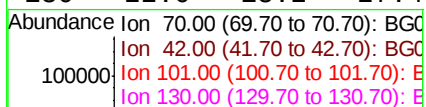
Ion Ratio Lower Upper

70 100

42 76.3 53.9 80.9

101 10.4 8.2 12.2

130 22.0 18.2 27.4



#20

3+4-Methylphenols

Concen: 43.112 ng

RT: 8.85 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Tgt Ion:107 Resp: 189573

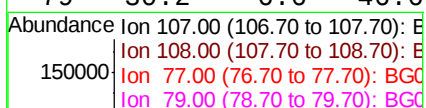
Ion Ratio Lower Upper

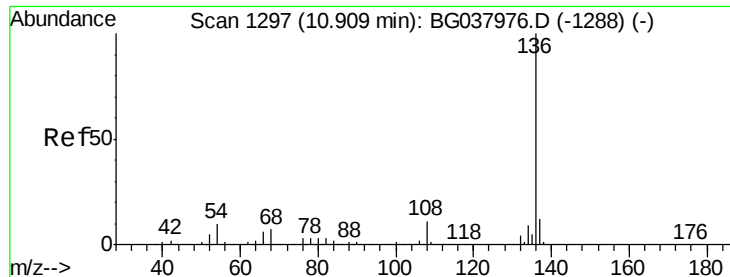
107 100

108 88.8 69.9 109.9

77 33.4 11.2 51.2

79 30.2 6.6 46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038234.D

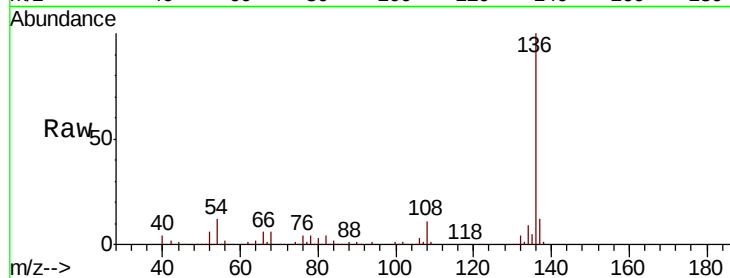
Acq: 29 Nov 2018 15:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136	Resp:	235157
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.6 14.4
54	11.5	7.9 11.9
68	6.1	4.8 7.2



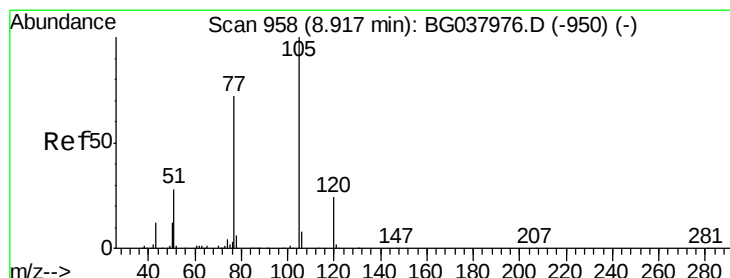
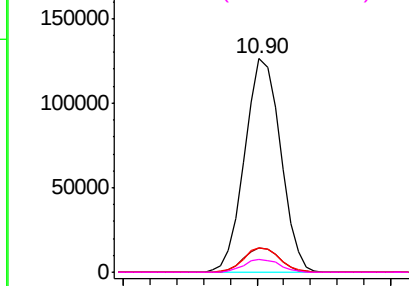
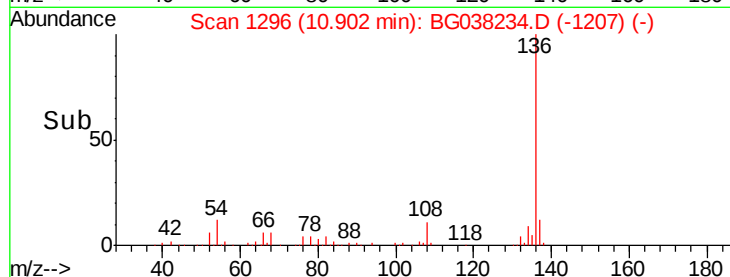
Abundance

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: 40.517 ng

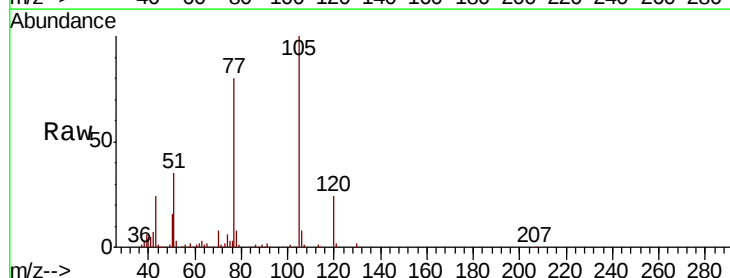
RT: 8.92 min Scan# 958

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Tgt Ion:105	Resp:	237058
Ion Ratio	Lower	Upper
105	100	
71	1.3	1.2 1.8
51	35.2	25.0 37.6
120	24.2	18.6 28.0



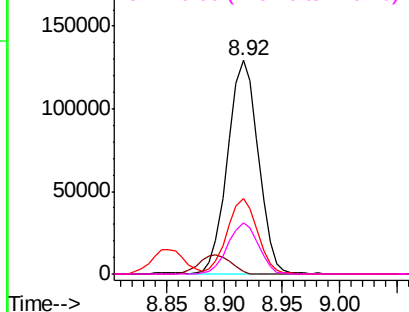
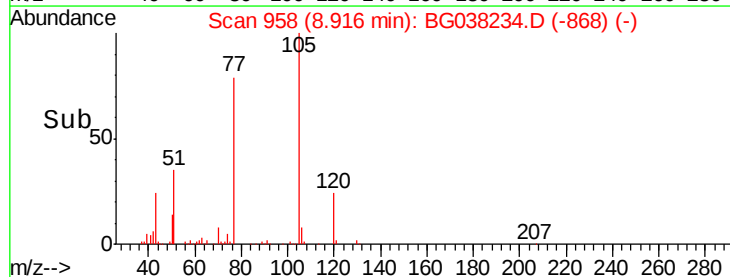
Abundance

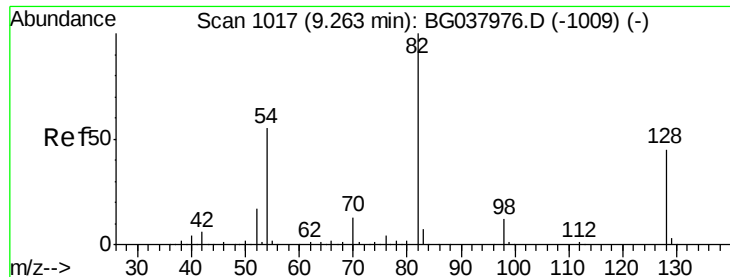
Ion 105.00 (104.70 to 105.70): E

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

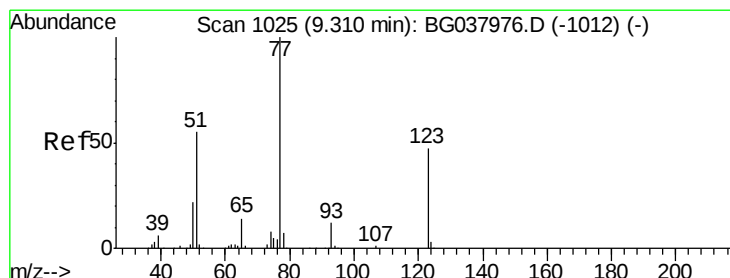
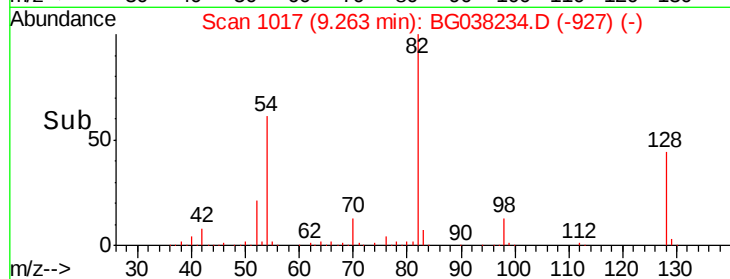
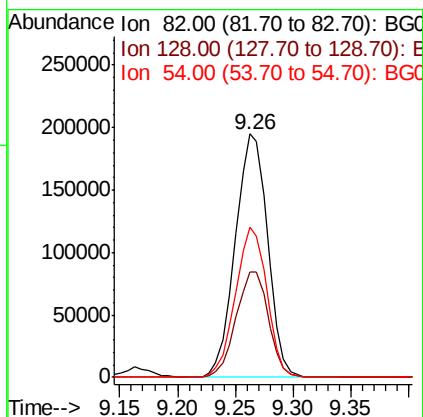
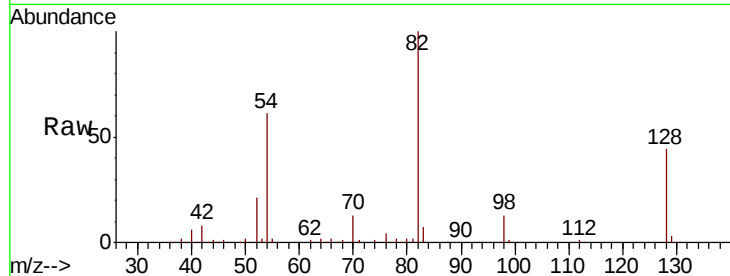




#23
 Nitrobenzene-d5
 Concen: 86.254 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

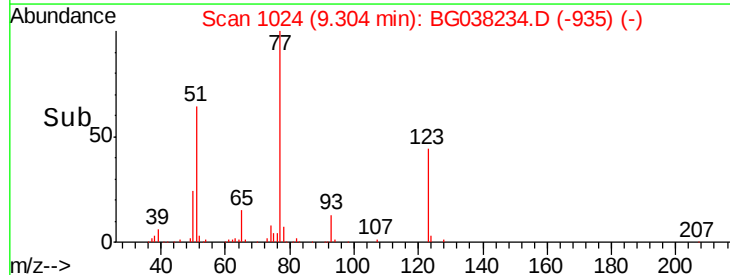
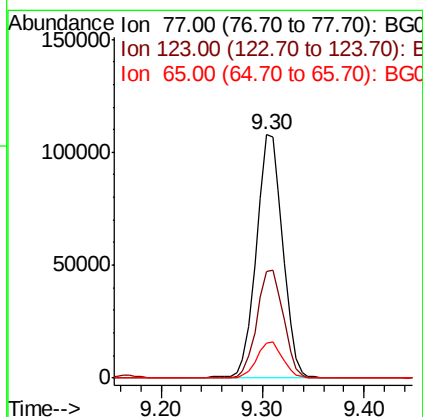
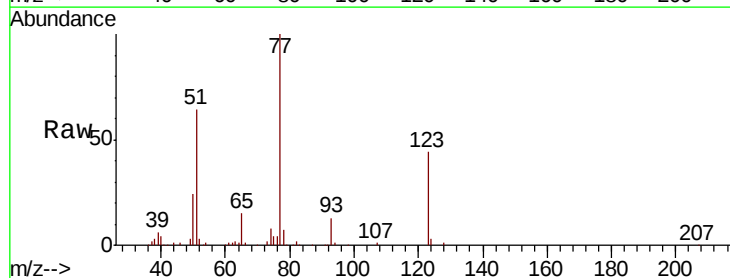
Instrument :
 BNA_G
 ClientSampleId :

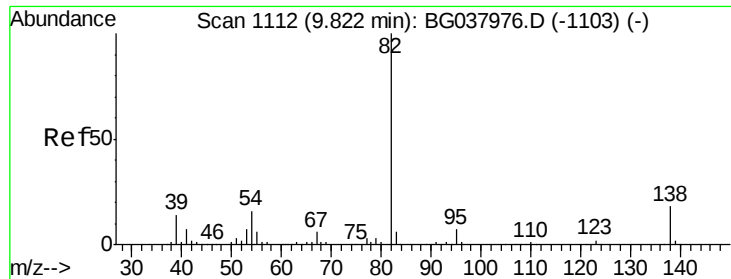
Tot Ion	82	Resp	378909
Ion Ratio	Lower	Upper	
82	100		
128	43.5	34.6	51.8
54	61.5	45.3	67.9



#24
 Nitrobenzene
 Concen: 43.395 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

Tgt Ion	77	Resp	195009
Ion Ratio	Lower	Upper	
77	100		
123	43.7	33.6	50.4
65	14.6	11.3	16.9

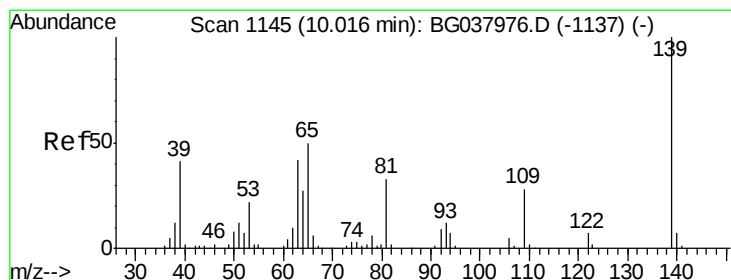
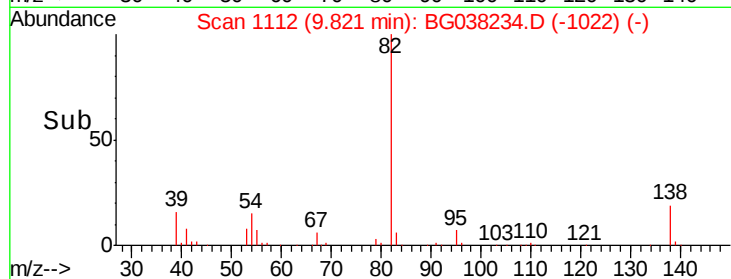
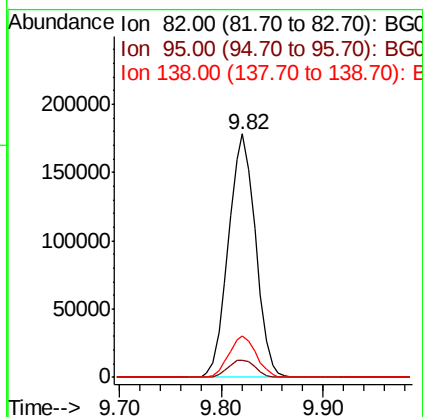
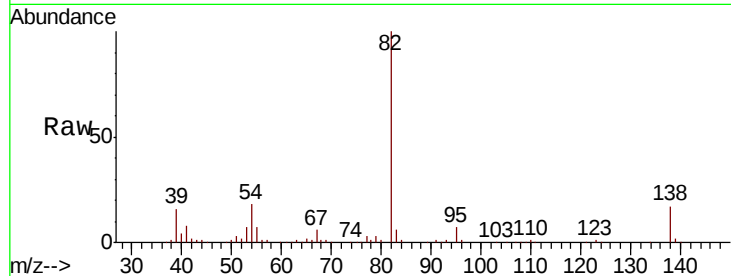




#25
Isophorone
Concen: 41.755 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

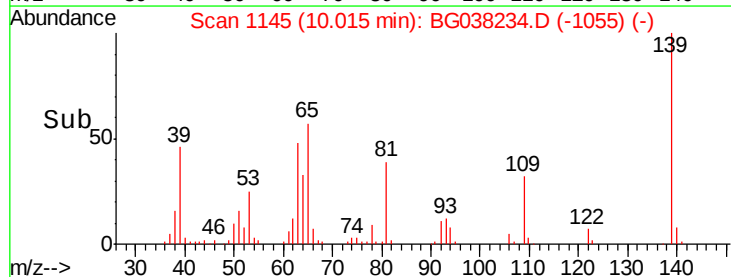
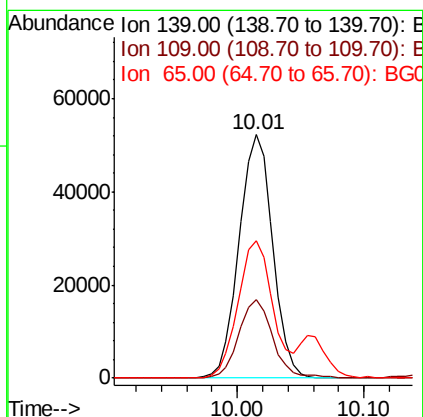
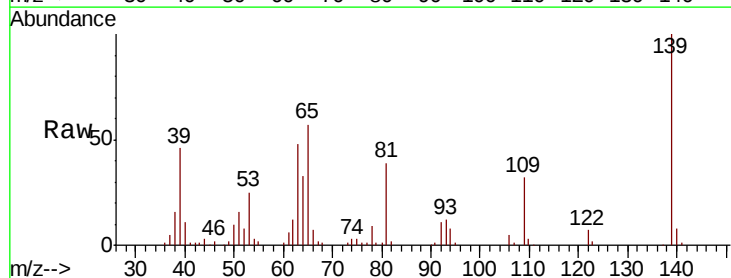
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 330155
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 17.1 13.3 19.9



#26
2-Nitrophenol
Concen: 42.815 ng
RT: 10.01 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

Tgt Ion: 139 Resp: 96053
Ion Ratio Lower Upper
139 100
109 32.0 23.3 34.9
65 56.5 39.8 59.8

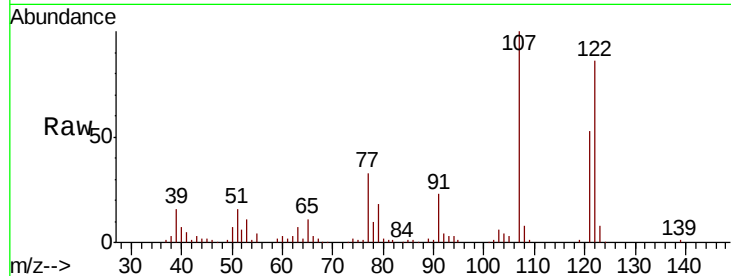




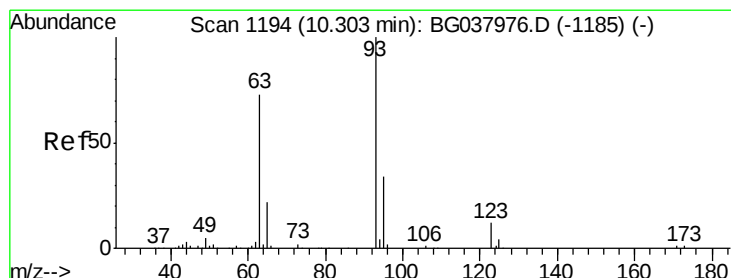
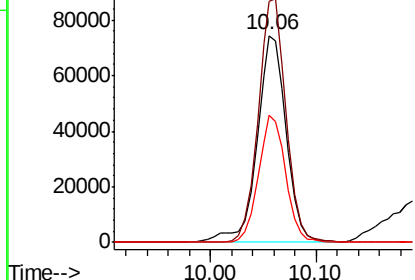
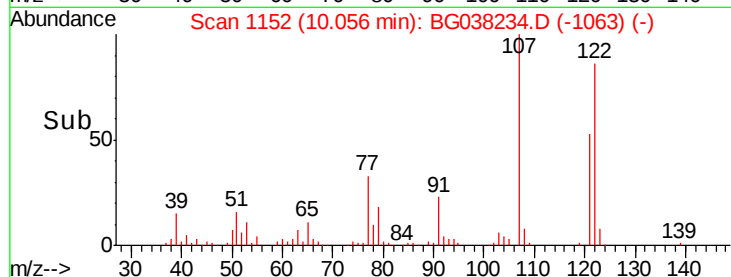
#27
2,4-Dimethylphenol
Concen: 42.152 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 142479
Ion Ratio Lower Upper
122 100
107 116.8 94.2 141.2
121 61.5 47.3 70.9

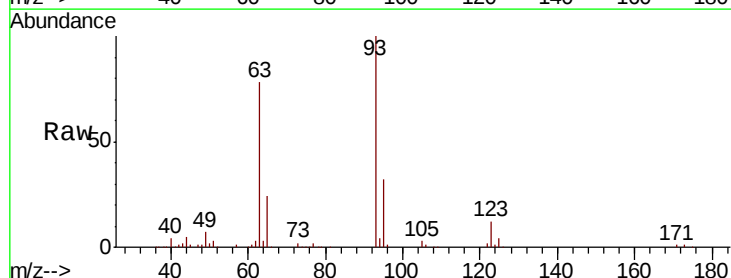


Abundance Ion 122.00 (121.70 to 122.70): E
120000
Ion 107.00 (106.70 to 107.70): E
100000
Ion 121.00 (120.70 to 121.70): E

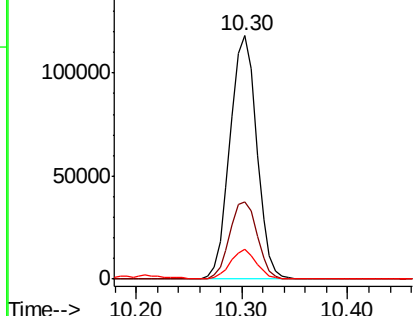
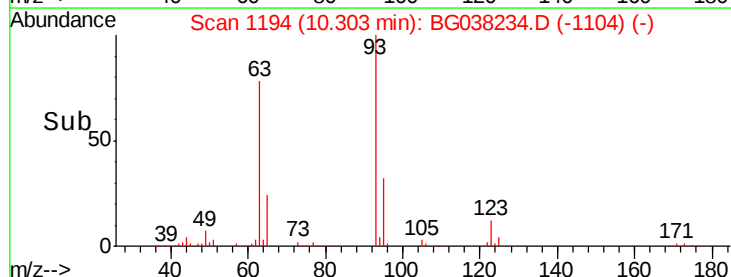


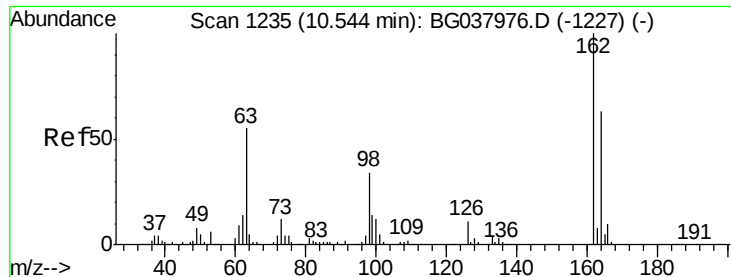
#28
bis(2-Chloroethoxy)methane
Concen: 40.975 ng
RT: 10.30 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

Tgt Ion: 93 Resp: 207171
Ion Ratio Lower Upper
93 100
95 31.7 24.6 37.0
123 12.5 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
150000
Ion 95.00 (94.70 to 95.70): BGC
100000
Ion 123.00 (122.70 to 123.70): E

