

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037478.D
 Acq On : 23 Oct 2018 16:12
 Operator : JU/SJ
 Sample : PB114087BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 04:41:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	51748	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	238070	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	156957	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	384513	20.00	ng	0.00
76) Chrysene-d12	21.77	240	349734	20.00	ng	0.00
87) Perylene-d12	25.11	264	370265	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	495724	160.16	ng	0.00
7) Phenol-d6	7.25	99	701391	149.86	ng	0.00
23) Nitrobenzene-d5	9.29	82	326271	76.77	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	246268	143.86	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	786926	75.60	ng	0.00
79) Terphenyl-d14	20.09	244	1190860	72.76	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	49763	31.703	ng	97
3) Pyridine	3.93	79	146009	36.905	ng	95
4) n-Nitrosodimethylamine	3.85	42	67200	47.687	ng	# 93
6) Aniline	7.43	93	210462	36.860	ng	99
8) 2-Chlorophenol	7.67	128	165711	45.764	ng	99
9) Benzaldehyde	7.25	77	95568	32.642	ng	99
10) Phenol	7.28	94	218376	44.221	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	151588	40.416	ng	98
12) 1,3-Dichlorobenzene	7.99	146	160065	39.707	ng	99
13) 1,4-Dichlorobenzene	8.15	146	161668	39.207	ng	99
14) 1,2-Dichlorobenzene	8.46	146	156788	39.528	ng	99
15) Benzyl Alcohol	8.35	79	147193	42.562	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	281378	41.928	ng	99
17) 2-Methylphenol	8.53	107	147543	45.192	ng	96
18) Hexachloroethane	9.19	117	56888	40.468	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	126217	39.162	ng	95
20) 3+4-Methylphenols	8.86	107	204065	43.718	ng	98
22) Acetophenone	8.93	105	238735	39.985	ng	98
24) Nitrobenzene	9.33	77	179543	40.667	ng	94
25) Isophorone	9.84	82	355171	45.739	ng	96
26) 2-Nitrophenol	10.04	139	77875	39.155	ng	97
27) 2,4-Dimethylphenol	10.08	122	174704	49.197	ng	99
28) bis(2-Chloroethoxy)methane	10.33	93	218090	42.867	ng	97
29) 2,4-Dichlorophenol	10.57	162	171871	43.469	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	167043	38.850	ng	96
31) Naphthalene	10.98	128	507281	43.382	ng	100
32) Benzoic acid	10.20	122	93152	40.387	ng	99
33) 4-Chloroaniline	11.09	127	152526	27.761	ng	98
34) Hexachlorobutadiene	11.24	225	96269	37.777	ng	98
35) Caprolactam	11.87	113	30629	19.315	ng	96
36) 4-Chloro-3-methylphenol	12.19	107	187213	41.985	ng	99
37) 2-Methylnaphthalene	12.58	142	382091	44.825	ng	99
38) 1-Methylnaphthalene	12.79	142	365126	44.108	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	192567	38.036	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	230842	95.455	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	142094	42.011	ng	95
44) 2,4,5-Trichlorophenol	13.24	196	155964	42.352	ng	97
46) 1,1'-Biphenyl	13.58	154	493255	37.946	ng	99
47) 2-Chloronaphthalene	13.62	162	390575	39.716	ng	99
48) 2-Nitroaniline	13.83	65	123571	41.436	ng	94
49) Acenaphthylene	14.47	152	657387	44.438	ng	100
50) Dimethylphthalate	14.19	163	514388	42.363	ng	100
51) 2,6-Dinitrotoluene	14.32	165	112564	41.905	ng	99
52) Acenaphthene	14.80	154	374578	41.114	ng	100
53) 3-Nitroaniline	14.65	138	99826	33.476	ng	# 97
54) 2,4-Dinitrophenol	14.85	184	84532	74.370	ng	93
55) Dibenzofuran	15.14	168	607954	40.276	ng	99
56) 4-Nitrophenol	14.94	139	273904	124.091	ng	97
57) 2,4-Dinitrotoluene	15.10	165	158391	44.920	ng	# 96
58) Fluorene	15.79	166	495781	43.860	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	135729	43.047	ng	98
60) Diethylphthalate	15.54	149	529416	42.468	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	259793	39.431	ng	99
62) 4-Nitroaniline	15.81	138	130990	44.207	ng	93
63) Azobenzene	16.07	77	503414	42.325	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	71013	37.464	ng	95
66) n-Nitrosodiphenylamine	15.99	169	456277	39.449	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	160738	38.066	ng	99
68) Hexachlorobenzene	16.78	284	162313	37.089	ng	98
69) Atrazine	16.93	200	170266	40.716	ng	98
70) Pentachlorophenol	17.12	266	194018	66.186	ng	96
71) Phenanthrene	17.53	178	826997	42.319	ng	99
72) Anthracene	17.62	178	842099	43.910	ng	98
73) Carbazole	17.89	167	774050	40.350	ng	99
74) Di-n-butylphthalate	18.43	149	913488	42.806	ng	99
75) Fluoranthene	19.53	202	980014	44.216	ng	99
77) Benzidine	19.72	184	486104	40.877	ng	99
78) Pyrene	19.90	202	966735	42.285	ng	100
80) Butylbenzylphthalate	20.77	149	407443	43.545	ng	100
81) Benzo(a)anthracene	21.75	228	901679	43.588	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	243733	30.397	ng	98
83) Chrysene	21.82	228	844504	42.456	ng	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	573556	43.731	ng	100
85) Di-n-octyl phthalate	22.88	149	957377	44.764	ng	99
86) Indeno(1,2,3-cd)pyrene	28.93	276	936274	43.885	ng	# 96
88) Benzo(b)fluoranthene	24.04	252	879528	43.328	ng	99
89) Benzo(k)fluoranthene	24.11	252	848764	42.677	ng	98
90) Benzo(a)pyrene	24.95	252	850149	44.074	ng	99
91) Dibenzo(a,h)anthracene	29.02	278	761705	42.810	ng	98
92) Benzo(g,h,i)perylene	30.14	276	781205	43.398	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA_G

ClientSampleId :

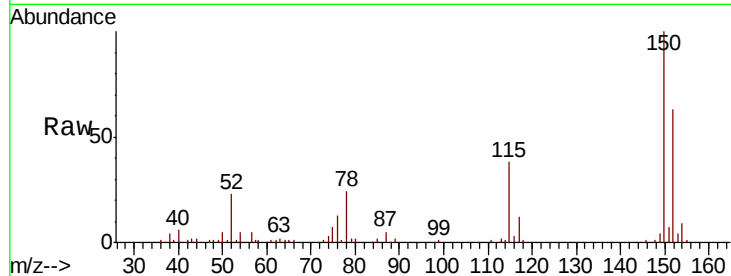
Tot Ion:152 Resp: 51748

Ion Ratio Lower Upper

152 100

150 159.8 126.0 189.0

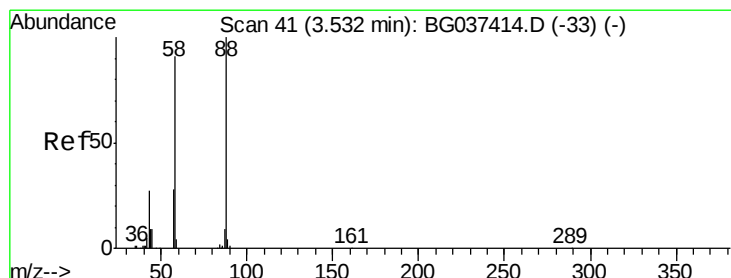
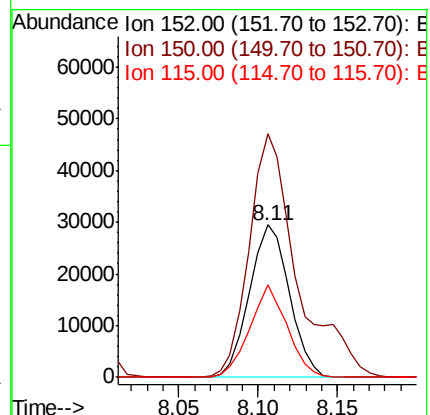
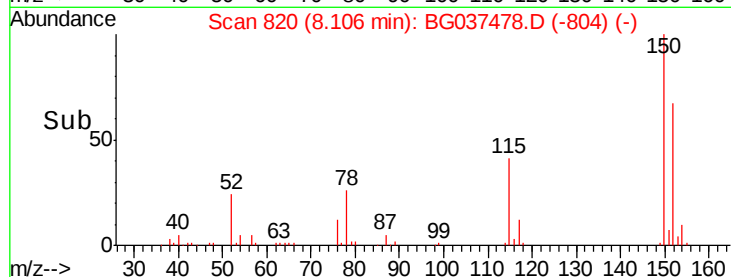
115 60.6 45.5 68.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.703 ng

RT: 3.53 min Scan# 41

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

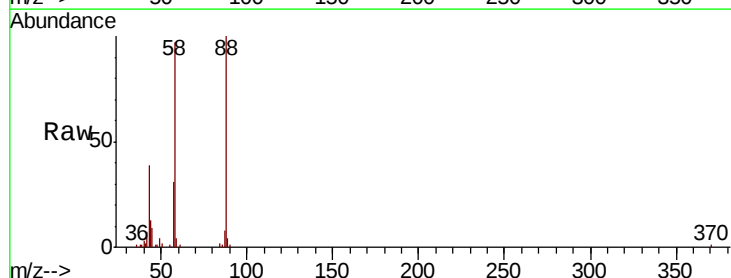
Tgt Ion: 88 Resp: 49763

Ion Ratio Lower Upper

88 100

58 89.3 74.4 111.6

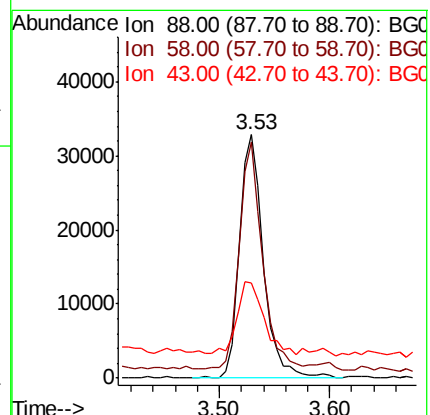
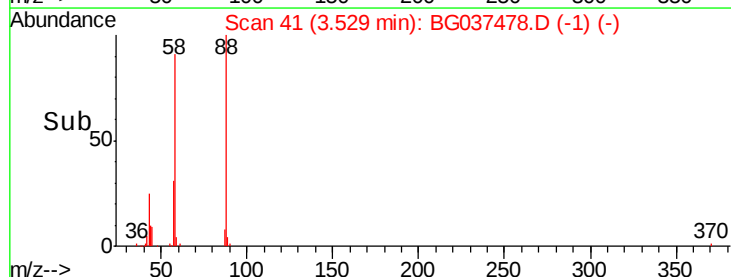
43 32.4 25.8 38.8

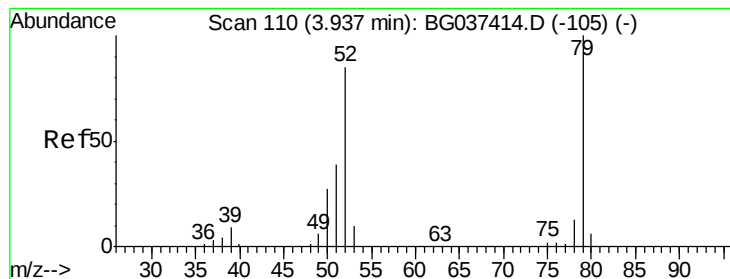


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.905 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA_G

ClientSampled :

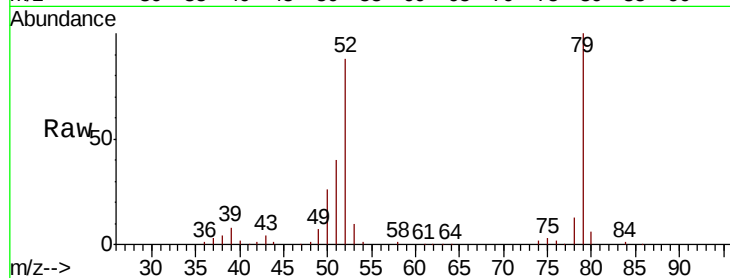
Tot Ion: 79 Resp: 146009

Ion Ratio Lower Upper

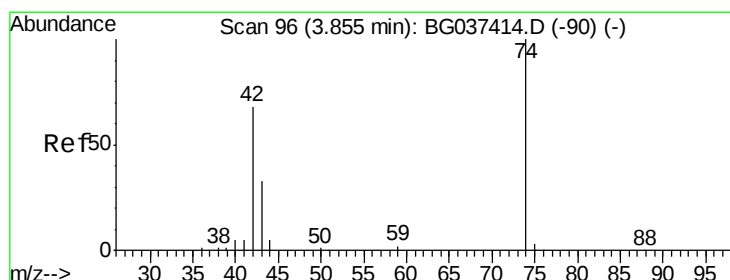
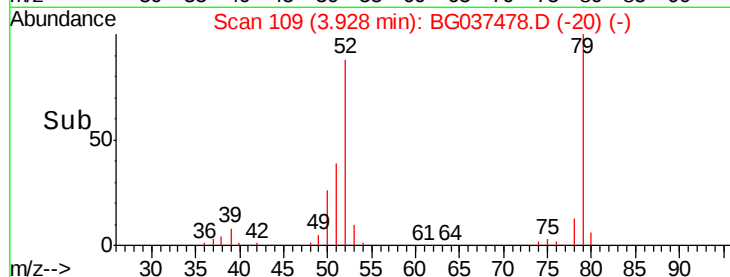
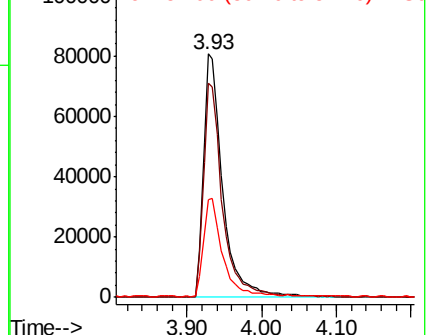
79 100

52 87.9 74.2 111.2

51 40.1 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: 47.687 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

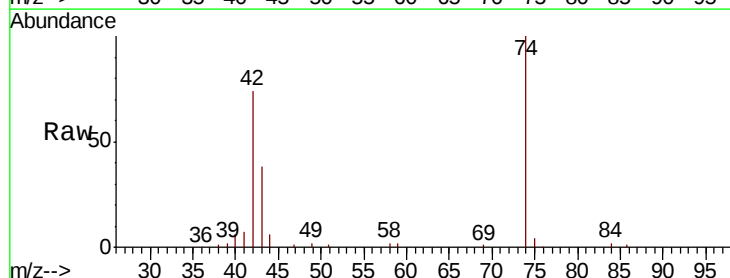
Tgt Ion: 42 Resp: 67200

Ion Ratio Lower Upper

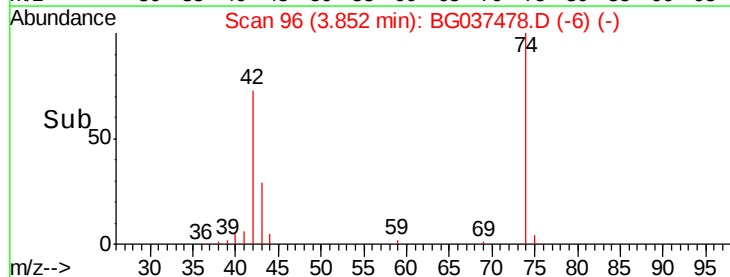
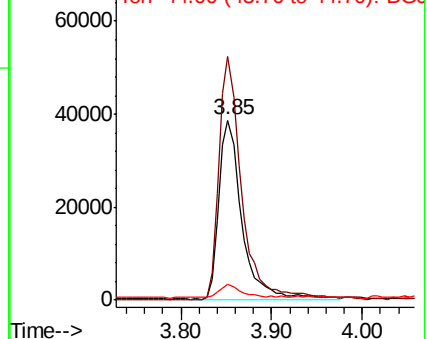
42 100

74 135.4 102.0 153.0

44 8.6 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: 160.156 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA_G

ClientSampleId :

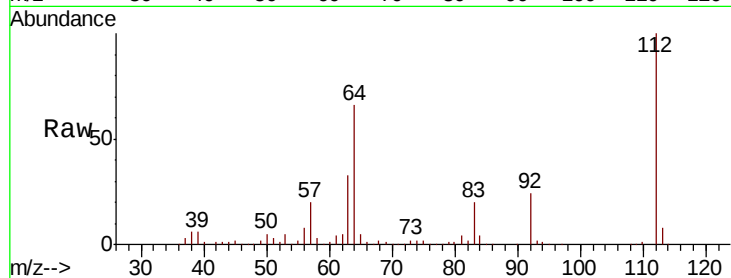
Tot Ion:112 Resp: 495724

Ion Ratio Lower Upper

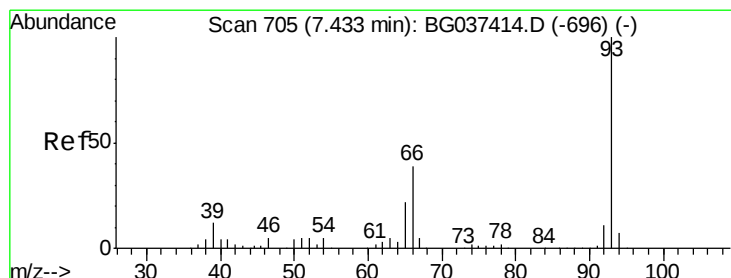
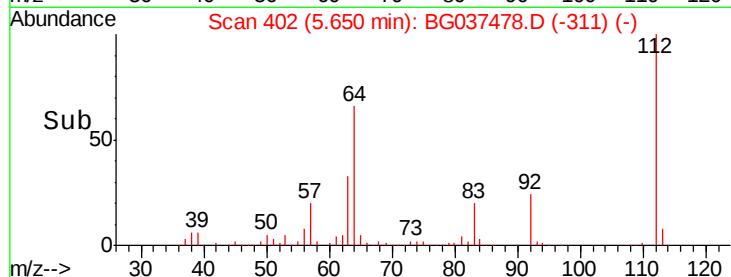
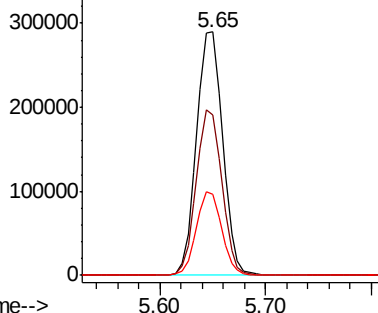
112 100

64 65.9 53.1 79.7

63 33.2 27.3 40.9



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



#6

Aniline

Concen: 36.860 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

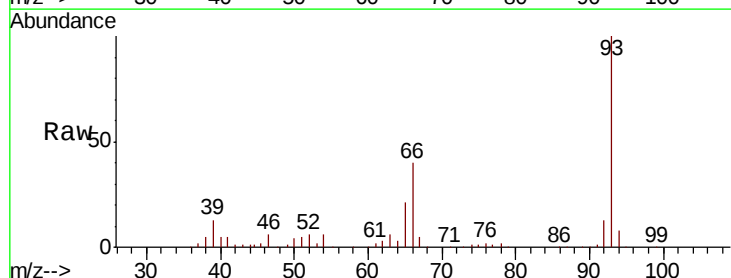
Tgt Ion: 93 Resp: 210462

Ion Ratio Lower Upper

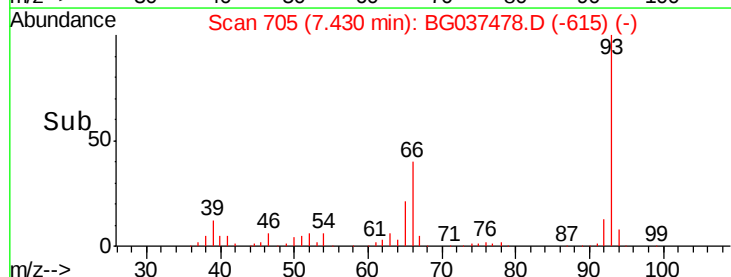
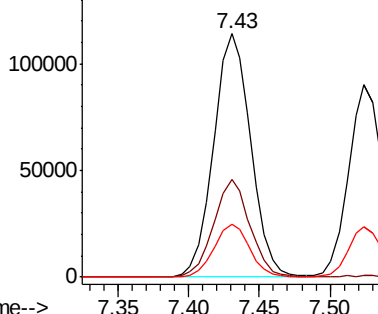
93 100

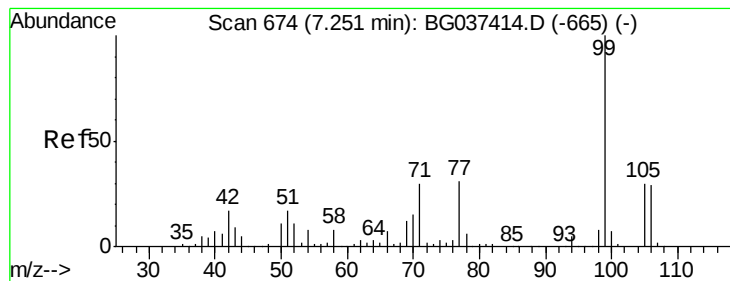
66 40.3 32.8 49.2

65 21.5 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 149.857 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA_G

ClientSampled :

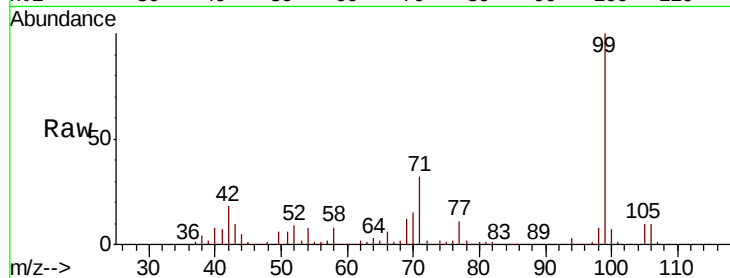
Tot Ion: 99 Resp: 701391

Ion Ratio Lower Upper

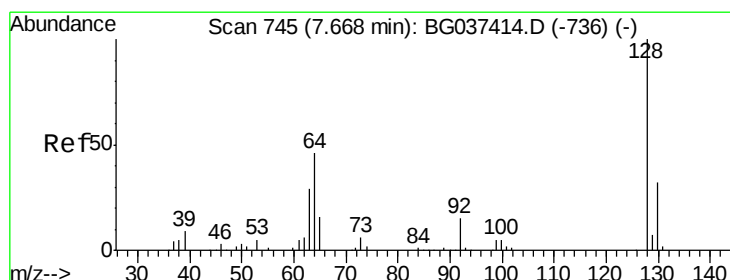
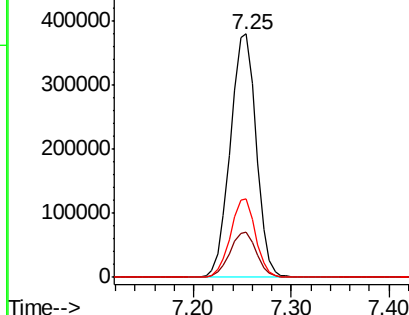
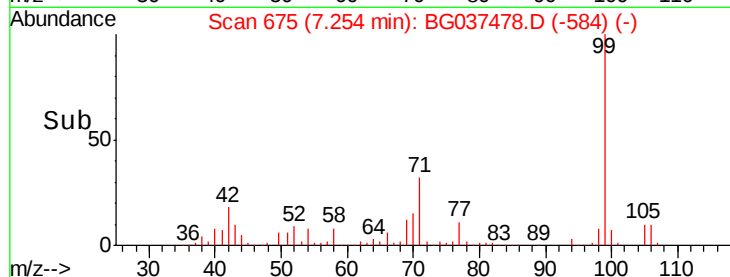
99 100

42 18.5 15.0 22.4

71 32.1 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: 45.764 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

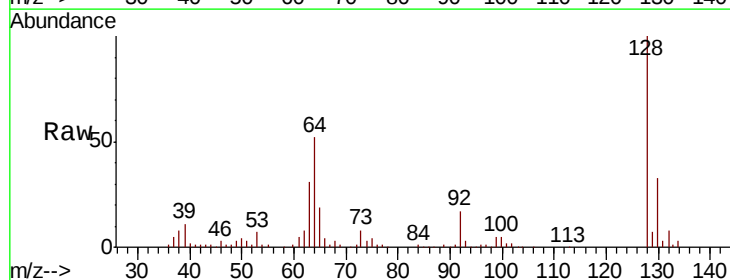
Tgt Ion:128 Resp: 165711

Ion Ratio Lower Upper

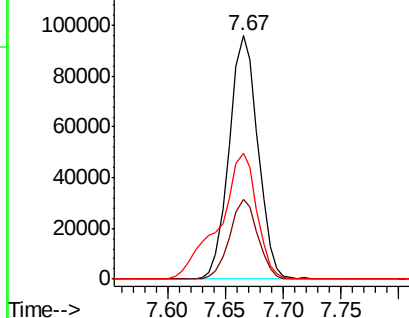
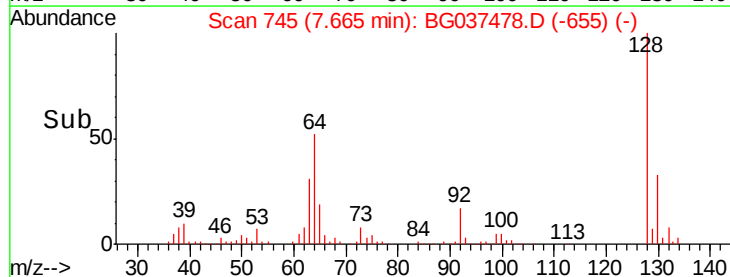
128 100

130 32.7 12.0 52.0

64 51.9 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: 32.642 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA_G

ClientSampleId :

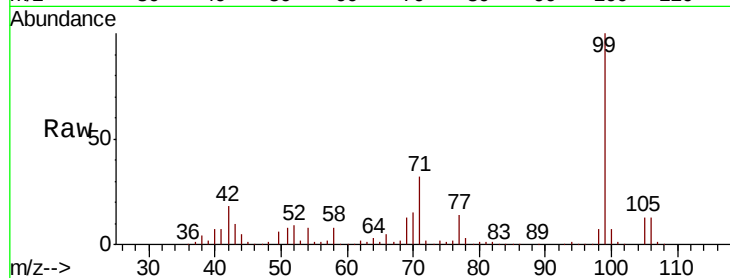
Tot Ion: 77 Resp: 95568

Ion Ratio Lower Upper

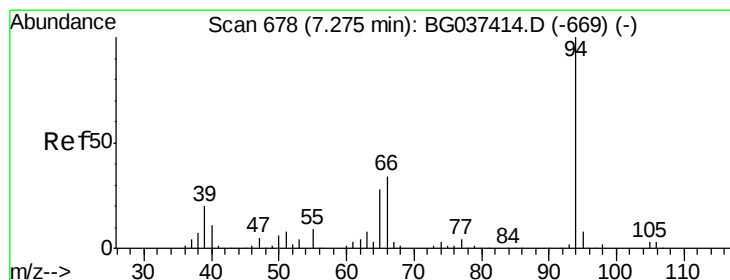
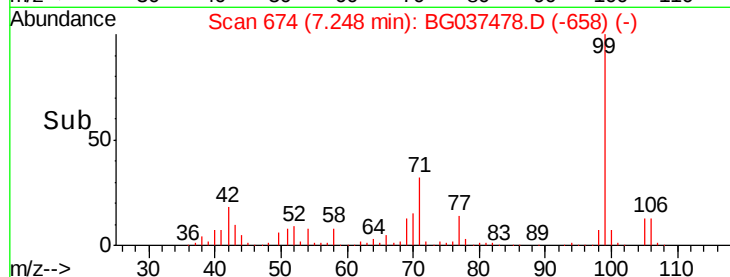
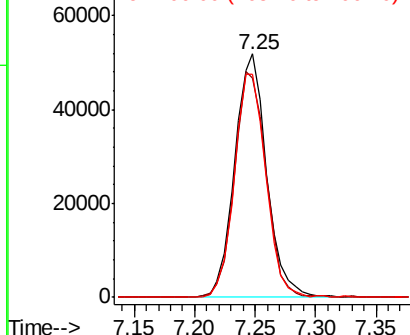
77 100

105 90.2 72.6 112.6

106 91.5 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: 44.221 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

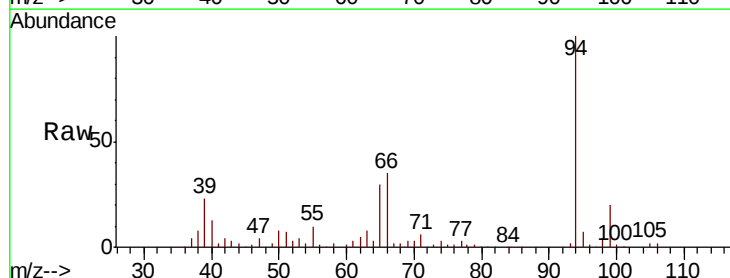
Tgt Ion: 94 Resp: 218376

Ion Ratio Lower Upper

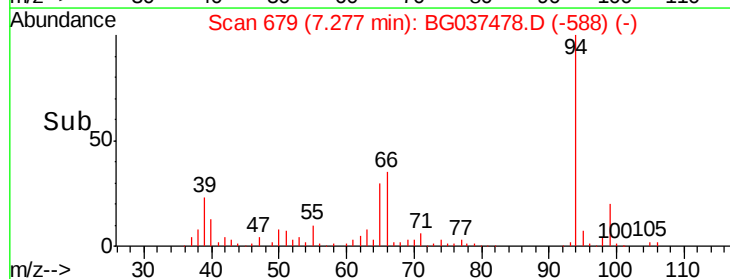
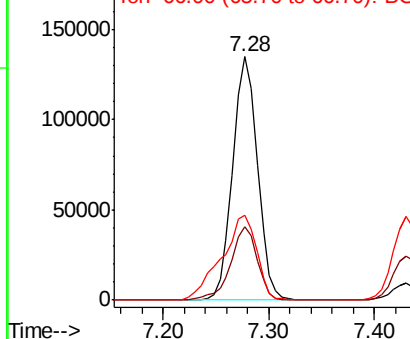
94 100

