

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112018\
 Data File : BG038091.D
 Acq On : 20 Nov 2018 18:48
 Operator : JU/SJ
 Sample : PB114970BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114970BS

Quant Time: Nov 21 03:43:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	40762	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	169501	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	104881	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	245134	20.00	ng	0.00
76) Chrysene-d12	21.75	240	230829	20.00	ng	0.00
87) Perylene-d12	25.07	264	247621	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	346812	146.90	ng	0.00
7) Phenol-d6	7.24	99	459073	136.22	ng	0.00
23) Nitrobenzene-d5	9.26	82	214957	67.89	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	157241	131.46	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	467633	64.96	ng	0.00
79) Terphenyl-d14	20.07	244	738886	75.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	42134	37.784	ng	# 97
3) Pyridine	3.91	79	120719	37.950	ng	99
4) n-Nitrosodimethylamine	3.84	42	60489	52.414	ng	# 93
6) Aniline	7.41	93	143563	33.007	ng	94
8) 2-Chlorophenol	7.65	128	128507	46.911	ng	99
9) Benzaldehyde	7.23	77	73511	30.163	ng	99
10) Phenol	7.26	94	163881	45.911	ng	96
11) bis(2-Chloroethyl)ether	7.50	93	119490	41.003	ng	99
12) 1,3-Dichlorobenzene	7.97	146	130716	41.420	ng	95
13) 1,4-Dichlorobenzene	8.12	146	134743	42.267	ng	99
14) 1,2-Dichlorobenzene	8.44	146	127566	41.913	ng	99
15) Benzyl Alcohol	8.33	79	111092	45.557	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	239843	44.323	ng	99
17) 2-Methylphenol	8.52	107	113387	46.984	ng	99
18) Hexachloroethane	9.17	117	49357	42.542	ng	98
19) n-Nitroso-di-n-propylamine	8.89	70	96553	39.596	ng	98
20) 3+4-Methylphenols	8.85	107	151764	44.361	ng	96
22) Acetophenone	8.91	105	183187	43.437	ng	# 96
24) Nitrobenzene	9.31	77	148149	45.737	ng	96
25) Isophorone	9.82	82	267841	46.995	ng	99
26) 2-Nitrophenol	10.02	139	70786	43.774	ng	98
27) 2,4-Dimethylphenol	10.06	122	127431	52.303	ng	96
28) bis(2-Chloroethoxy)methane	10.30	93	167734	46.025	ng	98
29) 2,4-Dichlorophenol	10.55	162	127307	46.454	ng	96
30) 1,2,4-Trichlorobenzene	10.76	180	132048	42.999	ng	99
31) Naphthalene	10.96	128	387734	46.508	ng	99
32) Benzoic acid	10.19	122	65609	43.409	ng	94
33) 4-Chloroaniline	11.07	127	98023	25.277	ng	96
34) Hexachlorobutadiene	11.22	225	78832	41.709	ng	94
35) Caprolactam	11.85	113	32725	29.833	ng	# 91
36) 4-Chloro-3-methylphenol	12.18	107	136336	45.536	ng	98
37) 2-Methylnaphthalene	12.56	142	283839	47.398	ng	99
38) 1-Methylnaphthalene	12.77	142	268685	46.612	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	144945	41.358	ng	98

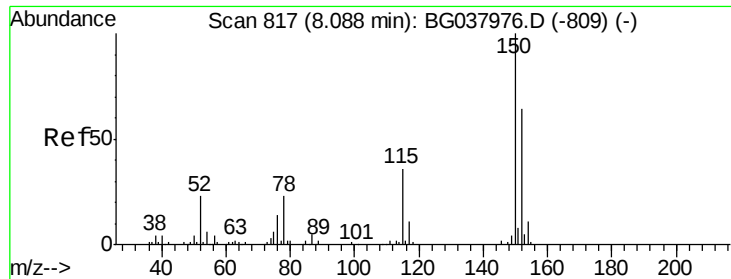
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112018\
 Data File : BG038091.D
 Acq On : 20 Nov 2018 18:48
 Operator : JU/SJ
 Sample : PB114970BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114970BS

Quant Time: Nov 21 03:43:27 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)
41) Hexachlorocyclopentadiene	12.88	237	185164	98.667	ng	99
43) 2,4,6-Trichlorophenol	13.16	196	104997	43.965	ng	99
44) 2,4,5-Trichlorophenol	13.23	196	112874	44.919	ng	95
46) 1,1'-Biphenyl	13.56	154	358980	40.741	ng	99
47) 2-Chloronaphthalene	13.60	162	285979	42.533	ng	99
48) 2-Nitroaniline	13.81	65	97453	46.052	ng	95
49) Acenaphthylene	14.45	152	474028	46.883	ng	99
50) Dimethylphthalate	14.17	163	360084	43.307	ng	99
51) 2,6-Dinitrotoluene	14.30	165	83763	44.511	ng	96
52) Acenaphthene	14.78	154	273189	44.881	ng	97
53) 3-Nitroaniline	14.64	138	68046	32.769	ng	# 94
54) 2,4-Dinitrophenol	14.84	184	81910	80.574	ng	# 90
55) Dibenzofuran	15.12	168	438277	43.544	ng	98
56) 4-Nitrophenol	14.93	139	144058	89.950	ng	99
57) 2,4-Dinitrotoluene	15.08	165	120192	46.942	ng	98
58) Fluorene	15.77	166	350280	46.643	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	99304	47.228	ng	97
60) Diethylphthalate	15.52	149	375910	42.565	ng	100
61) 4-Chlorophenyl-phenylether	15.75	204	183041	41.655	ng	99
62) 4-Nitroaniline	15.80	138	94459	45.791	ng	96
63) Azobenzene	16.05	77	349141	44.216	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	64325	41.487	ng	99
66) n-Nitrosodiphenylamine	15.97	169	318433	42.939	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	113117	42.042	ng	97
68) Hexachlorobenzene	16.76	284	115629	41.635	ng	98
69) Atrazine	16.91	200	120468	44.066	ng	97
70) Pentachlorophenol	17.11	266	134360	71.234	ng	96
71) Phenanthrene	17.51	178	583831	46.518	ng	100
72) Anthracene	17.60	178	597702	48.313	ng	99
73) Carbazole	17.87	167	551863	44.461	ng	99
74) Di-n-butylphthalate	18.41	149	660787	47.425	ng	99
75) Fluoranthene	19.52	202	701219	48.970	ng	100
77) Benzidine	19.70	184	323449	39.934	ng	99
78) Pyrene	19.88	202	710721	47.093	ng	98
80) Butylbenzylphthalate	20.75	149	310359	47.025	ng	98
81) Benzo(a)anthracene	21.73	228	672966	48.244	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	176648	32.510	ng	98
83) Chrysene	21.80	228	617001	46.230	ng	100
84) Bis(2-ethylhexyl)phthalate	21.60	149	431889	45.887	ng	100
85) Di-n-octyl phthalate	22.84	149	750272	49.273	ng	99
86) Indeno(1,2,3-cd)pyrene	28.89	276	738751	49.838	ng	# 96
88) Benzo(b)fluoranthene	24.01	252	648740	47.608	ng	99
89) Benzo(k)fluoranthene	24.08	252	651945	48.486	ng	99
90) Benzo(a)pyrene	24.92	252	647007	49.683	ng	99
91) Dibenzo(a,h)anthracene	28.96	278	593227	47.344	ng	97
92) Benzo(g,h,i)perylene	30.09	276	600221	48.176	ng	100

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

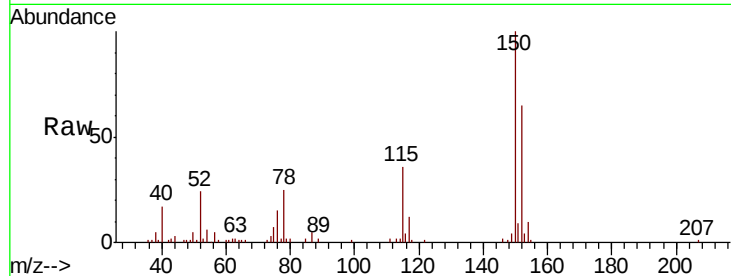


#1

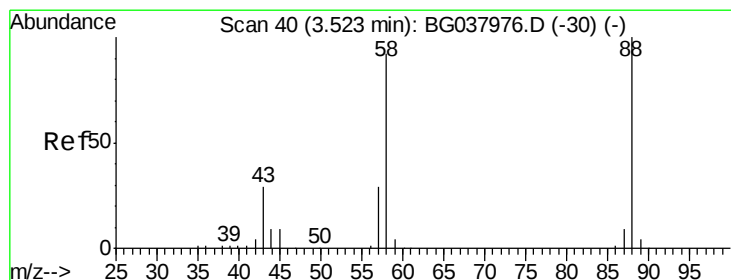
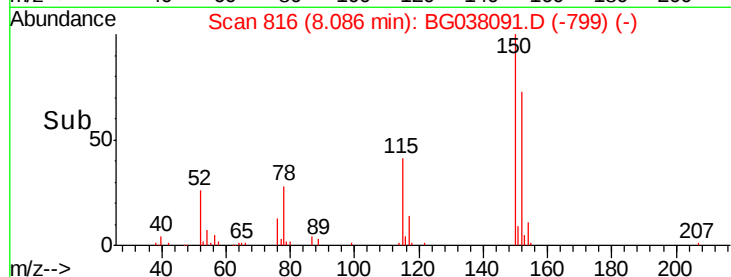
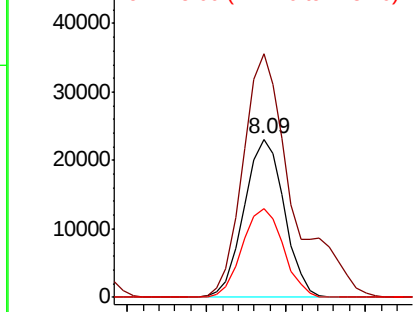
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tgt Ion:152 Resp: 40762
Ion Ratio Lower Upper
152 100
150 153.8 126.0 189.0
115 56.1 45.5 68.3



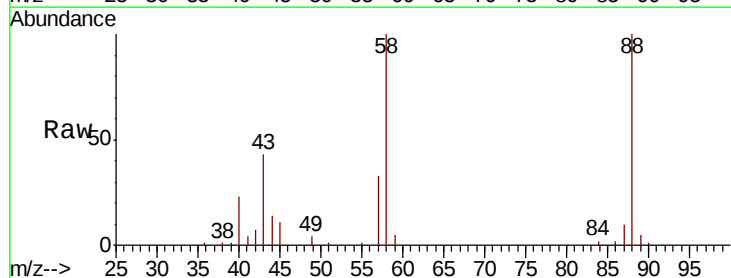
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



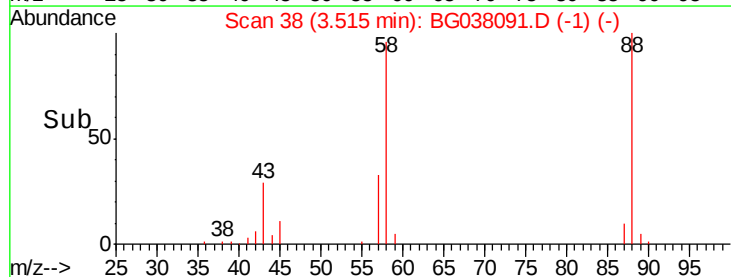
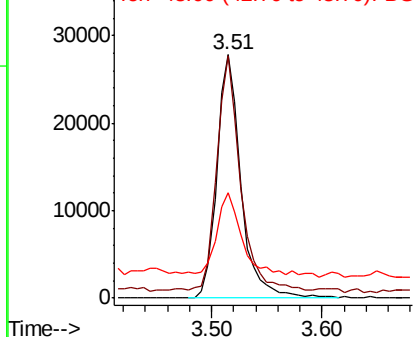
#2

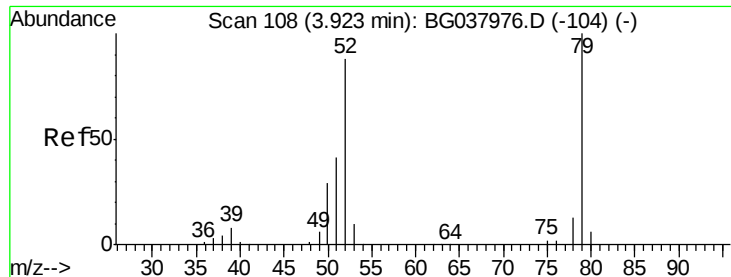
1,4-Dioxane
Concen: 37.784 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion: 88 Resp: 42134
Ion Ratio Lower Upper
88 100
58 92.9 74.4 111.6
43 39.2 25.8 38.8#



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





#3

Pyridine

Concen: 37.950 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB114970BS

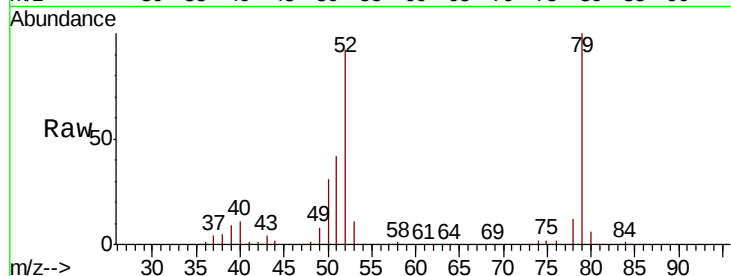
Tgt Ion: 79 Resp: 120719

Ion Ratio Lower Upper

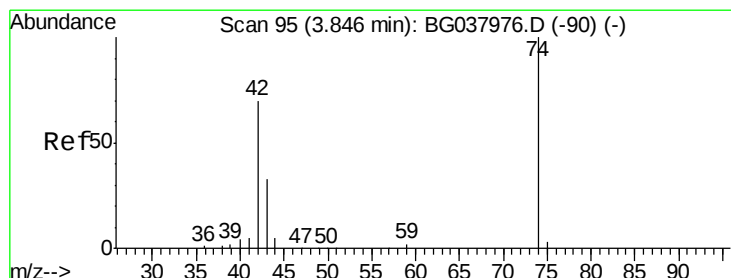
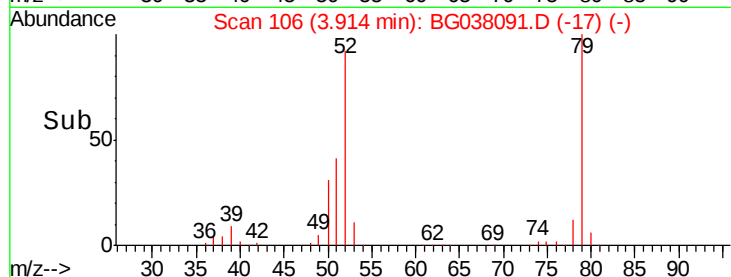
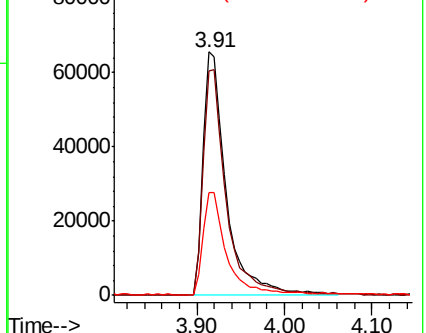
79 100

52 92.1 74.2 111.2

51 42.2 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 52.414 ng

RT: 3.84 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

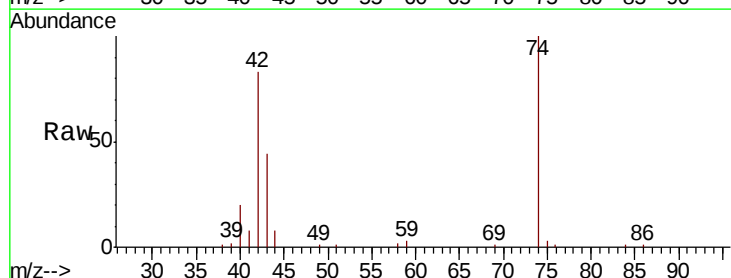
Tgt Ion: 42 Resp: 60489

Ion Ratio Lower Upper

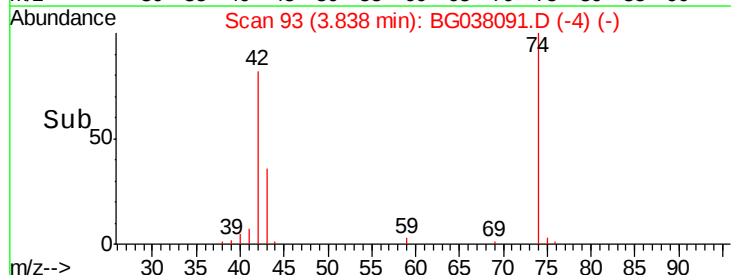
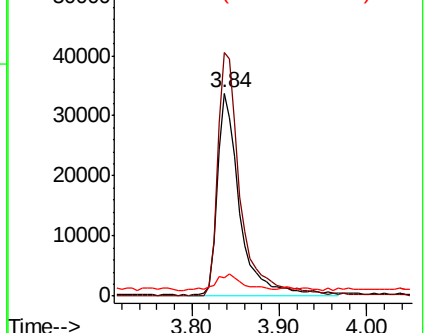
42 100

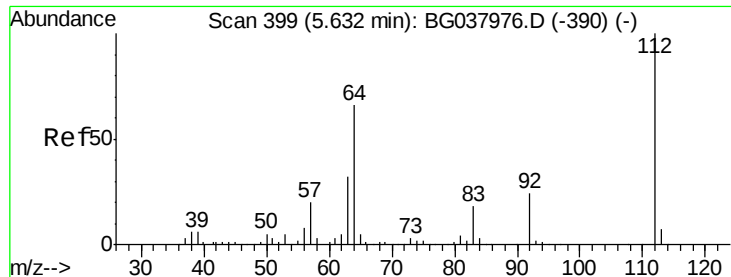
74 120.1 102.0 153.0

44 9.2 9.6 14.4#



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





#5

2-Fluorophenol

Concen: 146.900 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB114970BS

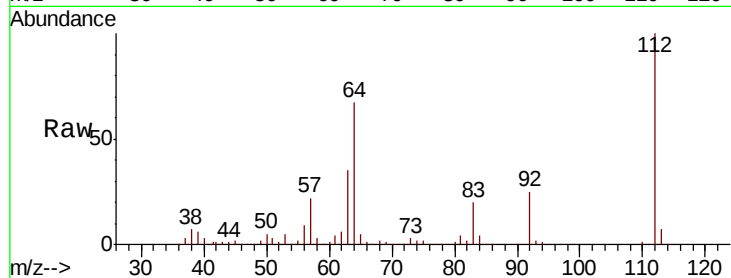
Tgt Ion: 112 Resp: 346812

Ion Ratio Lower Upper

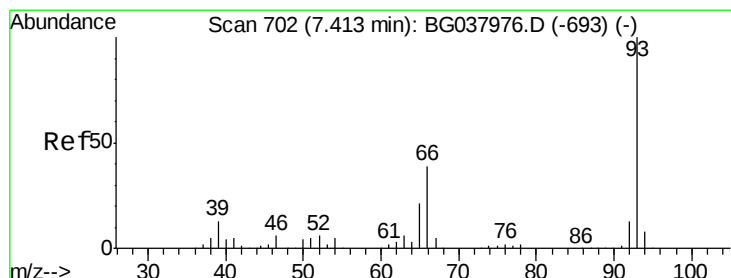
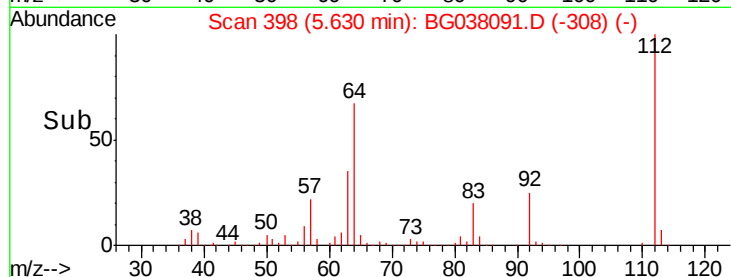
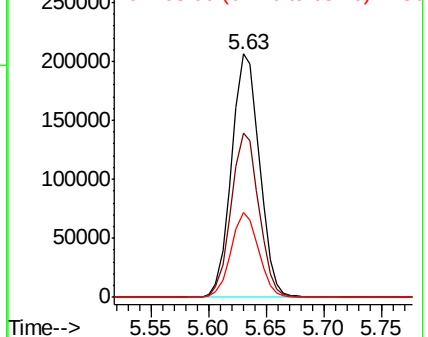
112 100

64 67.5 53.1 79.7

63 35.0 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: 33.007 ng

RT: 7.41 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

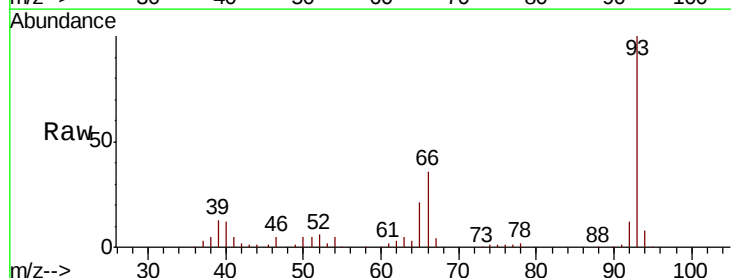
Tgt Ion: 93 Resp: 143563

Ion Ratio Lower Upper

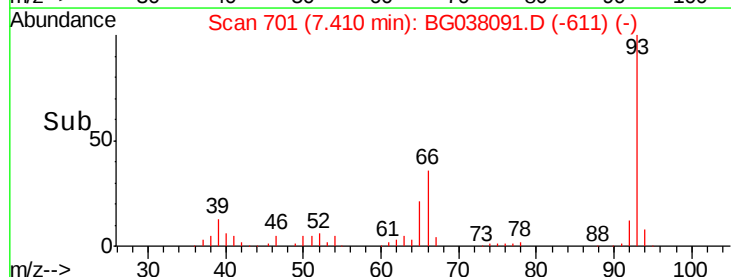
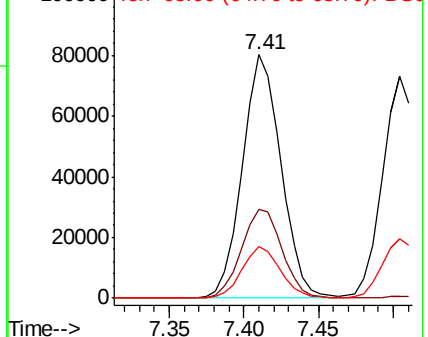
93 100

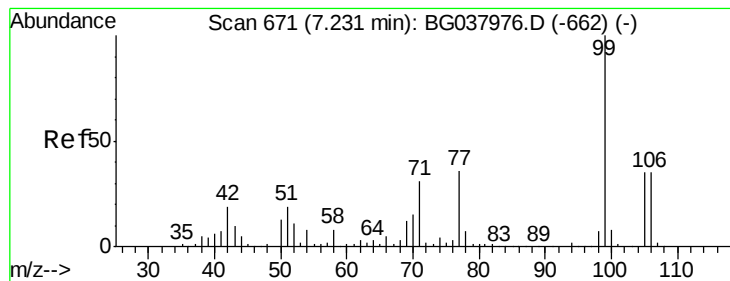
66 36.2 32.8 49.2

65 21.3 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: 136.223 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB114970BS

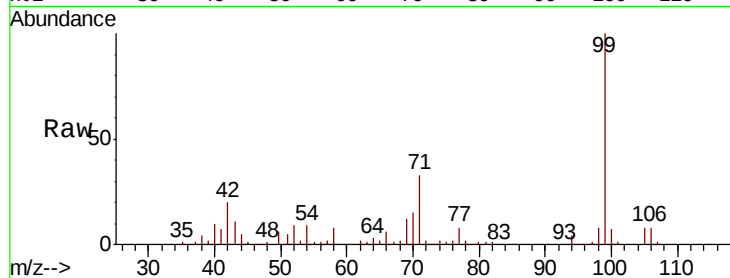
Tgt Ion: 99 Resp: 459073

Ion Ratio Lower Upper

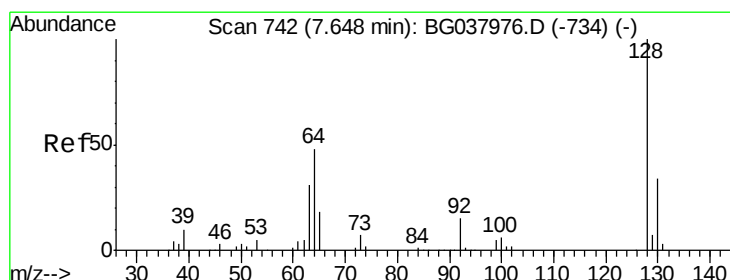
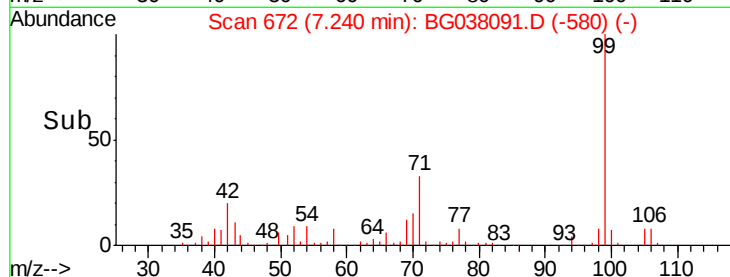
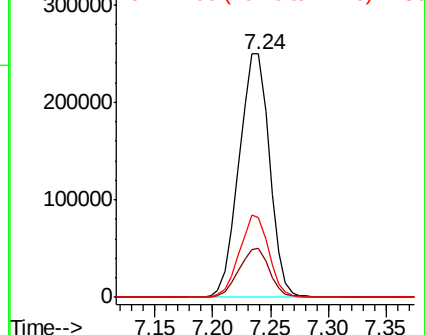
99 100

42 20.1 15.0 22.4

71 32.8 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: 46.911 ng

RT: 7.65 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

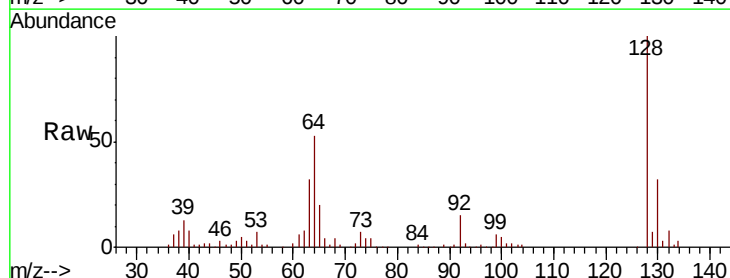
Tgt Ion: 128 Resp: 128507

Ion Ratio Lower Upper

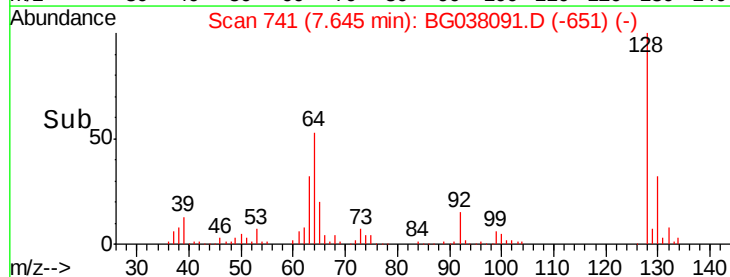
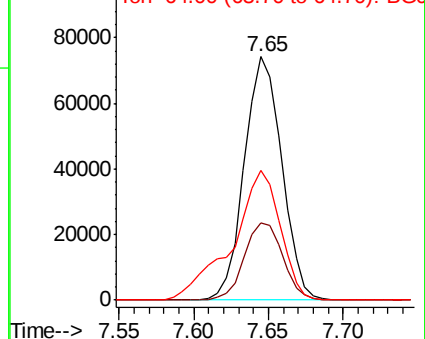
128 100

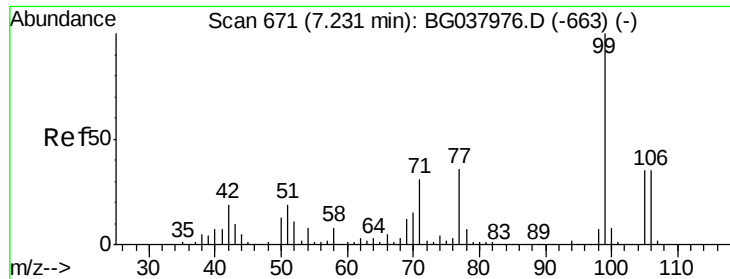
130 31.6 12.0 52.0

64 53.4 32.9 72.9



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





#9

Benzaldehyde

Concen: 30.163 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB114970BS

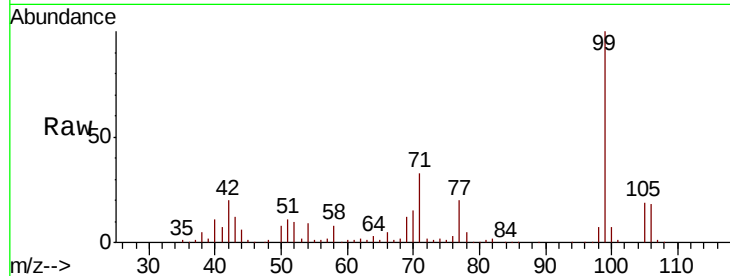
Tgt Ion: 77 Resp: 73511

Ion Ratio Lower Upper

77 100

105 93.2 72.6 112.6

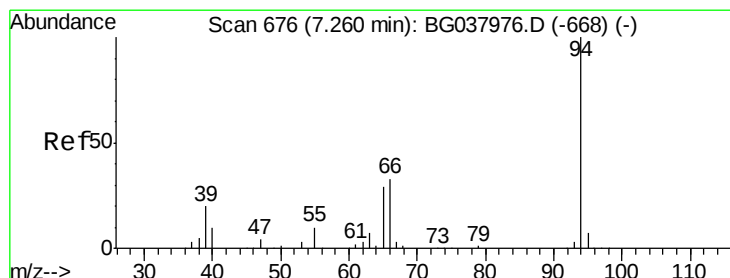
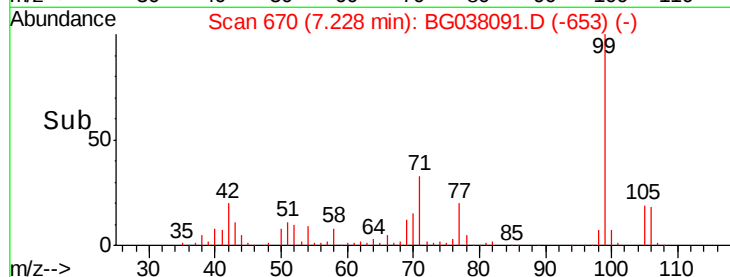
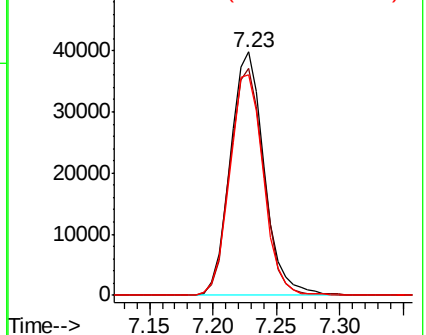
106 90.4 71.3 111.3