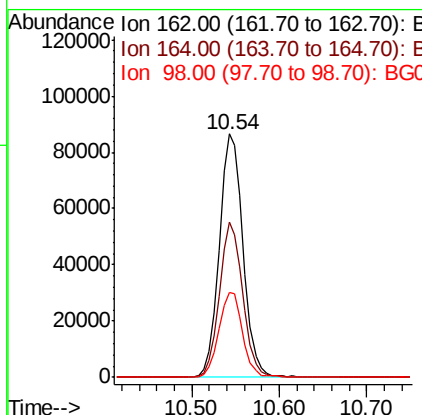
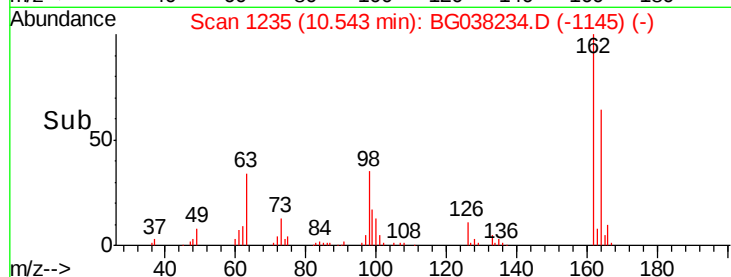
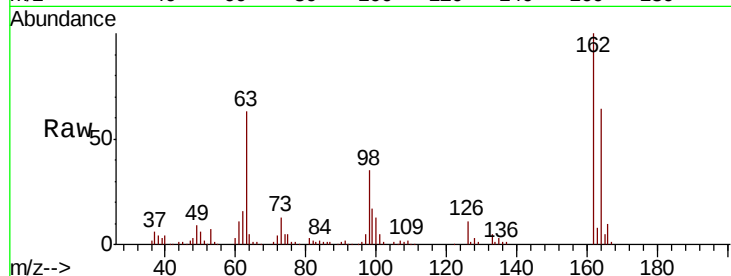




#29
 2,4-Dichlorophenol
 Concen: 42.556 ng
 RT: 10.54 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

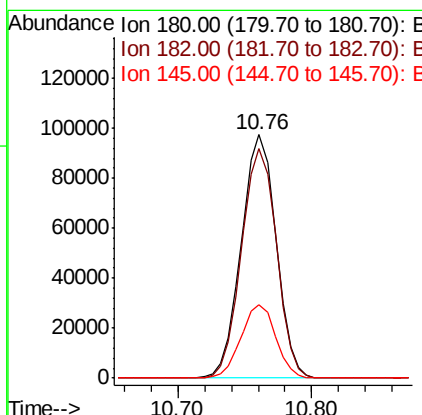
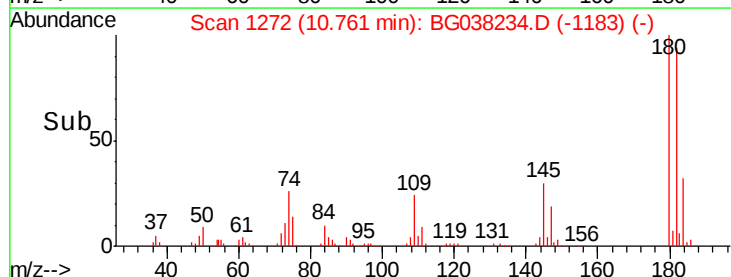
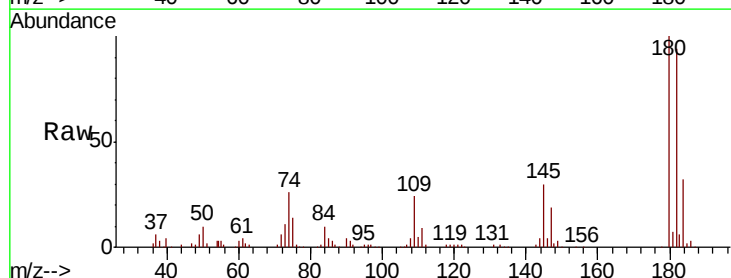
Instrument :
 BNA_G
 ClientSampled :

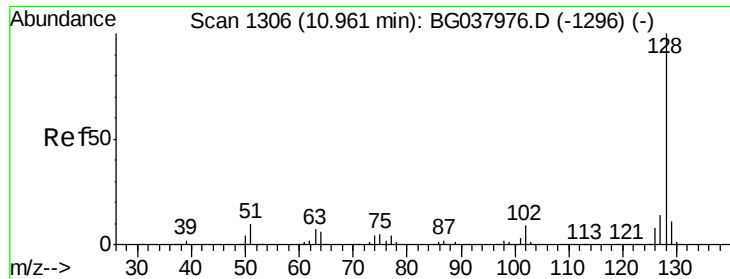
Tot Ion	162	Resp	161798
Ion Ratio	100		
Lower			
Upper			
164	63.8	43.2	83.2
98	34.9	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.253 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

Tgt Ion	180	Resp	175760
Ion Ratio	100		
Lower			
Upper			
182	94.2	77.7	116.5
145	29.9	23.3	34.9

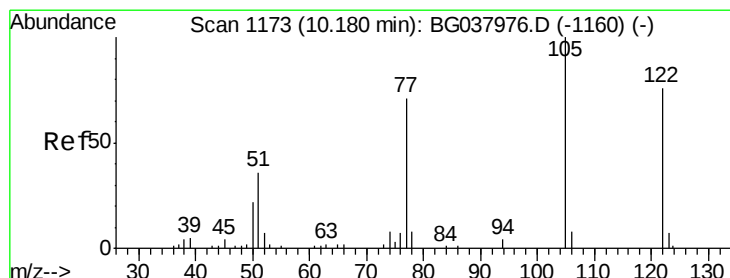
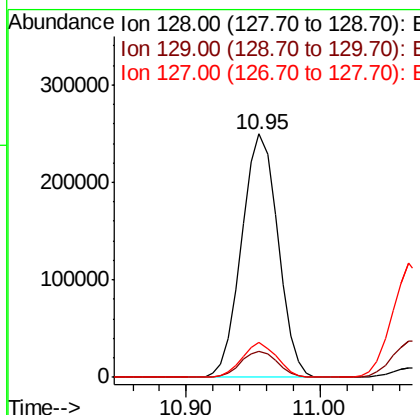
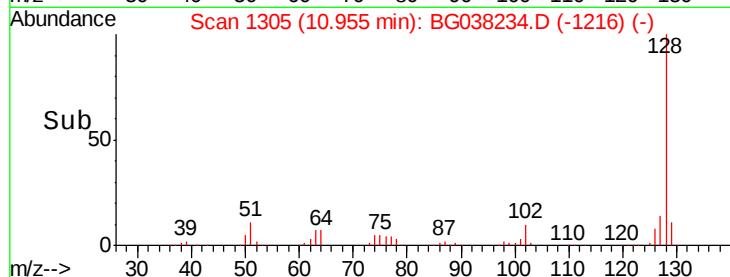
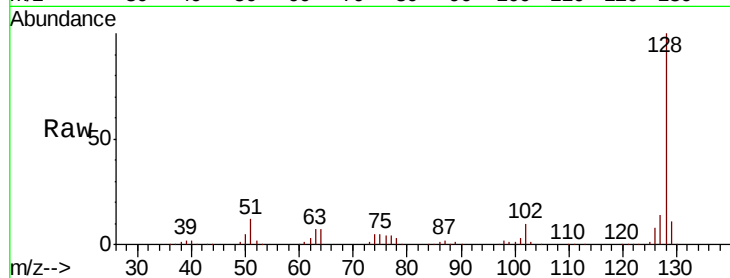




#31
Naphthalene
Concen: 40.575 ng
RT: 10.95 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

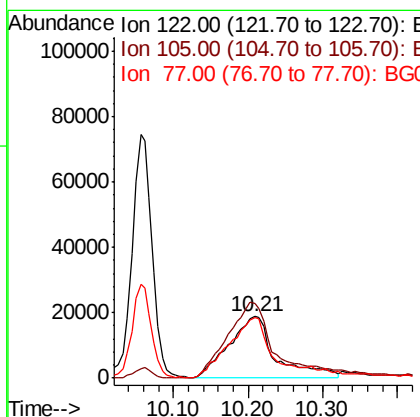
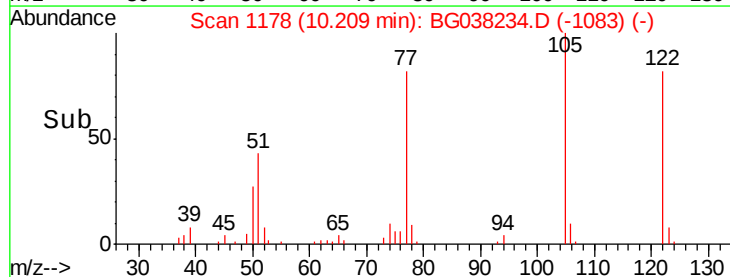
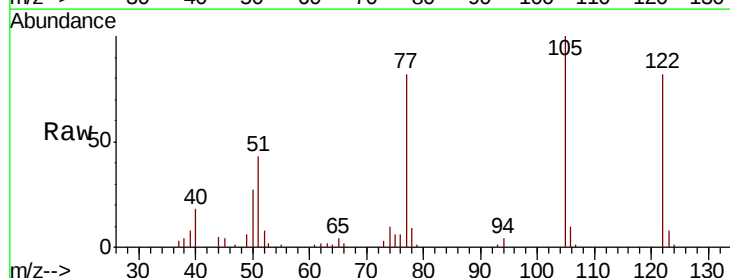
Instrument :
BNA_G
ClientSampleId :

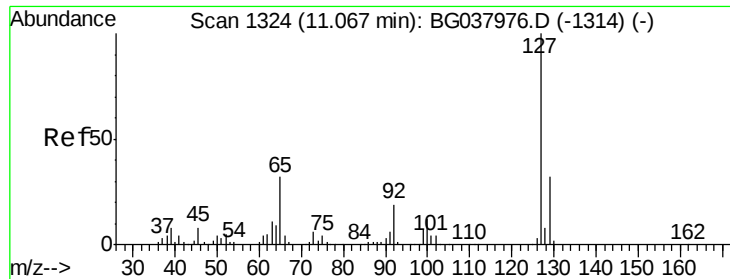
Tot Ion:128 Resp: 469295
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 14.3 11.1 16.7



#32
Benzoic acid
Concen: 39.475 ng
RT: 10.21 min Scan# 1178
Delta R.T. 0.03 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

Tgt Ion:122 Resp: 79501
Ion Ratio Lower Upper
122 100
105 121.6 106.7 146.7
77 99.2 72.2 112.2

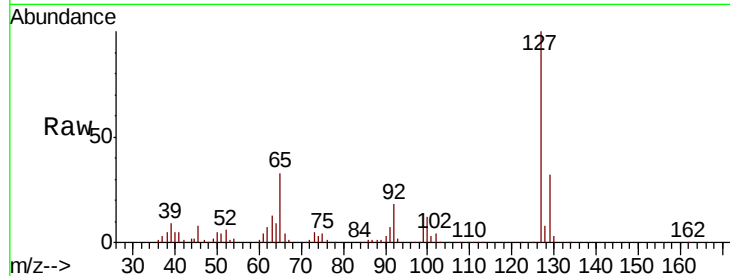




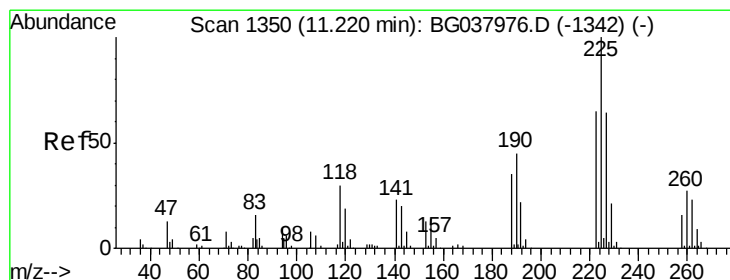
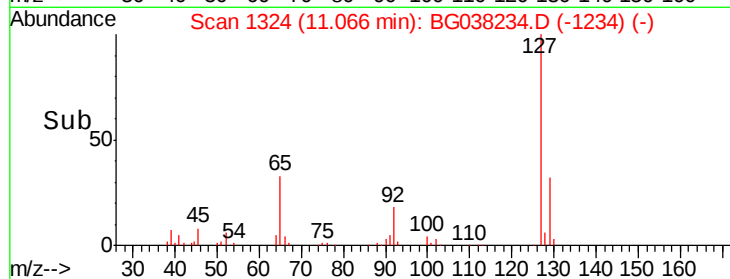
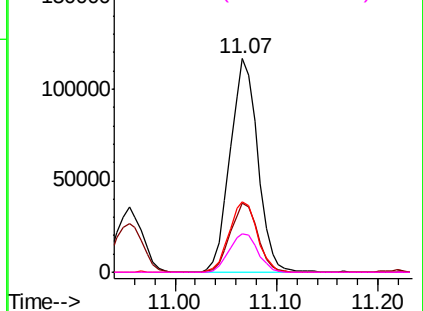
#33
4-Chloroaniline
Concen: 41.137 ng
RT: 11.07 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	221324
Ion	Ratio	Lower	Upper
127	100		
129	32.1	27.1	40.7
65	33.1	26.6	39.8
92	18.1	16.4	24.6

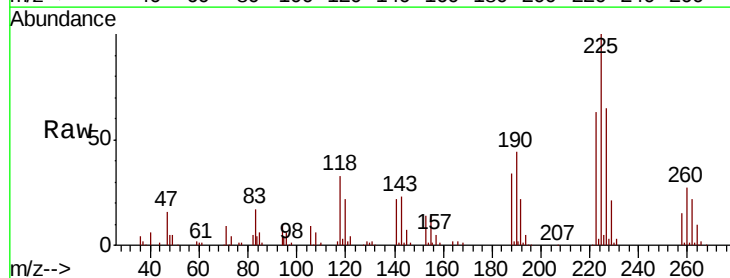


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

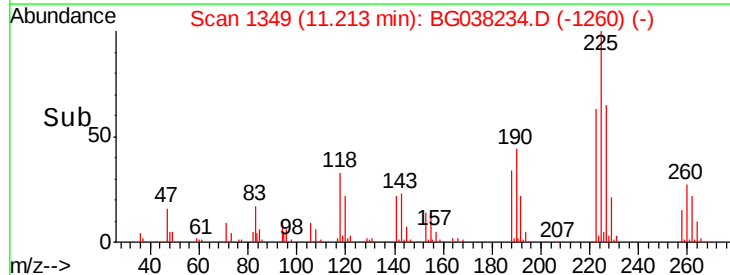
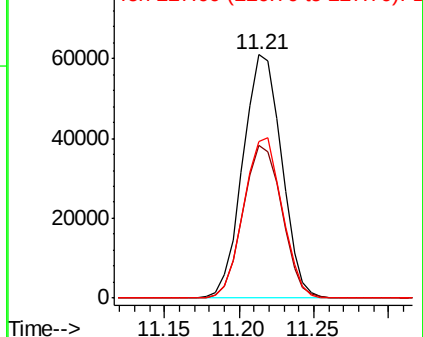


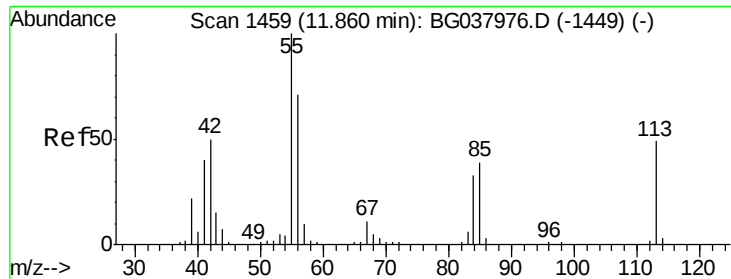
#34
Hexachlorobutadiene
Concen: 41.821 ng
RT: 11.21 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

Tgt Ion:	225	Resp:	109659
Ion	Ratio	Lower	Upper
225	100		
223	59.7	48.2	72.4
227	64.5	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

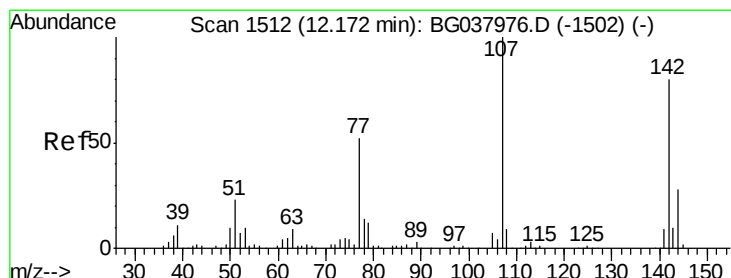
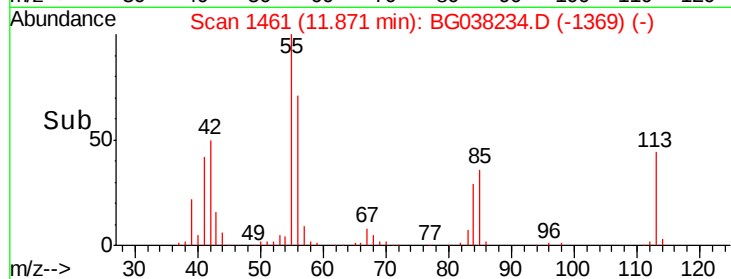
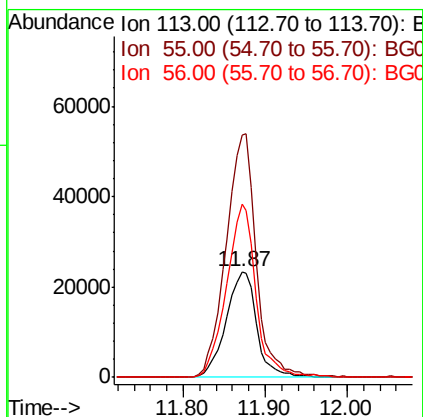
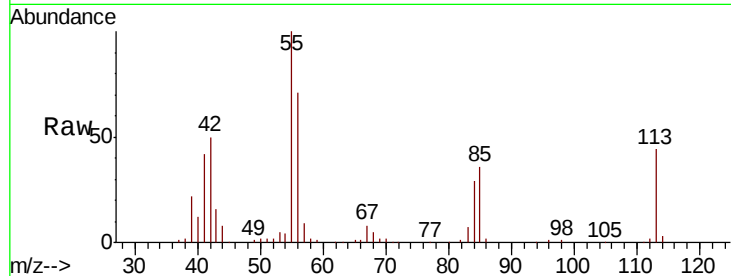




#35
 Caprolactam
 Concen: 40.101 ng
 RT: 11.87 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

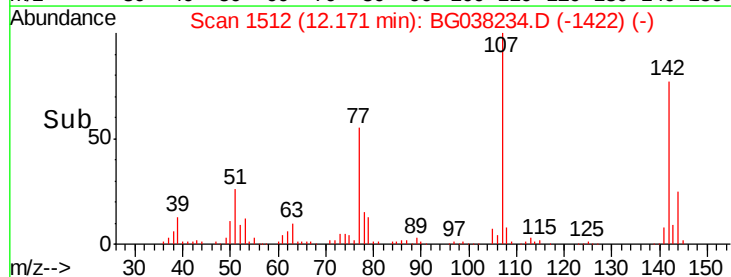
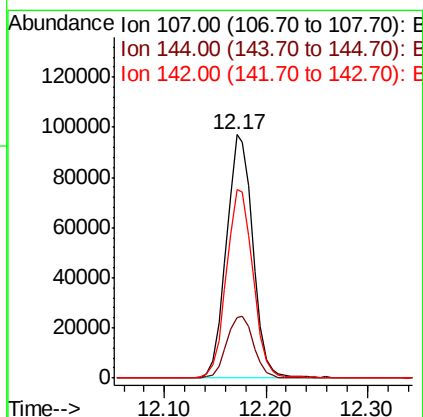
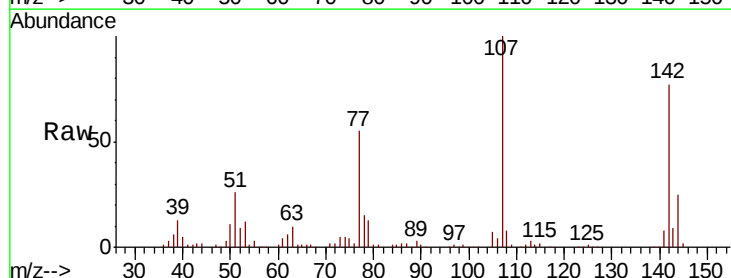
Instrument :
 BNA_G
 ClientSampled :

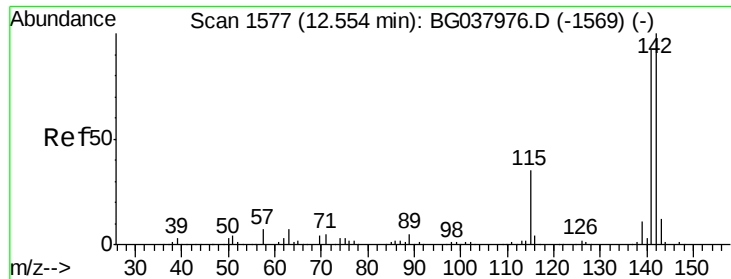
Tot Ion:113 Resp: 61026
 Ion Ratio Lower Upper
 113 100
 55 229.4 176.6 216.6#
 56 163.8 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.362 ng
 RT: 12.17 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

Tgt Ion:107 Resp: 175961
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.7 31.1
 142 77.3 64.4 96.6

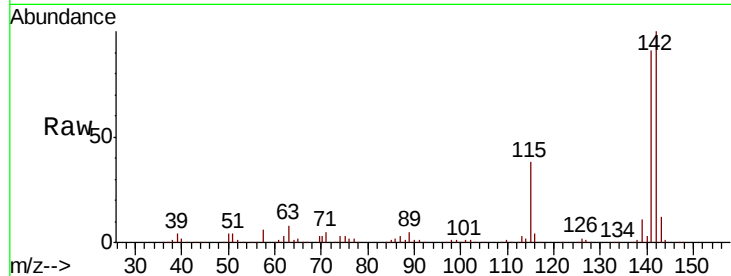




#37
2-Methylnaphthalene
Concen: 40.329 ng
RT: 12.55 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.9	107.9
115	38.3	27.8	41.8

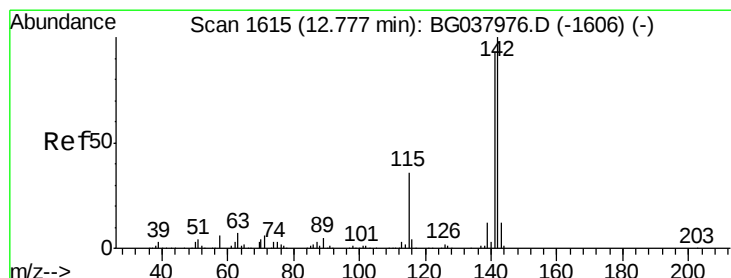
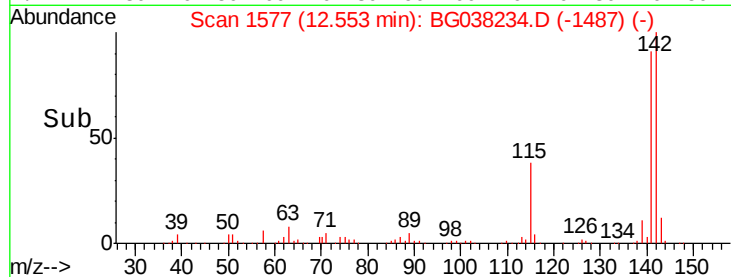
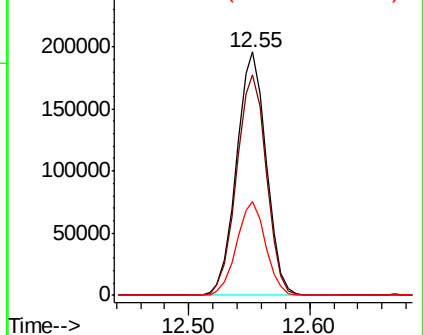