65 30.0 9.7 49.7

66 35.0 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



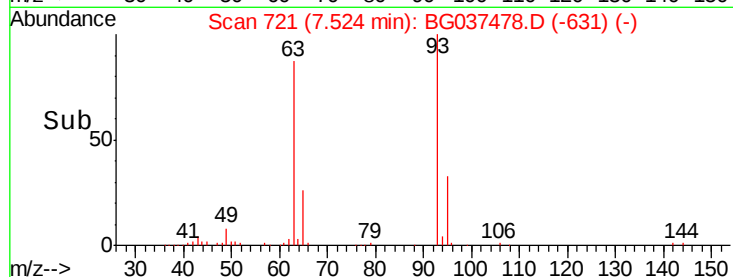
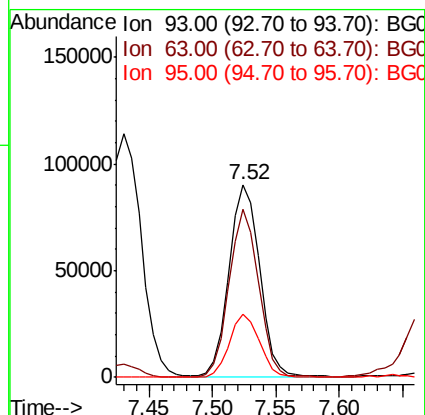
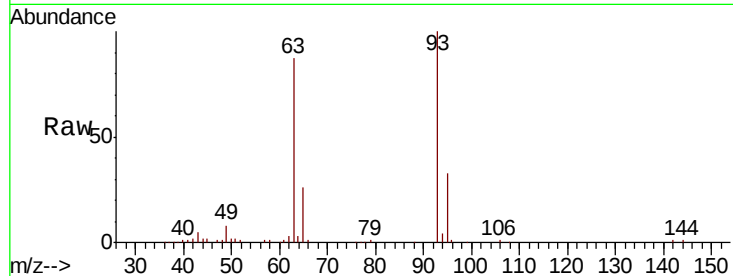


#11
 bis(2-Chloroethyl)ether
 Concen: 40.416 ng
 RT: 7.52 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BG037478.D
 Acq: 23 Oct 2018 16:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 151588

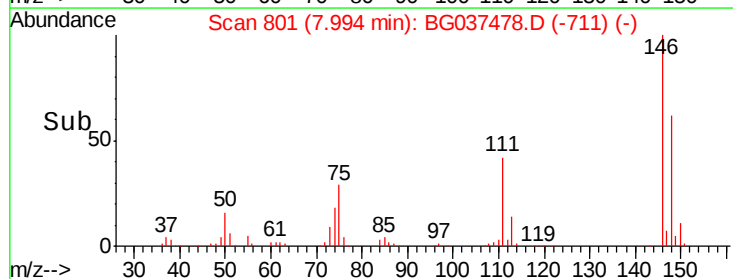
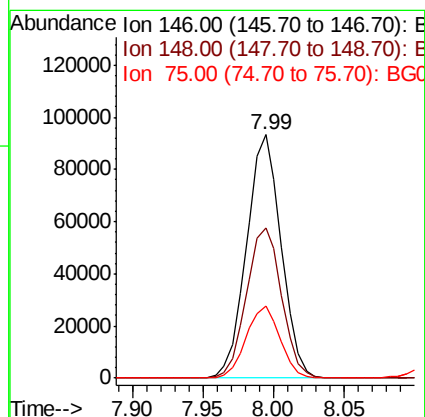
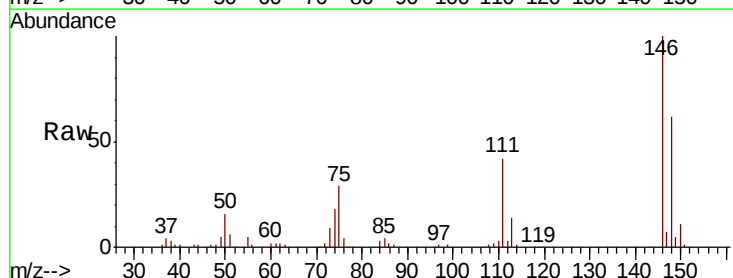
Ion	Ratio	Lower	Upper
93	100		
63	87.4	69.5	109.5
95	32.9	12.6	52.6

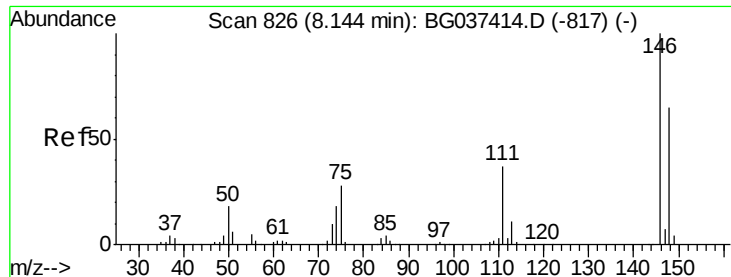


#12
 1,3-Dichlorobenzene
 Concen: 39.707 ng
 RT: 7.99 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BG037478.D
 Acq: 23 Oct 2018 16:12

Tgt Ion: 146 Resp: 160065

Ion	Ratio	Lower	Upper
146	100		
148	61.9	49.8	74.8
75	29.4	23.2	34.8

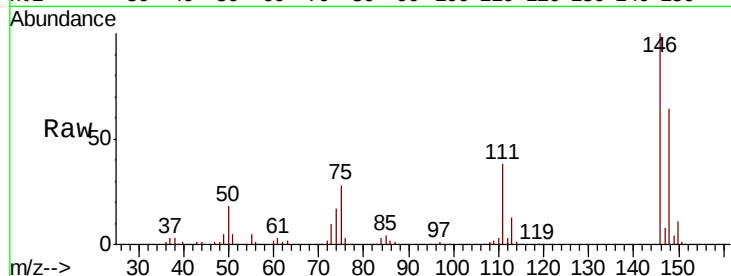




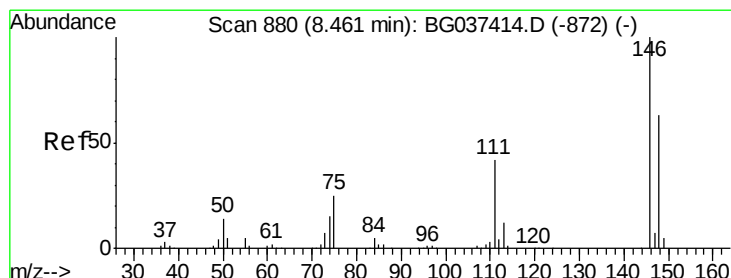
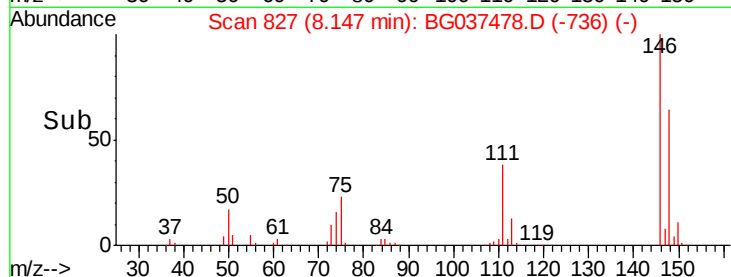
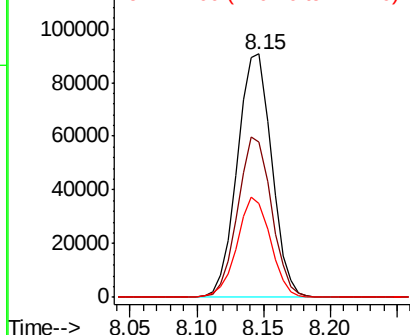
#13
 1,4-Dichlorobenzene
 Concen: 39.207 ng
 RT: 8.15 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BG037478.D
 Acq: 23 Oct 2018 16:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 161668
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.6
 111 38.3 32.4 48.6

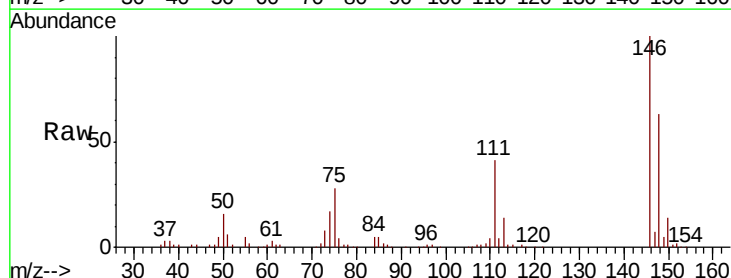


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

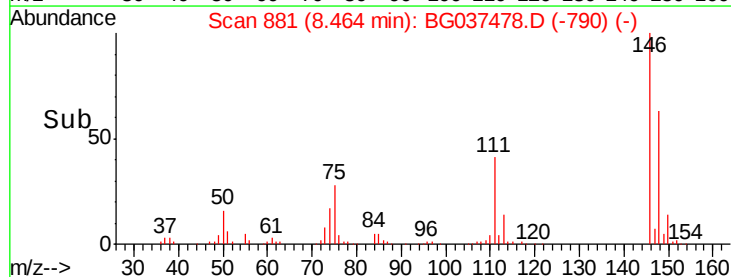
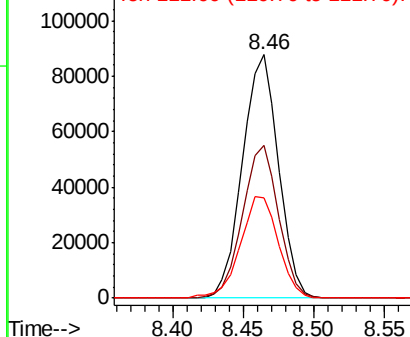


#14
 1,2-Dichlorobenzene
 Concen: 39.528 ng
 RT: 8.46 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BG037478.D
 Acq: 23 Oct 2018 16:12

Tgt Ion:146 Resp: 156788
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.4 75.6
 111 41.2 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 42.562 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA_G

ClientSampleId :

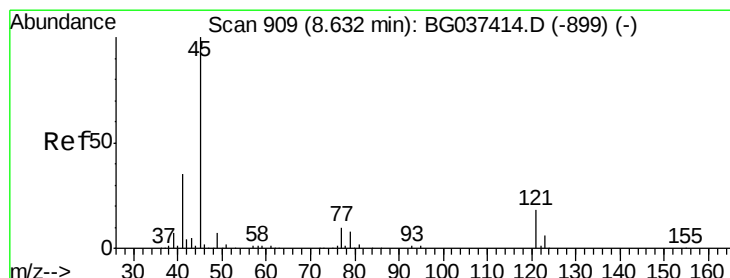
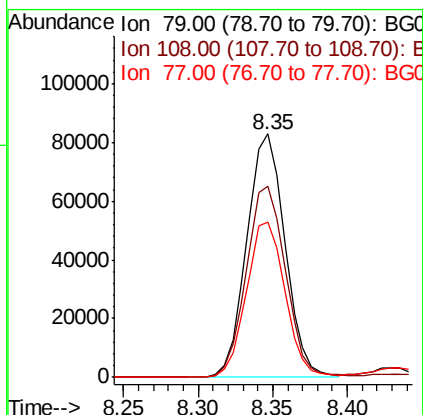
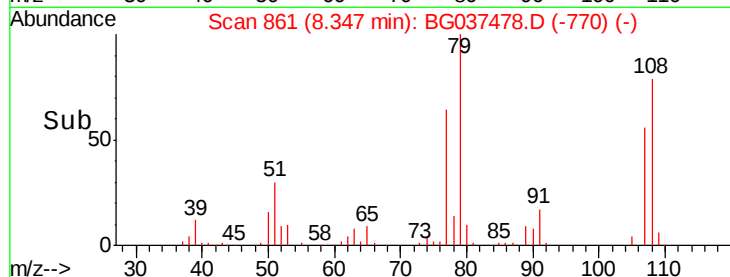
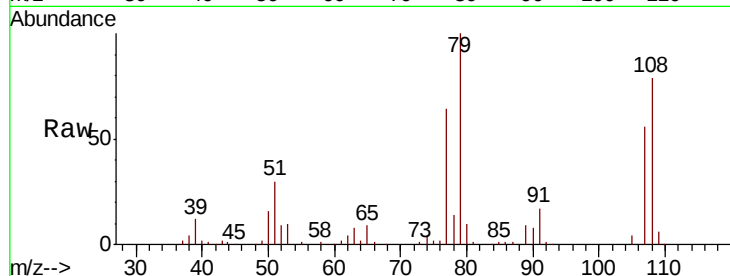
Tot Ion: 79 Resp: 147193

Ion Ratio Lower Upper

79 100

108 78.5 65.8 98.8

77 63.8 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.928 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

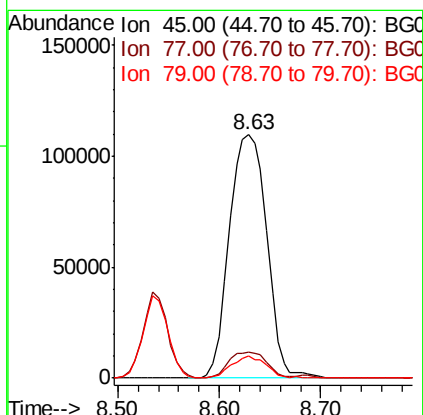
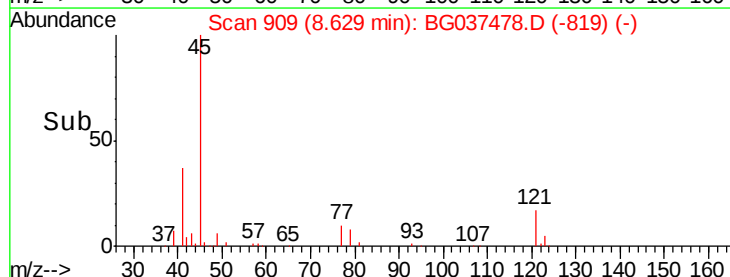
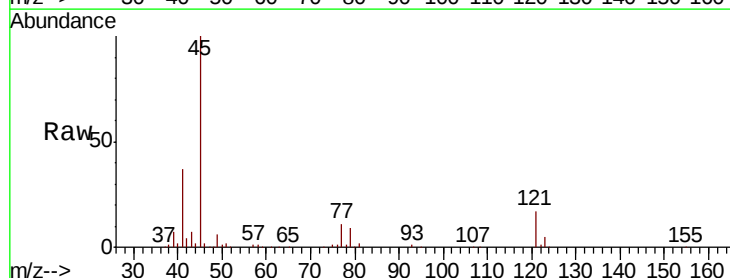
Tgt Ion: 45 Resp: 281378

Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.0

79 8.8 0.0 29.0

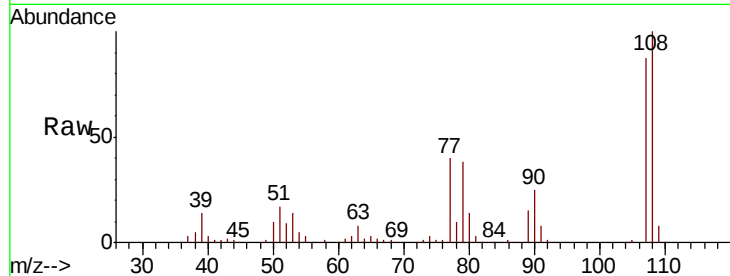




#17
2-Methylphenol
Concen: 45.192 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	87.9	131.9
77	46.3	35.1	52.7
79	44.1	34.5	51.7



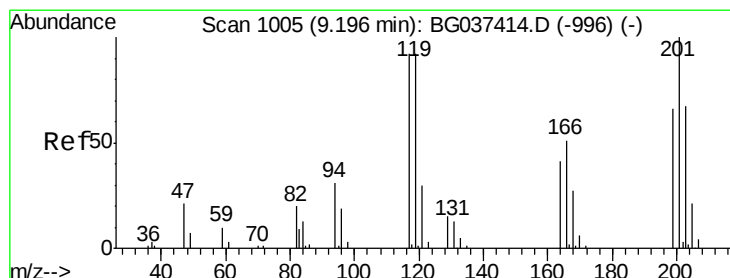
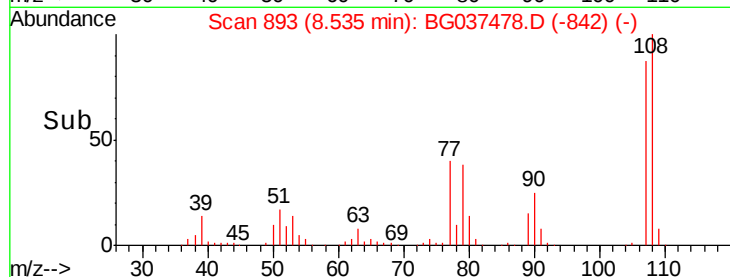
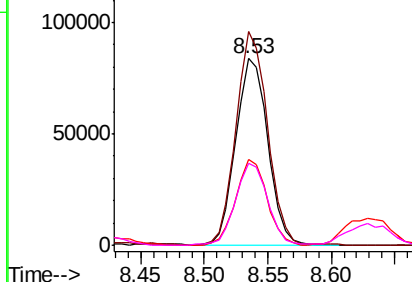
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

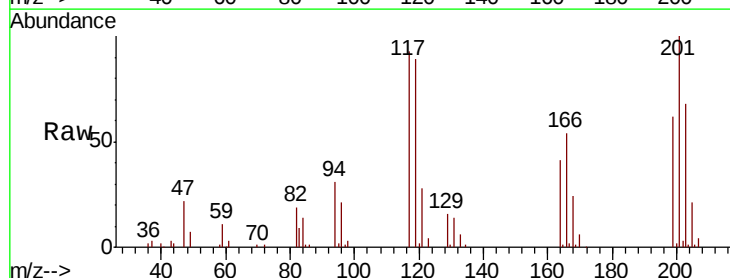
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 40.468 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	74.6	111.8
201	107.6	80.8	121.2

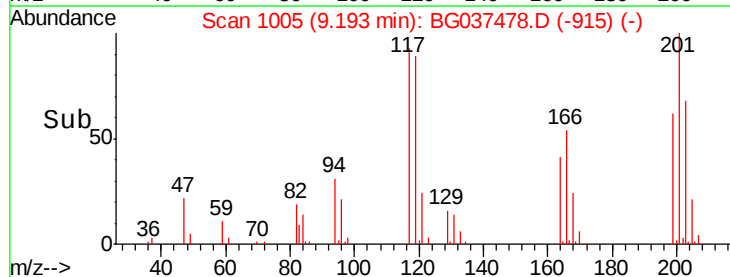
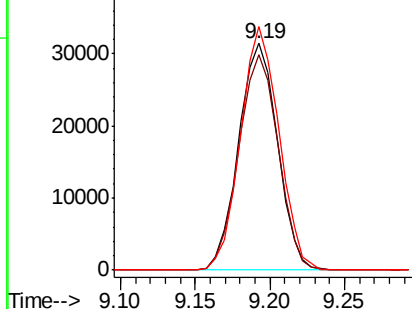


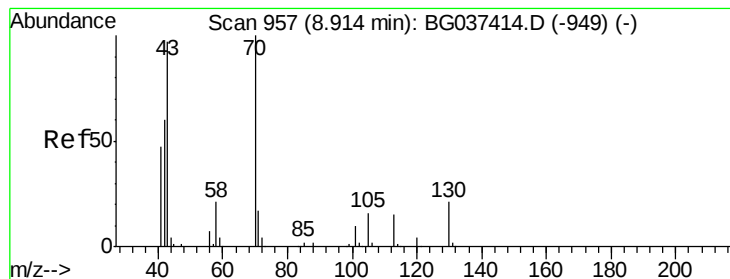
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.162 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 126217

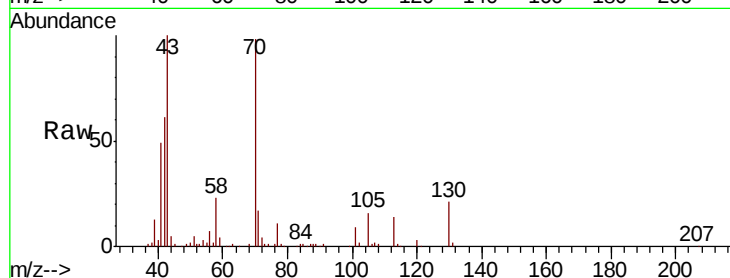
Ion Ratio Lower Upper

70 100

42 62.1 53.9 80.9

101 9.2 8.2 12.2

130 21.2 18.2 27.4

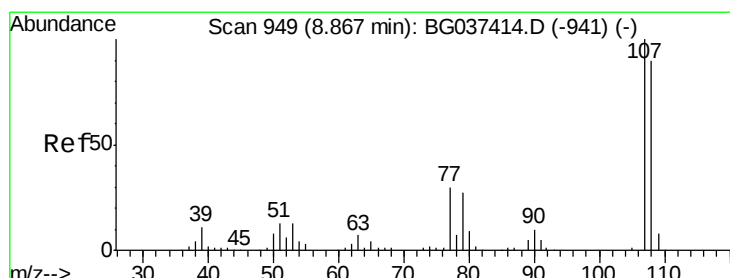
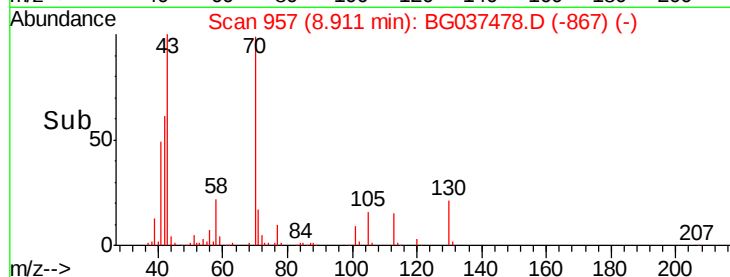
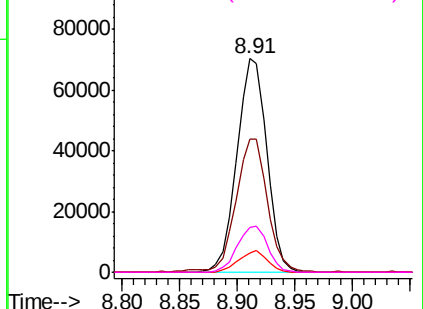


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 43.718 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Tgt Ion: 107 Resp: 204065

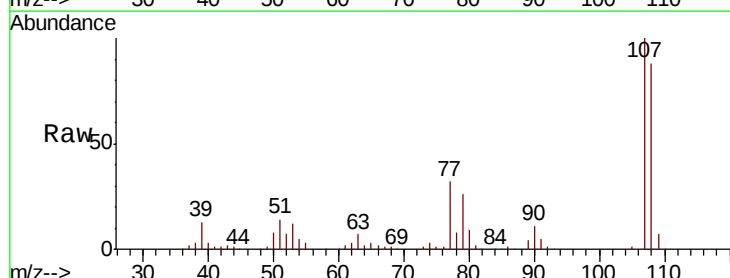
Ion Ratio Lower Upper

107 100

108 87.8 69.9 109.9

77 31.8 11.2 51.2

79 25.6 6.6 46.6

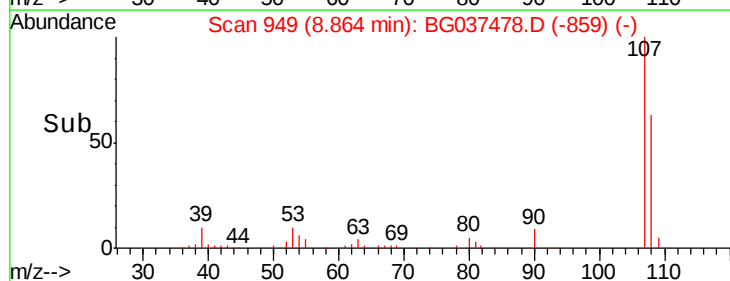
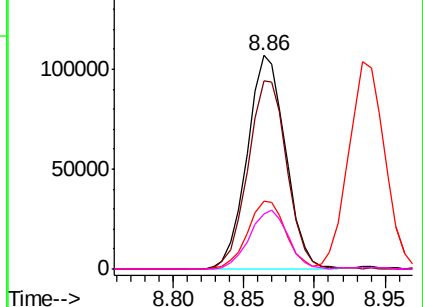


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

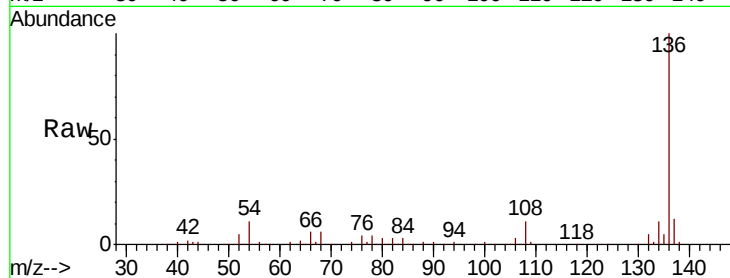




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	238070	
Ion Ratio	Lower	Upper	
136 100			
137 11.8	9.6	14.4	
54 11.2	7.9	11.9	
68 5.8	4.8	7.2	



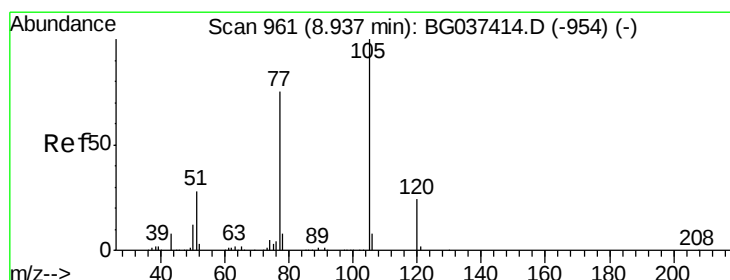
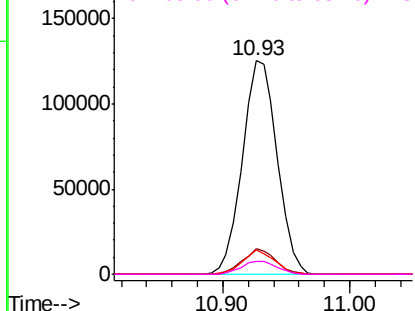
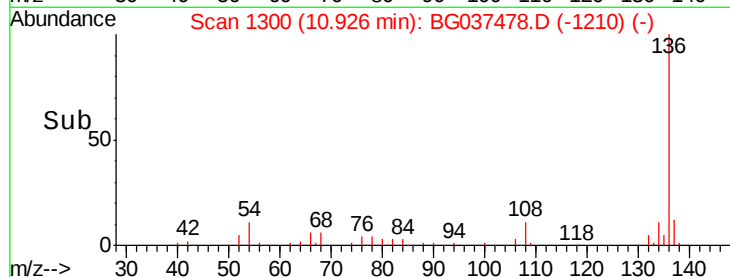
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

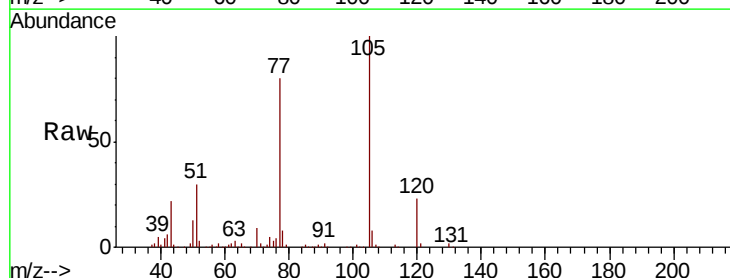
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.985 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Tgt	Ion:105	Resp:	238735
Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.2	1.8
51	29.6	25.0	37.6
120	23.2	18.6	28.0



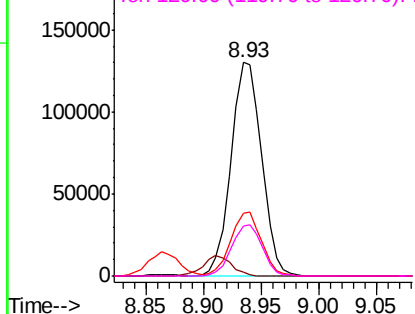
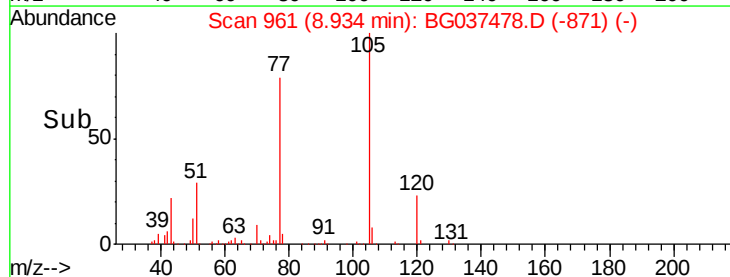
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