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: 45.911 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

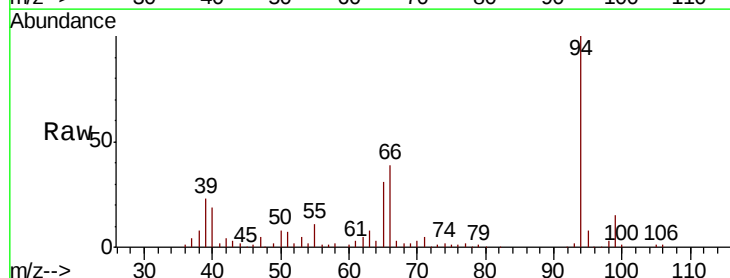
Tgt Ion: 94 Resp: 163881

Ion Ratio Lower Upper

94 100

65 31.1 9.7 49.7

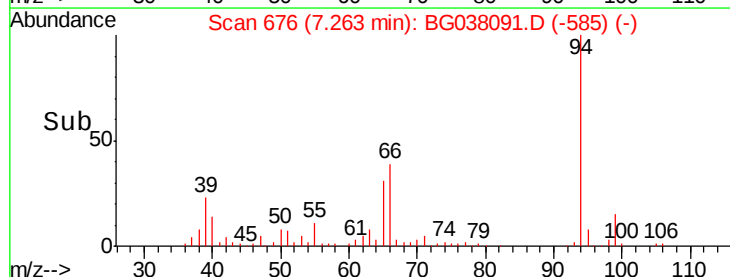
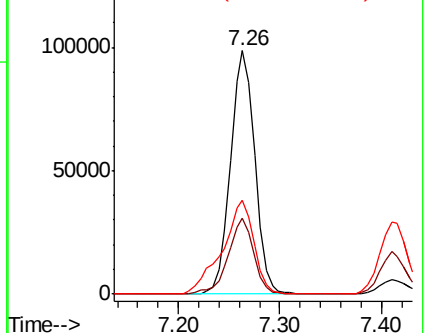
66 38.6 15.9 55.9

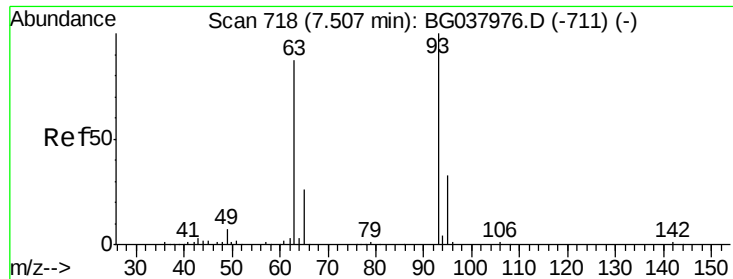


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

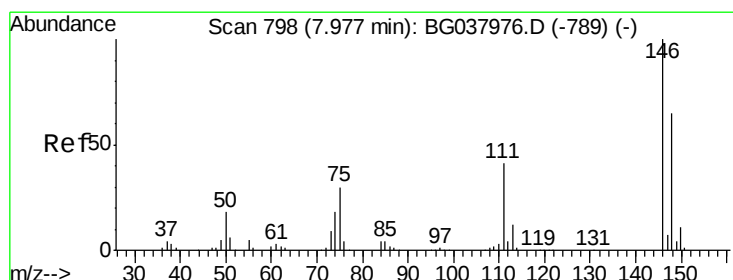
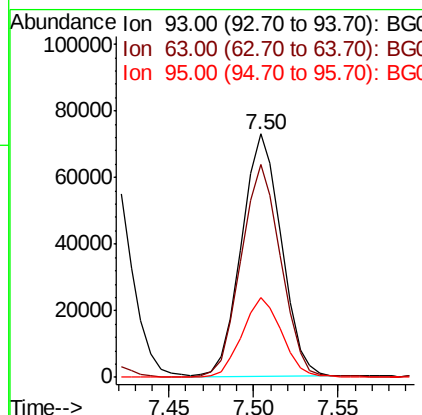
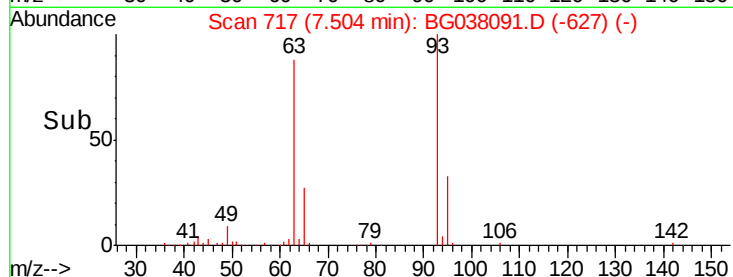
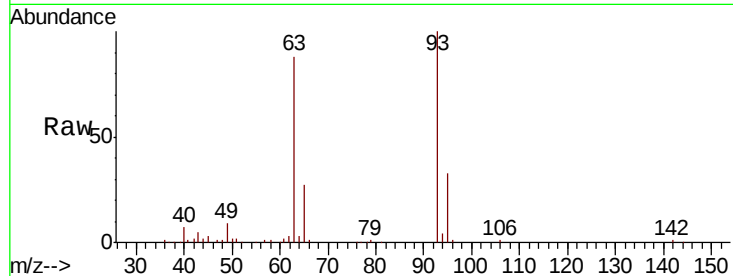




#11
 bis(2-Chloroethyl)ether
 Concen: 41.003 ng
 RT: 7.50 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

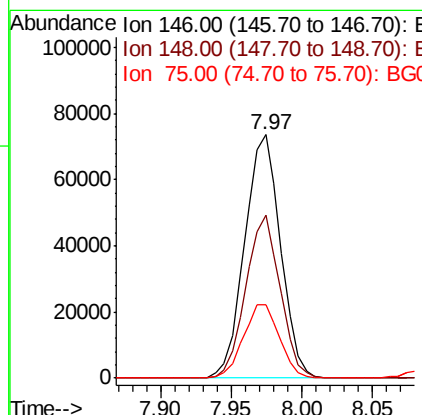
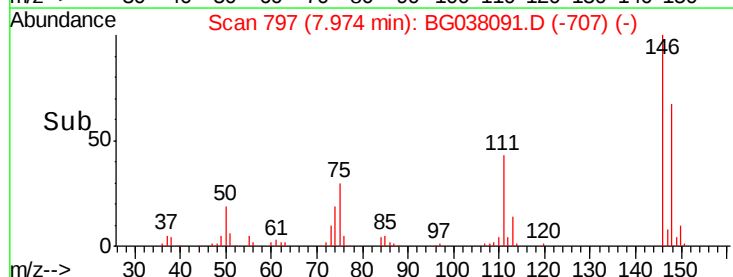
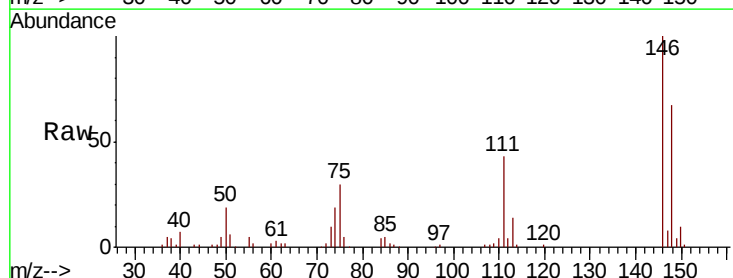
Instrument :
 BNA_G
 ClientSampleId :
 PB114970BS

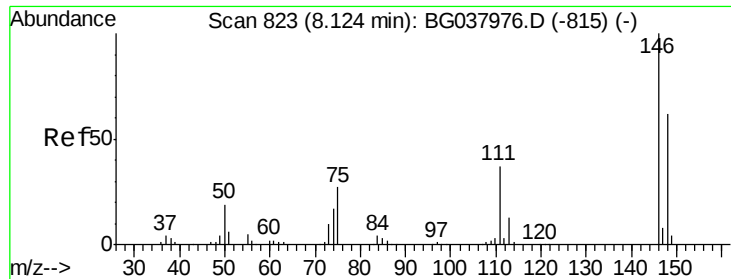
Tgt Ion: 93 Resp: 119490
 Ion Ratio Lower Upper
 93 100
 63 87.7 69.5 109.5
 95 32.8 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 41.420 ng
 RT: 7.97 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Tgt Ion: 146 Resp: 130716
 Ion Ratio Lower Upper
 146 100
 148 67.1 49.8 74.8
 75 30.3 23.2 34.8

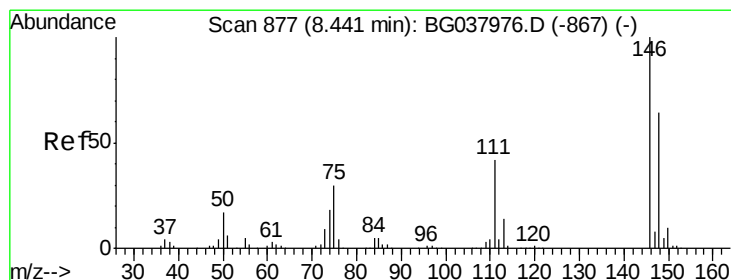
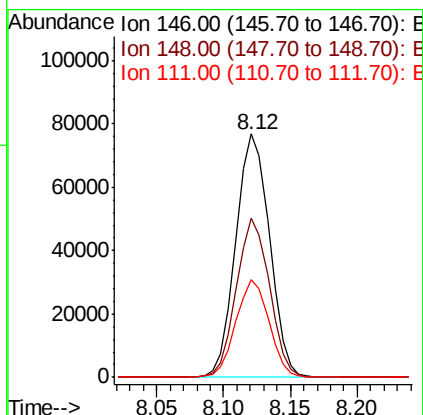
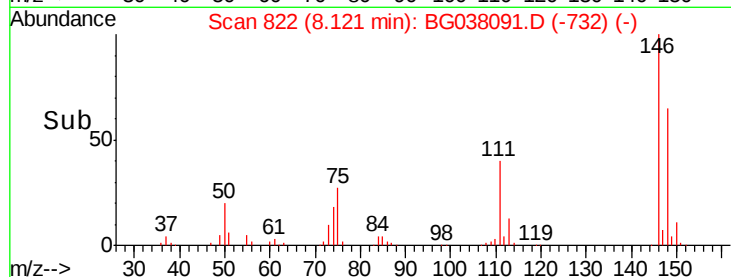
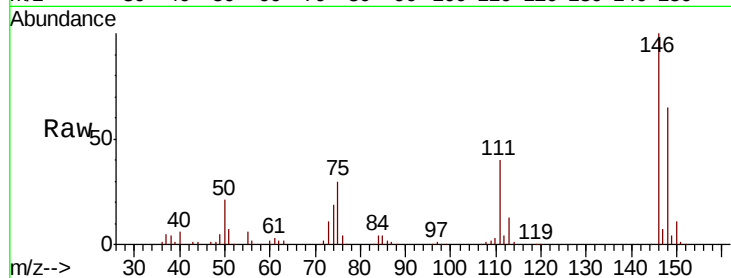




#13
 1,4-Dichlorobenzene
 Concen: 42.267 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

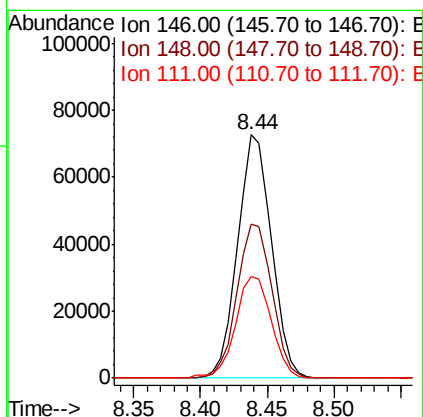
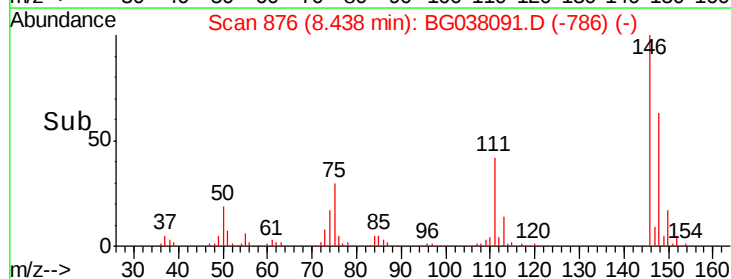
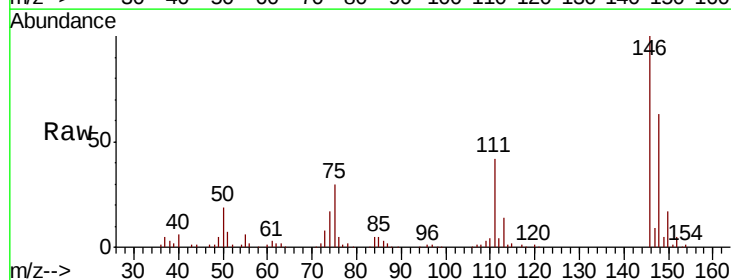
Instrument :
 BNA_G
 ClientSampleId :
 PB114970BS

Tgt Ion:146 Resp: 134743
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.0 76.6
 111 40.2 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 41.913 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Tgt Ion:146 Resp: 127566
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.4 75.6
 111 41.9 34.6 51.8





#15

Benzyl Alcohol

Concen: 45.557 ng

RT: 8.33 min Scan# 857

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB114970BS

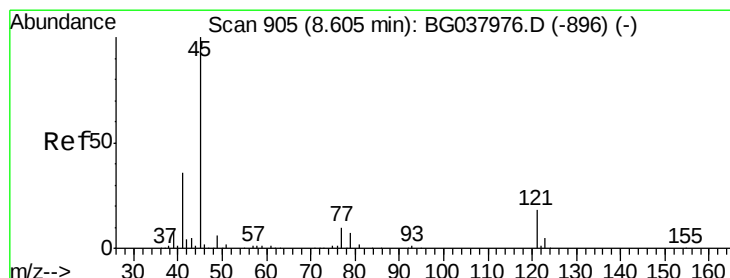
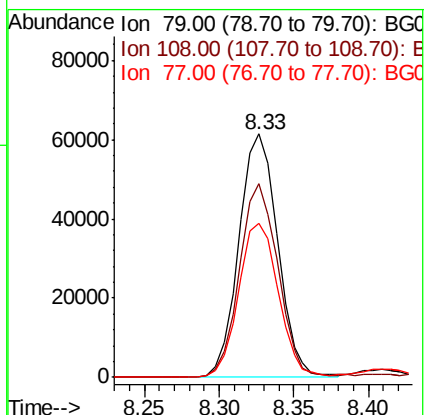
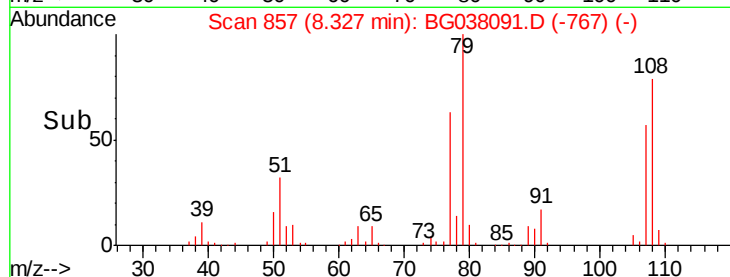
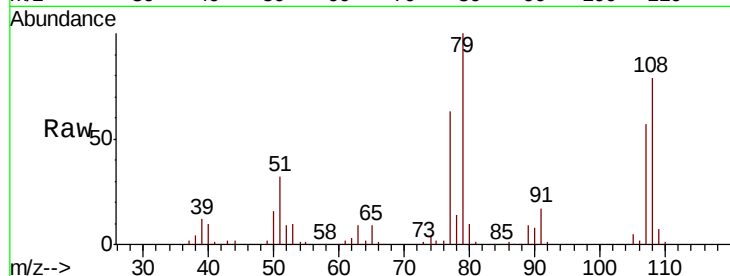
Tgt Ion: 79 Resp: 111092

Ion Ratio Lower Upper

79 100

108 79.4 65.8 98.8

77 63.5 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.323 ng

RT: 8.60 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

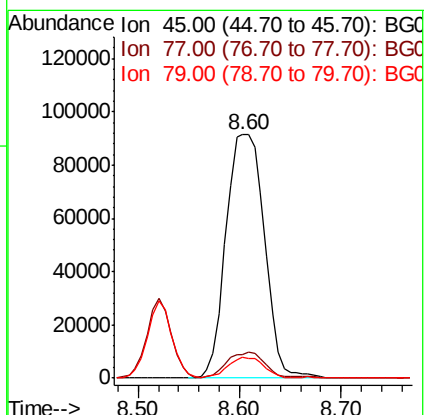
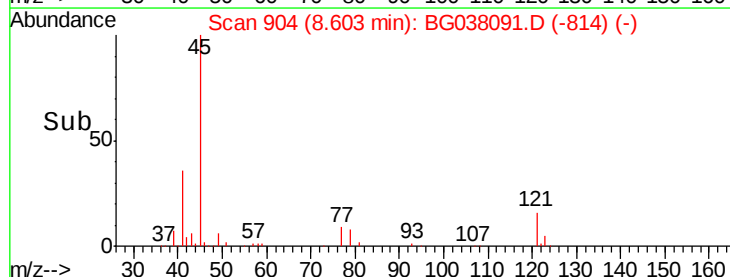
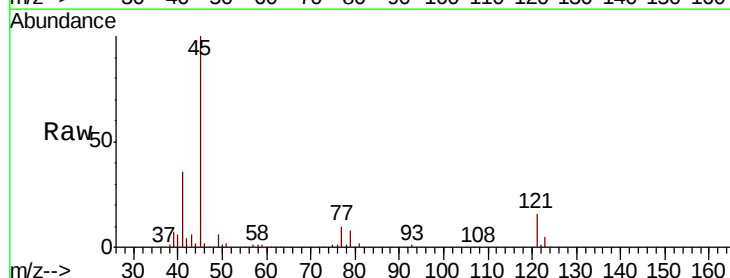
Tgt Ion: 45 Resp: 239843

Ion Ratio Lower Upper

45 100

77 9.8 0.0 30.0

79 8.5 0.0 29.0

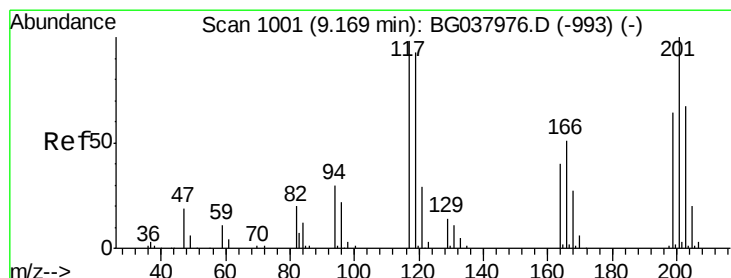
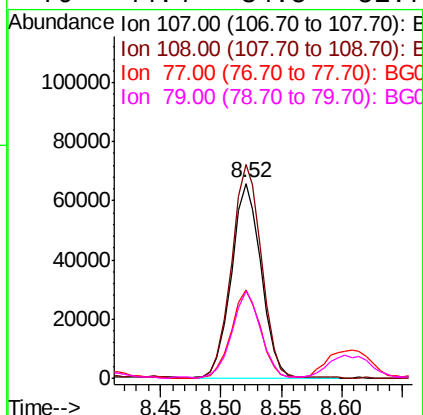
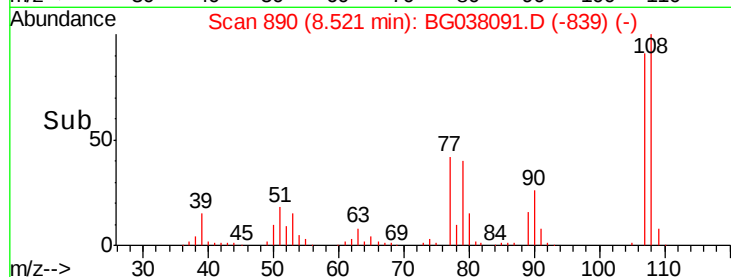
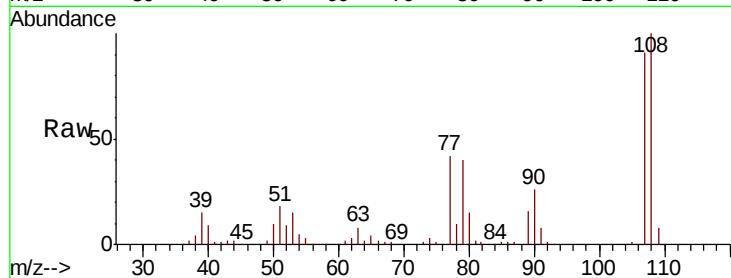




#17
2-Methylphenol
Concen: 46.984 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

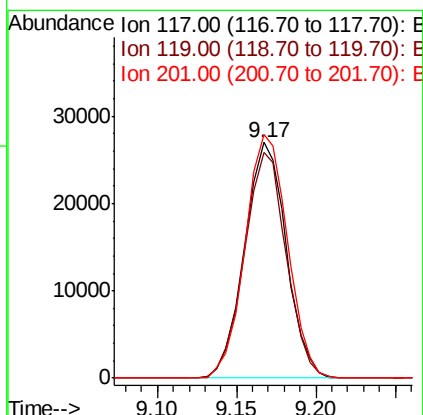
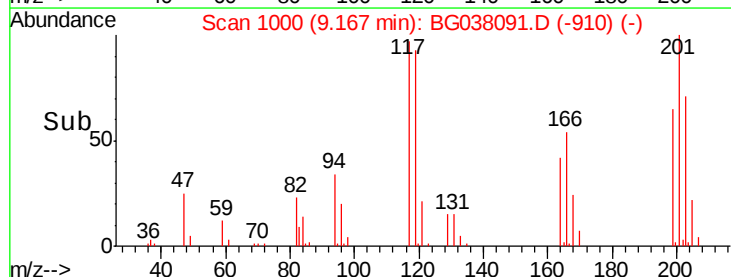
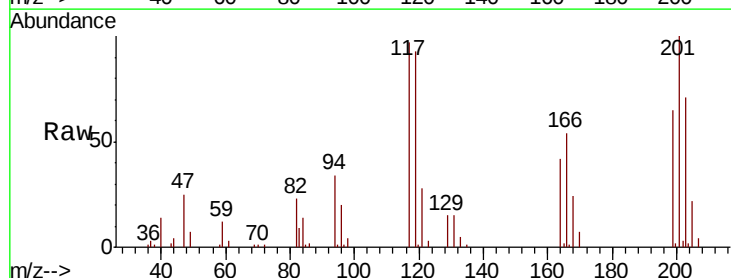
Instrument :
BNA_G
ClientSampleId :
PB114970BS

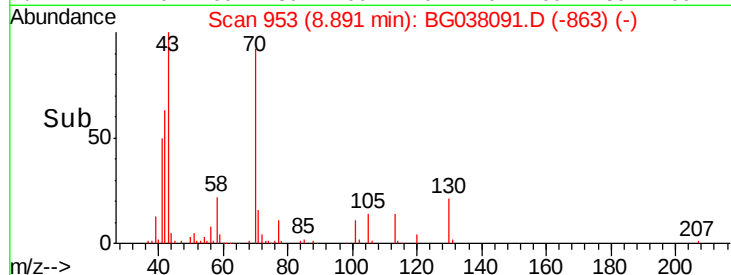
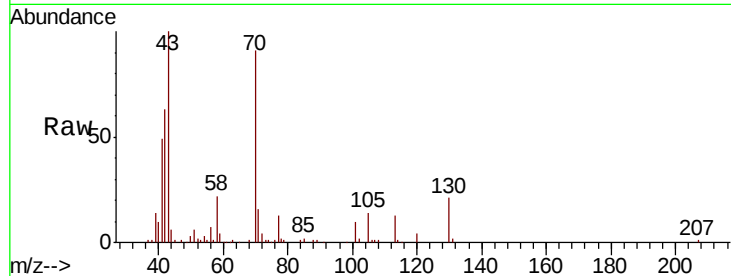
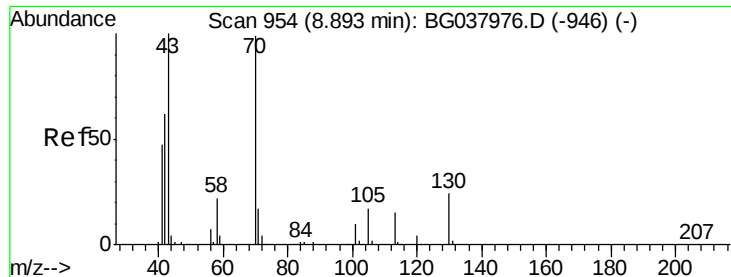
Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.7	87.9	131.9
77	45.6	35.1	52.7
79	44.4	34.5	51.7



#18
Hexachloroethane
Concen: 42.542 ng
RT: 9.17 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	74.6	111.8
201	103.3	80.8	121.2

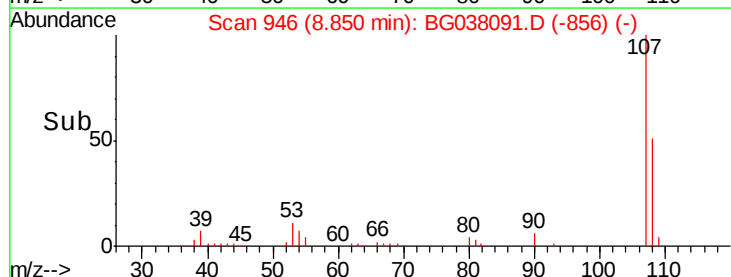
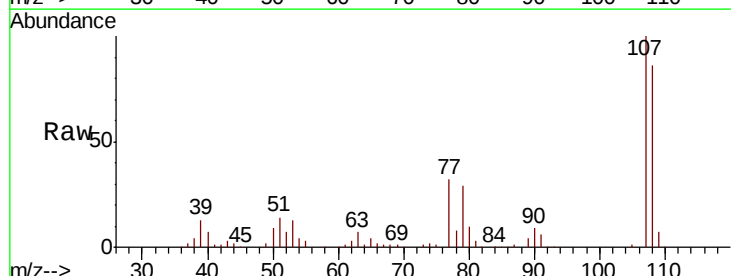
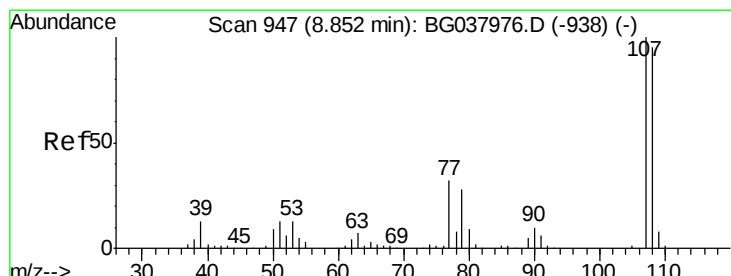
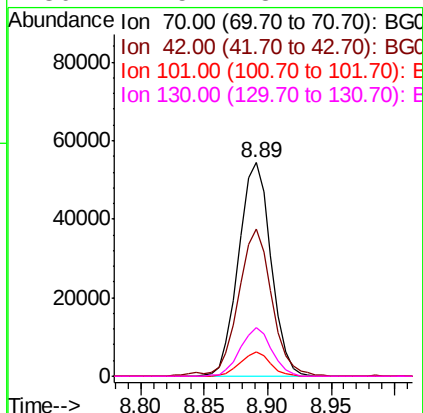




#19
n-Nitroso-di-n-propylamine
Concen: 39.596 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

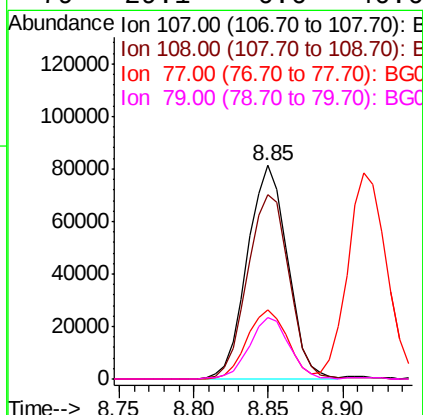
Instrument :
BNA_G
ClientSampleId :
PB114970BS

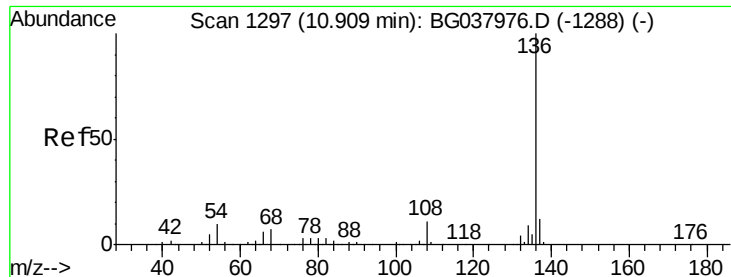
Tgt Ion:	70	Resp:	96553
Ion	Ratio	Lower	Upper
70	100		
42	68.6	53.9	80.9
101	11.5	8.2	12.2
130	22.5	18.2	27.4



#20
3+4-Methylphenols
Concen: 44.361 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion:	107	Resp:	151764
Ion	Ratio	Lower	Upper
107	100		
108	86.1	69.9	109.9
77	32.1	11.2	51.2
79	29.1	6.6	46.6

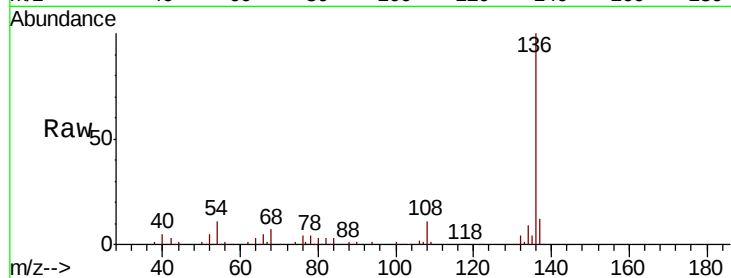




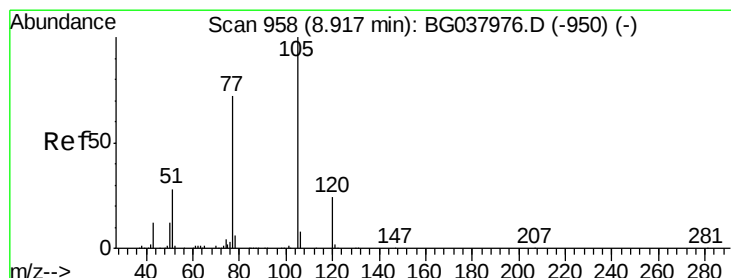
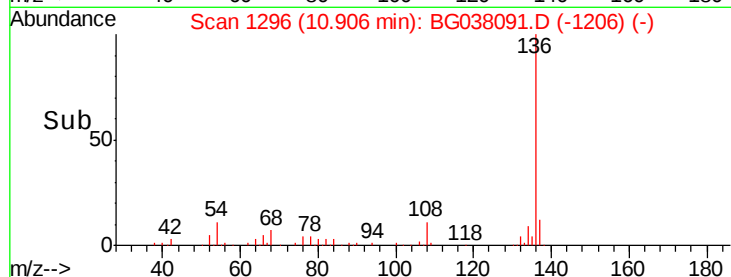
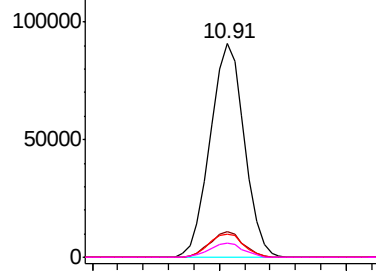
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tgt Ion:	136	Resp:	169501
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.8	7.9	11.9
68	6.9	4.8	7.2