Abundance

Ion 142.00 (141.70 to 142.70): E

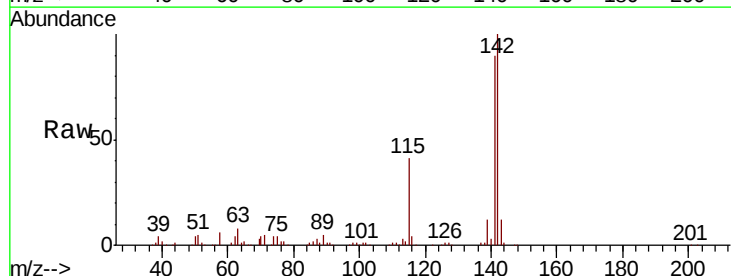
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.293 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	75.2	112.8
116	4.2	3.3	4.9

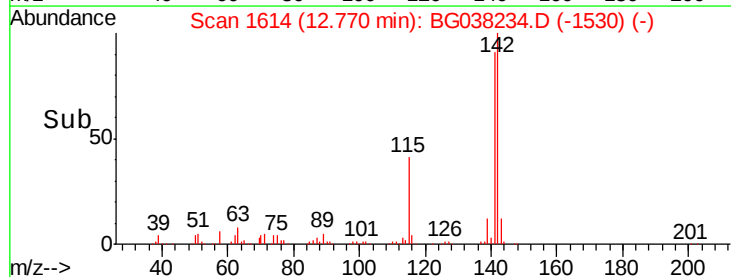
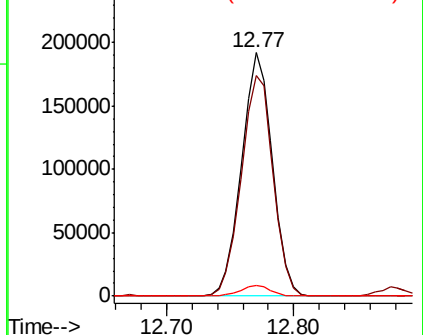


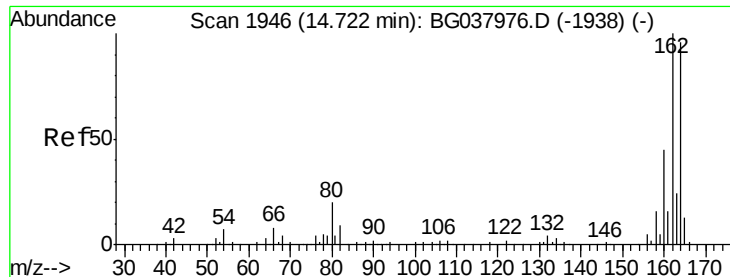
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA_G

ClientSampleId :

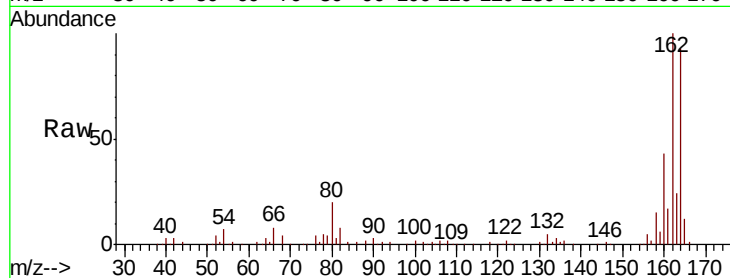
Tot Ion:164 Resp: 139808

Ion Ratio Lower Upper

164 100

162 107.0 81.3 121.9

160 45.6 36.3 54.5

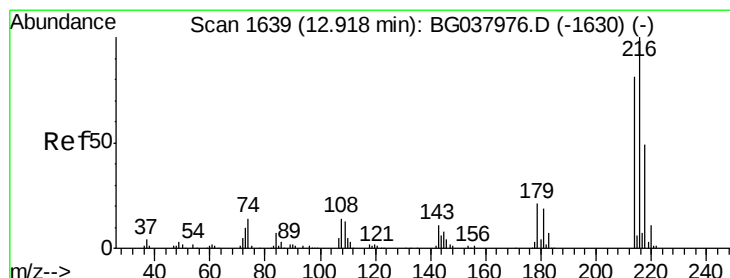
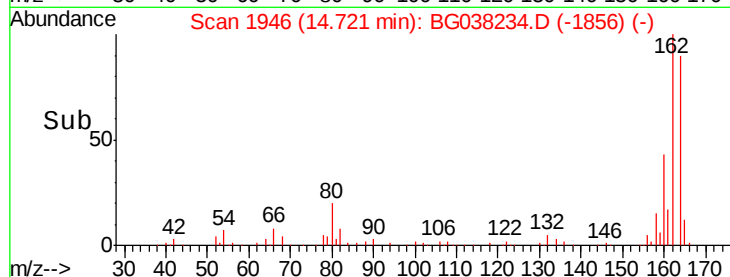
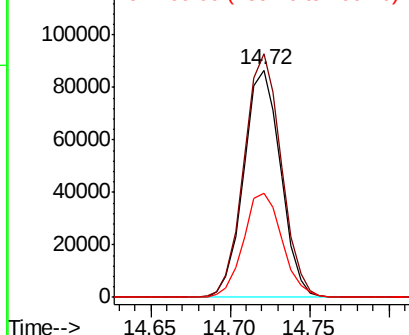


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.288 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Tgt Ion:216 Resp: 202233

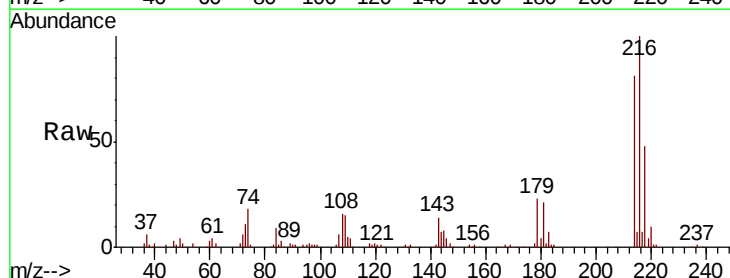
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.6

179 21.6 17.4 26.0

108 18.0 13.9 20.9



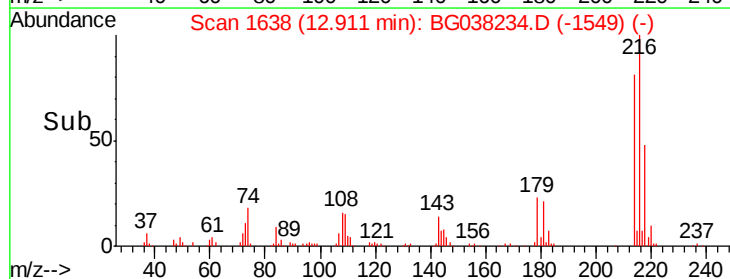
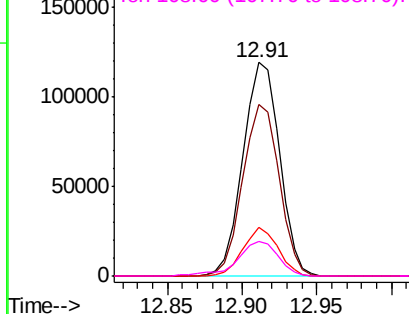
Abundance

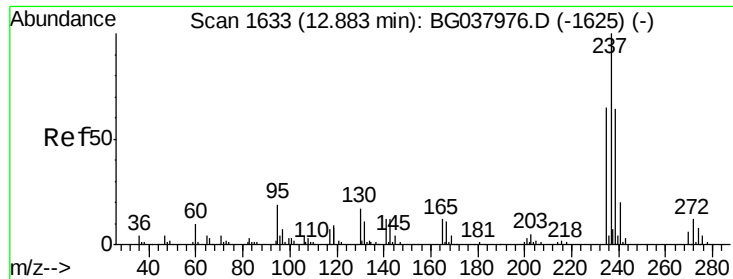
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.276 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA_G

ClientSampleId :

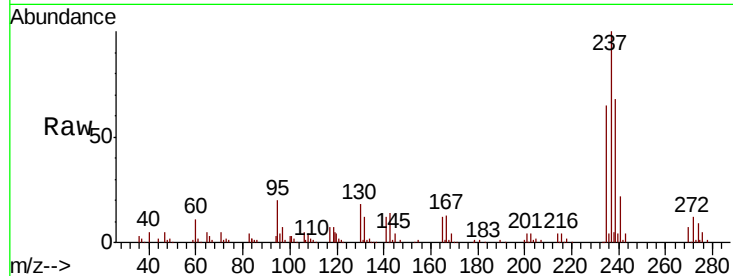
Tot Ion:237 Resp: 95751

Ion Ratio Lower Upper

237 100

235 64.8 42.5 82.5

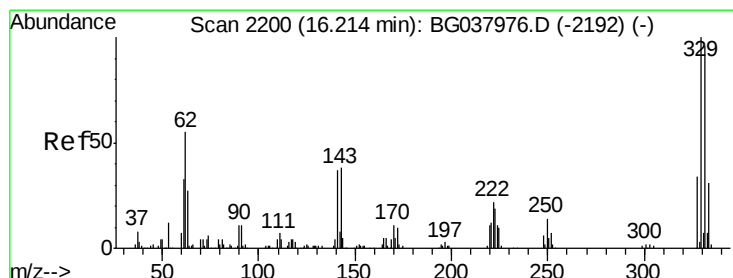
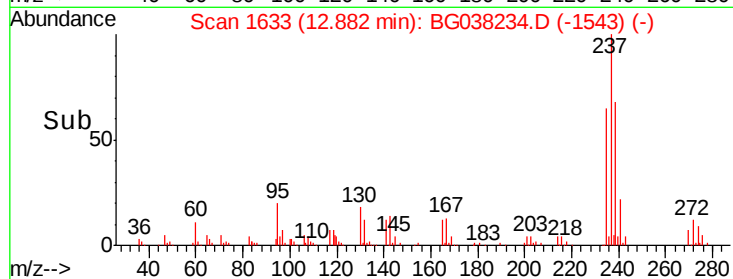
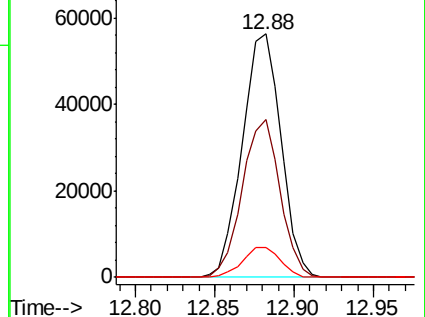
272 12.2 0.0 31.6



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: 83.394 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

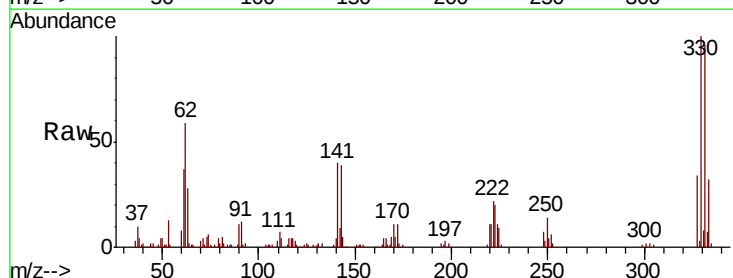
Tgt Ion:330 Resp: 132970

Ion Ratio Lower Upper

330 100

332 96.8 78.4 117.6

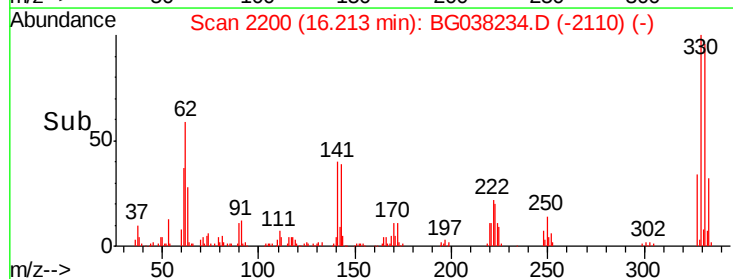
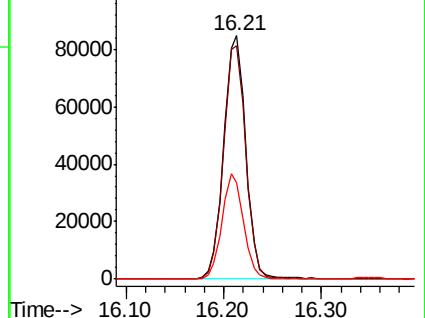
141 42.0 32.2 48.2

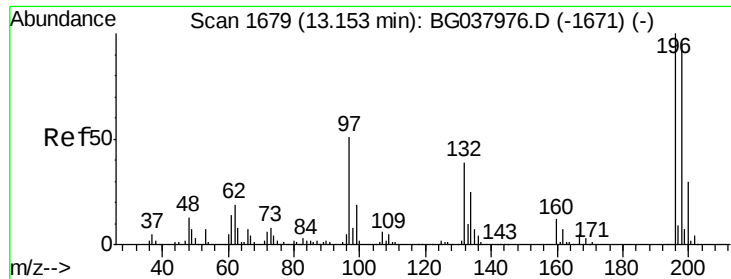


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

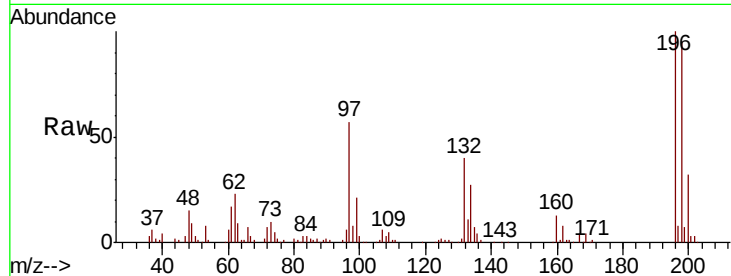




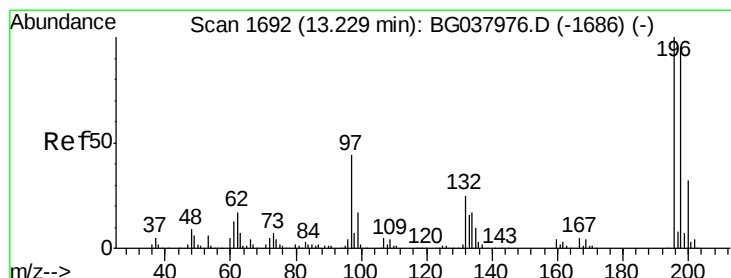
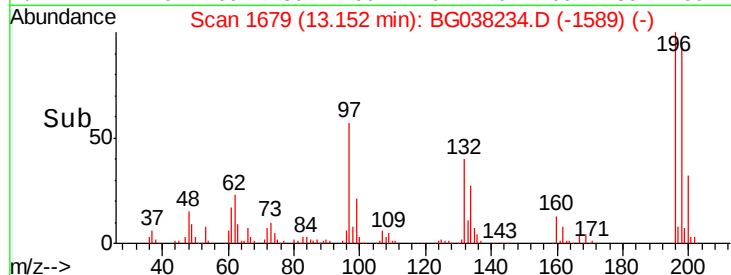
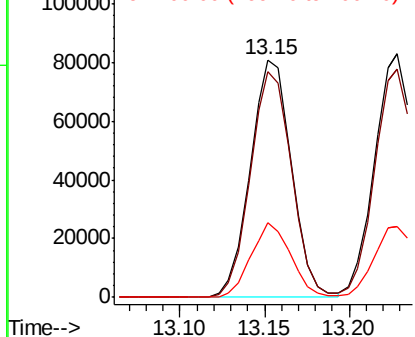
#43
 2,4,6-Trichlorophenol
 Concen: 42.942 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 136707
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.4 114.6
 200 31.7 24.9 37.3

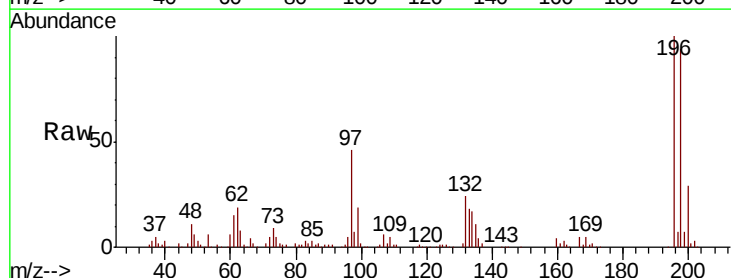


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

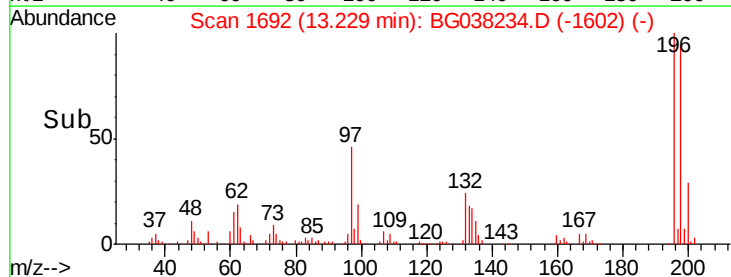
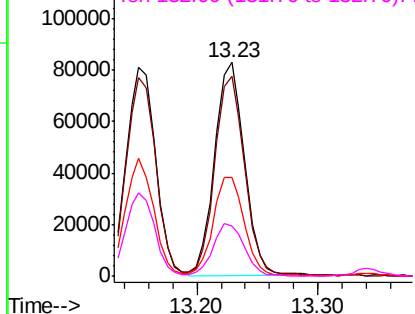


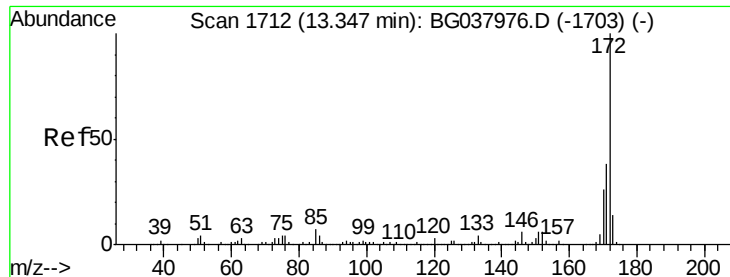
#44
 2,4,5-Trichlorophenol
 Concen: 42.142 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

Tgt Ion:196 Resp: 141160
 Ion Ratio Lower Upper
 196 100
 198 93.8 74.2 111.2
 97 46.2 34.1 51.1
 132 23.6 20.2 30.4



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

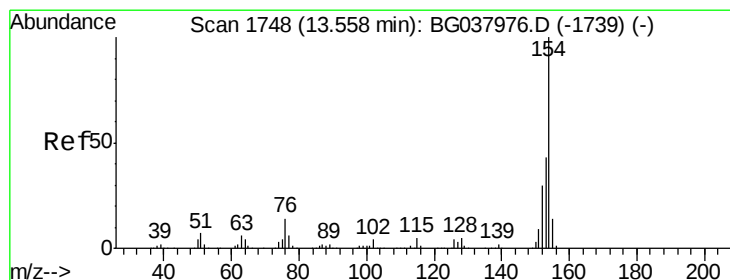
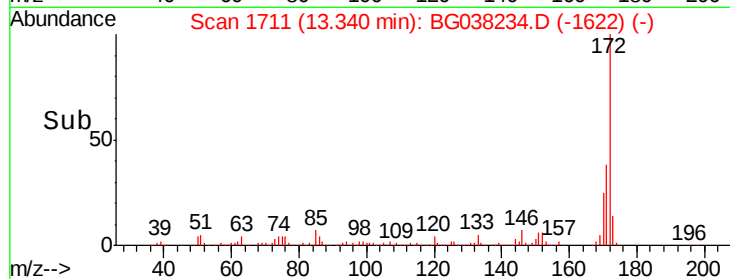
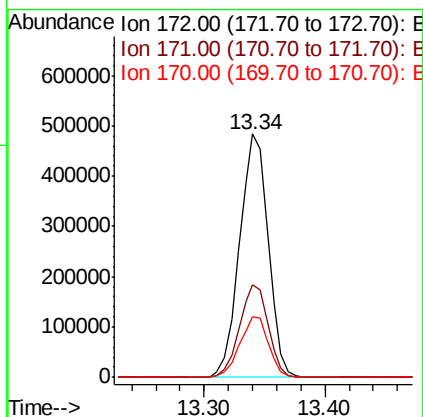
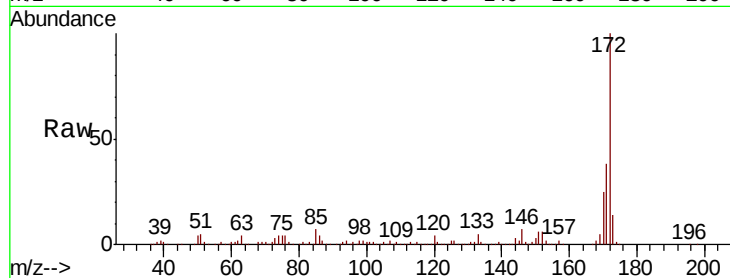




#45
 2-Fluorobiphenyl
 Concen: 83.086 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

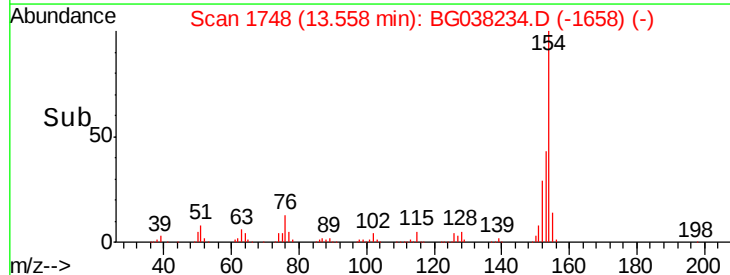
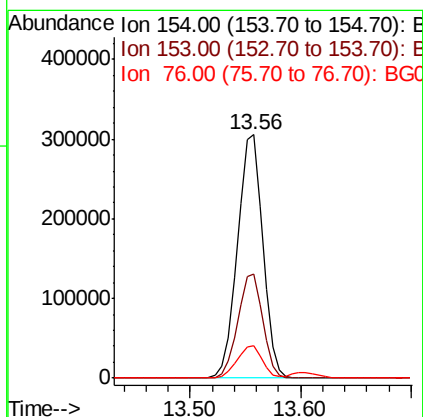
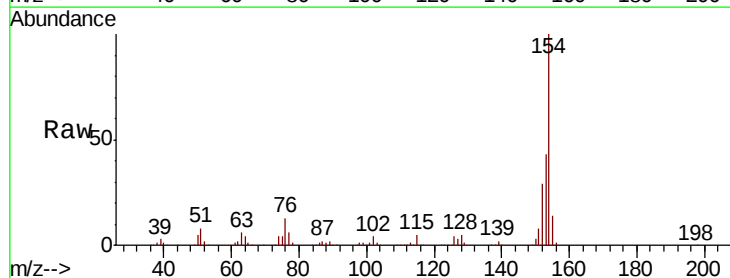
Instrument :
 BNA_G
 ClientSampleId :

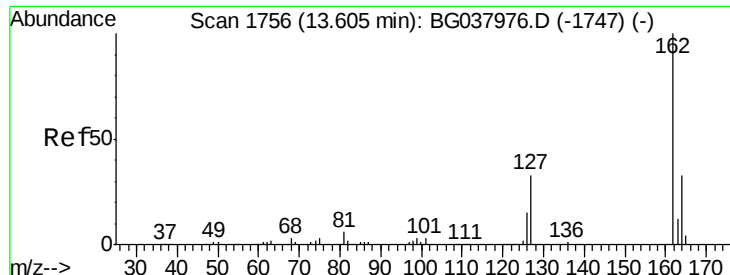
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	24.9	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 42.030 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	22.1	62.1
76	13.4	0.0	33.2