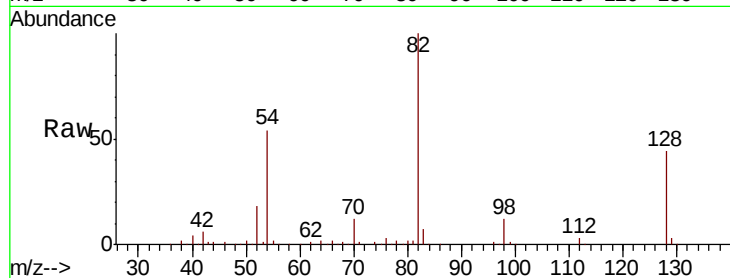




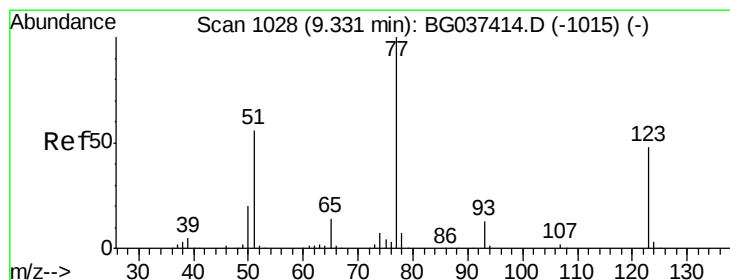
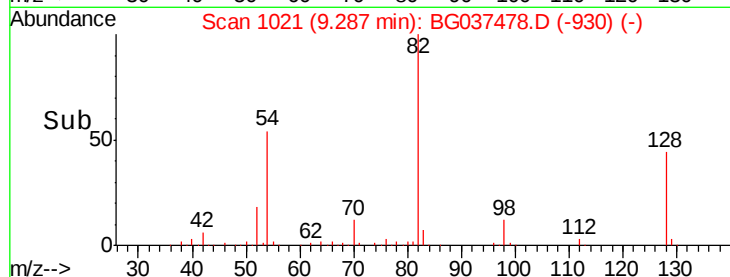
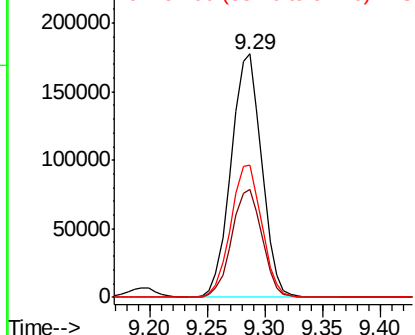
#23
Nitrobenzene-d5
Concen: 76.773 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	326271
Ion Ratio	Lower	Upper	
82	100		
128	44.2	34.6	51.8
54	54.2	45.3	67.9

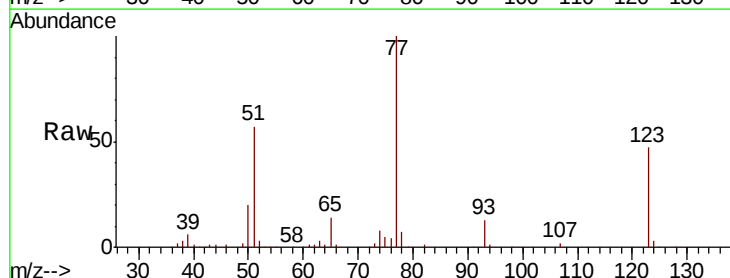


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

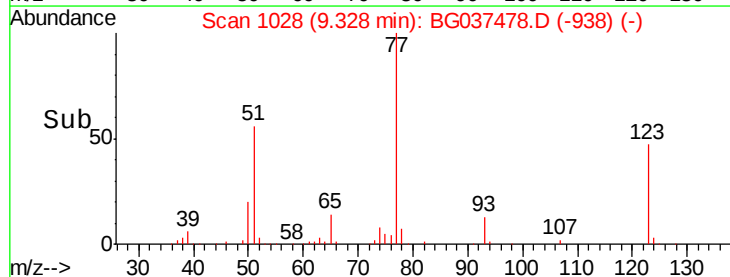
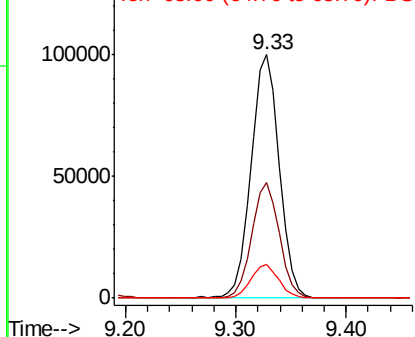


#24
Nitrobenzene
Concen: 40.667 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Tgt Ion	77	Resp	179543
Ion Ratio	Lower	Upper	
77	100		
123	47.4	33.6	50.4
65	14.0	11.3	16.9



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





#25

Isophorone

Concen: 45.739 ng

RT: 9.84 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA_G

ClientSampleId :

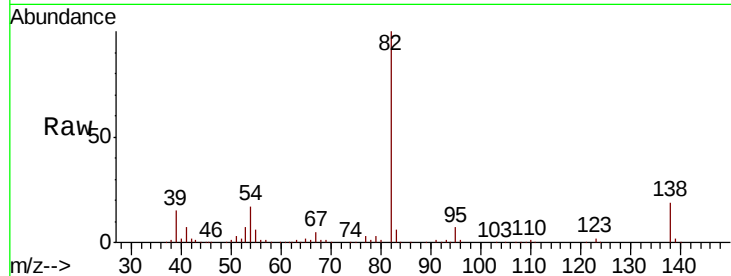
Tot Ion: 82 Resp: 355171

Ion Ratio Lower Upper

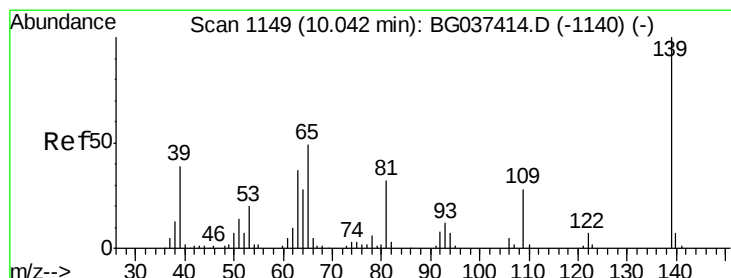
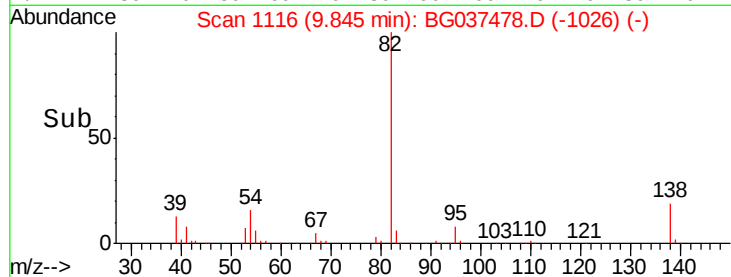
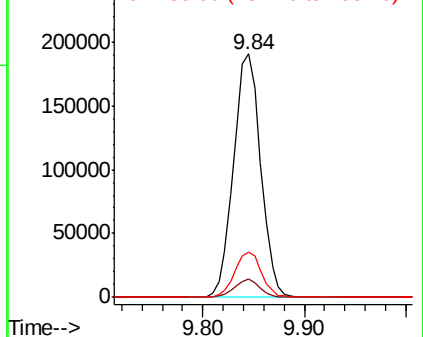
82 100

95 7.3 5.3 7.9

138 18.8 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: 39.155 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

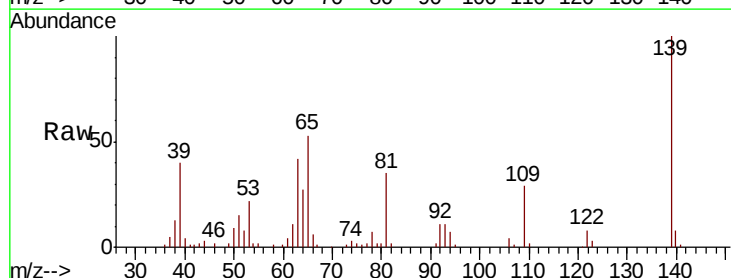
Tgt Ion: 139 Resp: 77875

Ion Ratio Lower Upper

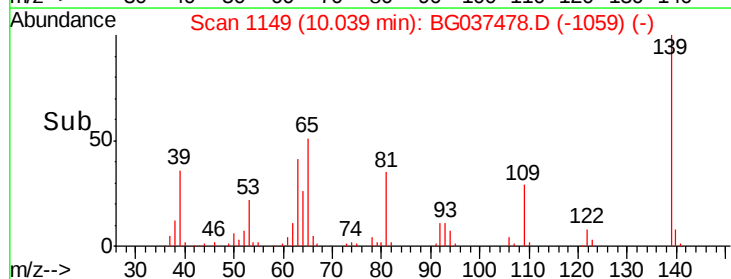
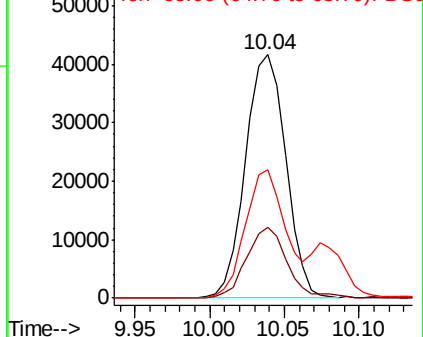
139 100

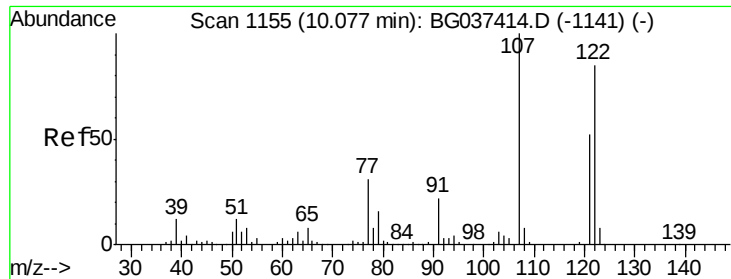
109 29.1 23.3 34.9

65 52.8 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

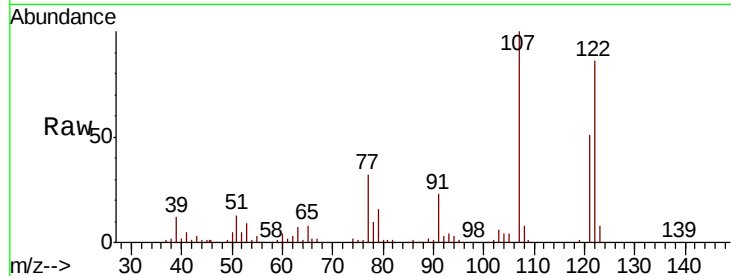




#27
 2,4-Dimethylphenol
 Concen: 49.197 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG037478.D
 Acq: 23 Oct 2018 16:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	94.2	141.2
121	59.2	47.3	70.9

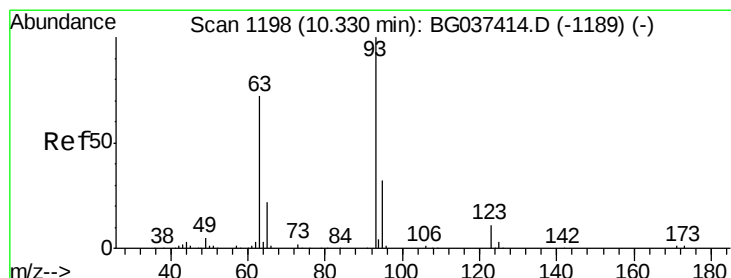
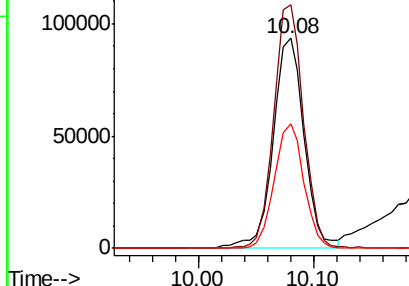
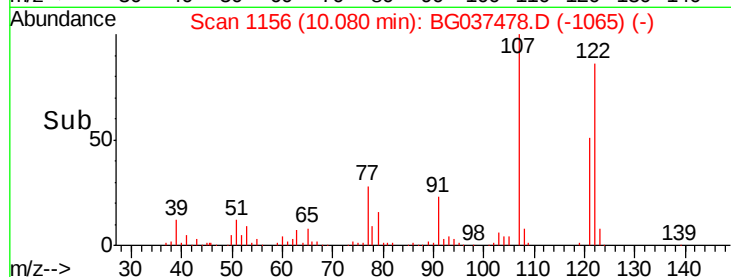


Abundance

Ion 122.00 (121.70 to 122.70): E

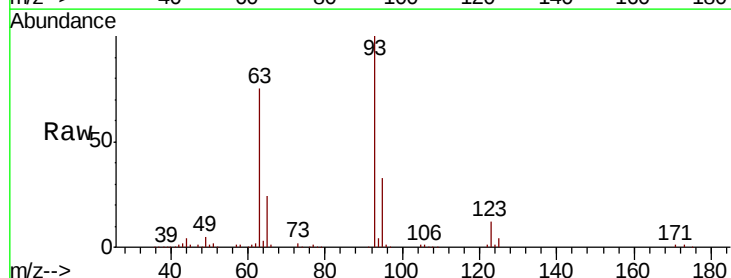
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.867 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG037478.D
 Acq: 23 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	24.6	37.0
123	12.4	9.1	13.7

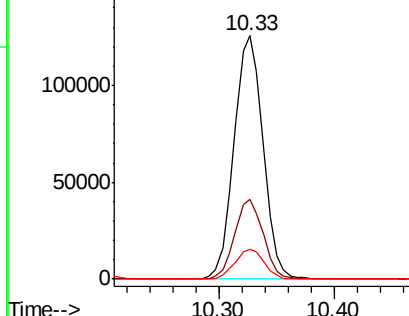
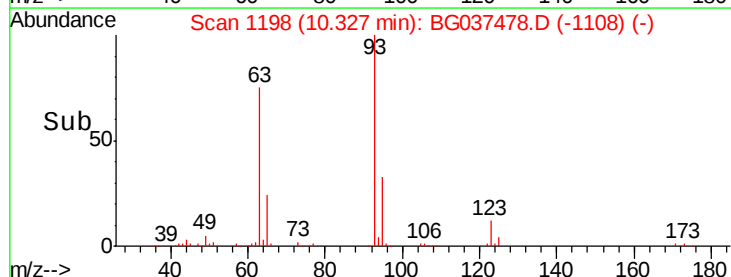


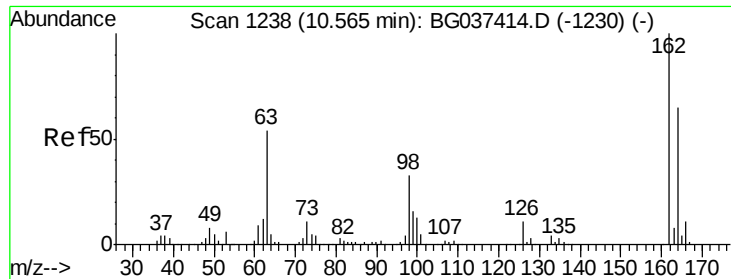
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

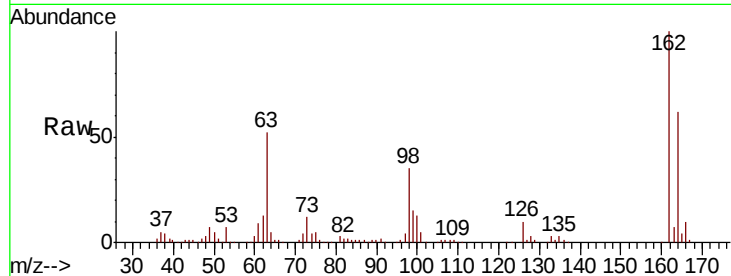




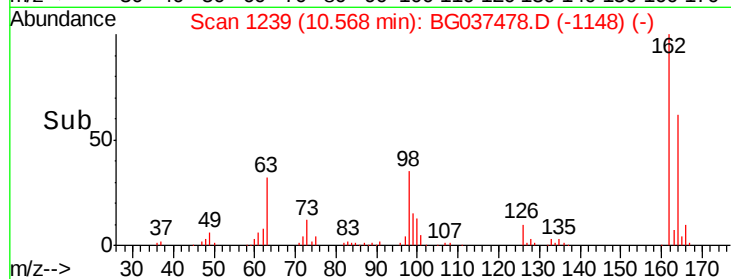
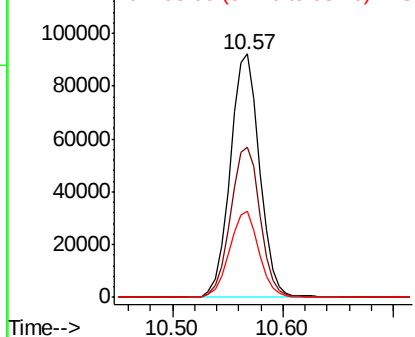
#29
 2,4-Dichlorophenol
 Concen: 43.469 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG037478.D
 Acq: 23 Oct 2018 16:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 171871
 Ion Ratio Lower Upper
 162 100
 164 61.7 43.2 83.2
 98 35.4 16.0 56.0

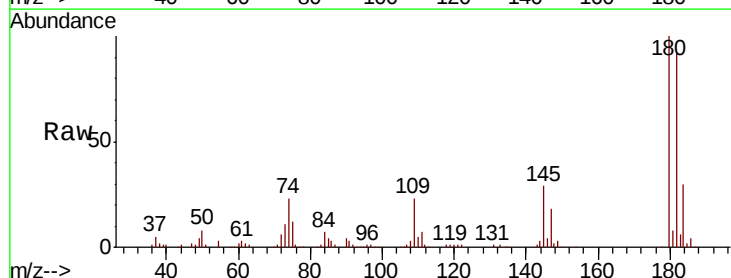


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

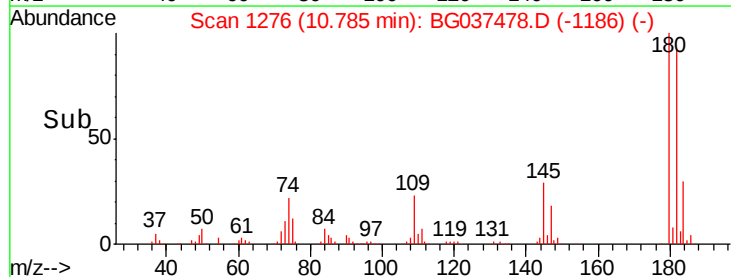
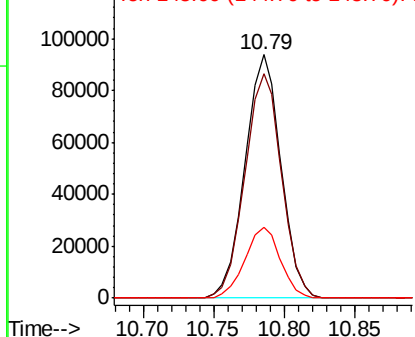


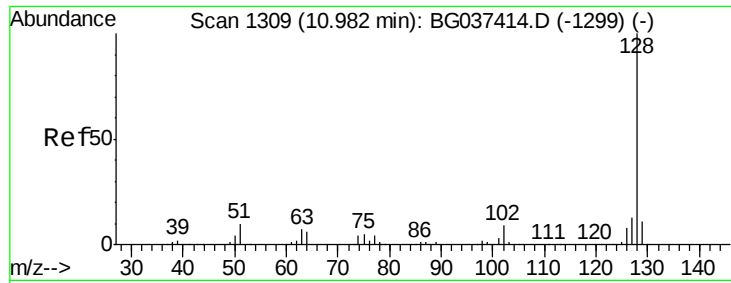
#30
 1,2,4-Trichlorobenzene
 Concen: 38.850 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037478.D
 Acq: 23 Oct 2018 16:12

Tgt Ion:180 Resp: 167043
 Ion Ratio Lower Upper
 180 100
 182 92.4 77.7 116.5
 145 29.2 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

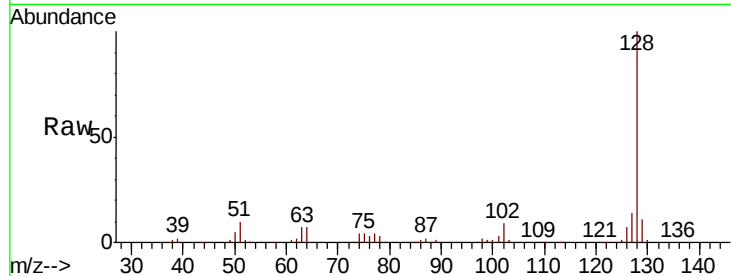




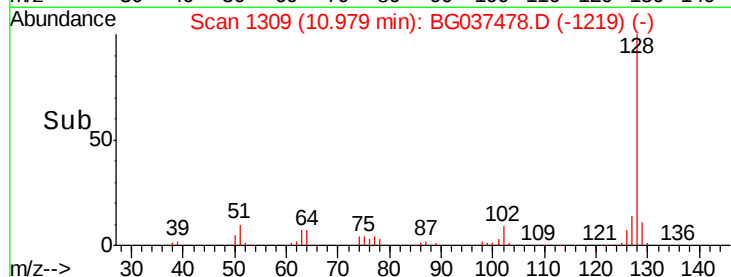
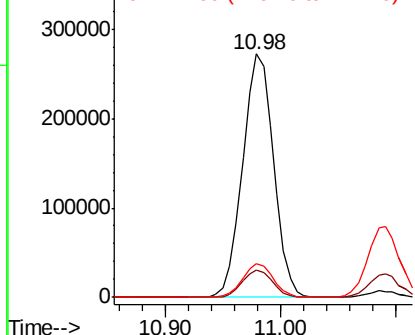
#31
Naphthalene
Concen: 43.382 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 507281
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.9 11.1 16.7

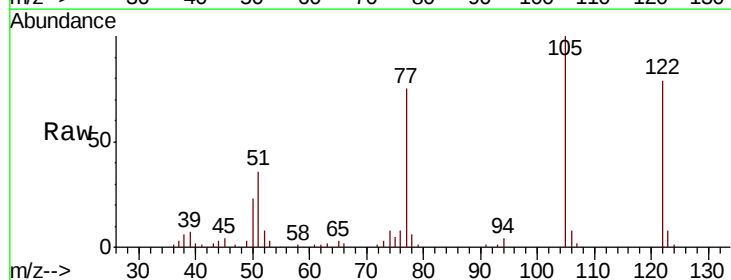


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

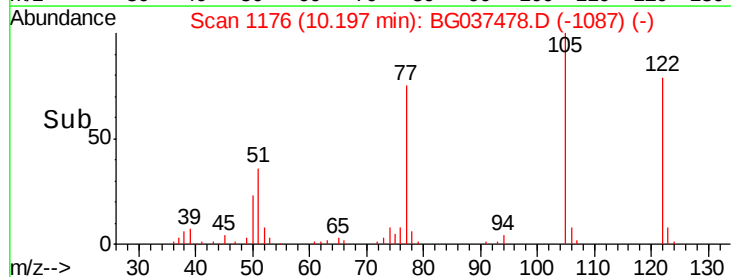
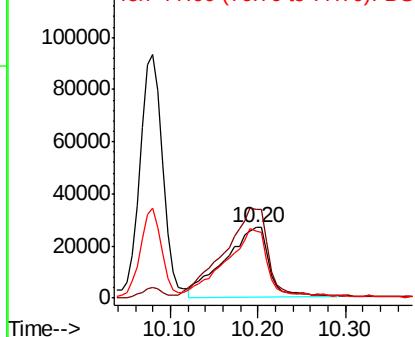


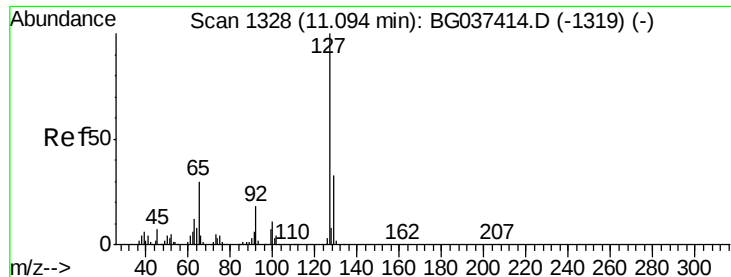
#32
Benzoic acid
Concen: 40.387 ng
RT: 10.20 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Tgt Ion:122 Resp: 93152
Ion Ratio Lower Upper
122 100
105 126.4 106.7 146.7
77 94.4 72.2 112.2



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

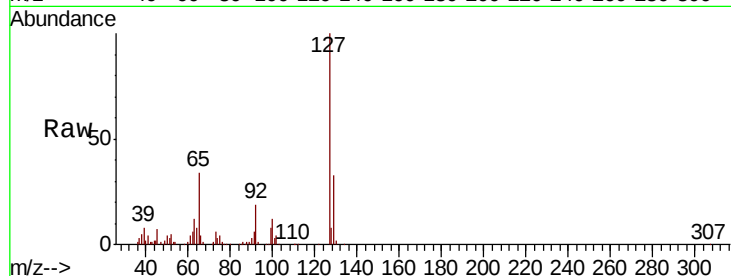




#33
4-Chloroaniline
Concen: 27.761 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	152526
Ion	Ratio	Lower	Upper
127	100		
129	32.9	27.1	40.7
65	34.0	26.6	39.8
92	19.2	16.4	24.6



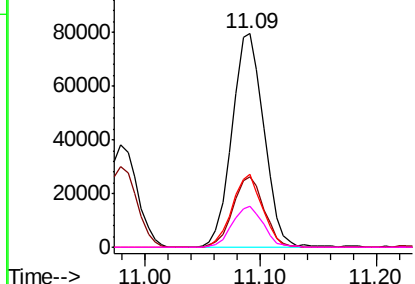
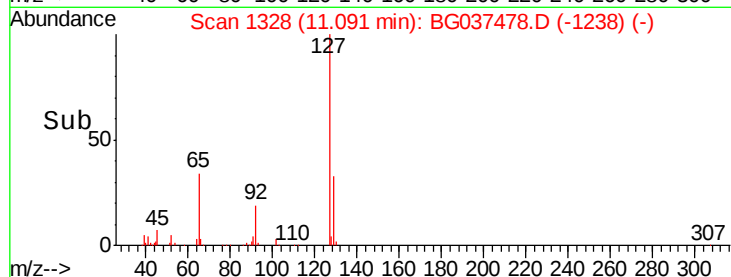
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

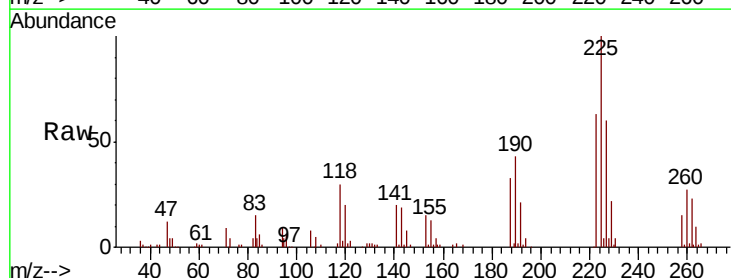
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 37.777 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Tgt Ion:	225	Resp:	96269
Ion	Ratio	Lower	Upper
225	100		
223	60.4	48.2	72.4
227	61.3	51.6	77.4

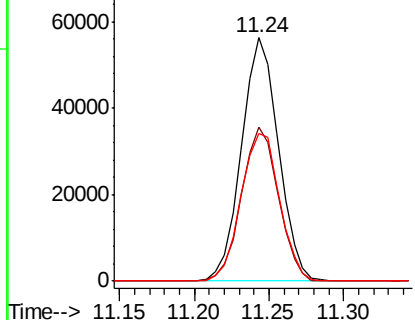
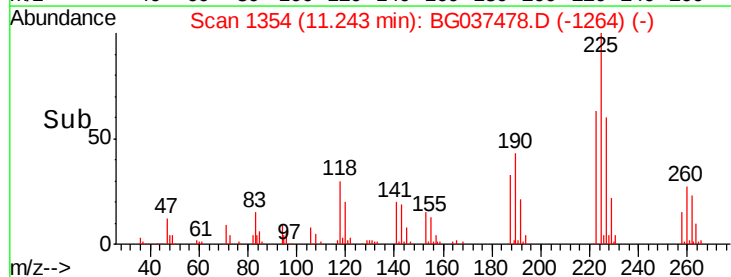


