

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037800.D
 Acq On : 5 Nov 2018 13:14
 Operator : JU/SJ
 Sample : PB114322BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 05 15:54:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 05 13:45:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51973	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	237068	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	155520	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	352559	20.00	ng	0.00
76) Chrysene-d12	21.76	240	318534	20.00	ng	0.00
87) Perylene-d12	25.09	264	315520	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	510697	164.28	ng	0.00
7) Phenol-d6	7.24	99	724475	154.12	ng	0.00
23) Nitrobenzene-d5	9.27	82	332028	78.46	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	268245	158.14	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	831104	80.59	ng	0.00
79) Terphenyl-d14	20.07	244	1166307	78.24	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	62373	39.564	ng	95
3) Pyridine	3.92	79	137233	34.537	ng	94
4) n-Nitrosodimethylamine	3.85	42	58181	41.109	ng	89
6) Aniline	7.42	93	184006	32.087	ng	97
8) 2-Chlorophenol	7.65	128	159608	43.888	ng	98
9) Benzaldehyde	7.24	77	110363	37.532	ng	91
10) Phenol	7.27	94	210907	42.523	ng	98
11) bis(2-Chloroethyl)ether	7.51	93	145921	38.737	ng	94
12) 1,3-Dichlorobenzene	7.98	146	163960	40.497	ng	98
13) 1,4-Dichlorobenzene	8.13	146	166213	40.135	ng	97
14) 1,2-Dichlorobenzene	8.45	146	160328	40.245	ng	97
15) Benzyl Alcohol	8.33	79	140055	40.323	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	257359	38.183	ng	97
17) 2-Methylphenol	8.53	107	145078	44.245	ng	99
18) Hexachloroethane	9.17	117	57567	40.773	ng	93
19) n-Nitroso-di-n-propylamine	8.90	70	119165	36.813	ng	93
20) 3+4-Methylphenols	8.86	107	201234	42.924	ng	99
22) Acetophenone	8.92	105	235110	39.544	ng	# 97
24) Nitrobenzene	9.32	77	178385	40.576	ng	93
25) Isophorone	9.83	82	341617	44.180	ng	98
26) 2-Nitrophenol	10.03	139	88171	44.519	ng	96
27) 2,4-Dimethylphenol	10.07	122	170669	48.264	ng	98
28) bis(2-Chloroethoxy)methane	10.31	93	209819	41.416	ng	96
29) 2,4-Dichlorophenol	10.56	162	170911	43.409	ng	97
30) 1,2,4-Trichlorobenzene	10.77	180	176399	41.199	ng	94
31) Naphthalene	10.97	128	516328	44.342	ng	100
32) Benzoic acid	10.19	122	80003	34.833	ng	93
33) 4-Chloroaniline	11.08	127	141871	25.931	ng	96
34) Hexachlorobutadiene	11.23	225	102964	40.575	ng	99
35) Caprolactam	11.87	113	60630	38.396	ng	91
36) 4-Chloro-3-methylphenol	12.18	107	183862	41.408	ng	97
37) 2-Methylnaphthalene	12.56	142	392104	46.194	ng	99
38) 1-Methylnaphthalene	12.78	142	373938	45.363	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	210676	41.998	ng	98

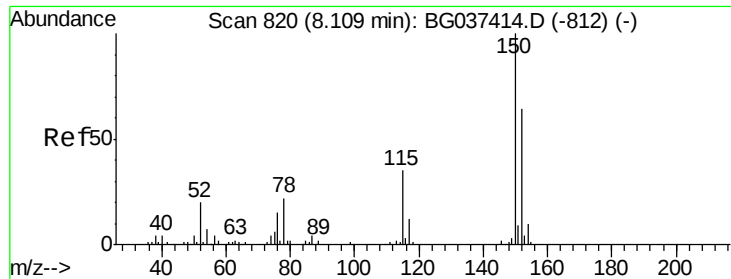
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	251653	105.022	nq	98
43) 2,4,6-Trichlorophenol	13.16	196	145156	43.313	nq	99
44) 2,4,5-Trichlorophenol	13.23	196	155601	42.644	nq	97
46) 1,1'-Biphenyl	13.56	154	504424	39.164	nq	99
47) 2-Chloronaphthalene	13.61	162	403521	41.412	nq	98
48) 2-Nitroaniline	13.82	65	123227	41.703	nq	89
49) Acenaphthylene	14.46	152	661614	45.137	nq	99
50) Dimethylphthalate	14.18	163	496331	41.253	nq	100
51) 2,6-Dinitrotoluene	14.31	165	111723	41.976	nq	93
52) Acenaphthene	14.79	154	381642	42.277	nq	98
53) 3-Nitroaniline	14.64	138	97407	32.967	nq	# 96
54) 2,4-Dinitrophenol	14.84	184	67849	65.406	nq	99
55) Dibenzofuran	15.13	168	617640	41.296	nq	99
56) 4-Nitrophenol	14.94	139	229919	105.126	nq	97
57) 2,4-Dinitrotoluene	15.09	165	156413	44.769	nq	95
58) Fluorene	15.77	166	498142	44.476	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	137073	43.875	nq	98
60) Diethylphthalate	15.53	149	511490	41.410	nq	100
61) 4-Chlorophenyl-phenylether	15.76	204	263282	40.330	nq	98
62) 4-Nitroaniline	15.81	138	121880	41.512	nq	89
63) Azobenzene	16.05	77	477287	40.499	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	69921	39.603	nq	98
66) n-Nitrosodiphenylamine	15.98	169	446640	42.116	nq	97
67) 4-Bromophenyl-phenylether	16.66	248	162534	41.980	nq	97
68) Hexachlorobenzene	16.77	284	166426	41.475	nq	96
69) Atrazine	16.92	200	162604	42.408	nq	99
70) Pentachlorophenol	17.12	266	170568	63.460	nq	98
71) Phenanthrene	17.52	178	789858	44.081	nq	99
72) Anthracene	17.61	178	806148	45.845	nq	98
73) Carbazole	17.88	167	710922	40.418	nq	99
74) Di-n-butylphthalate	18.42	149	831759	42.509	nq	99
75) Fluoranthene	19.52	202	891578	43.871	nq	99
77) Benzidine	19.71	184	388466	35.866	nq	99
78) Pyrene	19.89	202	890872	42.783	nq	100
80) Butylbenzylphthalate	20.76	149	367152	43.083	nq	97
81) Benzo(a)anthracene	21.74	228	834340	44.283	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	234002	32.042	nq	99
83) Chrysene	21.81	228	784401	43.297	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	524006	43.867	nq	98
85) Di-n-octyl phthalate	22.85	149	874475	44.893	nq	96
86) Indeno(1,2,3-cd)pyrene	28.90	276	712189	36.651	nq	# 93
88) Benzo(b)fluoranthene	24.02	252	786386	45.461	nq	98
89) Benzo(k)fluoranthene	24.09	252	792827	46.782	nq	100
90) Benzo(a)pyrene	24.93	252	767305	46.681	nq	98
91) Dibenzo(a,h)anthracene	28.98	278	541508	35.715	nq	100
92) Benzo(g,h,i)perylene	30.11	276	597732	38.967	nq	98

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

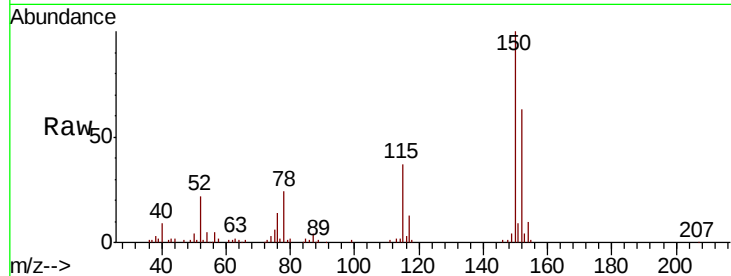


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.0	189.0
115	58.9	45.5	68.3

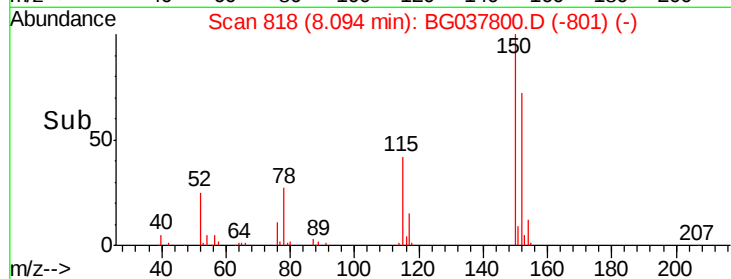
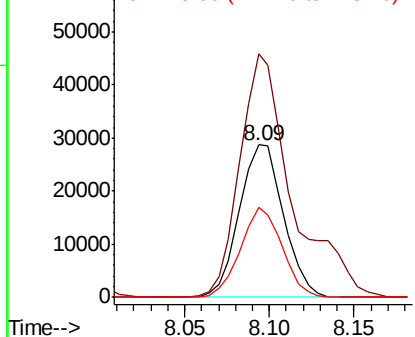


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

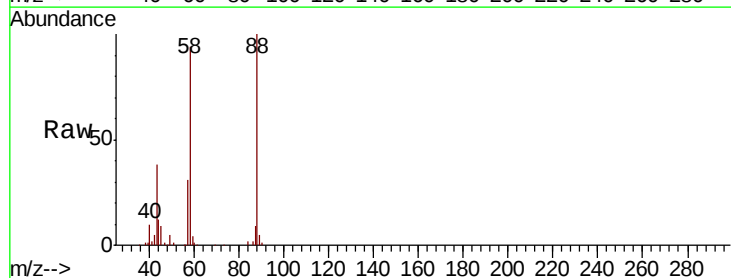
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.564 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.0	74.4	111.6
43	31.9	25.8	38.8

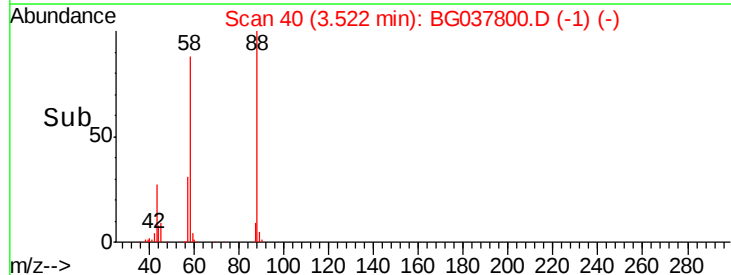
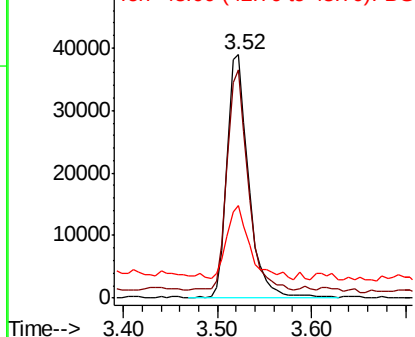


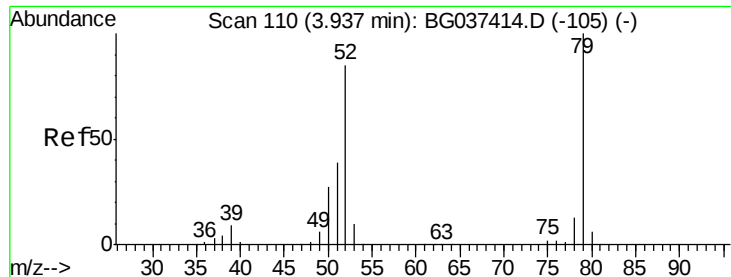
Abundance

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: 34.537 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

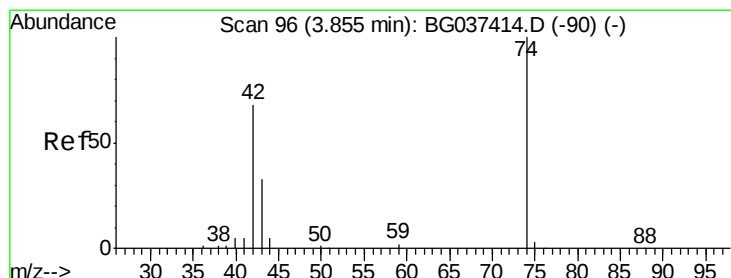
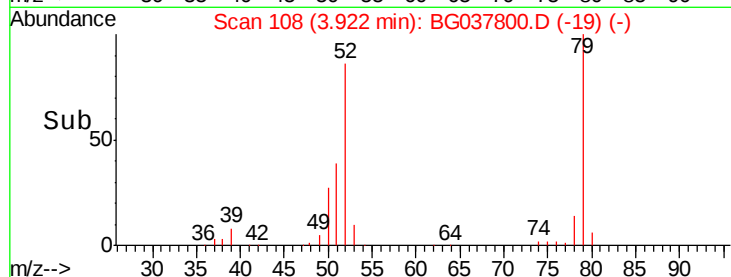
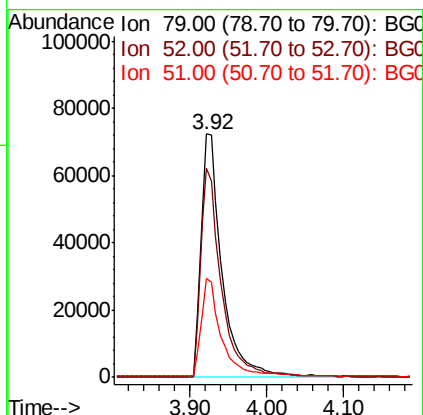
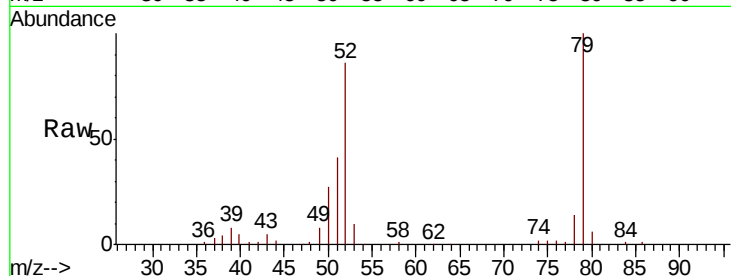
Tot Ion: 79 Resp: 137233

Ion Ratio Lower Upper

79 100

52 85.7 74.2 111.2

51 40.5 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 41.109 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

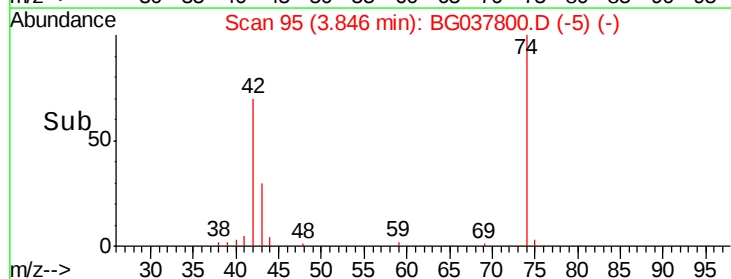
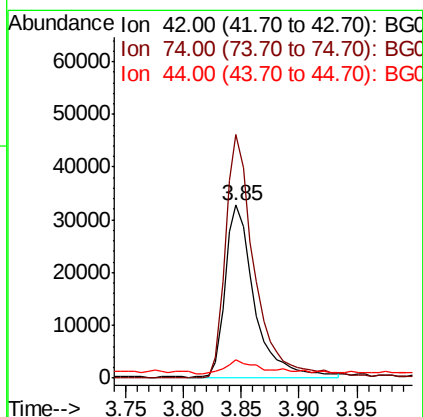
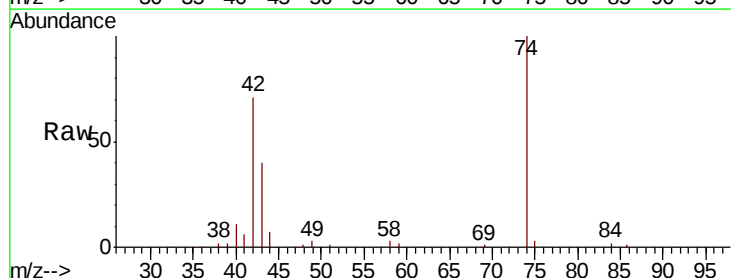
Tgt Ion: 42 Resp: 58181

Ion Ratio Lower Upper

42 100

74 140.8 102.0 153.0

44 10.3 9.6 14.4





#5

2-Fluorophenol

Concen: 164.280 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

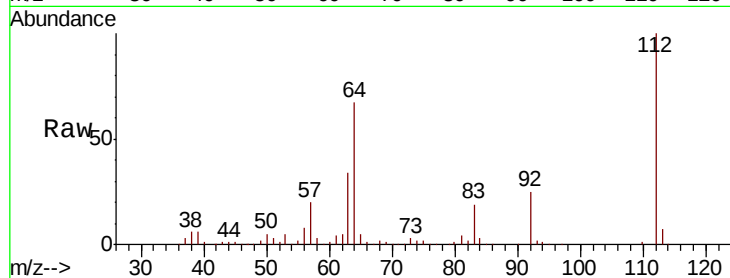
Tot Ion:112 Resp: 510697

Ion Ratio Lower Upper

112 100

64 66.7 53.1 79.7

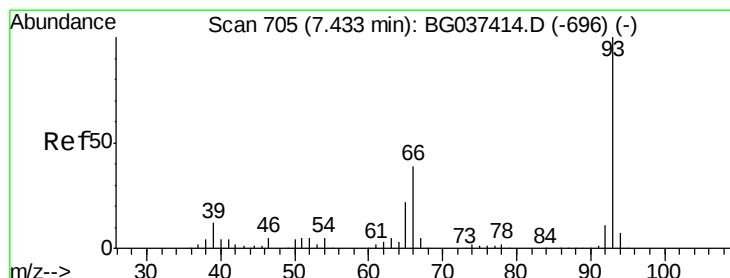
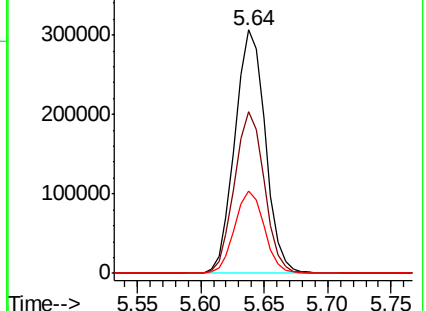
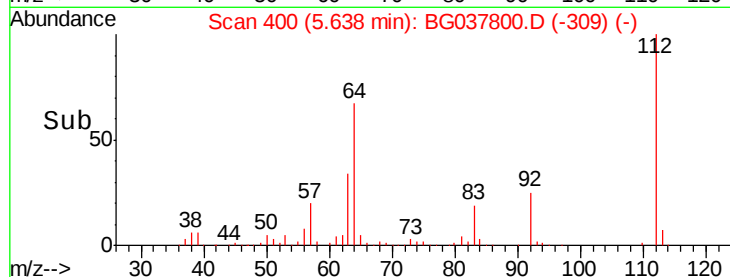
63 33.6 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.087 ng

RT: 7.42 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

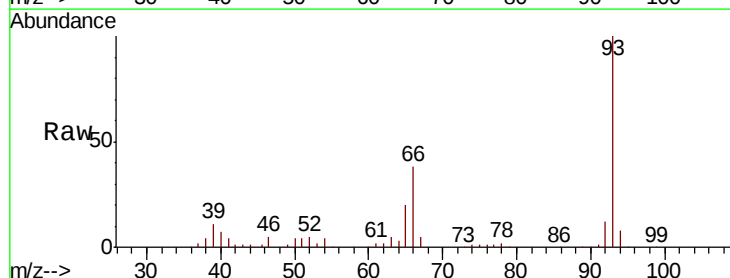
Tgt Ion: 93 Resp: 184006

Ion Ratio Lower Upper

93 100

66 38.4 32.8 49.2

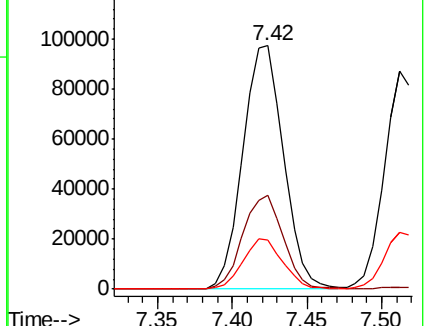
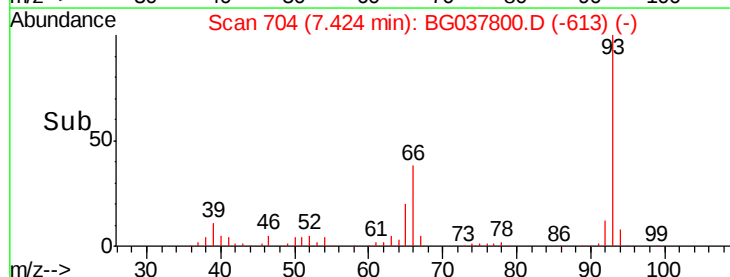
65 20.2 16.4 24.6



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: 154.119 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

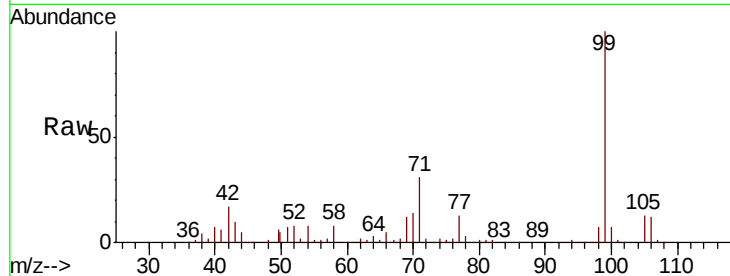
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 724475

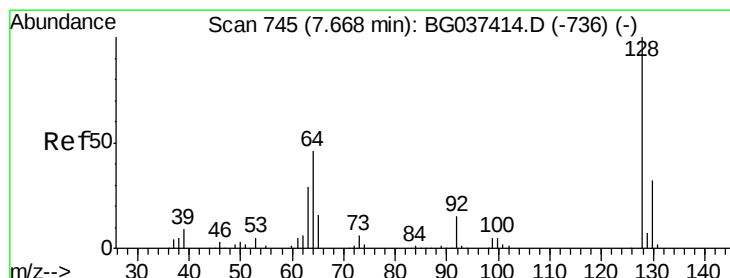
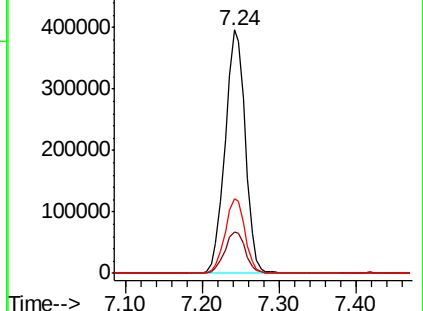
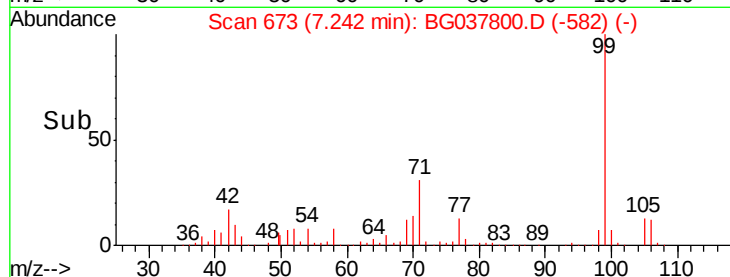
Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.0	22.4
71	30.6	25.5	38.3



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: 43.888 ng

RT: 7.65 min Scan# 743

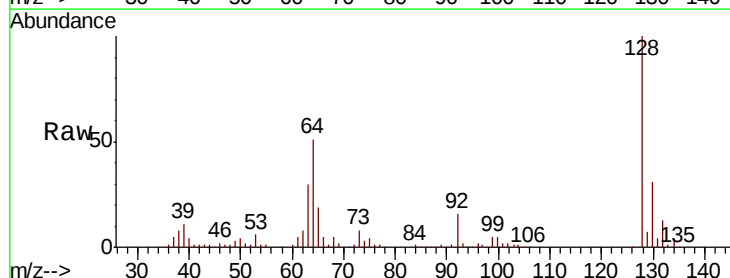
Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Tgt Ion: 128 Resp: 159608

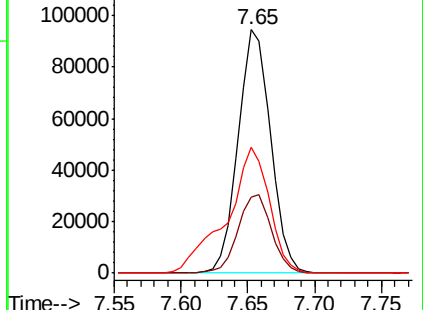
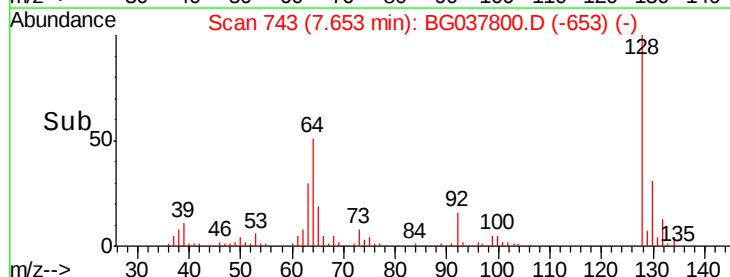
Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.0	52.0
64	51.4	32.9	72.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 37.532 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampled :

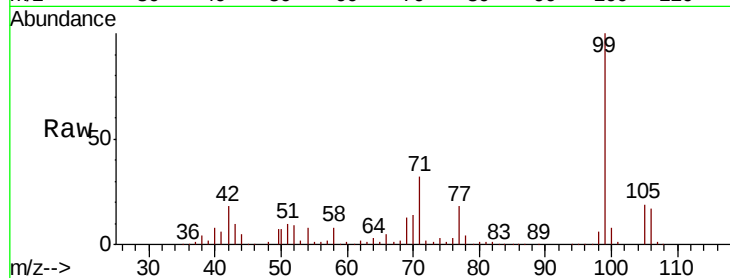
Tot Ion: 77 Resp: 110363

Ion Ratio Lower Upper

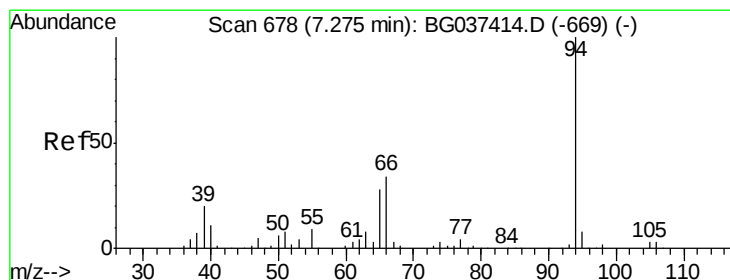
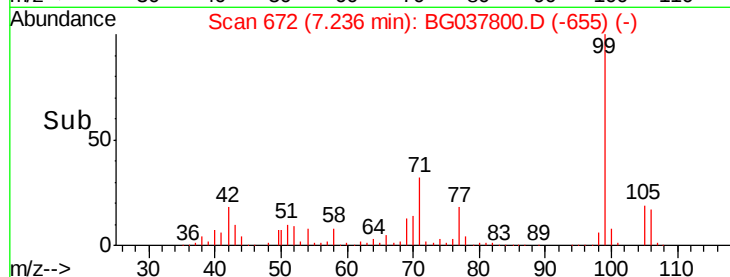
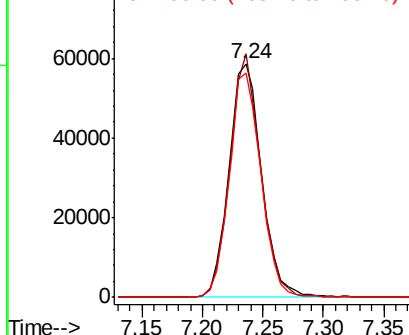
77 100