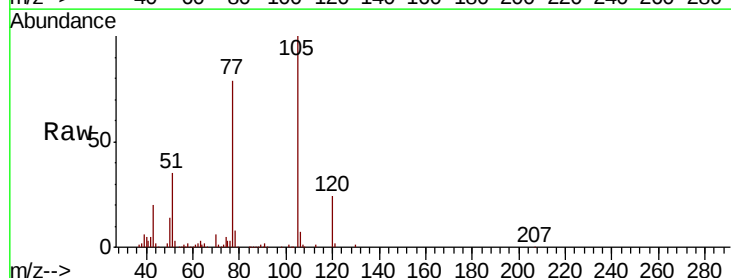


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

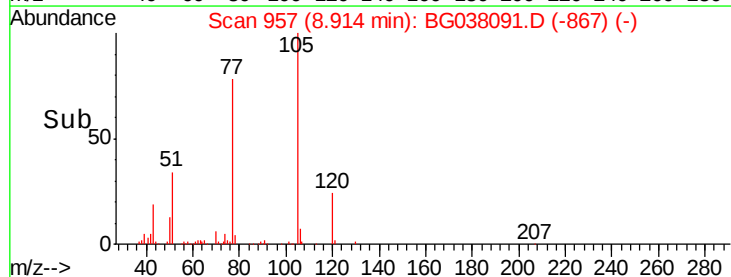
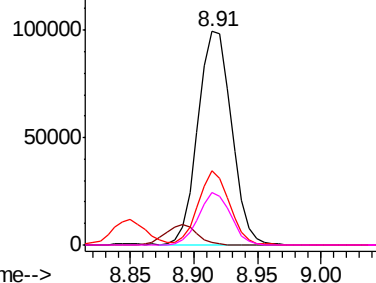


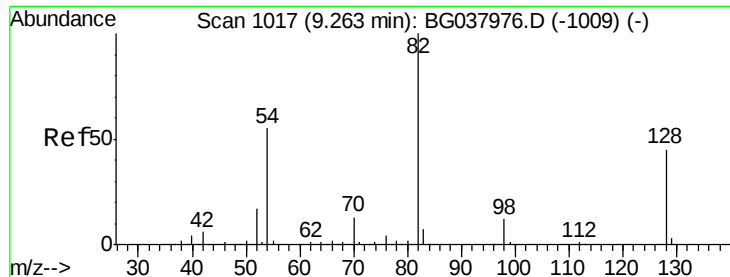
#22
Acetophenone
Concen: 43.437 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion:	105	Resp:	183187
Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.2	1.8#
51	34.6	25.0	37.6
120	24.4	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

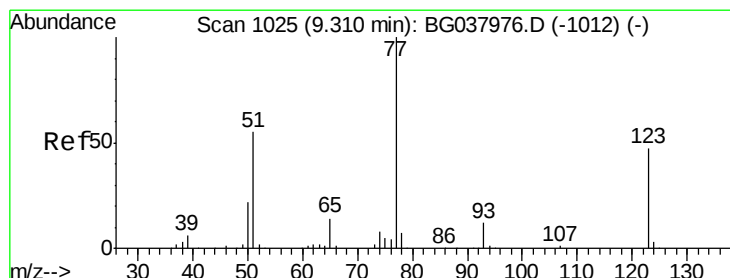
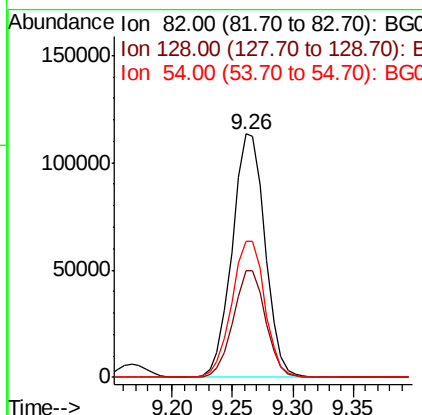
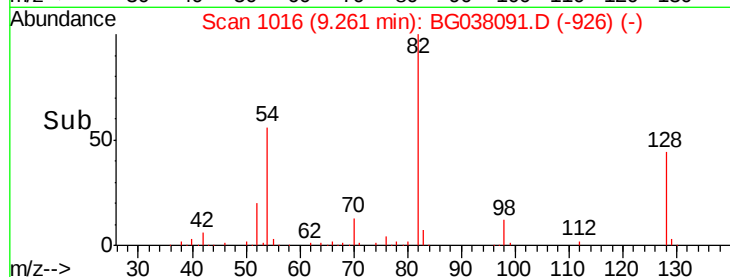
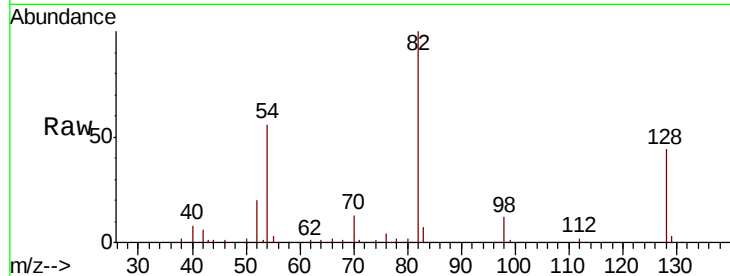




#23
Nitrobenzene-d5
Concen: 67.886 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

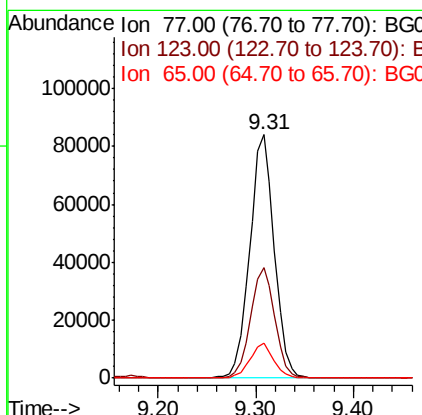
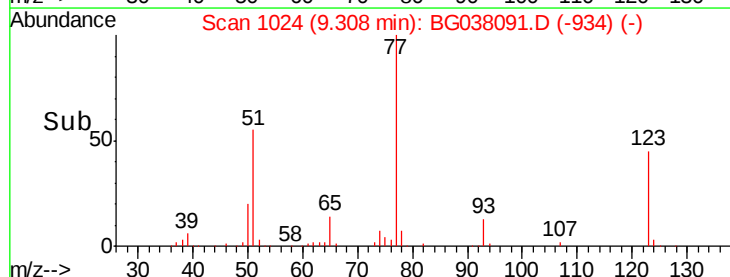
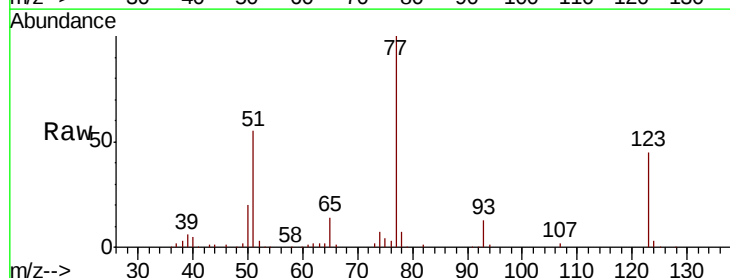
Instrument :
BNA_G
ClientSampleId :
PB114970BS

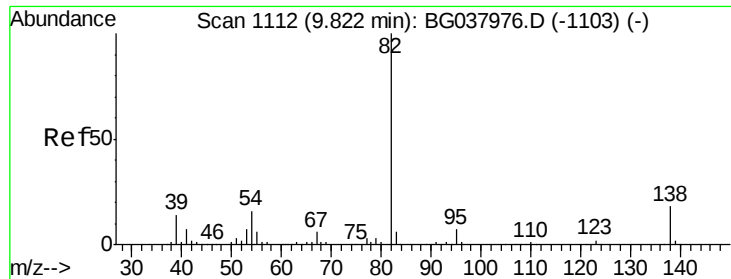
Tgt Ion: 82 Resp: 214957
Ion Ratio Lower Upper
82 100
128 44.0 34.6 51.8
54 55.9 45.3 67.9



#24
Nitrobenzene
Concen: 45.737 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion: 77 Resp: 148149
Ion Ratio Lower Upper
77 100
123 45.3 33.6 50.4
65 14.2 11.3 16.9





#25

Isophorone

Concen: 46.995 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB114970BS

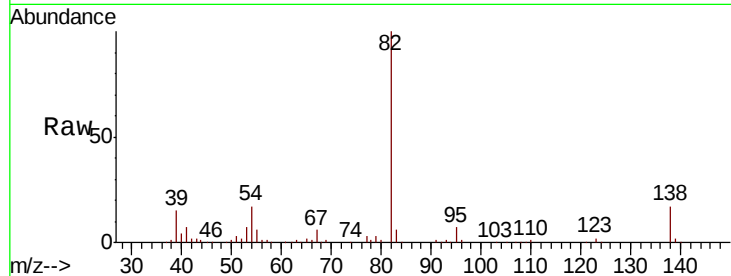
Tgt Ion: 82 Resp: 267841

Ion Ratio Lower Upper

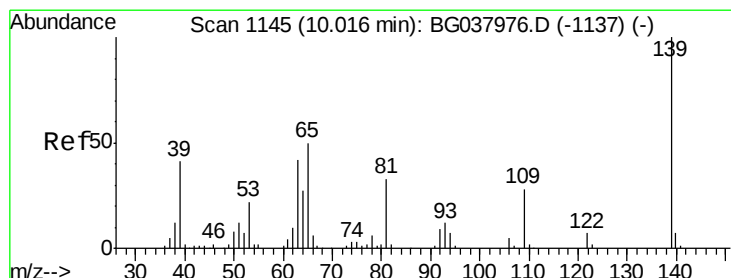
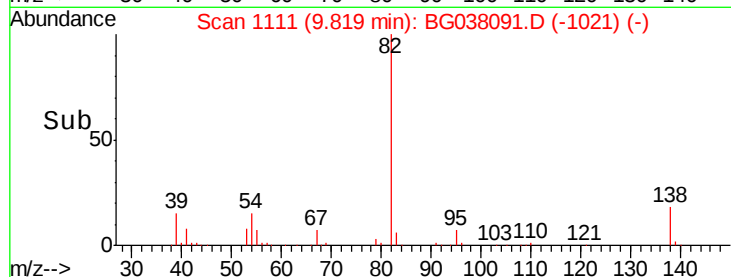
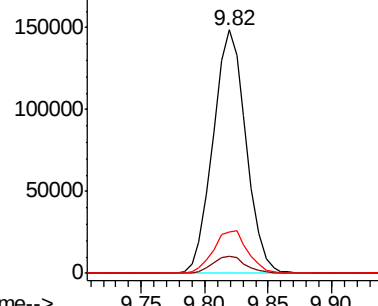
82 100

95 6.9 5.3 7.9

138 17.1 13.3 19.9



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



#26

2-Nitrophenol

Concen: 43.774 ng

RT: 10.02 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

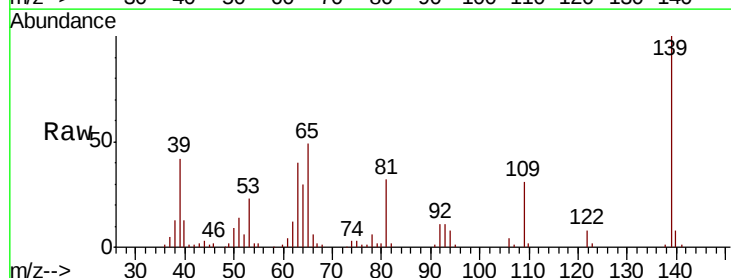
Tgt Ion: 139 Resp: 70786

Ion Ratio Lower Upper

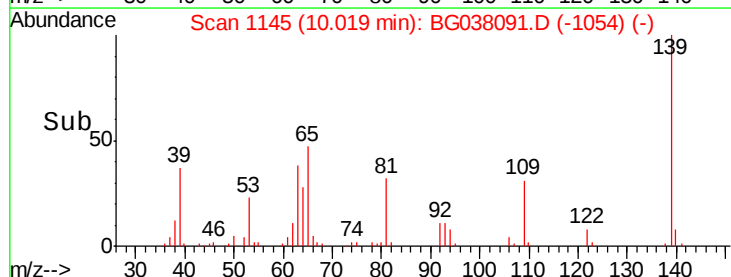
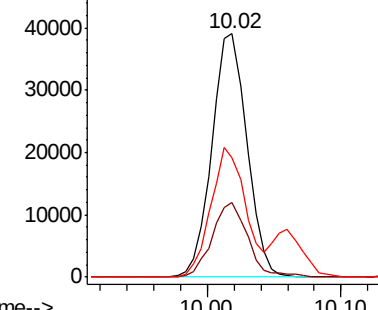
139 100

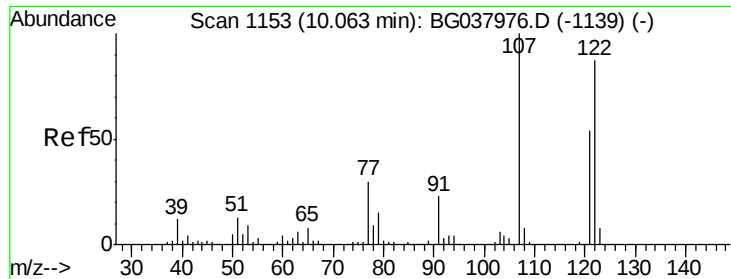
109 30.7 23.3 34.9

65 49.0 39.8 59.8



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

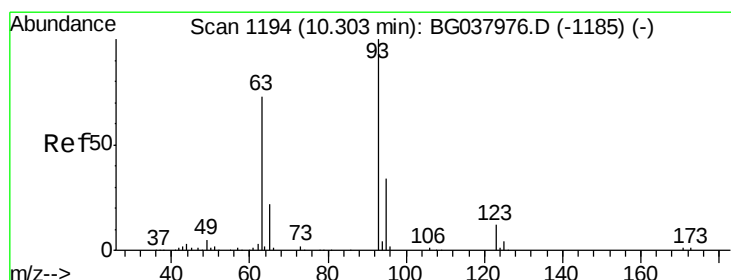
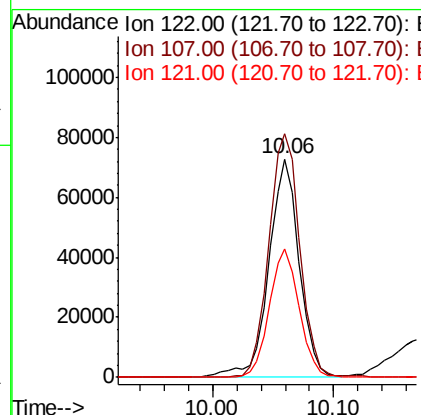
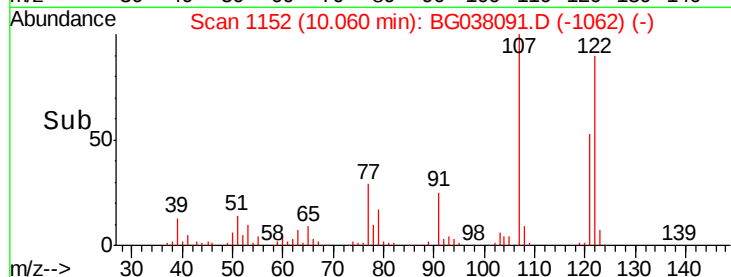
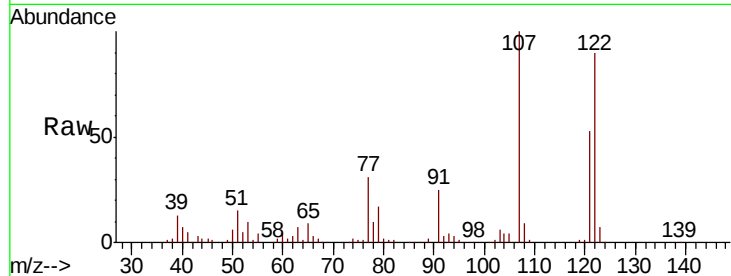




#27
 2,4-Dimethylphenol
 Concen: 52.303 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

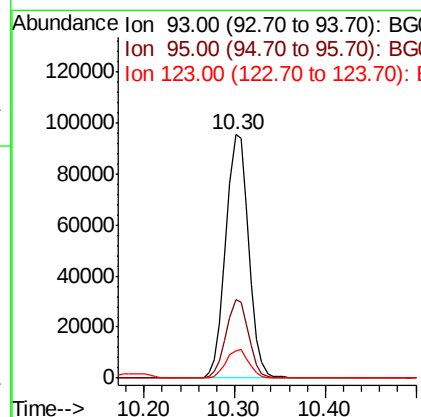
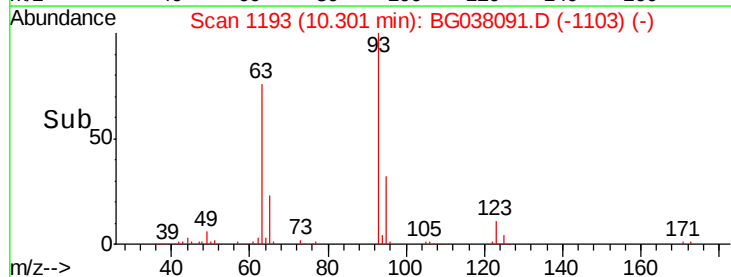
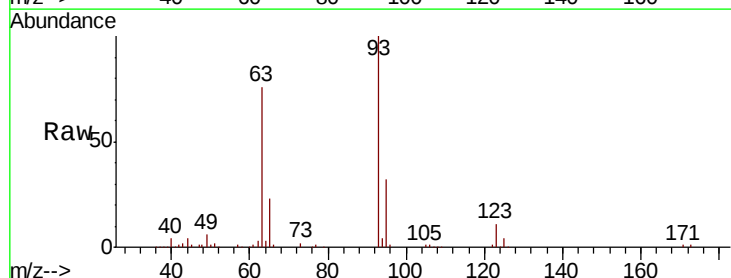
Instrument :
 BNA_G
 ClientSampleId :
 PB114970BS

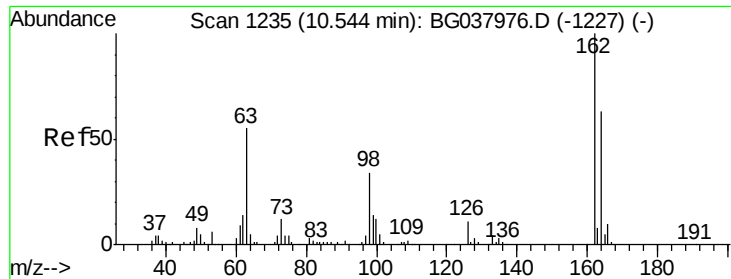
Tgt Ion:122 Resp: 127431
 Ion Ratio Lower Upper
 122 100
 107 111.5 94.2 141.2
 121 58.6 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.025 ng
 RT: 10.30 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Tgt Ion: 93 Resp: 167734
 Ion Ratio Lower Upper
 93 100
 95 32.1 24.6 37.0
 123 11.0 9.1 13.7

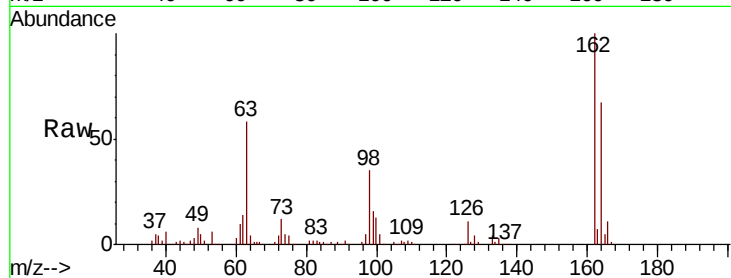




#29
 2,4-Dichlorophenol
 Concen: 46.454 ng
 RT: 10.55 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB114970BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.8	43.2	83.2
98	34.6	16.0	56.0

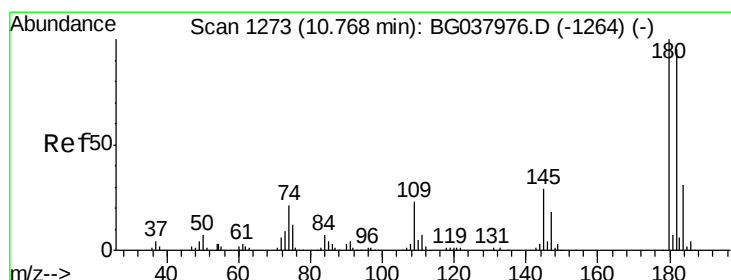
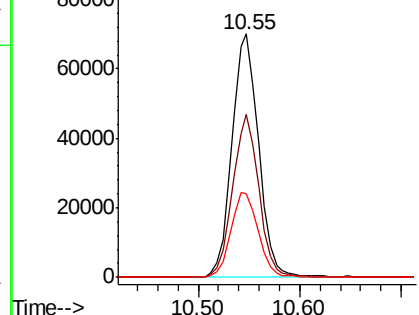
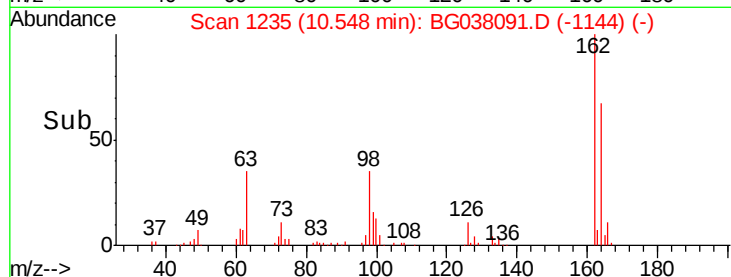


Abundance

Ion 162.00 (161.70 to 162.70): E

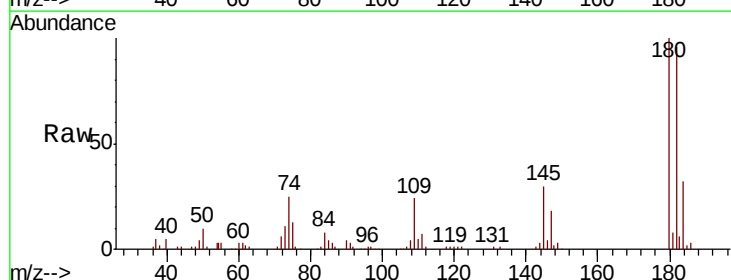
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 42.999 ng
 RT: 10.76 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.7	116.5
145	29.8	23.3	34.9

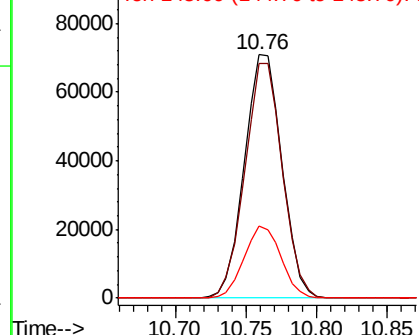
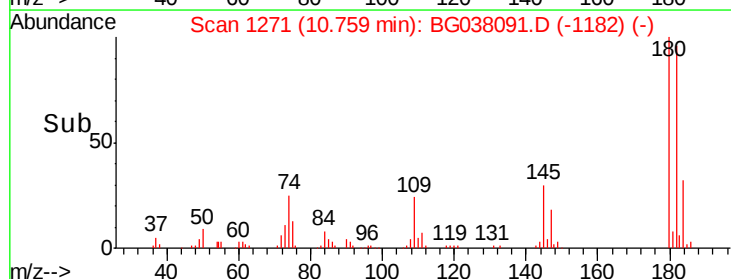


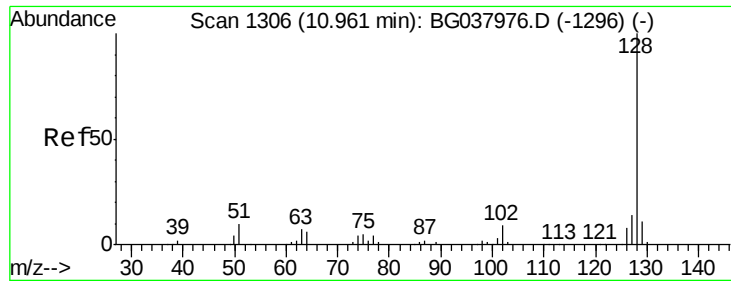
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

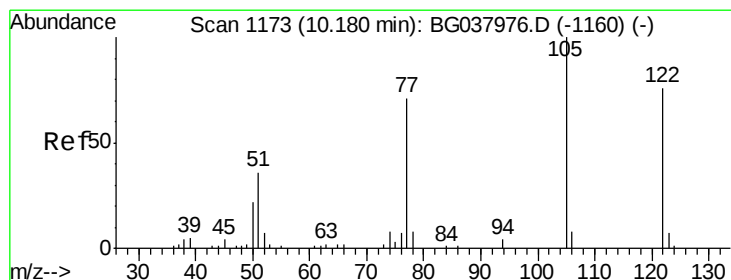
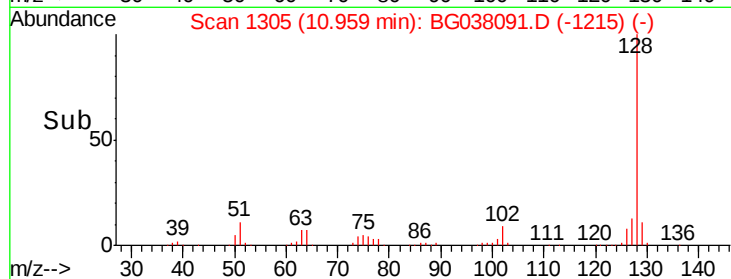
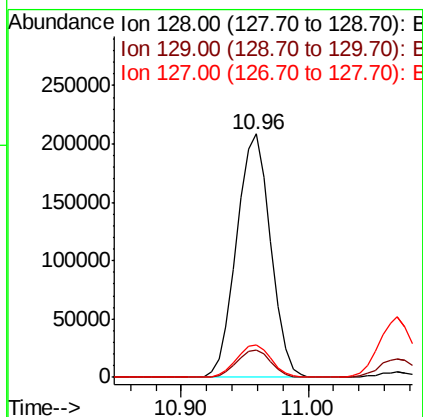
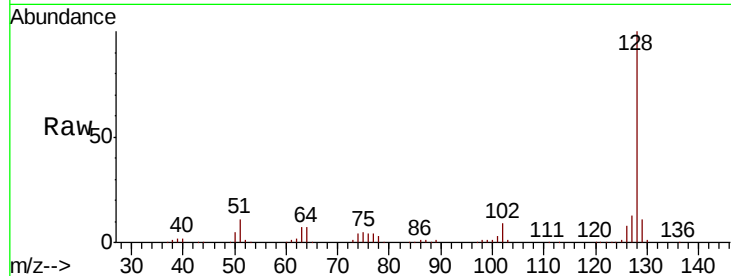




#31
Naphthalene
Concen: 46.508 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

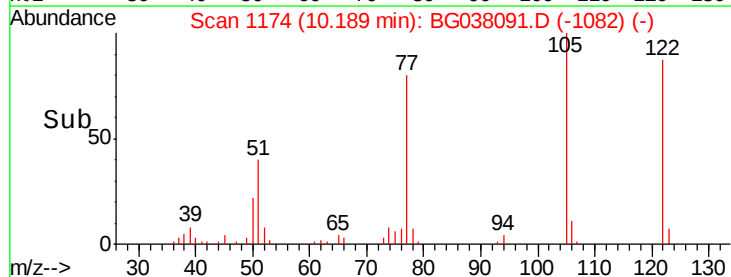
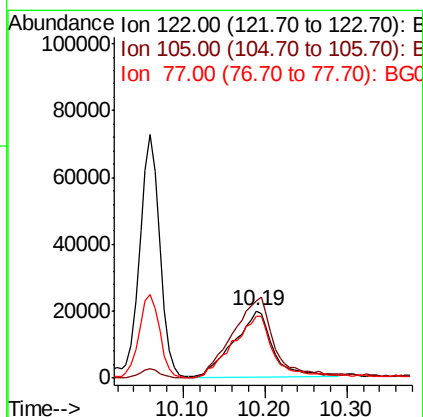
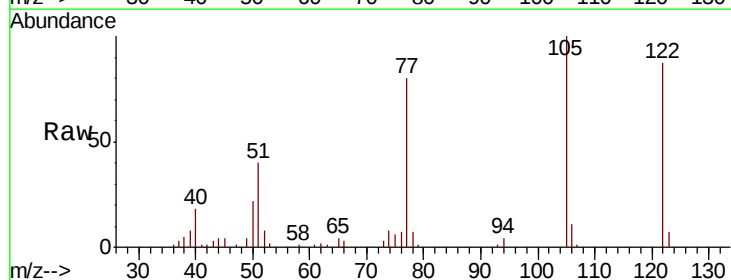
Instrument :
BNA_G
ClientSampled :
PB114970BS

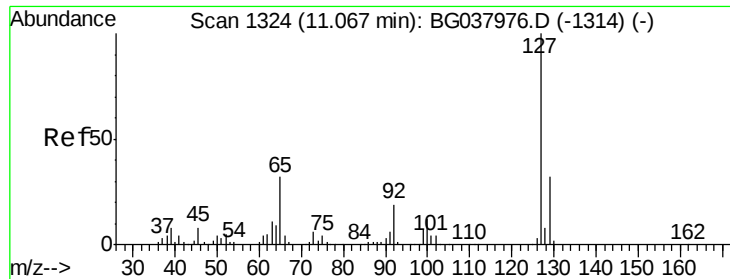
Tgt Ion:128 Resp: 387734
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.4 11.1 16.7



#32
Benzoic acid
Concen: 43.409 ng
RT: 10.19 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion:122 Resp: 65609
Ion Ratio Lower Upper
122 100
105 114.9 106.7 146.7
77 92.2 72.2 112.2