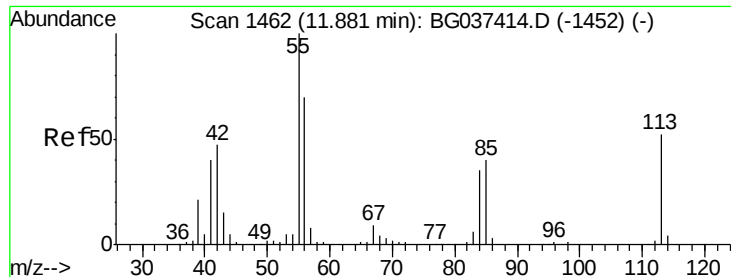
Abundance

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

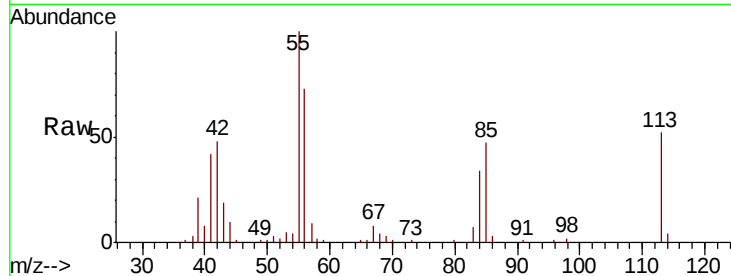




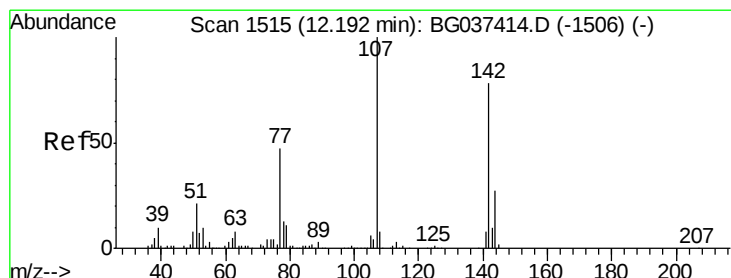
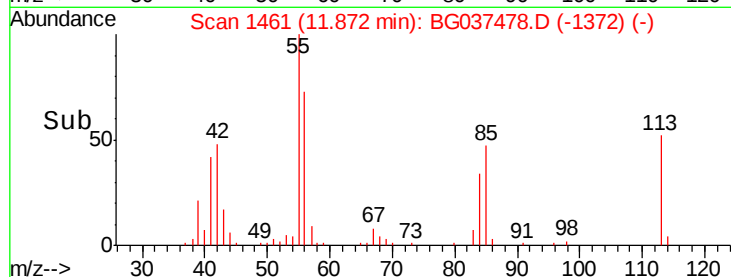
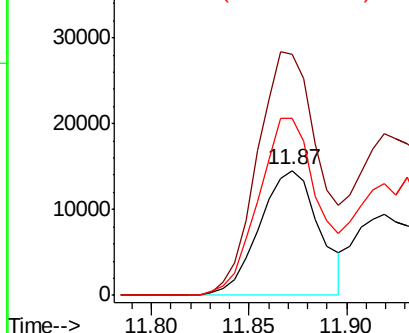
#35
Caprolactam
Concen: 19.315 ng
RT: 11.87 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:113 Resp: 30629
Ion Ratio Lower Upper
113 100
55 193.2 176.6 216.6
56 141.6 128.3 168.3

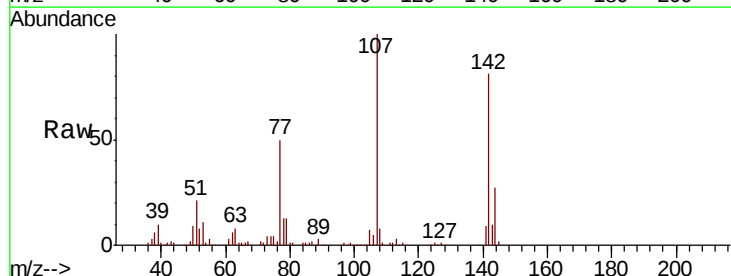


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC

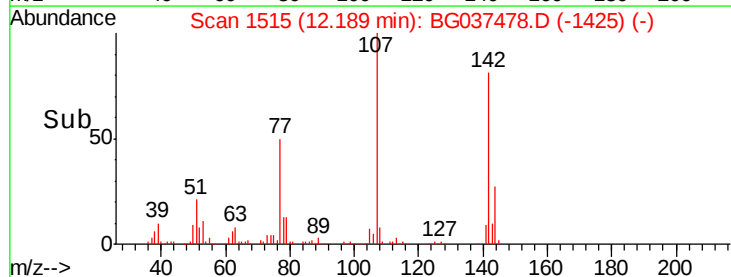
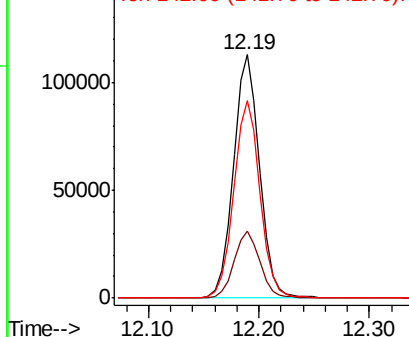


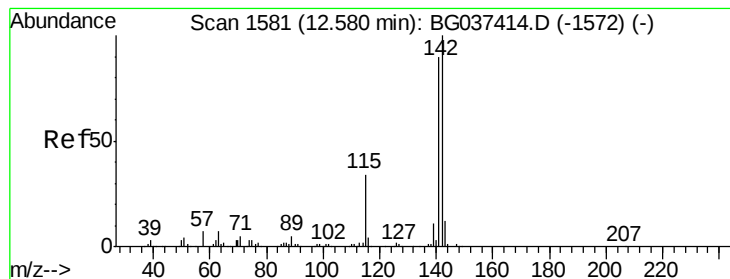
#36
4-Chloro-3-methylphenol
Concen: 41.985 ng
RT: 12.19 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Tgt Ion:107 Resp: 187213
Ion Ratio Lower Upper
107 100
144 27.3 20.7 31.1
142 81.0 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: 44.825 ng

RT: 12.58 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA_G

ClientSampleId :

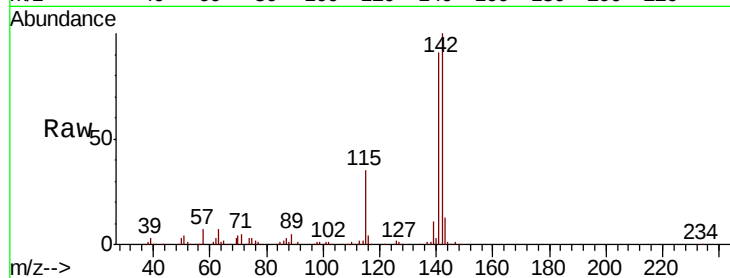
Tot Ion:142 Resp: 382091

Ion Ratio Lower Upper

142 100

141 91.5 71.9 107.9

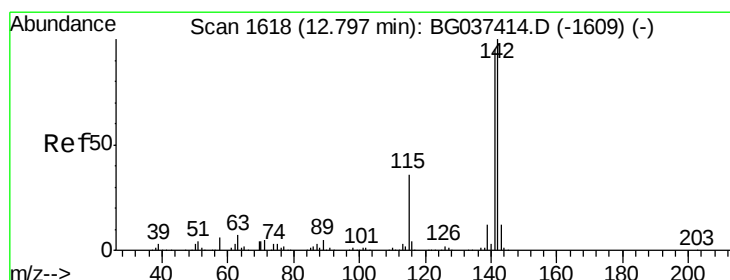
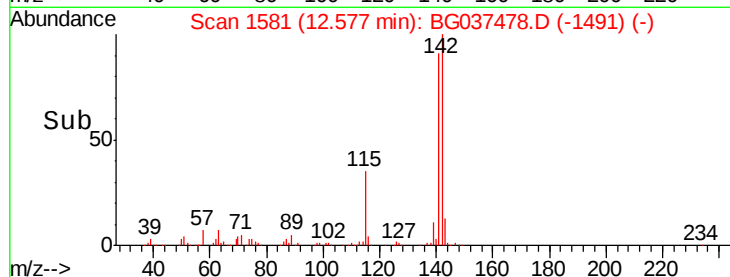
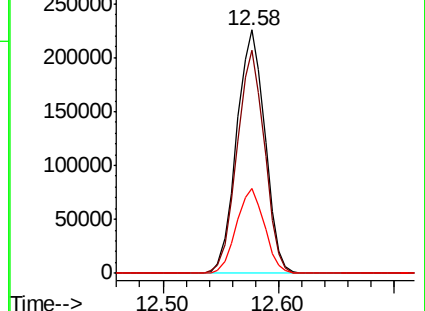
115 35.1 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.108 ng

RT: 12.79 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

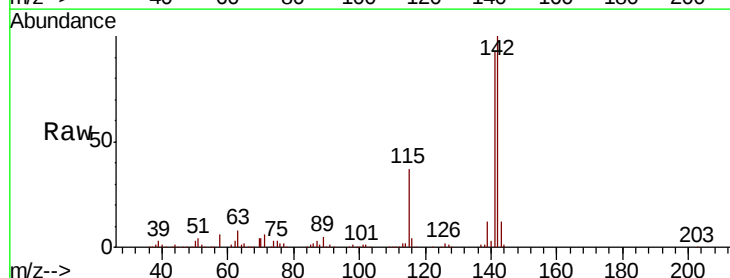
Tgt Ion:142 Resp: 365126

Ion Ratio Lower Upper

142 100

141 93.4 75.2 112.8

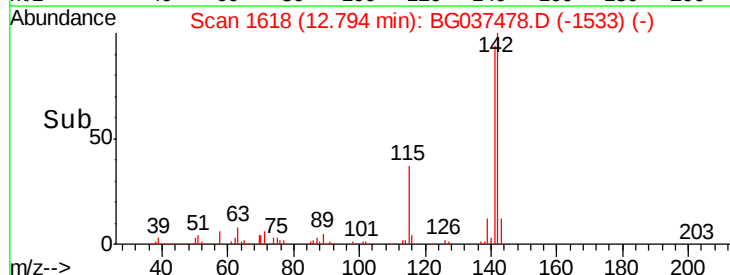
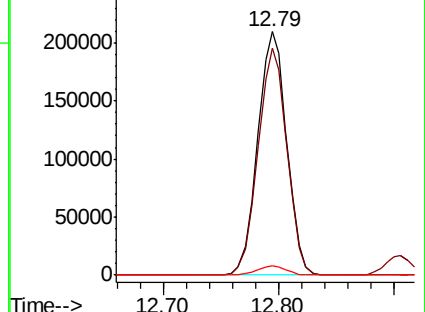
116 4.0 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA_G

ClientSampleId :

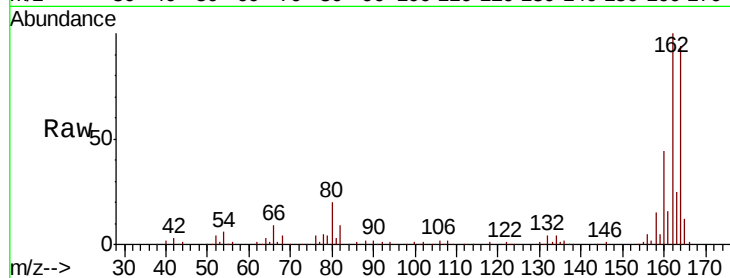
Tot Ion:164 Resp: 156957

Ion Ratio Lower Upper

164 100

162 106.5 81.3 121.9

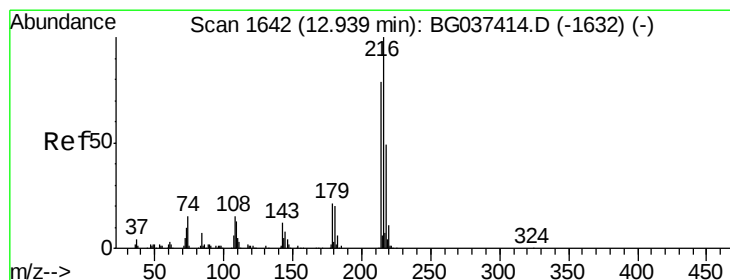
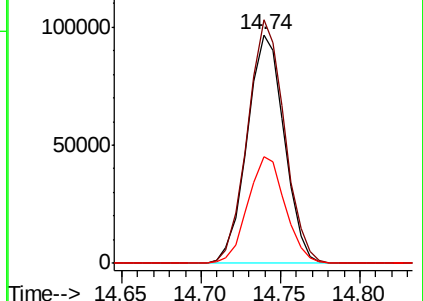
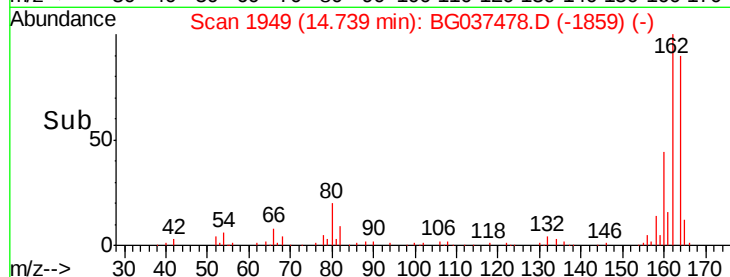
160 46.8 36.3 54.5



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: 38.036 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Tgt Ion:216 Resp: 192567

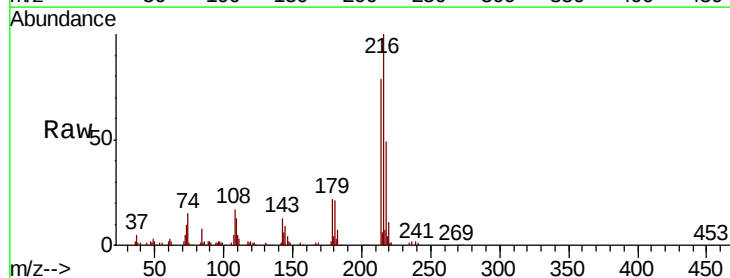
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 21.0 17.4 26.0

108 19.9 13.9 20.9

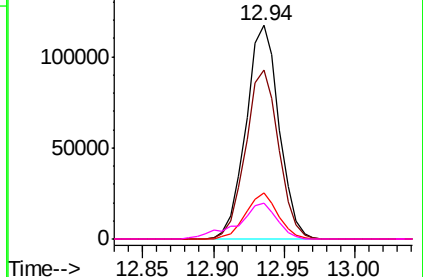
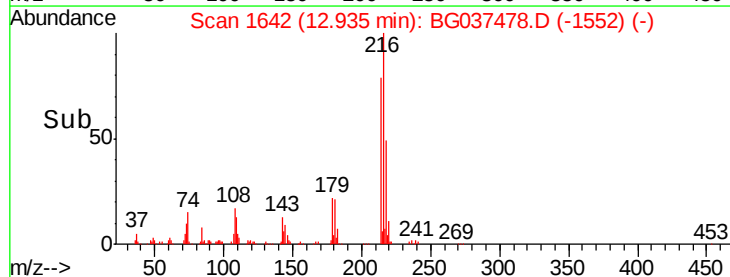


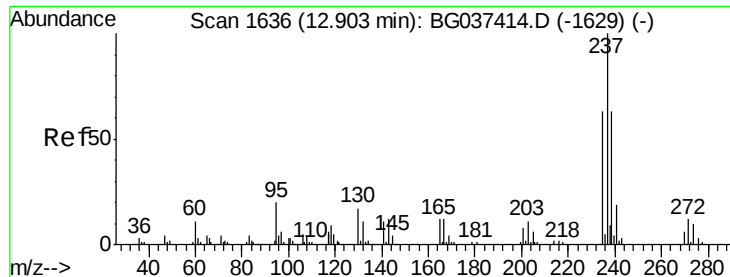
Abundance Ion 216.00 (215.70 to 216.70): E

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: 95.455 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA_G

ClientSampleId :

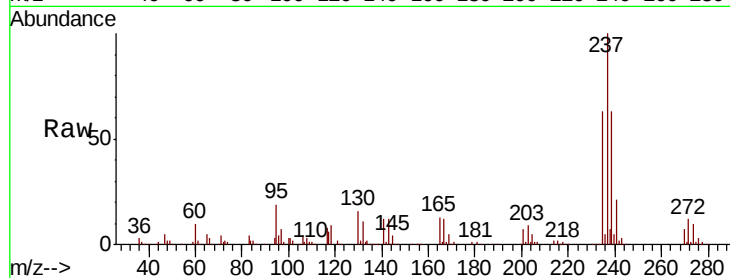
Tot Ion:237 Resp: 230842

Ion Ratio Lower Upper

237 100

235 63.1 42.5 82.5

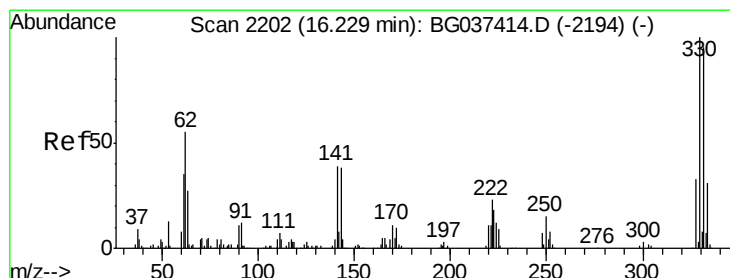
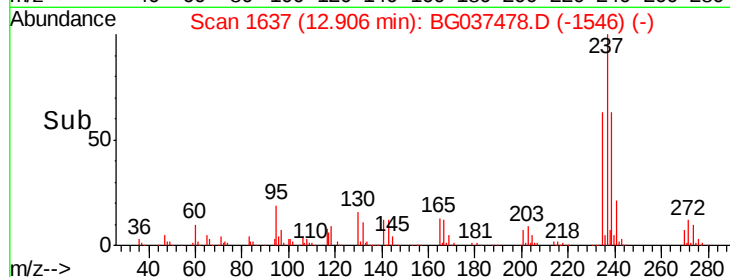
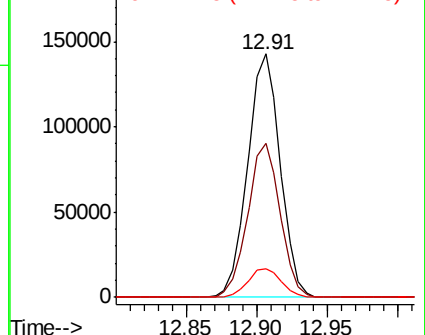
272 11.8 0.0 31.6



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: 143.855 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

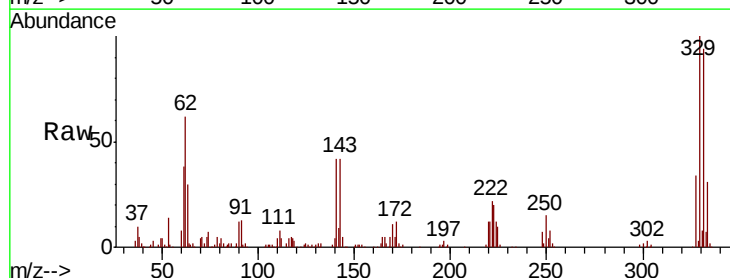
Tgt Ion:330 Resp: 246268

Ion Ratio Lower Upper

330 100

332 94.4 78.4 117.6

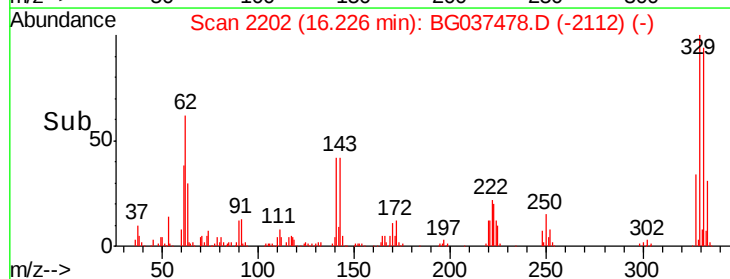
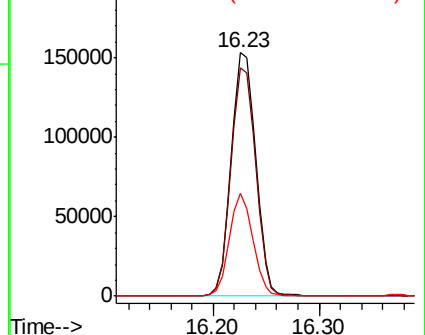
141 40.3 32.2 48.2

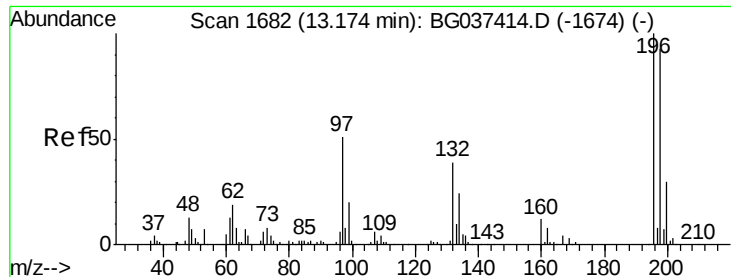


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

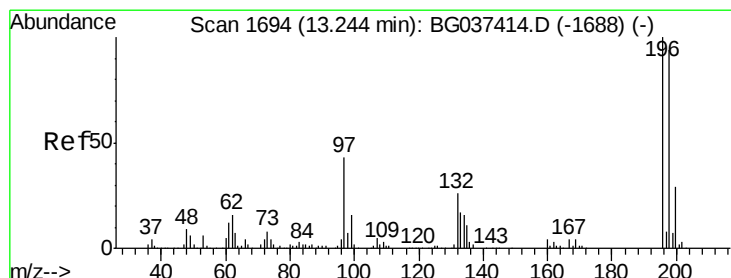
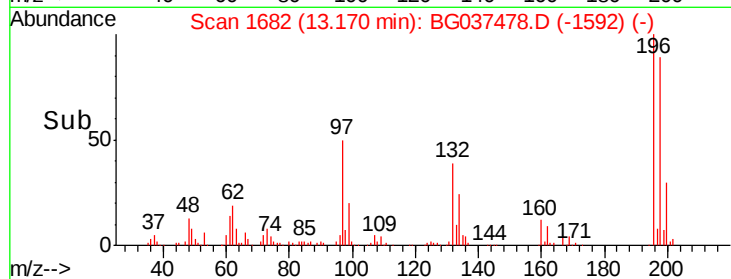
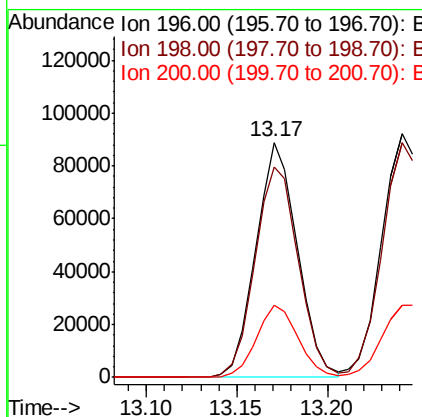
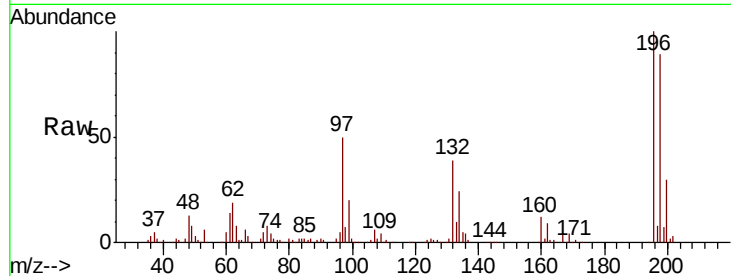




#43
 2,4,6-Trichlorophenol
 Concen: 42.011 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037478.D
 Acq: 23 Oct 2018 16:12

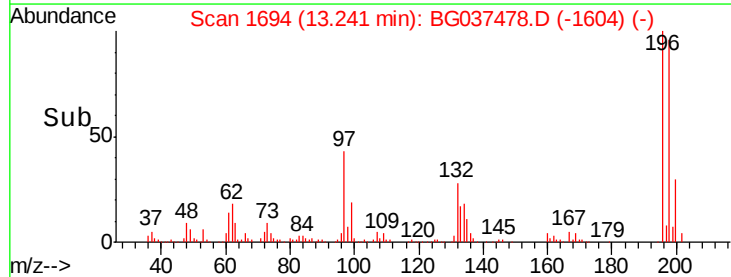
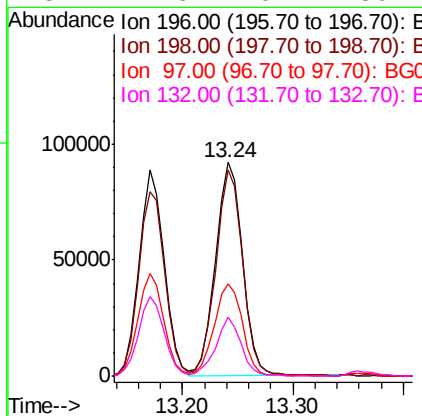
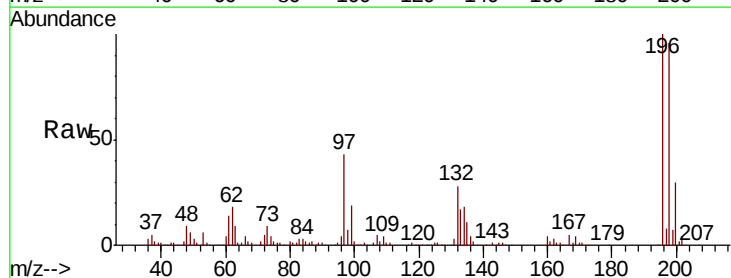
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 142094
 Ion Ratio Lower Upper
 196 100
 198 89.5 76.4 114.6
 200 30.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.352 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037478.D
 Acq: 23 Oct 2018 16:12

Tgt Ion:196 Resp: 155964
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.2 111.2
 97 43.2 34.1 51.1
 132 27.6 20.2 30.4

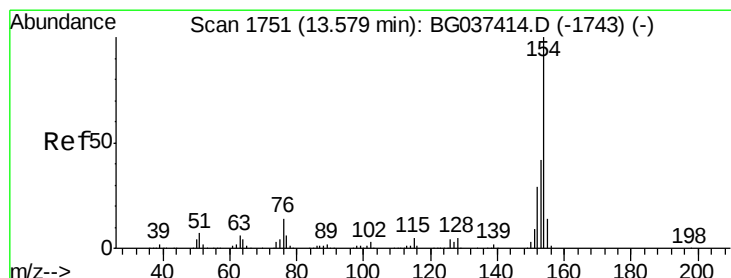
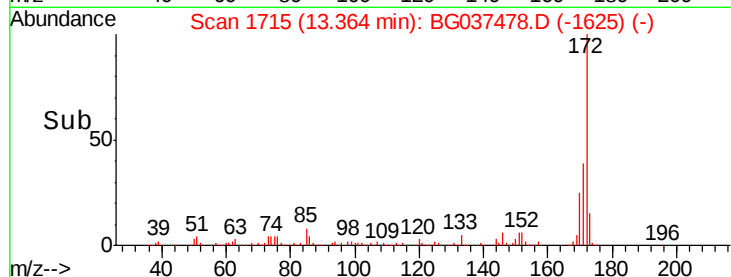
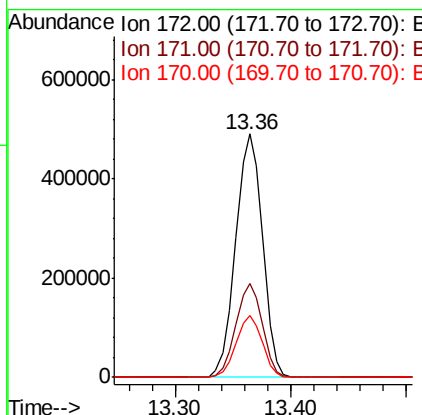
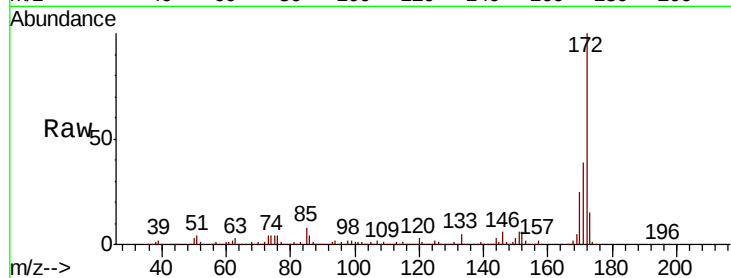




#45
2-Fluorobiphenyl
Concen: 75.603 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

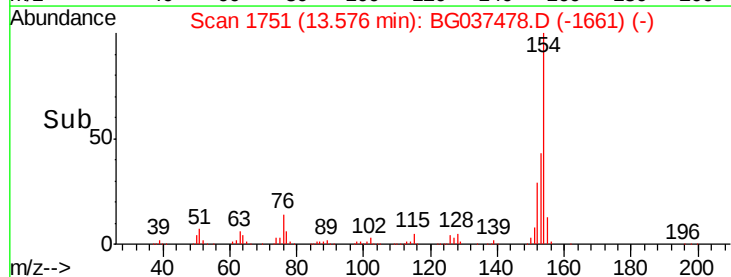
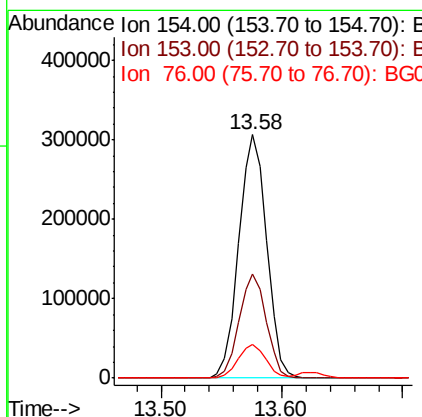
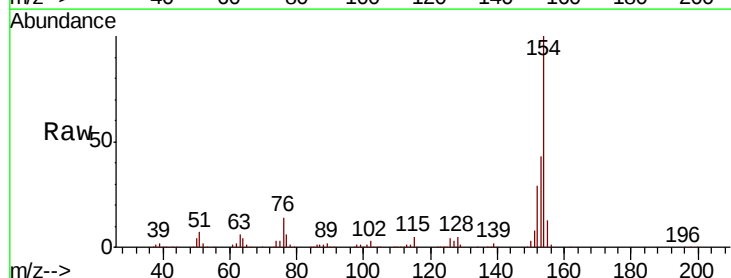
Instrument :
BNA_G
ClientSampleId :