105 104.3 72.6 112.6

106 96.1 71.3 111.3



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



#10

Phenol

Concen: 42.523 ng

RT: 7.27 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

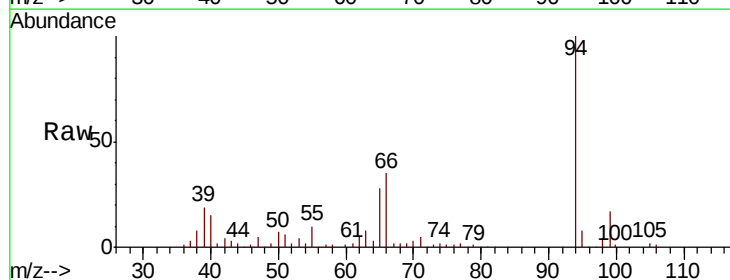
Tgt Ion: 94 Resp: 210907

Ion Ratio Lower Upper

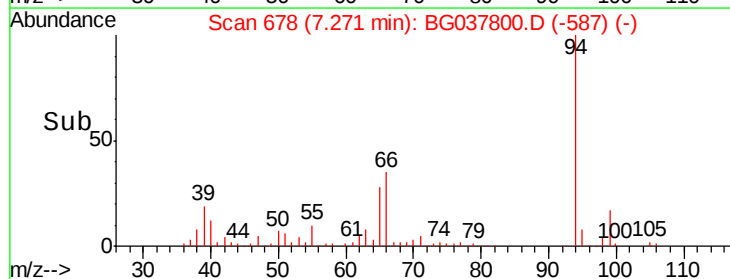
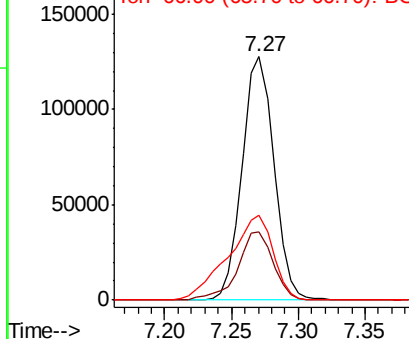
94 100

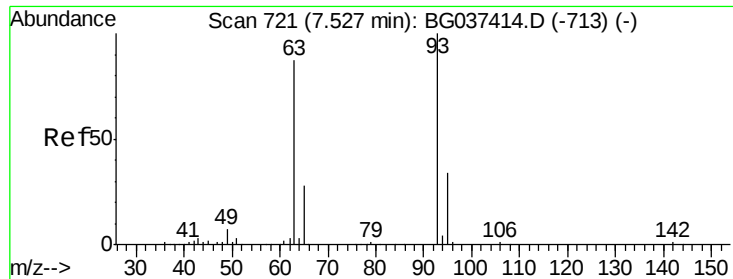
65 28.1 9.7 49.7

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

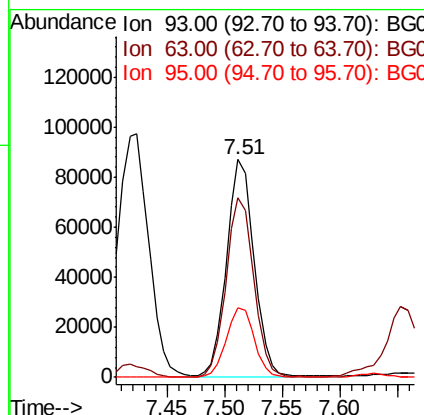
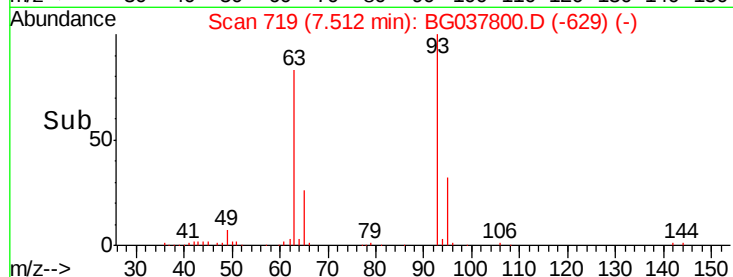
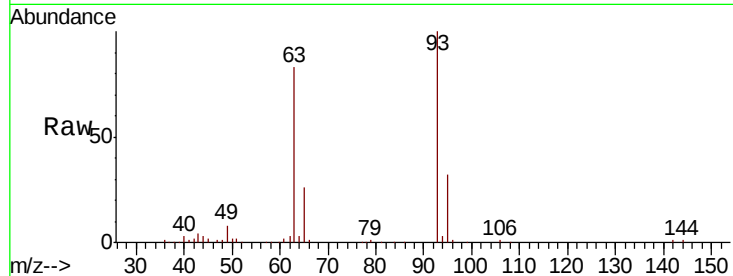




#11
 bis(2-Chloroethyl)ether
 Concen: 38.737 ng
 RT: 7.51 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

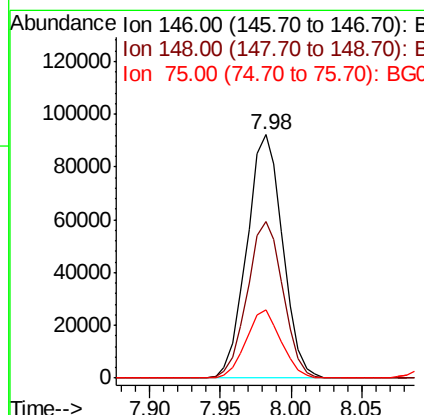
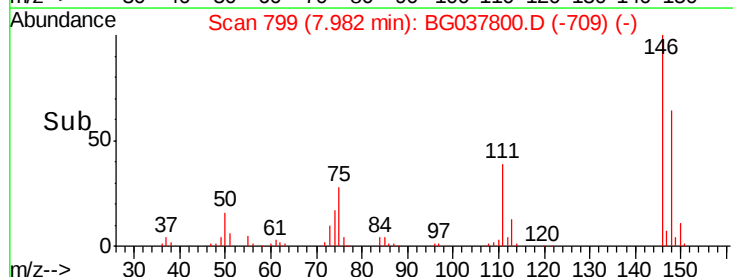
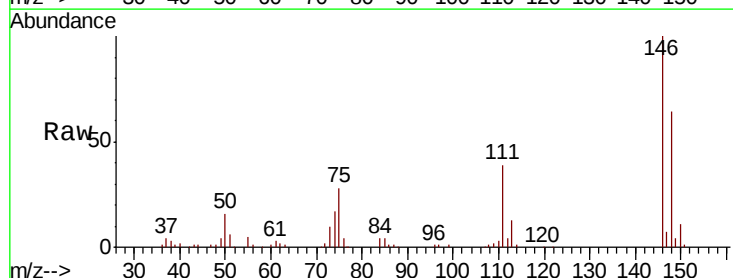
Instrument :
 BNA_G
 ClientSampleId :

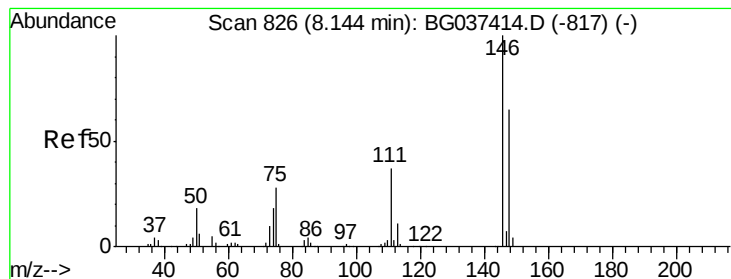
Tot Ion: 93 Resp: 145921
 Ion Ratio Lower Upper
 93 100
 63 82.6 69.5 109.5
 95 32.2 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 40.497 ng
 RT: 7.98 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Tgt Ion: 146 Resp: 163960
 Ion Ratio Lower Upper
 146 100
 148 64.1 49.8 74.8
 75 28.3 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 40.135 ng

RT: 8.13 min Scan# 825

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

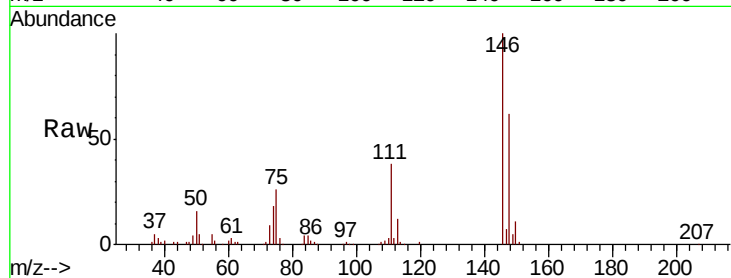
Tot Ion:146 Resp: 166213

Ion Ratio Lower Upper

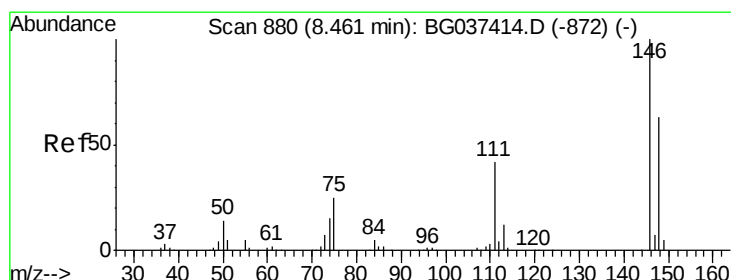
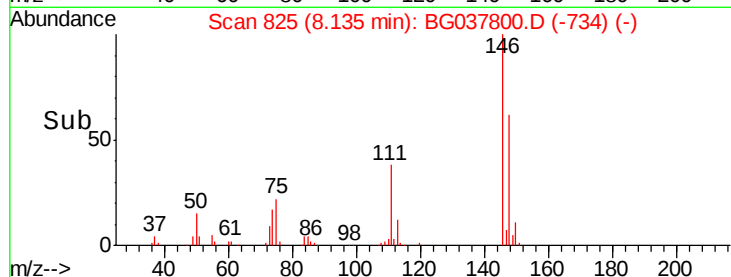
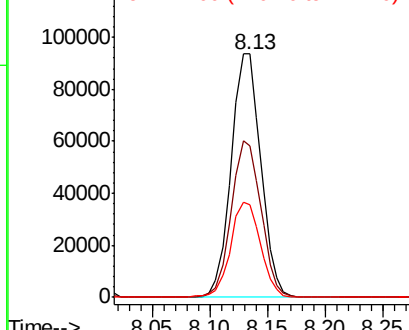
146 100

148 62.0 51.0 76.6

111 38.2 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: 40.245 ng

RT: 8.45 min Scan# 879

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

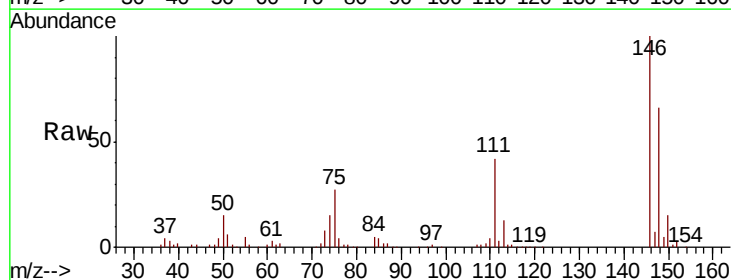
Tgt Ion:146 Resp: 160328

Ion Ratio Lower Upper

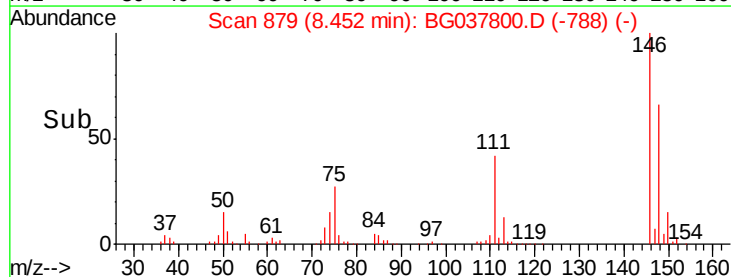
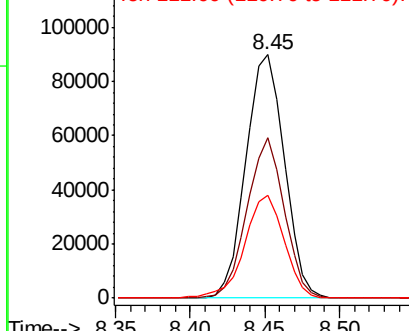
146 100

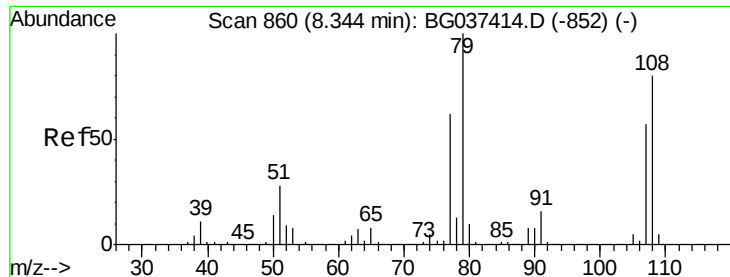
148 66.1 50.4 75.6

111 42.4 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: 40.323 ng

RT: 8.33 min Scan# 859

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampled :

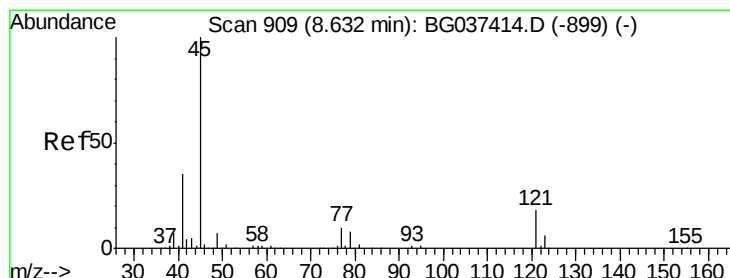
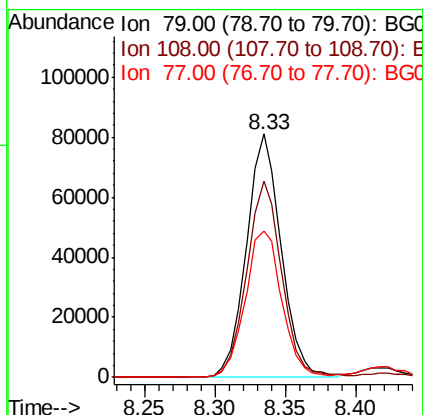
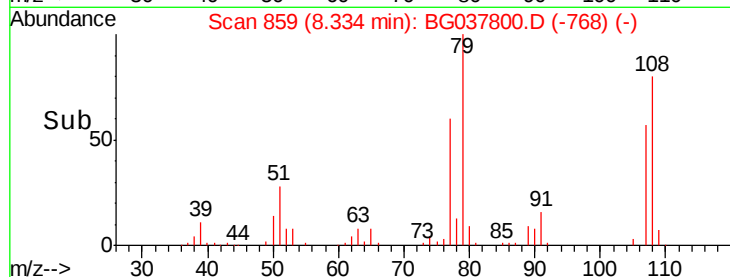
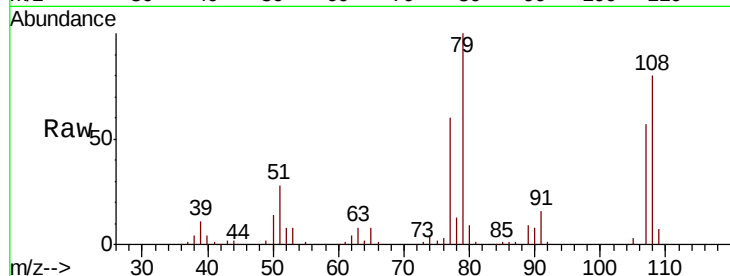
Tot Ion: 79 Resp: 140055

Ion Ratio Lower Upper

79 100

108 80.4 65.8 98.8

77 60.0 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.183 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

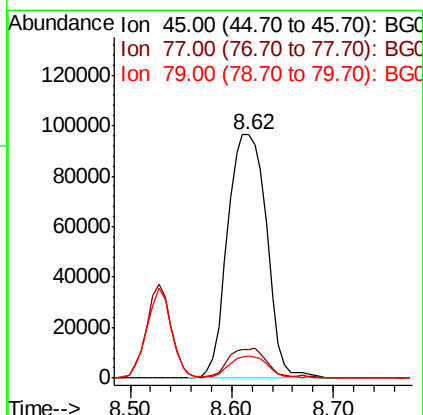
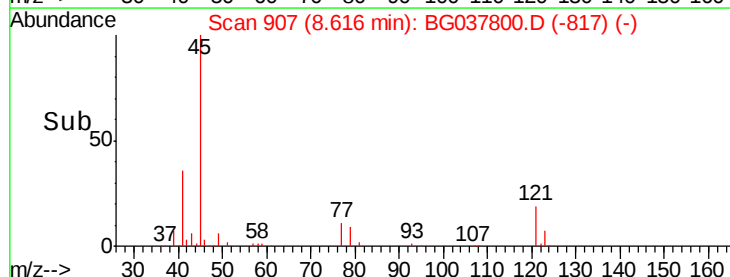
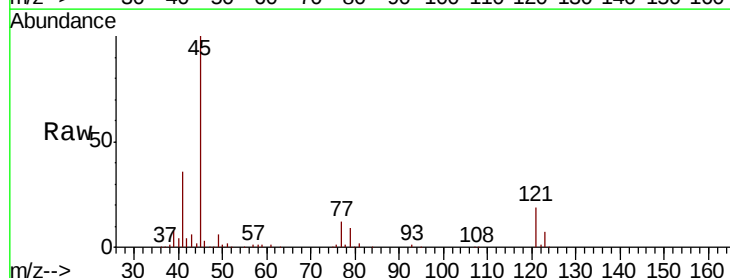
Tgt Ion: 45 Resp: 257359

Ion Ratio Lower Upper

45 100

77 11.8 0.0 30.0

79 9.2 0.0 29.0

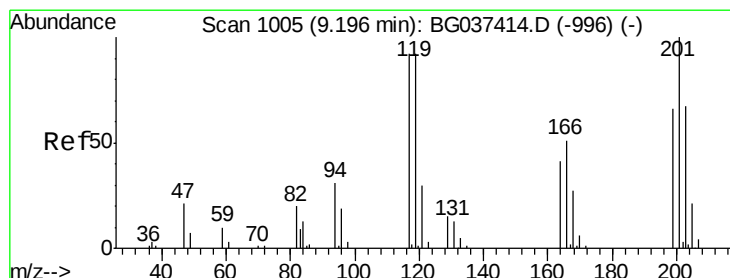
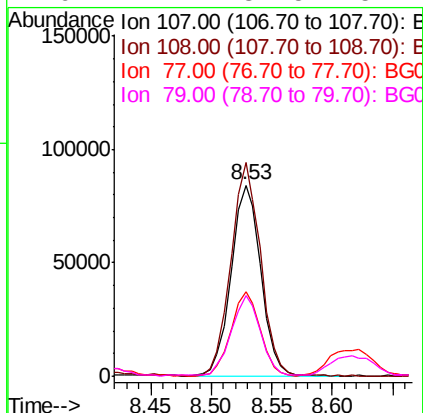
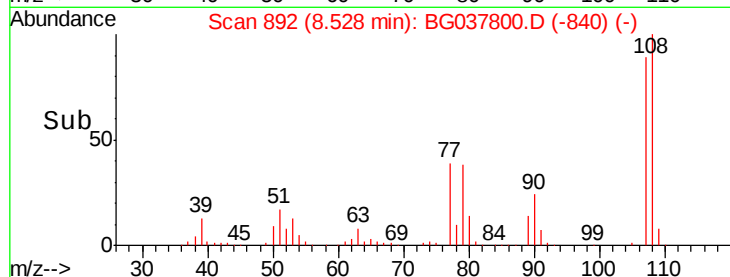
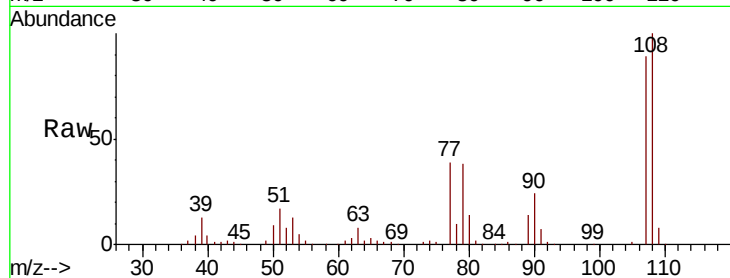




#17
2-Methylphenol
Concen: 44.245 ng
RT: 8.53 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

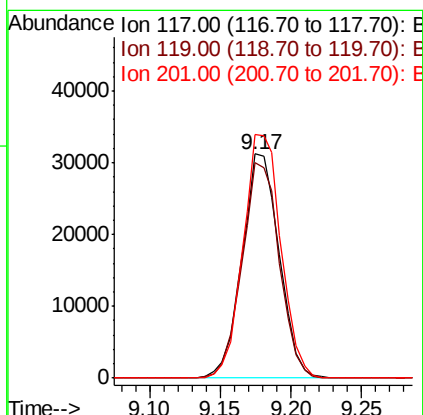
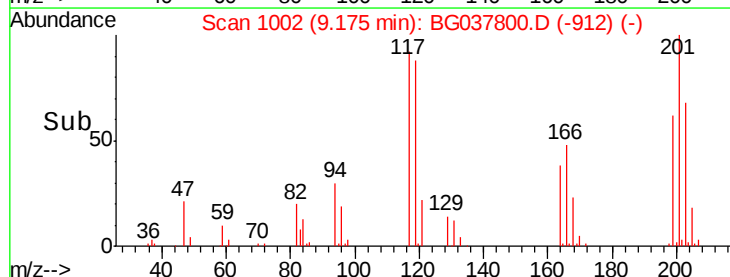
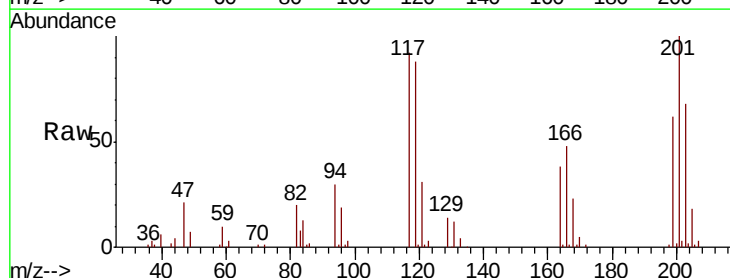
Instrument :
BNA_G
ClientSampleId :

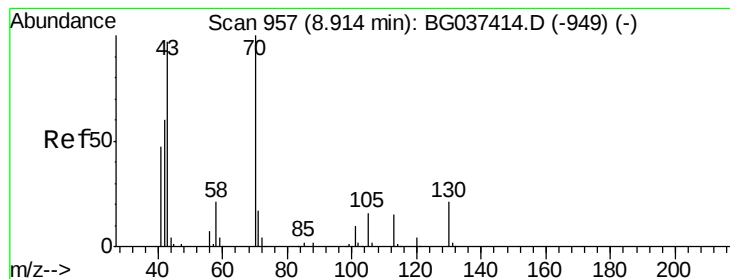
Tot Ion:	107	Resp:	145078
Ion	Ratio	Lower	Upper
107	100		
108	111.8	87.9	131.9
77	43.9	35.1	52.7
79	42.1	34.5	51.7



#18
Hexachloroethane
Concen: 40.773 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion:	117	Resp:	57567
Ion	Ratio	Lower	Upper
117	100		
119	96.1	74.6	111.8
201	112.5	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 36.813 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 119165

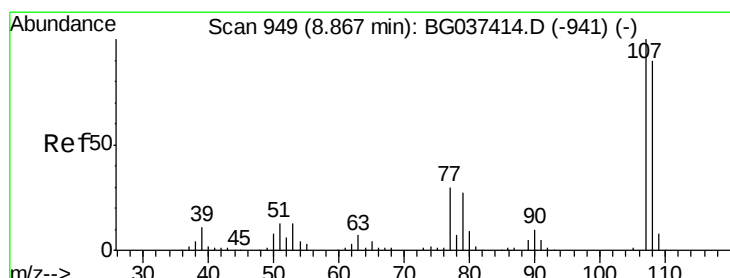
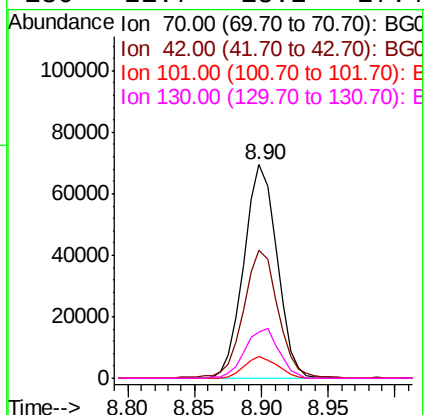
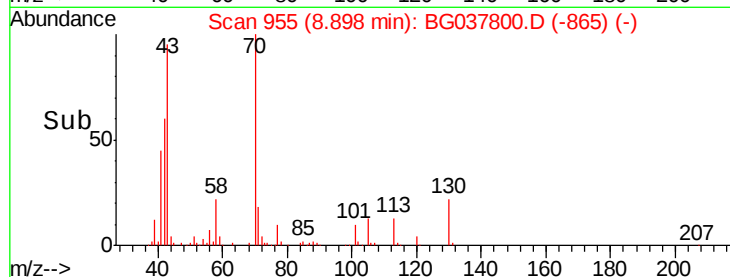
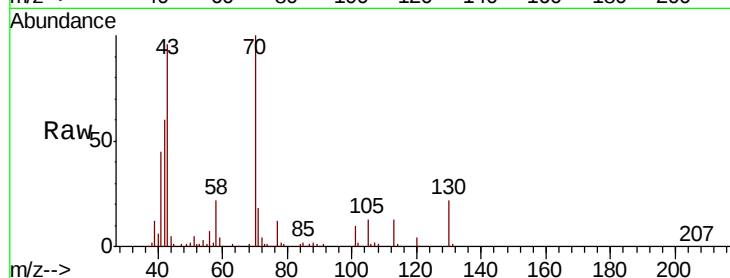
Ion Ratio Lower Upper