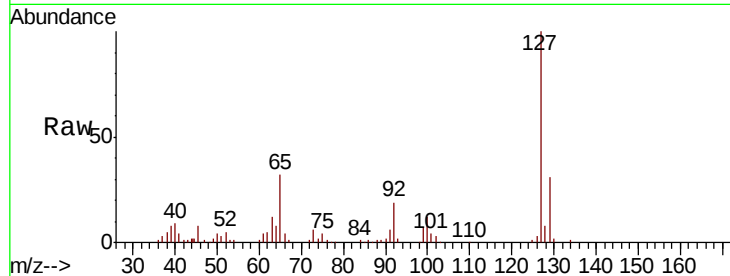




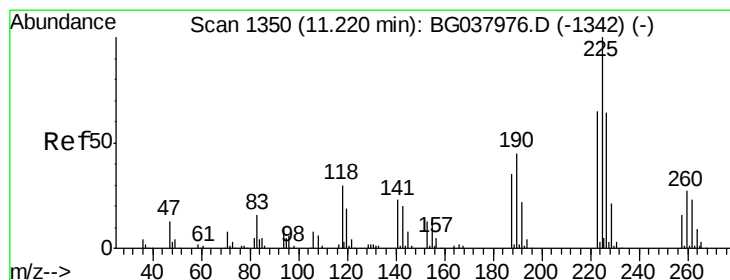
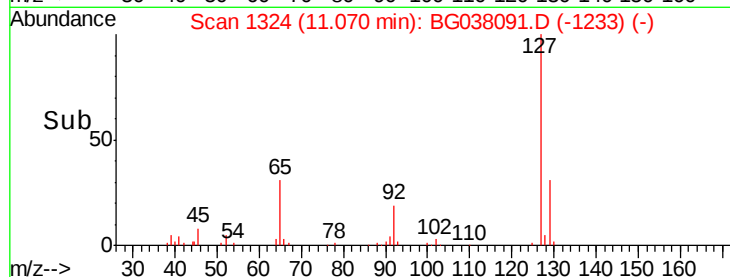
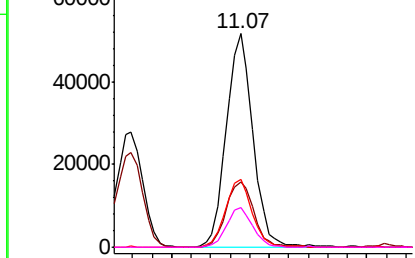
#33
4-Chloroaniline
Concen: 25.277 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tgt Ion:	127	Resp:	98023
Ion	Ratio	Lower	Upper
127	100		
129	30.7	27.1	40.7
65	31.7	26.6	39.8
92	18.8	16.4	24.6

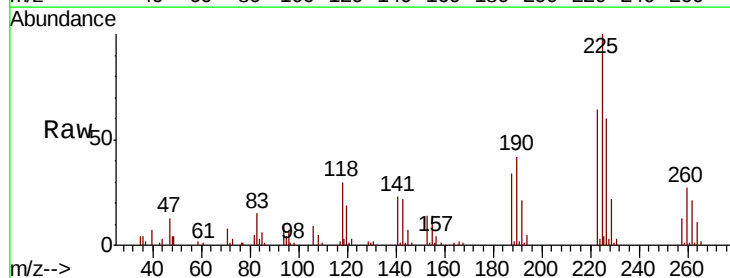


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

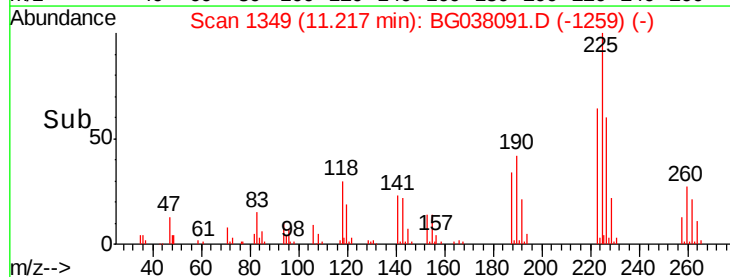
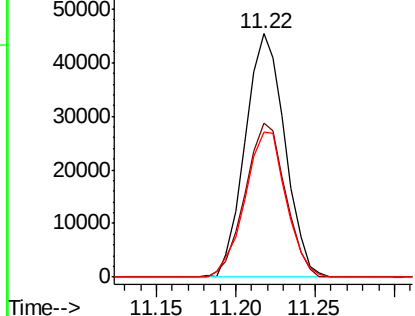


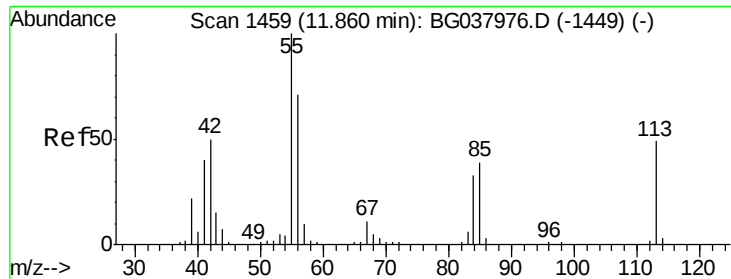
#34
Hexachlorobutadiene
Concen: 41.709 ng
RT: 11.22 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion:	225	Resp:	78832
Ion	Ratio	Lower	Upper
225	100		
223	64.2	48.2	72.4
227	59.6	51.6	77.4



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





#35

Caprolactam

Concen: 29.833 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB114970BS

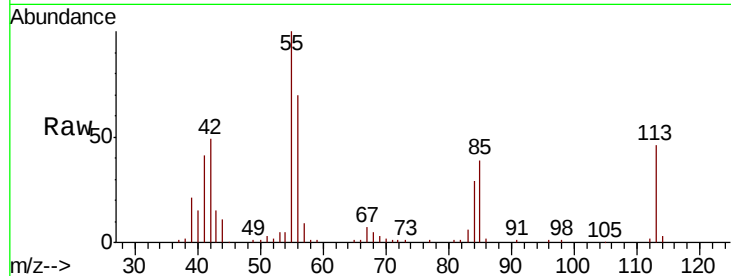
Tgt Ion:113 Resp: 32725

Ion Ratio Lower Upper

113 100

55 216.9 176.6 216.6#

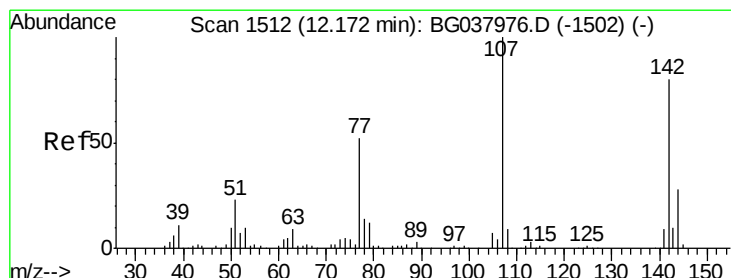
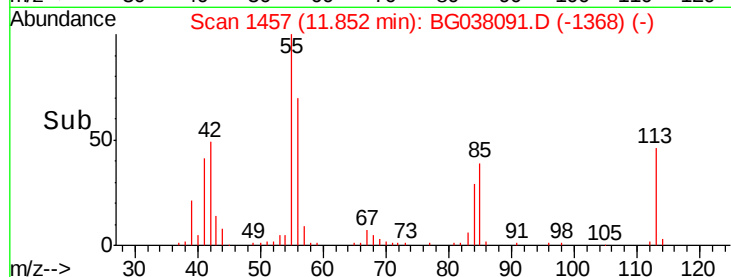
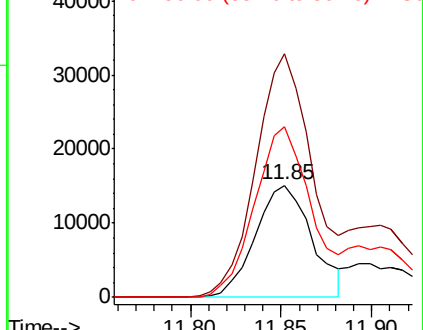
56 151.6 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037976.D (-1449) (-)

Ion 56.00 (55.70 to 56.70): BG037976.D (-1449) (-)



#36

4-Chloro-3-methylphenol

Concen: 45.536 ng

RT: 12.18 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

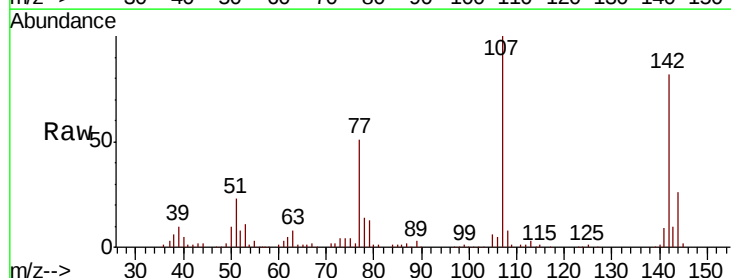
Tgt Ion:107 Resp: 136336

Ion Ratio Lower Upper

107 100

144 25.8 20.7 31.1

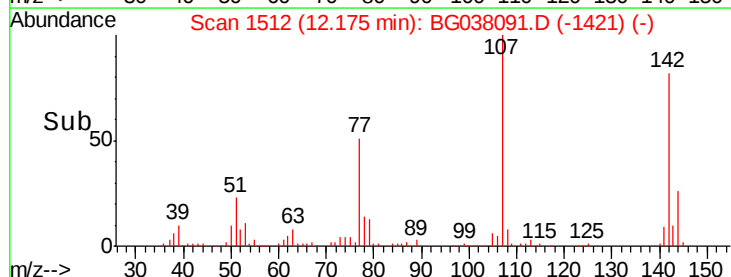
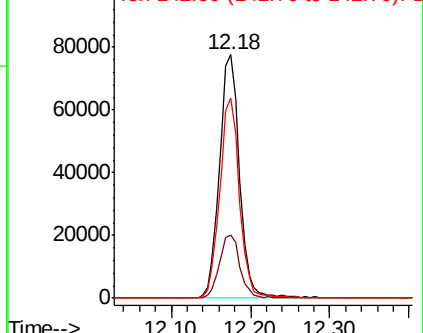
142 82.3 64.4 96.6

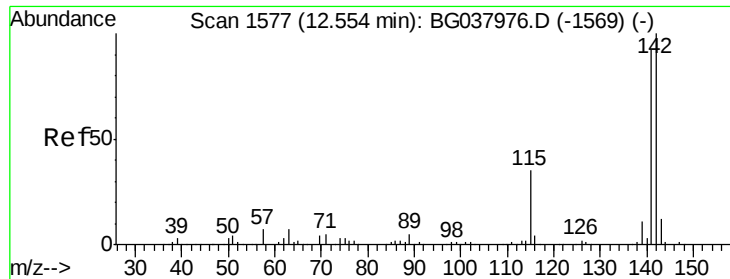


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

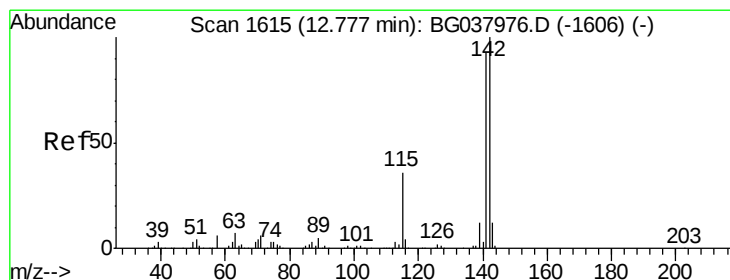
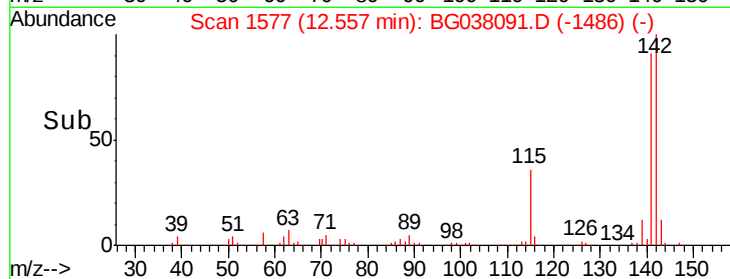
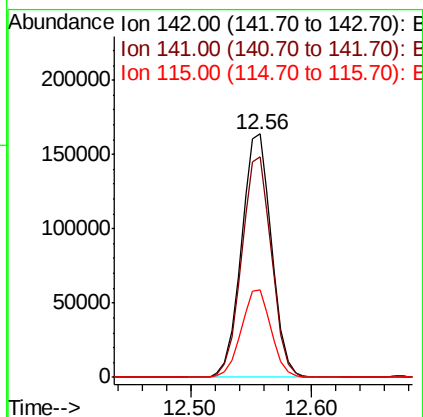
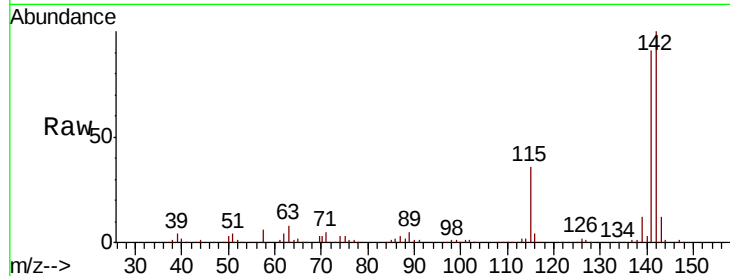




#37
2-Methylnaphthalene
Concen: 47.398 ng
RT: 12.56 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

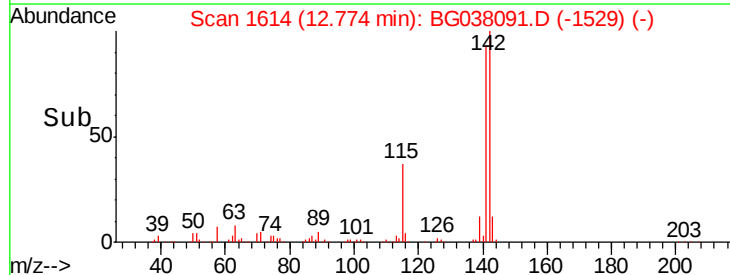
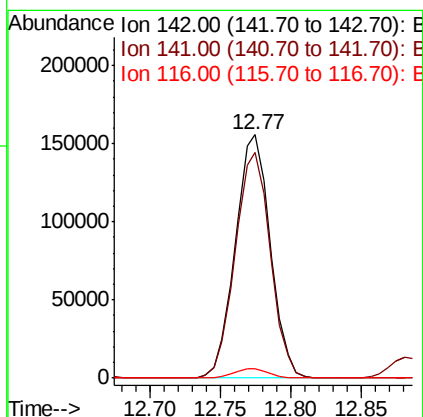
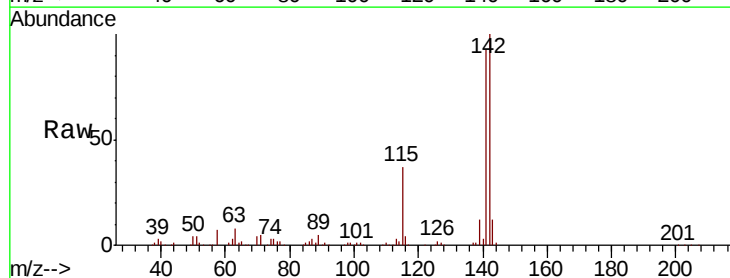
Instrument :
BNA_G
ClientSampleId :
PB114970BS

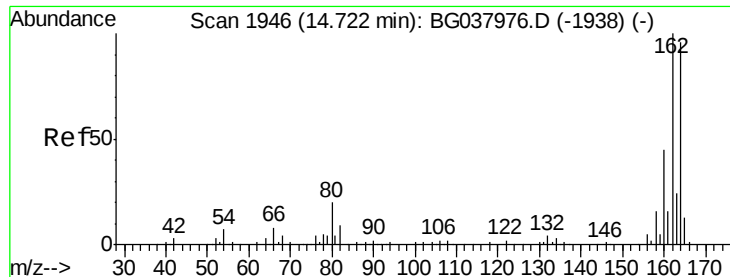
Tgt Ion:142 Resp: 283839
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9
115 36.0 27.8 41.8



#38
1-Methylnaphthalene
Concen: 46.612 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion:142 Resp: 268685
Ion Ratio Lower Upper
142 100
141 92.7 75.2 112.8
116 4.1 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB114970BS

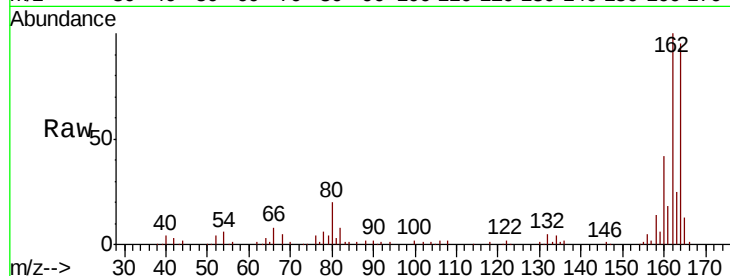
Tgt Ion:164 Resp: 104881

Ion Ratio Lower Upper

164 100

162 104.8 81.3 121.9

160 44.5 36.3 54.5

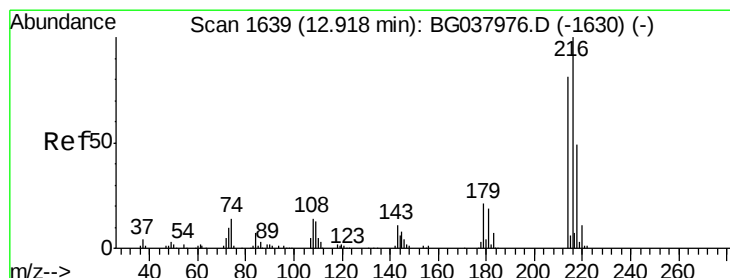
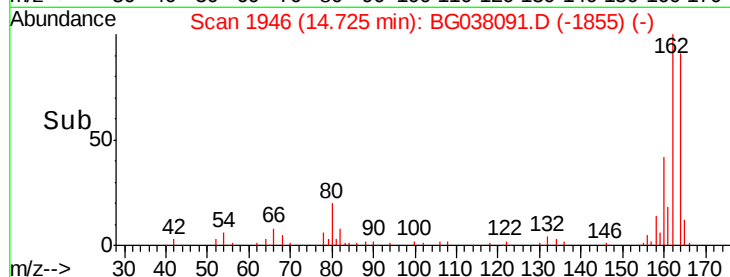
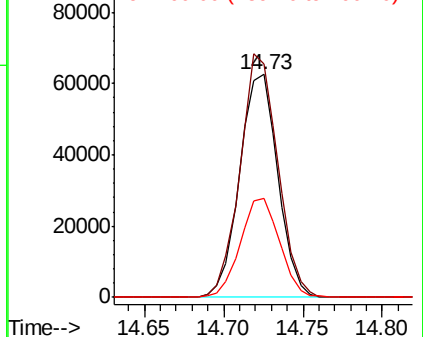


Abundance

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: 41.358 ng

RT: 12.92 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Tgt Ion:216 Resp: 144945

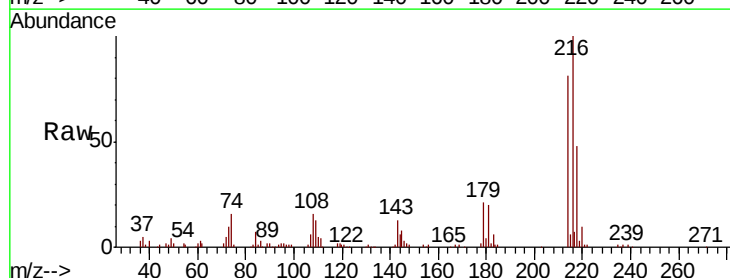
Ion Ratio Lower Upper

216 100

214 81.2 63.8 95.6

179 21.5 17.4 26.0

108 20.2 13.9 20.9



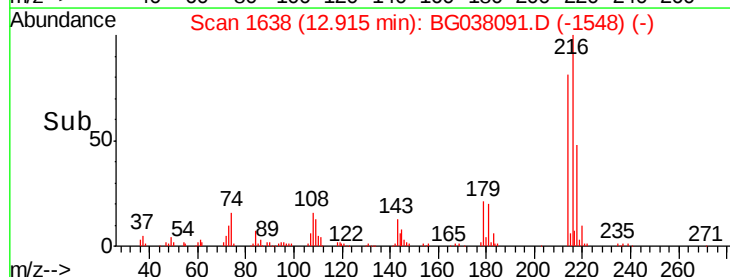
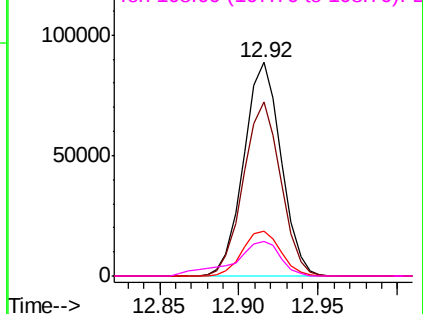
Abundance

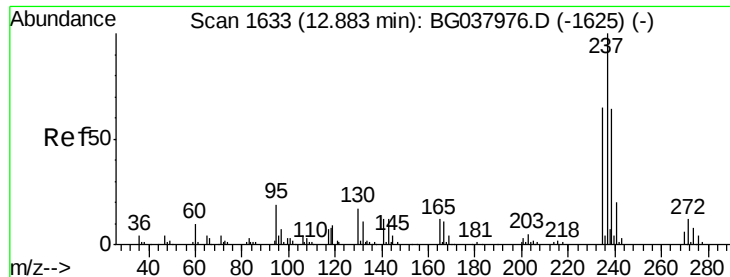
Ion 216.00 (215.70 to 216.70): E

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: 98.667 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB114970BS

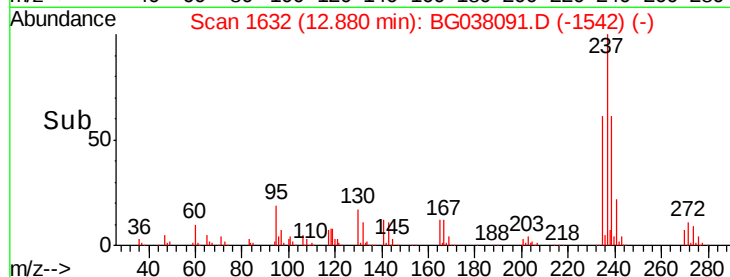
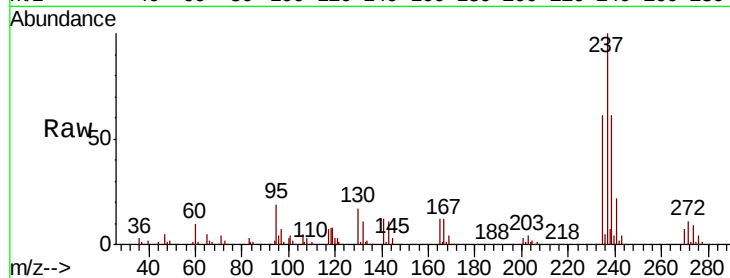
Tgt Ion: 237 Resp: 185164

Ion Ratio Lower Upper

237 100

235 61.5 42.5 82.5

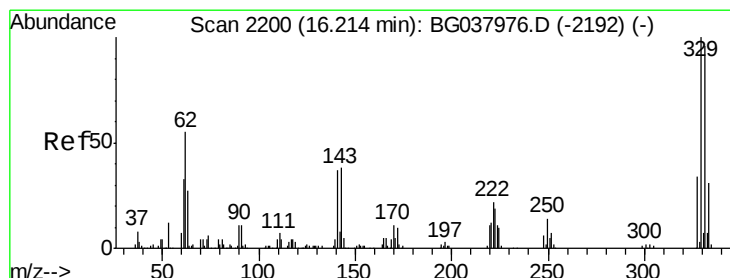
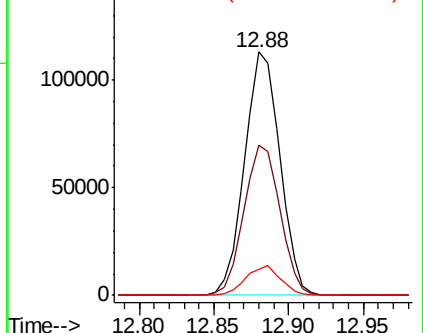
272 10.9 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 131.457 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

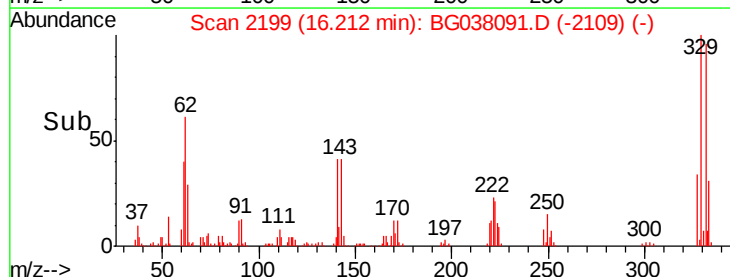
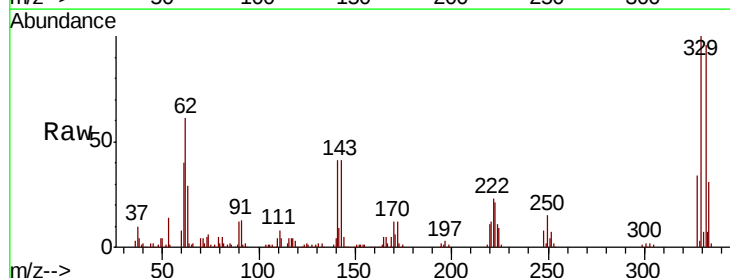
Tgt Ion: 330 Resp: 157241

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

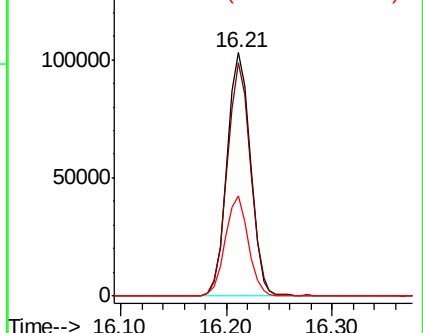
141 40.5 32.2 48.2

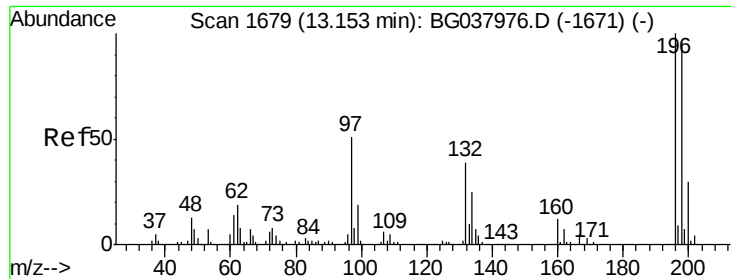


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

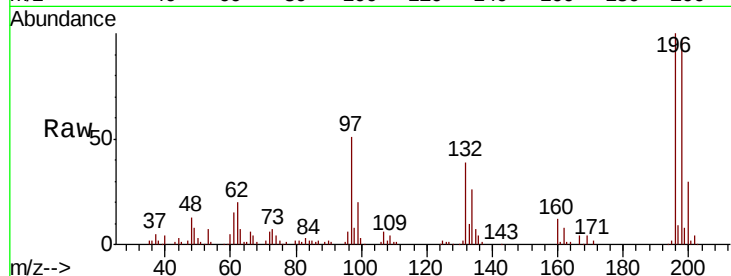




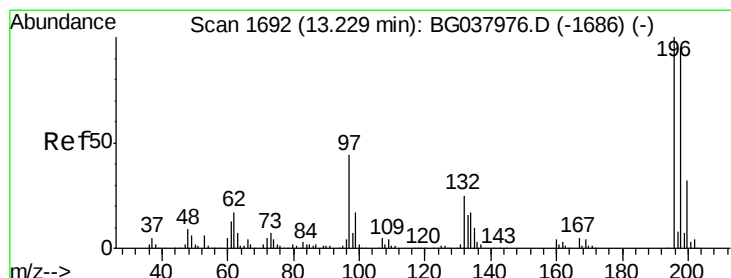
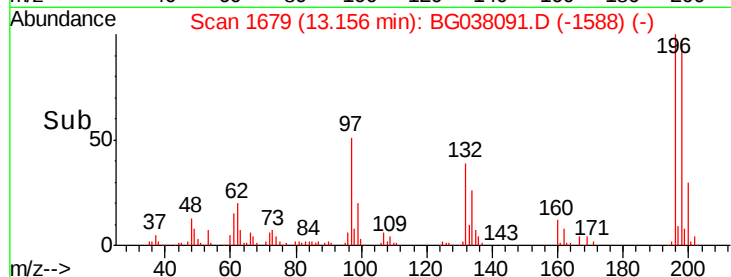
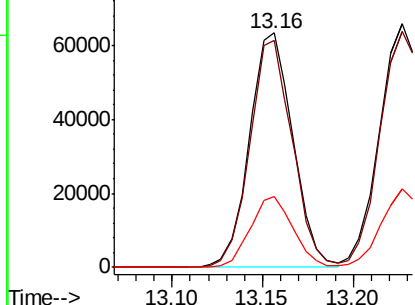
#43
 2,4,6-Trichlorophenol
 Concen: 43.965 ng
 RT: 13.16 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB114970BS

Tgt Ion:196 Resp: 104997
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.4 114.6
 200 30.4 24.9 37.3



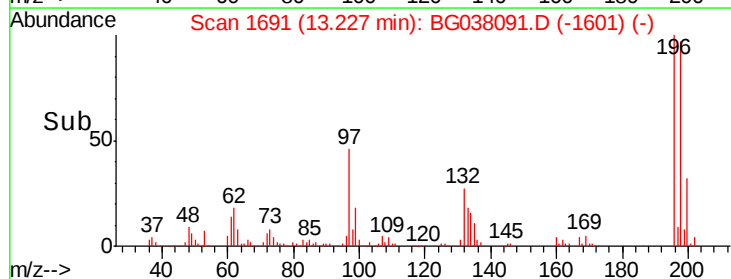
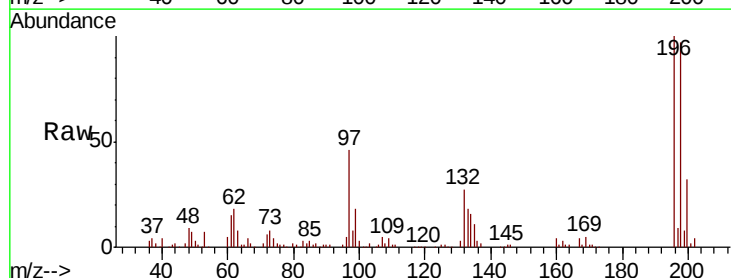
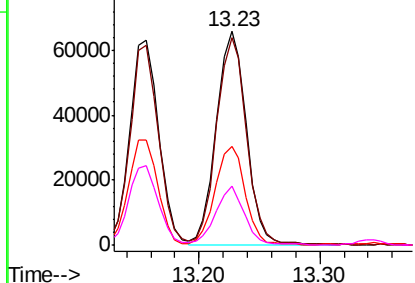
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