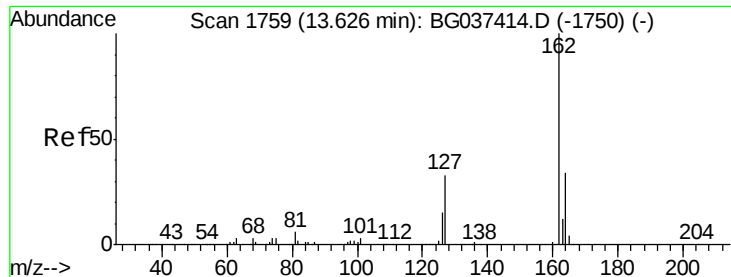
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.0	46.4
170	25.2	20.2	30.2



#46
1,1'-Biphenyl
Concen: 37.946 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.1	62.1
76	13.7	0.0	33.2

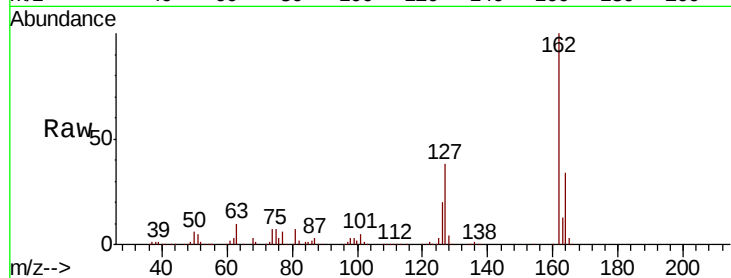




#47
2-Chloronaphthalene
Concen: 39.716 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.5	45.7
164	34.0	26.4	39.6

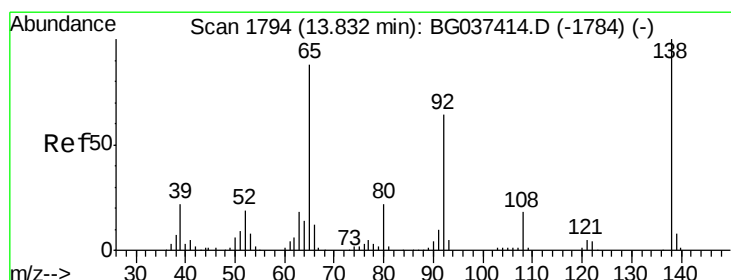
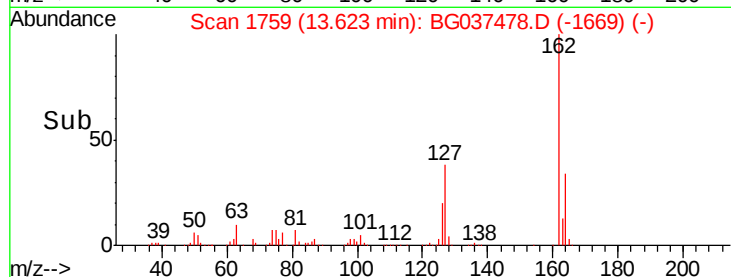
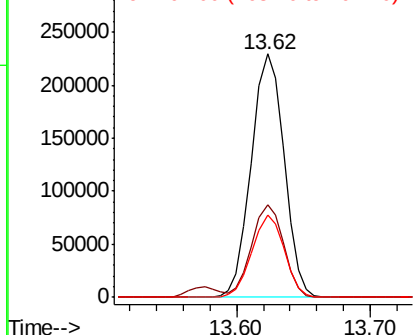


Abundance

Ion 162.00 (161.70 to 162.70): E

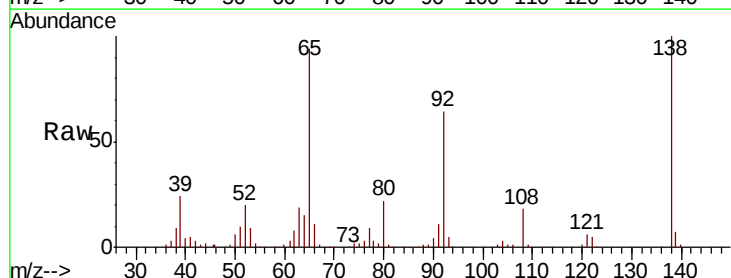
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.436 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	53.2	79.8
138	106.9	79.3	118.9

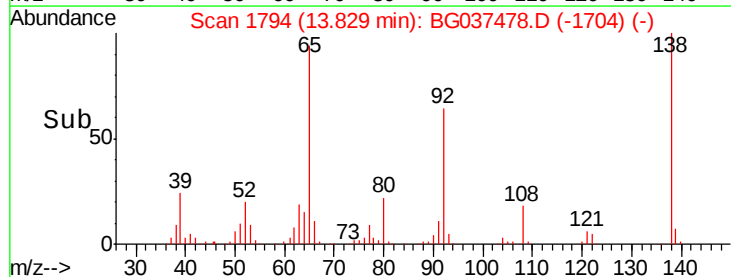
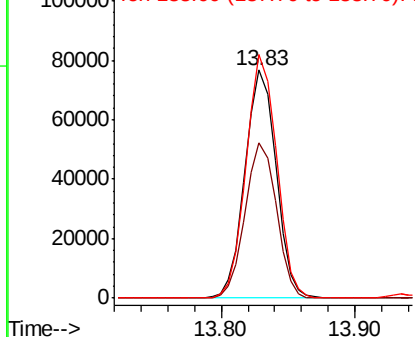


Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.438 ng

RT: 14.47 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

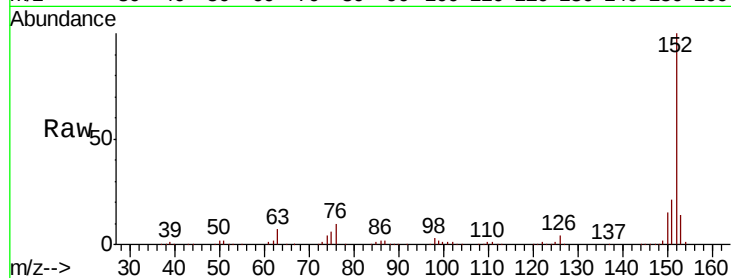
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 657387

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.1	25.7
153	13.9	11.1	16.7

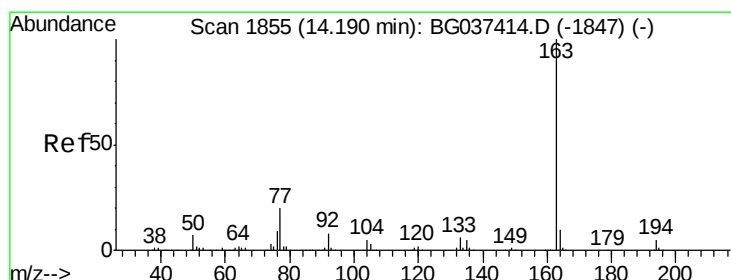
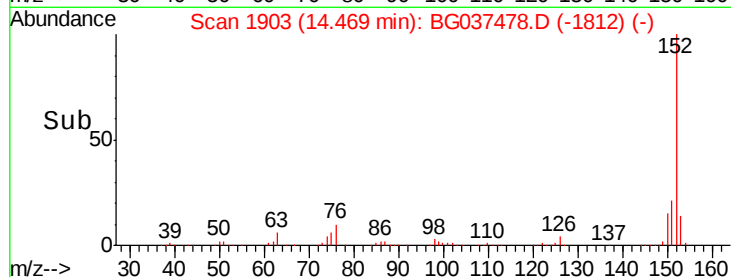
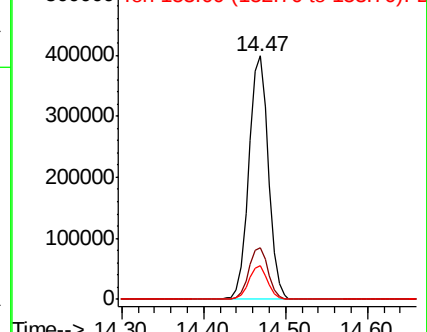


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.363 ng

RT: 14.19 min Scan# 1855

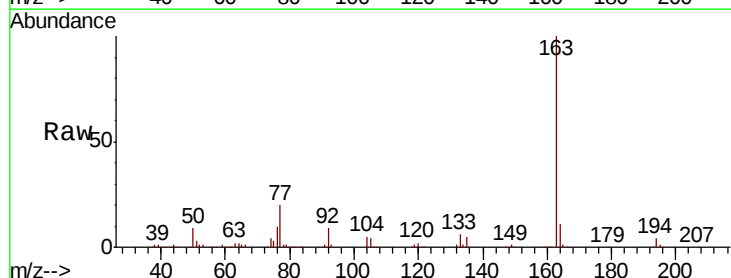
Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Tgt Ion:163 Resp: 514388

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.8	8.5	12.7

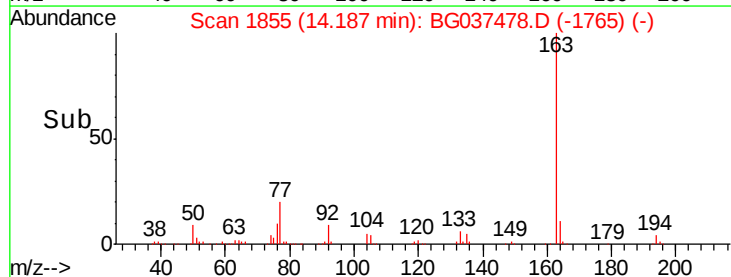
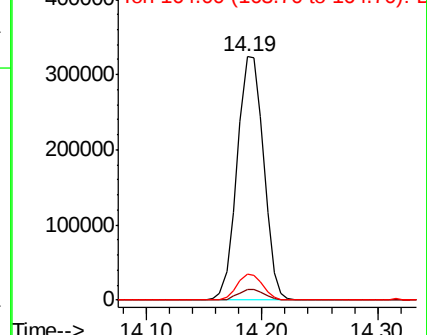


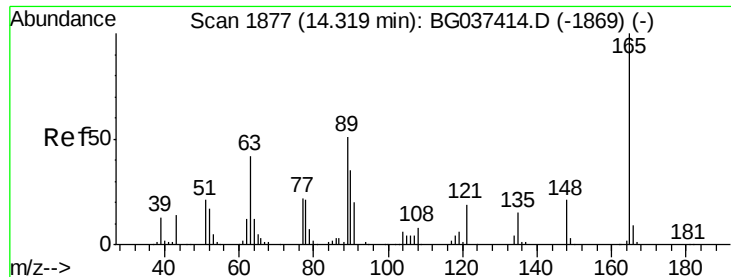
Abundance

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: 41.905 ng

RT: 14.32 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA_G

ClientSampled :

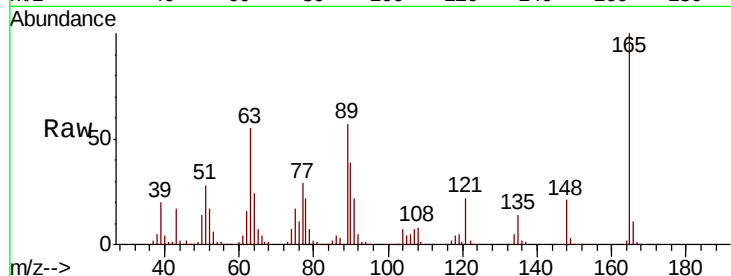
Tot Ion:165 Resp: 112564

Ion Ratio Lower Upper

165 100

63 55.4 43.4 65.2

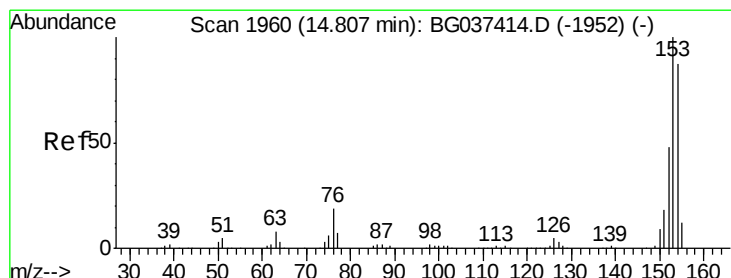
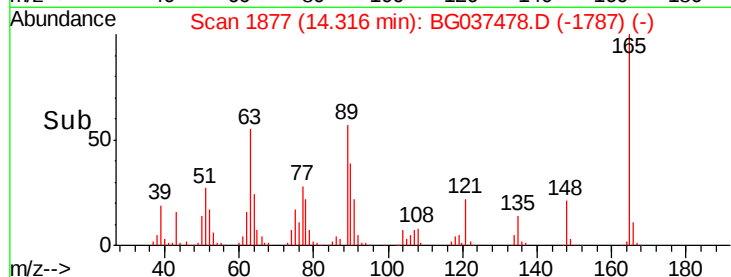
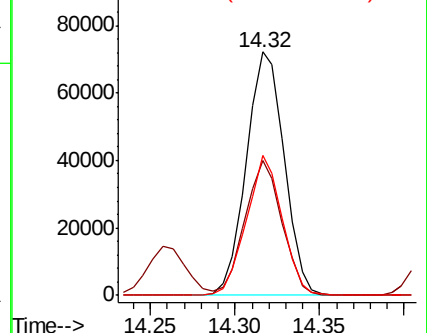
89 57.4 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 41.114 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

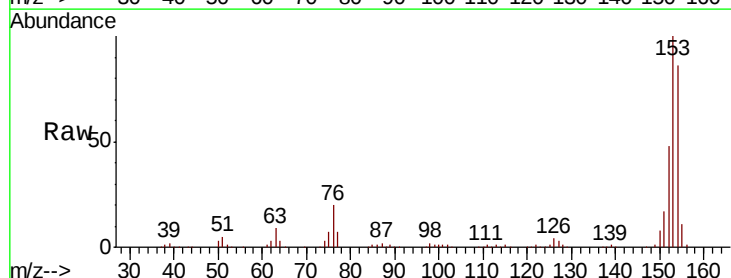
Tgt Ion:154 Resp: 374578

Ion Ratio Lower Upper

154 100

153 116.9 93.4 140.0

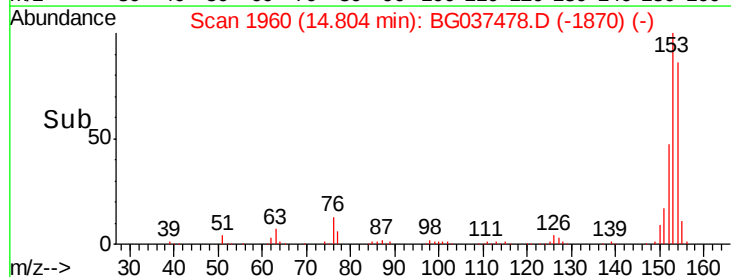
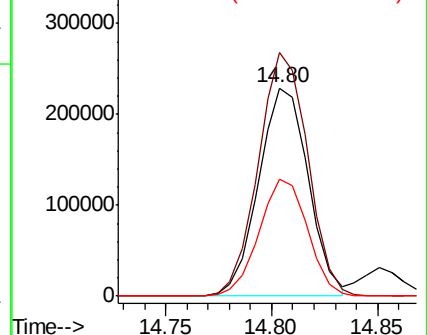
152 55.9 44.7 67.1

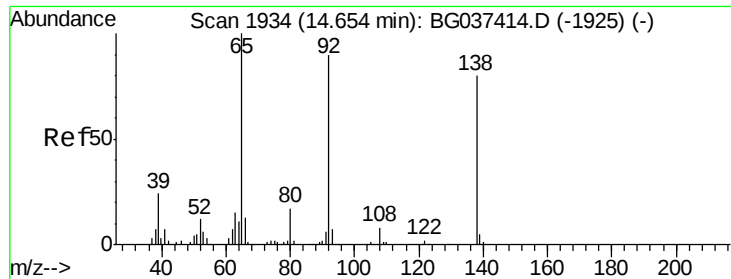


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

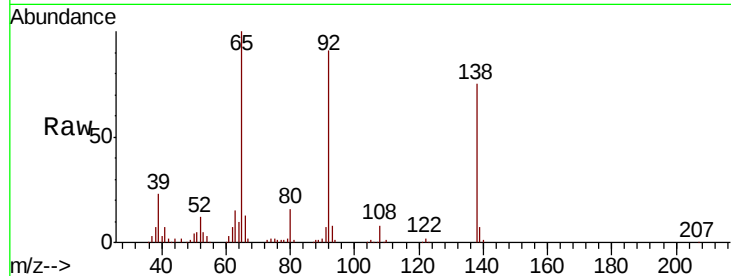




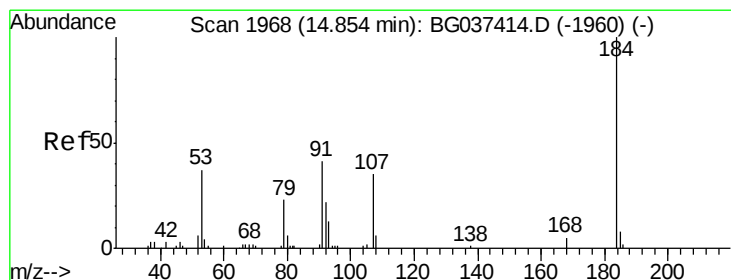
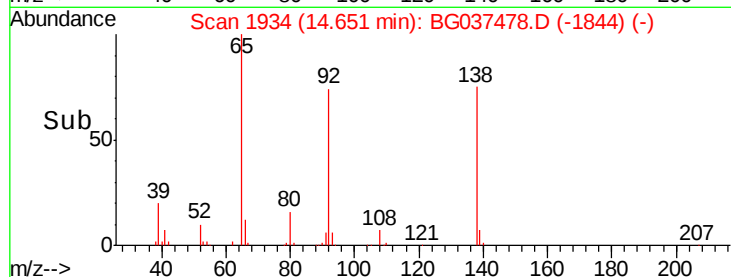
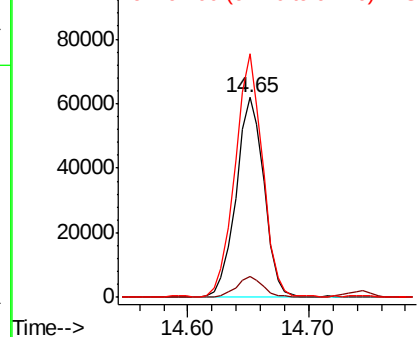
#53
3-Nitroaniline
Concen: 33.476 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 99826
Ion Ratio Lower Upper
138 100
108 10.4 11.0 16.6#
92 122.0 95.2 142.8

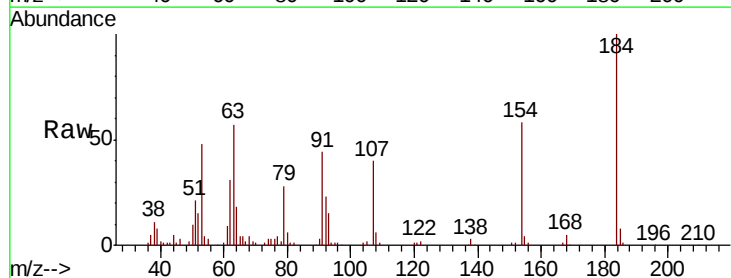


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

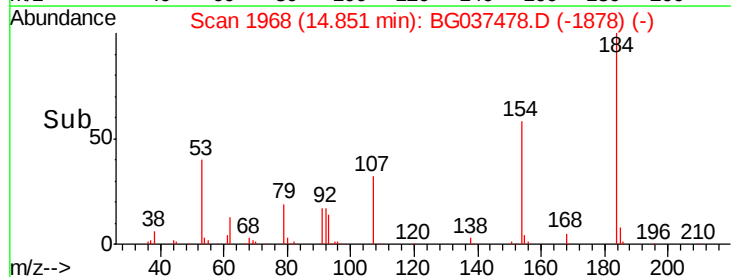
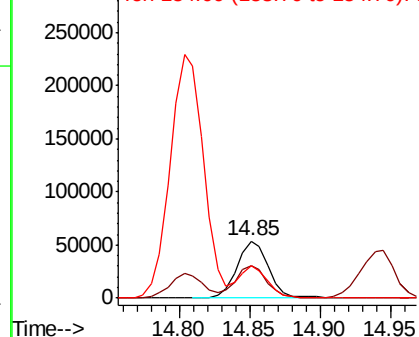


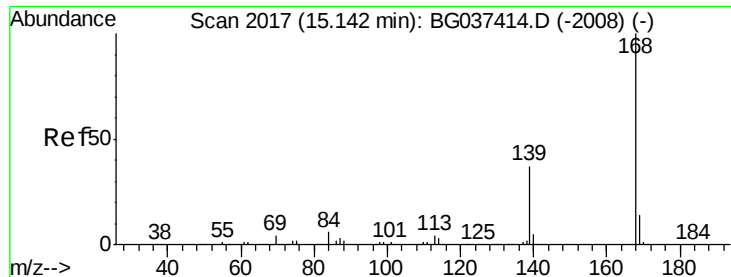
#54
2,4-Dinitrophenol
Concen: 74.370 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Tgt Ion:184 Resp: 84532
Ion Ratio Lower Upper
184 100
63 57.2 42.6 63.8
154 58.0 41.8 62.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

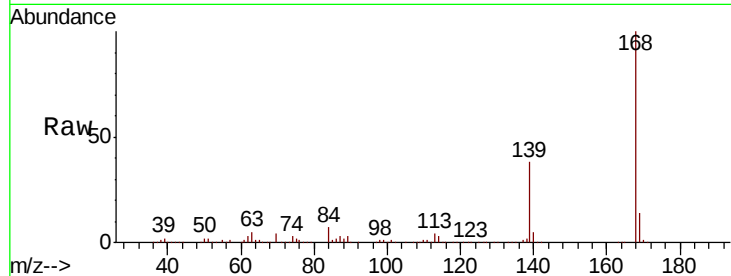




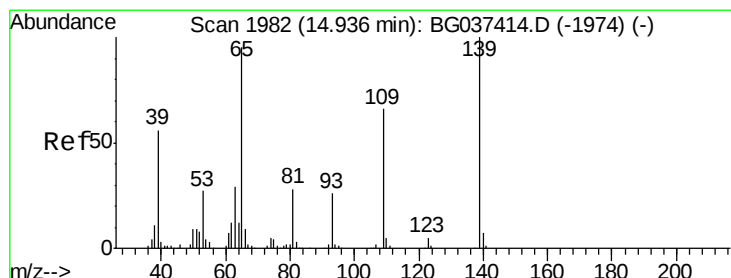
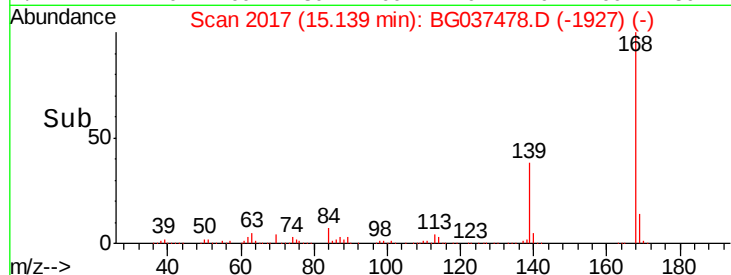
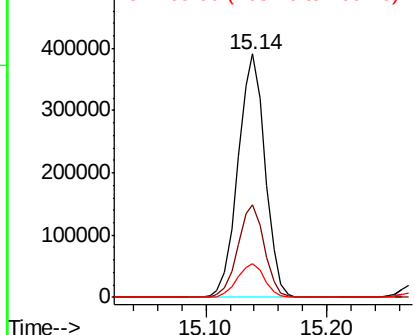
#55
Dibenzenofuran
Concen: 40.276 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 607954
Ion Ratio Lower Upper
168 100
139 37.8 29.4 44.0
169 13.7 11.0 16.6

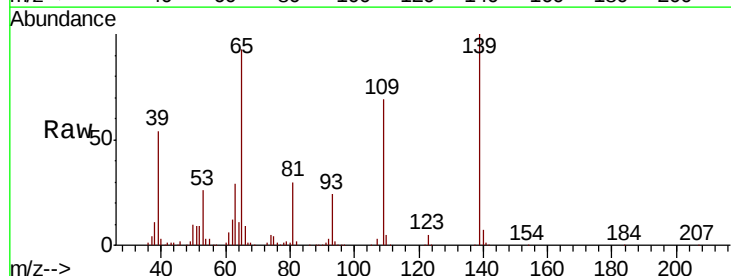


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

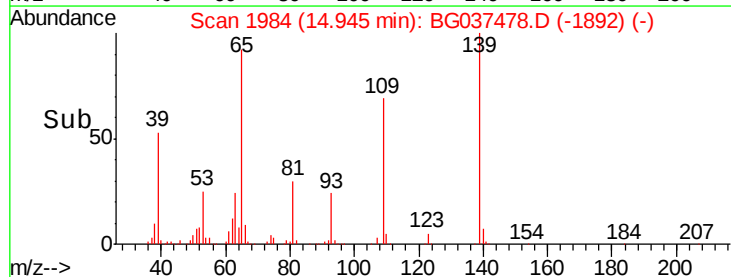
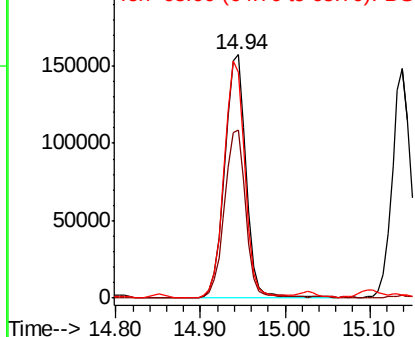


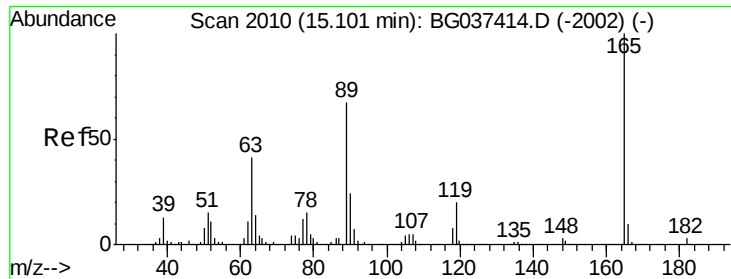
#56
4-Nitrophenol
Concen: 124.091 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Tgt Ion:139 Resp: 273904
Ion Ratio Lower Upper
139 100
109 68.8 49.5 89.5
65 92.6 76.8 116.8



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

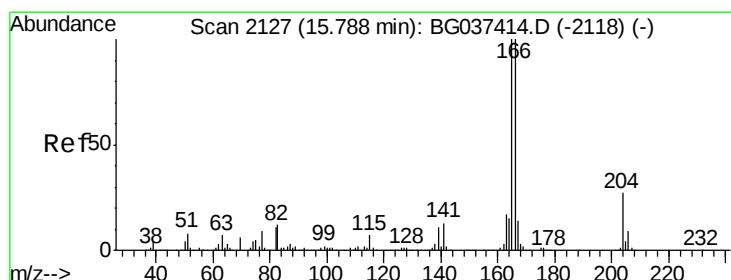
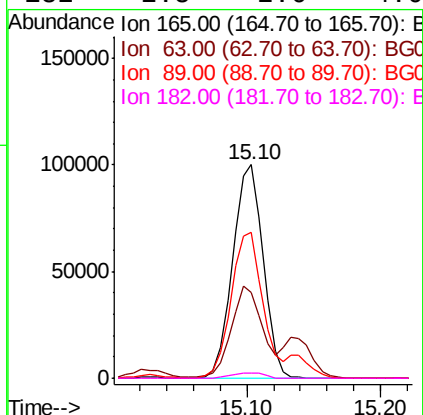
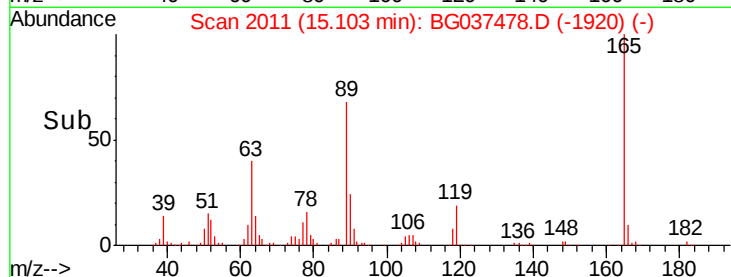
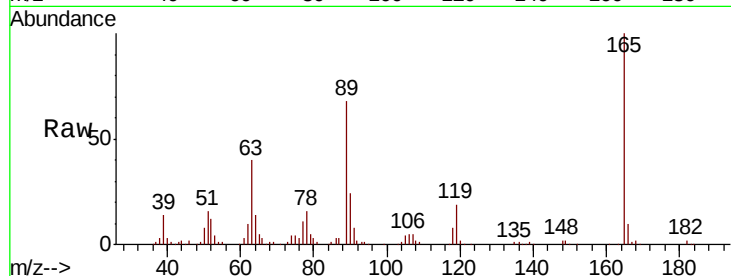