70 100

42 59.8 53.9 80.9

101 10.0 8.2 12.2

130 21.7 18.2 27.4



#20

3+4-Methylphenols

Concen: 42.924 ng

RT: 8.86 min Scan# 948

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Tgt Ion: 107 Resp: 201234

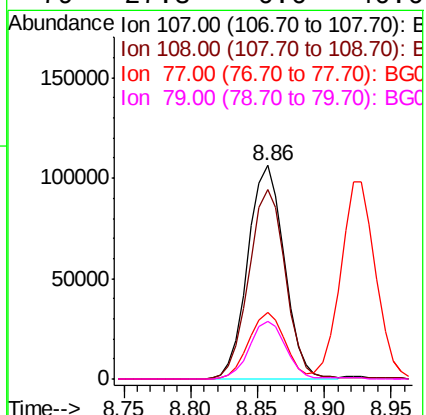
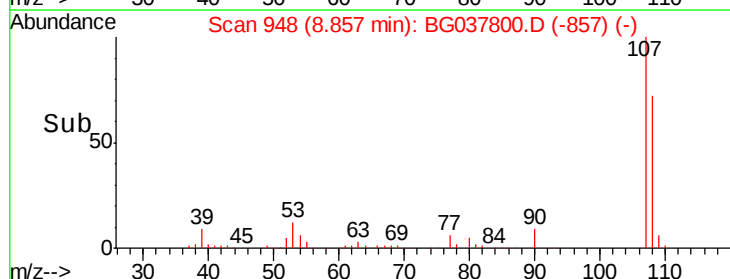
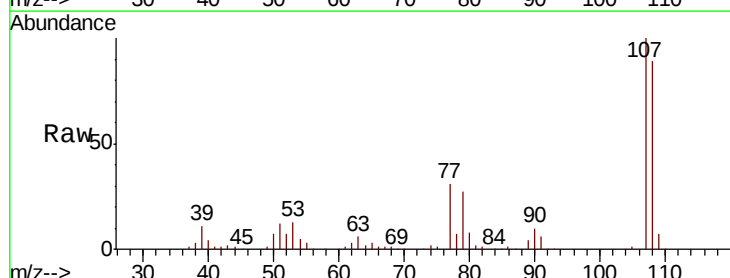
Ion Ratio Lower Upper

107 100

108 88.8 69.9 109.9

77 31.3 11.2 51.2

79 27.3 6.6 46.6

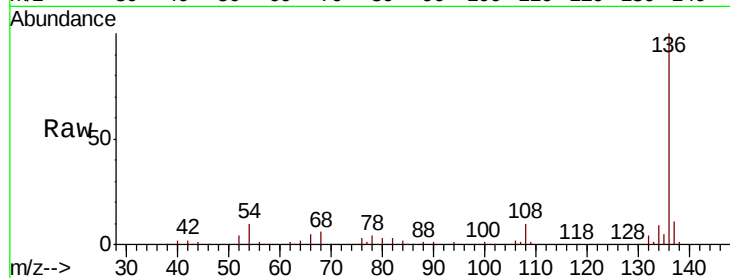




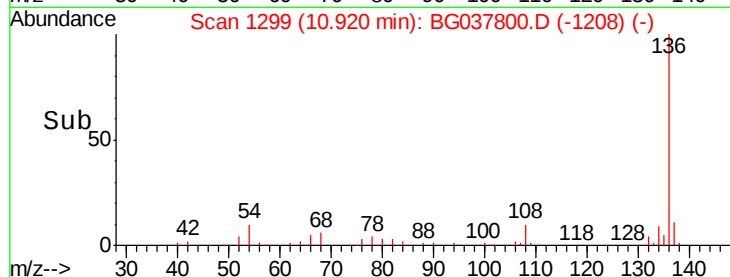
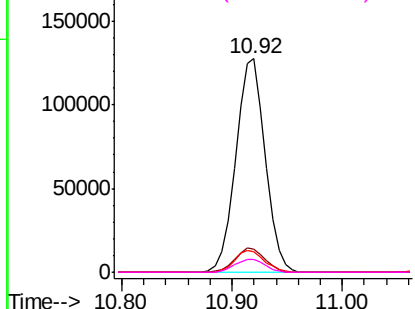
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	237068	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.6	14.4	
54 10.1	7.9	11.9	
68 6.2	4.8	7.2	

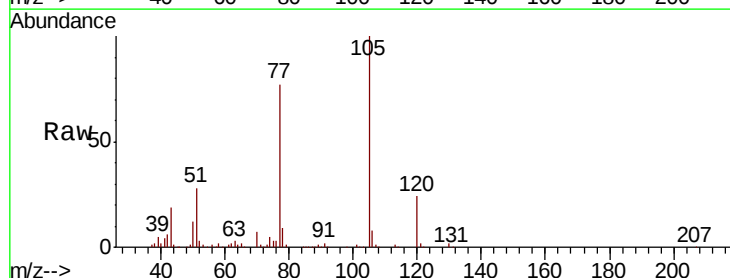


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

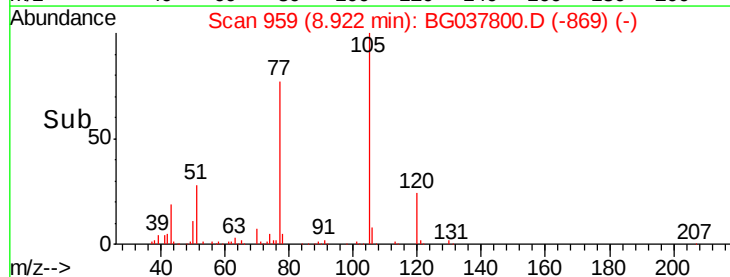
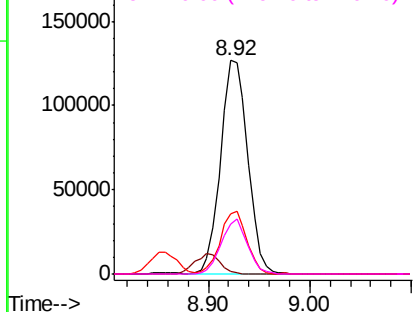


#22
Acetophenone
Concen: 39.544 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt	Ion:105	Resp:	235110
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.2	1.8#
51	28.3	25.0	37.6
120	23.6	18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
200000
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

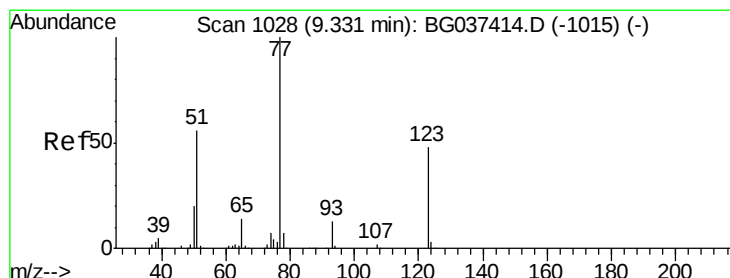
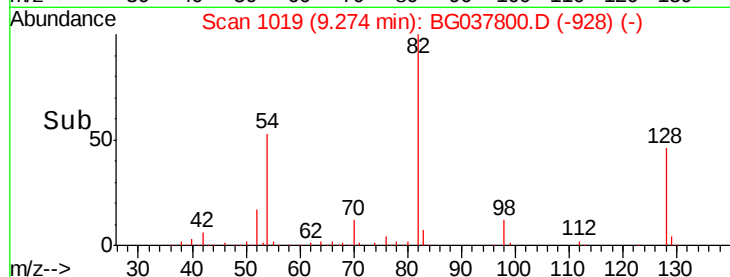
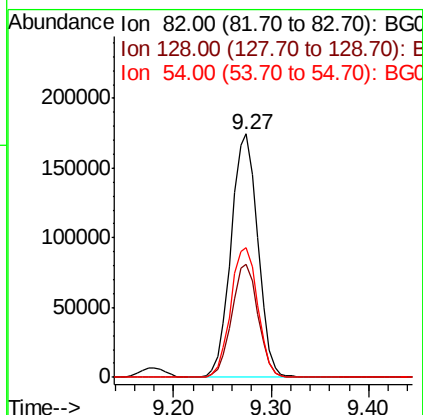
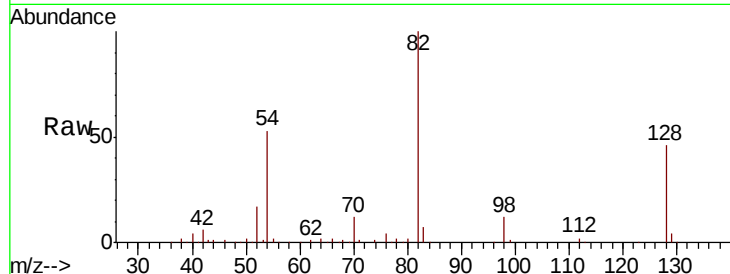




#23
Nitrobenzene-d5
Concen: 78.458 ng
RT: 9.27 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

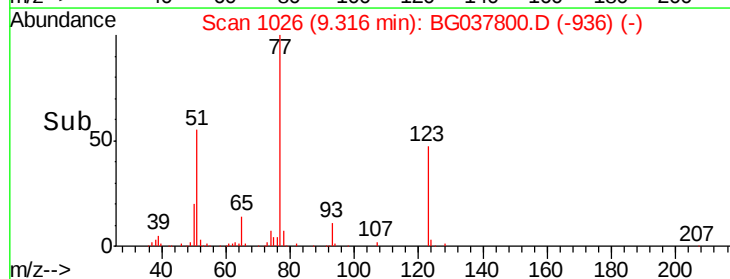
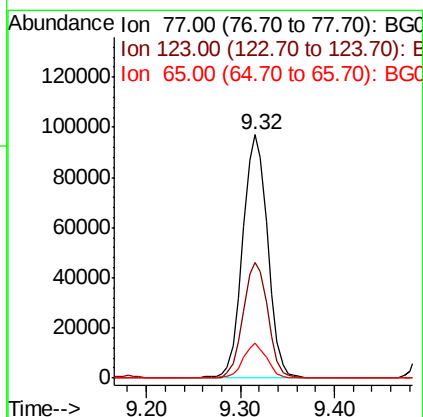
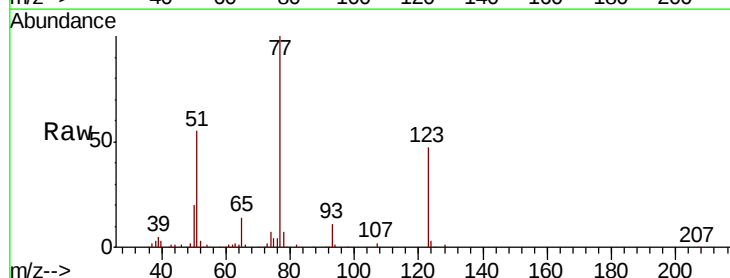
Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	332028
Ion Ratio	100	Lower	Upper
128	46.2	34.6	51.8
54	53.3	45.3	67.9



#24
Nitrobenzene
Concen: 40.576 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion	77	Resp	178385
Ion Ratio	100	Lower	Upper
123	47.5	33.6	50.4
65	14.4	11.3	16.9





#25

Isophorone

Concen: 44.180 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

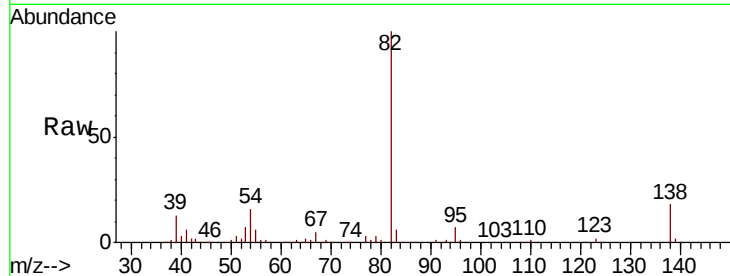
Tot Ion: 82 Resp: 341617

Ion Ratio Lower Upper

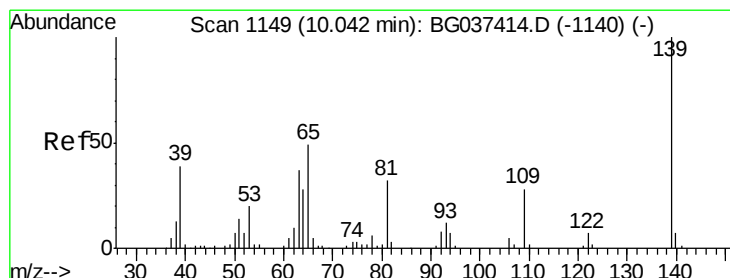
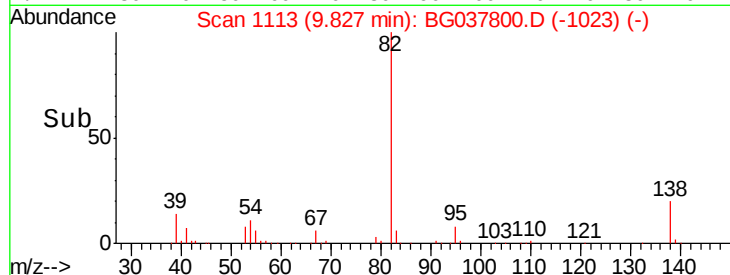
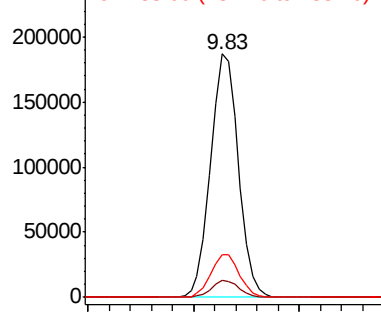
82 100

95 6.9 5.3 7.9

138 17.6 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: 44.519 ng

RT: 10.03 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

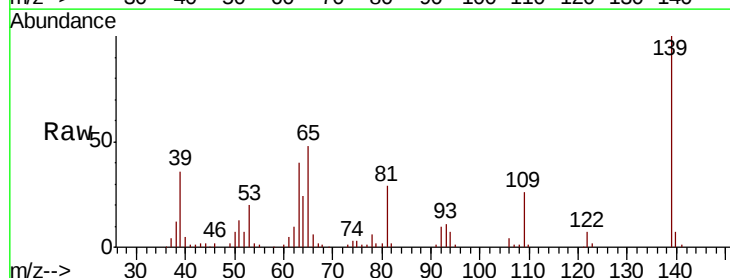
Tgt Ion: 139 Resp: 88171

Ion Ratio Lower Upper

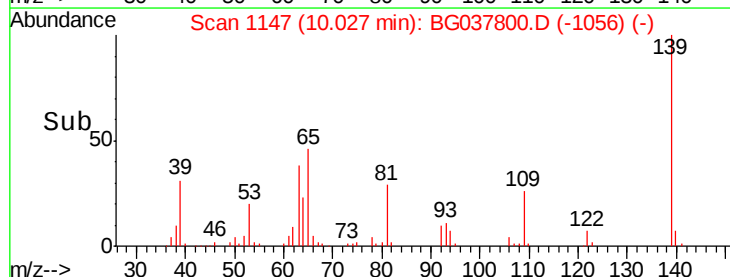
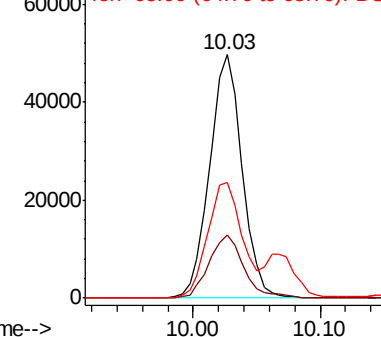
139 100

109 25.8 23.3 34.9

65 47.6 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

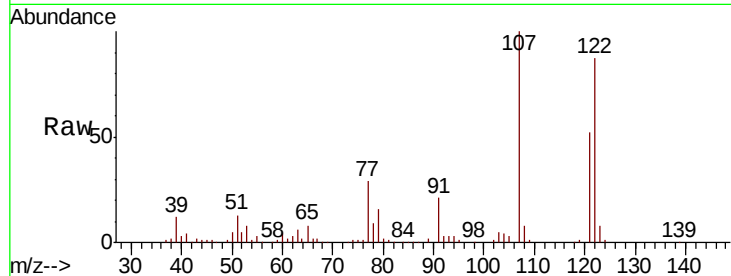




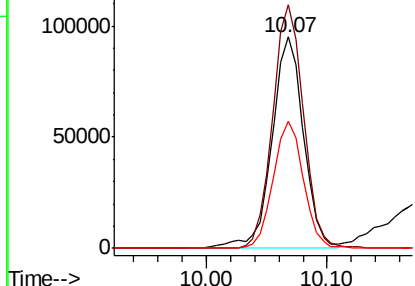
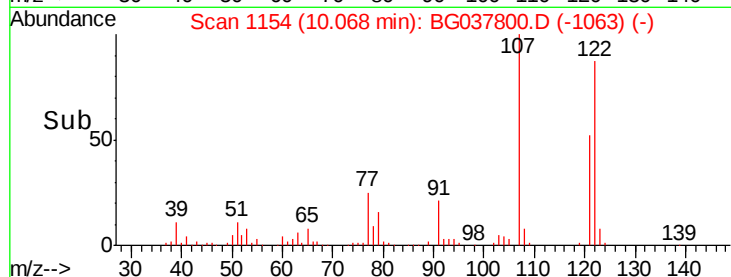
#27
 2,4-Dimethylphenol
 Concen: 48.264 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 170669
 Ion Ratio Lower Upper
 122 100
 107 115.3 94.2 141.2
 121 60.3 47.3 70.9

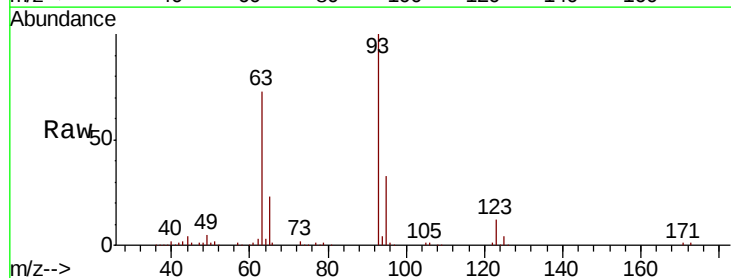


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

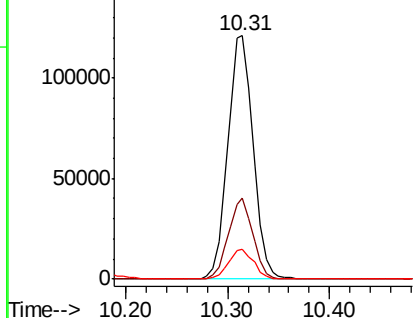
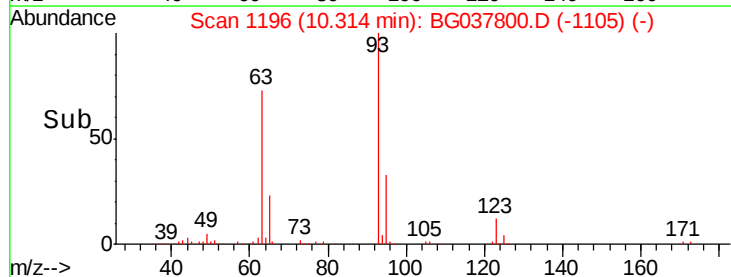


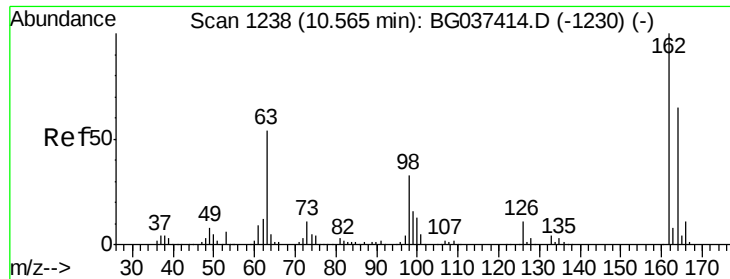
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.416 ng
 RT: 10.31 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Tgt Ion: 93 Resp: 209819
 Ion Ratio Lower Upper
 93 100
 95 33.1 24.6 37.0
 123 12.5 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

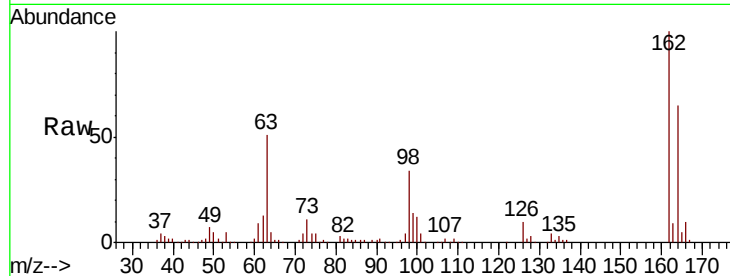




#29
 2,4-Dichlorophenol
 Concen: 43.409 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.2	83.2
98	33.5	16.0	56.0

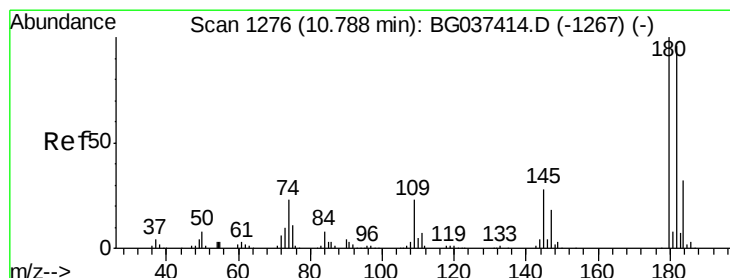
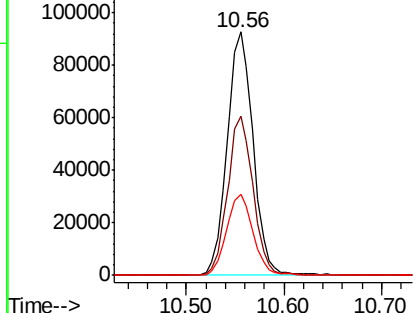
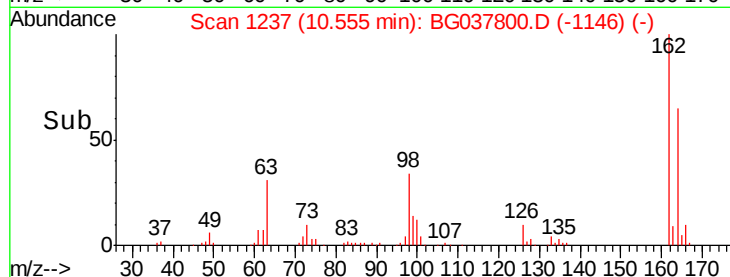


Abundance

Ion 162.00 (161.70 to 162.70): E

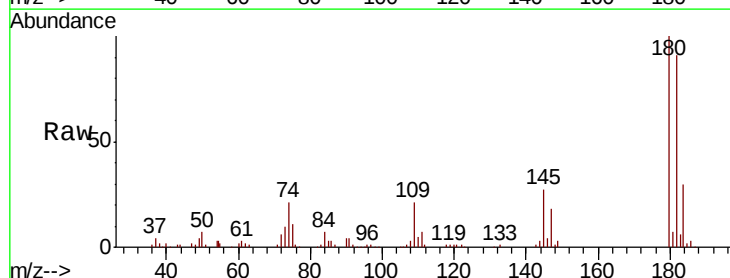
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 41.199 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.1	77.7	116.5
145	27.0	23.3	34.9

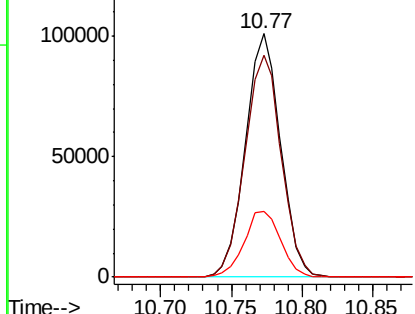
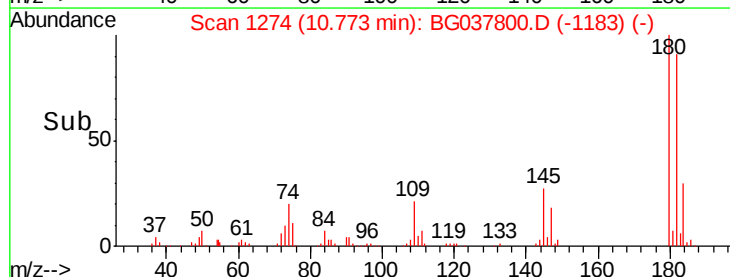


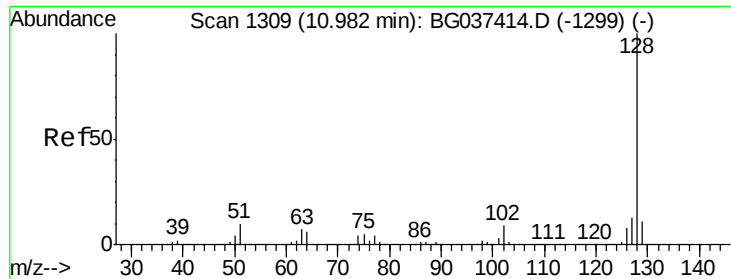
Abundance

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

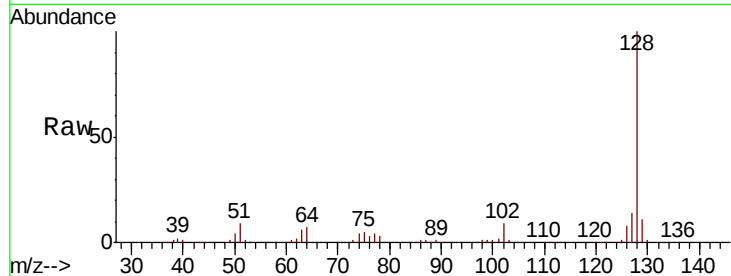




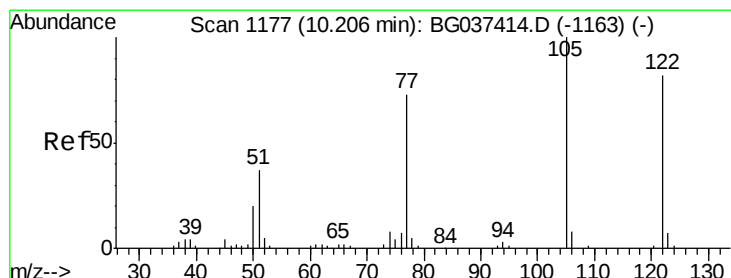
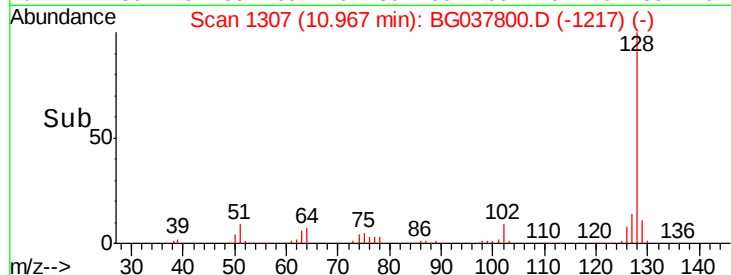
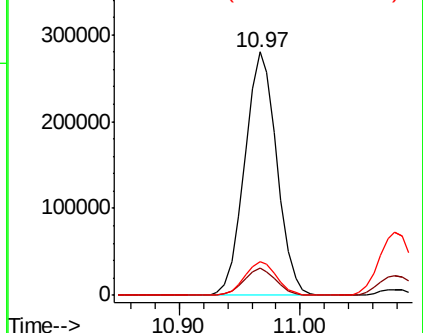
#31
Naphthalene
Concen: 44.342 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 516328
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.8 11.1 16.7