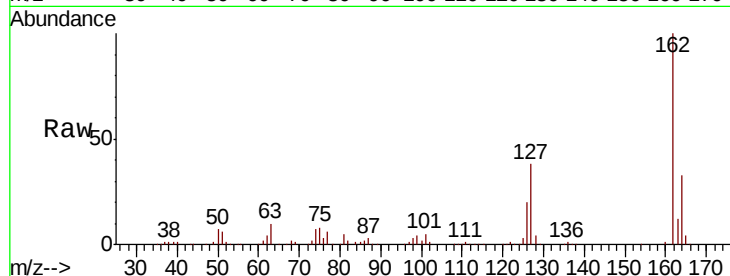




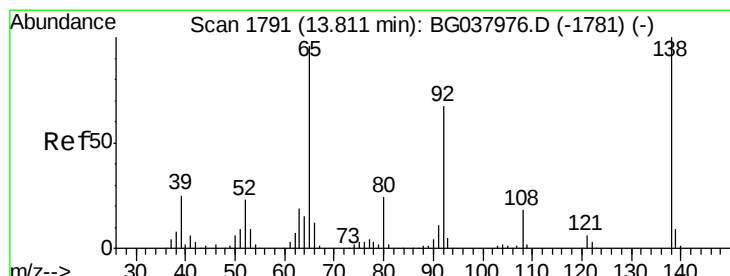
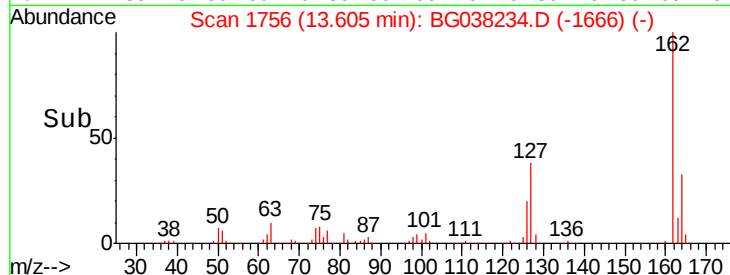
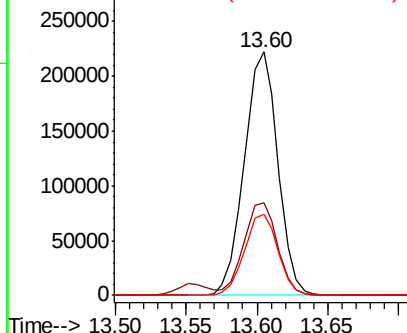
#47
 2-Chloronaphthalene
 Concen: 41.337 ng
 RT: 13.60 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.5	45.7
164	33.3	26.4	39.6

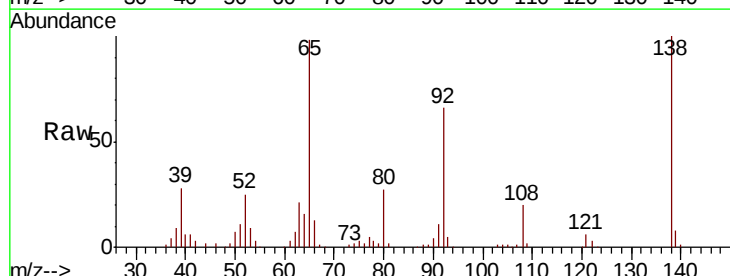


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

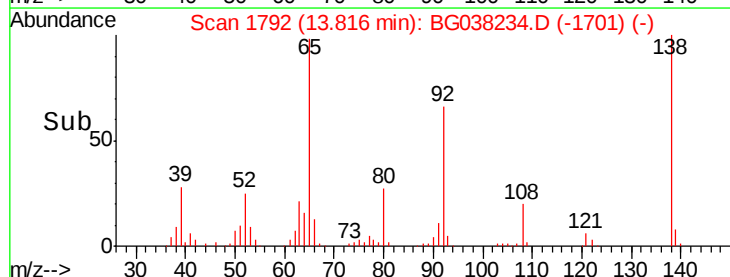
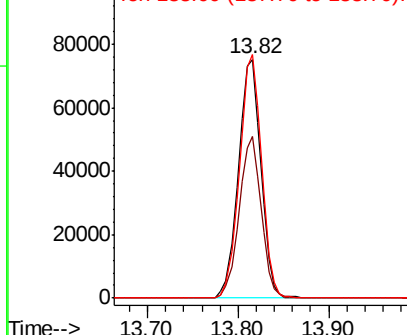


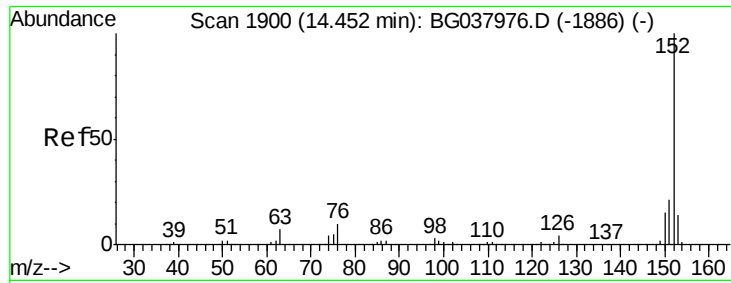
#48
 2-Nitroaniline
 Concen: 46.333 ng
 RT: 13.82 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	53.2	79.8
138	101.9	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: 41.595 ng

RT: 14.44 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA_G

ClientSampleId :

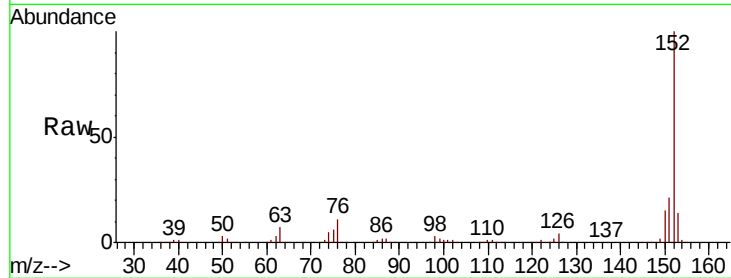
Tot Ion:152 Resp: 560620

Ion Ratio Lower Upper

152 100

151 21.2 17.1 25.7

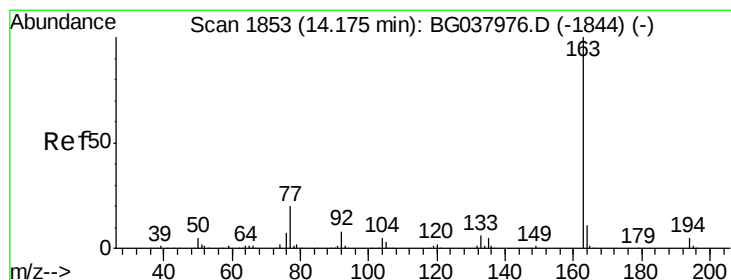
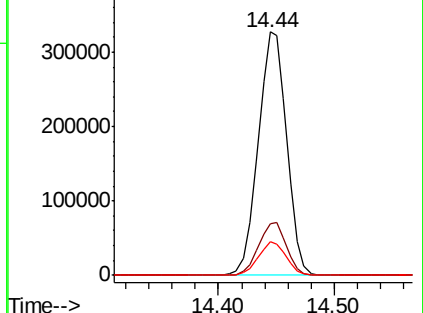
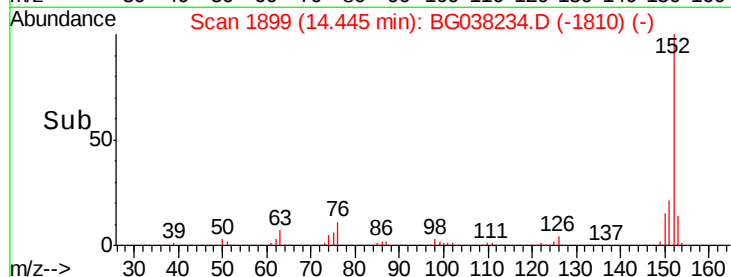
153 13.6 11.1 16.7



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: 41.041 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

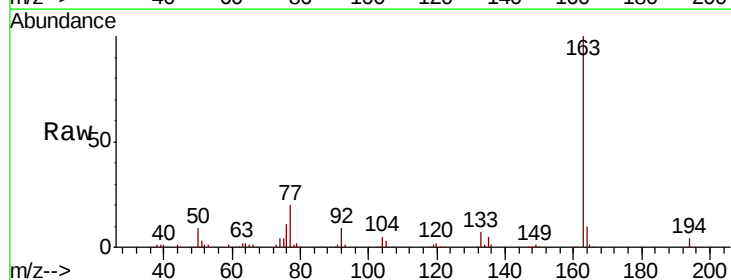
Tgt Ion:163 Resp: 454880

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

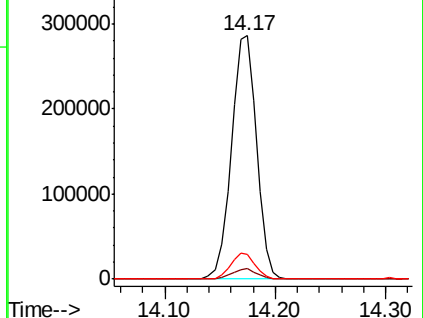
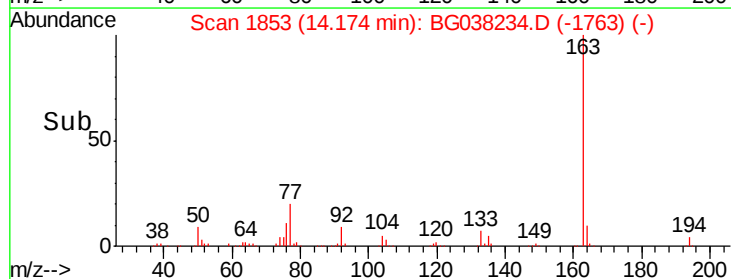
164 10.0 8.5 12.7

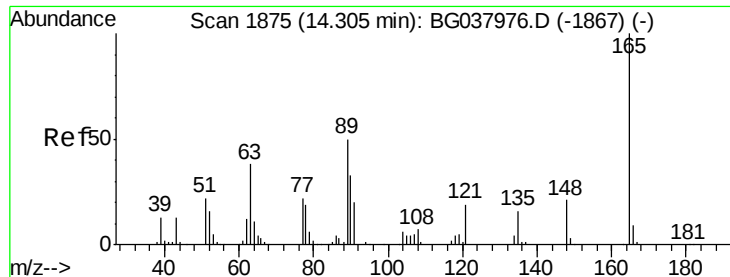


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

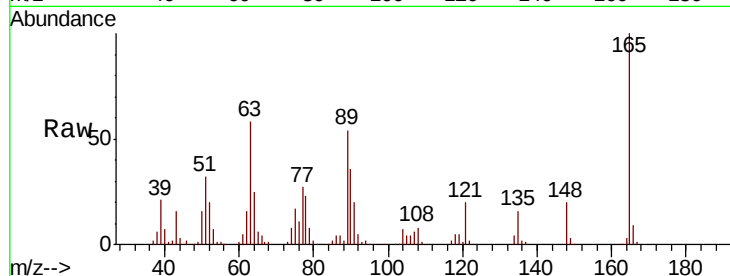




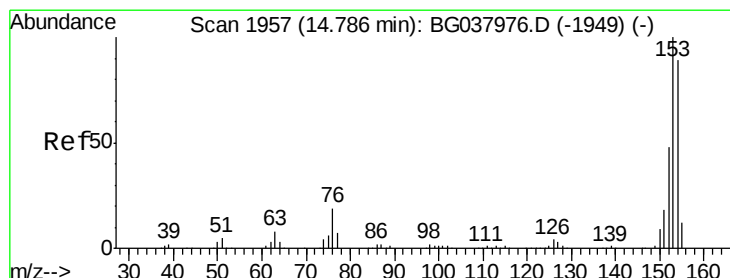
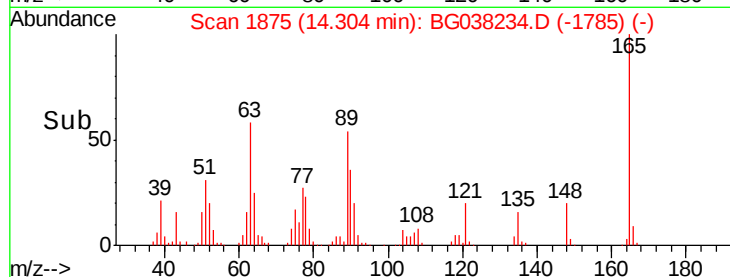
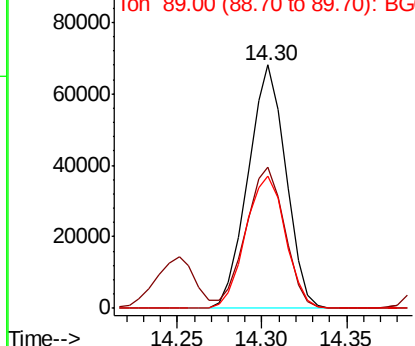
#51
 2,6-Dinitrotoluene
 Concen: 42.240 ng
 RT: 14.30 min Scan# 1875
 Delta R.T. -0.00 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 105960
 Ion Ratio Lower Upper
 165 100
 63 58.1 43.4 65.2
 89 54.4 45.8 68.6

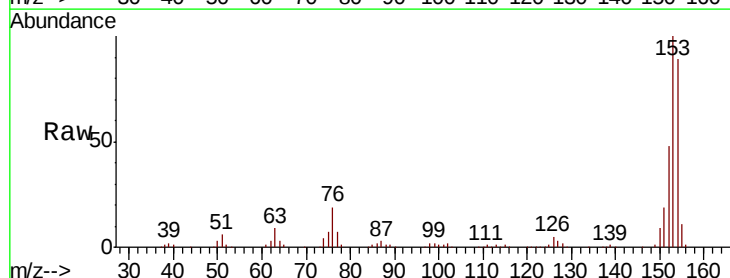


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

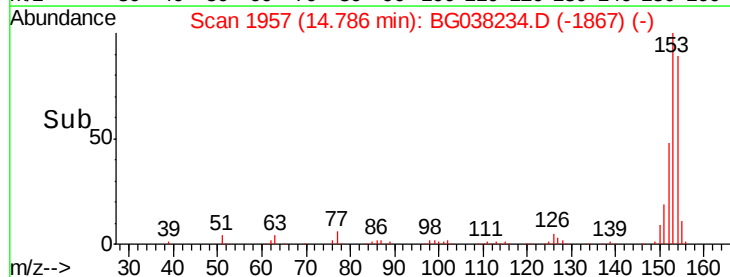
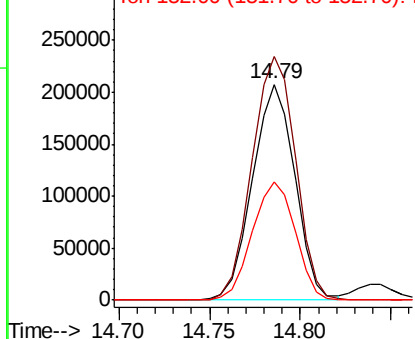


#52
 Acenaphthene
 Concen: 41.519 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

Tgt Ion:154 Resp: 336890
 Ion Ratio Lower Upper
 154 100
 153 112.8 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

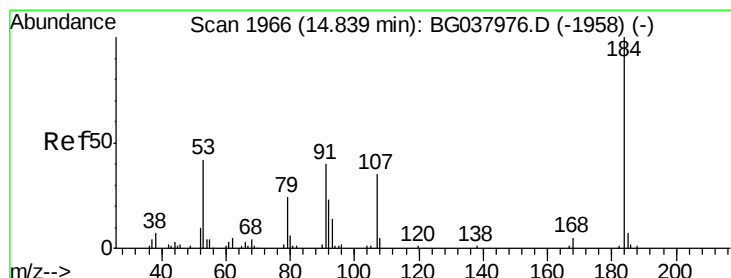
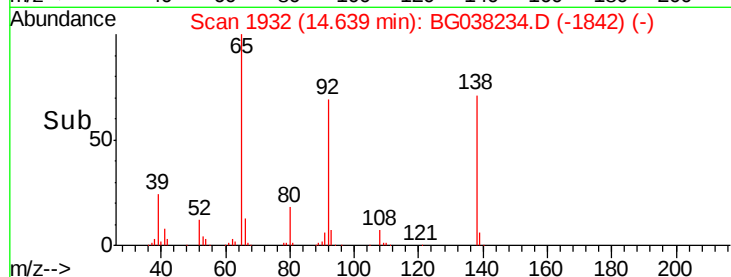
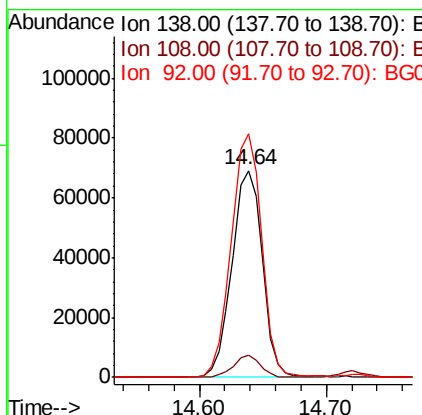
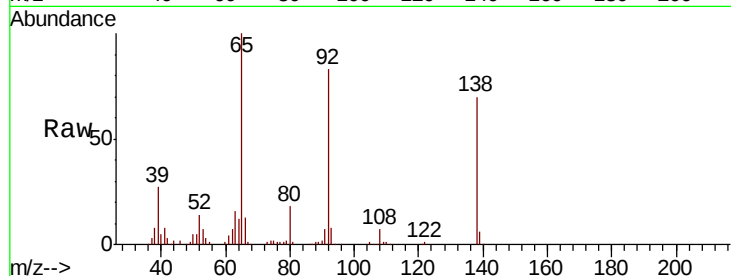




#53
 3-Nitroaniline
 Concen: 41.396 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

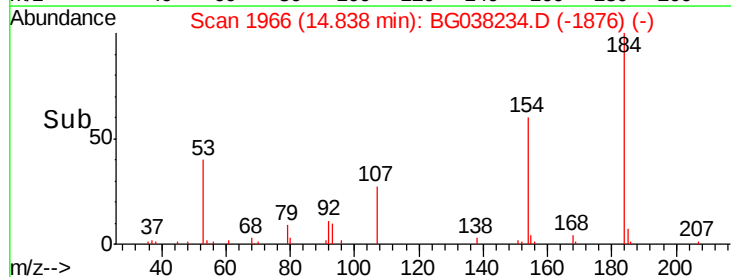
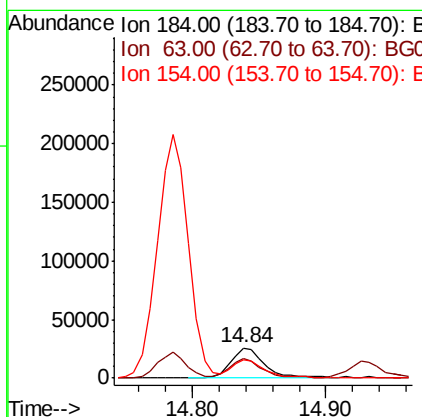
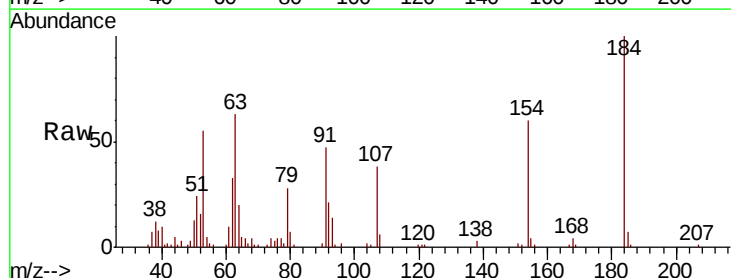
Instrument :
 BNA_G
 ClientSampleId :

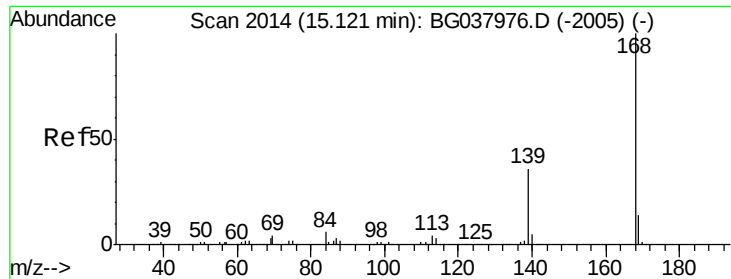
Tot Ion:138 Resp: 114587
 Ion Ratio Lower Upper
 138 100
 108 10.5 11.0 16.6#
 92 117.9 95.2 142.8



#54
 2,4-Dinitrophenol
 Concen: 38.824 ng
 RT: 14.84 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

Tgt Ion:184 Resp: 45243
 Ion Ratio Lower Upper
 184 100
 63 62.6 42.6 63.8
 154 59.8 41.8 62.6

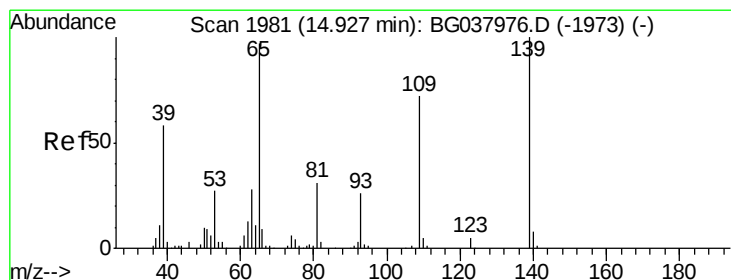
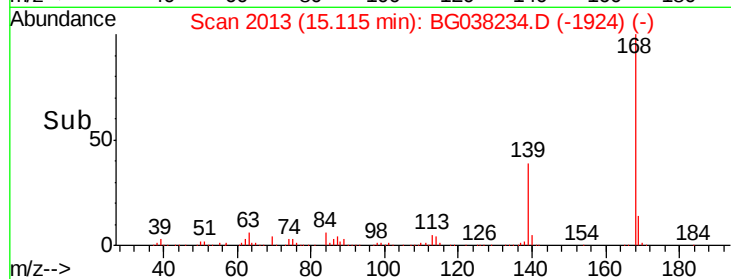
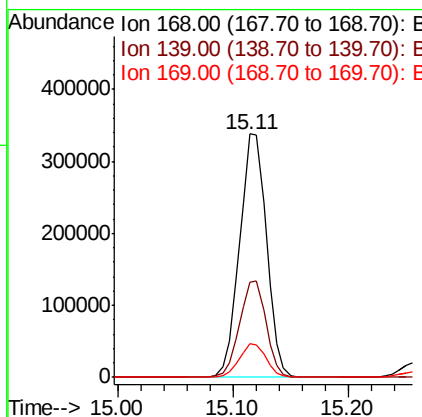
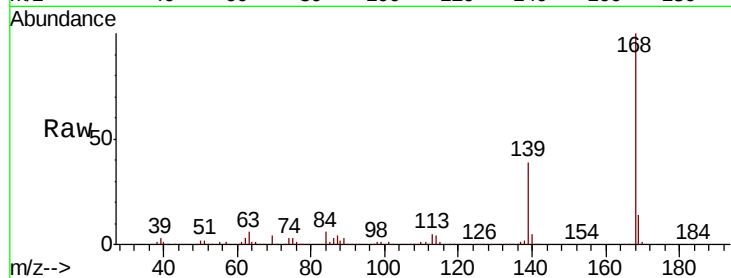