#57
2,4-Dinitrotoluene
Concen: 44.920 ng
RT: 15.10 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

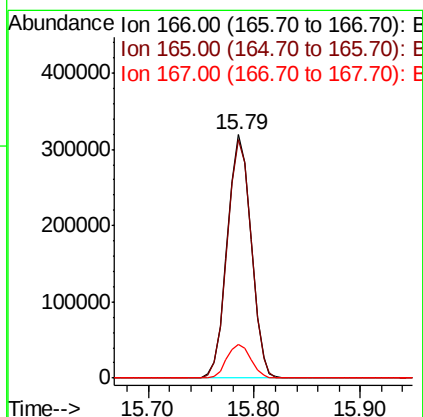
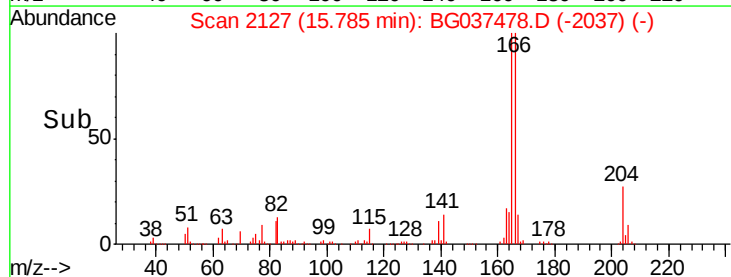
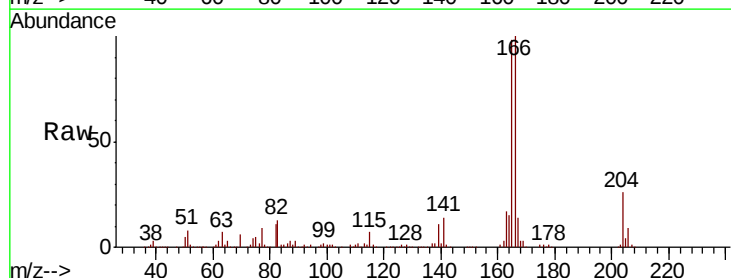
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.9	33.4	50.0
89	68.1	57.2	85.8
182	2.5	2.6	4.0



#58
Fluorene
Concen: 43.860 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.6
167	14.0	11.3	16.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.047 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 135729

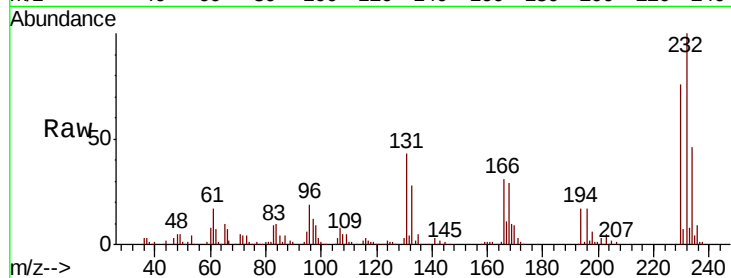
Ion Ratio Lower Upper

232 100

131 44.2 33.7 50.5

130 2.5 2.1 3.1

166 31.1 24.6 36.8

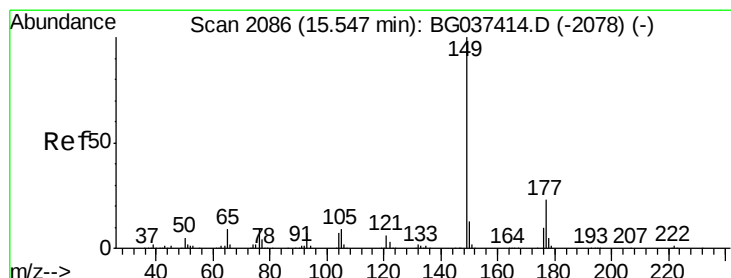
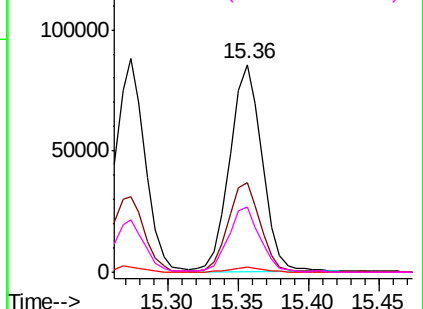
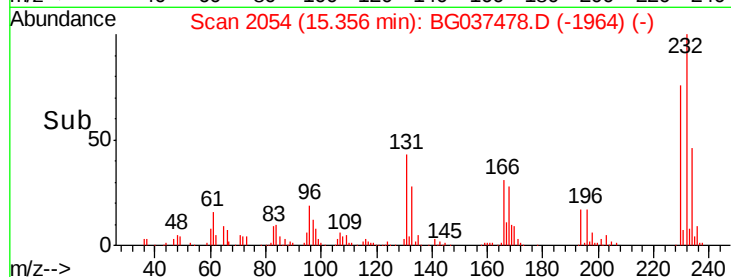


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.468 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

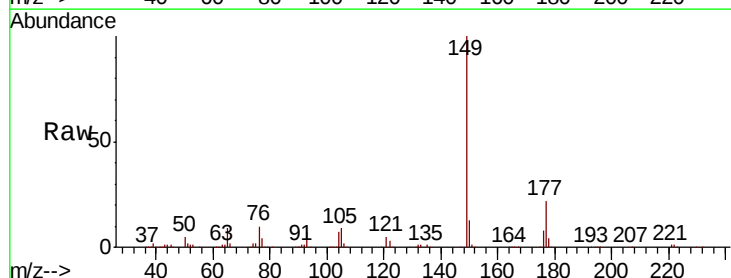
Tgt Ion:149 Resp: 529416

Ion Ratio Lower Upper

149 100

177 22.4 18.3 27.5

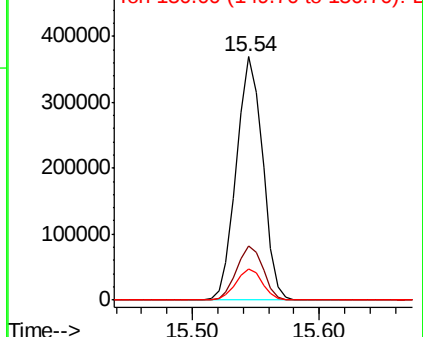
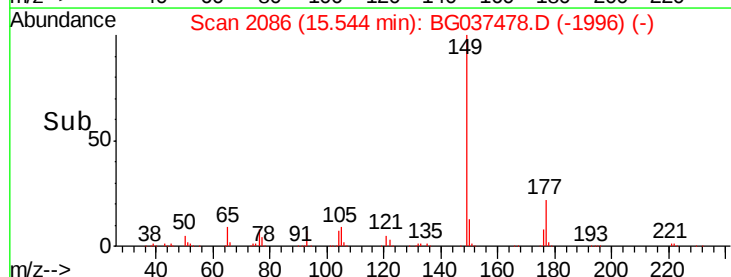
150 12.6 10.0 15.0

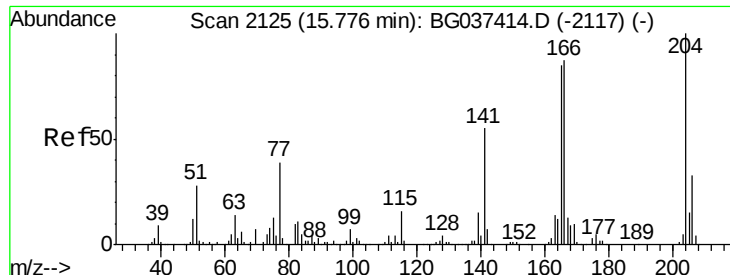


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

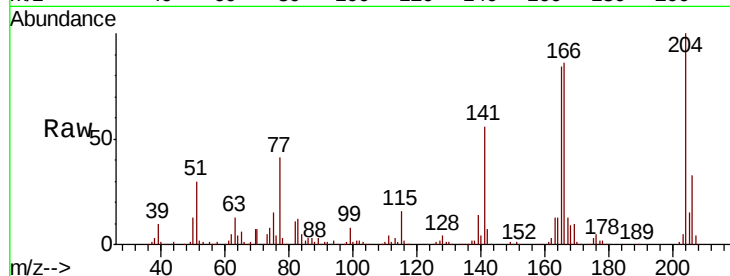




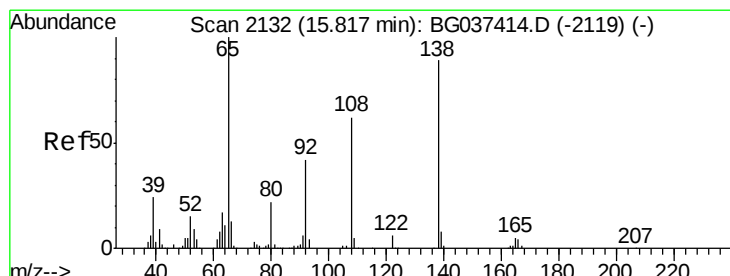
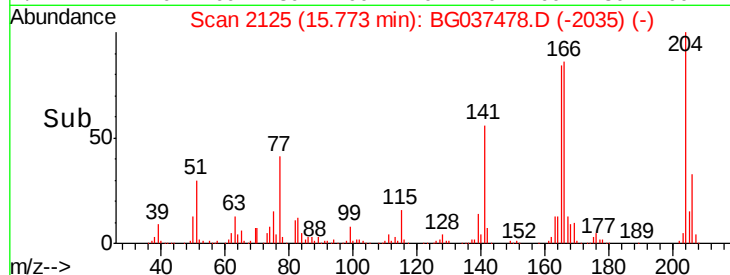
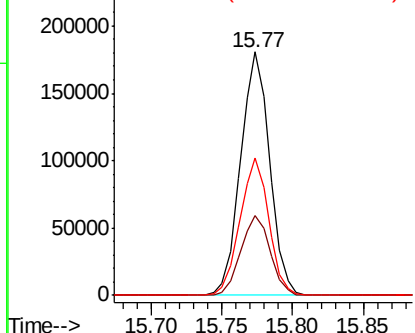
#61
 4-Chlorophenyl-phenylether
 Concen: 39.431 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BG037478.D
 Acq: 23 Oct 2018 16:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	204	Resp:	259793
Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	56.3	45.4	68.2

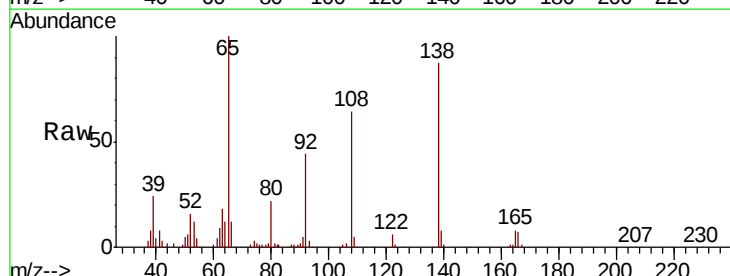


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

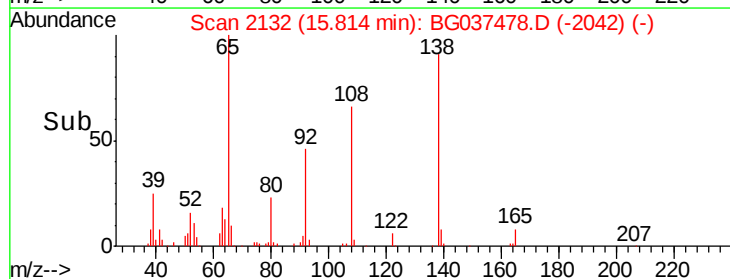
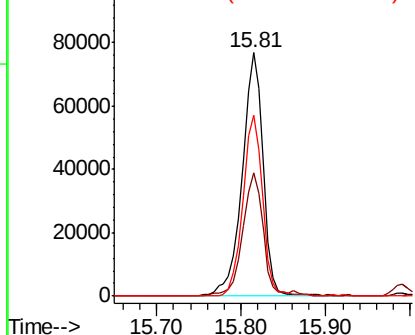


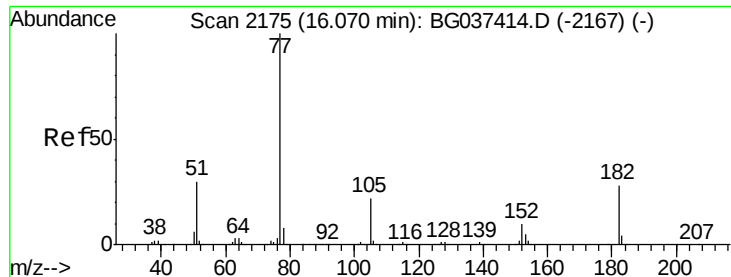
#62
 4-Nitroaniline
 Concen: 44.207 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG037478.D
 Acq: 23 Oct 2018 16:12

Tgt Ion:	138	Resp:	130990
Ion	Ratio	Lower	Upper
138	100		
92	50.4	36.4	76.4
108	74.2	60.1	100.1



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E

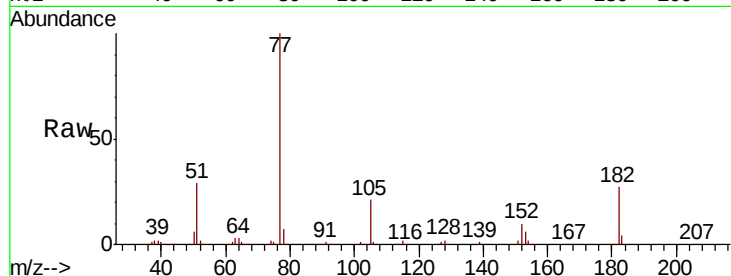




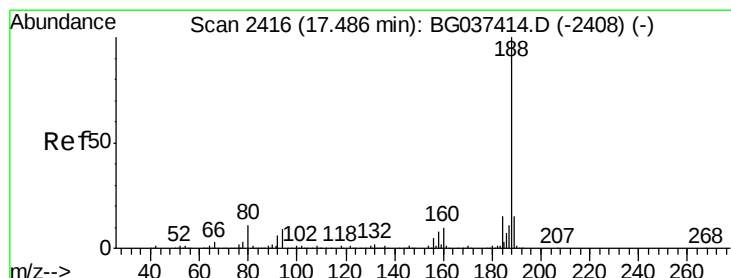
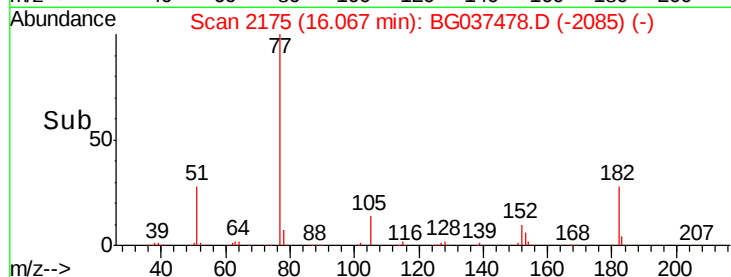
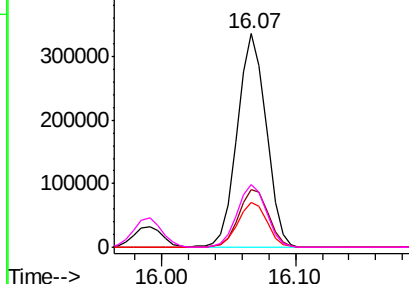
#63
Azobenzene
Concen: 42.325 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	503414
Ion	Ratio	Lower	Upper
77	100		
182	27.2	8.0	48.0
105	21.2	1.3	41.3
51	29.3	10.7	50.7

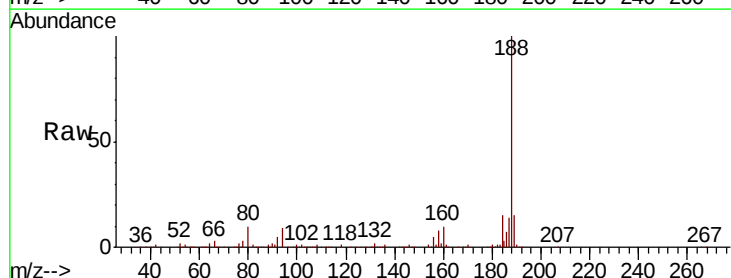


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

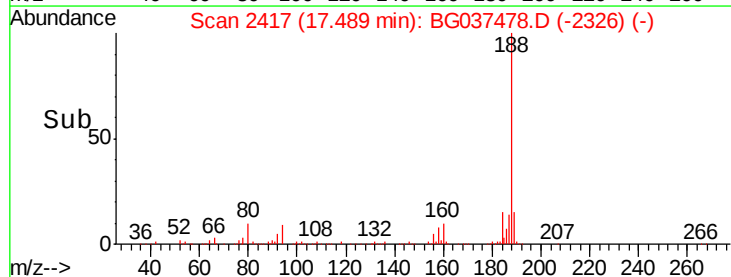
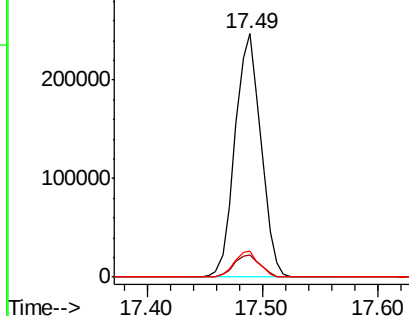


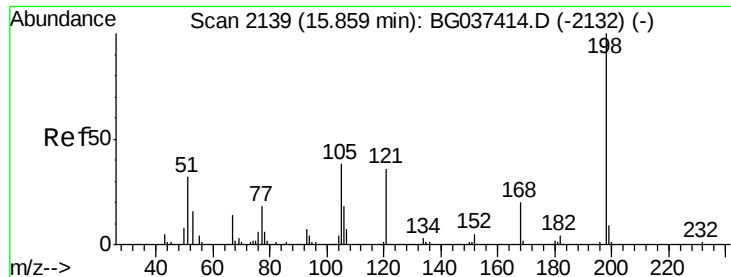
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Tgt Ion:	188	Resp:	384513
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.5	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

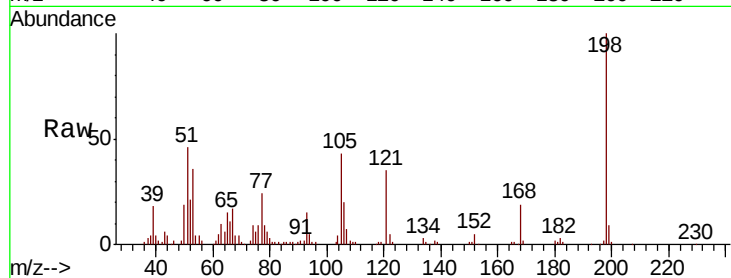




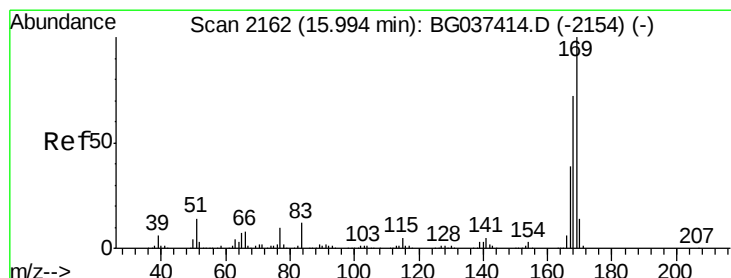
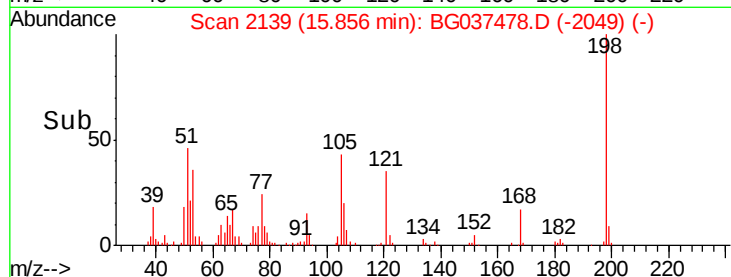
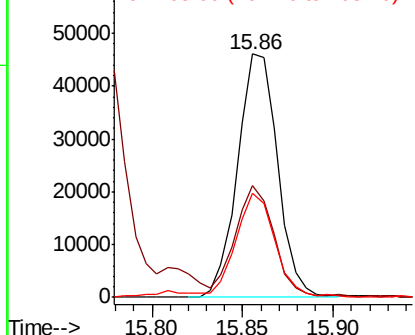
#65
4,6-Dinitro-2-methylphenol
Concen: 37.464 ng
RT: 15.86 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 71013
Ion Ratio Lower Upper
198 100
51 45.9 22.7 62.7
105 42.6 19.7 59.7

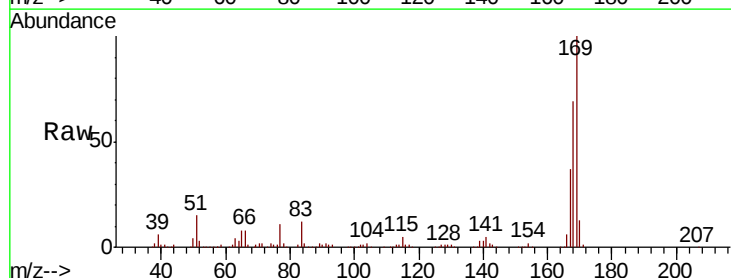


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

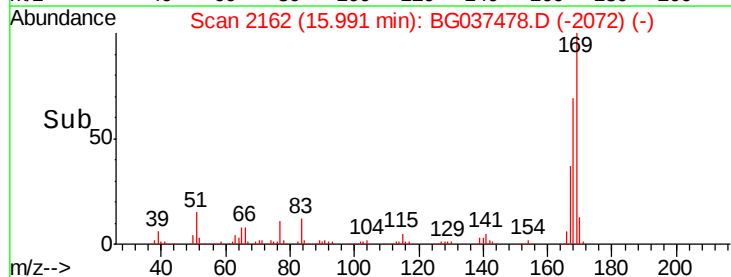
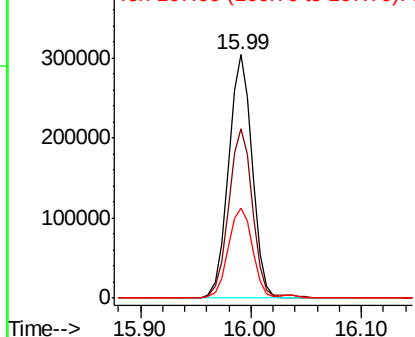


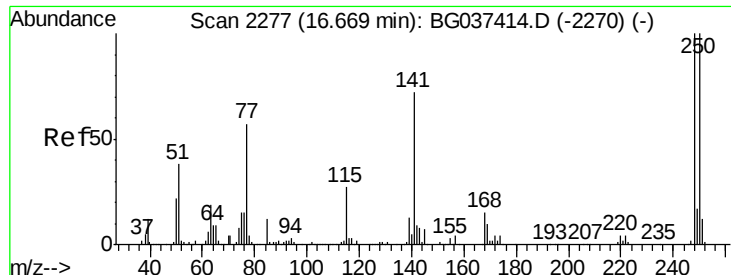
#66
n-Nitrosodiphenylamine
Concen: 39.449 ng
RT: 15.99 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Tgt Ion:169 Resp: 456277
Ion Ratio Lower Upper
169 100
168 69.5 55.7 83.5
167 37.0 31.3 46.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

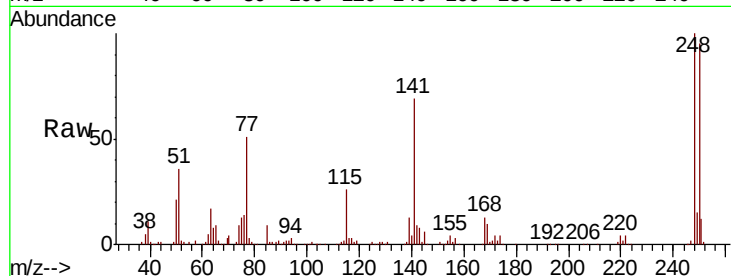




#67
 4-Bromophenyl-phenylether
 Concen: 38.066 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BG037478.D
 Acq: 23 Oct 2018 16:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	77.0	115.6
141	68.7	55.5	83.3

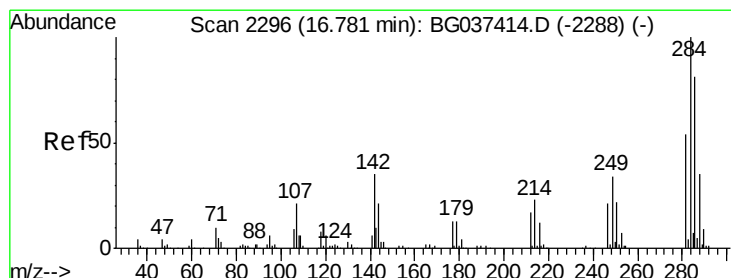
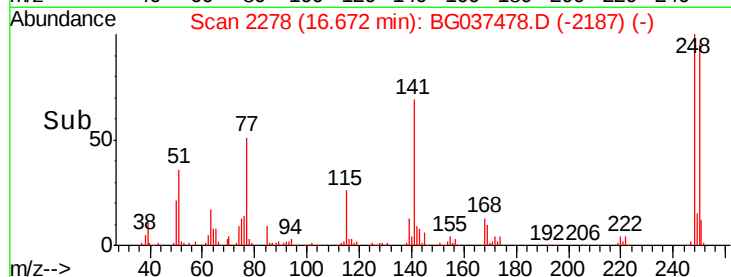
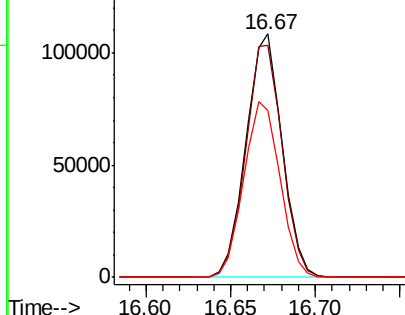


Abundance

Ion 248.00 (247.70 to 248.70): E

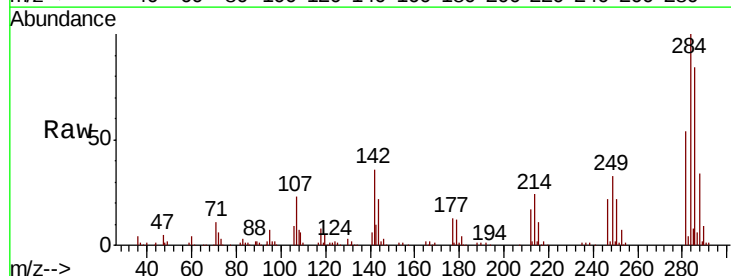
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 37.089 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037478.D
 Acq: 23 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.0	28.1	42.1
249	35.7	29.8	44.8

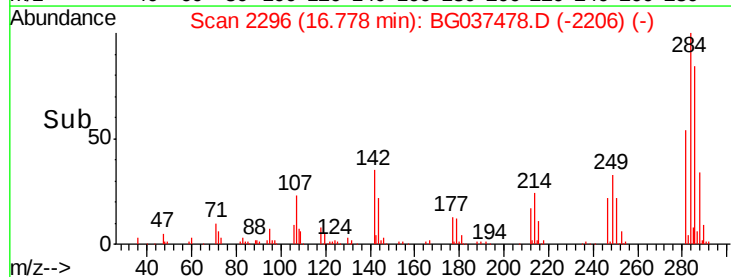
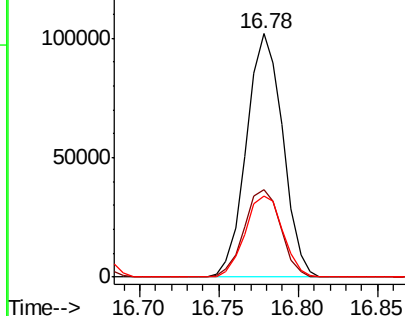


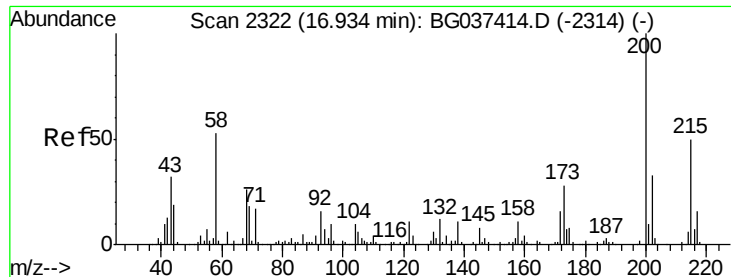
Abundance

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: 40.716 ng

RT: 16.93 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA_G

ClientSampleId :