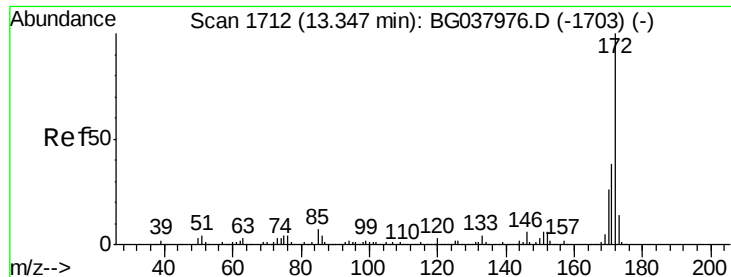


#44
 2,4,5-Trichlorophenol
 Concen: 44.919 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Tgt Ion:196 Resp: 112874
 Ion Ratio Lower Upper
 196 100
 198 97.2 74.2 111.2
 97 46.2 34.1 51.1
 132 27.5 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

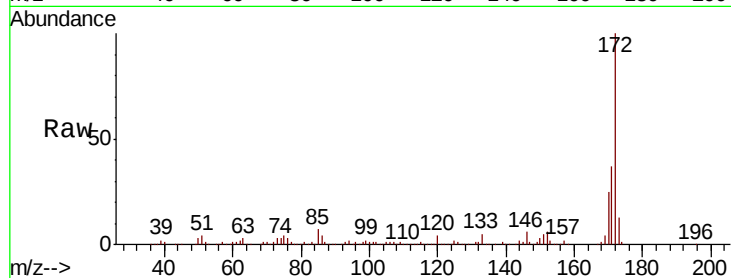




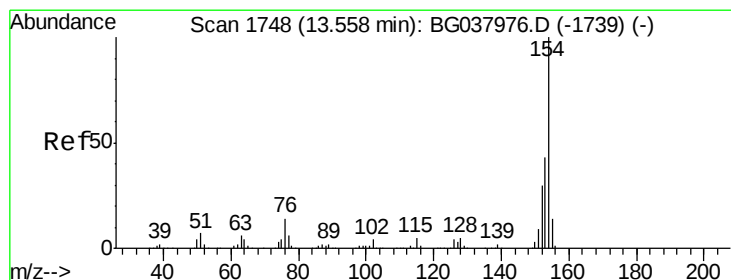
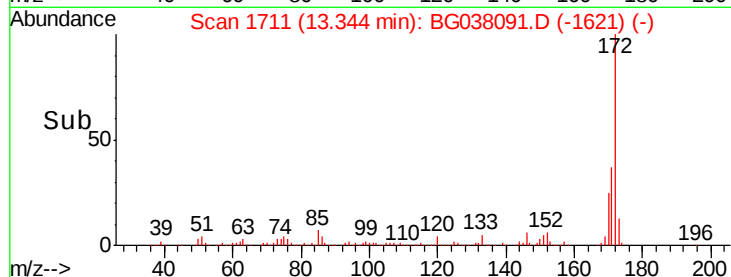
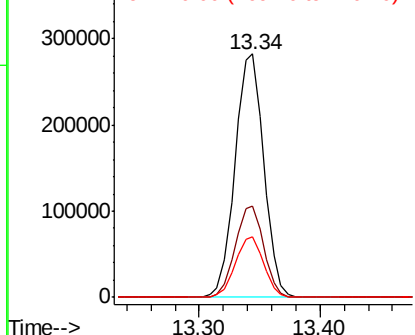
#45
2-Fluorobiphenyl
Concen: 64.957 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tgt Ion:172 Resp: 467633
Ion Ratio Lower Upper
172 100
171 37.5 31.0 46.4
170 24.7 20.2 30.2

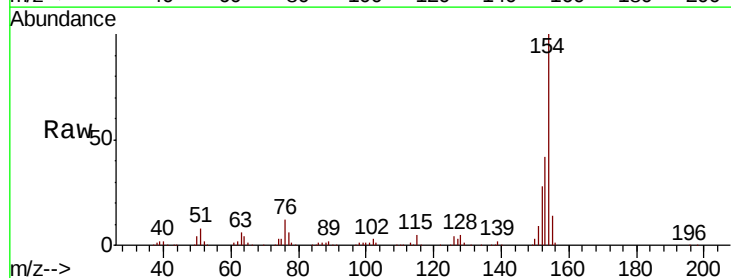


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

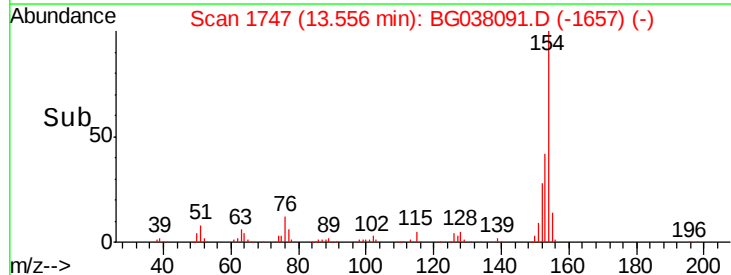
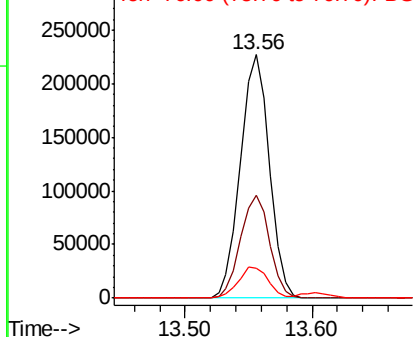


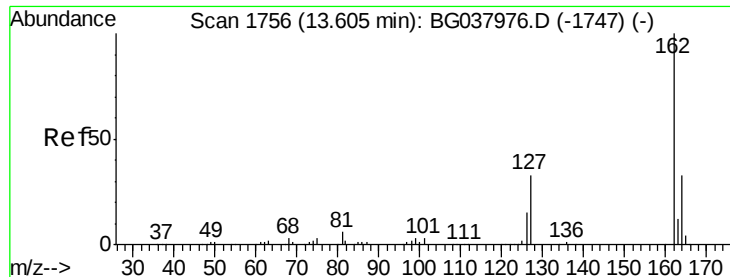
#46
1,1'-Biphenyl
Concen: 40.741 ng
RT: 13.56 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion:154 Resp: 358980
Ion Ratio Lower Upper
154 100
153 42.5 22.1 62.1
76 12.5 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

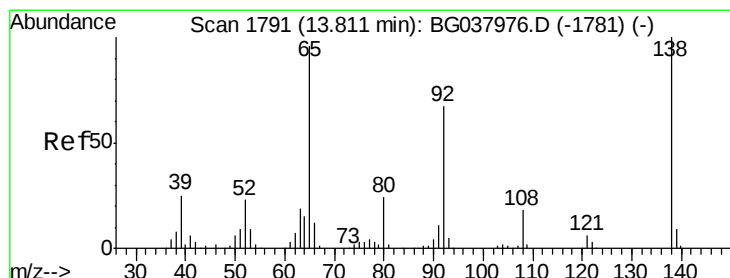
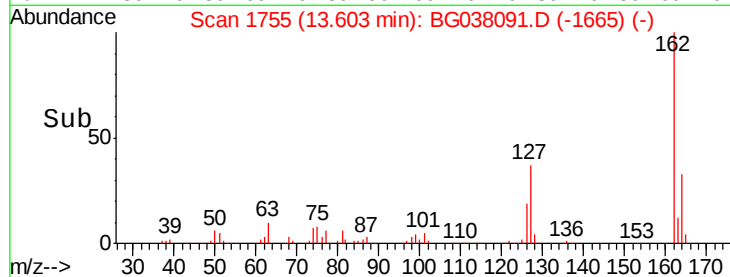
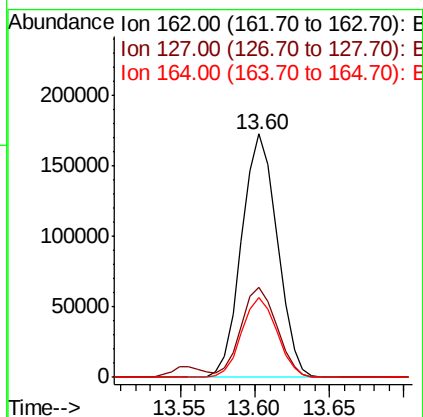
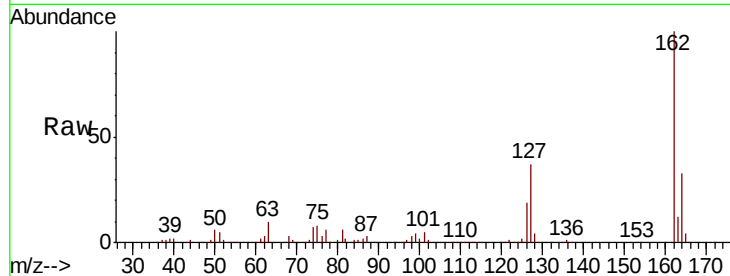




#47
 2-Chloronaphthalene
 Concen: 42.533 ng
 RT: 13.60 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

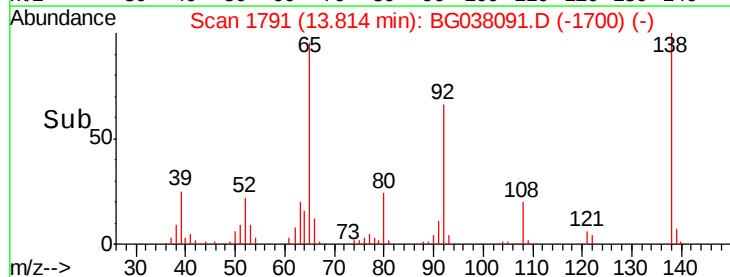
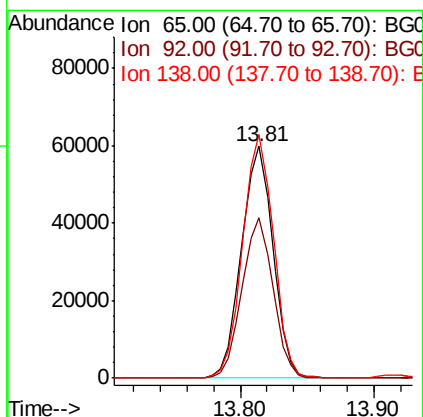
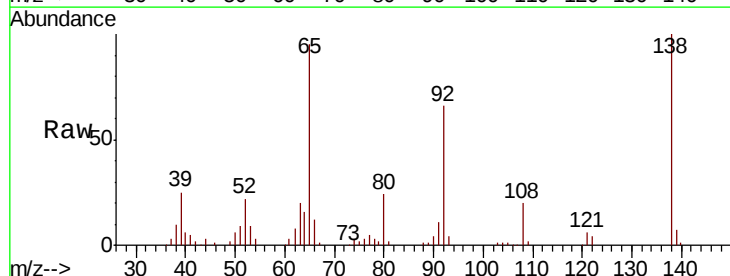
Instrument :
 BNA_G
 ClientSampleId :
 PB114970BS

Tgt Ion: 162 Resp: 285979
 Ion Ratio Lower Upper
 162 100
 127 36.8 30.5 45.7
 164 32.8 26.4 39.6



#48
 2-Nitroaniline
 Concen: 46.052 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Tgt Ion: 65 Resp: 97453
 Ion Ratio Lower Upper
 65 100
 92 69.5 53.2 79.8
 138 105.2 79.3 118.9





#49

Acenaphthylene

Concen: 46.883 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB114970BS

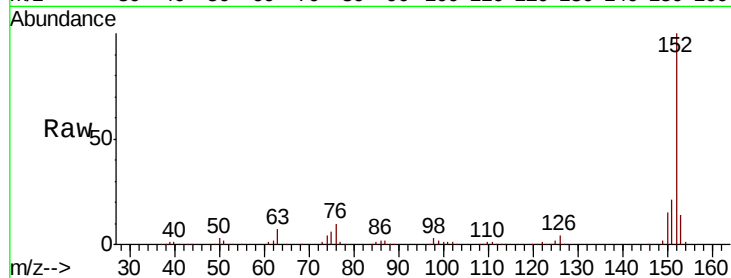
Tgt Ion:152 Resp: 474028

Ion Ratio Lower Upper

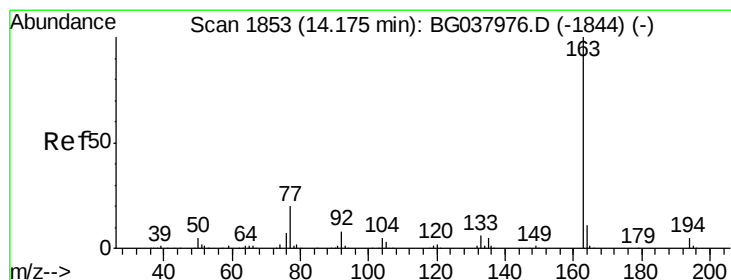
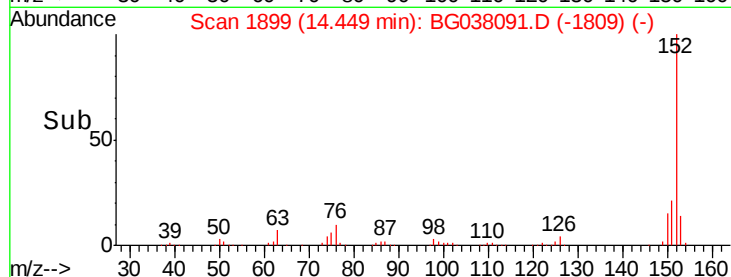
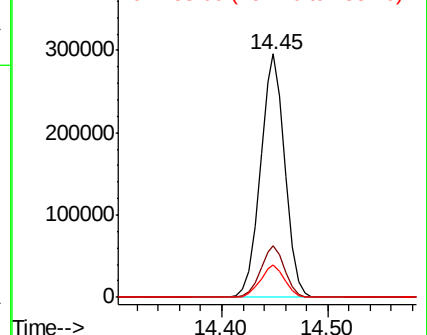
152 100

151 20.9 17.1 25.7

153 13.5 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: 43.307 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

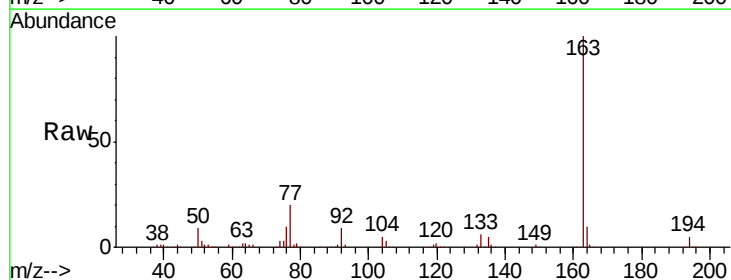
Tgt Ion:163 Resp: 360084

Ion Ratio Lower Upper

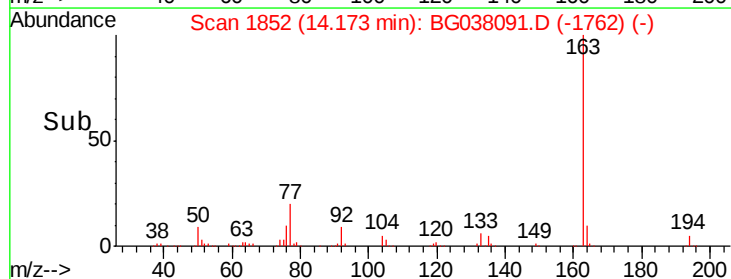
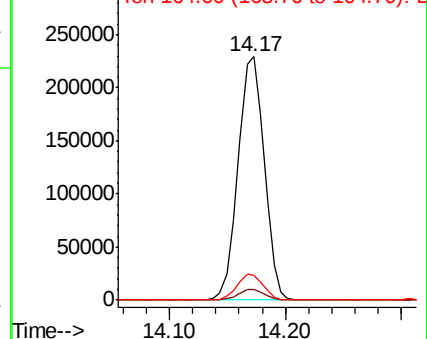
163 100

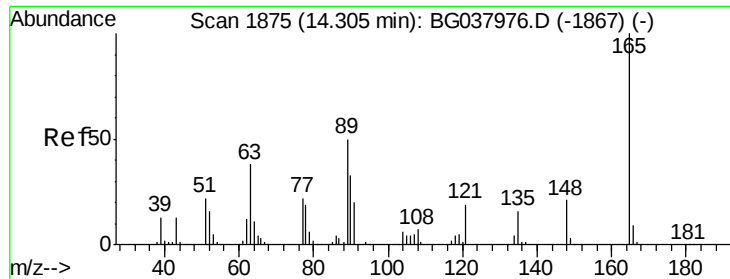
194 4.5 3.5 5.3

164 10.2 8.5 12.7



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

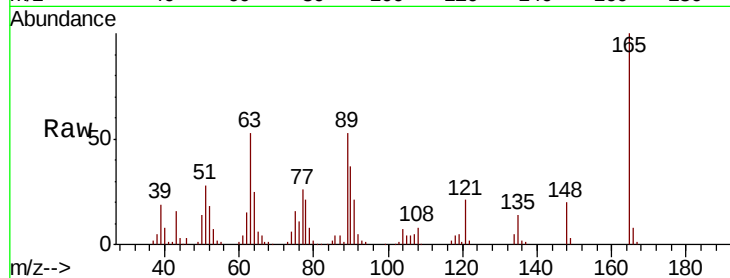




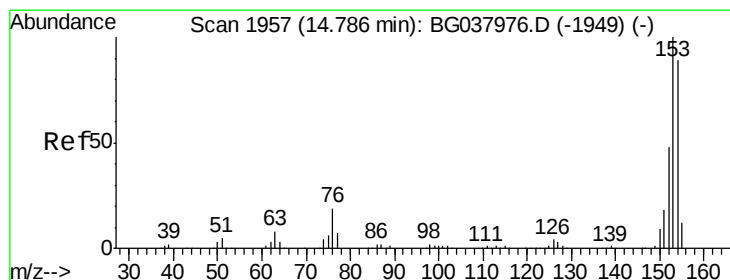
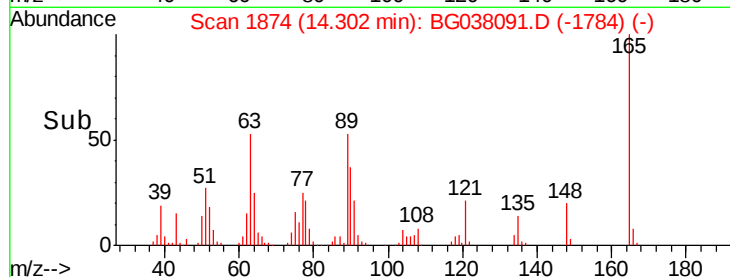
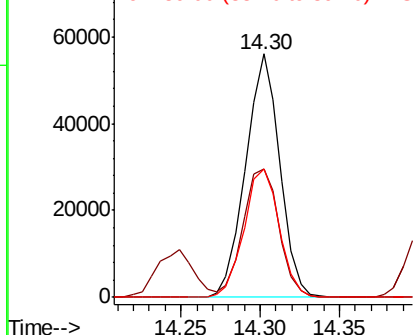
#51
2,6-Dinitrotoluene
Concen: 44.511 ng
RT: 14.30 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tgt Ion:165 Resp: 83763
Ion Ratio Lower Upper
165 100
63 52.6 43.4 65.2
89 53.0 45.8 68.6

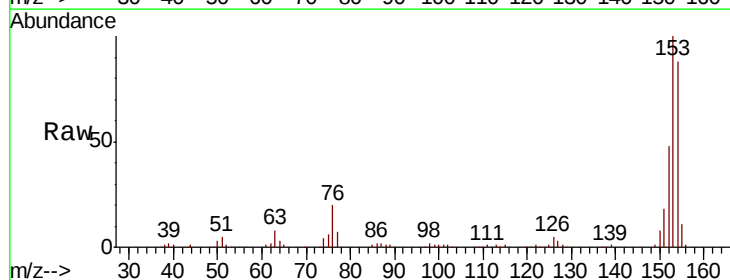


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

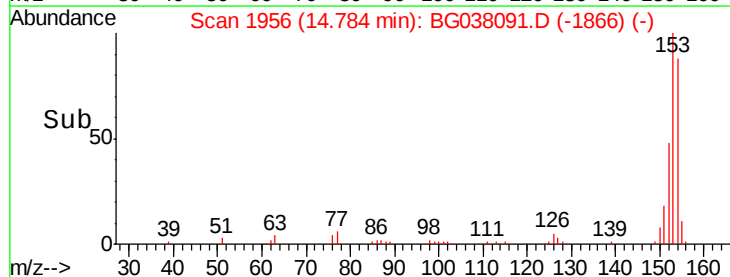
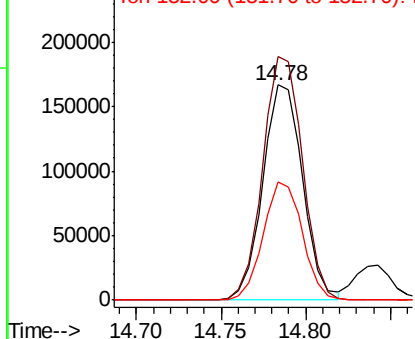


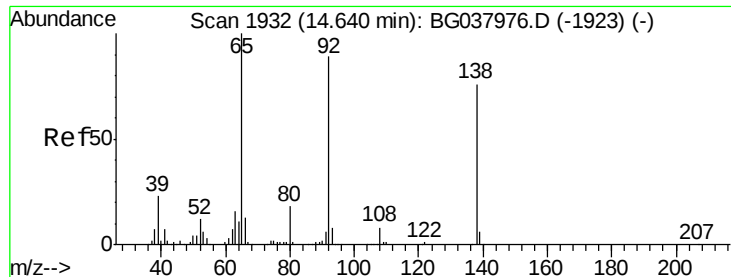
#52
Acenaphthene
Concen: 44.881 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion:154 Resp: 273189
Ion Ratio Lower Upper
154 100
153 113.2 93.4 140.0
152 54.8 44.7 67.1



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





#53

3-Nitroaniline

Concen: 32.769 ng

RT: 14.64 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB114970BS

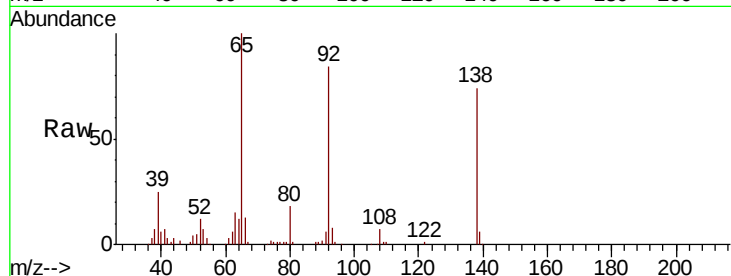
Tgt Ion:138 Resp: 68046

Ion Ratio Lower Upper

138 100

108 9.1 11.0 16.6#

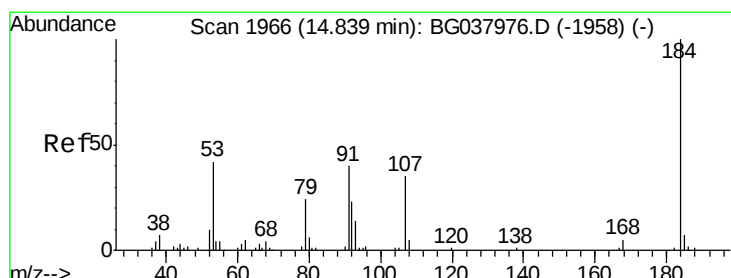
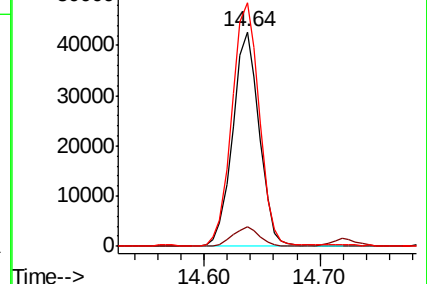
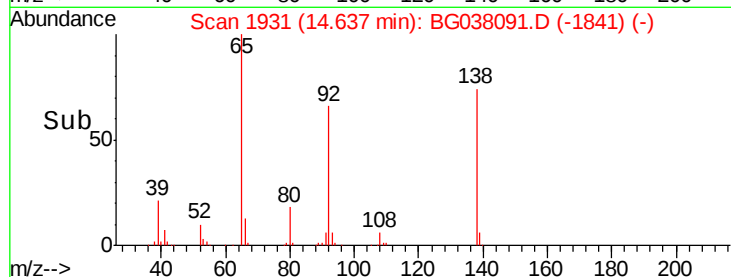
92 113.5 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 80.574 ng

RT: 14.84 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

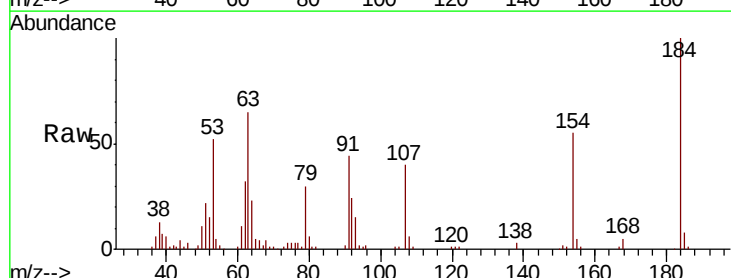
Tgt Ion:184 Resp: 81910

Ion Ratio Lower Upper

184 100

63 64.8 42.6 63.8#

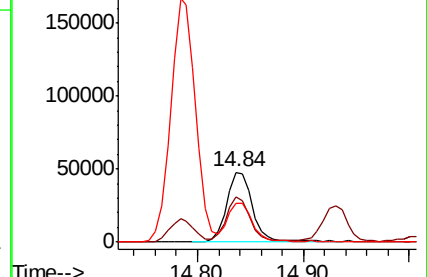
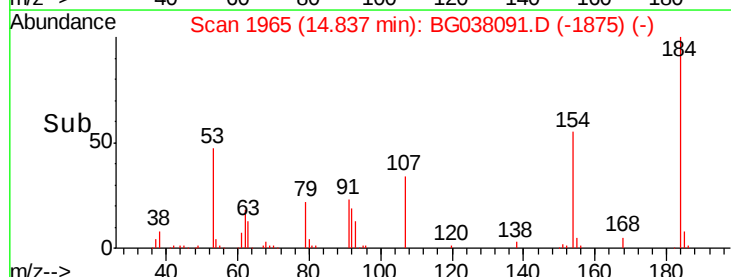
154 54.7 41.8 62.6

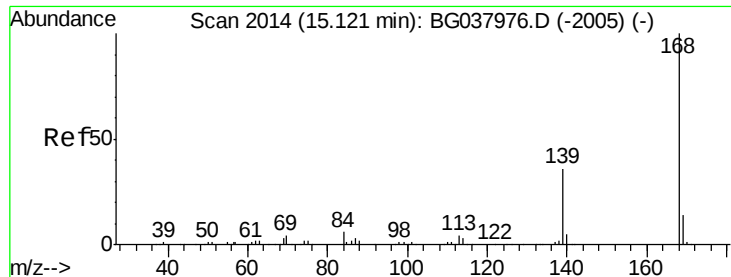


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

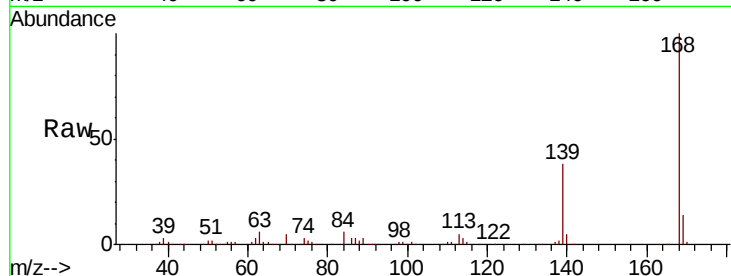




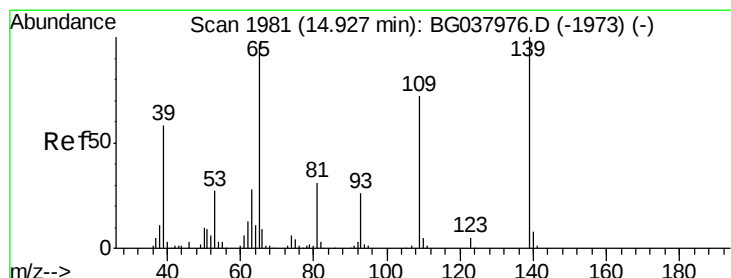
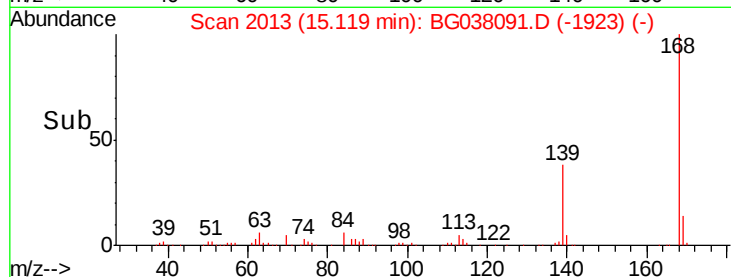
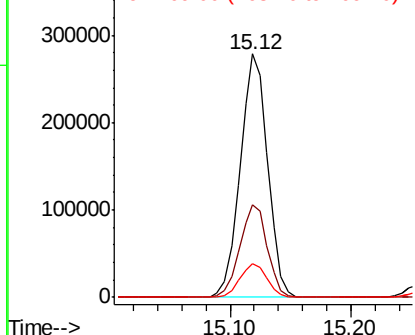
#55
Dibenzenofuran
Concen: 43.544 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tgt Ion:168 Resp: 438277
Ion Ratio Lower Upper
168 100
139 38.1 29.4 44.0
169 13.7 11.0 16.6

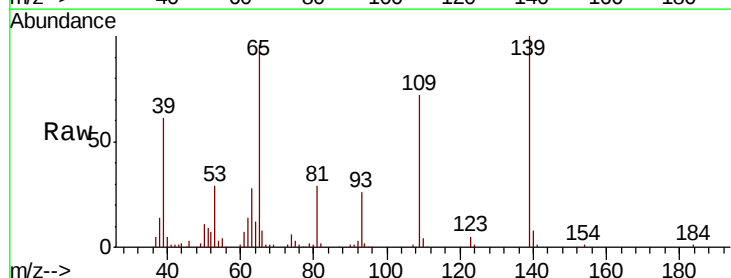


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

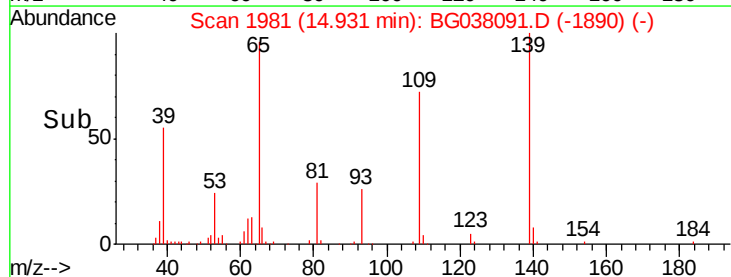
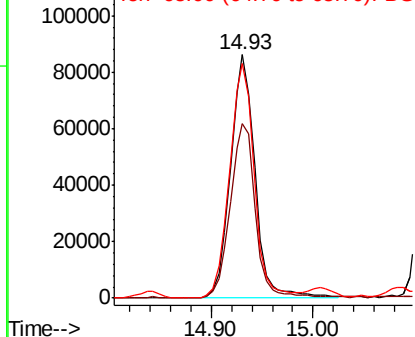