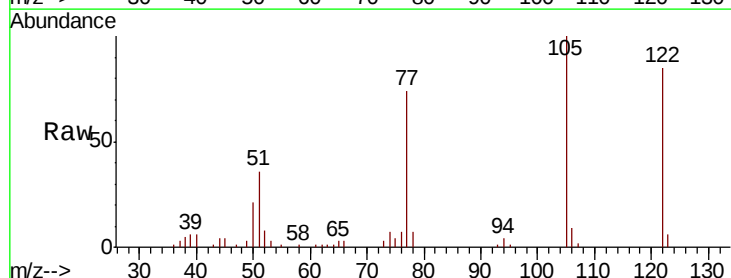


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

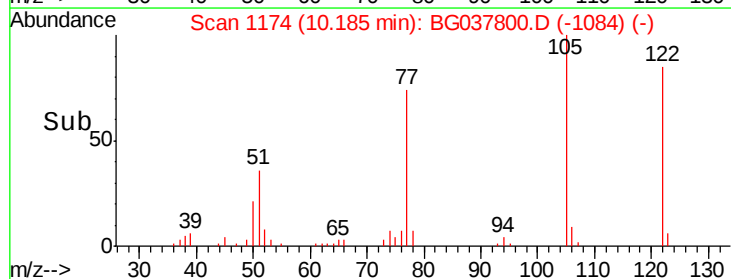
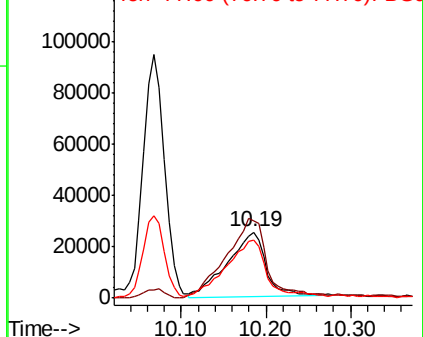


#32
Benzoic acid
Concen: 34.833 ng
RT: 10.19 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion:122 Resp: 80003
Ion Ratio Lower Upper
122 100
105 117.2 106.7 146.7
77 87.1 72.2 112.2



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

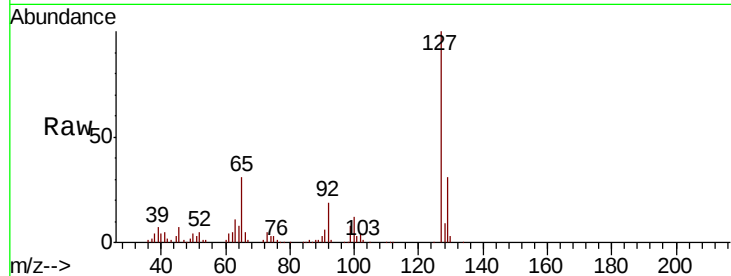




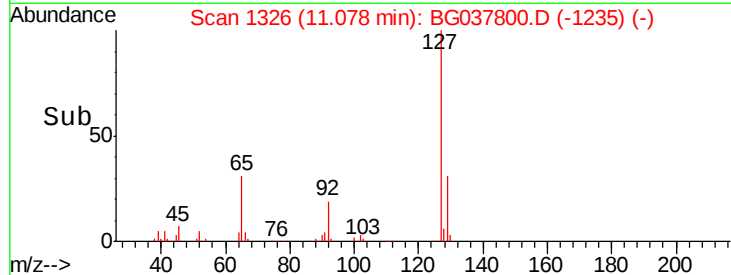
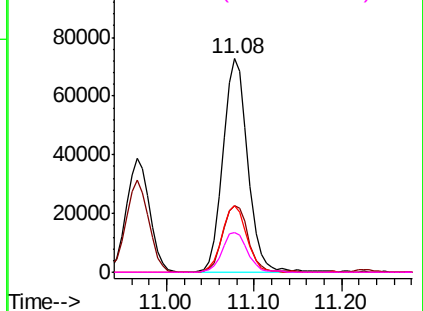
#33
4-Chloroaniline
Concen: 25.931 ng
RT: 11.08 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	141871
Ion	Ratio	Lower	Upper
127	100		
129	31.3	27.1	40.7
65	30.9	26.6	39.8
92	18.8	16.4	24.6

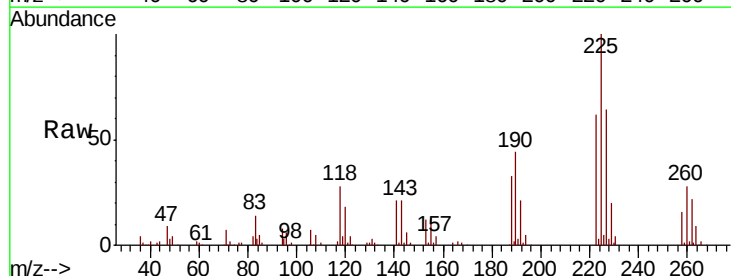


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

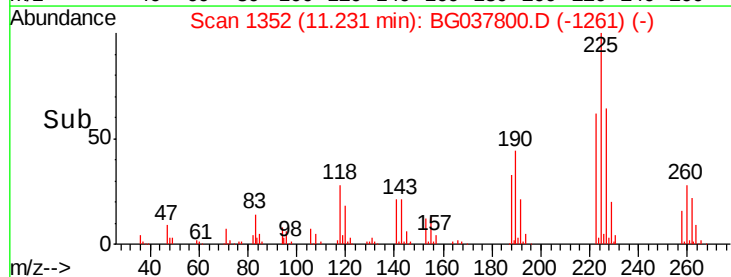
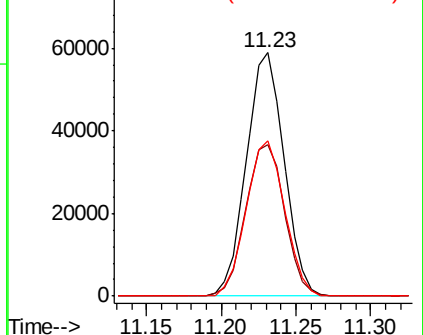


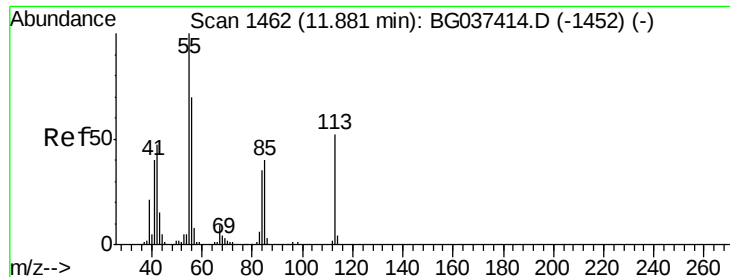
#34
Hexachlorobutadiene
Concen: 40.575 ng
RT: 11.23 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion:	225	Resp:	102964
Ion	Ratio	Lower	Upper
225	100		
223	59.6	48.2	72.4
227	63.8	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: 38.396 ng

RT: 11.87 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampled :

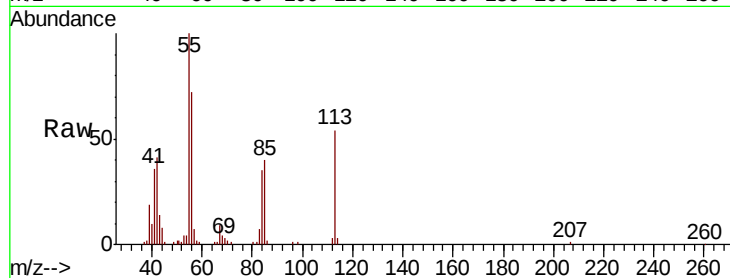
Tot Ion:113 Resp: 60630

Ion Ratio Lower Upper

113 100

55 186.3 176.6 216.6

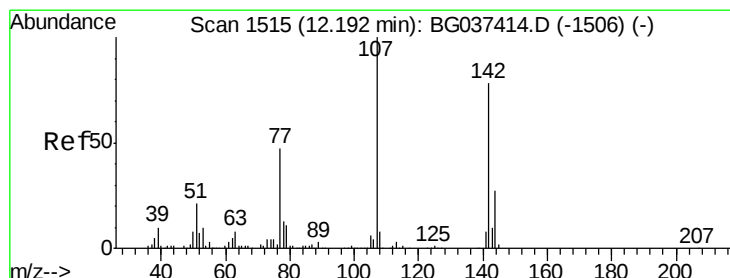
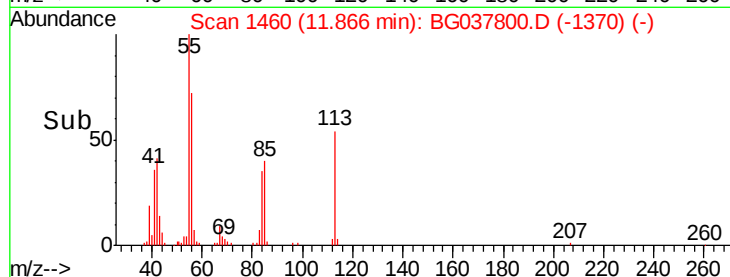
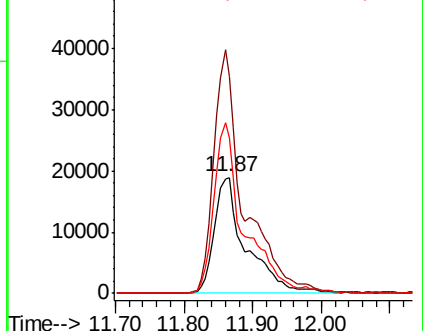
56 133.4 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.408 ng

RT: 12.18 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

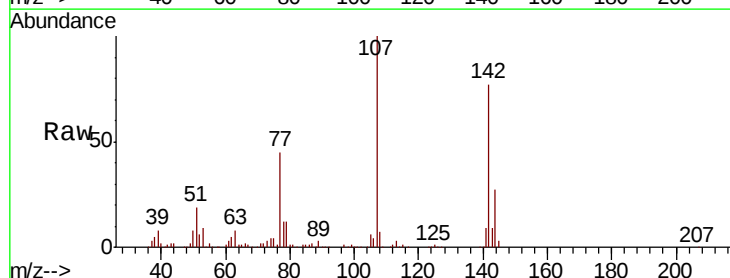
Tgt Ion:107 Resp: 183862

Ion Ratio Lower Upper

107 100

144 26.7 20.7 31.1

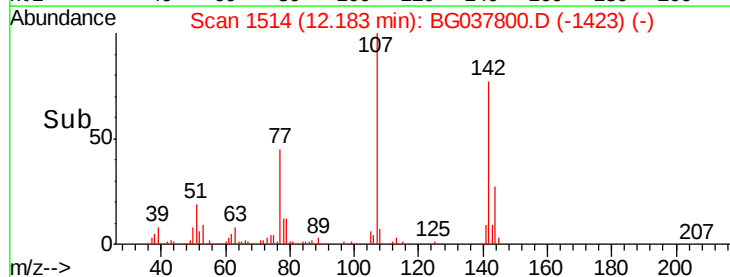
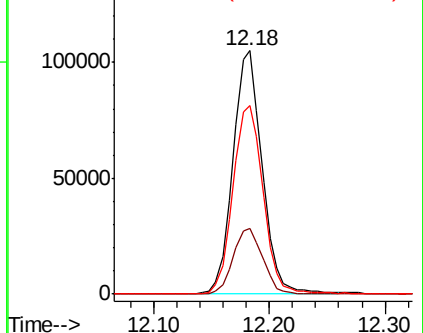
142 77.3 64.4 96.6

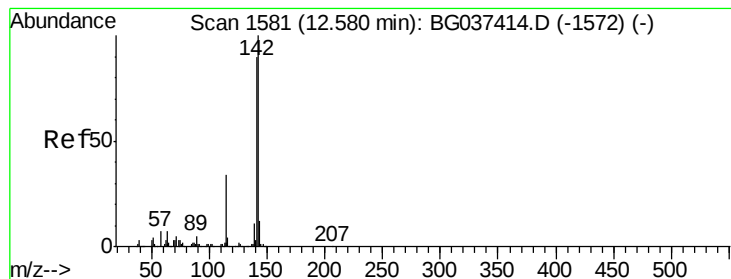


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.194 ng

RT: 12.56 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

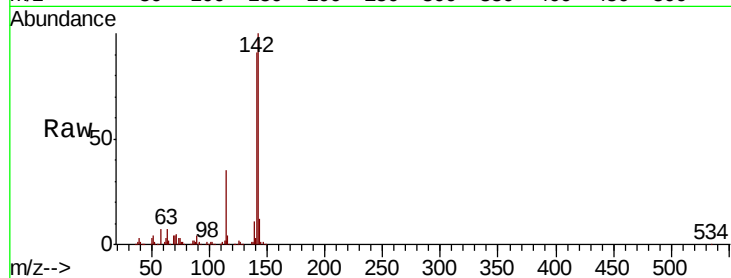
Tot Ion:142 Resp: 392104

Ion Ratio Lower Upper

142 100

141 91.3 71.9 107.9

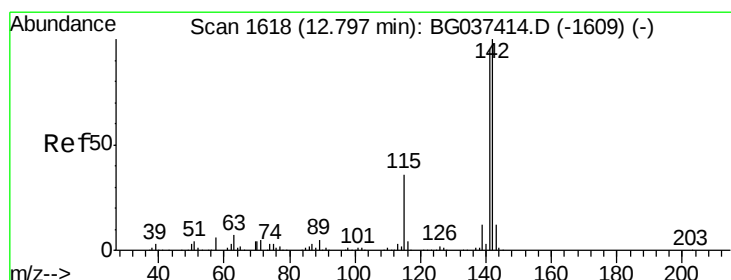
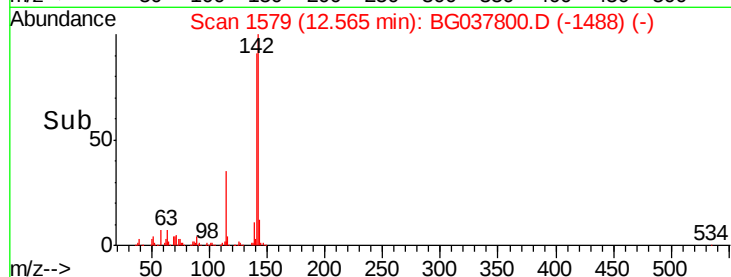
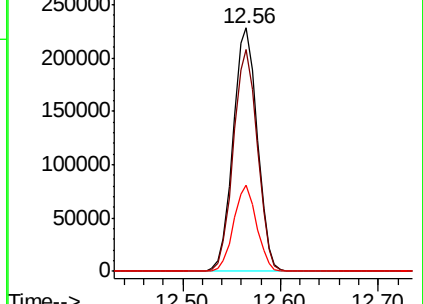
115 35.4 27.8 41.8



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: 45.363 ng

RT: 12.78 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

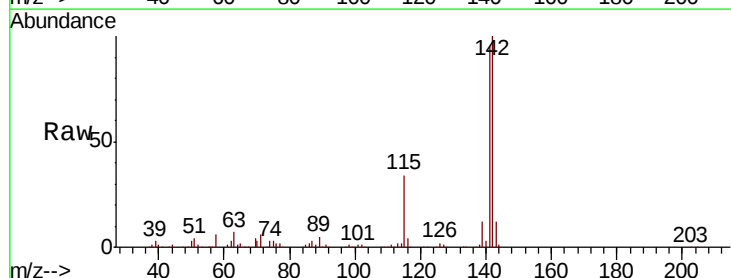
Tgt Ion:142 Resp: 373938

Ion Ratio Lower Upper

142 100

141 95.1 75.2 112.8

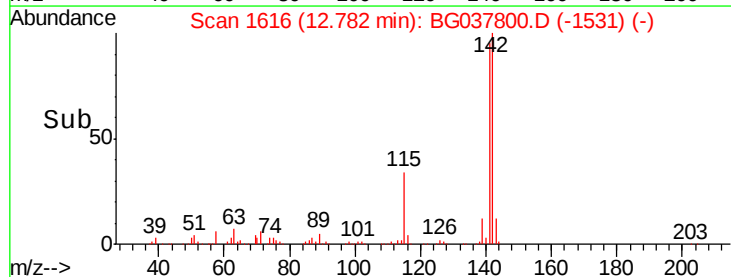
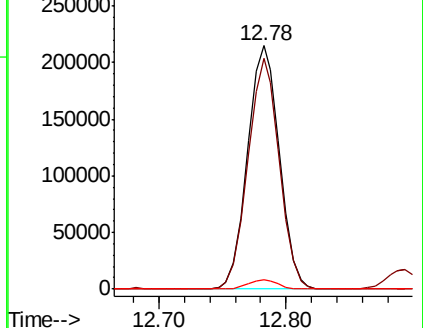
116 3.7 3.3 4.9

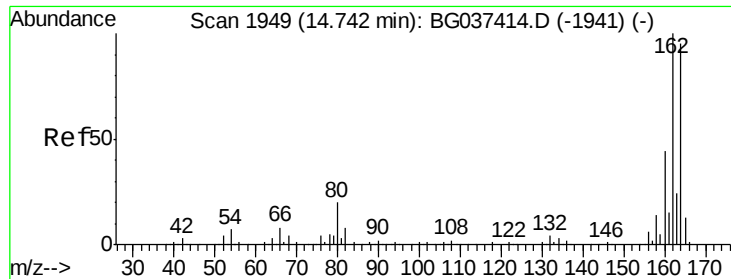


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.73 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

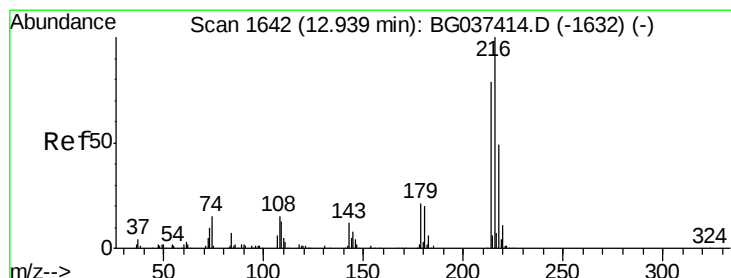
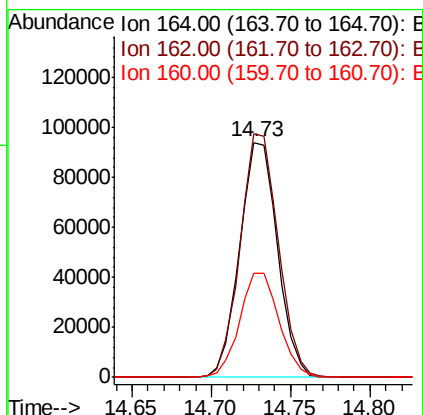
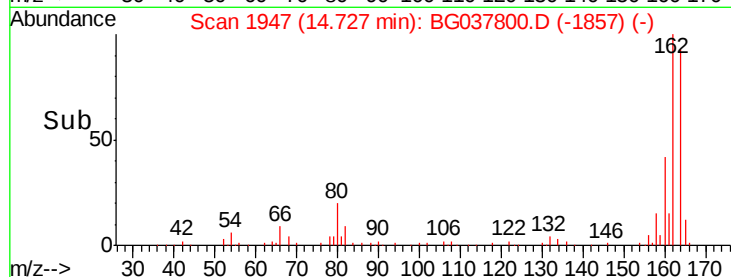
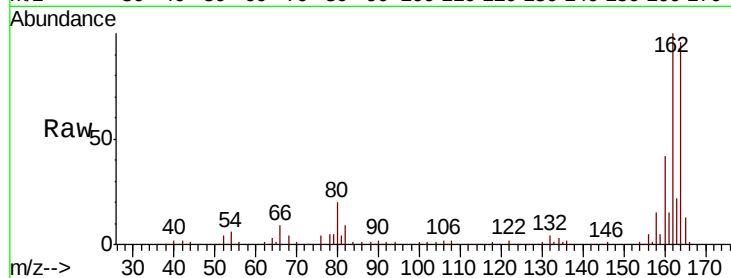
Tot Ion:164 Resp: 155520

Ion Ratio Lower Upper

164 100

162 103.7 81.3 121.9

160 44.1 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.998 ng

RT: 12.92 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Tgt Ion:216 Resp: 210676

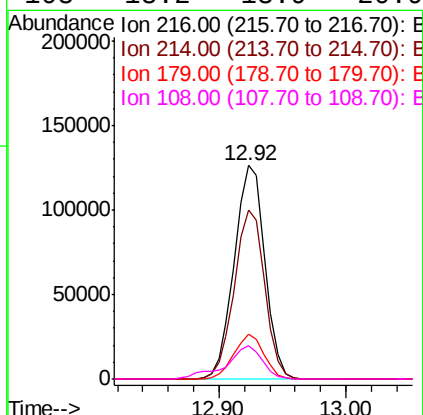
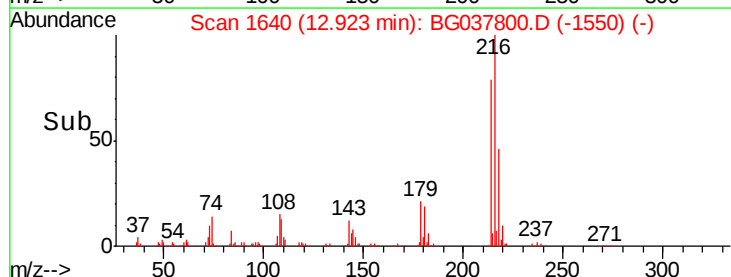
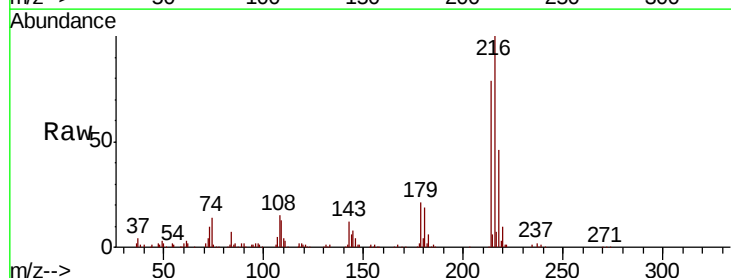
Ion Ratio Lower Upper

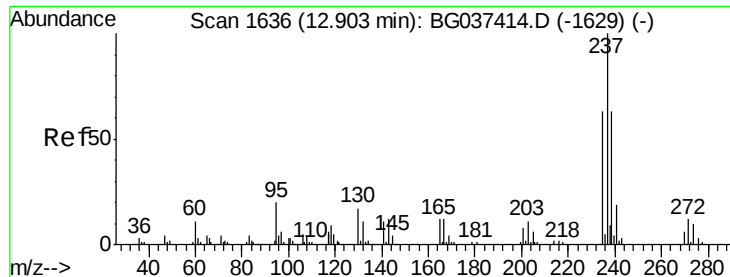
216 100

214 78.5 63.8 95.6

179 20.4 17.4 26.0

108 18.2 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 105.022 ng

RT: 12.89 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

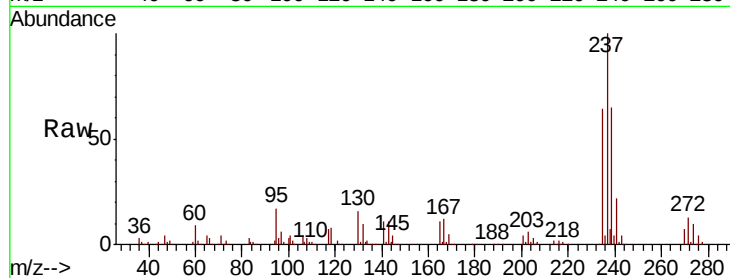
Tot Ion:237 Resp: 251653

Ion Ratio Lower Upper

237 100

235 63.7 42.5 82.5

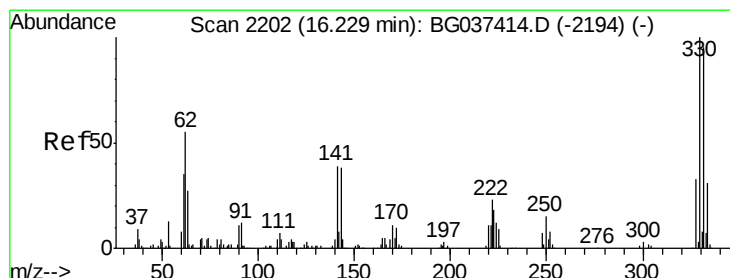
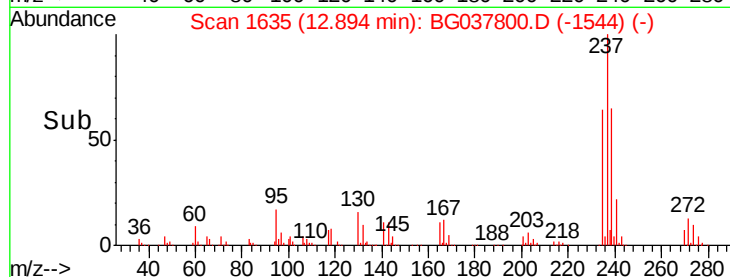
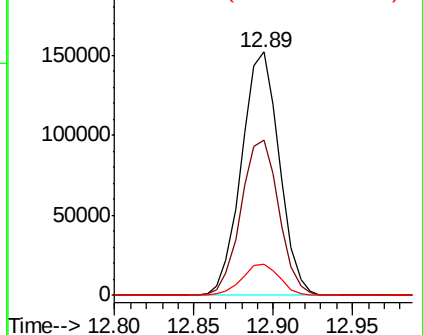
272 12.5 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 158.141 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

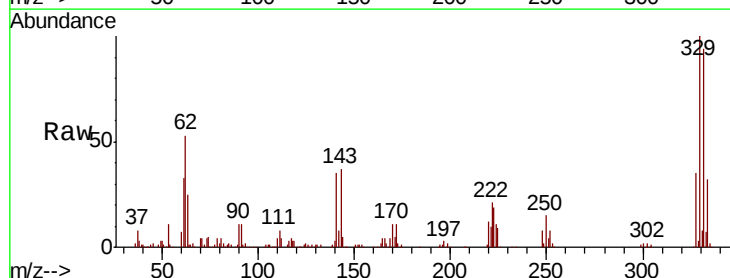
Tgt Ion:330 Resp: 268245

Ion Ratio Lower Upper

330 100

332 94.8 78.4 117.6

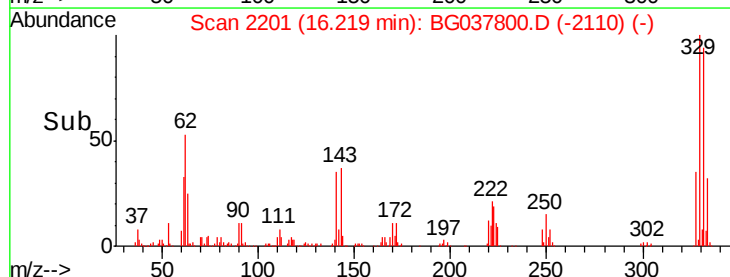
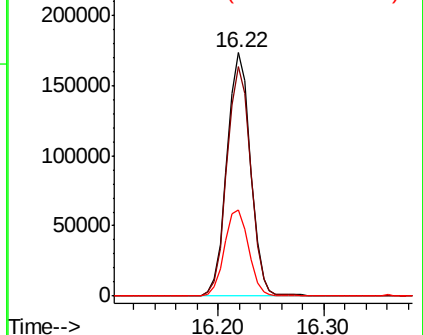
141 36.4 32.2 48.2