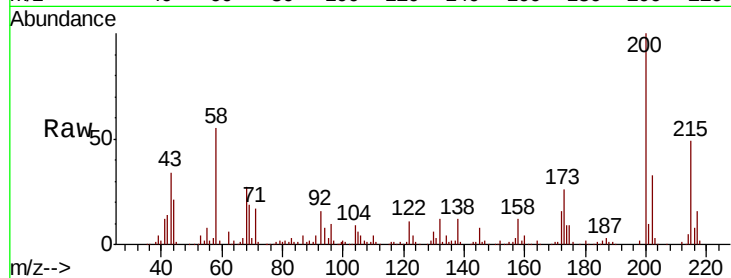
Tot Ion:200 Resp: 170266

Ion Ratio Lower Upper

200 100

173 25.6 6.1 46.1

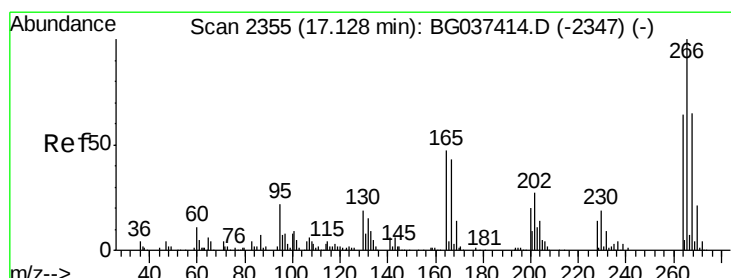
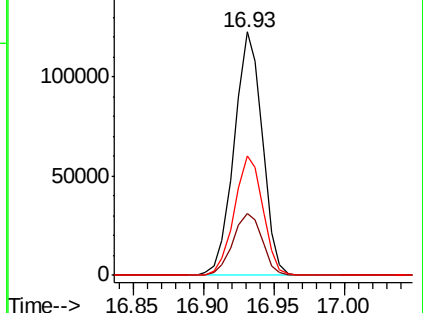
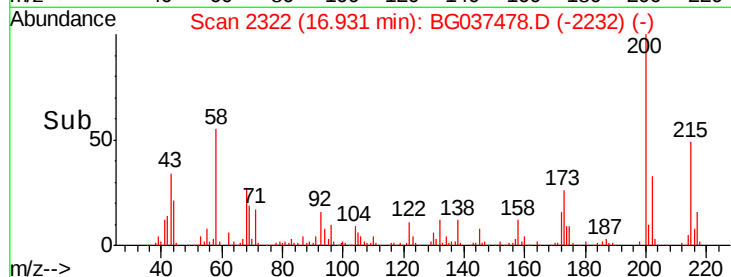
215 49.0 30.8 70.8



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: 66.186 ng

RT: 17.12 min Scan# 2355

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

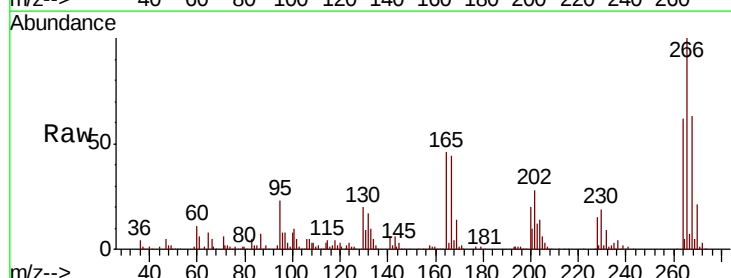
Tgt Ion:266 Resp: 194018

Ion Ratio Lower Upper

266 100

268 68.5 55.0 82.6

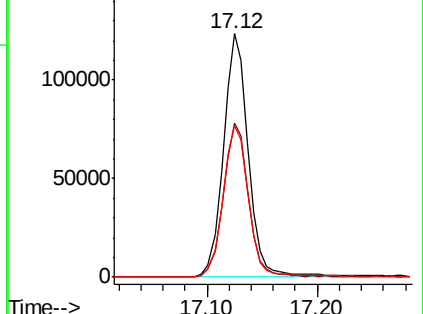
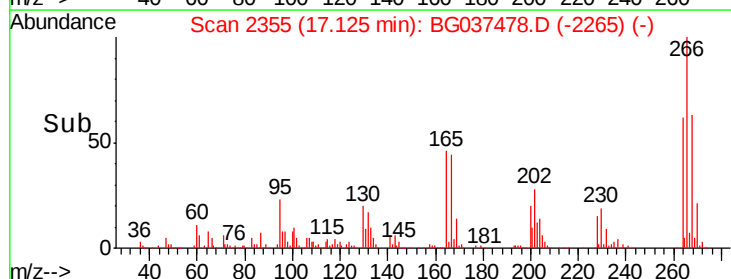
264 67.6 58.9 88.3

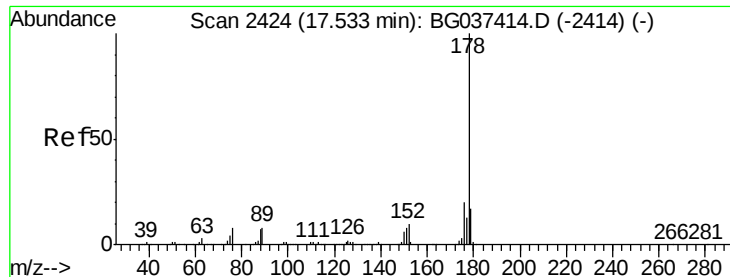


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

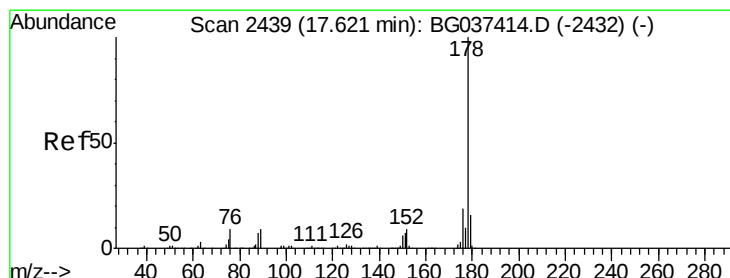
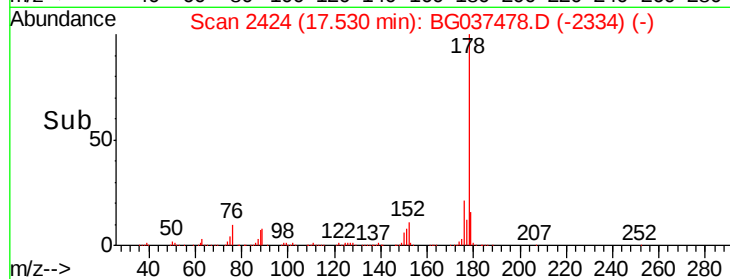
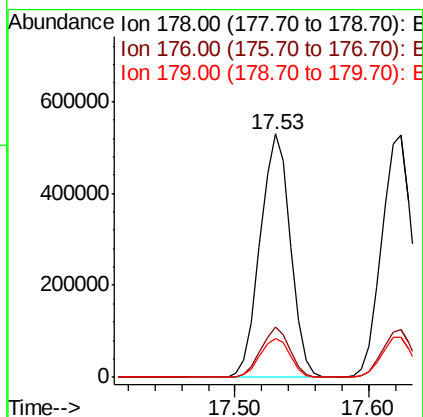
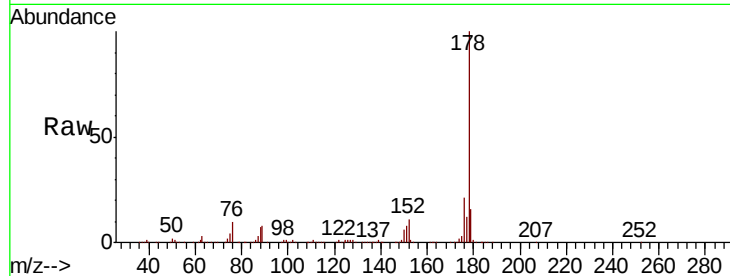




#71
Phenanthrene
Concen: 42.319 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

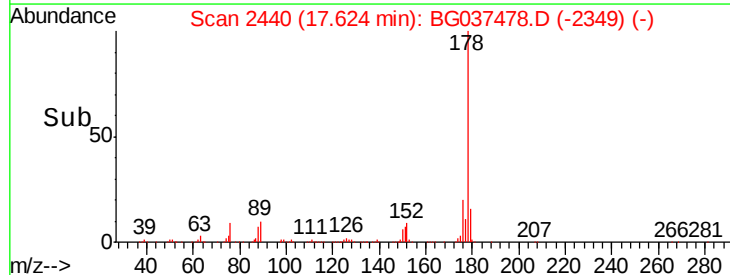
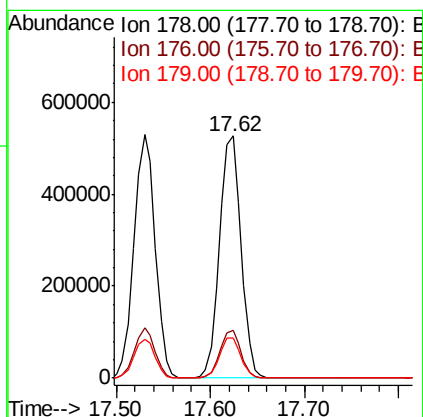
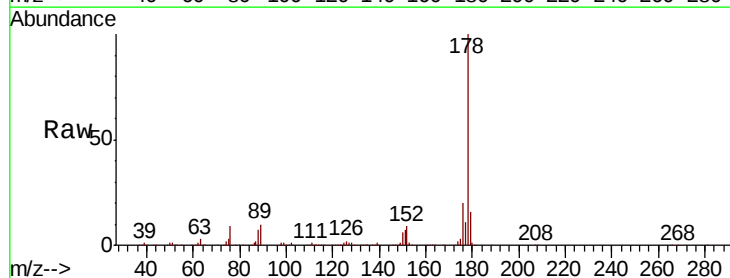
Instrument :
BNA_G
ClientSampleId :

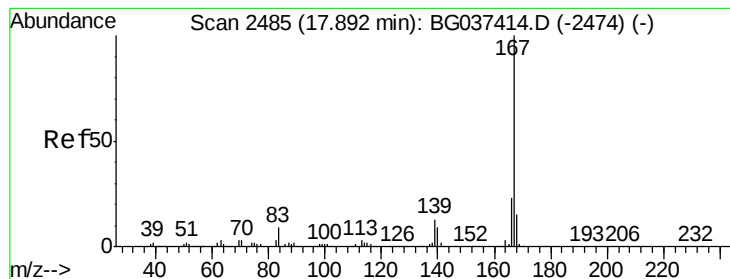
Tot Ion:178 Resp: 826997
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 16.2 13.0 19.4



#72
Anthracene
Concen: 43.910 ng
RT: 17.62 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Tgt Ion:178 Resp: 842099
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.4
179 16.5 12.8 19.2





#73

Carbazole

Concen: 40.350 ng

RT: 17.89 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA_G

ClientSampleId :

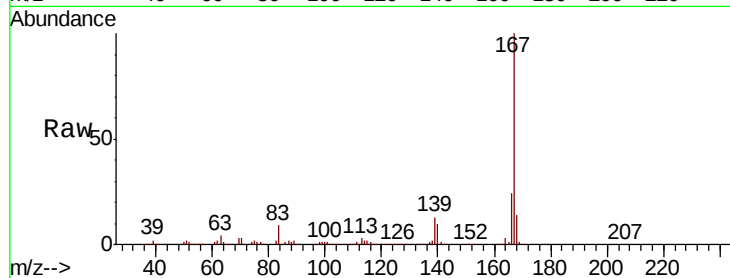
Tot Ion:167 Resp: 774050

Ion Ratio Lower Upper

167 100

166 23.6 18.3 27.5

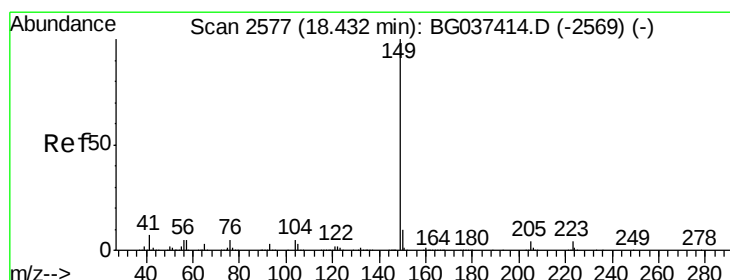
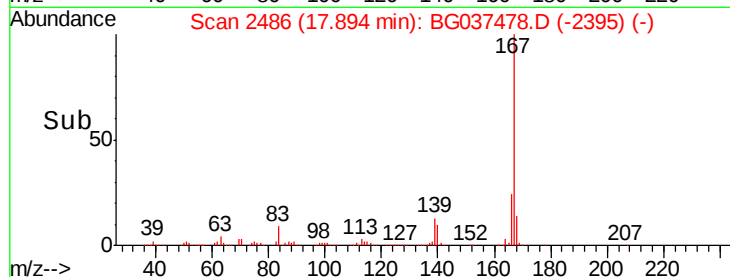
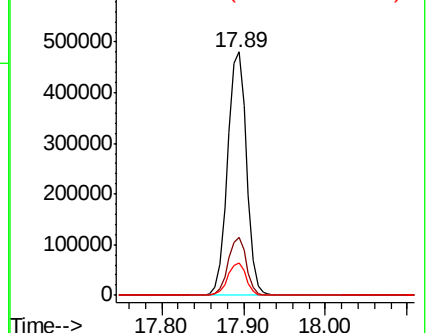
139 13.2 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.806 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

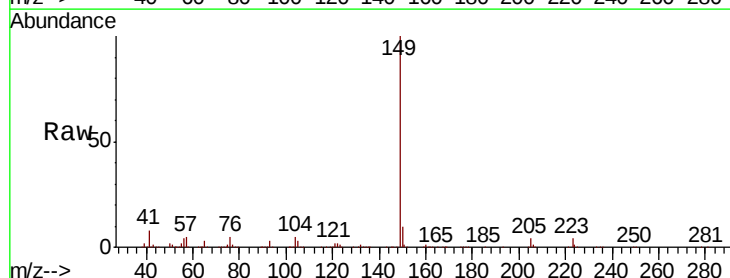
Tgt Ion:149 Resp: 913488

Ion Ratio Lower Upper

149 100

150 10.4 8.2 12.2

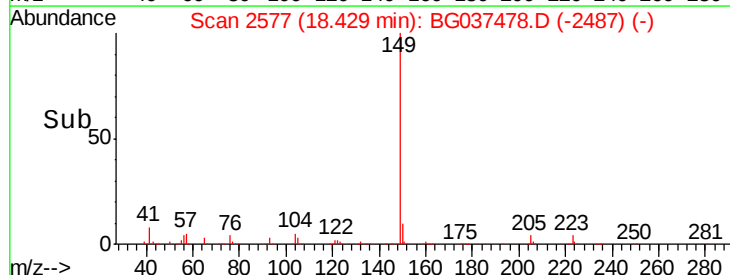
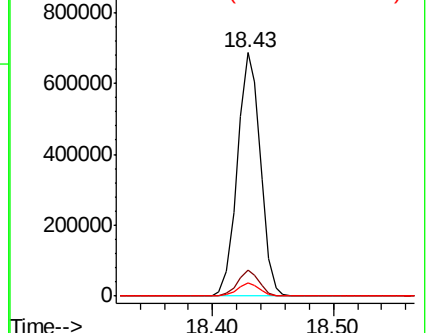
104 5.3 4.0 6.0

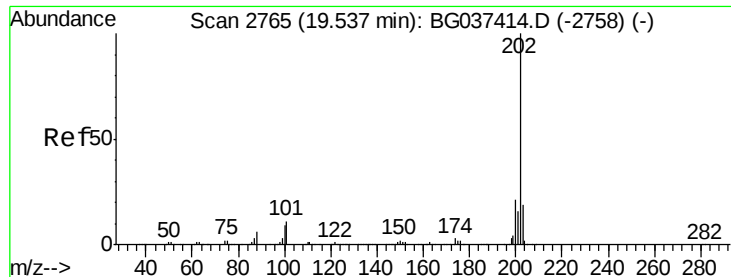


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.216 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA_G

ClientSampleId :

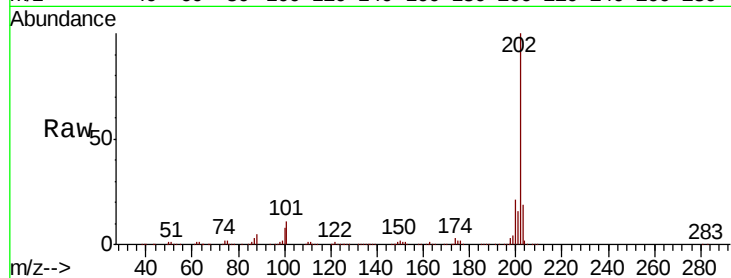
Tot Ion:202 Resp: 980014

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.7

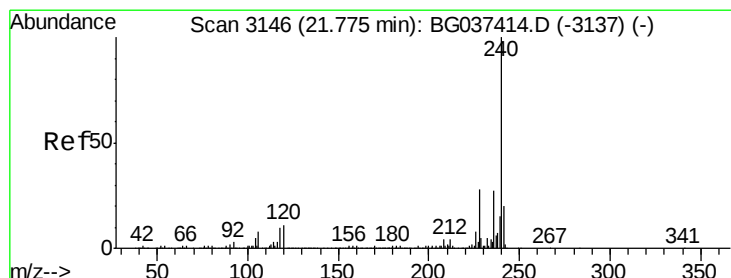
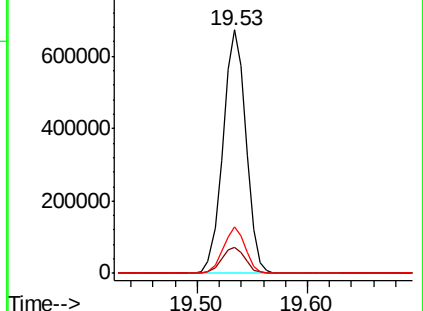
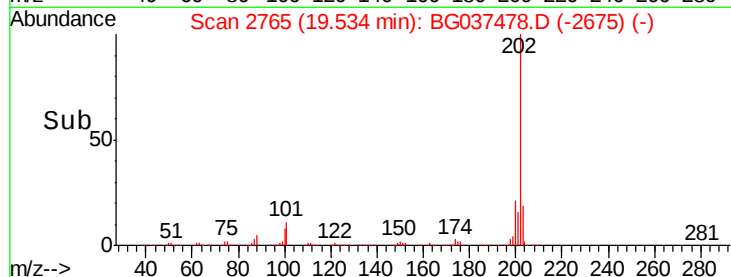
203 19.0 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

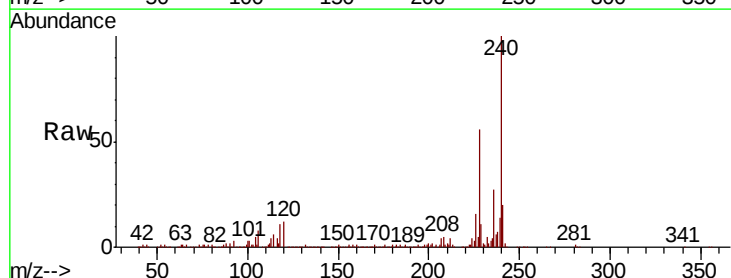
Tgt Ion:240 Resp: 349734

Ion Ratio Lower Upper

240 100

120 11.6 8.1 12.1

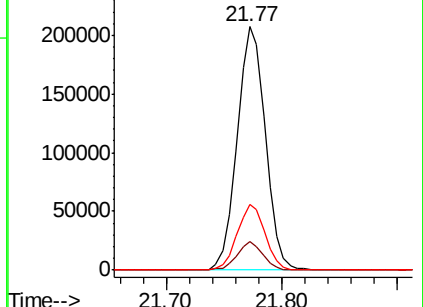
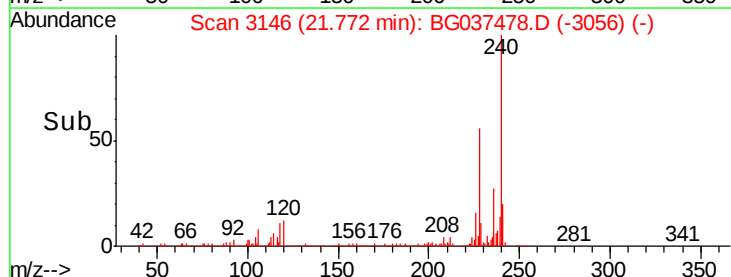
236 26.8 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.877 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA_G

ClientSampleId :

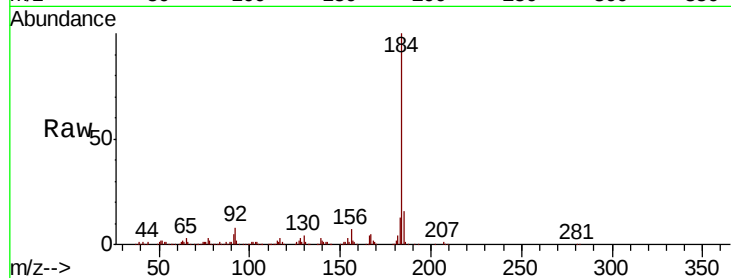
Tot Ion:184 Resp: 486104

Ion Ratio Lower Upper

184 100

185 16.3 12.6 18.8

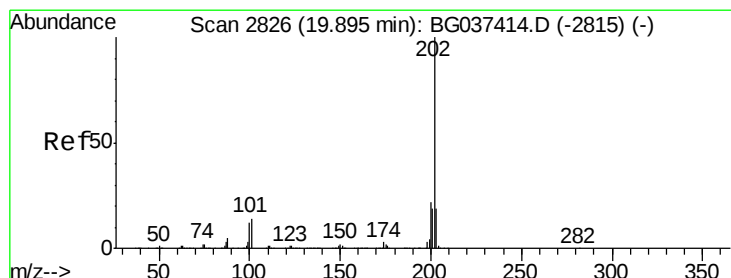
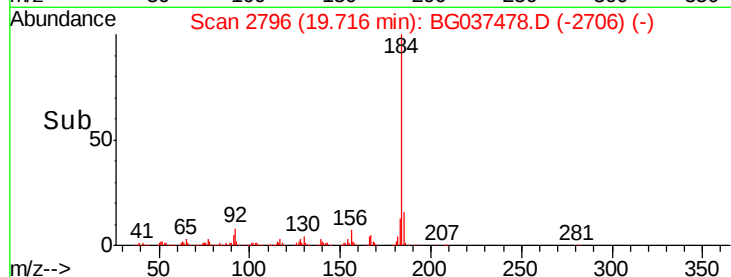
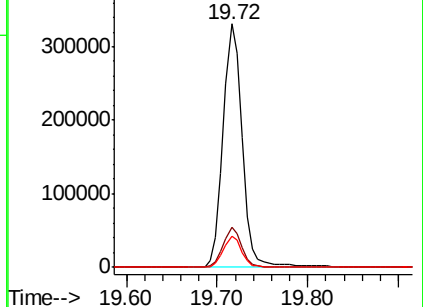
183 12.8 10.2 15.2



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: 42.285 ng

RT: 19.90 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

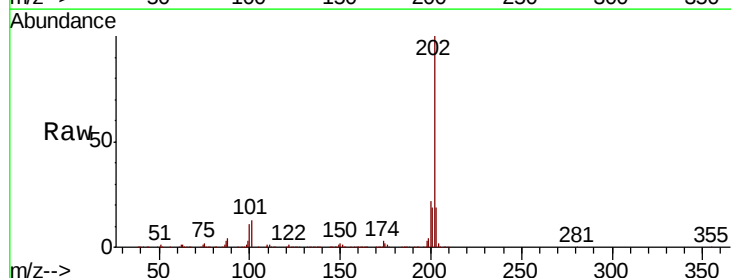
Tgt Ion:202 Resp: 966735

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.6

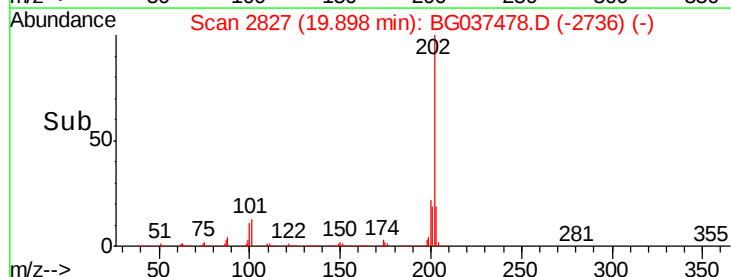
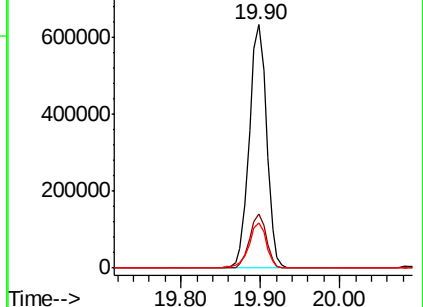
203 18.7 15.2 22.8



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: 72.758 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

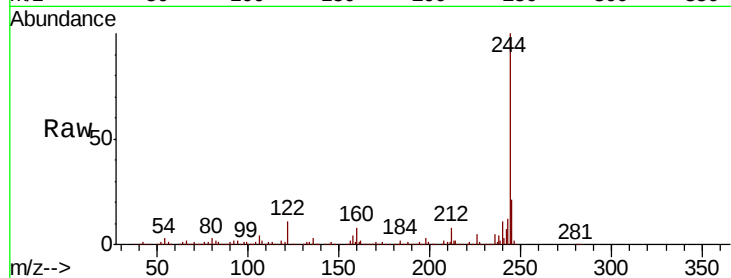
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1190860

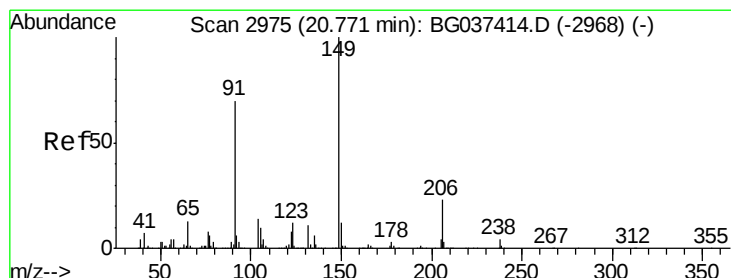
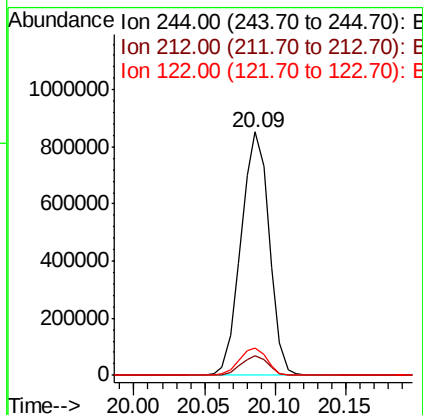
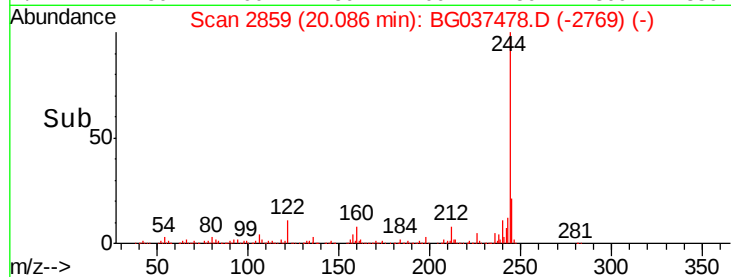
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.3	9.0	13.4



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: 43.545 ng

RT: 20.77 min Scan# 2975

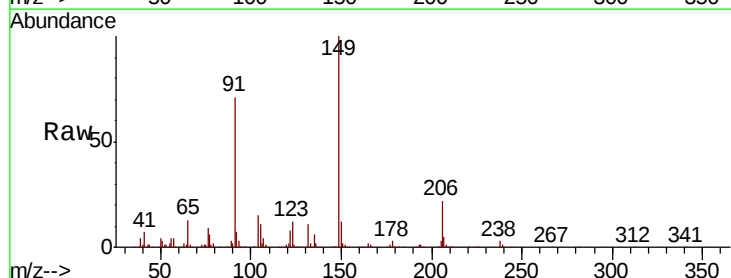
Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Tgt Ion:149 Resp: 407443

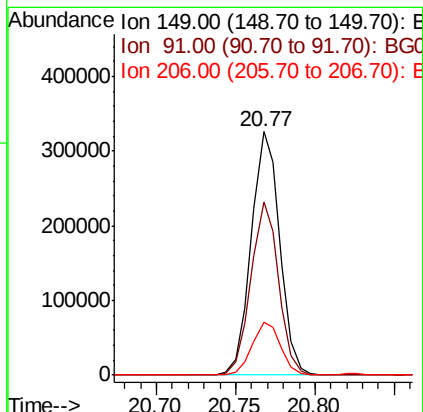
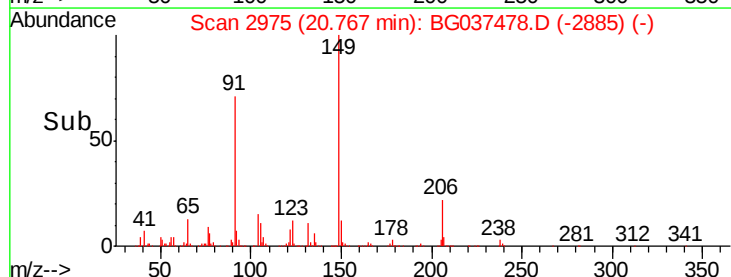
Ion	Ratio	Lower	Upper
149	100		
91	71.1	57.0	85.4
206	22.0	17.8	26.6