#55
Dibenzofuran
Concen: 40.851 ng
RT: 15.11 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

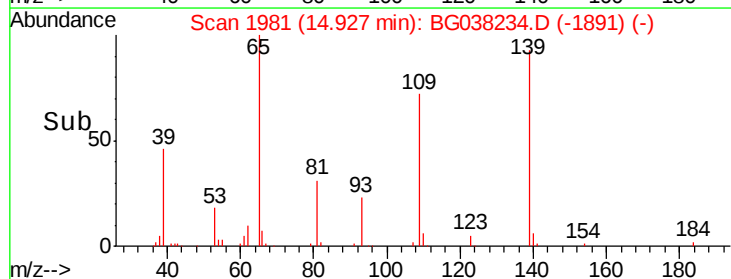
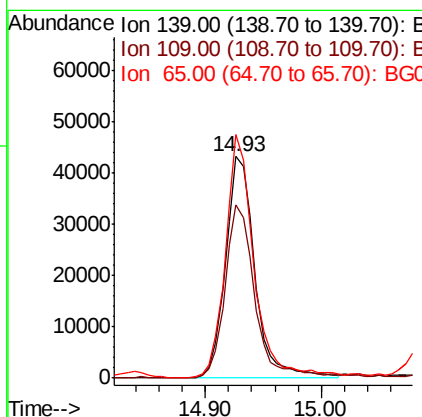
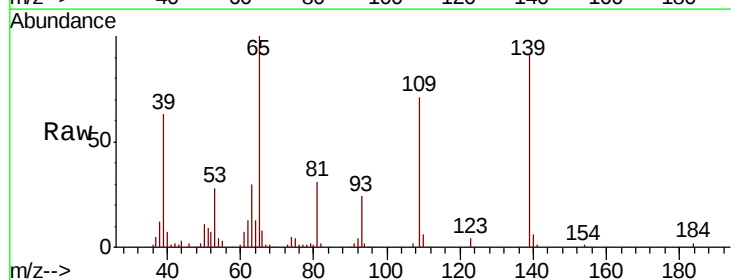
Instrument :
BNA_G
ClientSampleId :

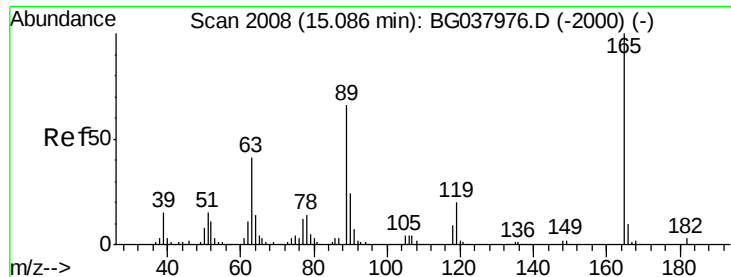
Tot Ion:168 Resp: 548095
Ion Ratio Lower Upper
168 100
139 38.9 29.4 44.0
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 35.713 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

Tgt Ion:139 Resp: 76243
Ion Ratio Lower Upper
139 100
109 78.0 49.5 89.5
65 109.9 76.8 116.8

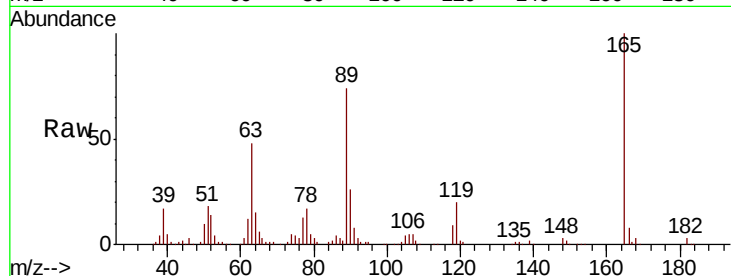




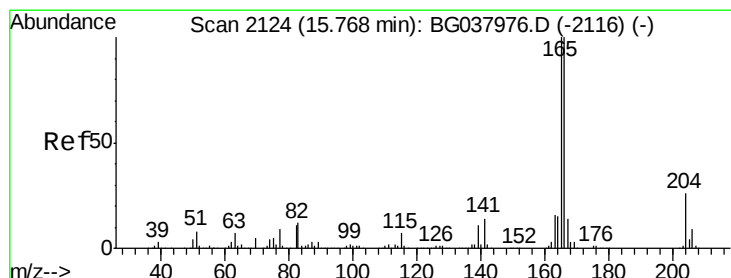
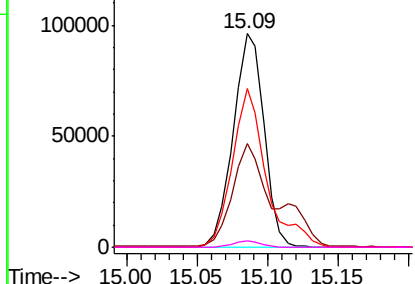
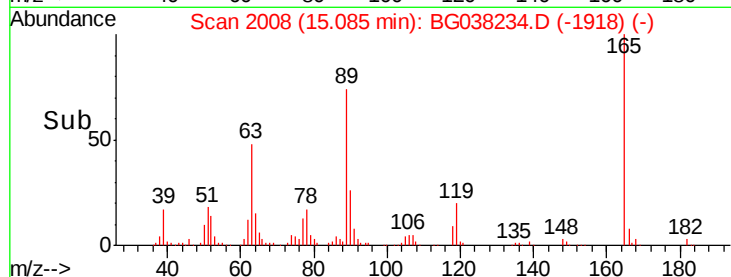
#57
2,4-Dinitrotoluene
Concen: 42.835 ng
RT: 15.09 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp: 146198
Ion Ratio	Lower Upper
165 100	
63 48.3	33.4 50.0
89 74.4	57.2 85.8
182 3.0	2.6 4.0

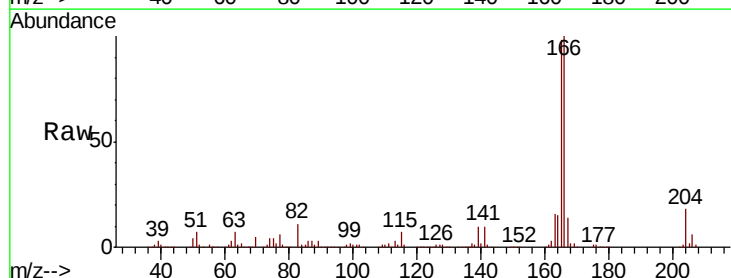


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

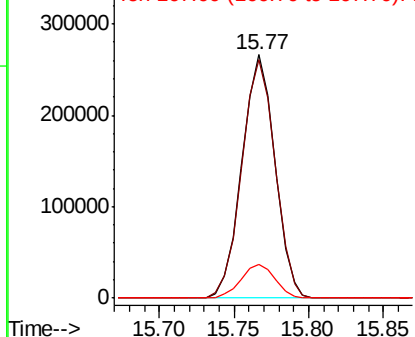
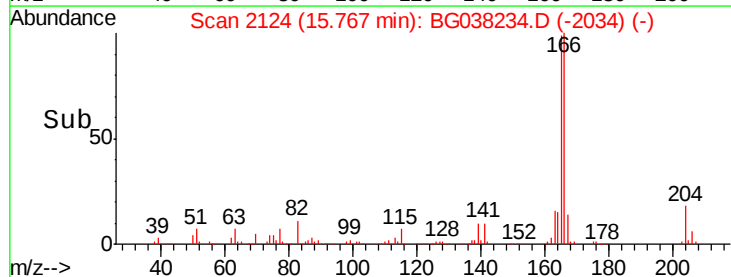


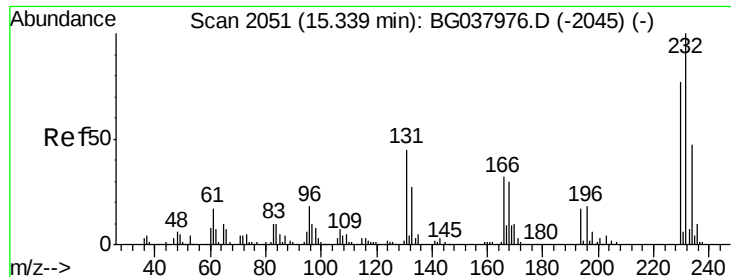
#58
Fluorene
Concen: 40.630 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

Tgt	Ion:166	Resp:	406730
Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.0	118.6
167	13.9	11.3	16.9



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

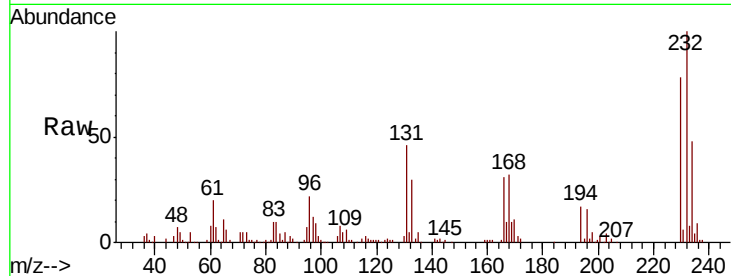




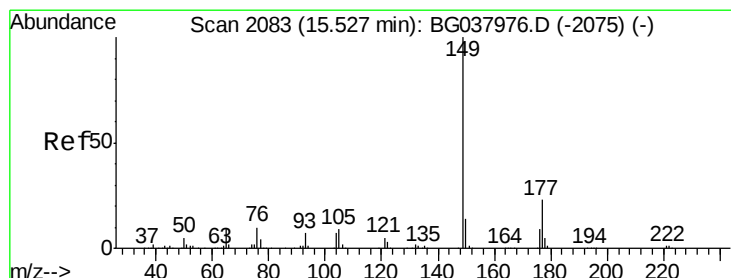
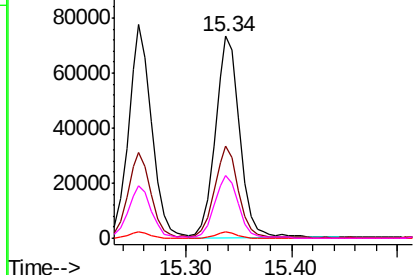
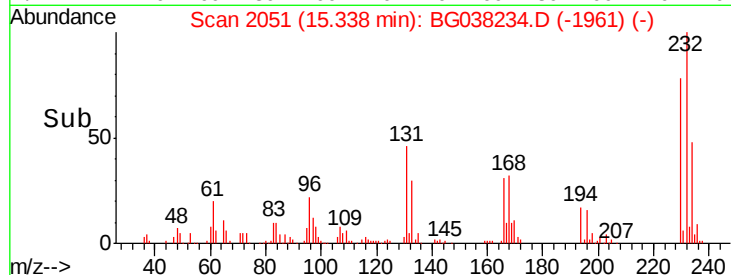
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.141 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:232 Resp: 118115
Ion Ratio Lower Upper
232 100
131 44.5 33.7 50.5
130 2.8 2.1 3.1
166 31.0 24.6 36.8

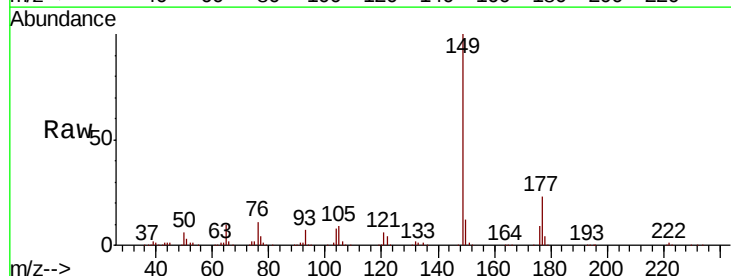


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

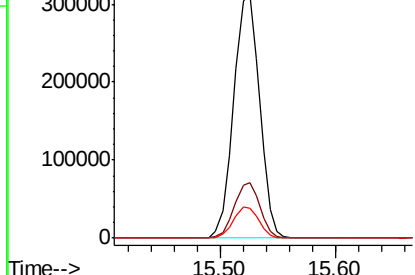
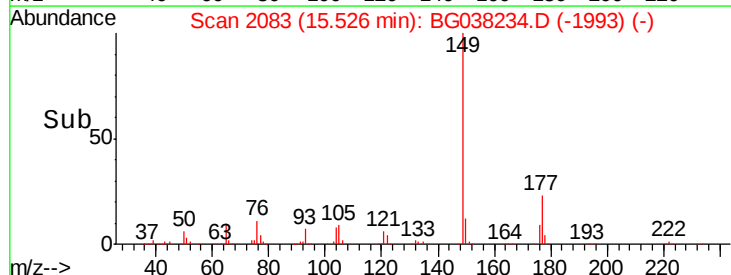


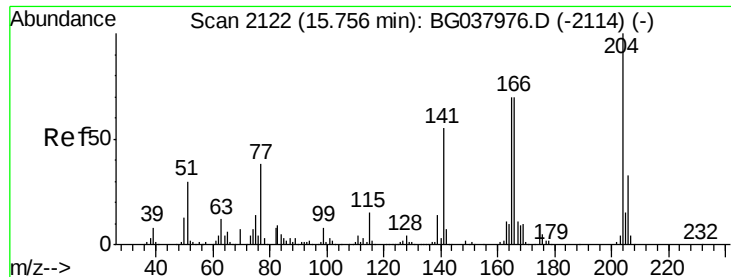
#60
Diethylphthalate
Concen: 41.150 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

Tgt Ion:149 Resp: 484439
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 12.3 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

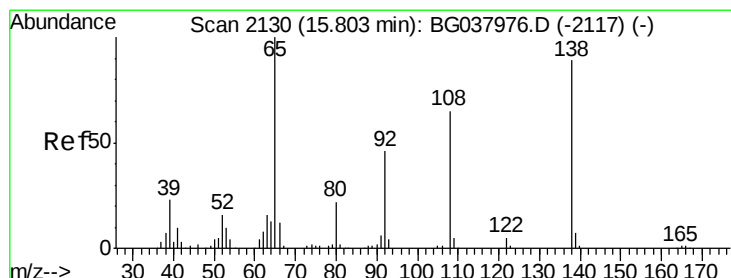
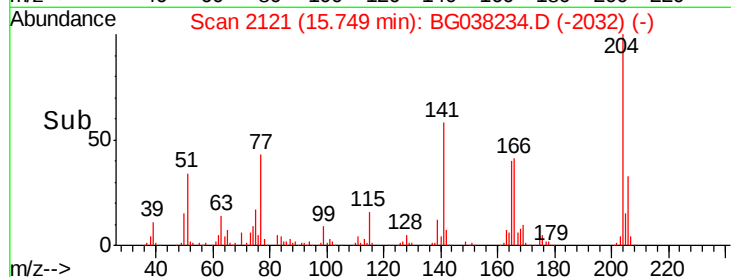
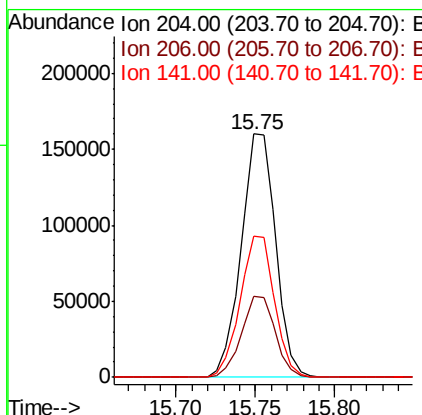
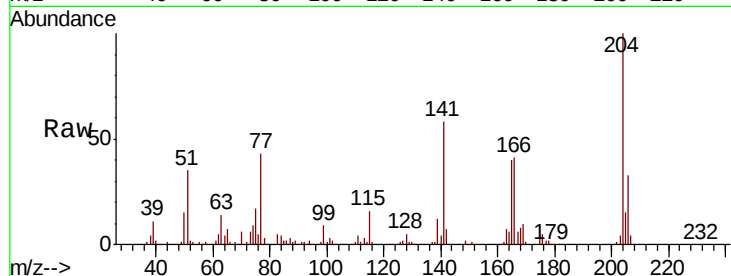




#61
 4-Chlorophenyl-phenylether
 Concen: 41.089 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

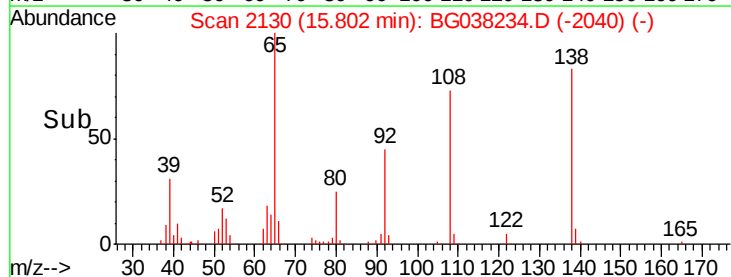
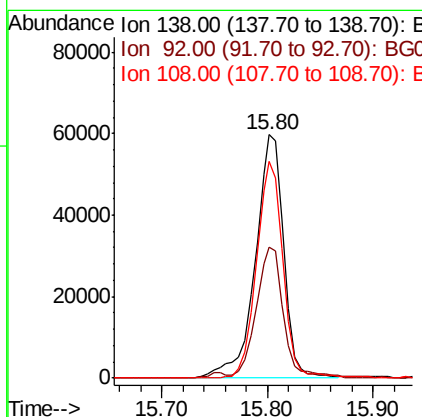
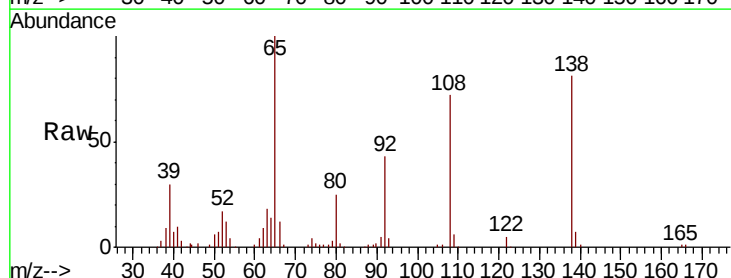
Instrument :
 BNA_G
 ClientSampled :

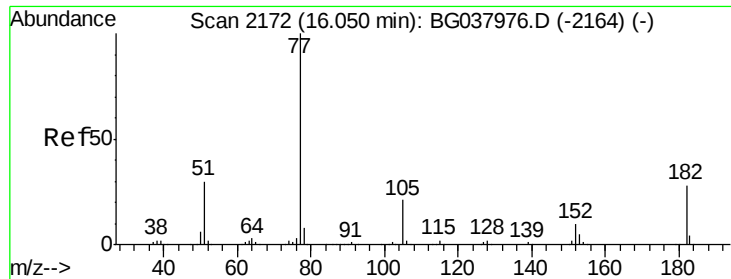
Tot Ion:204 Resp: 240682
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.6 39.8
 141 57.9 45.4 68.2



#62
 4-Nitroaniline
 Concen: 40.634 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

Tgt Ion:138 Resp: 111735
 Ion Ratio Lower Upper
 138 100
 92 53.8 36.4 76.4
 108 88.8 60.1 100.1

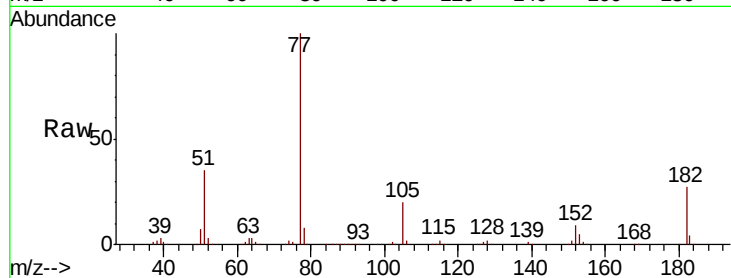




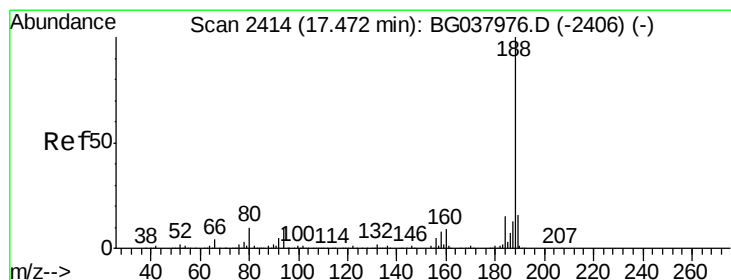
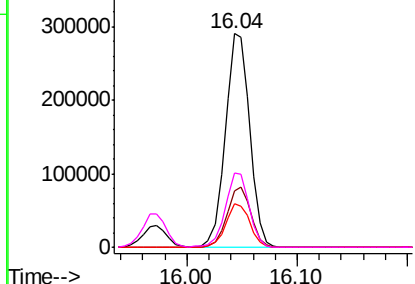
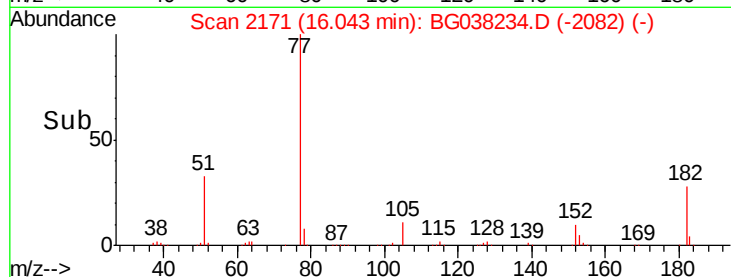
#63
Azobenzene
Concen: 42.316 ng
RT: 16.04 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.5	8.0	48.0	
105	20.4	1.3	41.3	
51	34.8	10.7	50.7	

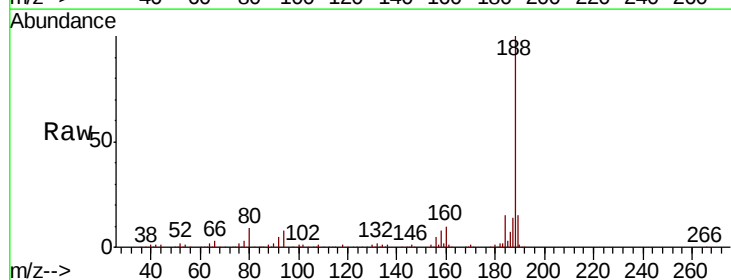


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

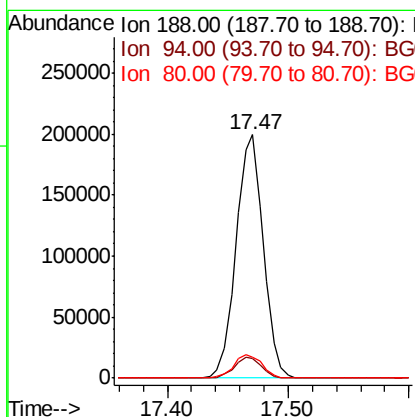
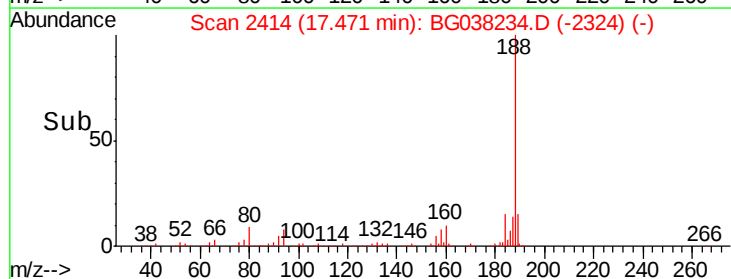