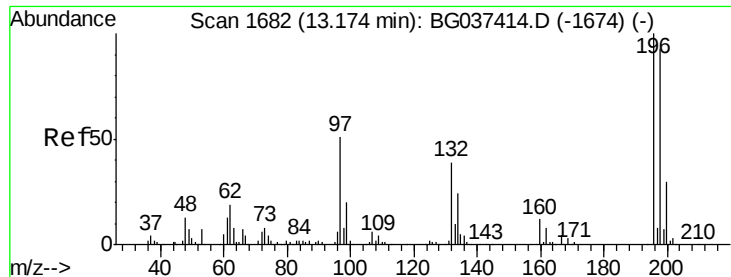


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

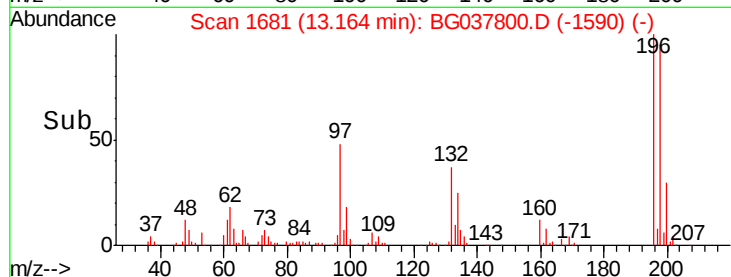
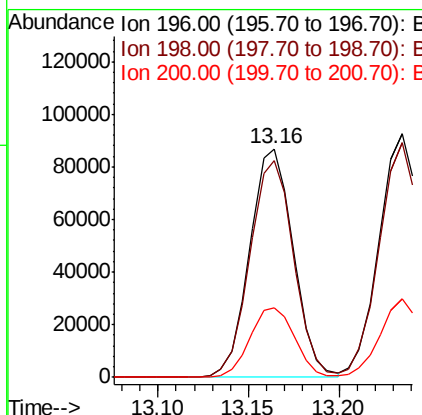
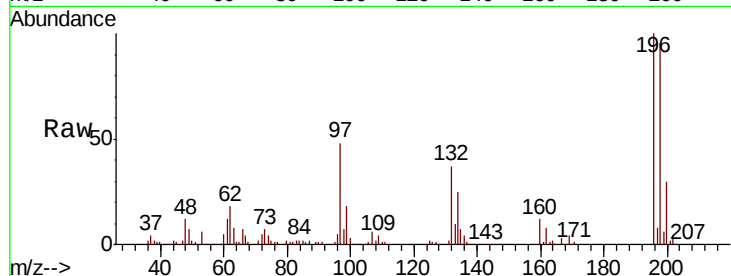




#43
 2,4,6-Trichlorophenol
 Concen: 43.313 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

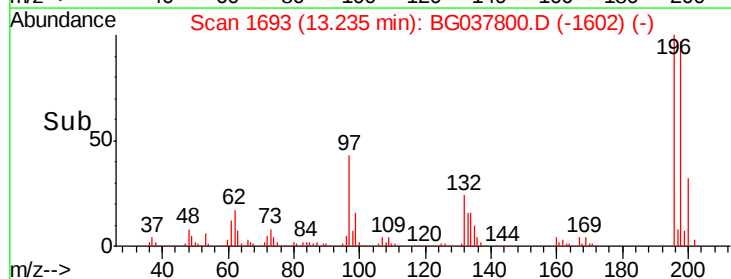
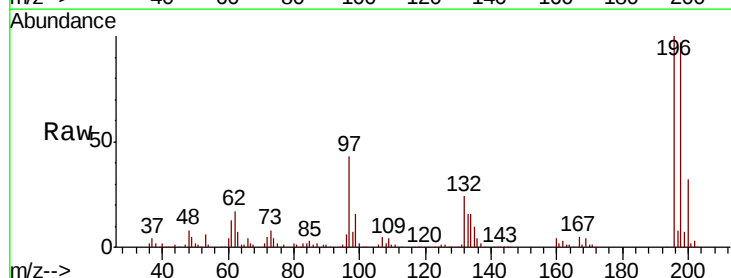
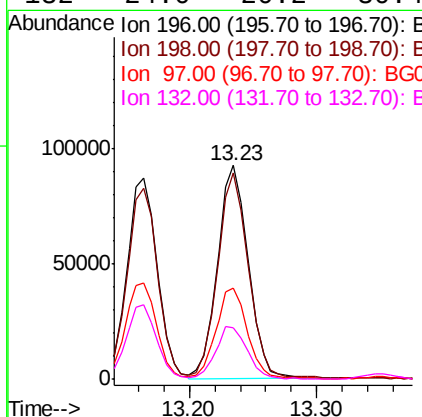
Instrument :
 BNA_G
 ClientSampleId :

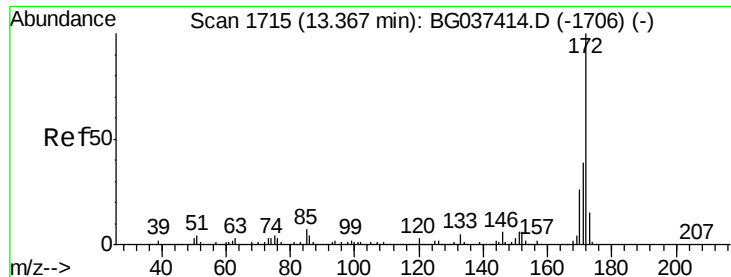
Tot Ion	196	Resp	145156
Ion Ratio	Lower	Upper	
196	100		
198	95.0	76.4	114.6
200	30.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.644 ng
 RT: 13.23 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Tgt Ion	196	Resp	155601
Ion Ratio	Lower	Upper	
196	100		
198	96.5	74.2	111.2
97	42.5	34.1	51.1
132	24.0	20.2	30.4

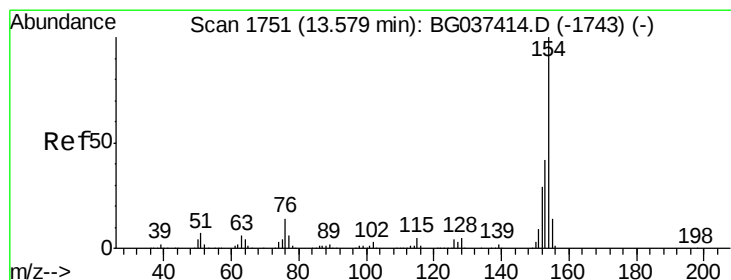
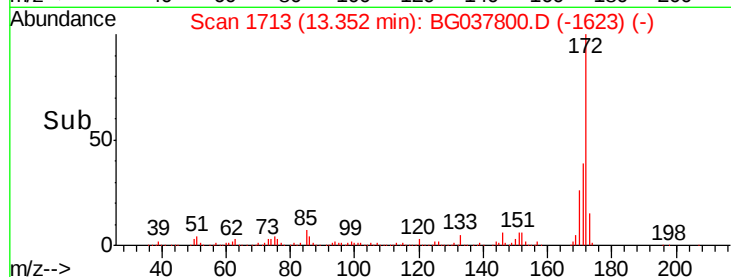
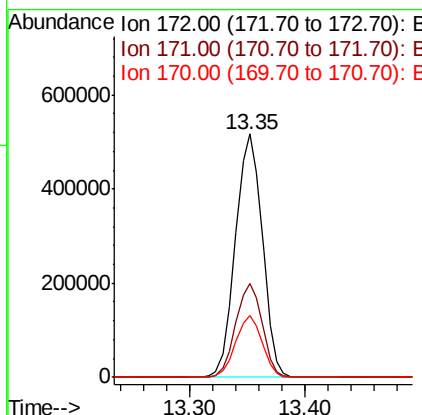
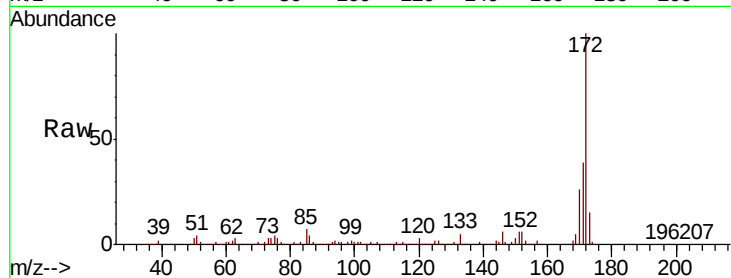




#45
 2-Fluorobiphenyl
 Concen: 80.585 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

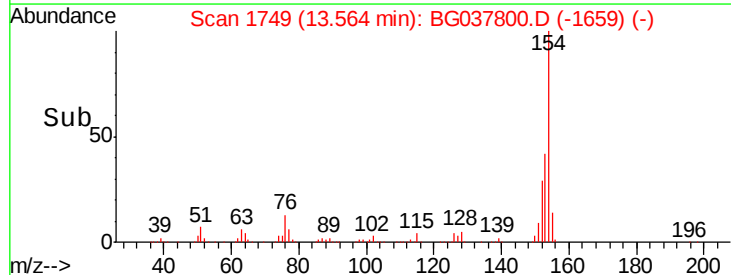
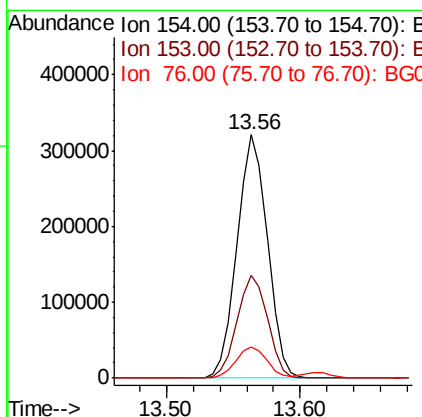
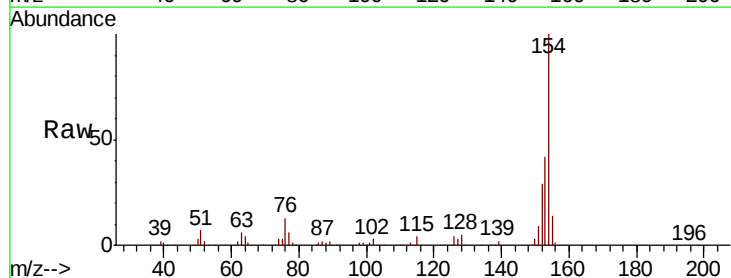
Instrument :
 BNA_G
 ClientSampleId :

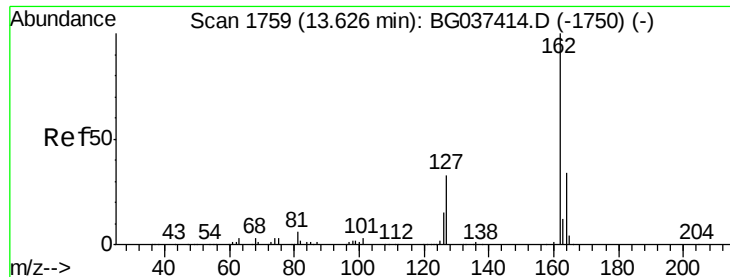
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	25.6	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 39.164 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. -0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.1	62.1
76	12.6	0.0	33.2

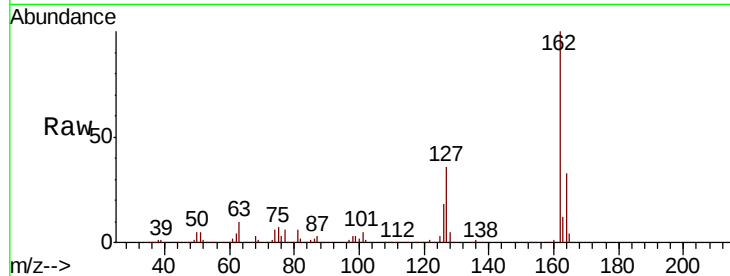




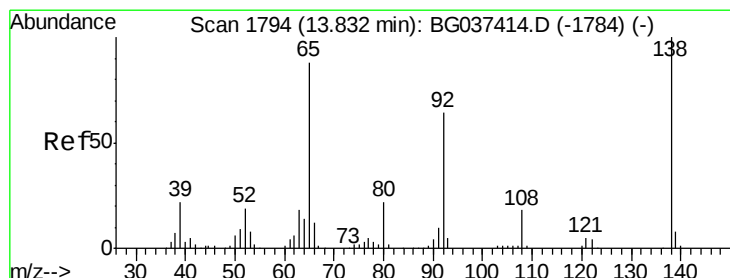
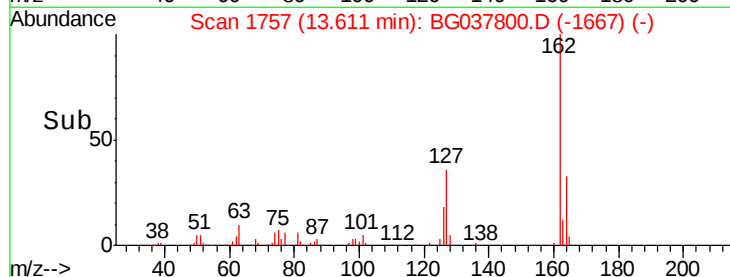
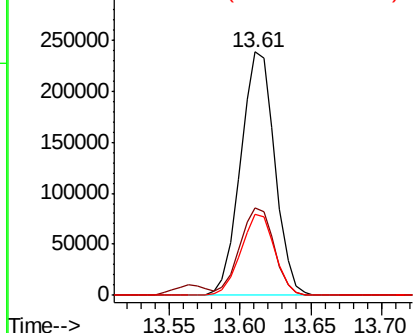
#47
 2-Chloronaphthalene
 Concen: 41.412 ng
 RT: 13.61 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 403521
 Ion Ratio Lower Upper
 162 100
 127 35.7 30.5 45.7
 164 33.4 26.4 39.6

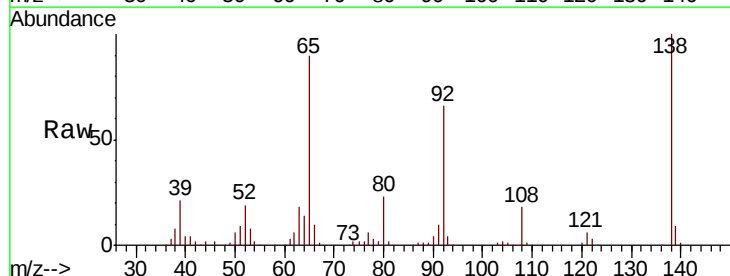


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

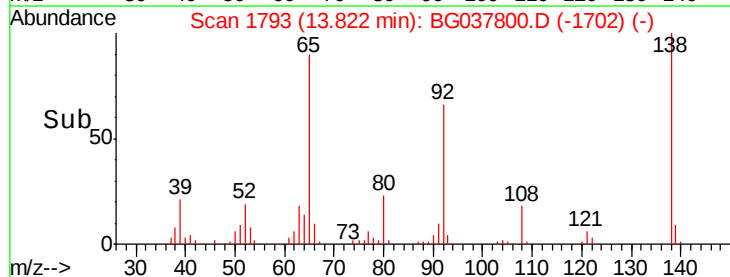
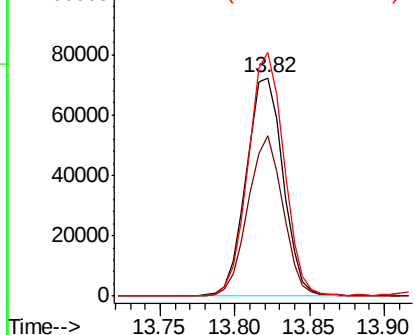


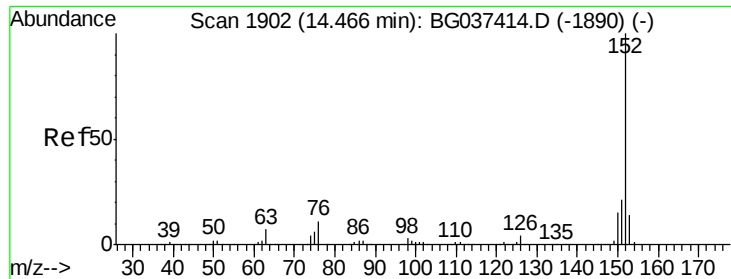
#48
 2-Nitroaniline
 Concen: 41.703 ng
 RT: 13.82 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Tgt Ion: 65 Resp: 123227
 Ion Ratio Lower Upper
 65 100
 92 73.3 53.2 79.8
 138 111.5 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: 45.137 ng

RT: 14.46 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

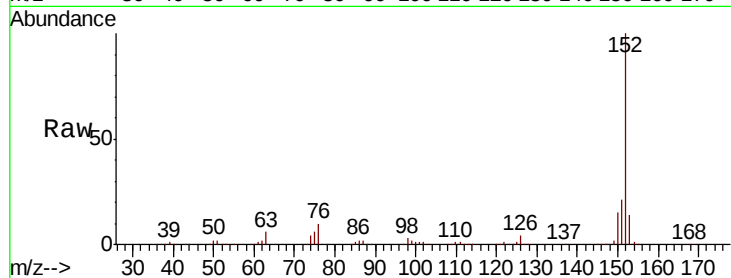
Tot Ion:152 Resp: 661614

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

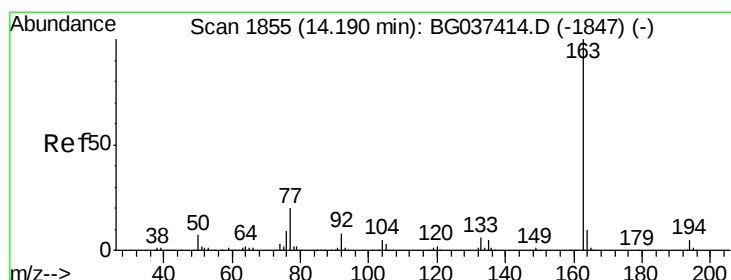
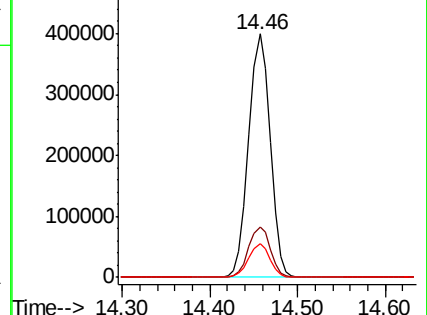
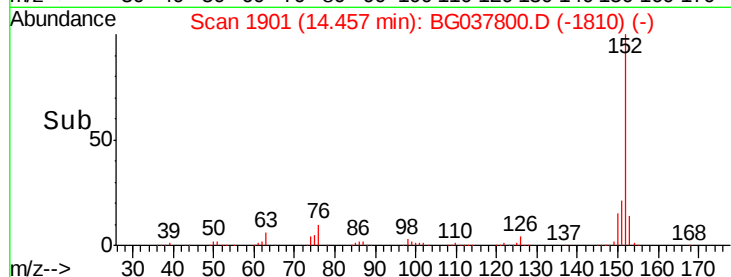
153 13.7 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.253 ng

RT: 14.18 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

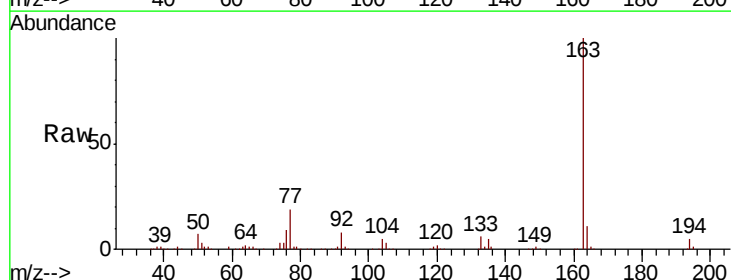
Tgt Ion:163 Resp: 496331

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

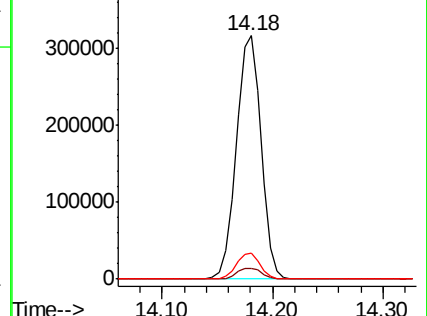
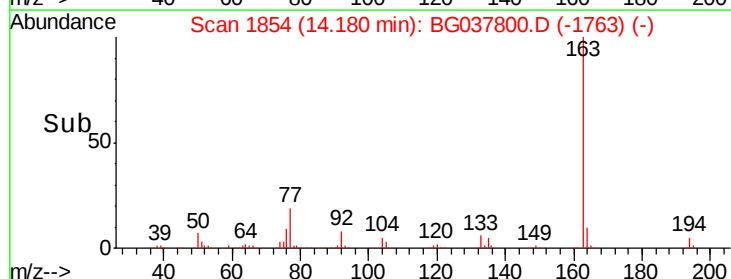
164 10.5 8.5 12.7

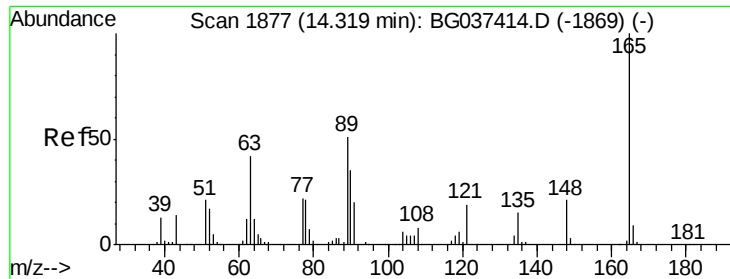


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

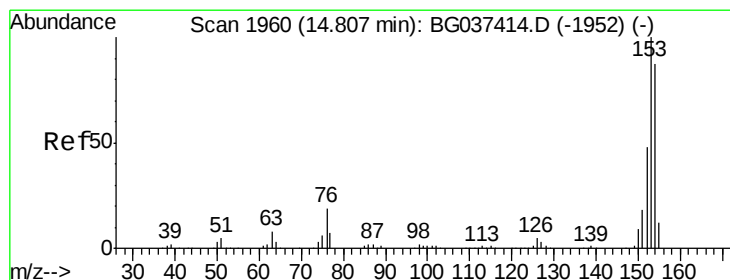
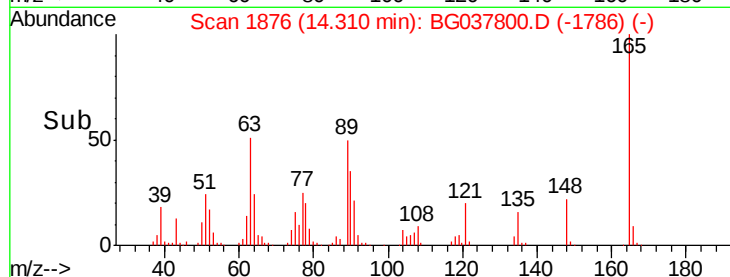
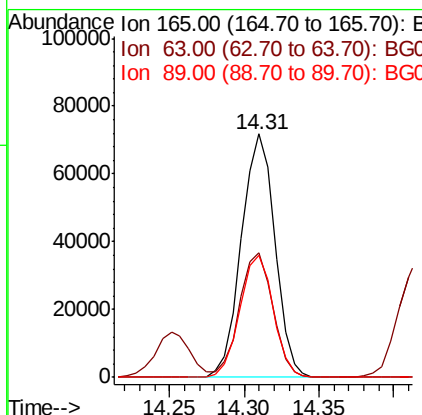
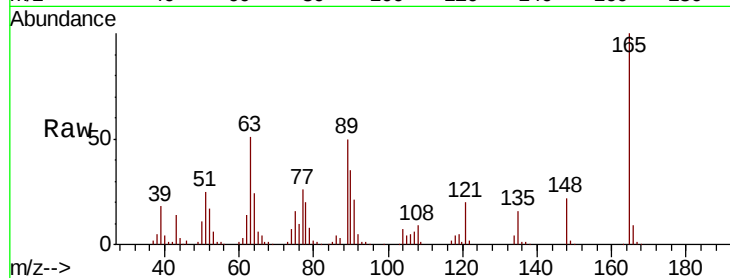




#51
 2,6-Dinitrotoluene
 Concen: 41.976 ng
 RT: 14.31 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

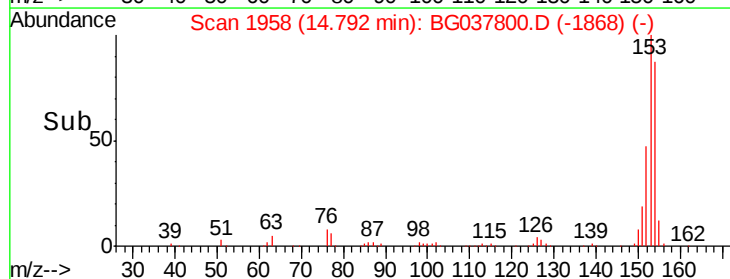
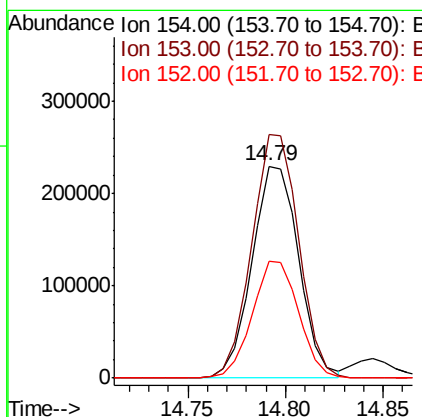
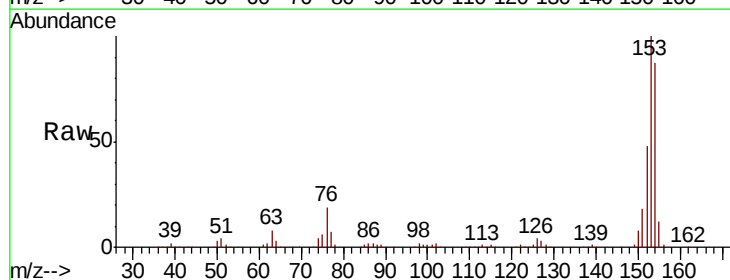
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	165	Resp	111723
Ion Ratio	Lower	Upper	
165	100		
63	51.1	43.4	65.2
89	50.2	45.8	68.6



#52
 Acenaphthene
 Concen: 42.277 ng
 RT: 14.79 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Tgt Ion	154	Resp	381642
Ion Ratio	Lower	Upper	
154	100		
153	114.7	93.4	140.0
152	54.8	44.7	67.1





#53

3-Nitroaniline

Concen: 32.967 ng

RT: 14.64 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampled :

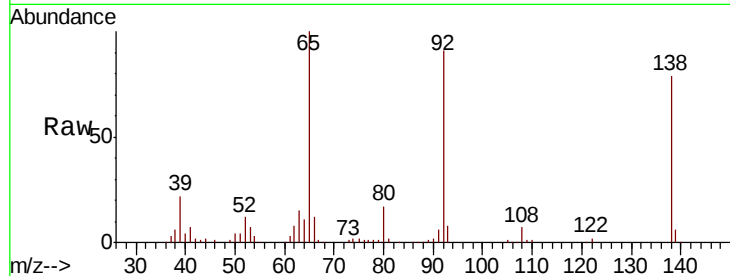
Tot Ion:138 Resp: 97407

Ion Ratio Lower Upper

138 100

108 9.5 11.0 16.6#

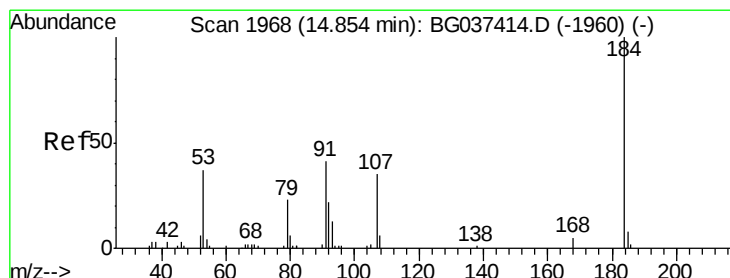
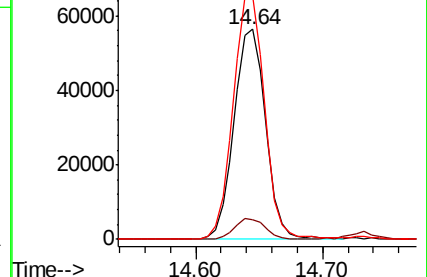
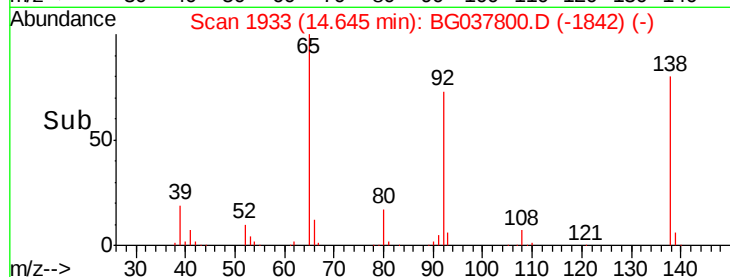
92 115.8 95.2 142.8



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: 65.406 ng

RT: 14.84 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

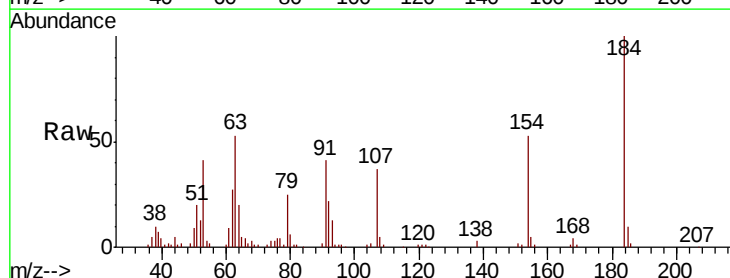
Tgt Ion:184 Resp: 67849

Ion Ratio Lower Upper

184 100

63 52.9 42.6 63.8

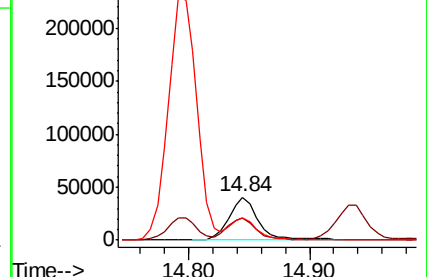
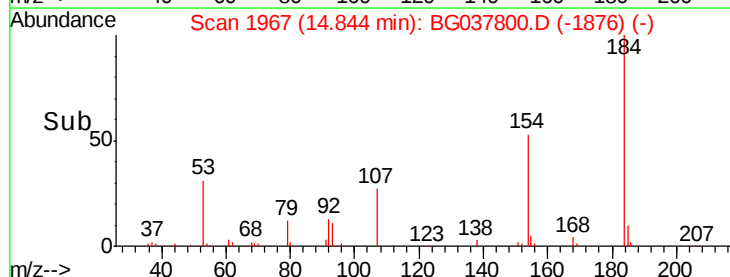
154 52.8 41.8 62.6

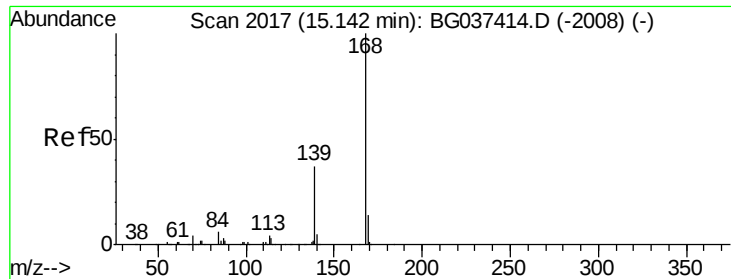


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

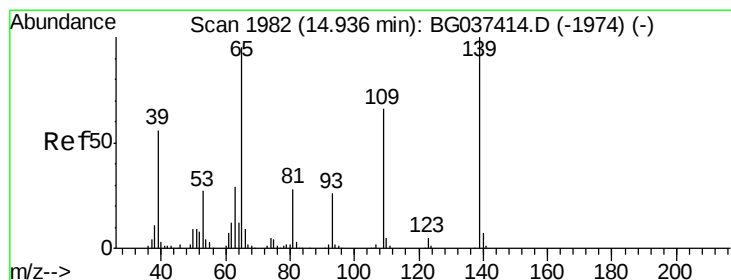
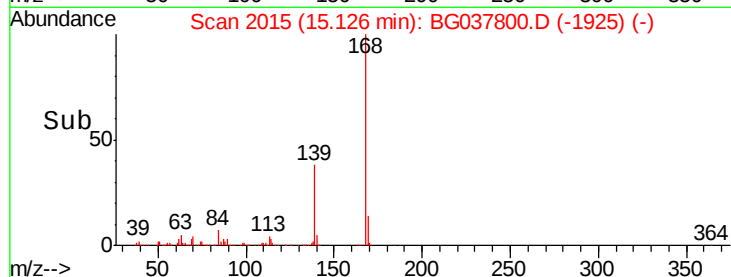
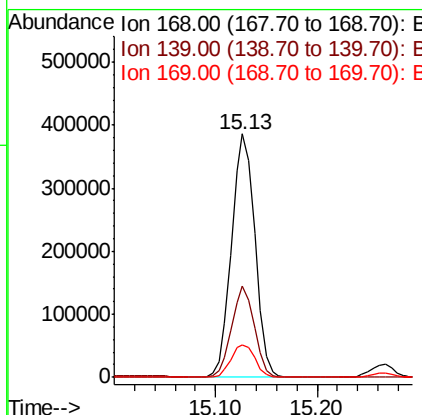
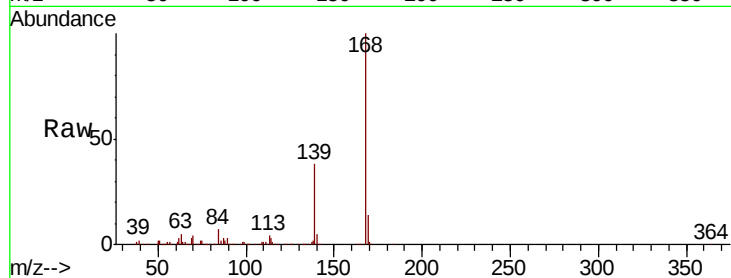




#55
Dibenzofuran
Concen: 41.296 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

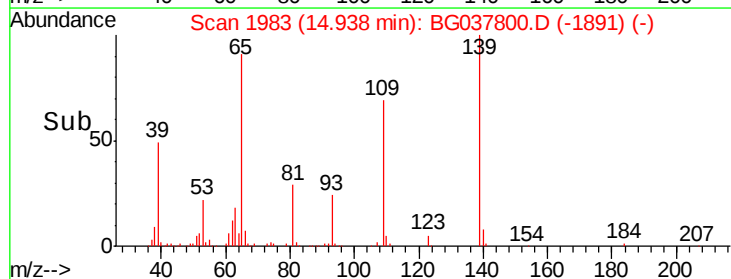
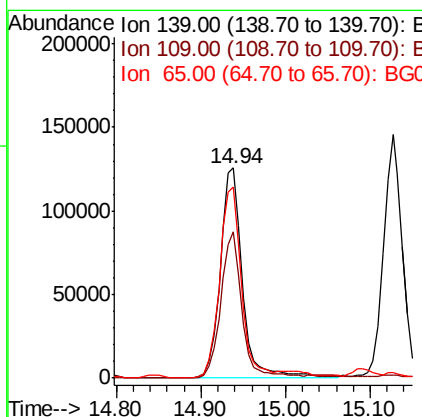
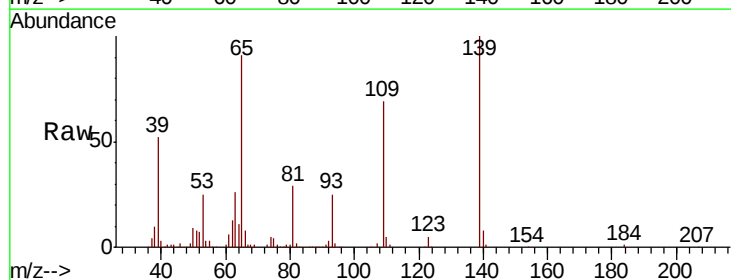
Instrument :
BNA_G
ClientSampleId :

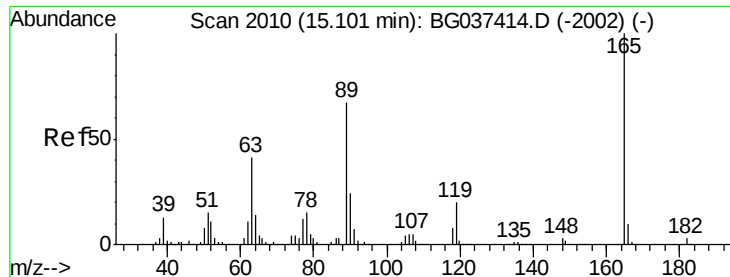
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	29.4	44.0
169	13.5	11.0	16.6



#56
4-Nitrophenol
Concen: 105.126 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.5	49.5	89.5
65	91.3	76.8	116.8

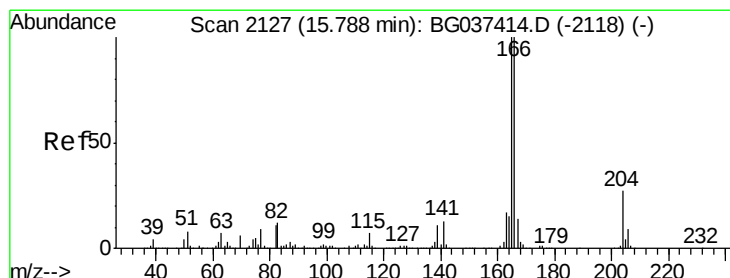
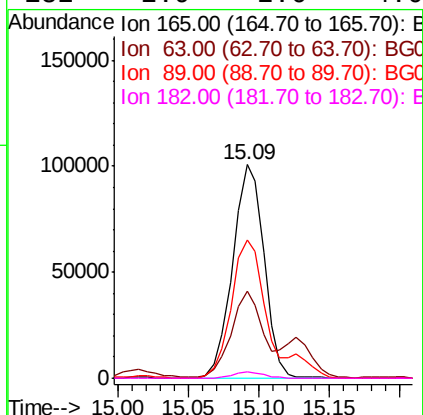
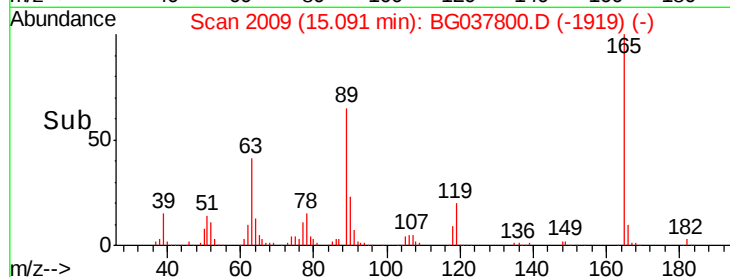
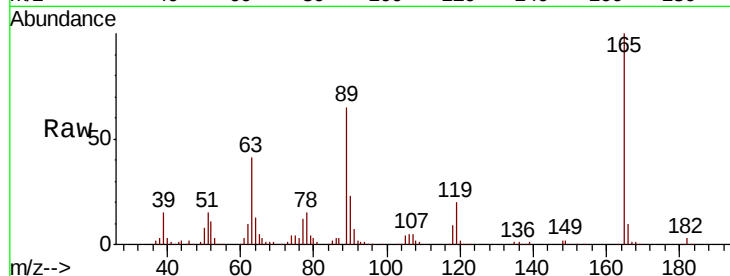




#57
2,4-Dinitrotoluene
Concen: 44.769 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

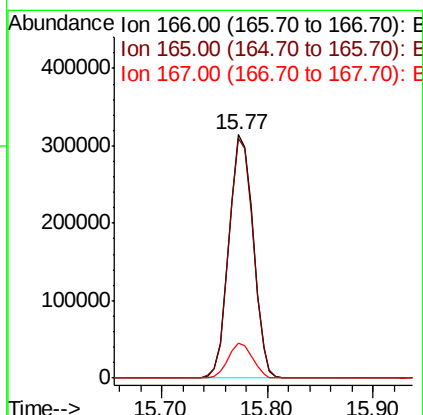
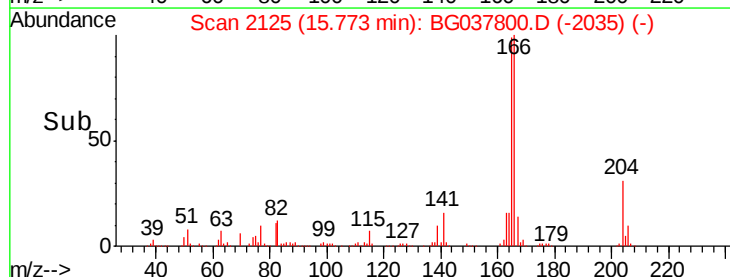
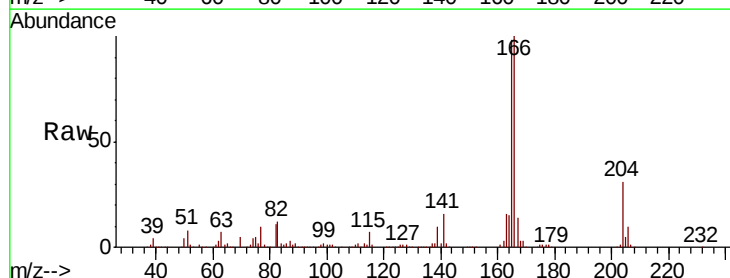
Instrument :
BNA_G
ClientSampleId :

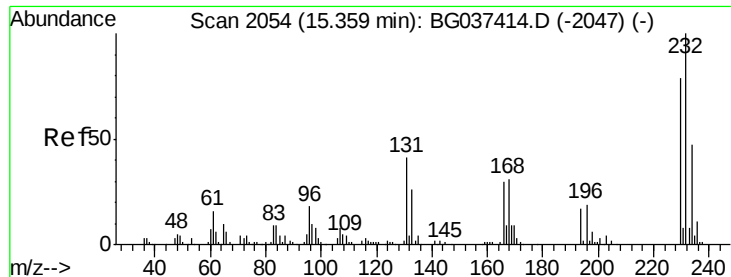
Tot Ion:	165	Resp:	156413
Ion	Ratio	Lower	Upper
165	100		
63	41.0	33.4	50.0
89	64.9	57.2	85.8
182	2.9	2.6	4.0



#58
Fluorene
Concen: 44.476 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion:	166	Resp:	498142
Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.0	118.6
167	14.4	11.3	16.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.875 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampled :

Tot Ion:232 Resp: 137073

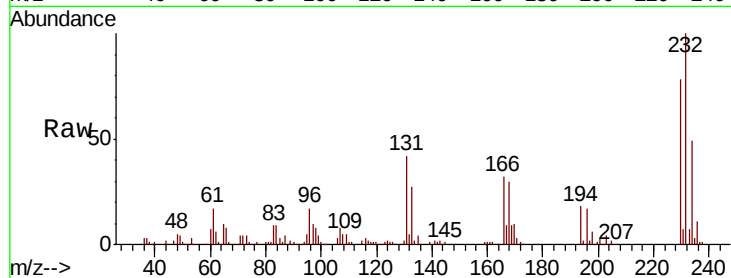
Ion Ratio Lower Upper

232 100

131 40.5 33.7 50.5

130 2.1 2.1 3.1

166 31.0 24.6 36.8

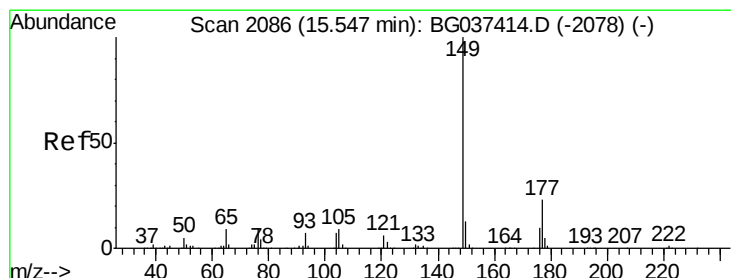
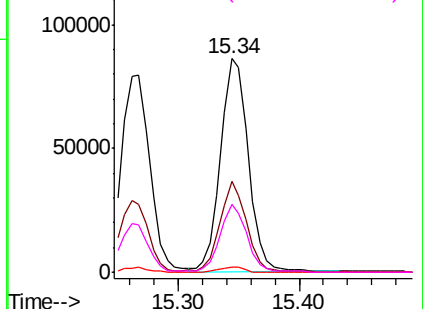
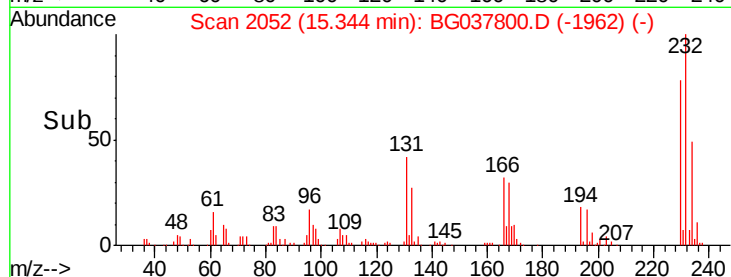


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.410 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

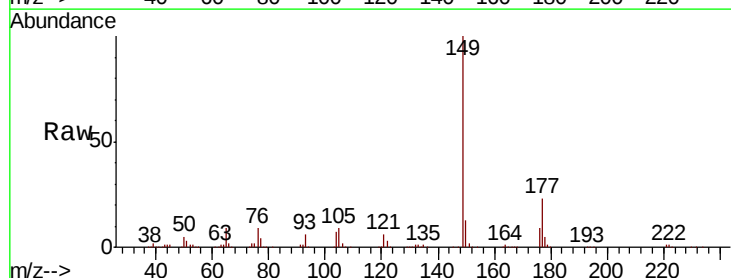
Tgt Ion:149 Resp: 511490

Ion Ratio Lower Upper

149 100

177 23.1 18.3 27.5

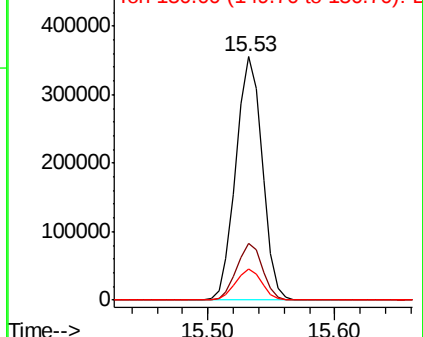
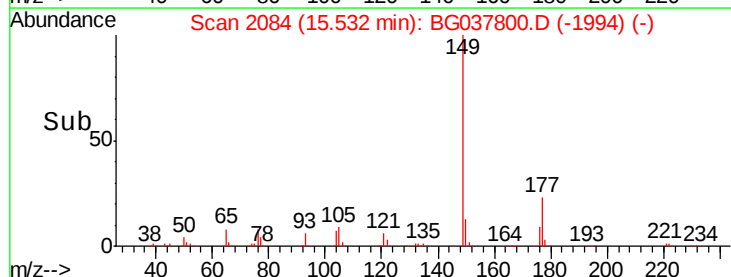
150 12.7 10.0 15.0

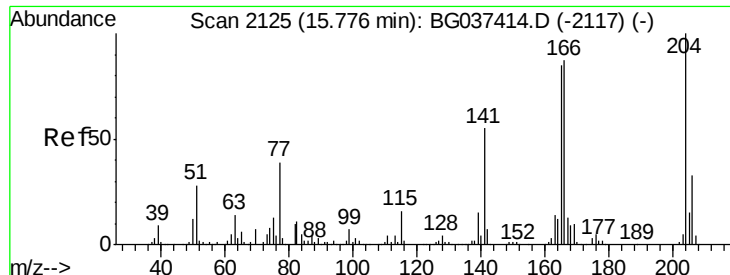


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

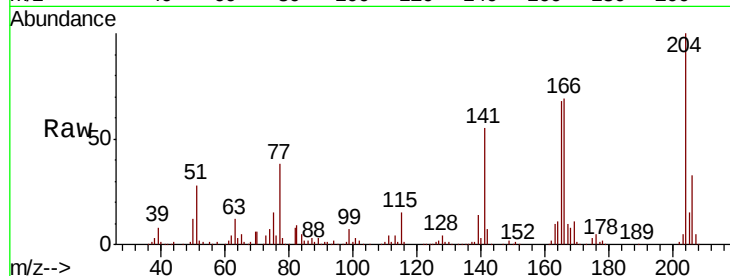




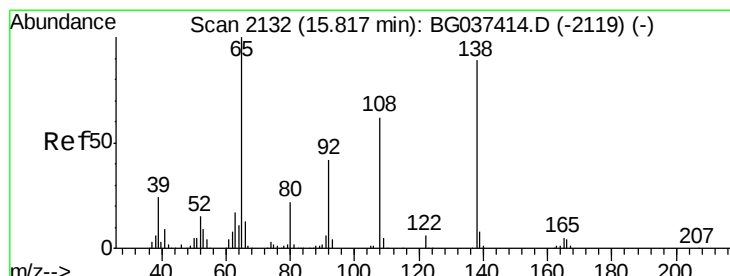
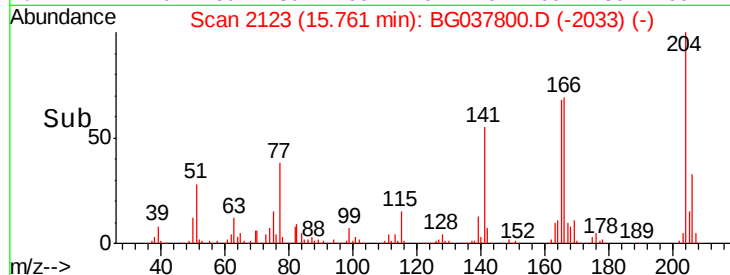
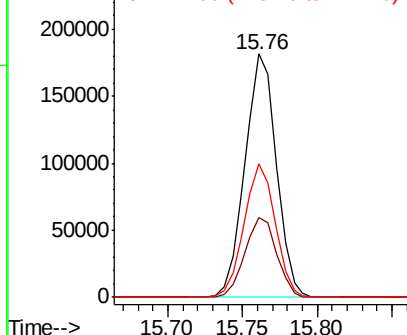
#61
 4-Chlorophenyl-phenylether
 Concen: 40.330 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 263282
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.6 39.8
 141 54.6 45.4 68.2

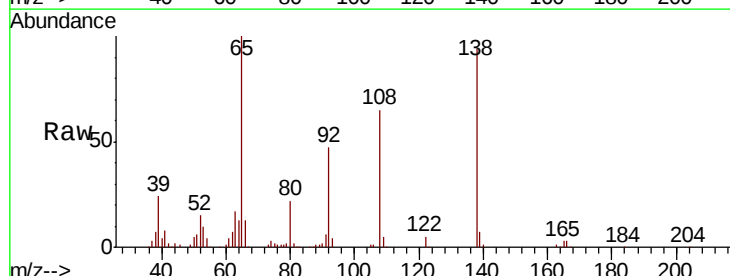


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

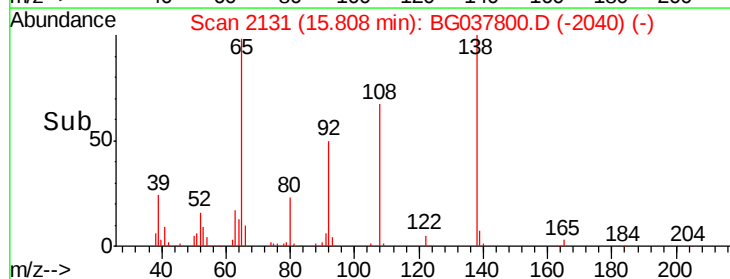
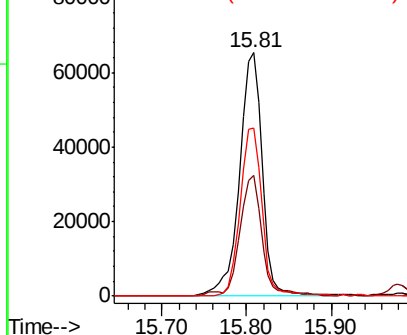


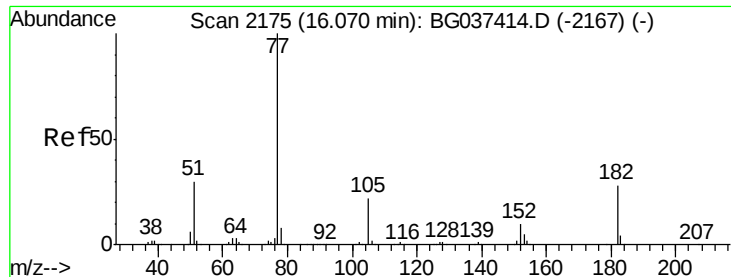
#62
 4-Nitroaniline
 Concen: 41.512 ng
 RT: 15.81 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Tgt Ion:138 Resp: 121880
 Ion Ratio Lower Upper
 138 100
 92 49.6 36.4 76.4
 108 69.2 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

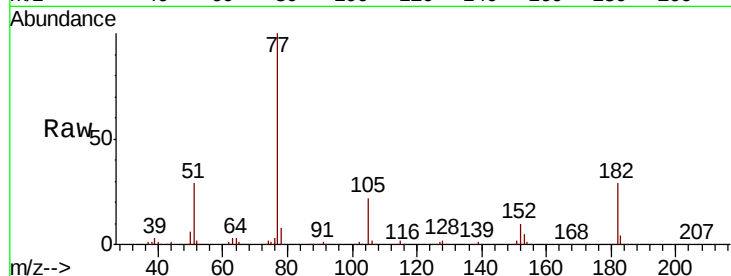




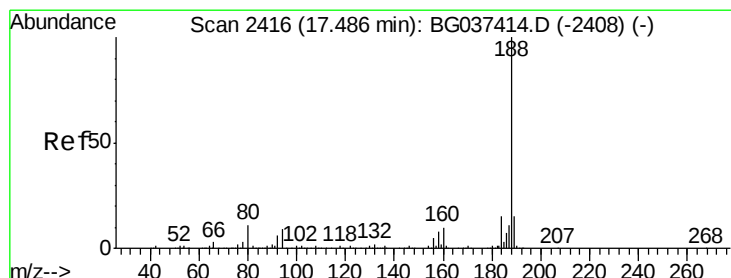
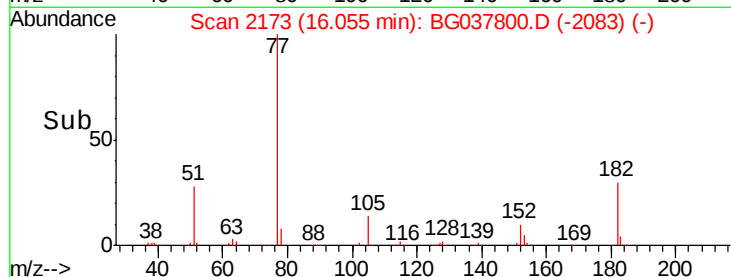
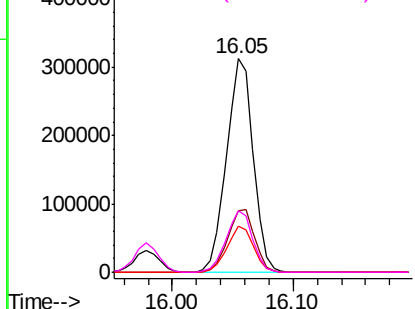
#63
Azobenzene
Concen: 40.499 ng
RT: 16.05 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.5	8.0	48.0
105	21.6	1.3	41.3
51	28.9	10.7	50.7