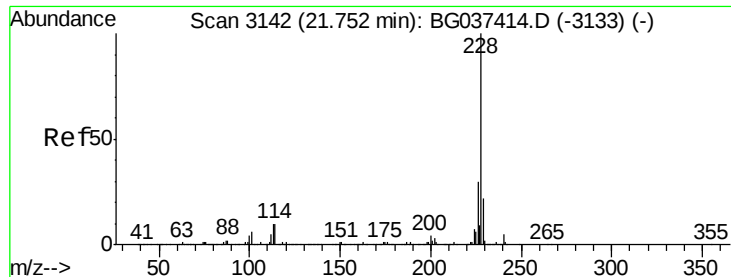


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

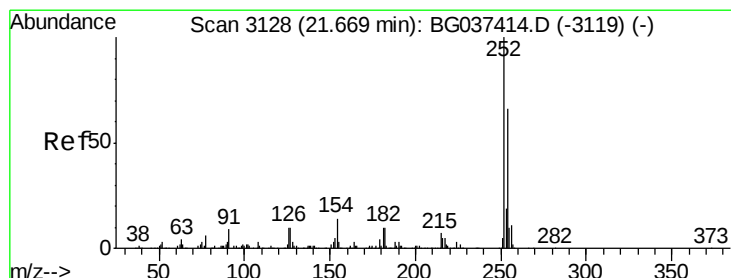
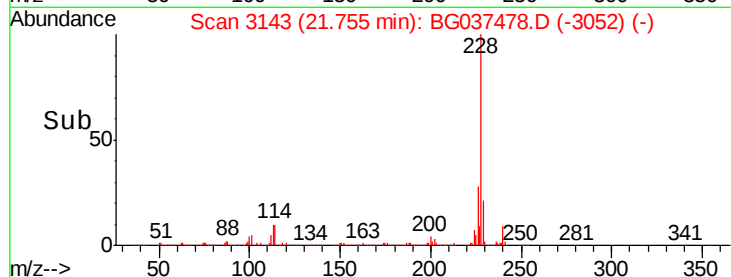
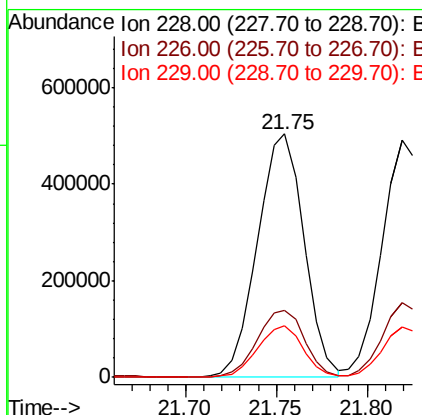
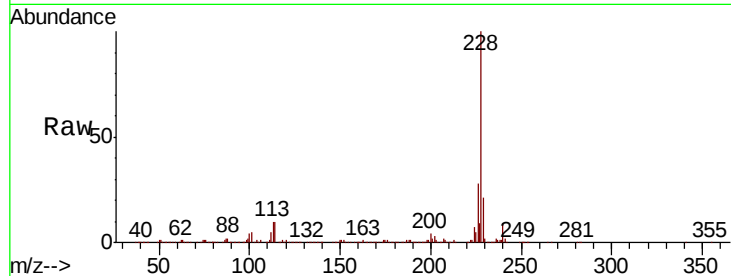




#81
Benzo(a)anthracene
Concen: 43.588 ng
RT: 21.75 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

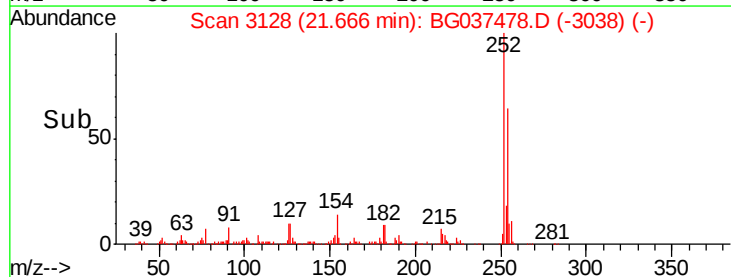
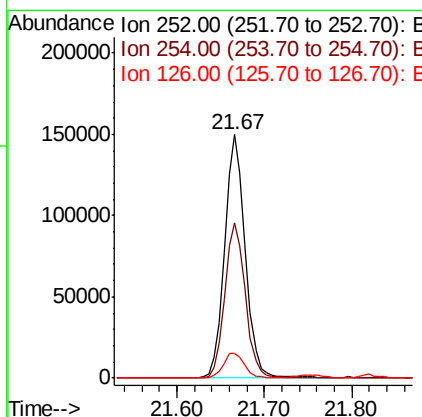
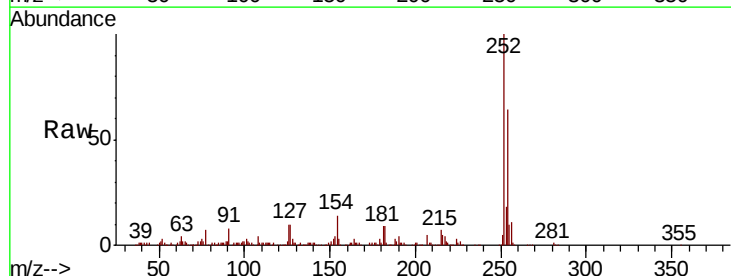
Instrument :
BNA_G
ClientSampleId :

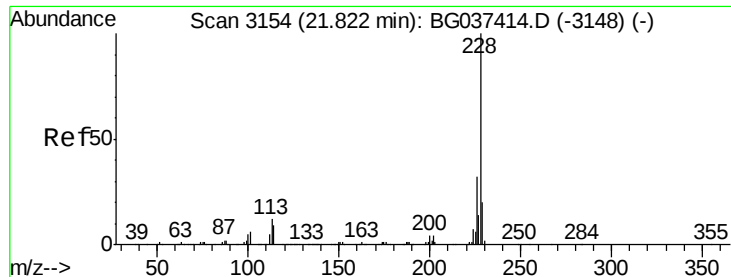
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	21.2	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 30.397 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.0	78.0
126	10.1	8.2	12.4





#83

Chrysene

Concen: 42.456 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA_G

ClientSampleId :

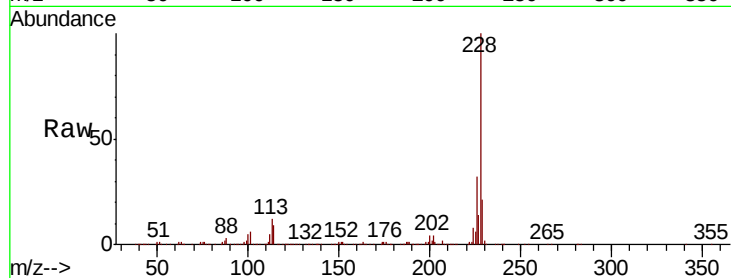
Tot Ion:228 Resp: 844504

Ion Ratio Lower Upper

228 100

226 31.6 25.7 38.5

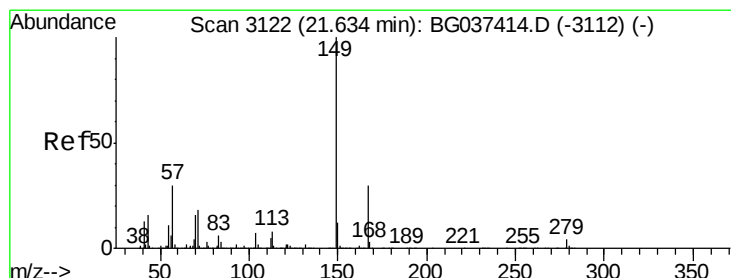
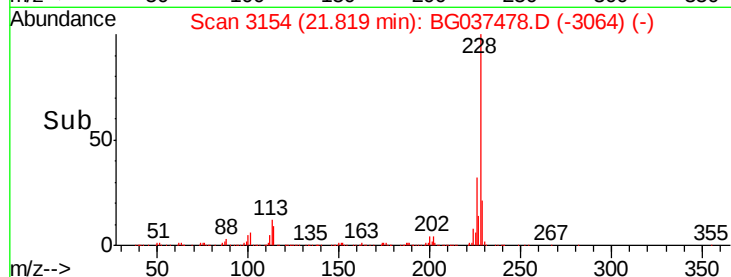
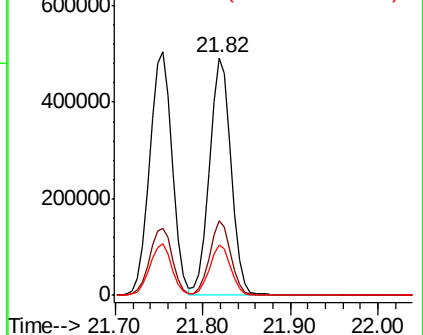
229 21.0 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.731 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

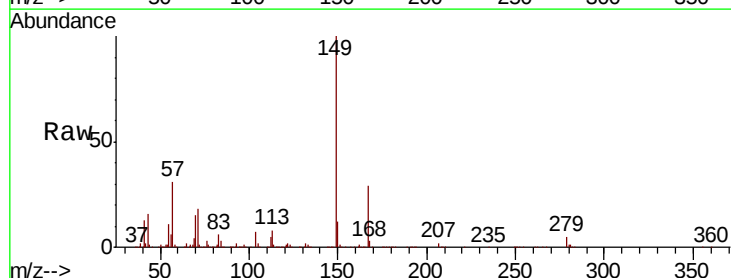
Tgt Ion:149 Resp: 573556

Ion Ratio Lower Upper

149 100

167 28.9 23.0 34.4

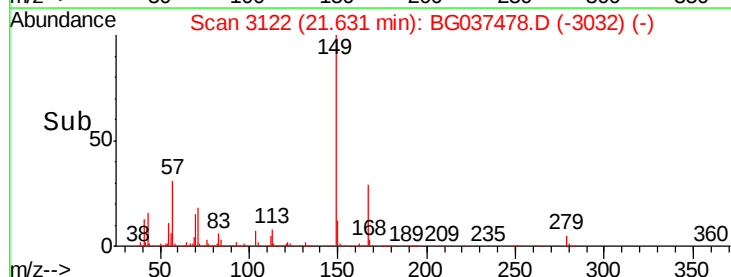
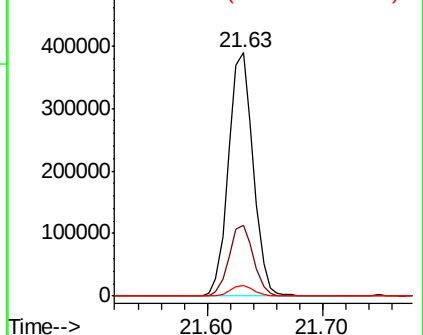
279 4.5 3.6 5.4

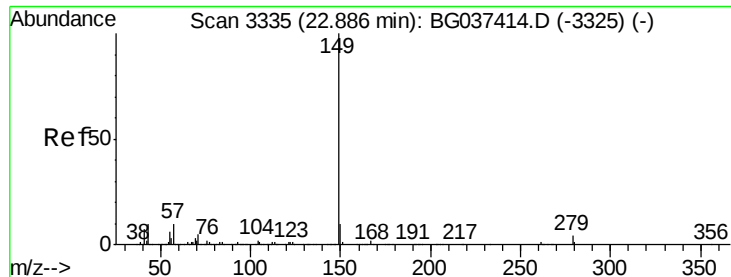


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

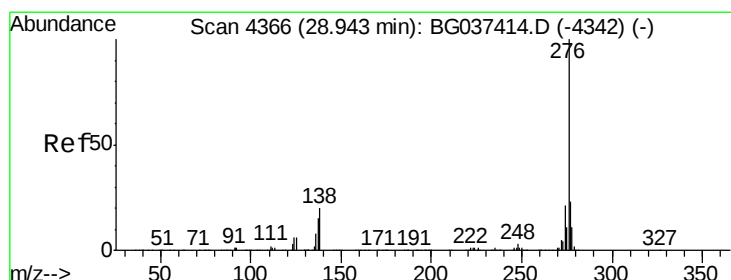
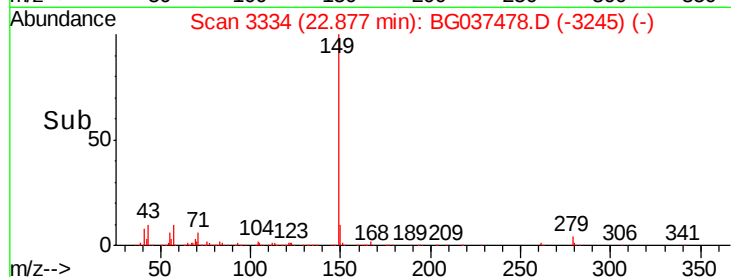
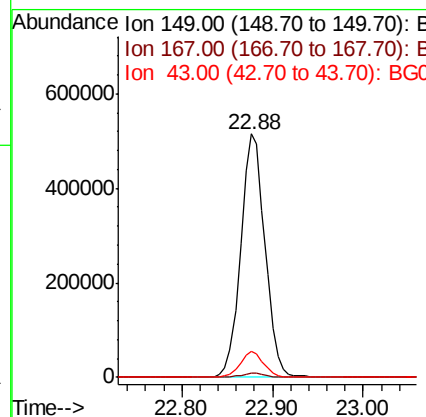
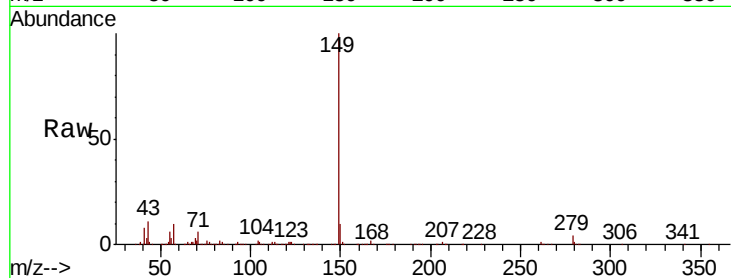




#85
Di-n-octyl phthalate
Concen: 44.764 ng
RT: 22.88 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

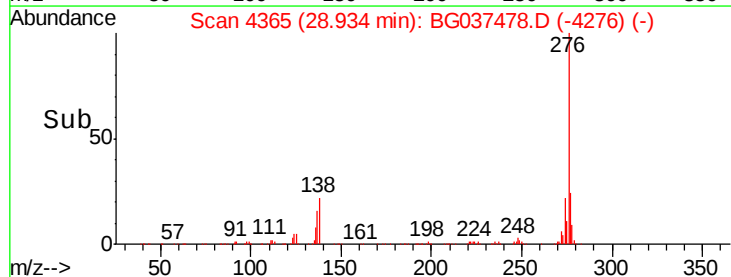
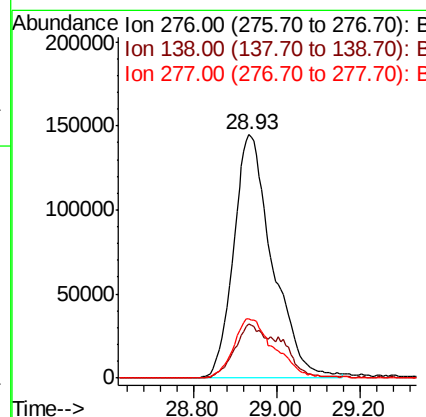
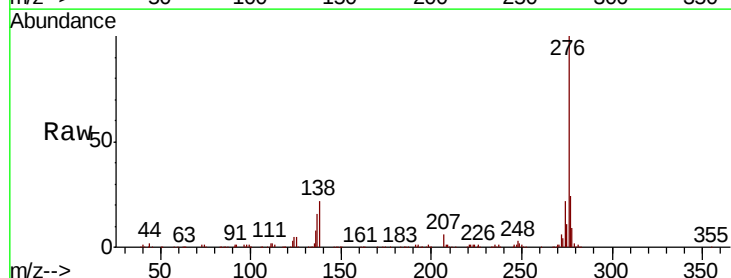
Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 957377
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.3 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.885 ng
RT: 28.93 min Scan# 4365
Delta R.T. -0.01 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Tgt Ion:276 Resp: 936274
Ion Ratio Lower Upper
276 100
138 19.6 12.0 18.0#
277 25.6 20.6 30.8



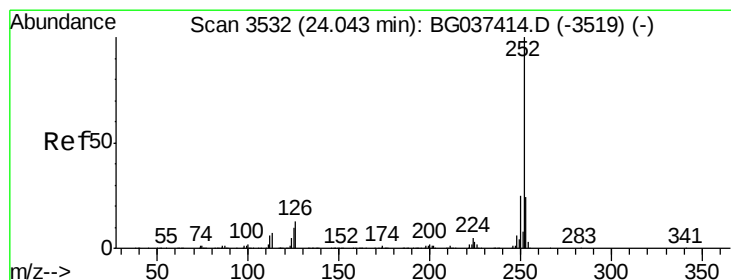
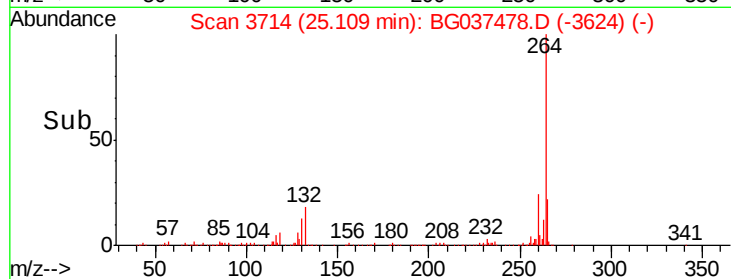
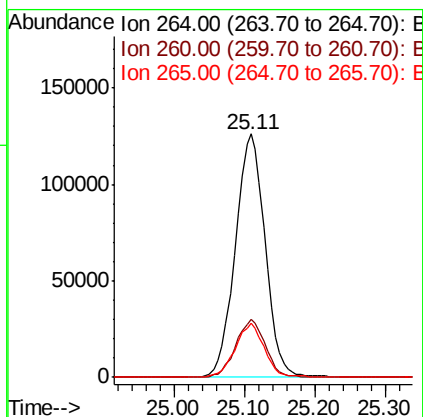
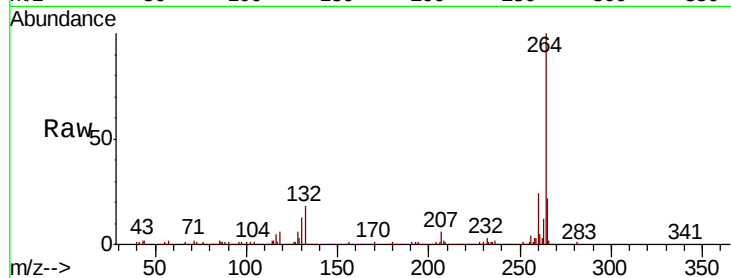


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 370265

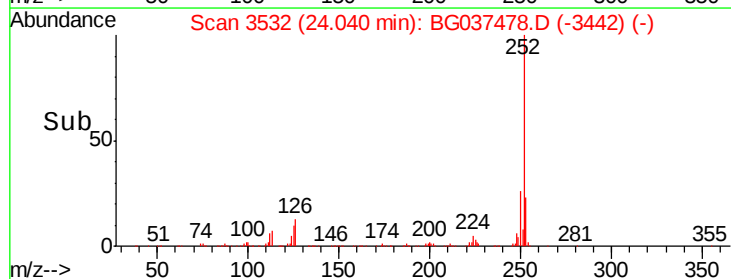
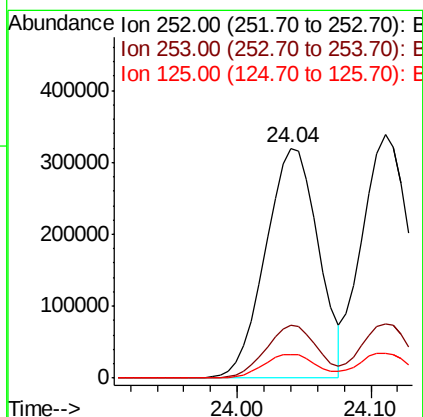
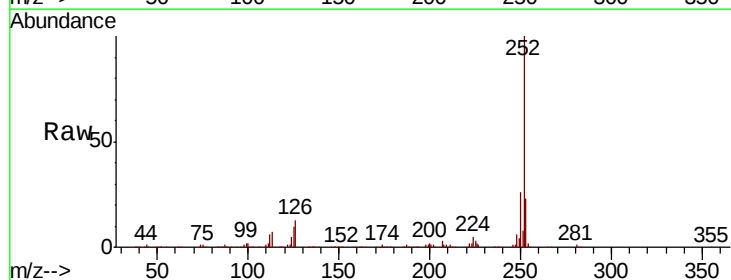
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	22.1	17.9	26.9

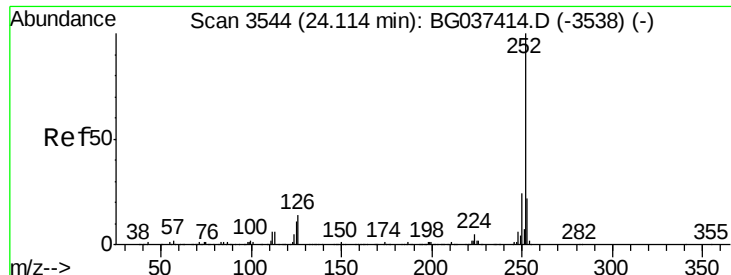


#88
Benzo(b)fluoranthene
Concen: 43.328 ng
RT: 24.04 min Scan# 3532
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Tgt Ion:252 Resp: 879528

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	10.2	7.8	11.6

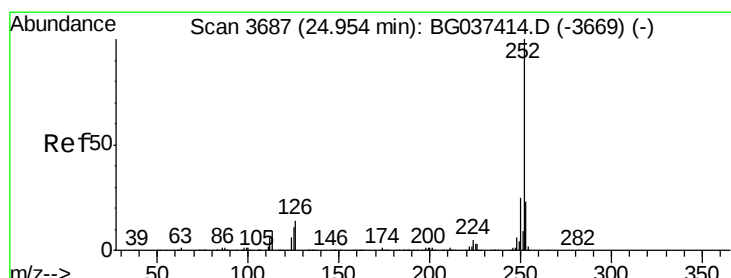
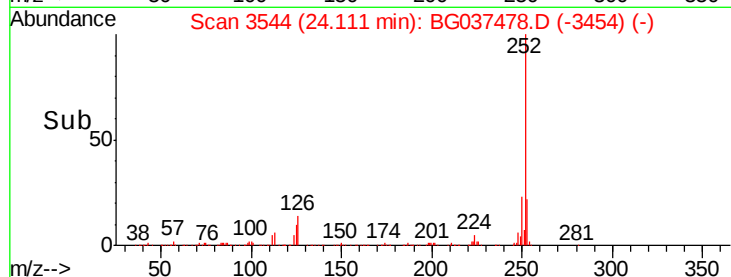
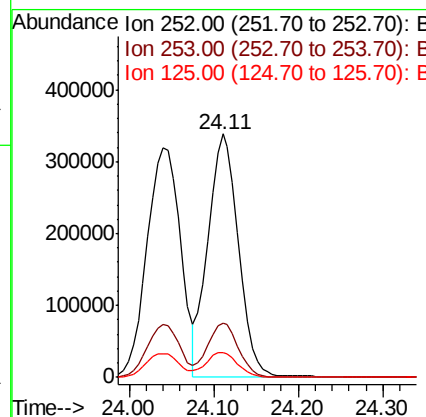
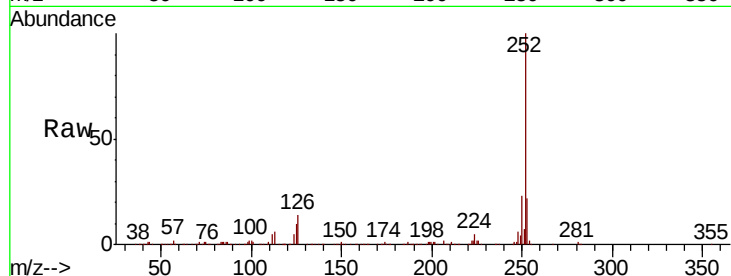




#89
Benzo(k)fluoranthene
Concen: 42.677 ng
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

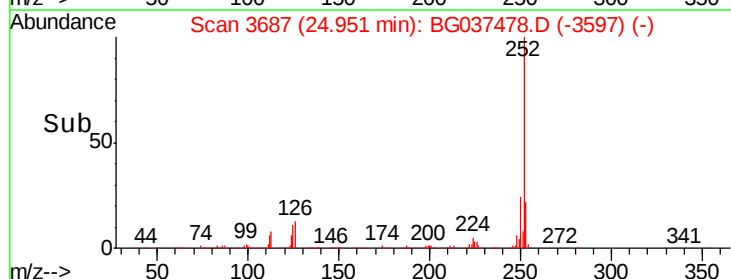
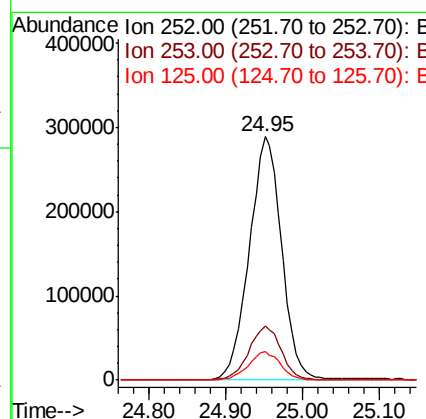
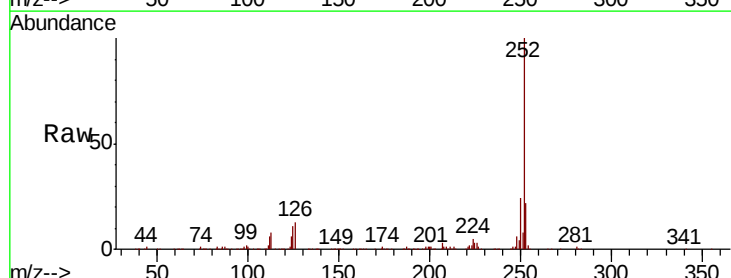
Instrument :
BNA_G
ClientSampleId :

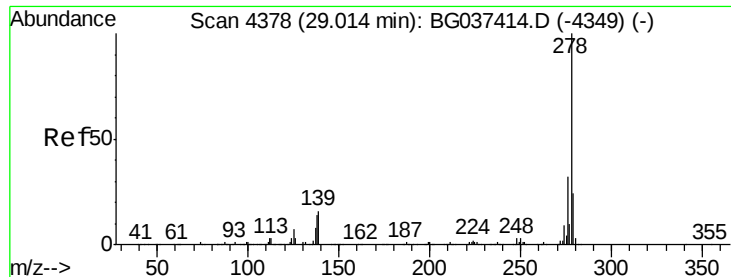
Tot Ion:252 Resp: 848764
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 10.1 7.4 11.0



#90
Benzo(a)pyrene
Concen: 44.074 ng
RT: 24.95 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Tgt Ion:252 Resp: 850149
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 11.5 9.0 13.6

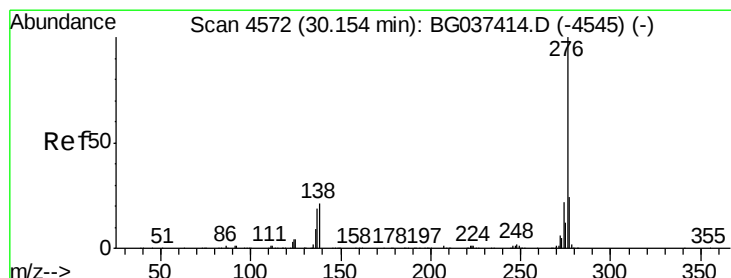
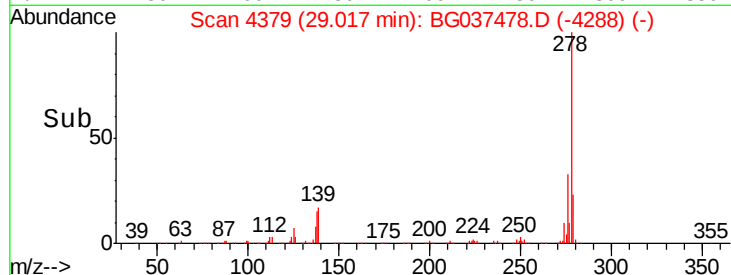
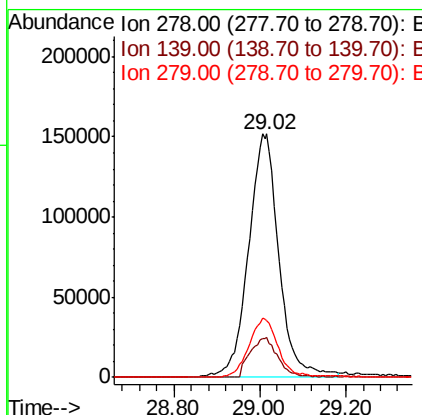
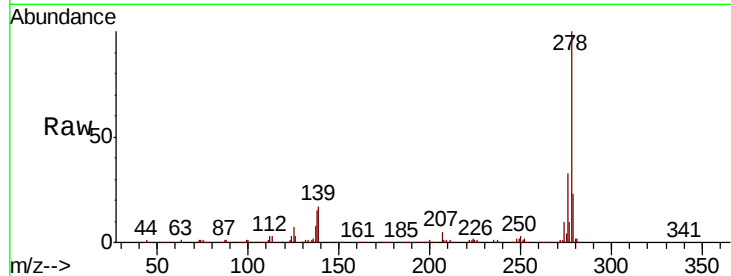




#91
Dibenzo(a,h)anthracene
Concen: 42.810 ng
RT: 29.02 min Scan# 4379
Delta R.T. 0.00 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	11.5	17.3
279	23.4	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 43.398 ng
RT: 30.14 min Scan# 4571
Delta R.T. -0.01 min
Lab File: BG037478.D
Acq: 23 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.9	28.3
138	22.4	17.2	25.8