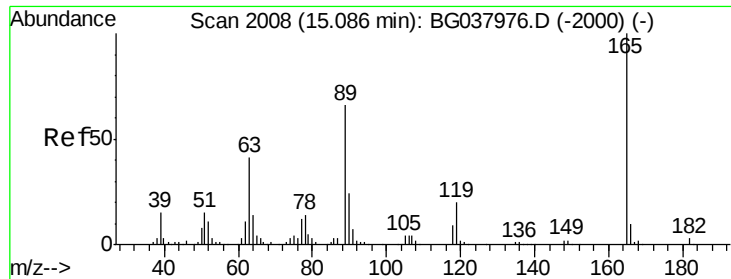
#56
4-Nitrophenol
Concen: 89.950 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion:139 Resp: 144058
Ion Ratio Lower Upper
139 100
109 71.8 49.5 89.5
65 96.4 76.8 116.8



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

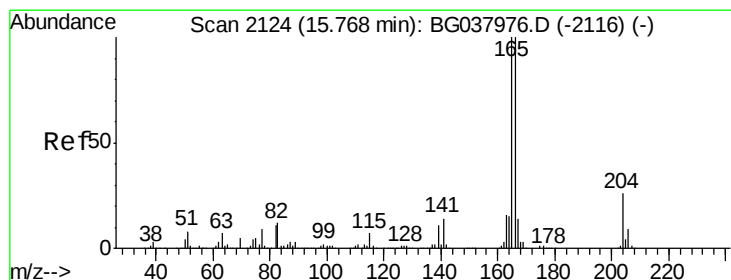
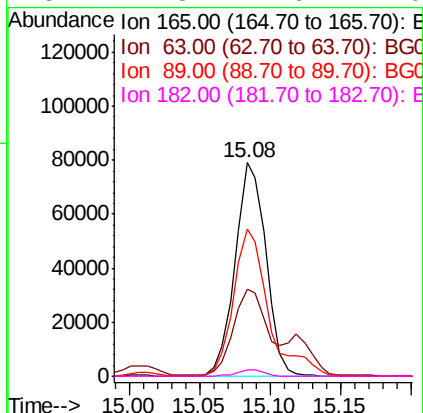
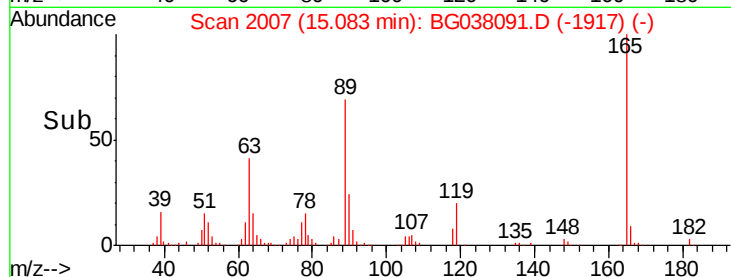
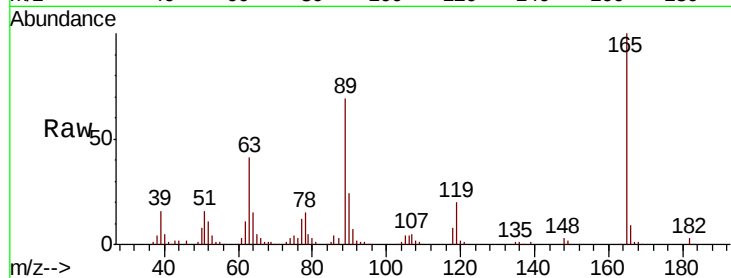




#57
2,4-Dinitrotoluene
Concen: 46.942 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

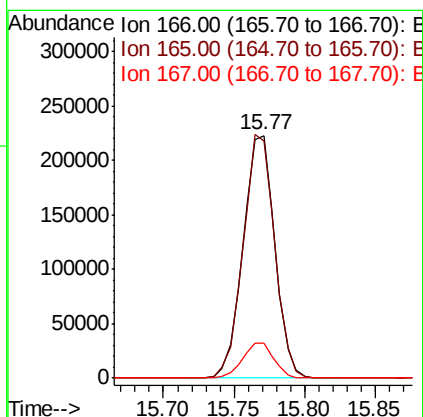
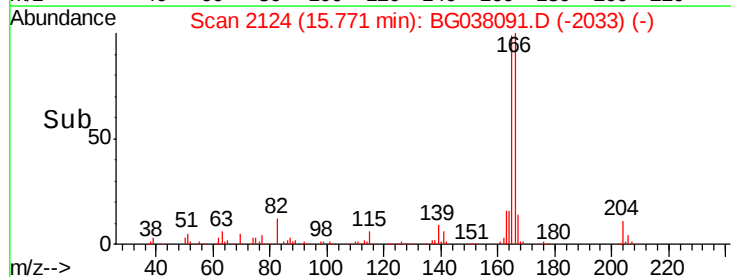
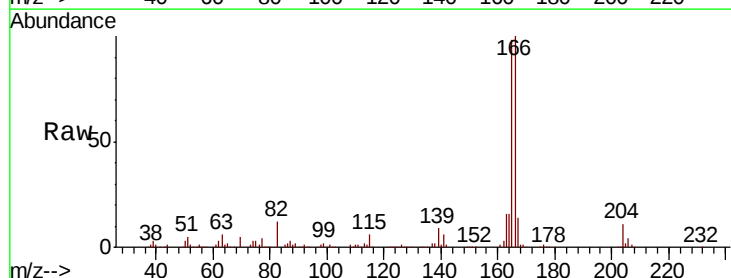
Instrument :
BNA_G
ClientSampleId :
PB114970BS

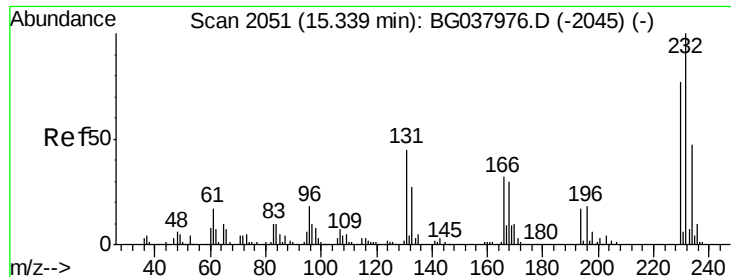
Tgt Ion:	165	Resp:	120192
Ion	Ratio	Lower	Upper
165	100		
63	40.8	33.4	50.0
89	69.0	57.2	85.8
182	2.8	2.6	4.0



#58
Fluorene
Concen: 46.643 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion:	166	Resp:	350280
Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.0	118.6
167	14.5	11.3	16.9

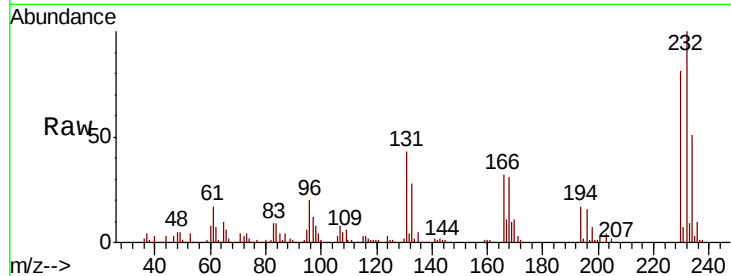




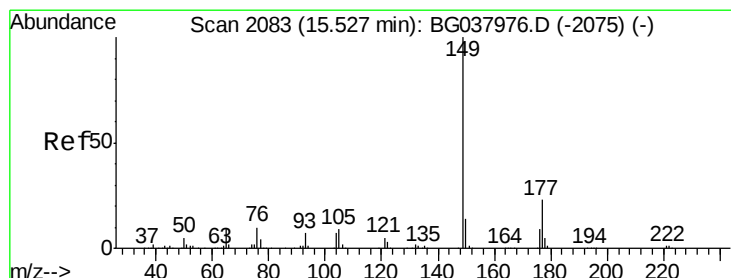
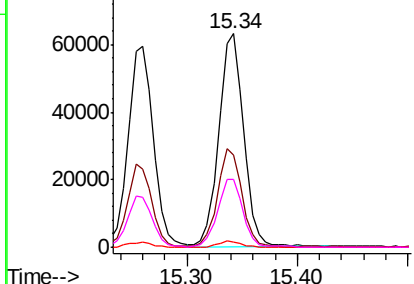
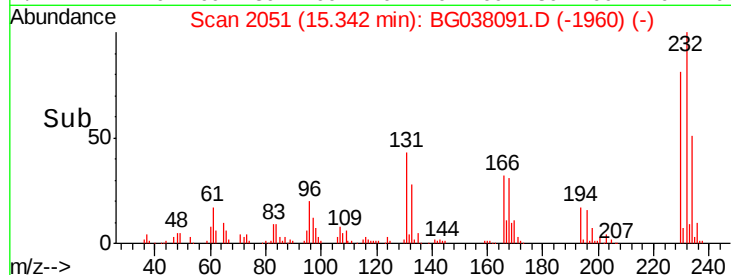
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.228 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB114970BS

Tgt Ion:232 Resp: 99304
 Ion Ratio Lower Upper
 232 100
 131 44.6 33.7 50.5
 130 2.5 2.1 3.1
 166 32.3 24.6 36.8

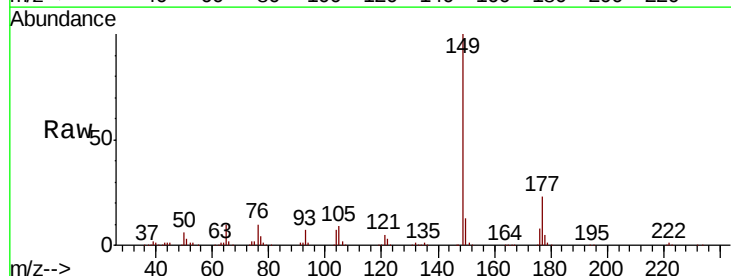


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

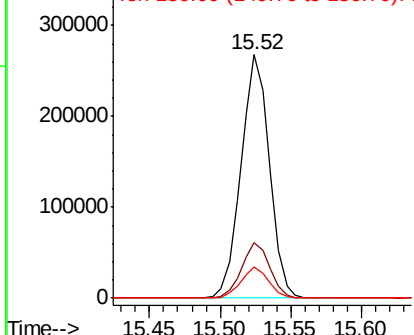
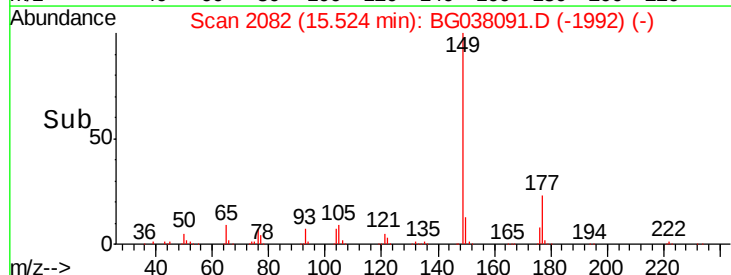


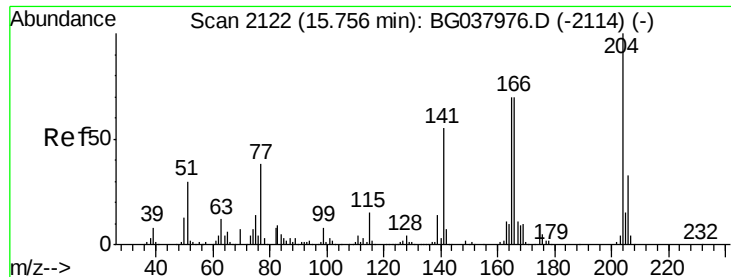
#60
 Diethylphthalate
 Concen: 42.565 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Tgt Ion:149 Resp: 375910
 Ion Ratio Lower Upper
 149 100
 177 22.7 18.3 27.5
 150 12.6 10.0 15.0



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

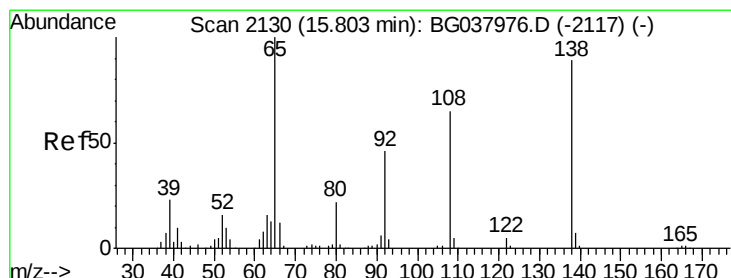
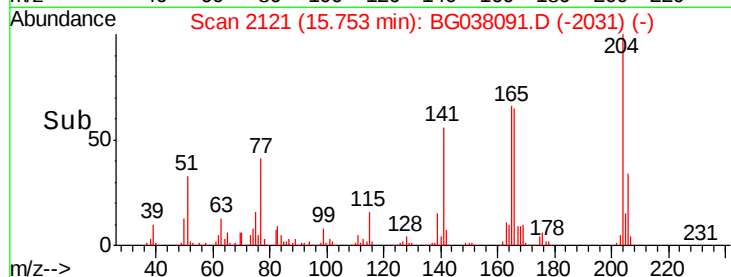
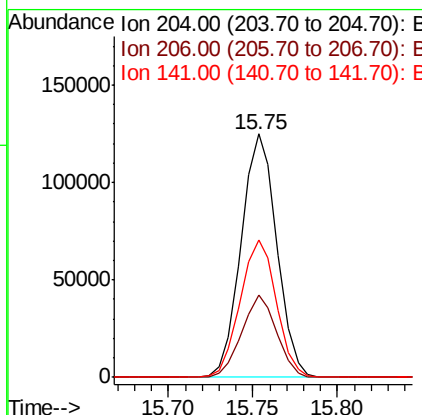
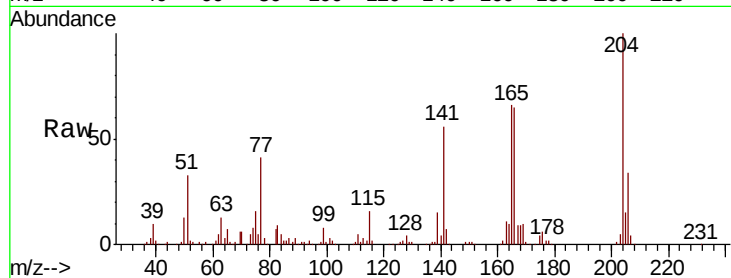




#61
 4-Chlorophenyl-phenylether
 Concen: 41.655 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

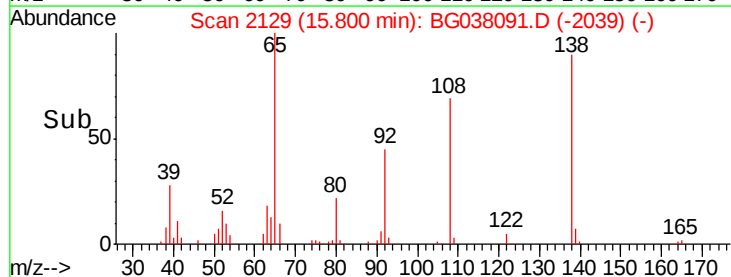
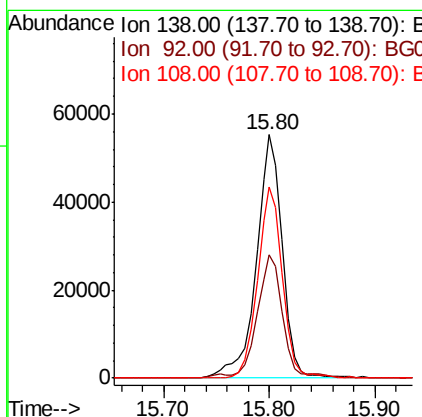
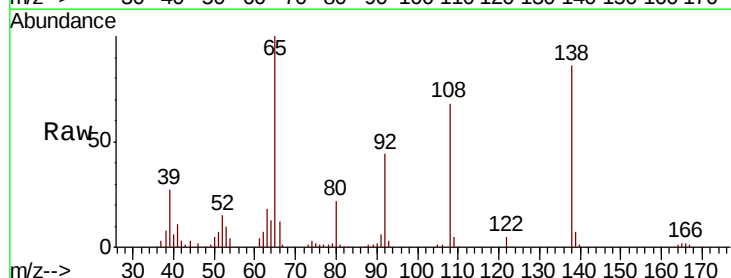
Instrument :
 BNA_G
 ClientSampleId :
 PB114970BS

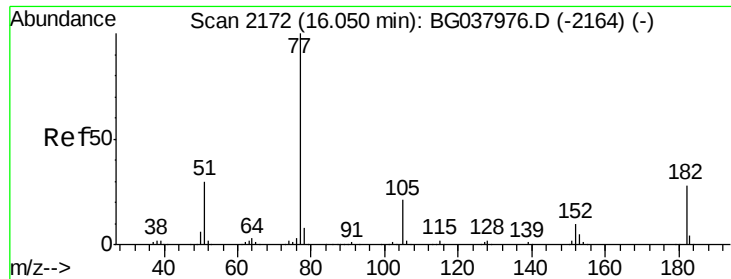
Tgt Ion: 204 Resp: 183041
 Ion Ratio Lower Upper
 204 100
 206 33.8 26.6 39.8
 141 56.3 45.4 68.2



#62
 4-Nitroaniline
 Concen: 45.791 ng
 RT: 15.80 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Tgt Ion: 138 Resp: 94459
 Ion Ratio Lower Upper
 138 100
 92 50.6 36.4 76.4
 108 78.4 60.1 100.1





#63

Azobenzene

Concen: 44.216 ng

RT: 16.05 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB114970BS

Tgt Ion: 77 Resp: 349141

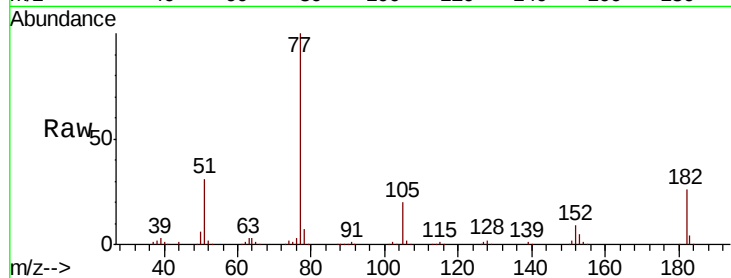
Ion Ratio Lower Upper

77 100

182 26.4 8.0 48.0

105 20.2 1.3 41.3

51 30.9 10.7 50.7

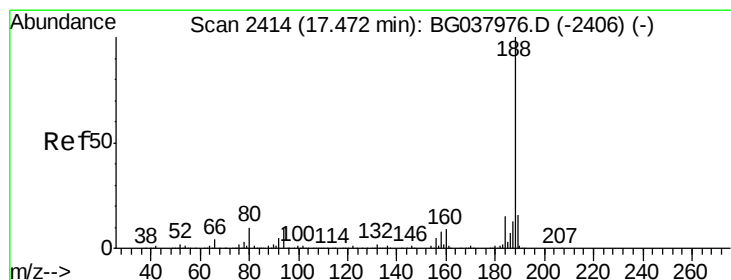
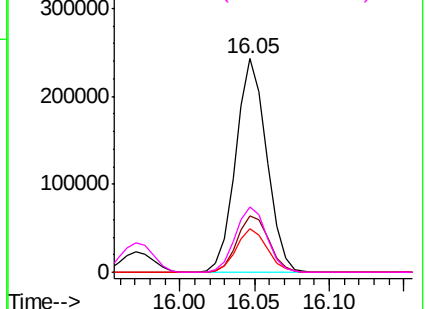
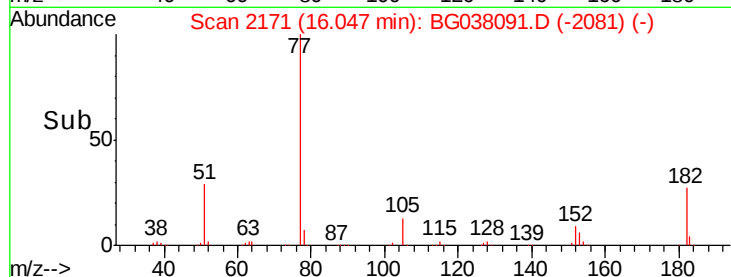


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

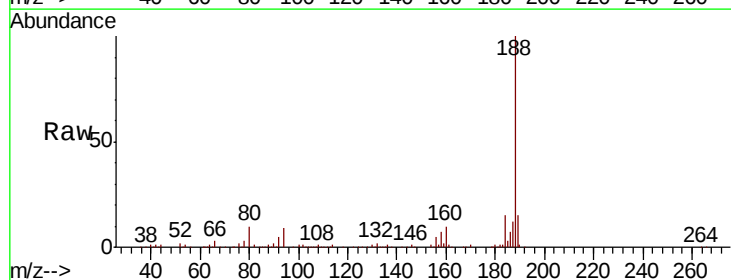
Tgt Ion: 188 Resp: 245134

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

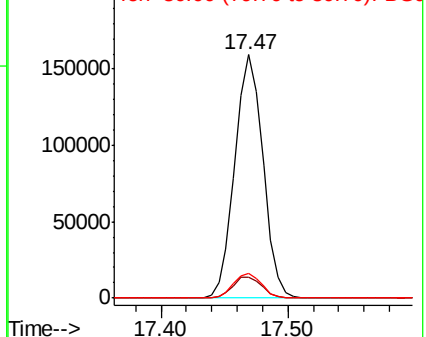
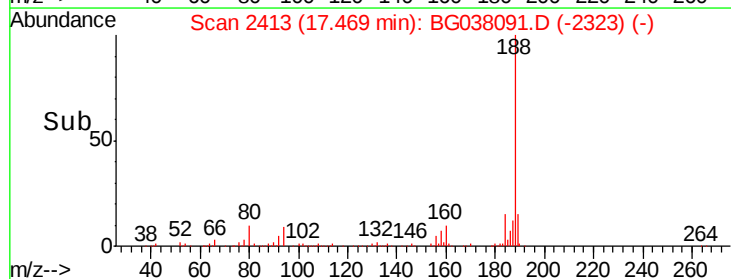
80 10.1 7.7 11.5

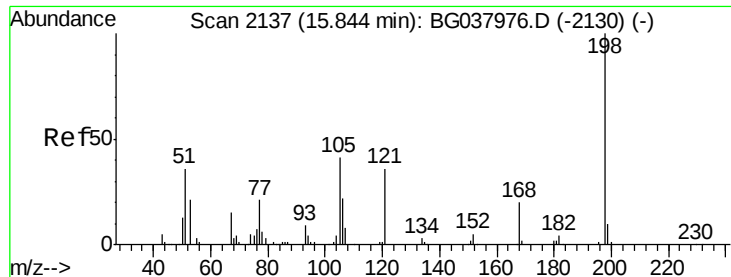


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 41.487 ng

RT: 15.85 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB114970BS

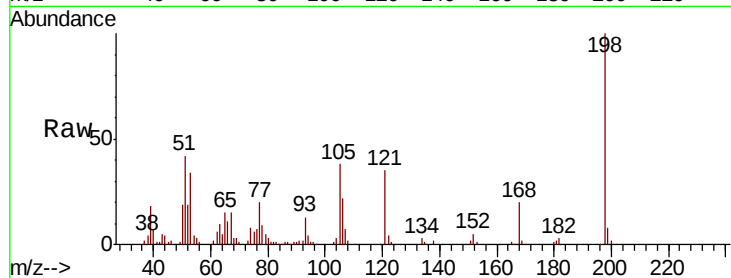
Tgt Ion:198 Resp: 64325

Ion Ratio Lower Upper

198 100

51 42.3 22.7 62.7

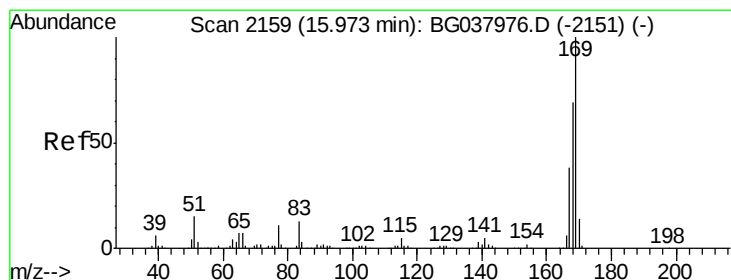
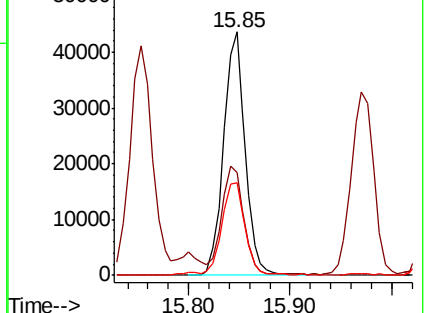
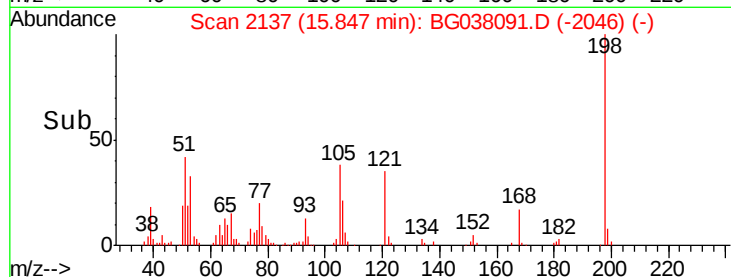
105 38.3 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.939 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

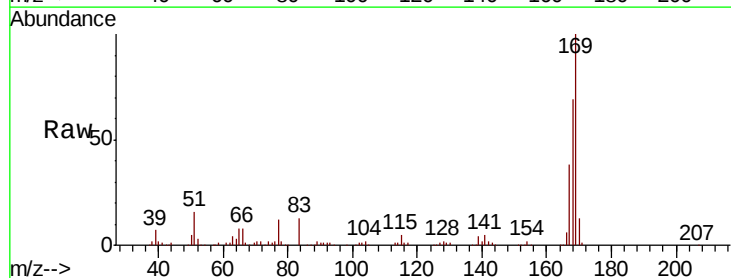
Tgt Ion:169 Resp: 318433

Ion Ratio Lower Upper

169 100

168 69.3 55.7 83.5

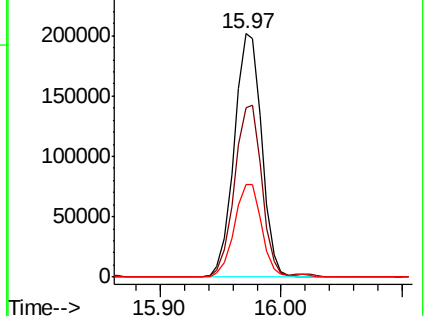
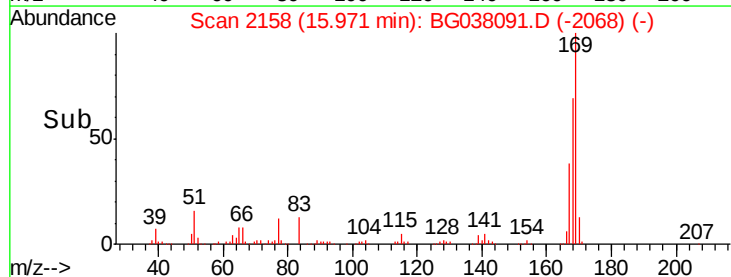
167 38.1 31.3 46.9

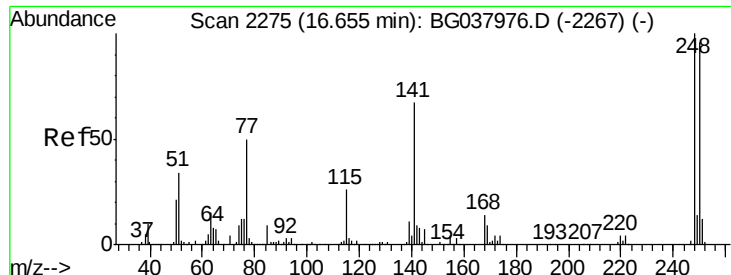


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

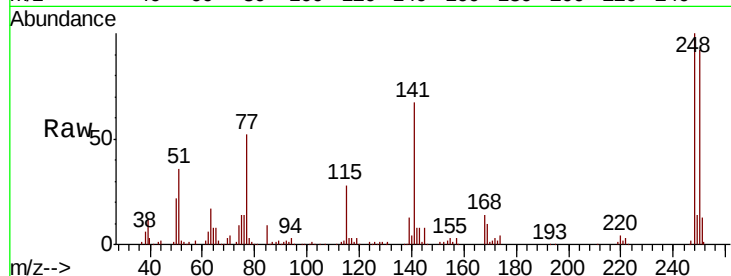




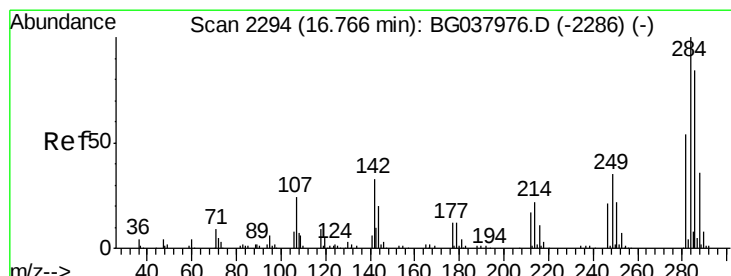
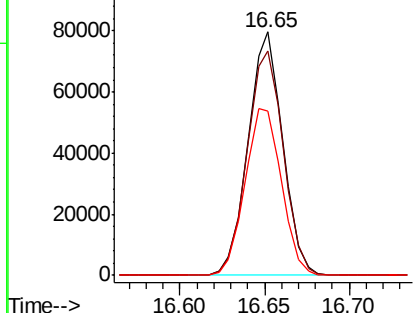
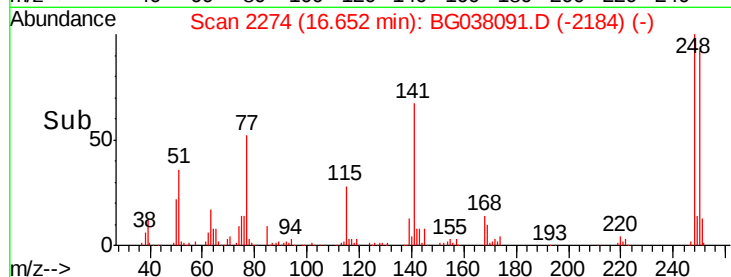
#67
 4-Bromophenyl-phenylether
 Concen: 42.042 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Instrument :
 BNA_G
 ClientSampleID :
 PB114970BS