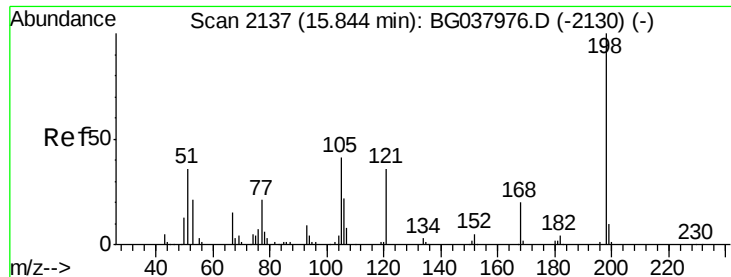
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.9	7.2	10.8	
80	8.7	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: 36.332 ng

RT: 15.85 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA_G

ClientSampleId :

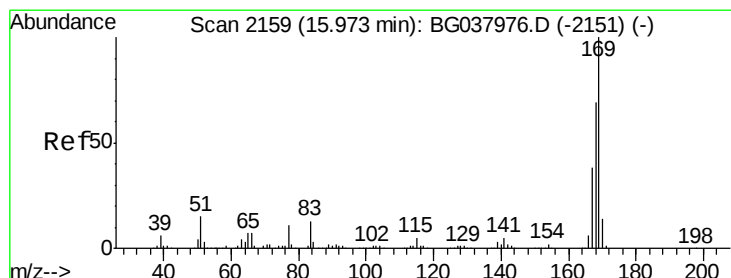
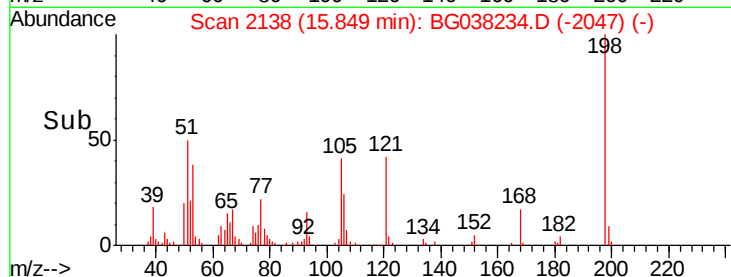
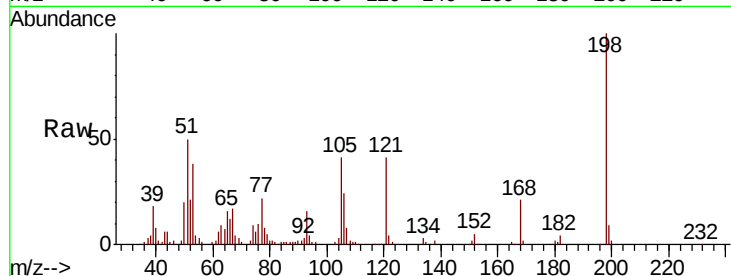
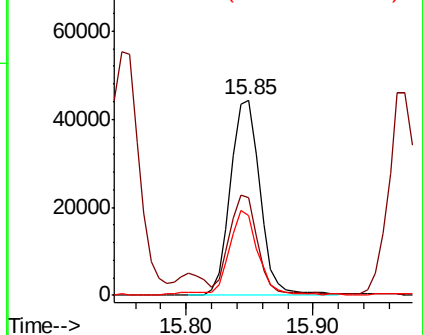
Tot Ion:198 Resp: 71795

Ion	Ratio	Lower	Upper
198	100		
51	49.9	22.7	62.7
105	41.0	19.7	59.7

Abundance Ion 198.00 (197.70 to 198.70): E

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

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.940 ng

RT: 15.97 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

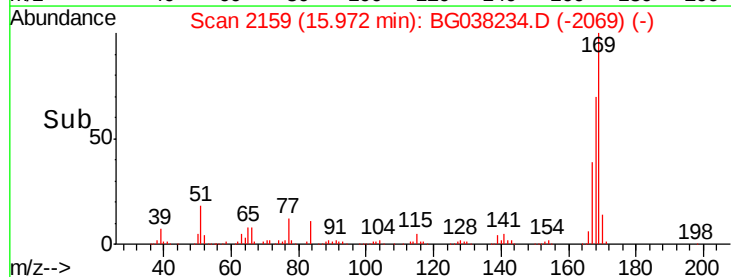
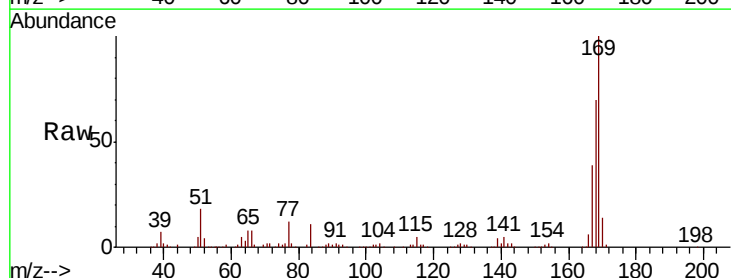
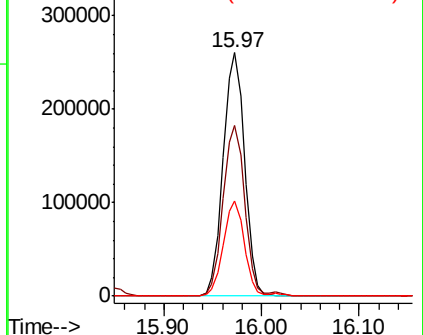
Tgt Ion:169 Resp: 396408

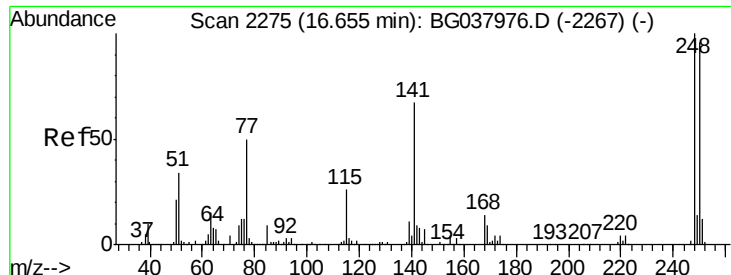
Ion	Ratio	Lower	Upper
169	100		
168	69.9	55.7	83.5
167	39.2	31.3	46.9

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

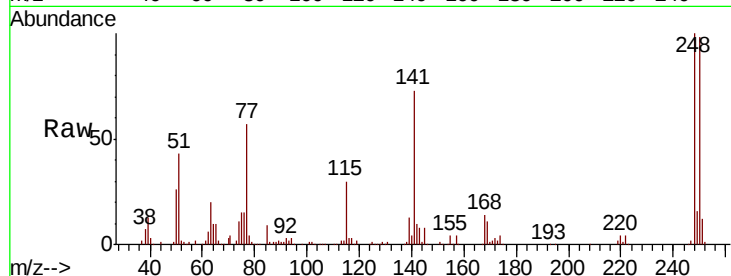




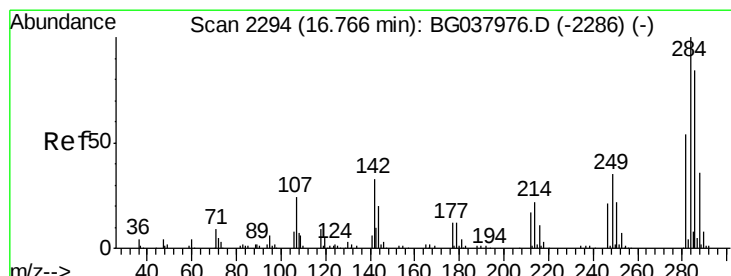
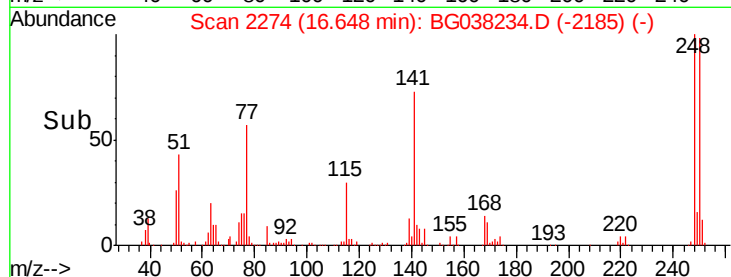
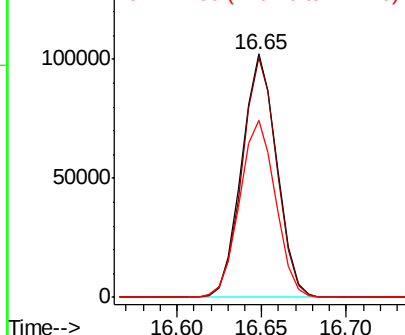
#67
 4-Bromophenyl-phenylether
 Concen: 42.977 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 147373
 Ion Ratio Lower Upper
 248 100
 250 98.2 77.0 115.6
 141 72.8 55.5 83.3

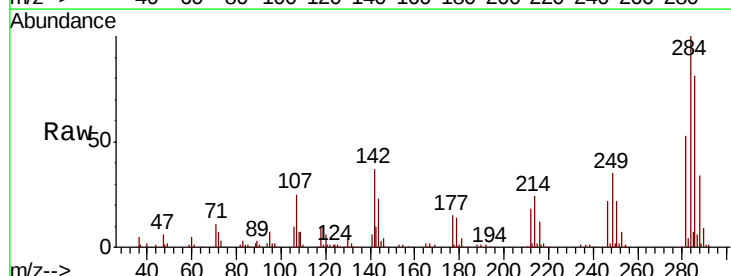


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

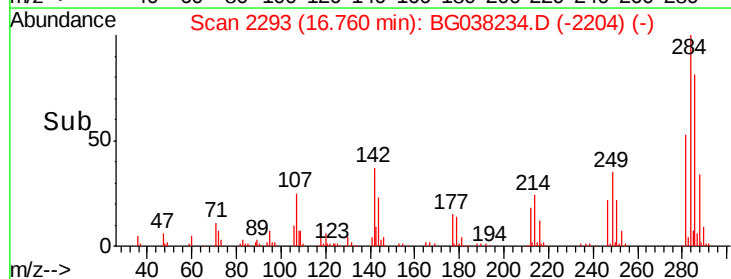
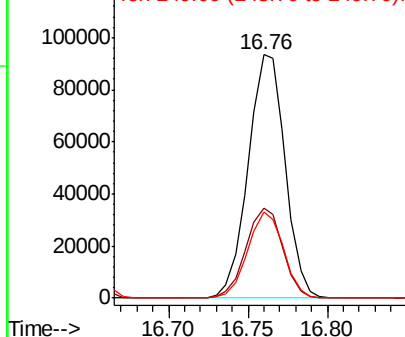


#68
 Hexachlorobenzene
 Concen: 42.629 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

Tgt Ion:284 Resp: 150889
 Ion Ratio Lower Upper
 284 100
 142 37.2 28.1 42.1
 249 37.6 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

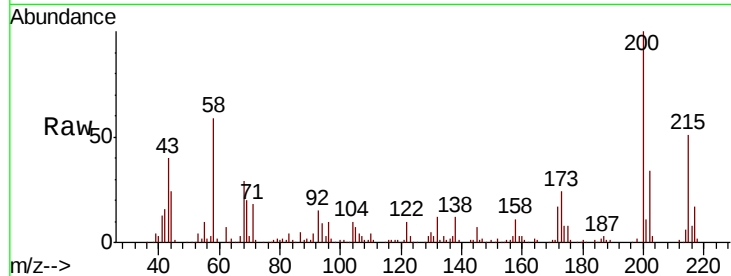




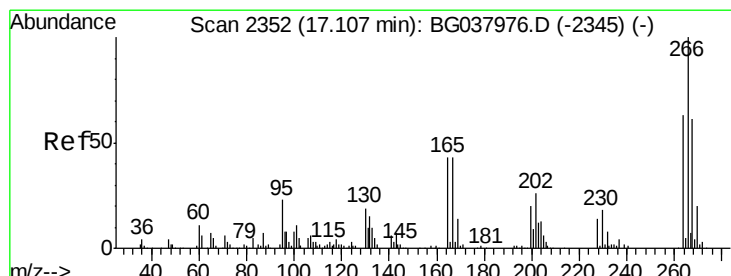
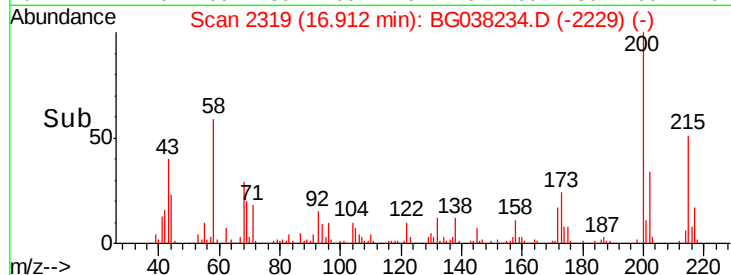
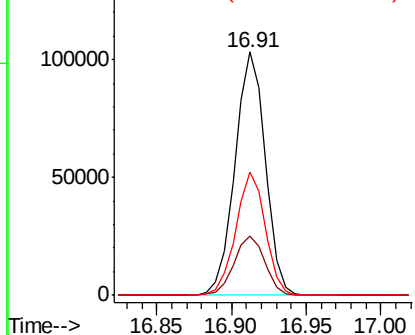
#69
 Atrazine
 Concen: 41.800 ng
 RT: 16.91 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 145642
 Ion Ratio Lower Upper
 200 100
 173 24.4 6.1 46.1
 215 50.7 30.8 70.8

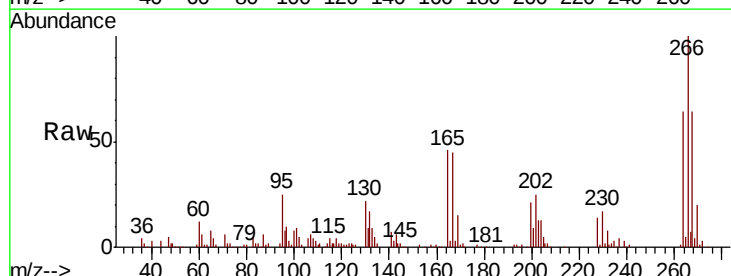


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

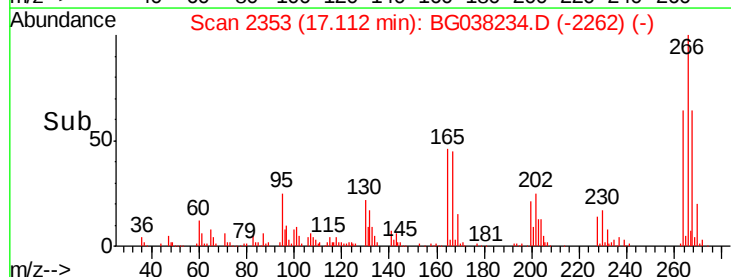
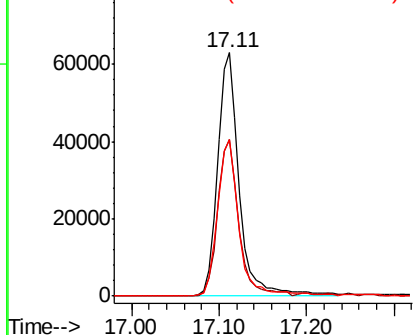


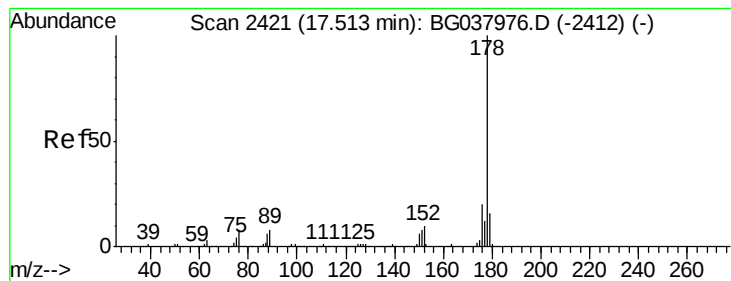
#70
 Pentachlorophenol
 Concen: 45.007 ng
 RT: 17.11 min Scan# 2353
 Delta R.T. 0.00 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

Tgt Ion:266 Resp: 108195
 Ion Ratio Lower Upper
 266 100
 268 68.6 55.0 82.6
 264 69.5 58.9 88.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.011 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA_G

ClientSampleId :

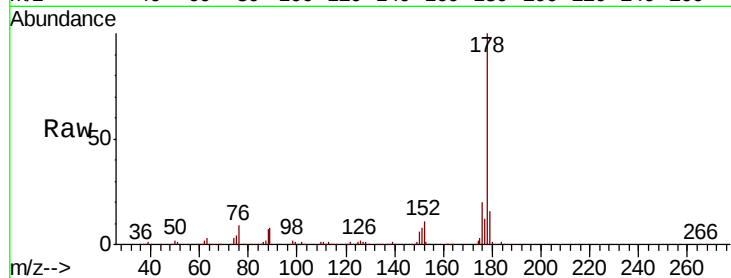
Tot Ion:178 Resp: 655998

Ion Ratio Lower Upper

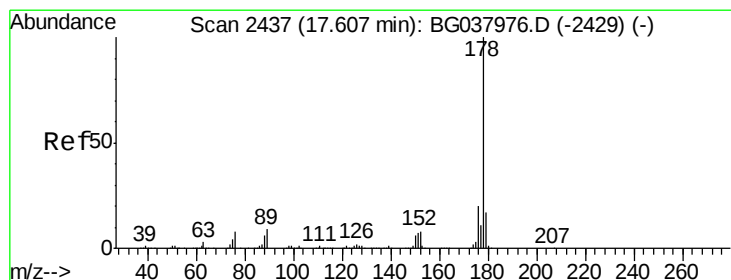
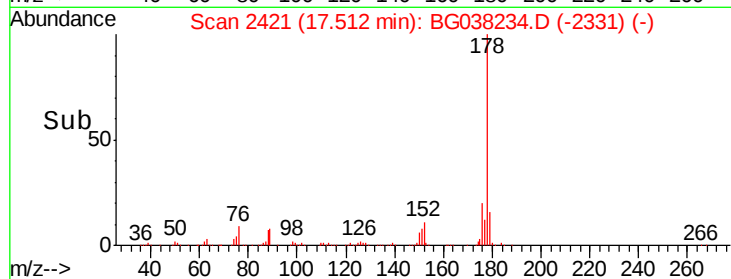
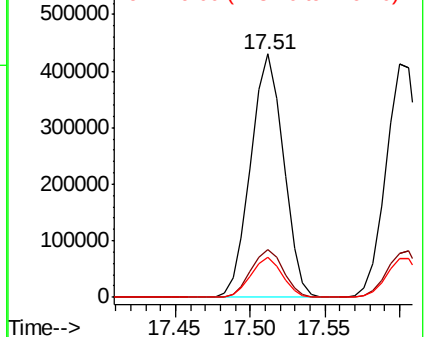
178 100

176 19.7 16.1 24.1

179 16.4 13.0 19.4



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



#72

Anthracene

Concen: 41.308 ng

RT: 17.60 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

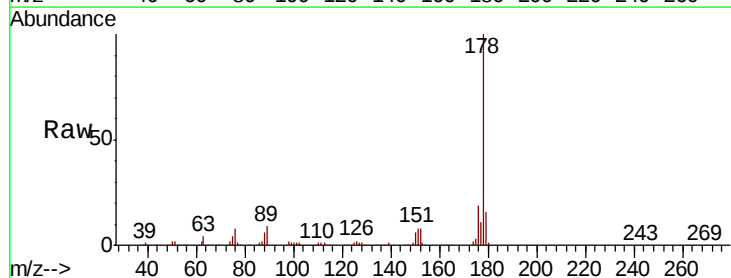
Tgt Ion:178 Resp: 651330

Ion Ratio Lower Upper

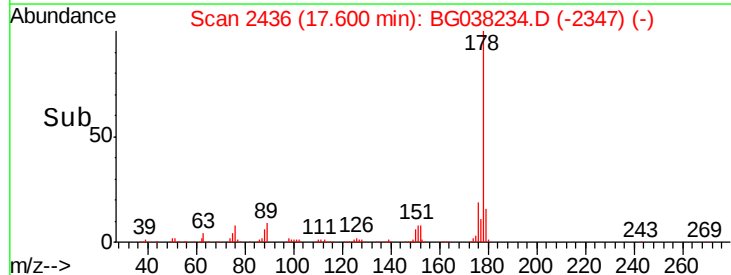
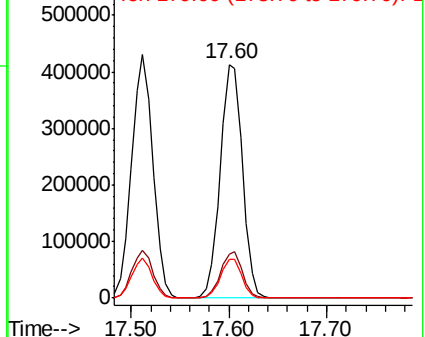
178 100

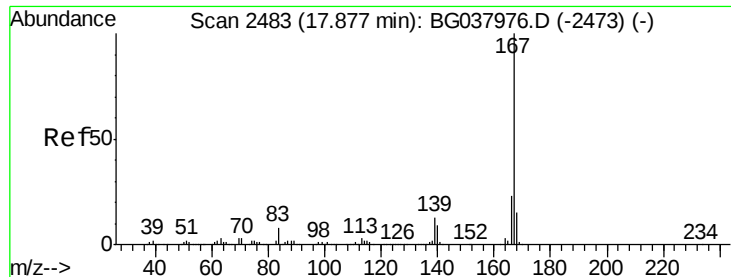
176 18.8 15.0 22.4

179 16.5 12.8 19.2



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

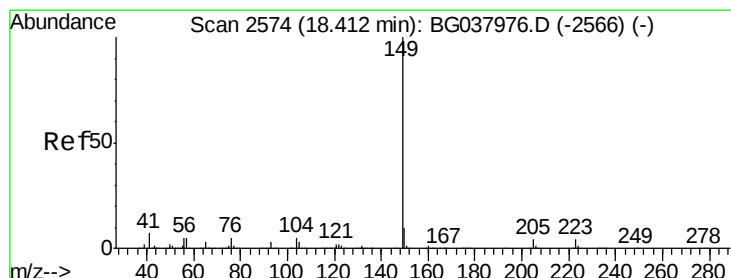
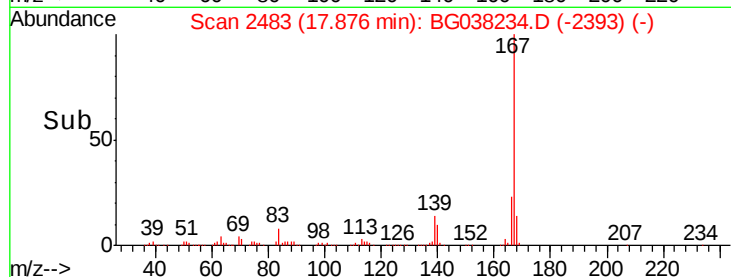
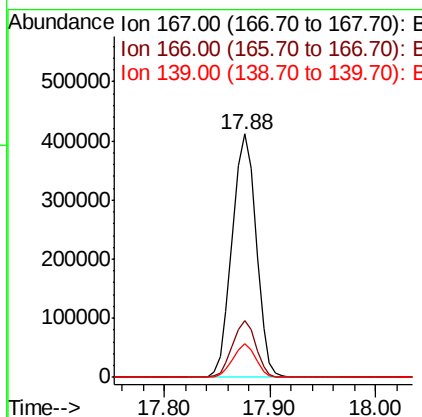
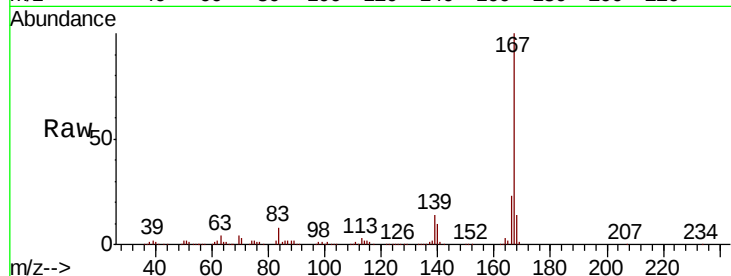