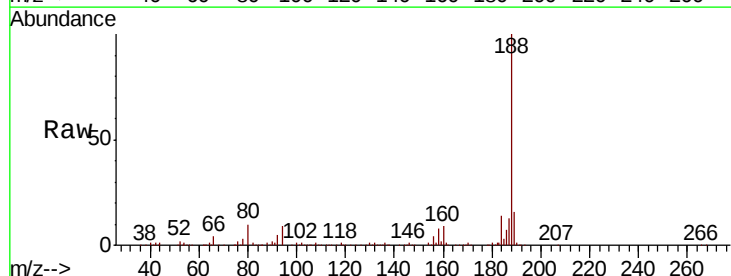


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

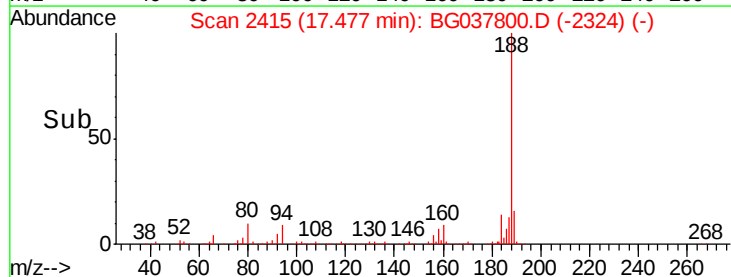
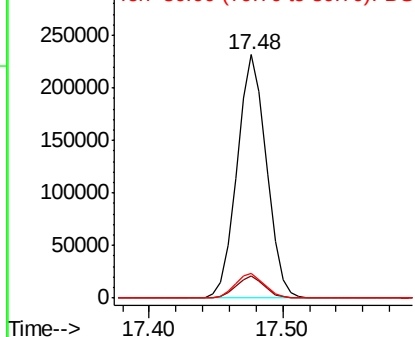


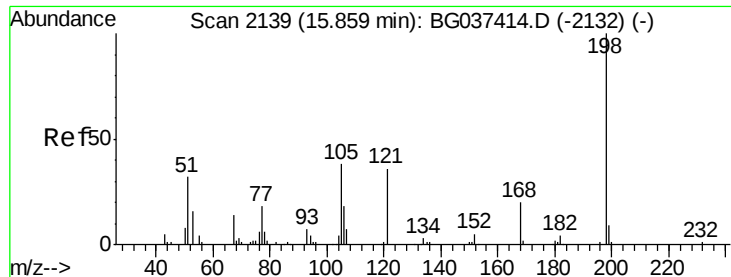
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.4	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: 39.603 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

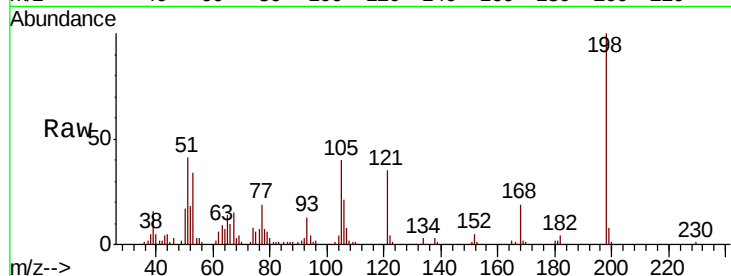
Tot Ion:198 Resp: 69921

Ion	Ratio	Lower	Upper
198	100		
51	40.9	22.7	62.7
105	40.3	19.7	59.7

198 100

51 40.9 22.7 62.7

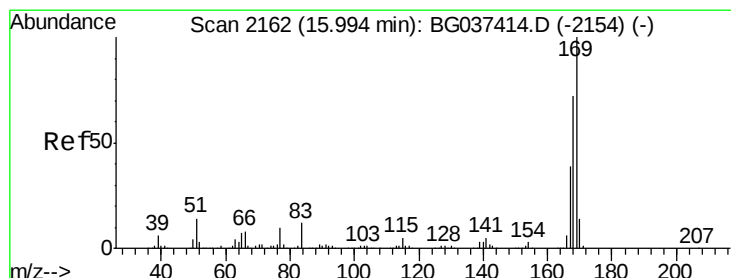
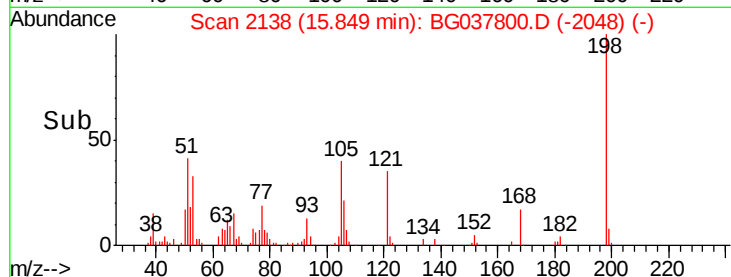
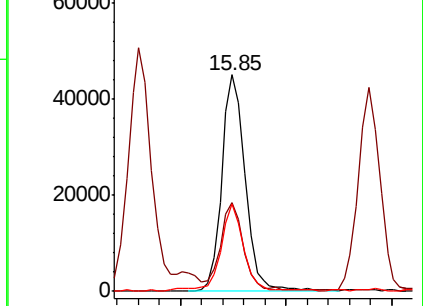
105 40.3 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.116 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

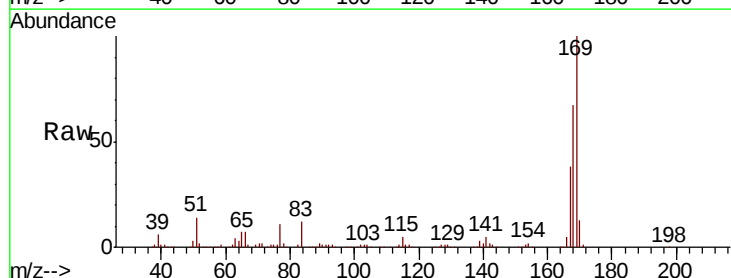
Tgt Ion:169 Resp: 446640

Ion	Ratio	Lower	Upper
169	100		
168	67.0	55.7	83.5
167	37.6	31.3	46.9

169 100

168 67.0 55.7 83.5

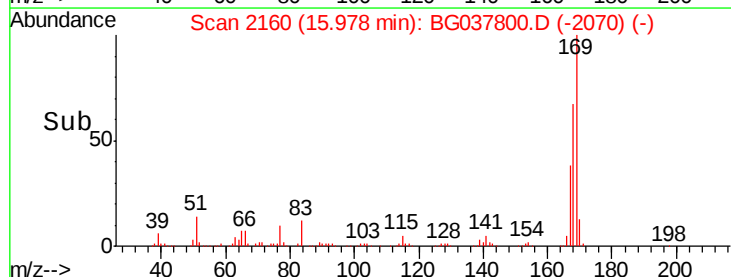
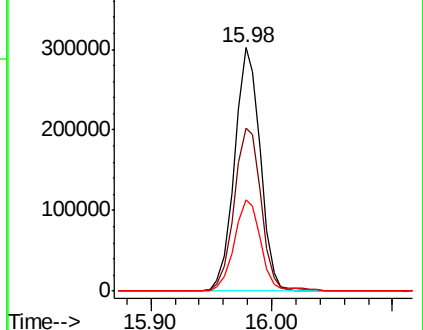
167 37.6 31.3 46.9

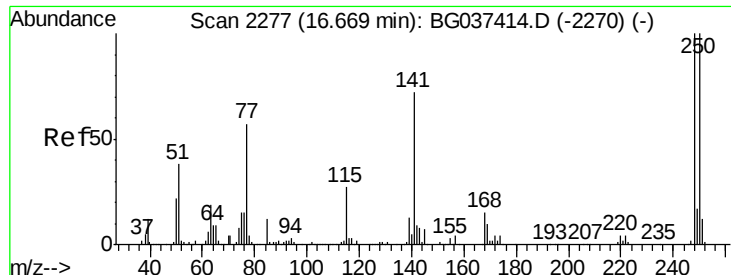


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

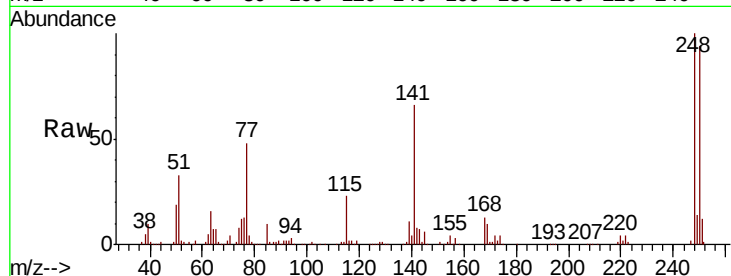




#67
 4-Bromophenyl-phenylether
 Concen: 41.980 ng
 RT: 16.66 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.0	77.0	115.6
141	66.0	55.5	83.3

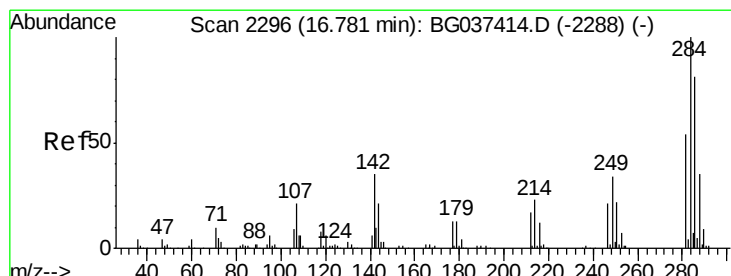
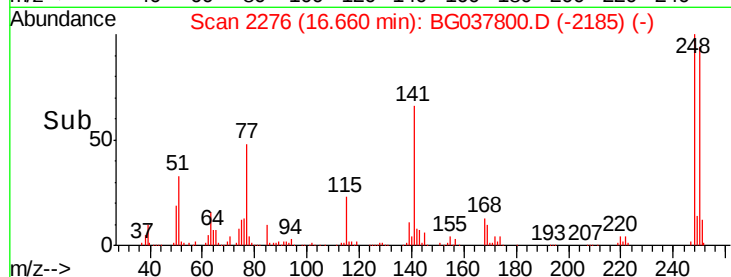
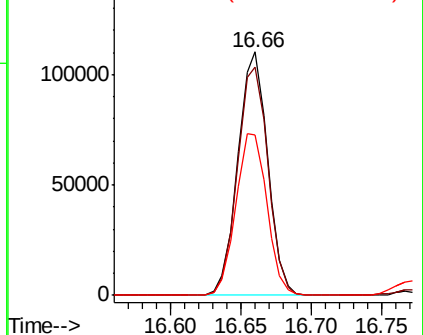


Abundance

Ion 248.00 (247.70 to 248.70): E

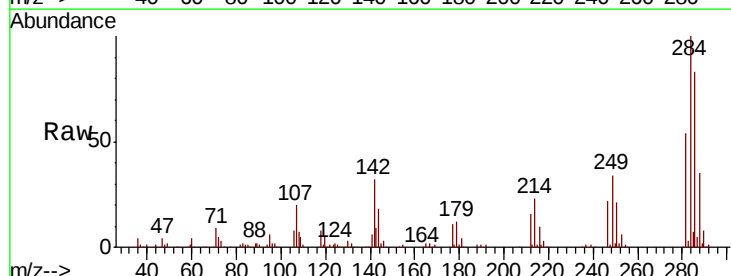
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.475 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. 0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	28.1	42.1
249	36.1	29.8	44.8

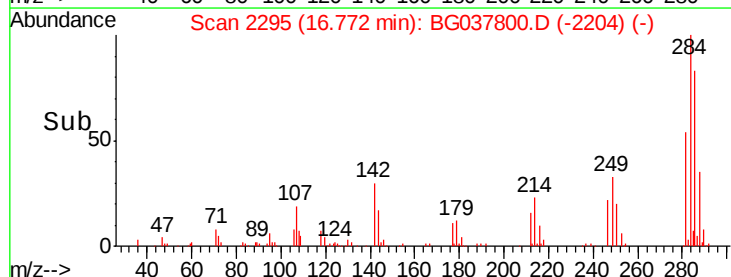
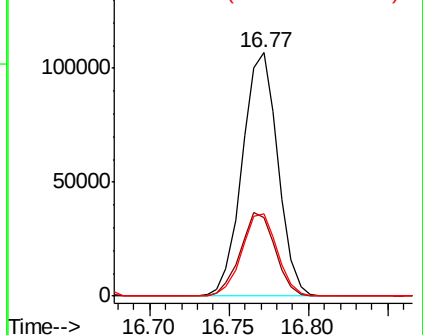


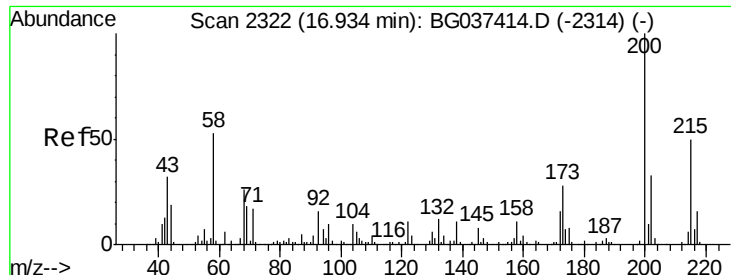
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

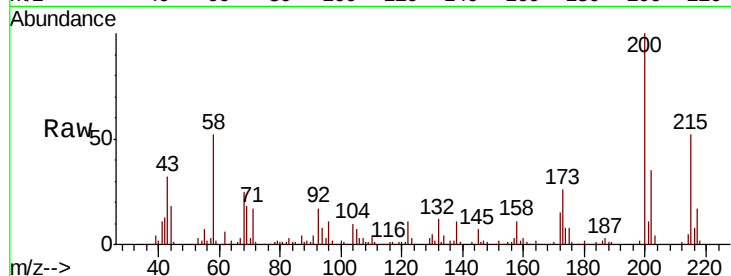




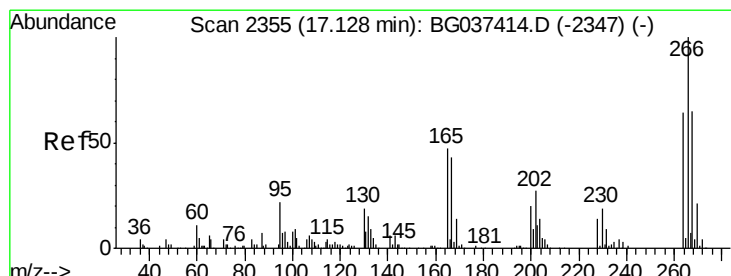
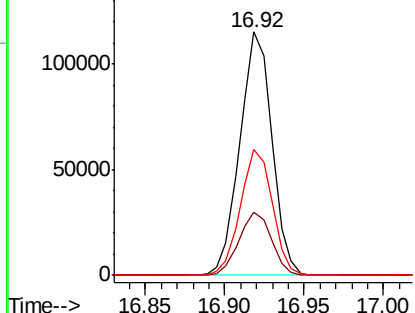
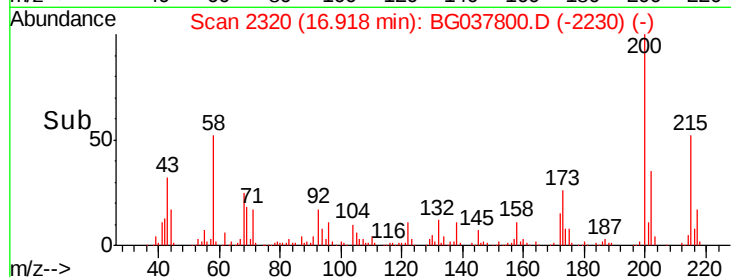
#69
 Atrazine
 Concen: 42.408 ng
 RT: 16.92 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 162604
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.1 46.1
 215 51.8 30.8 70.8

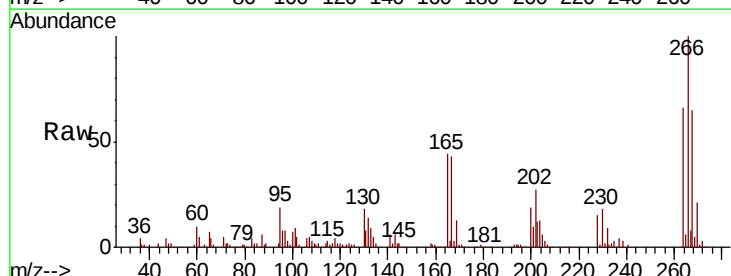


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

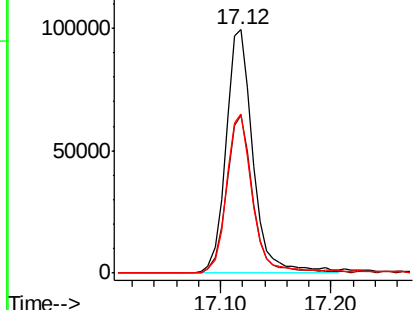
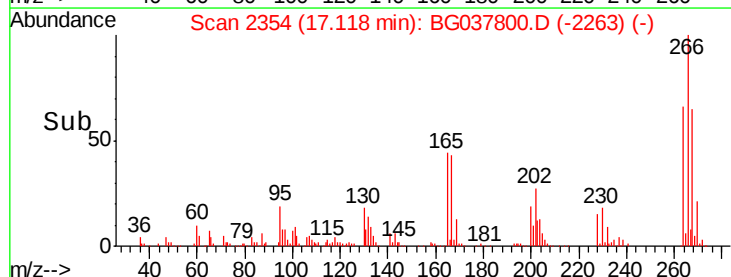


#70
 Pentachlorophenol
 Concen: 63.460 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. 0.00 min
 Lab File: BG037800.D
 Acq: 5 Nov 2018 13:14

Tgt Ion:266 Resp: 170568
 Ion Ratio Lower Upper
 266 100
 268 69.3 55.0 82.6
 264 71.2 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

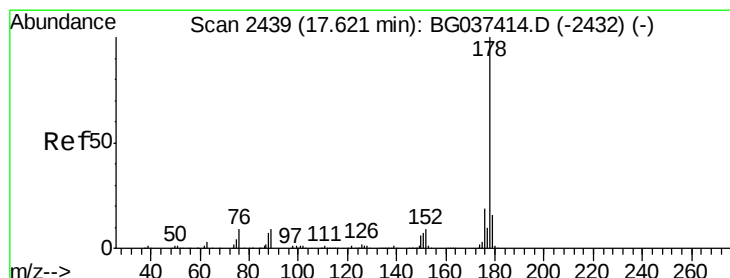
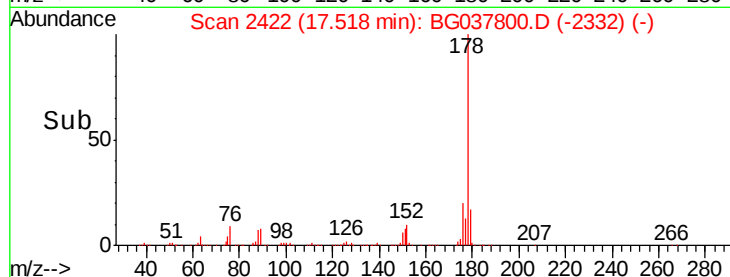
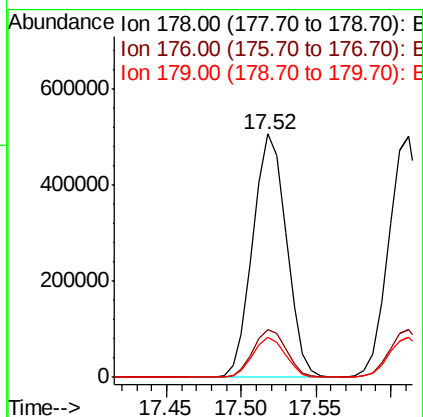
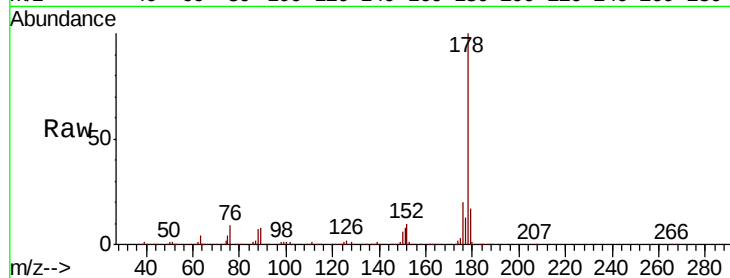




#71
Phenanthrene
Concen: 44.081 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

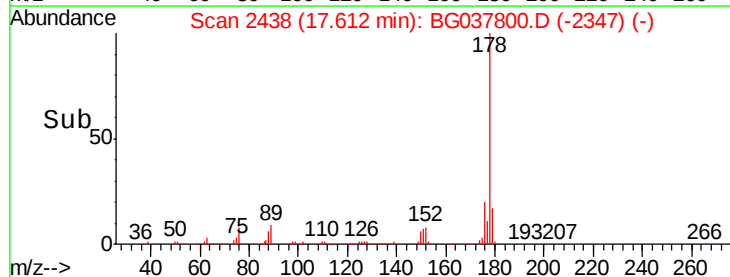
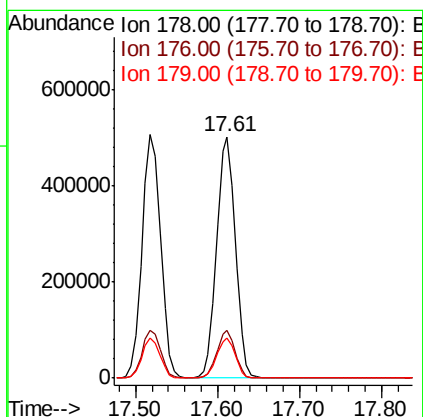
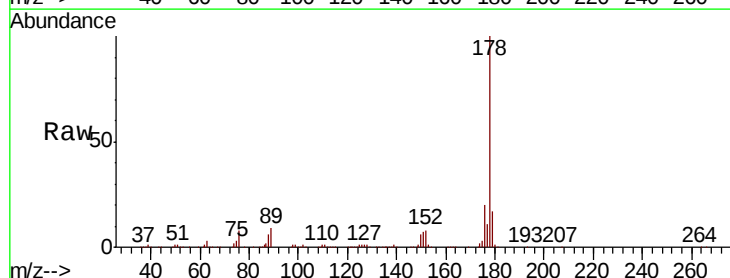
Instrument :
BNA_G
ClientSampleId :

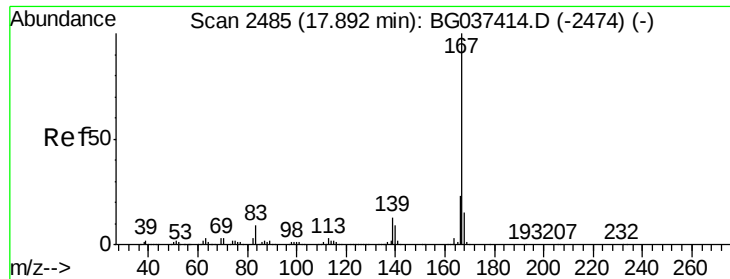
Tot Ion:178 Resp: 789858
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 16.6 13.0 19.4



#72
Anthracene
Concen: 45.845 ng
RT: 17.61 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion:178 Resp: 806148
Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.4
179 16.5 12.8 19.2





#73

Carbazole

Concen: 40.418 ng

RT: 17.88 min Scan# 2484

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

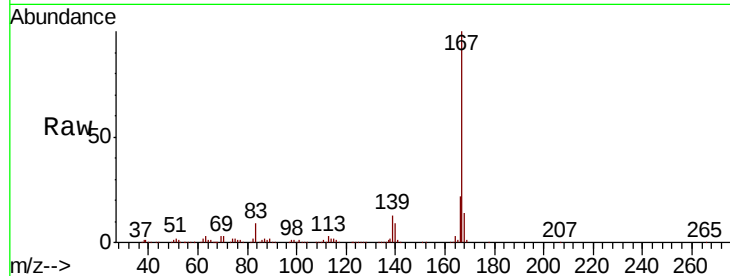
Tot Ion:167 Resp: 710922

Ion Ratio Lower Upper

167 100

166 22.5 18.3 27.5

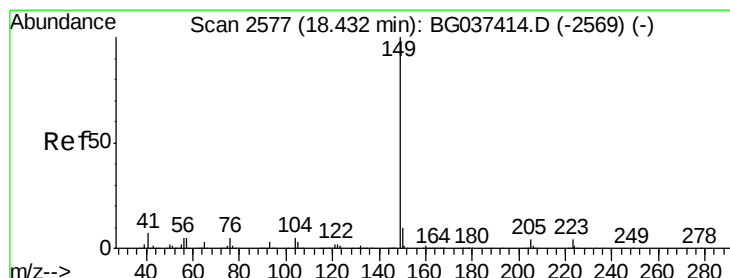
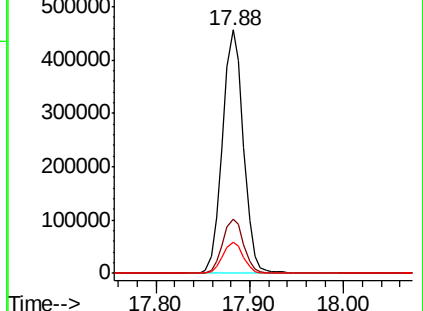
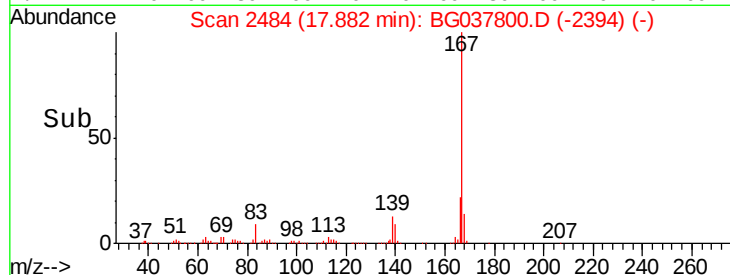
139 12.8 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.509 ng