Tgt Ion: 248 Resp: 113117
 Ion Ratio Lower Upper
 248 100
 250 92.4 77.0 115.6
 141 67.3 55.5 83.3

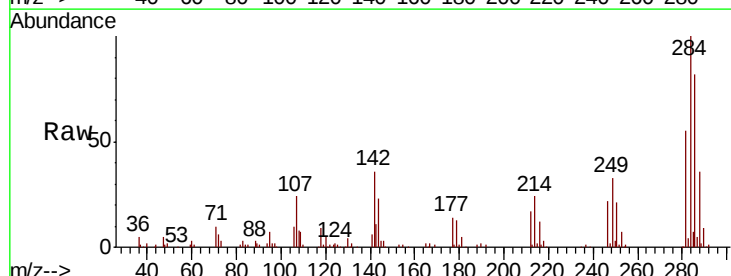


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

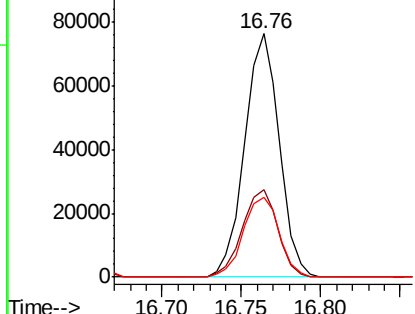
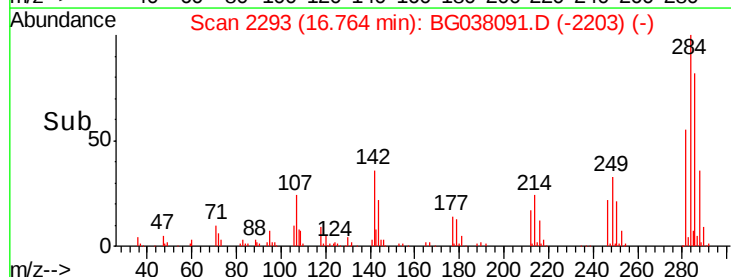


#68
 Hexachlorobenzene
 Concen: 41.635 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Tgt Ion: 284 Resp: 115629
 Ion Ratio Lower Upper
 284 100
 142 36.2 28.1 42.1
 249 35.5 29.8 44.8



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





#69

Atrazine

Concen: 44.066 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB114970BS

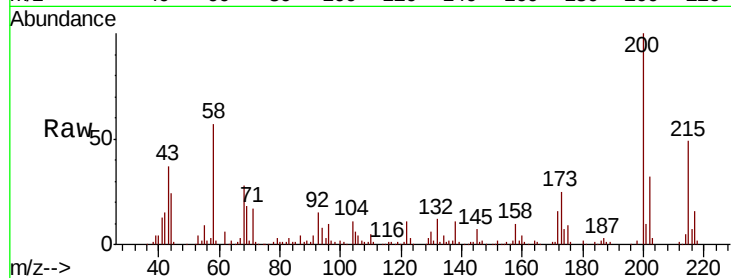
Tgt Ion:200 Resp: 120468

Ion Ratio Lower Upper

200 100

173 24.8 6.1 46.1

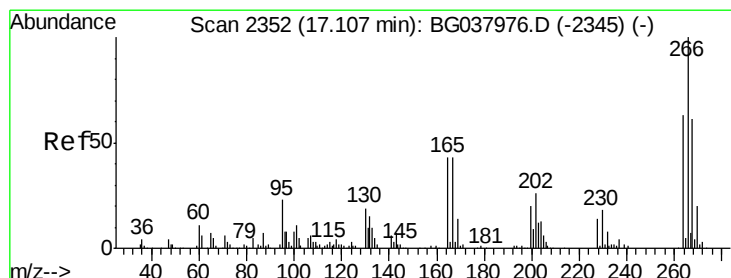
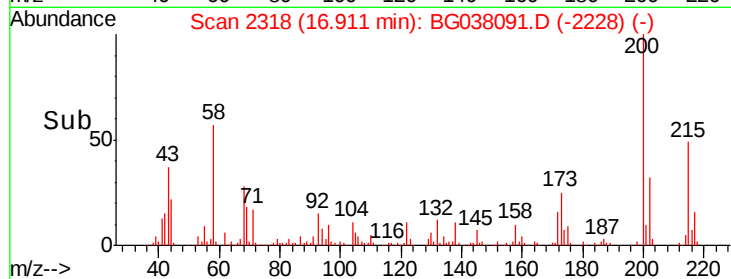
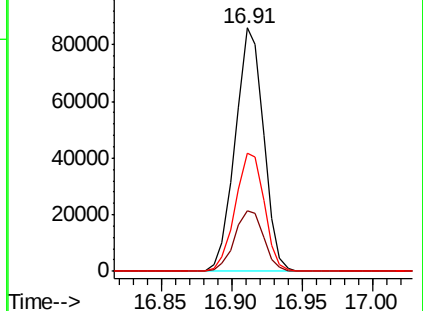
215 48.7 30.8 70.8



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: 71.234 ng

RT: 17.11 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

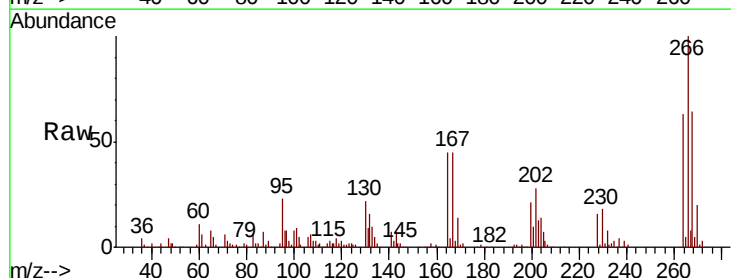
Tgt Ion:266 Resp: 134360

Ion Ratio Lower Upper

266 100

268 68.2 55.0 82.6

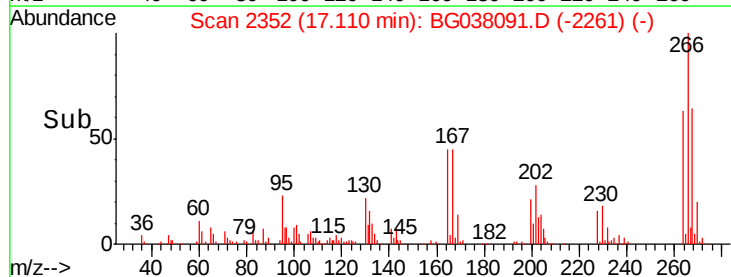
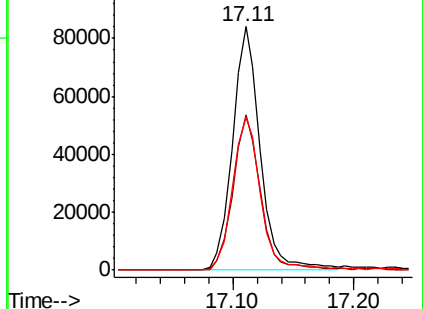
264 67.8 58.9 88.3

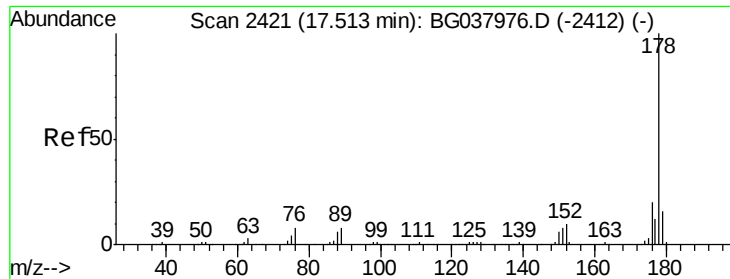


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

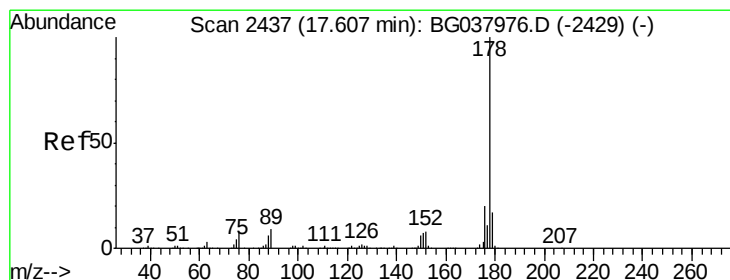
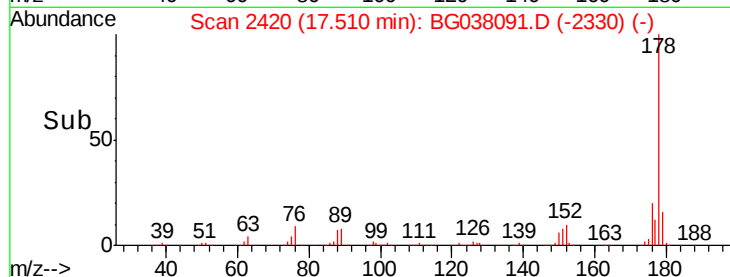
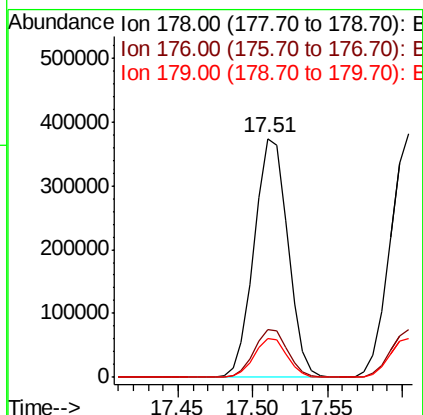
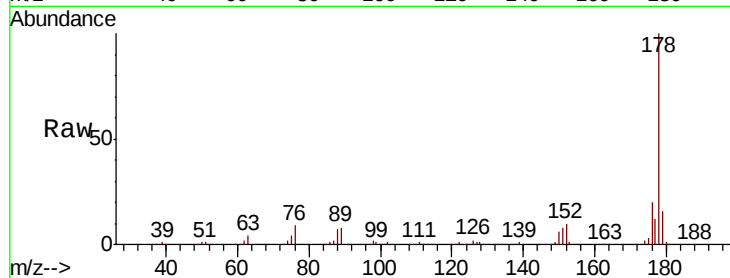




#71
Phenanthrene
Concen: 46.518 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

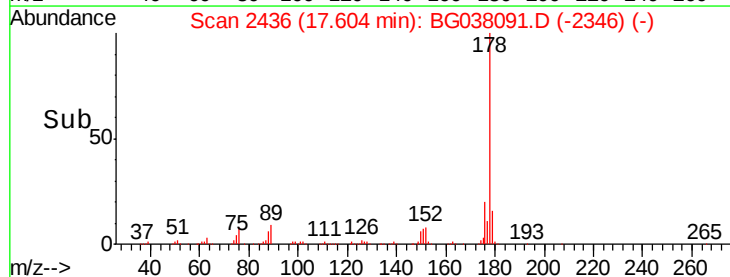
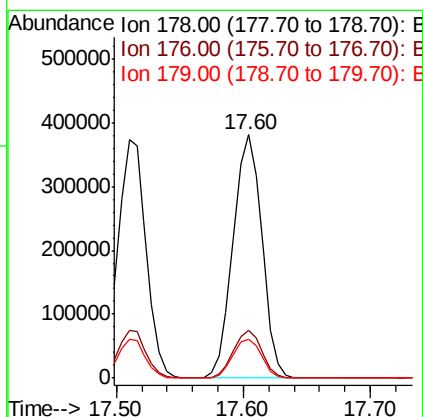
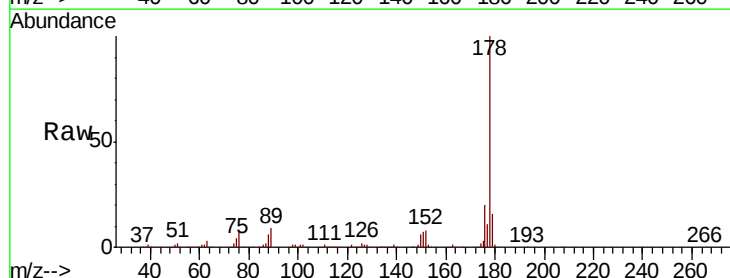
Instrument :
BNA_G
ClientSampleId :
PB114970BS

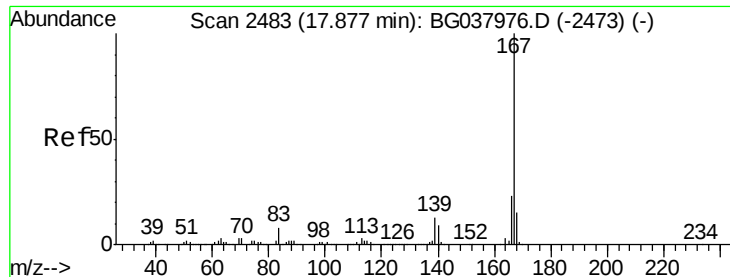
Tgt Ion:178 Resp: 583831
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 16.4 13.0 19.4



#72
Anthracene
Concen: 48.313 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion:178 Resp: 597702
Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.4
179 16.0 12.8 19.2

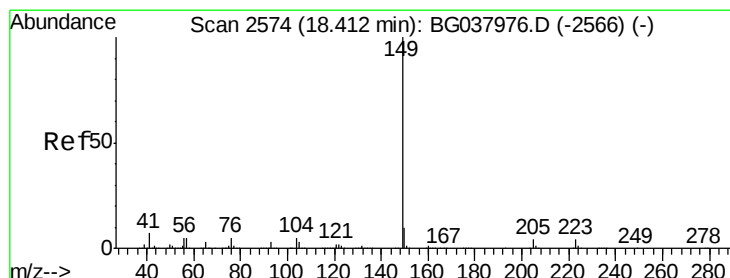
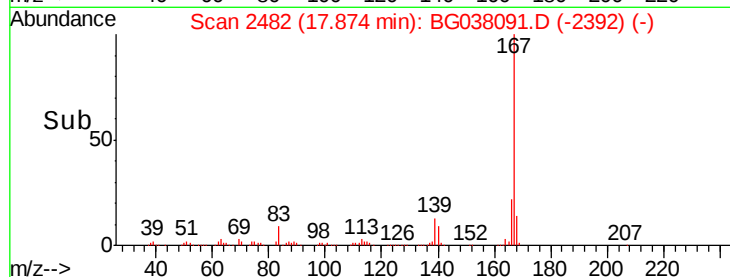
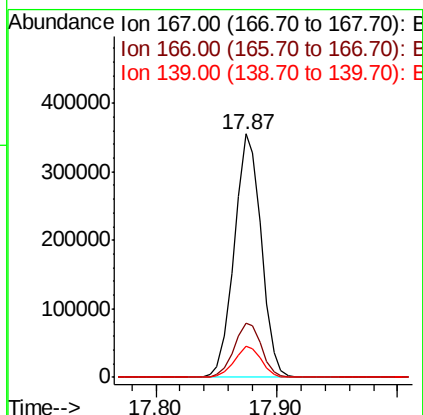
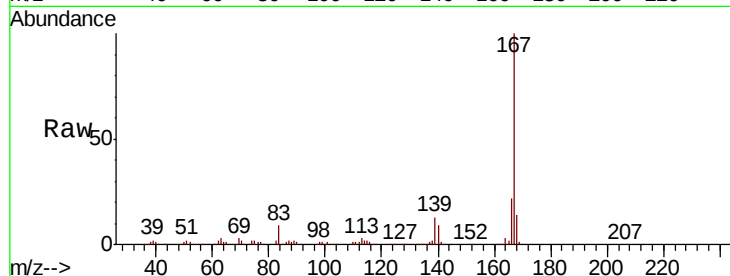




#73
 Carbazole
 Concen: 44.461 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

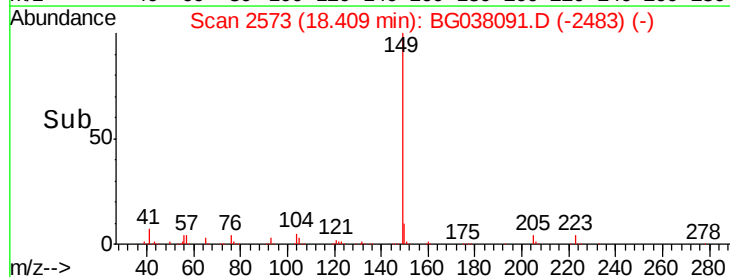
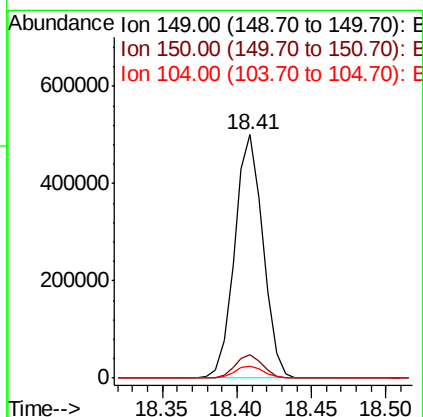
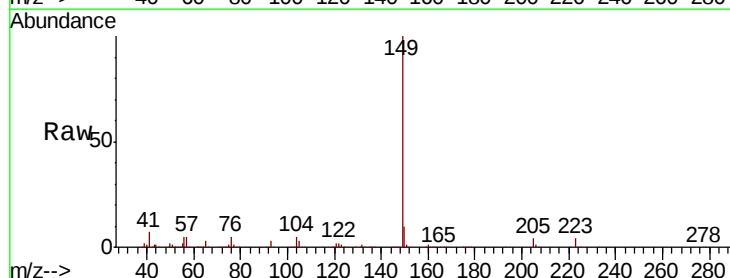
Instrument :
 BNA_G
 ClientSampleId :
 PB114970BS

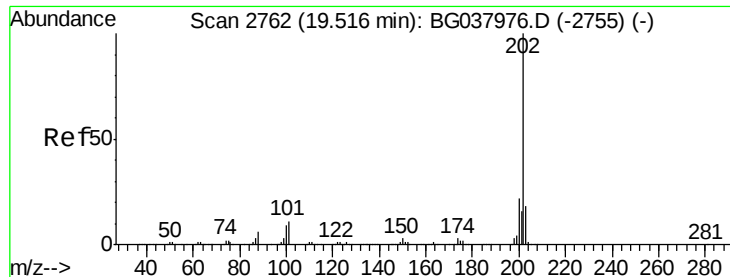
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.3	27.5
139	12.6	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 47.425 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 48.970 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

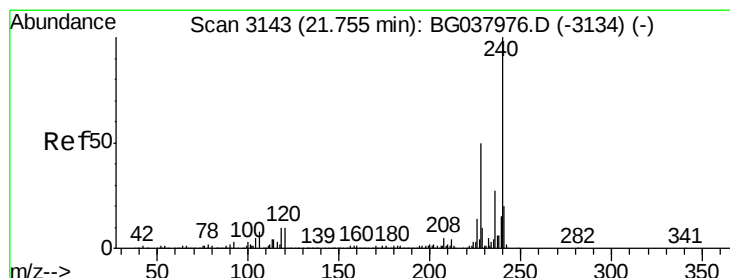
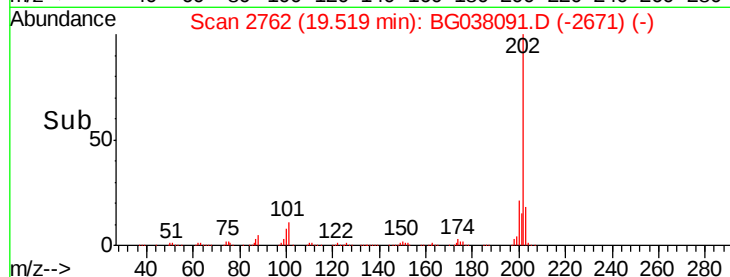
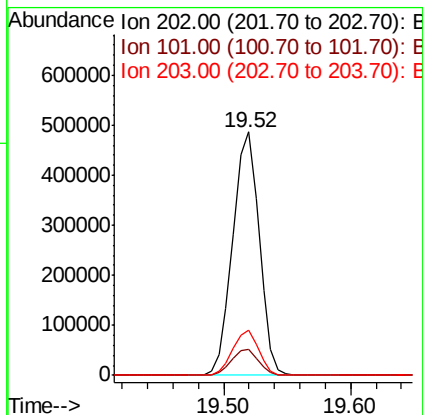
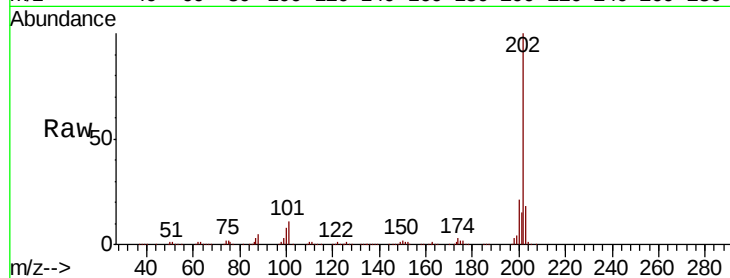
Instrument :

BNA_G

ClientSampleId :

PB114970BS

Tgt Ion:	202	Resp:	701219
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.7
203	18.3	0.0	38.5



#76

Chrysene-d12

Concen: 20.000 ng

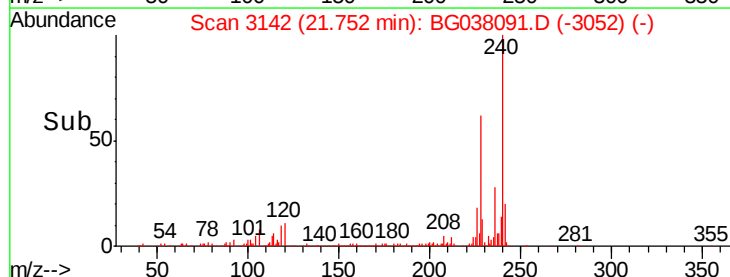
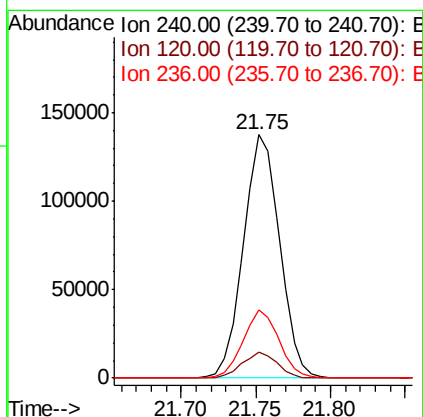
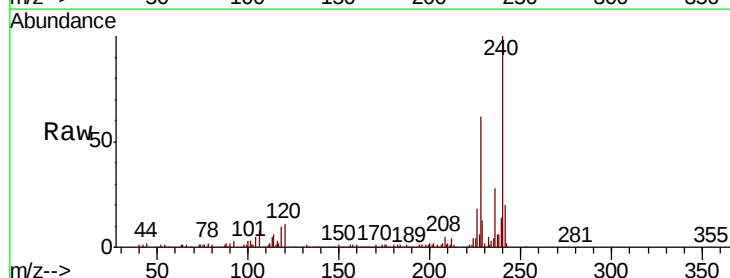
RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Tgt Ion:	240	Resp:	230829
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.1	12.1
236	27.9	21.4	32.0





#77

Benzidine

Concen: 39.934 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB114970BS

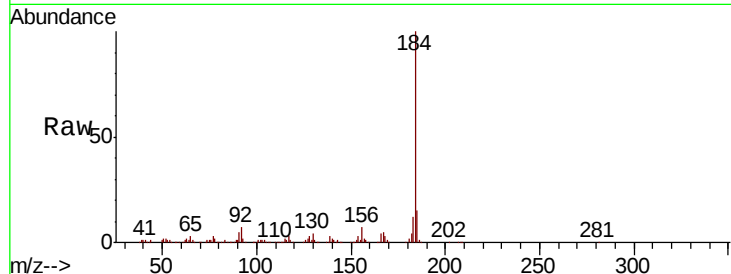
Tgt Ion:184 Resp: 323449

Ion Ratio Lower Upper

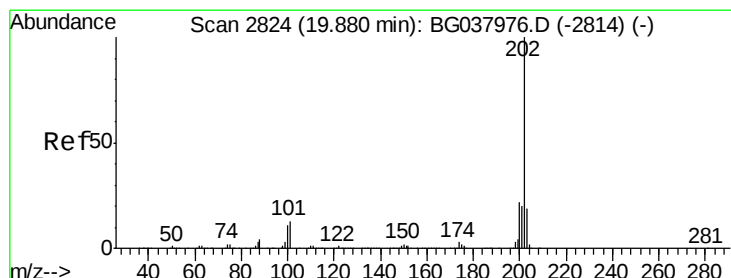
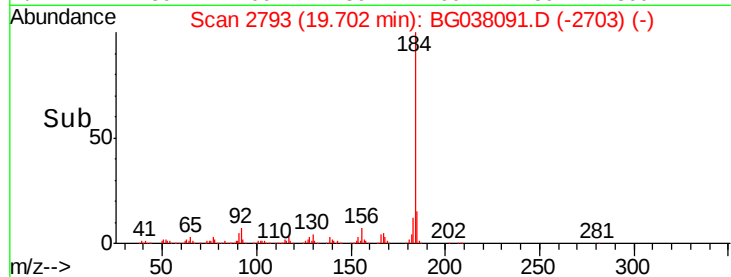
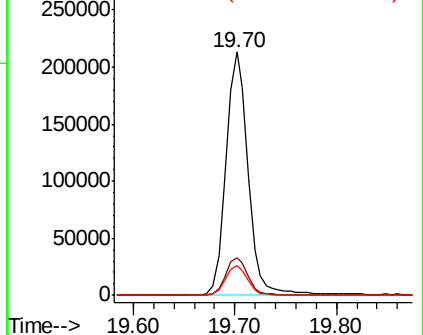
184 100

185 15.3 12.6 18.8

183 12.5 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.093 ng

RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

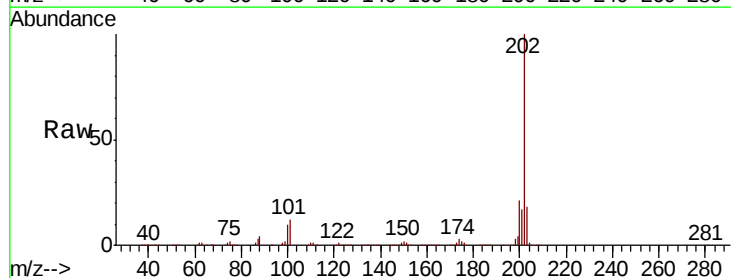
Tgt Ion:202 Resp: 710721

Ion Ratio Lower Upper

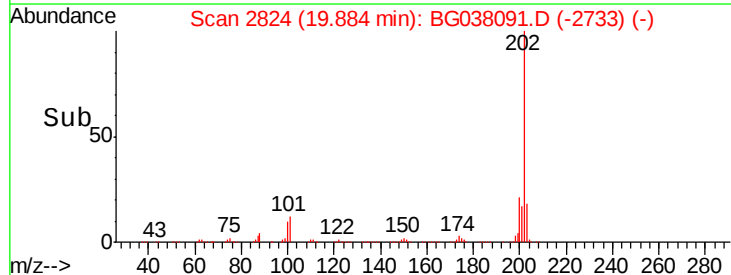
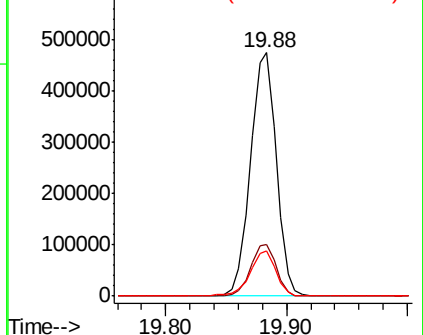
202 100

200 21.0 17.8 26.6

203 18.4 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.320 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB114970BS

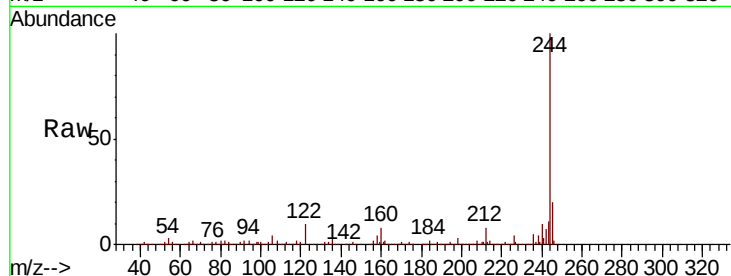
Tgt Ion:244 Resp: 738886

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

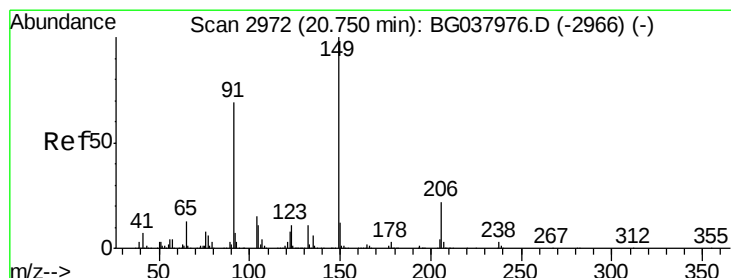
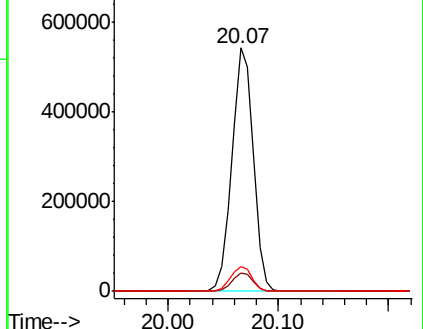
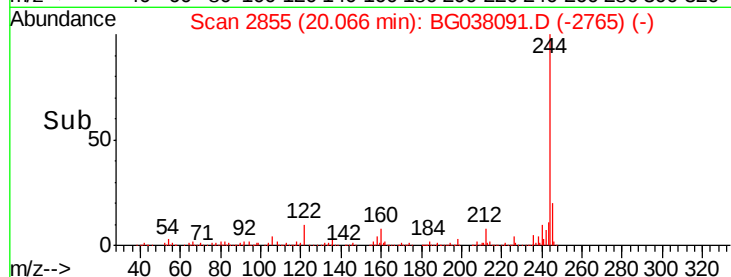
122 10.4 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.025 ng