#73
 Carbazole
 Concen: 41.018 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

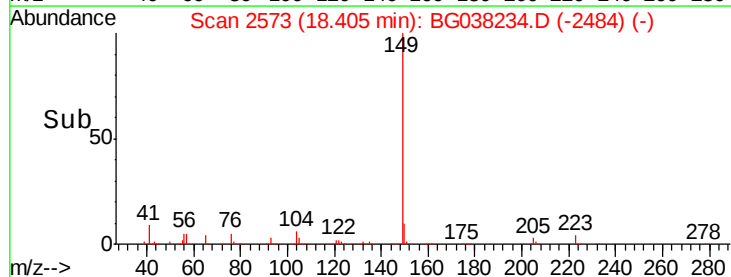
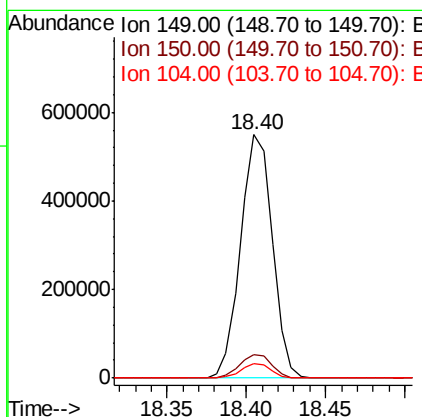
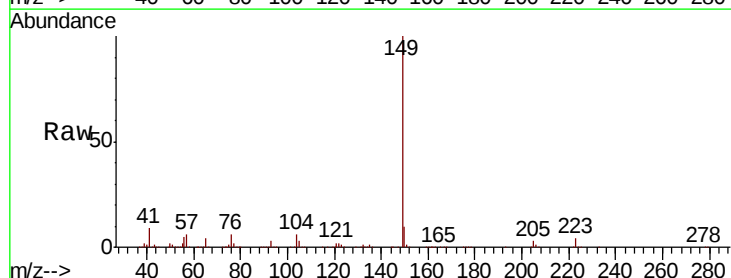
Instrument :
 BNA_G
 ClientSampleId :

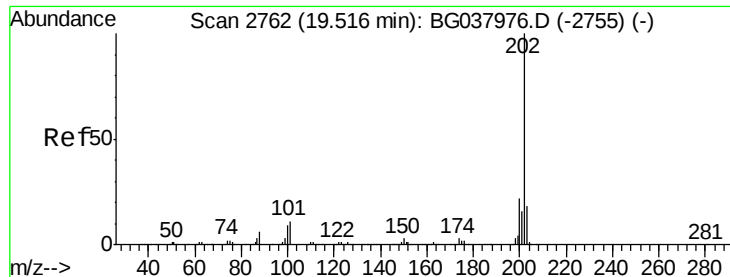
Tot Ion:167 Resp: 648881
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.3 27.5
 139 13.6 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 43.068 ng
 RT: 18.40 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

Tgt Ion:149 Resp: 764798
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.2 12.2
 104 5.8 4.0 6.0





#75

Fluoranthene

Concen: 41.519 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA_G

ClientSampleId :

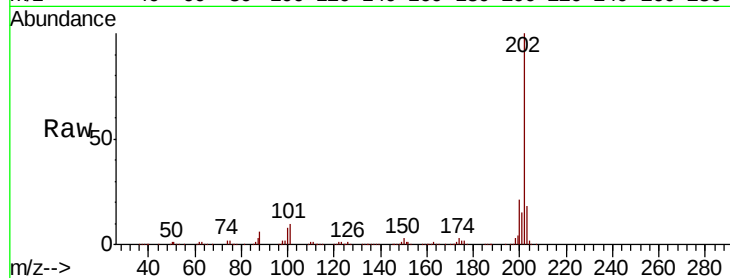
Tot Ion:202 Resp: 757728

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.7

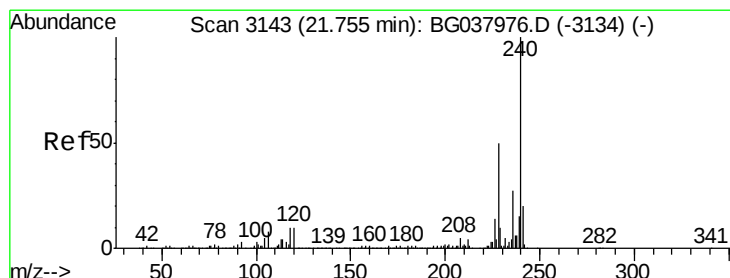
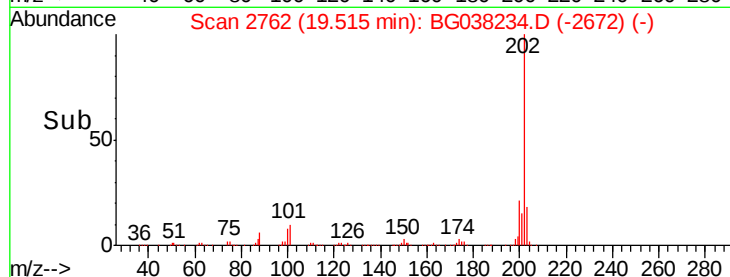
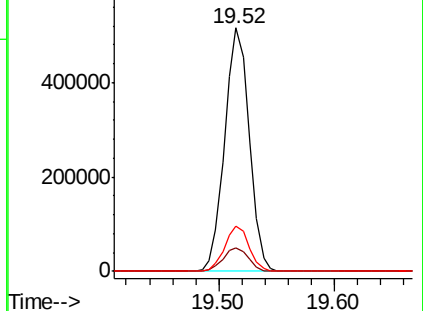
203 18.3 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

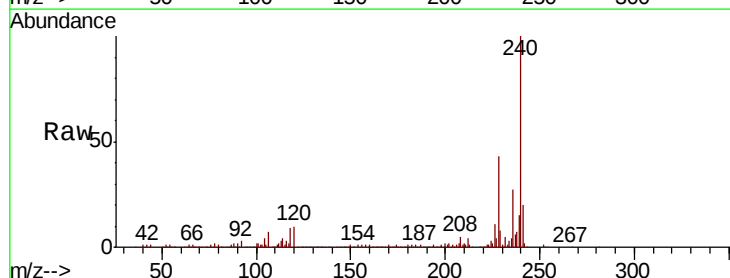
Tgt Ion:240 Resp: 286383

Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

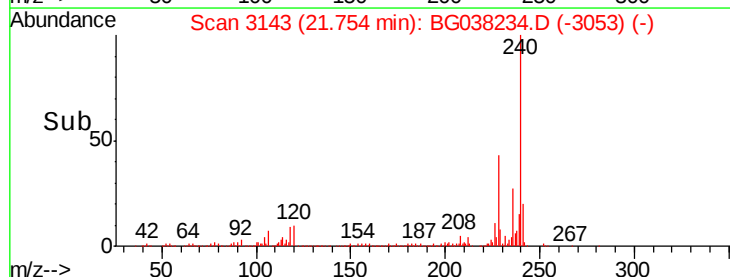
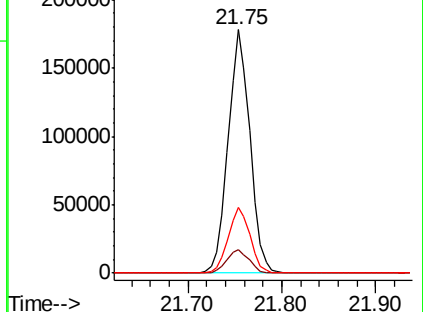
236 27.0 21.4 32.0



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: 37.812 ng

RT: 19.70 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA_G

ClientSampleId :

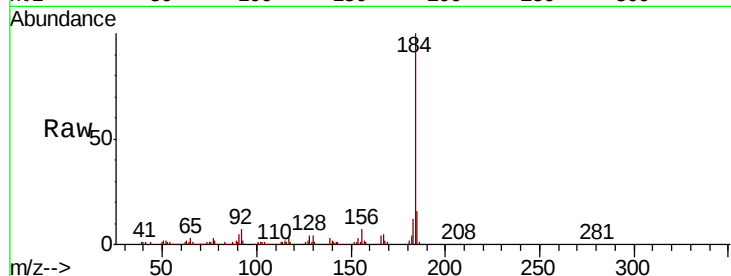
Tot Ion:184 Resp: 379974

Ion Ratio Lower Upper

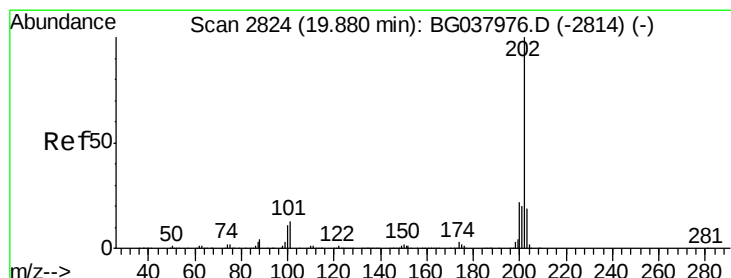
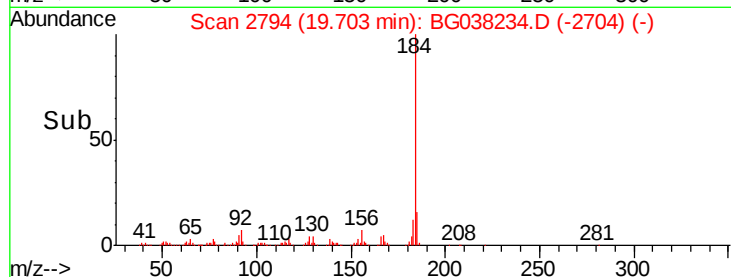
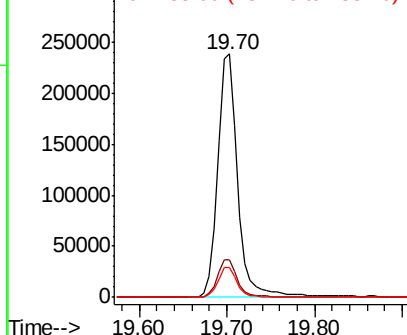
184 100

185 15.5 12.6 18.8

183 12.1 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: 41.030 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

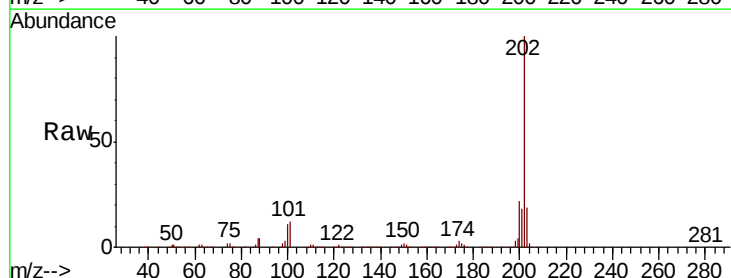
Tgt Ion:202 Resp: 768245

Ion Ratio Lower Upper

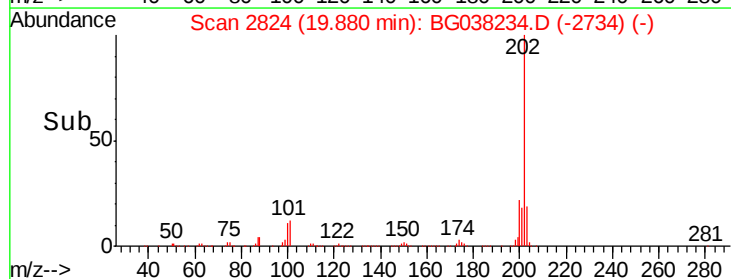
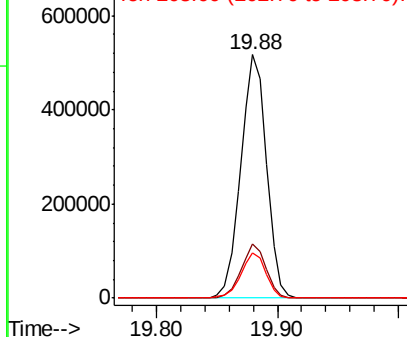
202 100

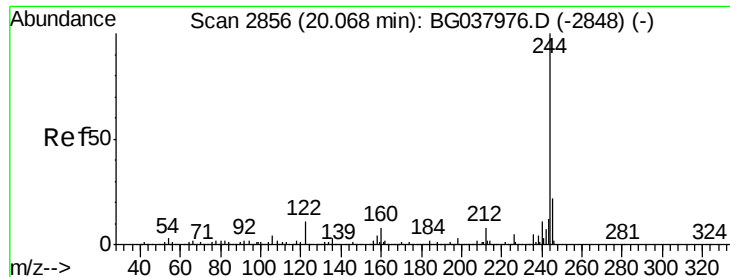
200 22.1 17.8 26.6

203 18.6 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: 83.029 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

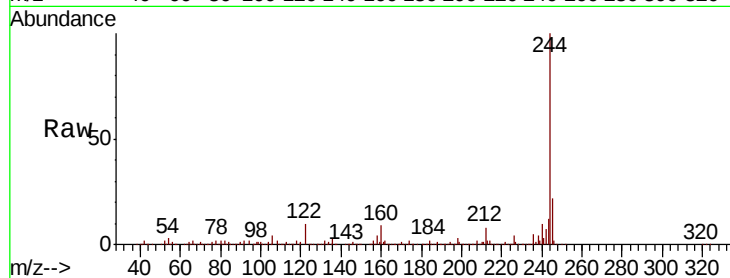
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1010537

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.2	9.0	13.4

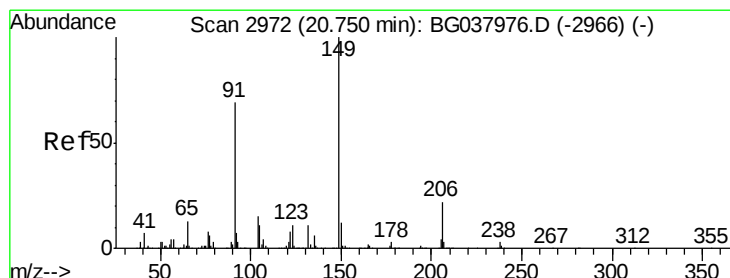
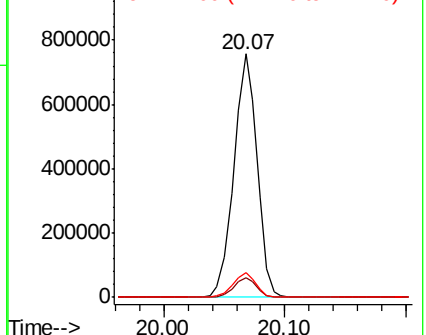
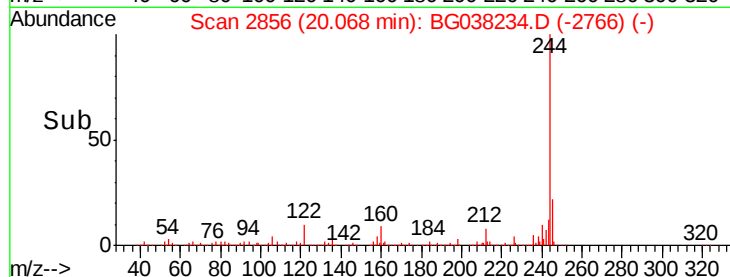


Abundance

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: 42.929 ng

RT: 20.75 min Scan# 2972

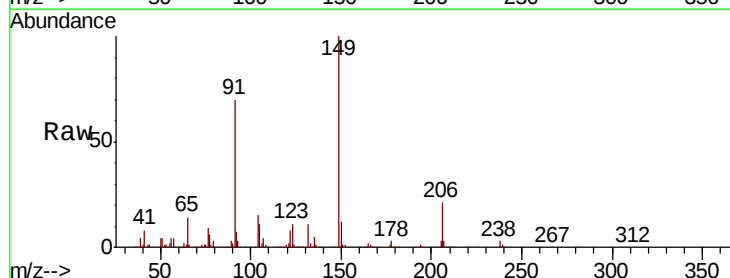
Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Tgt Ion:149 Resp: 351511

Ion	Ratio	Lower	Upper
149	100		
91	69.9	57.0	85.4
206	20.8	17.8	26.6

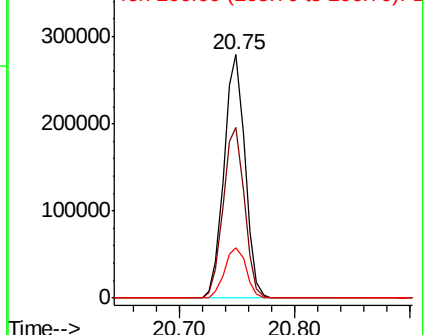
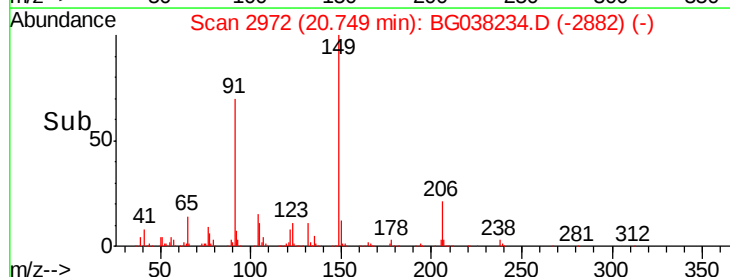


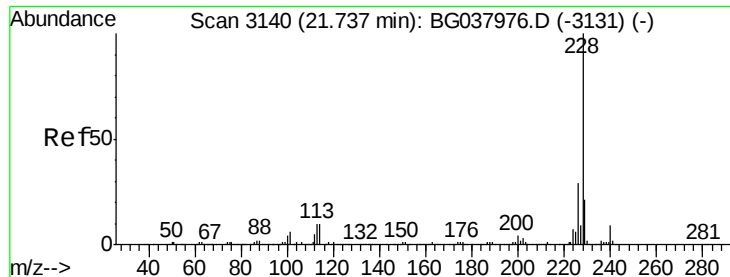
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

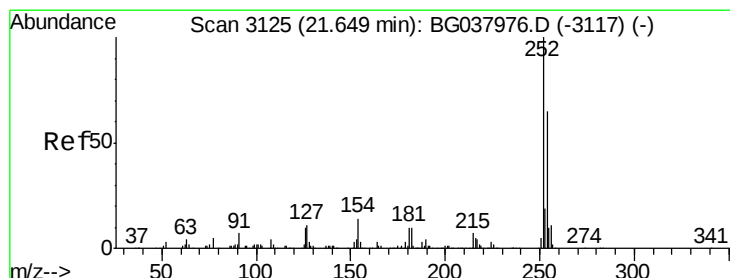
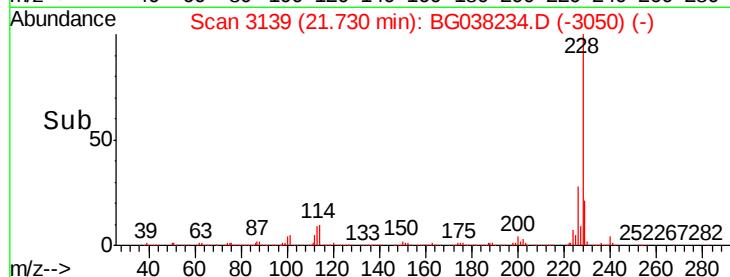
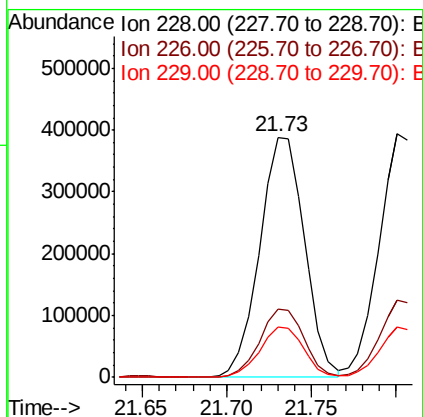
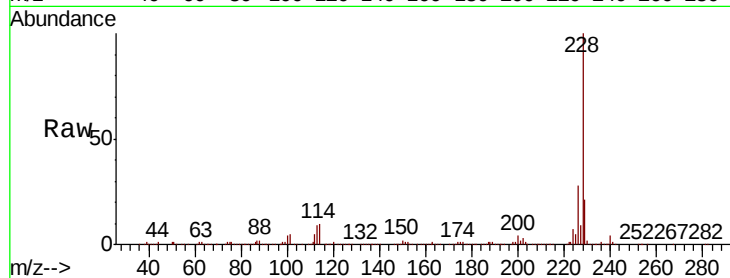




#81
Benzo(a)anthracene
Concen: 41.117 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

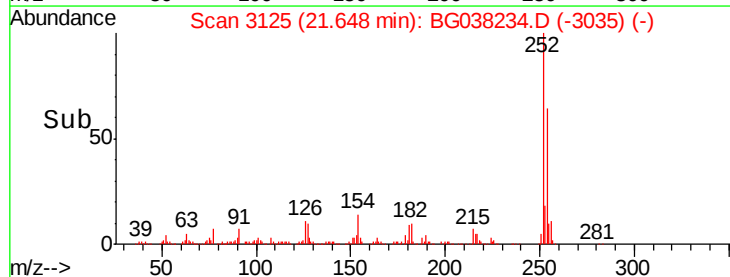
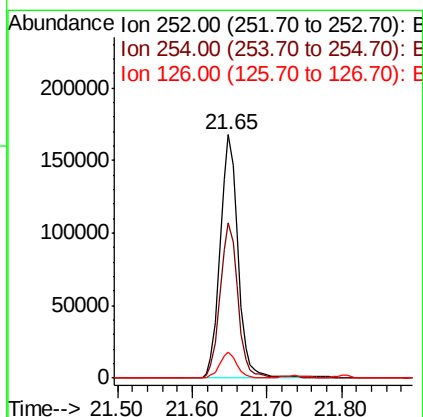
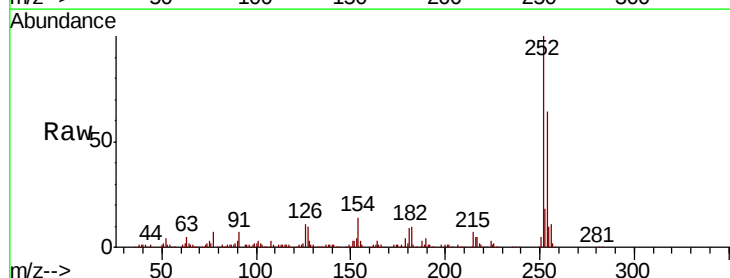
Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 711581
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 21.1 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 41.697 ng
RT: 21.65 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG038234.D
Acq: 29 Nov 2018 15:44

Tgt Ion:252 Resp: 281098
Ion Ratio Lower Upper
252 100
254 63.9 52.0 78.0
126 10.6 8.2 12.4

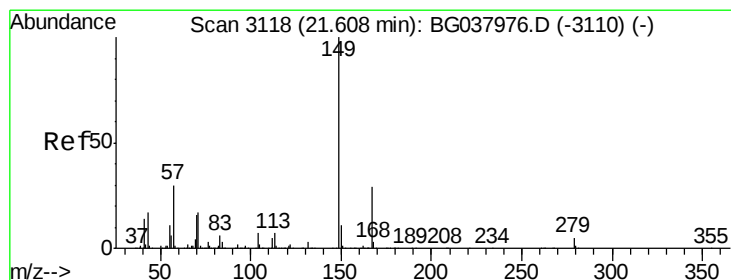
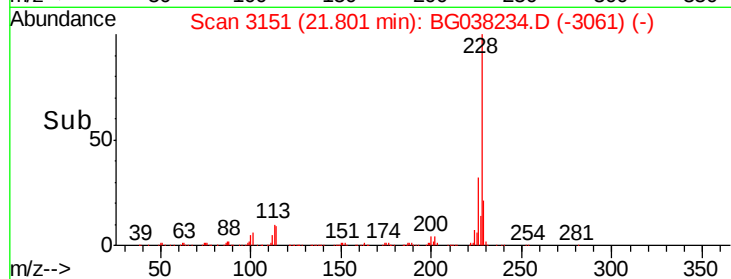
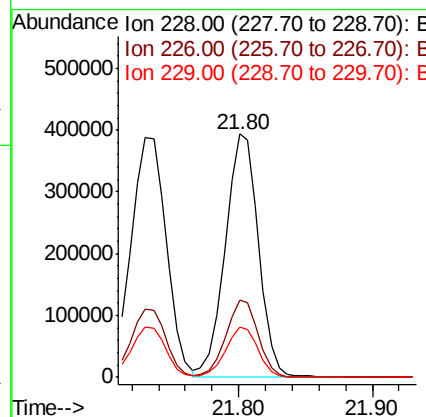
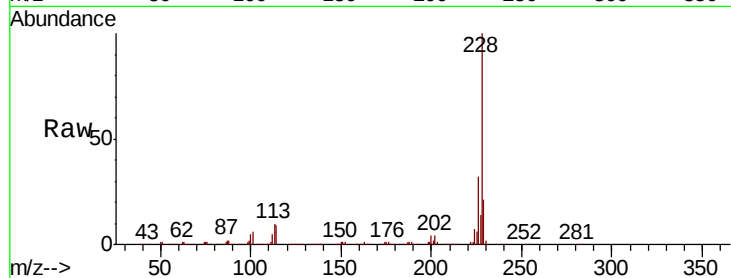




#83
 Chrysene
 Concen: 41.161 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

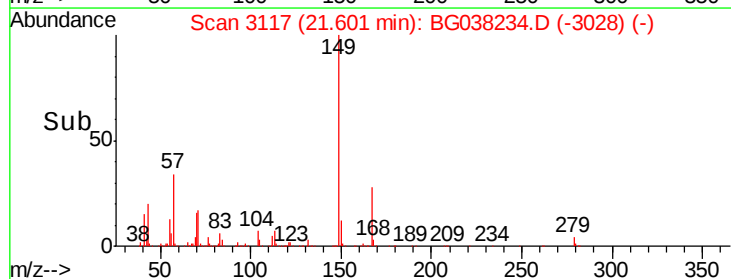
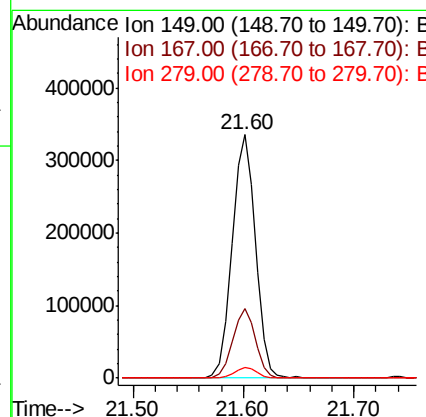
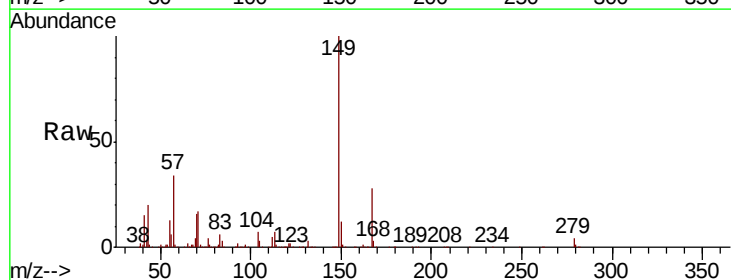
Instrument :
 BNA_G
 ClientSampled :

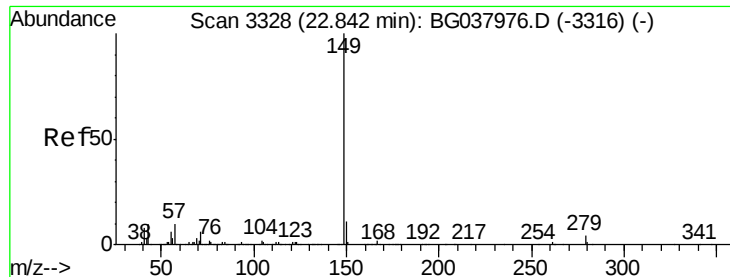
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.7	38.5
229	20.6	16.5	24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.471 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG038234.D
 Acq: 29 Nov 2018 15:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.0	34.4
279	4.4	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 43.586 ng

RT: 22.84 min Scan# 3328

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA_G

ClientSampled :

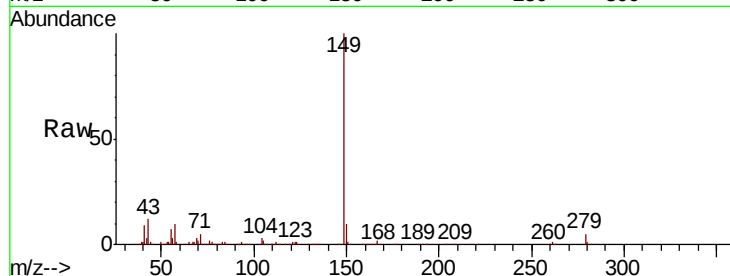
Tot Ion:149 Resp: 823397

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

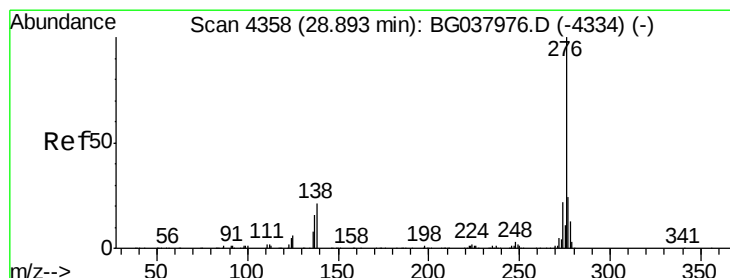
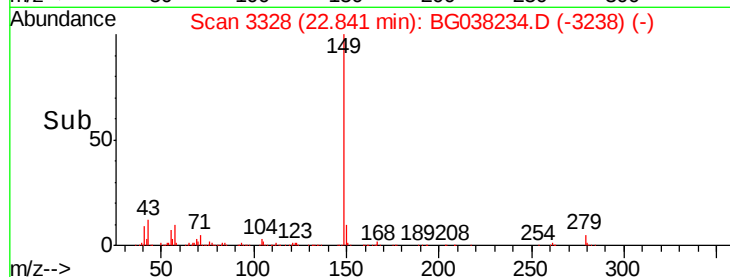
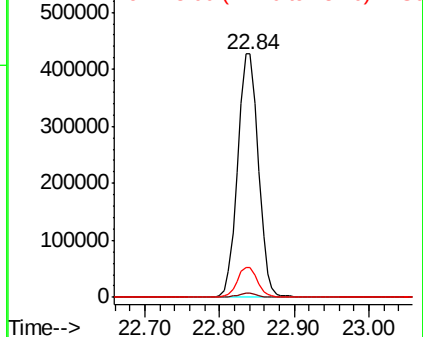
43 12.2 8.7 13.1



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.086 ng

RT: 28.88 min Scan# 4356

Delta R.T. -0.01 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

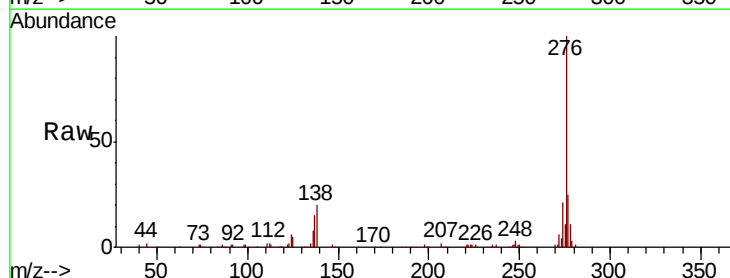
Tgt Ion:276 Resp: 682024

Ion Ratio Lower Upper

276 100

138 13.8 12.0 18.0

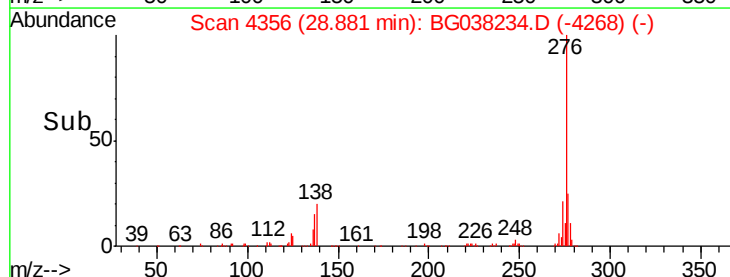
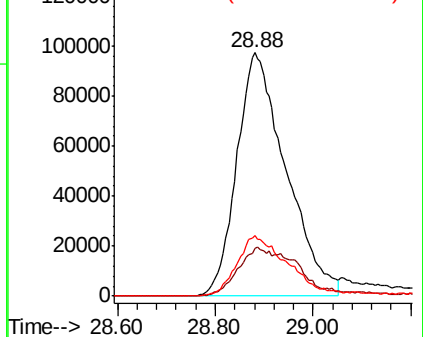
277 25.7 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA_G

ClientSampleId :

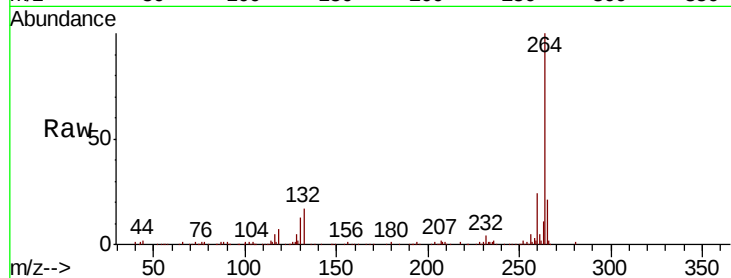
Tot Ion:264 Resp: 303836

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 21.4 17.9 26.9

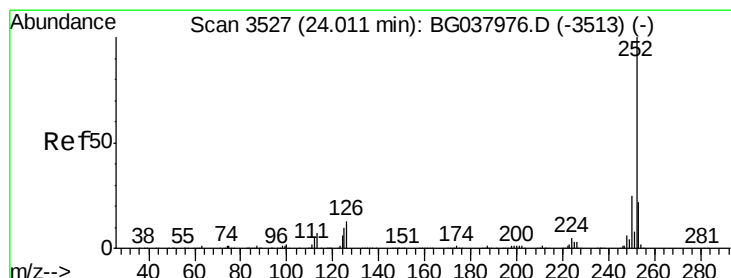
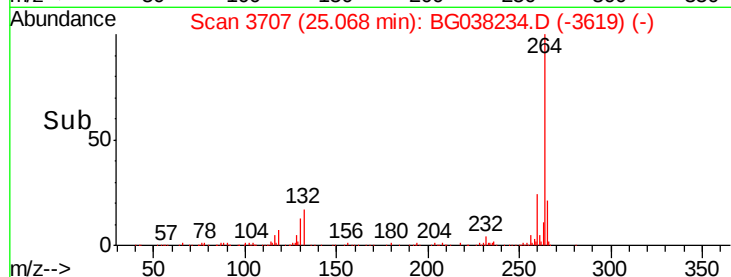
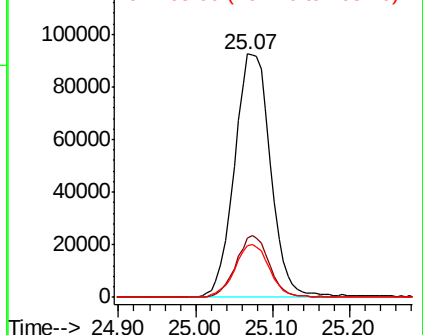


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.781 ng

RT: 24.02 min Scan# 3528

Delta R.T. 0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

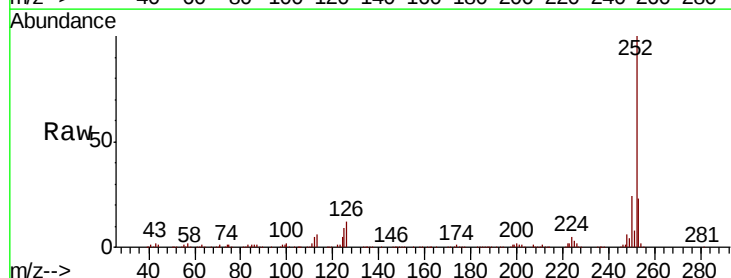
Tgt Ion:252 Resp: 698588

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

125 8.9 7.8 11.6

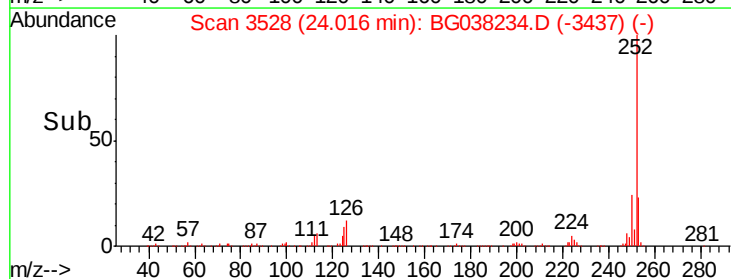
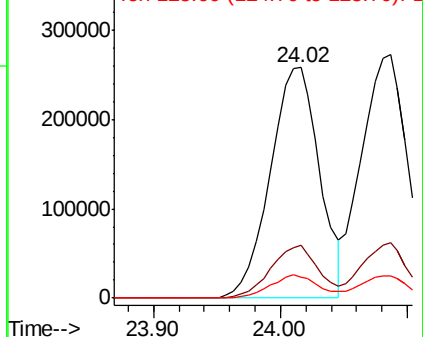


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.684 ng

RT: 24.09 min Scan# 3540

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA_G

ClientSampleId :

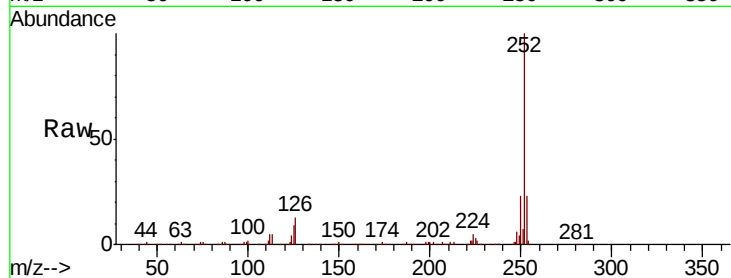
Tot Ion:252 Resp: 687724

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

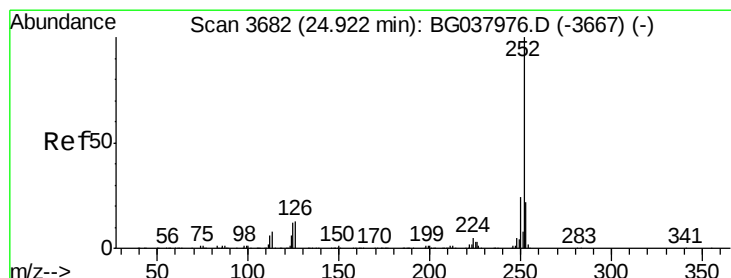
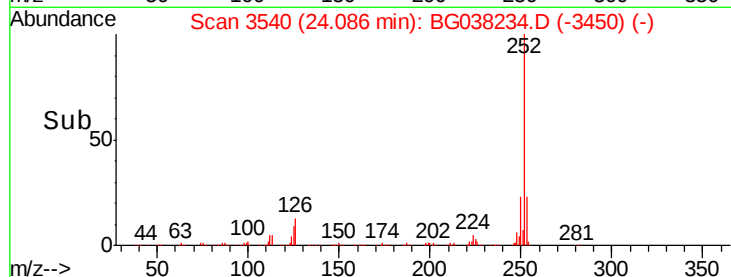
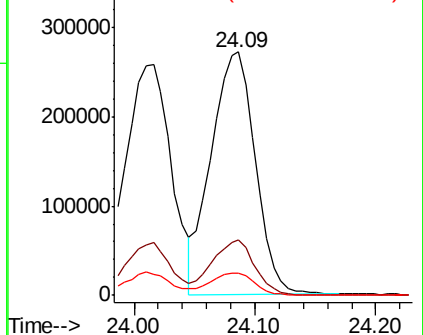
125 9.3 7.4 11.0



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: 42.547 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

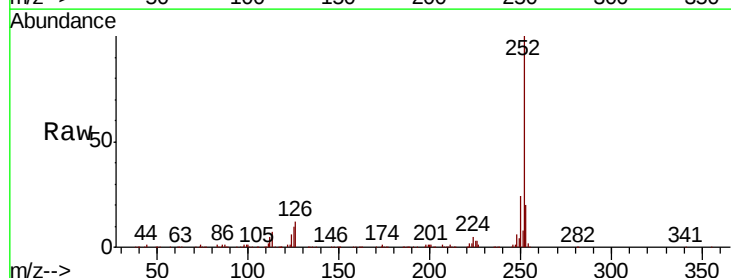
Tgt Ion:252 Resp: 679866

Ion Ratio Lower Upper

252 100

253 20.5 17.4 26.2

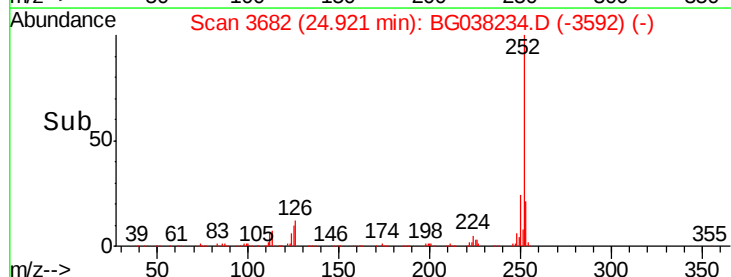
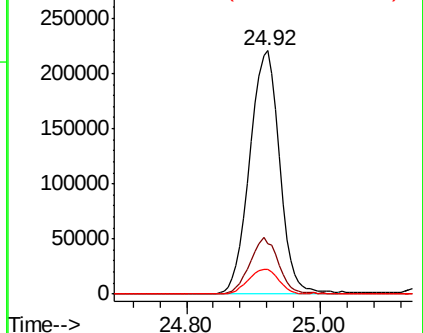
125 10.3 9.0 13.6

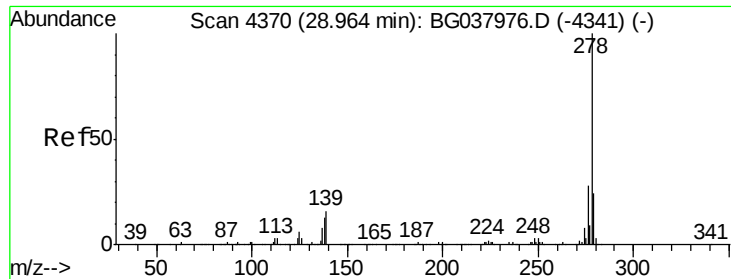


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 36.141 ng

RT: 28.96 min Scan# 4369

Delta R.T. -0.01 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA_G

ClientSampled :

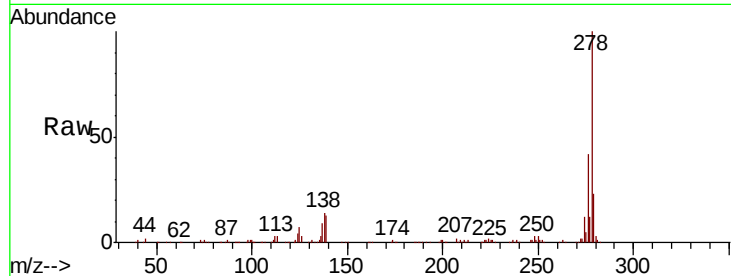
Tot Ion:278 Resp: 555661

Ion Ratio Lower Upper

278 100

139 13.3 11.5 17.3

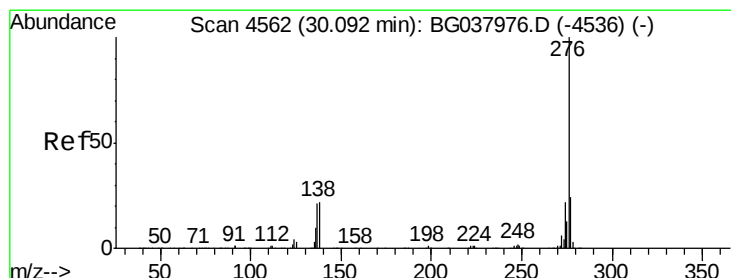
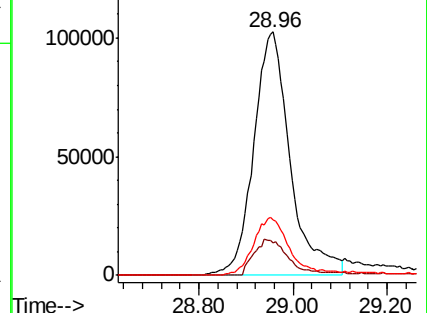
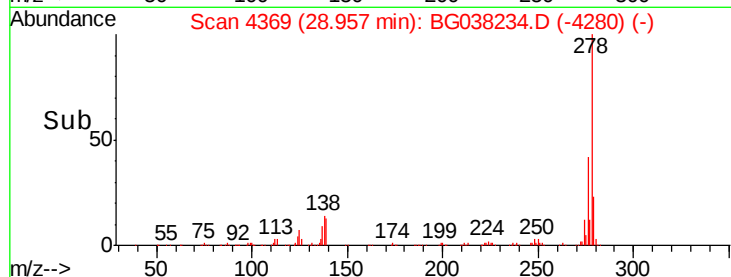
279 22.8 18.6 27.8



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: 37.113 ng

RT: 30.09 min Scan# 4561

Delta R.T. -0.01 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

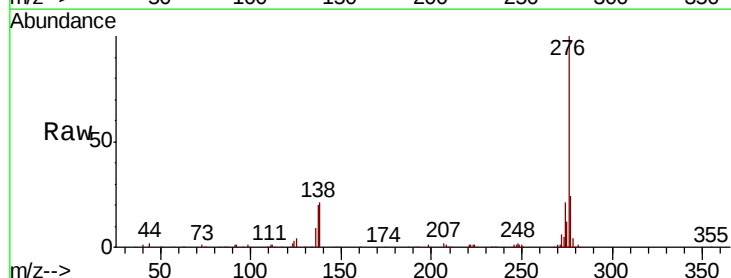
Tgt Ion:276 Resp: 567360

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 20.7 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