RT: 20.75 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

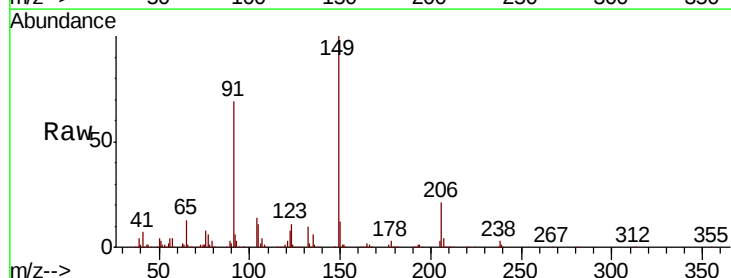
Tgt Ion:149 Resp: 310359

Ion Ratio Lower Upper

149 100

91 69.3 57.0 85.4

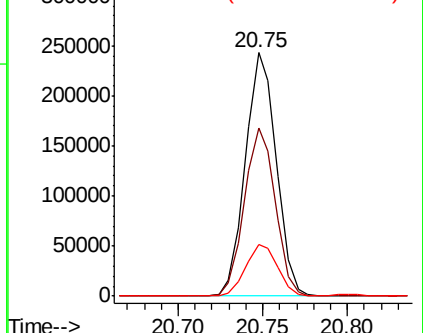
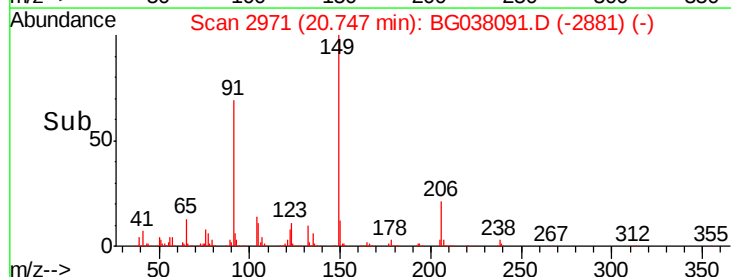
206 21.1 17.8 26.6

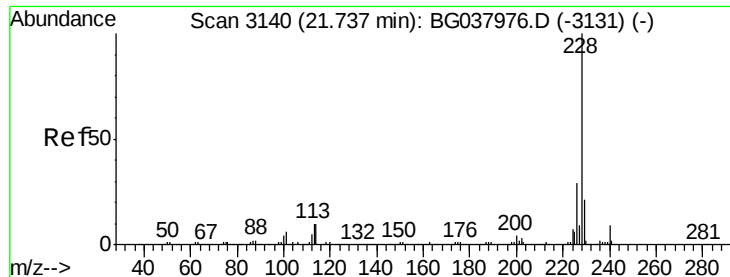


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.244 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB114970BS

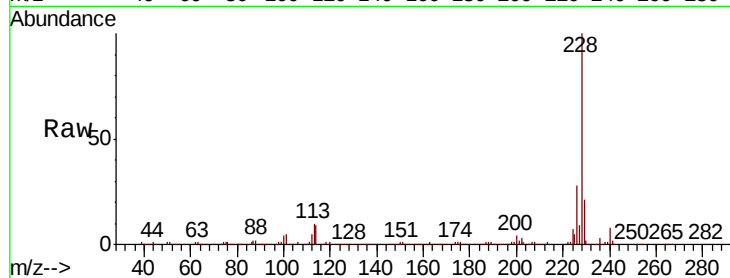
Tgt Ion:228 Resp: 672966

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

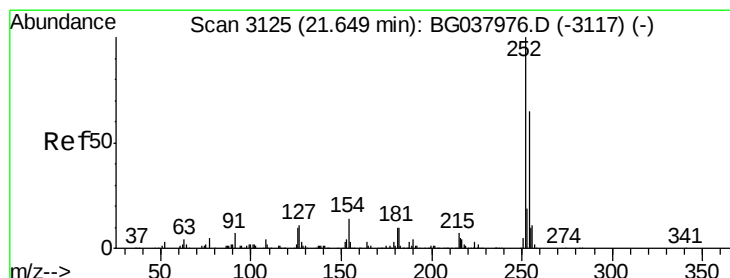
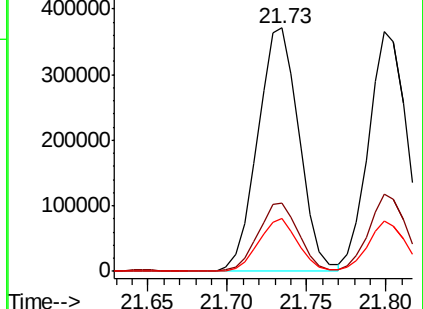
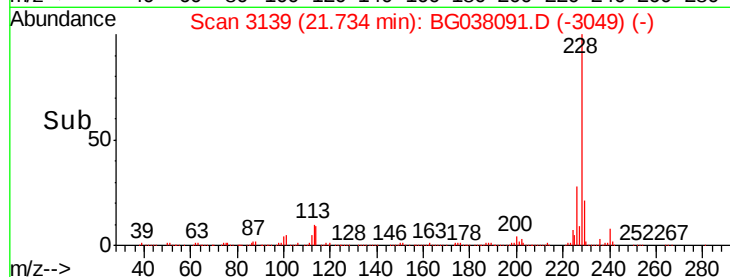
229 21.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.510 ng

RT: 21.65 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

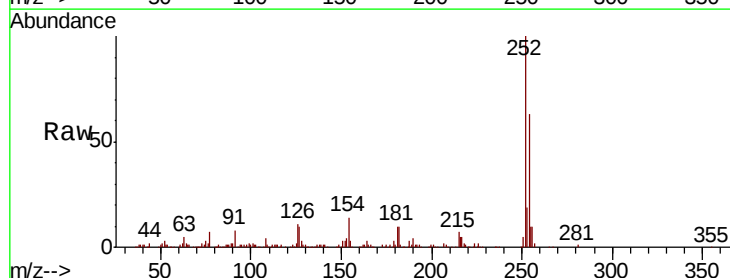
Tgt Ion:252 Resp: 176648

Ion Ratio Lower Upper

252 100

254 62.9 52.0 78.0

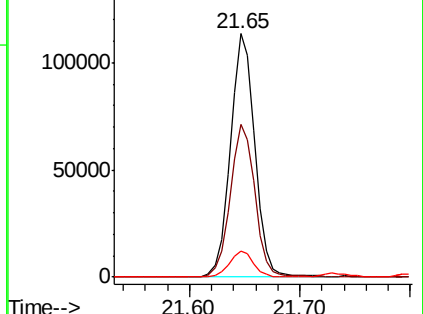
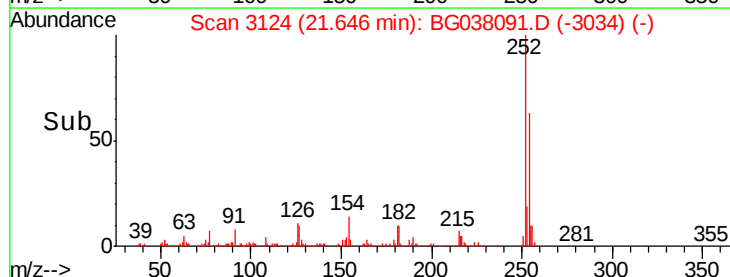
126 10.7 8.2 12.4

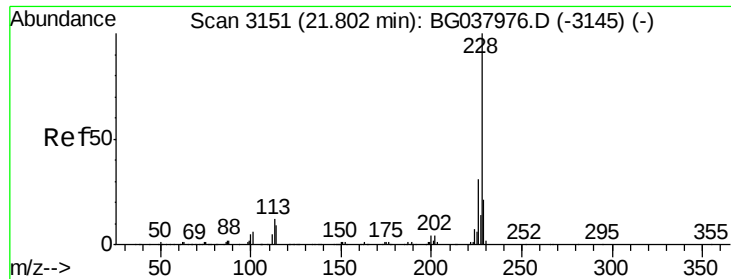


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.230 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB114970BS

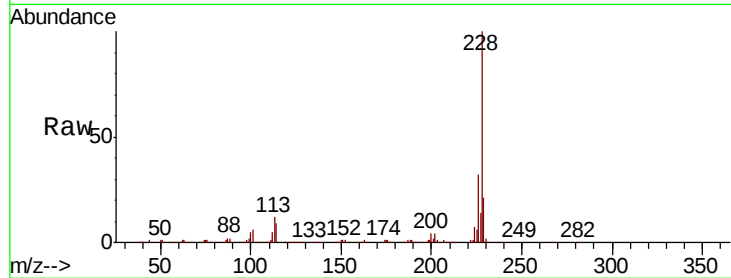
Tgt Ion:228 Resp: 617001

Ion Ratio Lower Upper

228 100

226 32.1 25.7 38.5

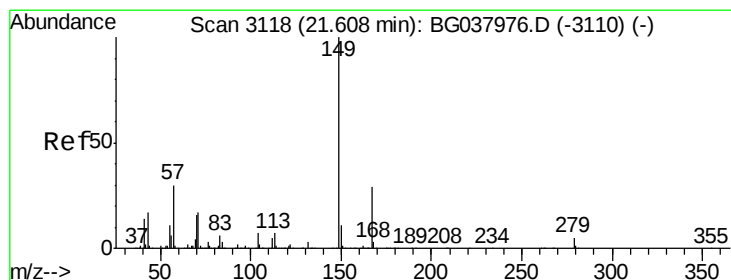
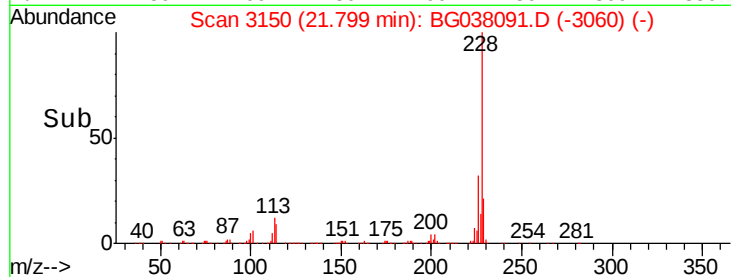
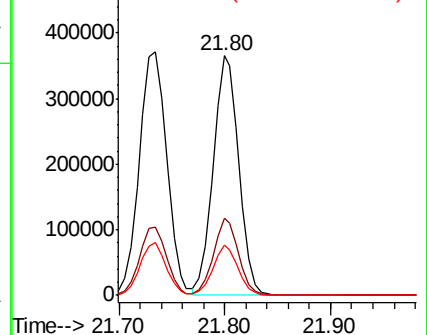
229 21.1 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.887 ng

RT: 21.60 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

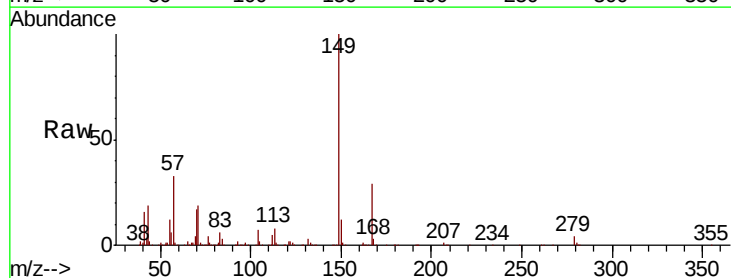
Tgt Ion:149 Resp: 431889

Ion Ratio Lower Upper

149 100

167 28.6 23.0 34.4

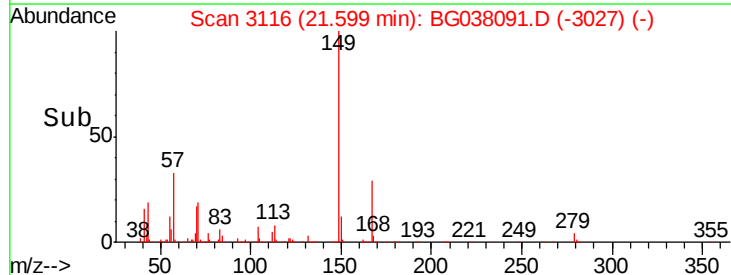
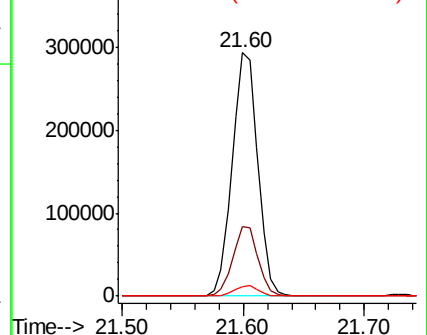
279 4.1 3.6 5.4

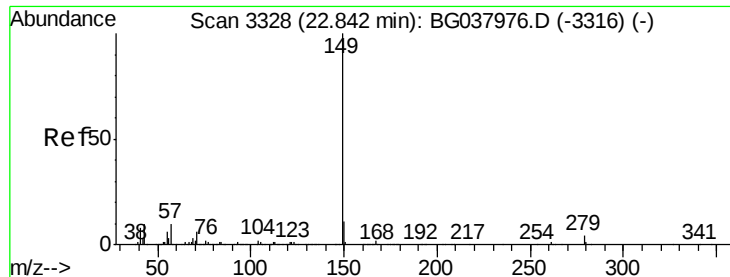


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.273 ng

RT: 22.84 min Scan# 3327

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB114970BS

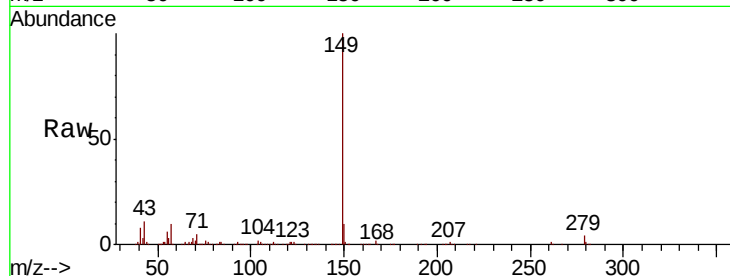
Tgt Ion:149 Resp: 750272

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

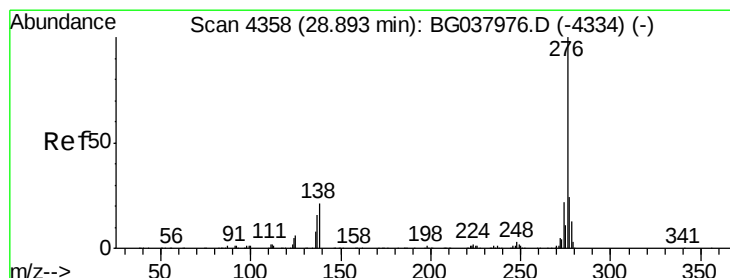
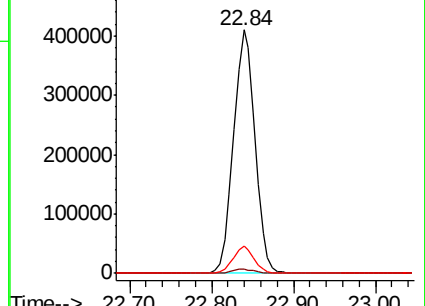
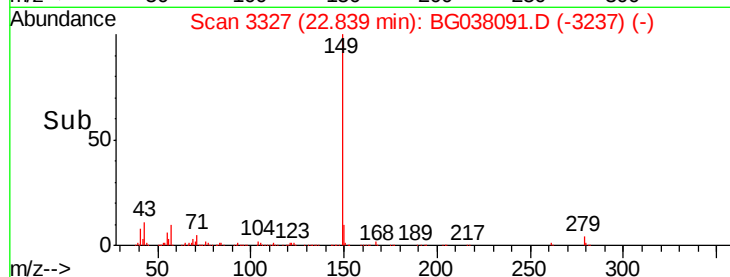
43 10.6 8.7 13.1



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: 49.838 ng

RT: 28.89 min Scan# 4357

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

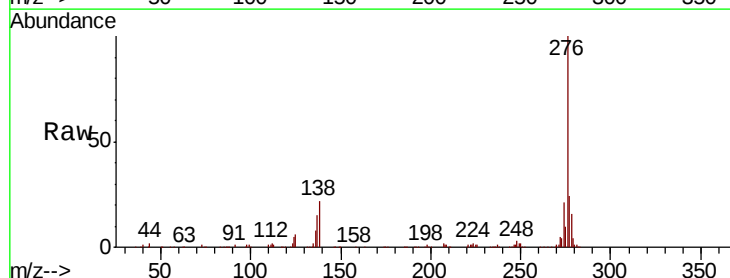
Tgt Ion:276 Resp: 738751

Ion Ratio Lower Upper

276 100

138 10.9 12.0 18.0#

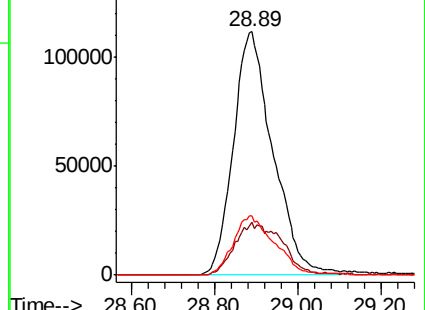
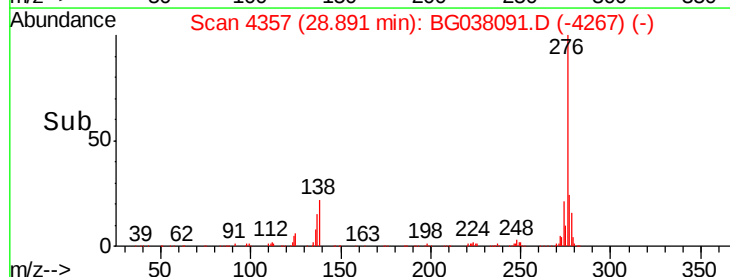
277 25.3 20.6 30.8

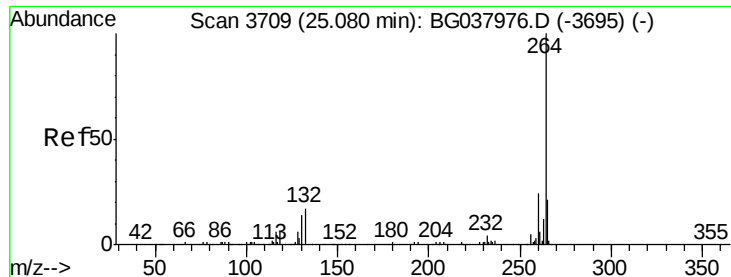


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



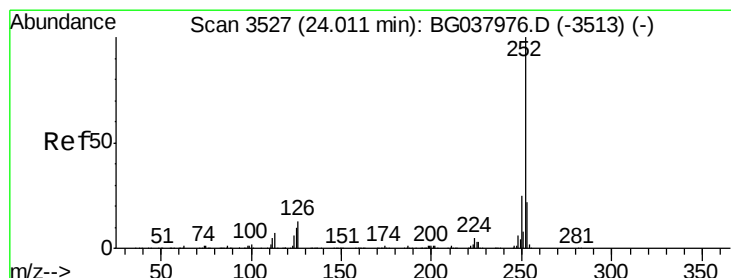
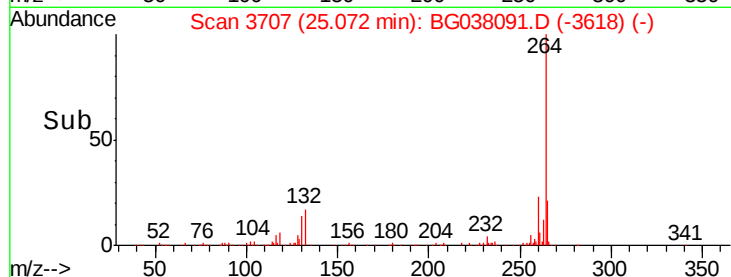
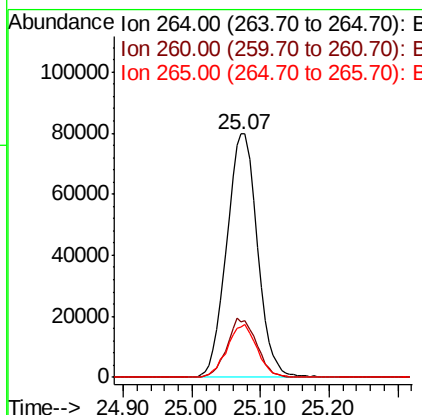
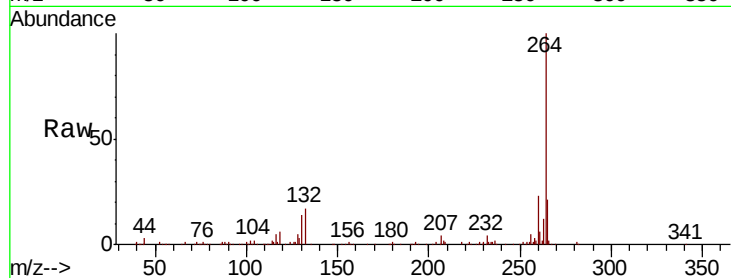


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tgt Ion: 264 Resp: 247621

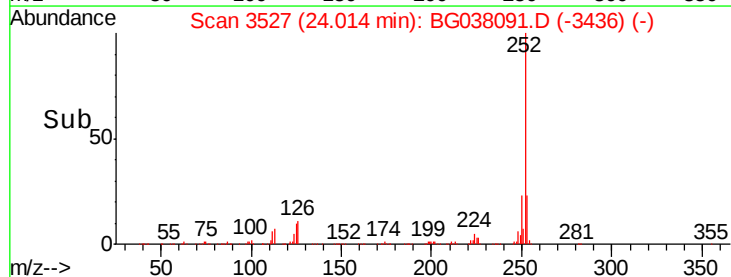
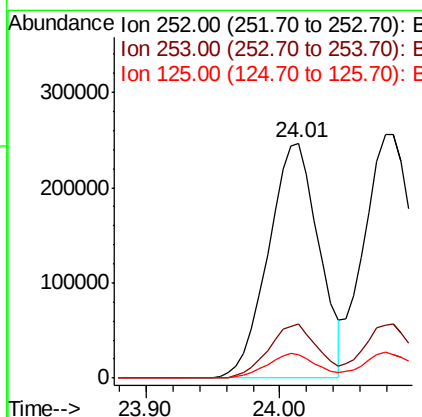
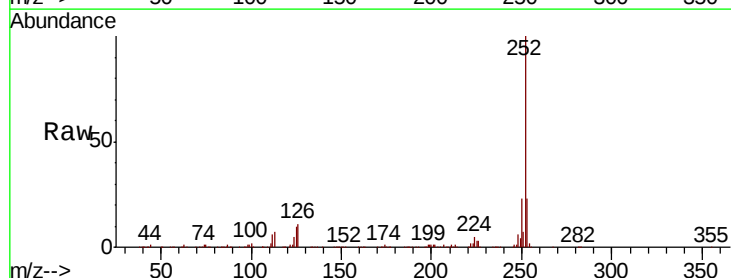
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	20.7	17.9	26.9



#88
Benzo(b)fluoranthene
Concen: 47.608 ng
RT: 24.01 min Scan# 3527
Delta R.T. 0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion: 252 Resp: 648740

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	10.2	7.8	11.6

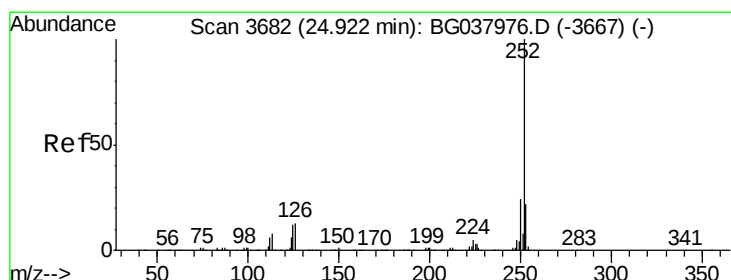
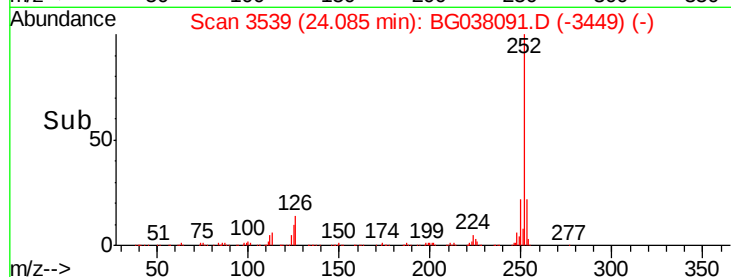
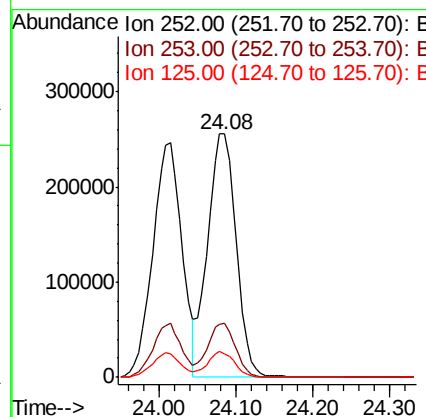
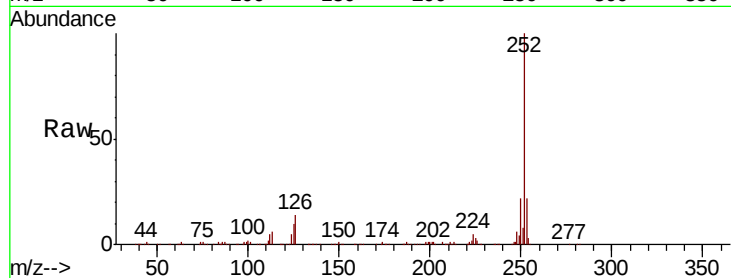




#89
Benzo(k)fluoranthene
Concen: 48.486 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

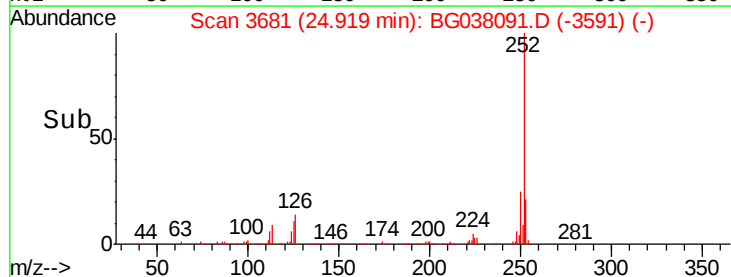
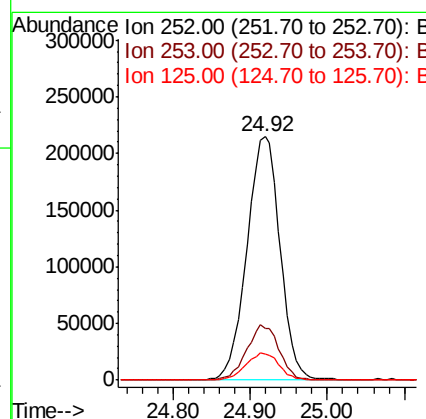
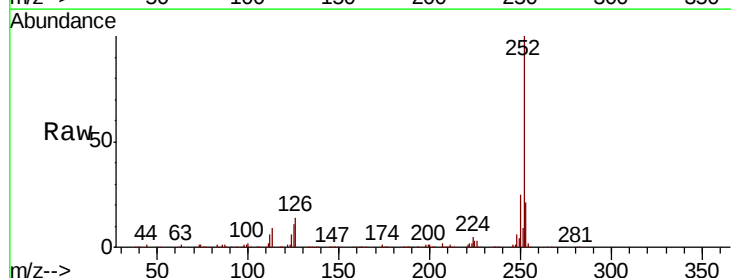
Instrument :
BNA_G
ClientSampleId :
PB114970BS

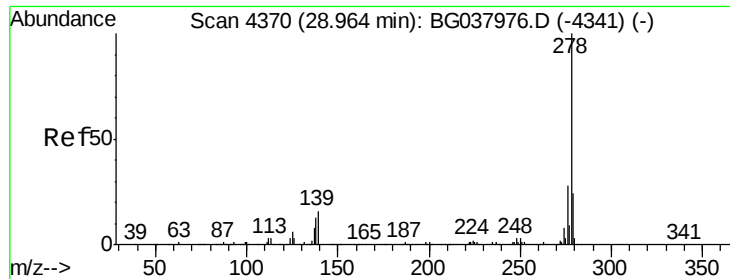
Tgt Ion:252 Resp: 651945
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 9.6 7.4 11.0



#90
Benzo(a)pyrene
Concen: 49.683 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion:252 Resp: 647007
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.2
125 10.9 9.0 13.6

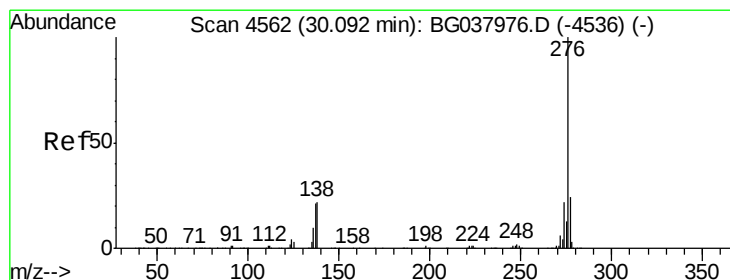
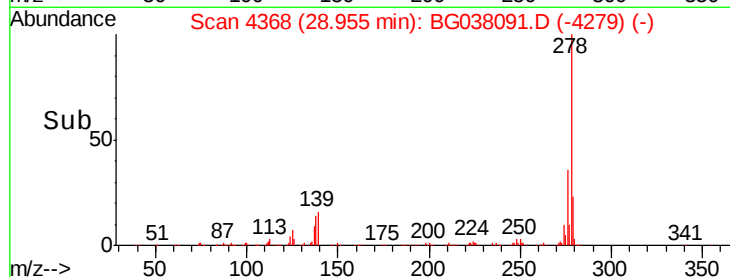
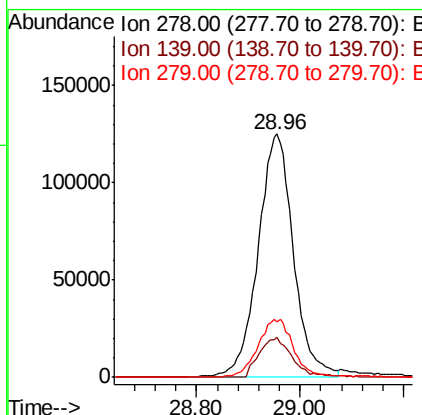
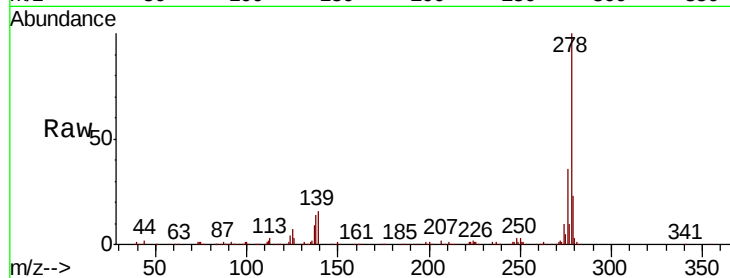




#91
Dibenzo(a,h)anthracene
Concen: 47.344 ng
RT: 28.96 min Scan# 4368
Delta R.T. -0.01 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	11.5	17.3
279	22.7	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 48.176 ng
RT: 30.09 min Scan# 4561
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	21.2	17.2	25.8