RT: 18.42 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

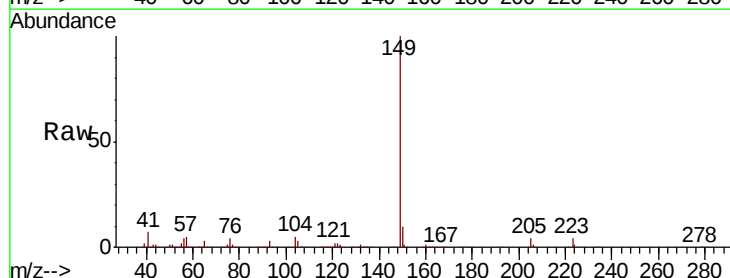
Tgt Ion:149 Resp: 831759

Ion Ratio Lower Upper

149 100

150 9.6 8.2 12.2

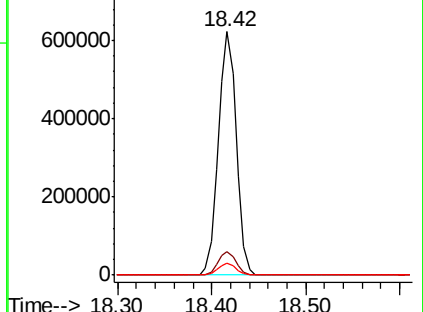
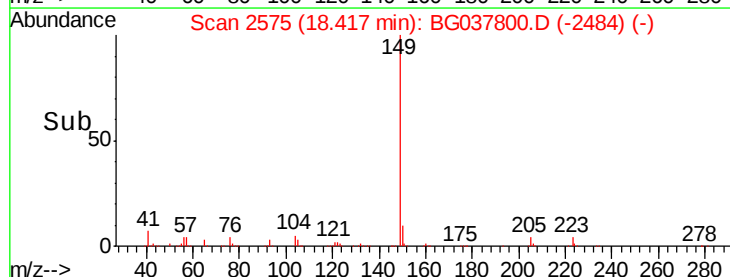
104 4.8 4.0 6.0



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: 43.871 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

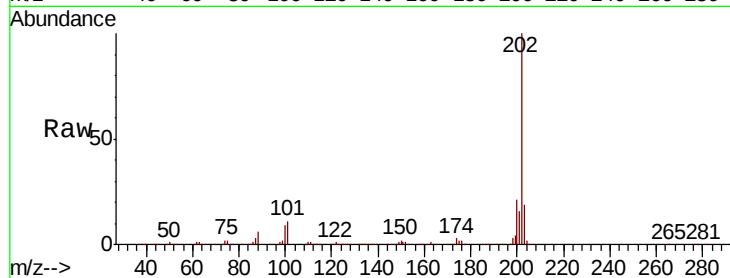
Tot Ion:202 Resp: 891578

Ion Ratio Lower Upper

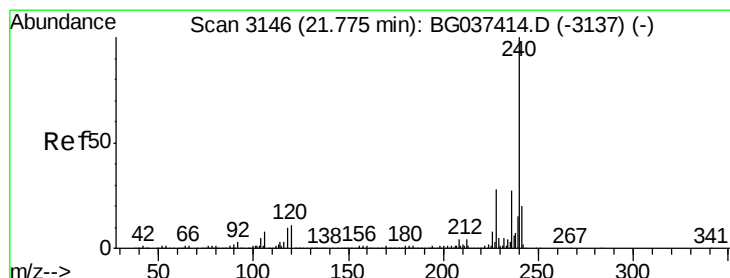
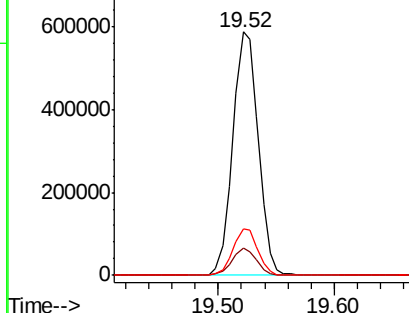
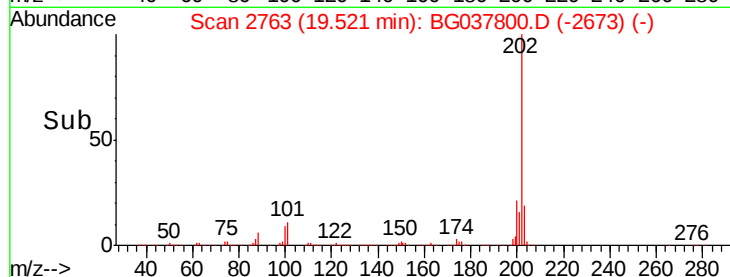
202 100

101 11.1 0.0 30.7

203 19.2 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E
800000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

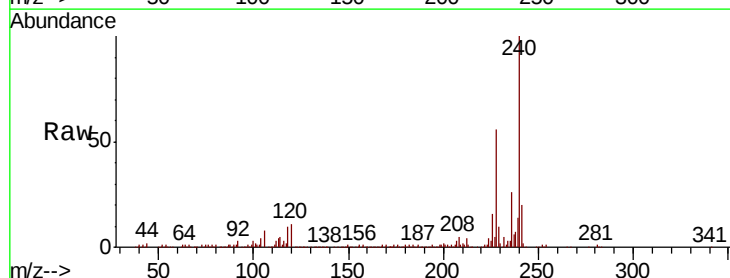
Tgt Ion:240 Resp: 318534

Ion Ratio Lower Upper

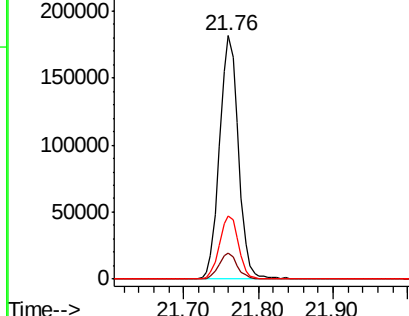
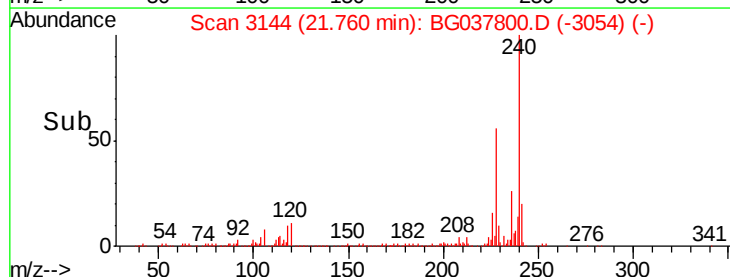
240 100

120 10.6 8.1 12.1

236 26.2 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E
250000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.866 ng

RT: 19.71 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

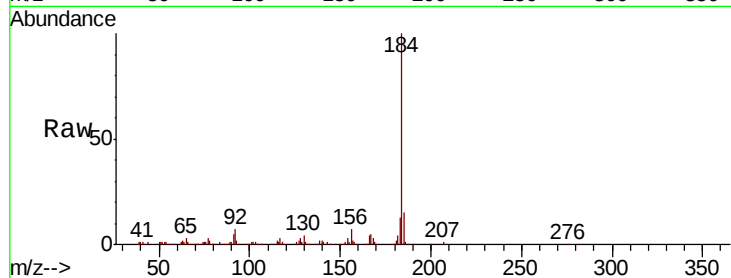
Tot Ion:184 Resp: 388466

Ion Ratio Lower Upper

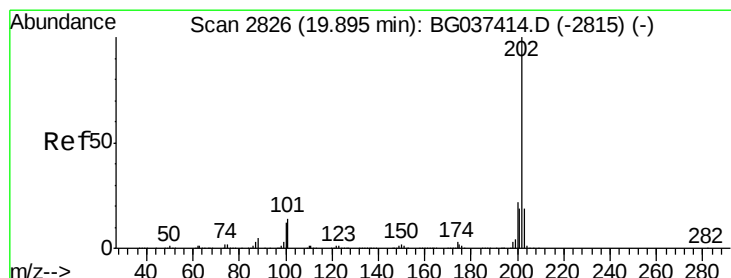
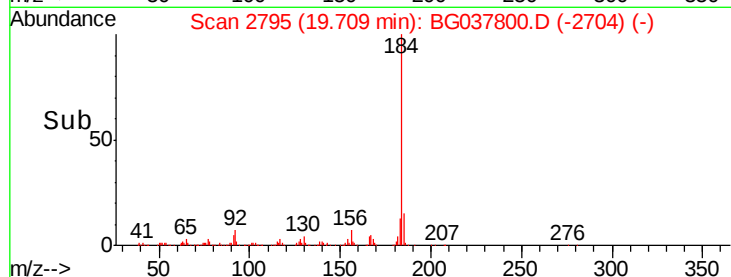
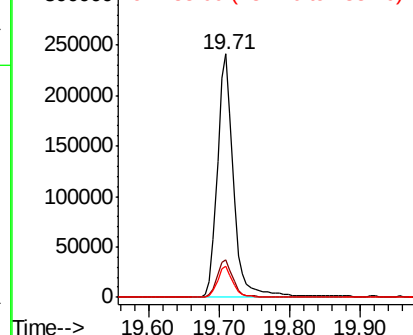
184 100

185 15.2 12.6 18.8

183 12.5 10.2 15.2



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



#78

Pyrene

Concen: 42.783 ng

RT: 19.89 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

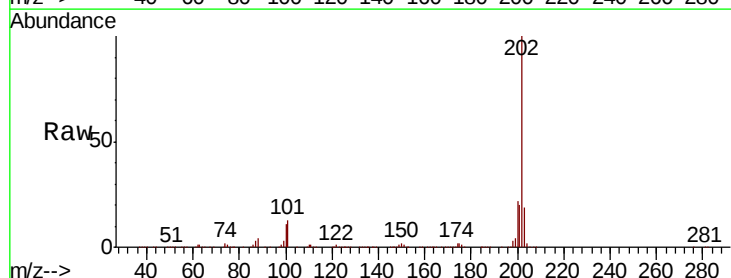
Tgt Ion:202 Resp: 890872

Ion Ratio Lower Upper

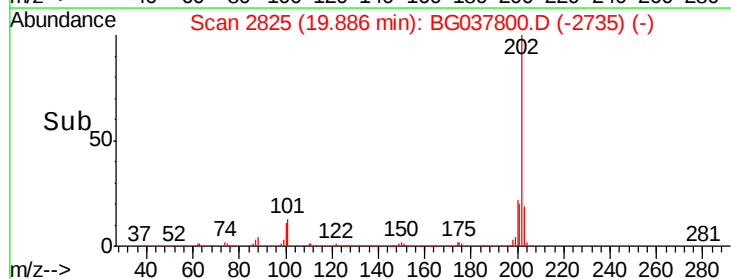
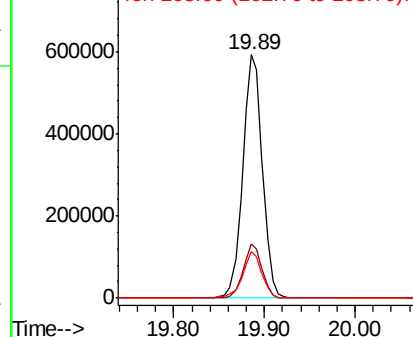
202 100

200 22.1 17.8 26.6

203 19.3 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: 78.237 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampled :

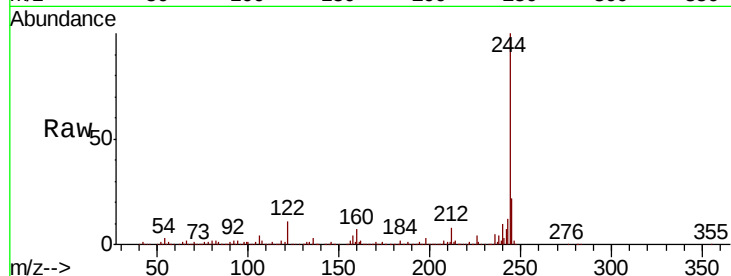
Tot Ion:244 Resp: 1166307

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

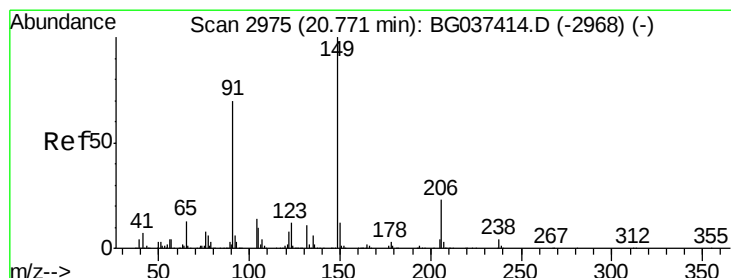
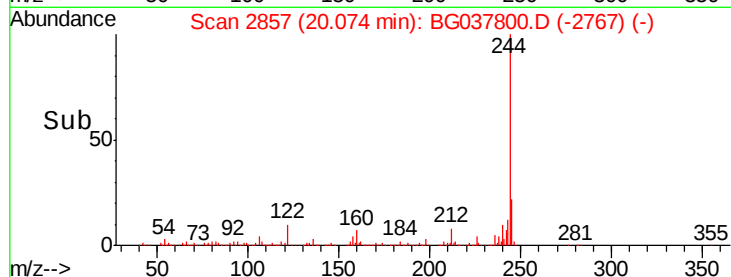
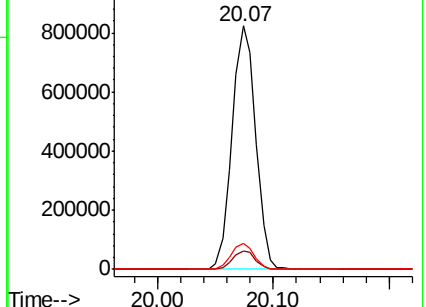
122 10.5 9.0 13.4



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: 43.083 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

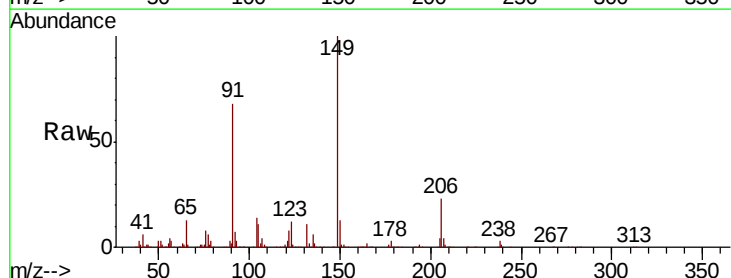
Tgt Ion:149 Resp: 367152

Ion Ratio Lower Upper

149 100

91 67.8 57.0 85.4

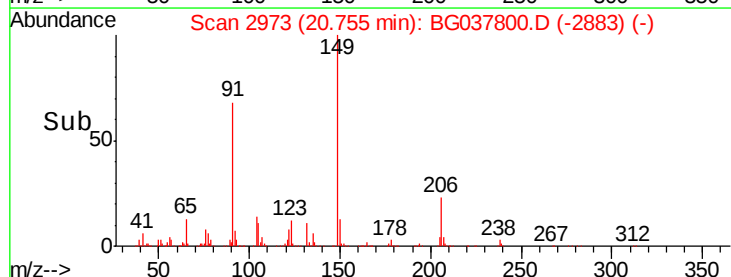
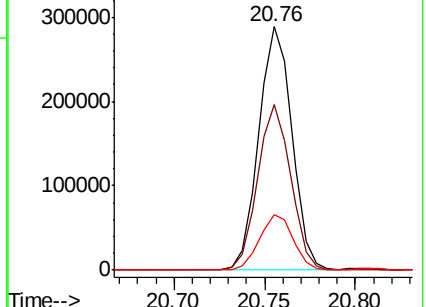
206 22.7 17.8 26.6

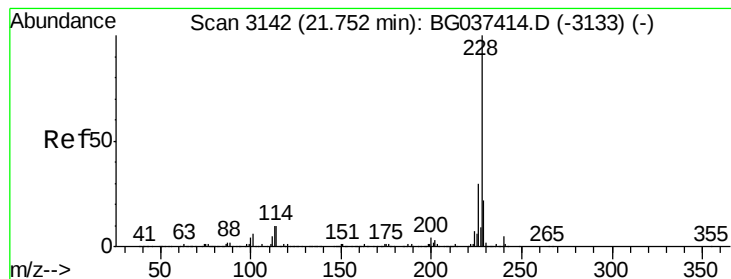


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.283 ng

RT: 21.74 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Instrument :

BNA_G

ClientSampleId :

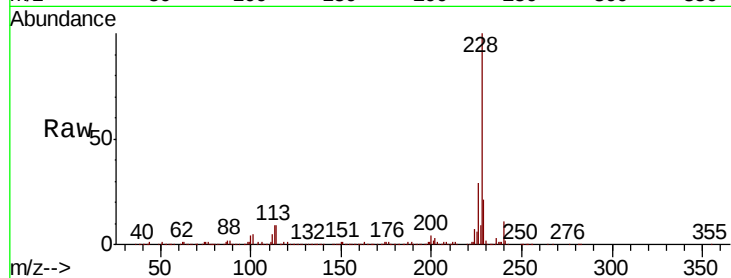
Tot Ion:228 Resp: 834340

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	21.2	16.3	24.5

228 100

226 28.5 22.6 33.8

229 21.2 16.3 24.5

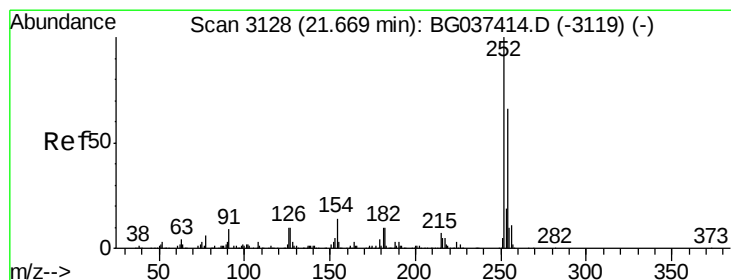
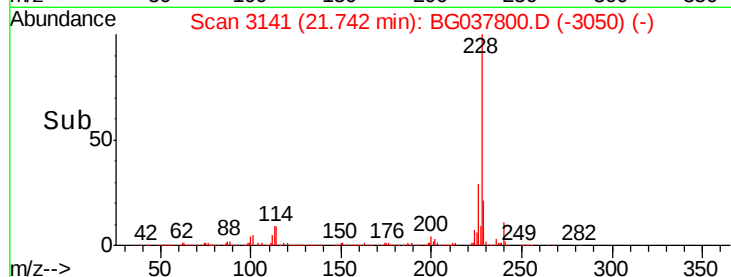
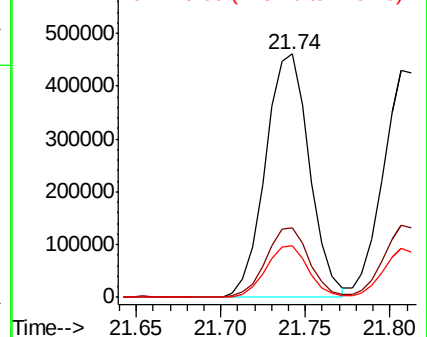


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.042 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

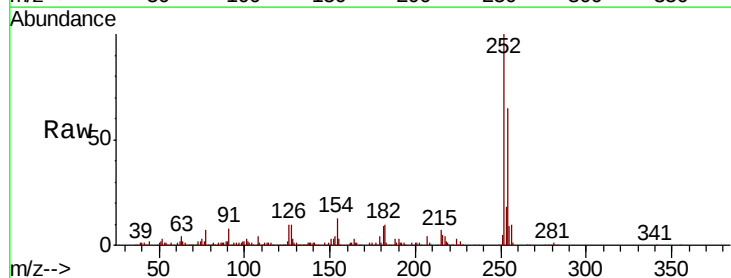
Tgt Ion:252 Resp: 234002

Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.0	78.0
126	9.9	8.2	12.4

252 100

254 64.5 52.0 78.0

126 9.9 8.2 12.4

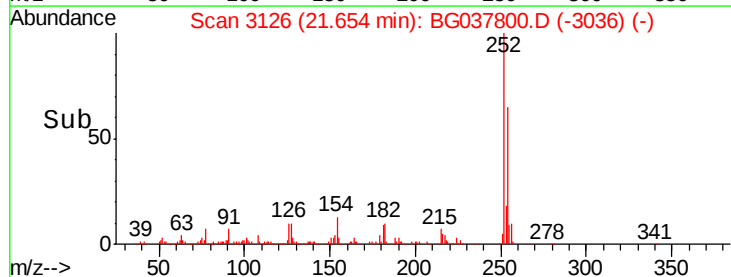
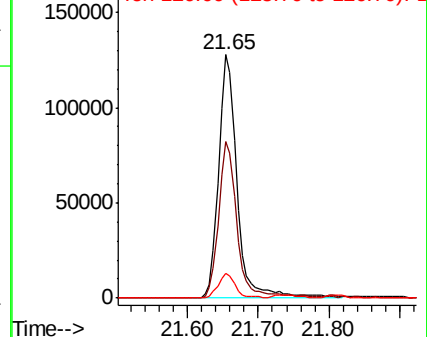


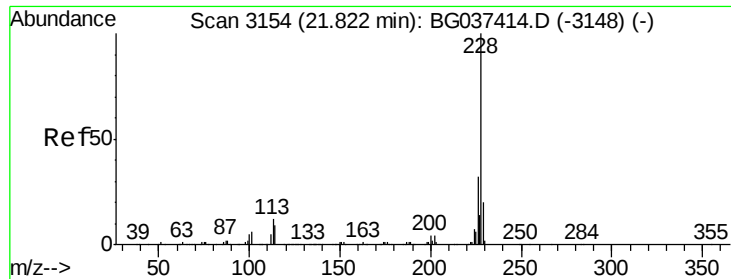
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.297 ng

RT: 21.81 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

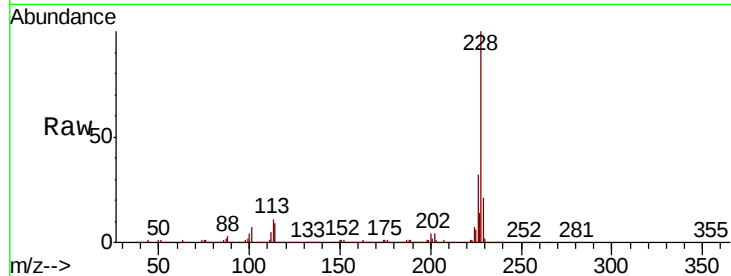
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 784401

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.7	38.5
229	21.4	16.5	24.7

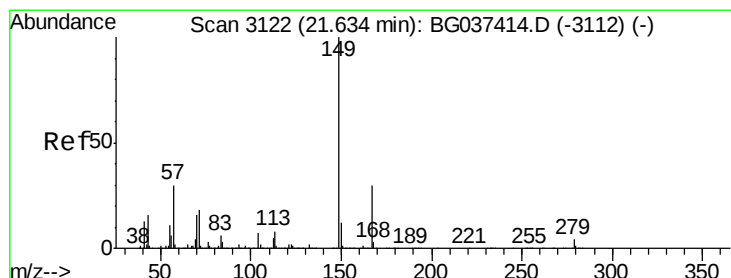
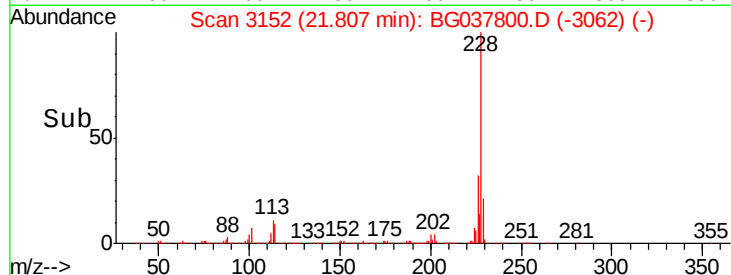
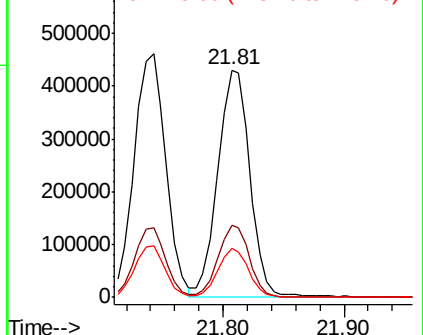


Abundance

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: 43.867 ng

RT: 21.61 min Scan# 3119

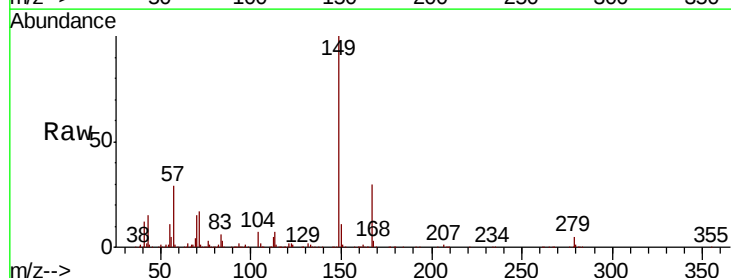
Delta R.T. 0.00 min

Lab File: BG037800.D

Acq: 5 Nov 2018 13:14

Tgt Ion:149 Resp: 524006

Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.0	34.4
279	4.5	3.6	5.4

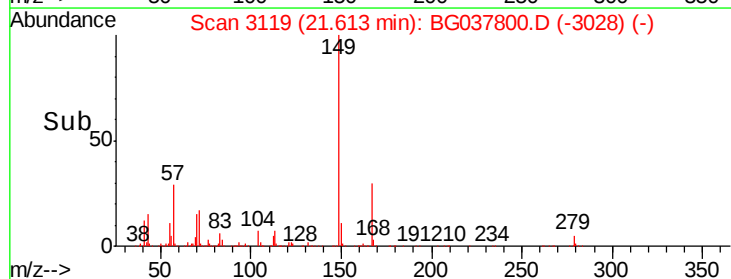
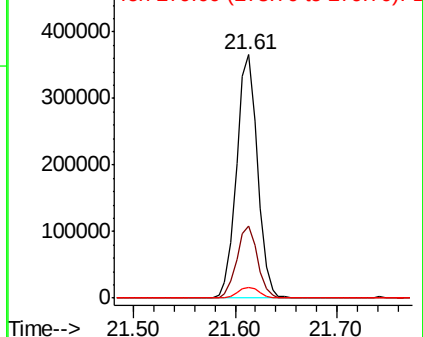


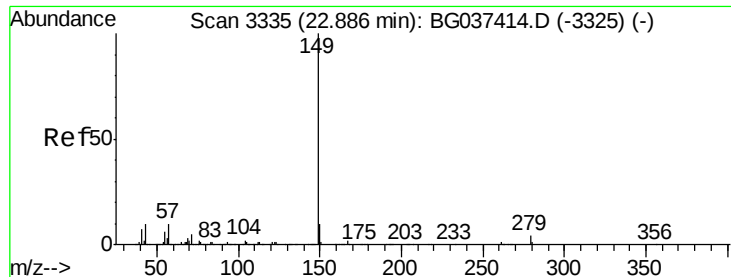
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

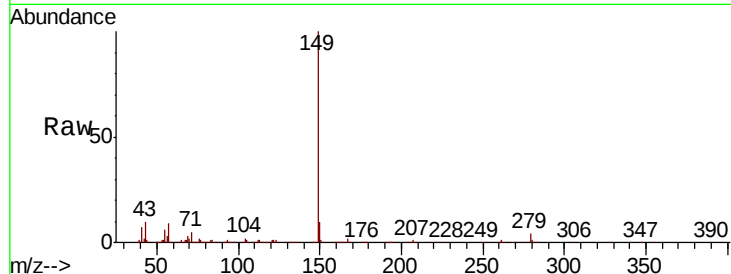




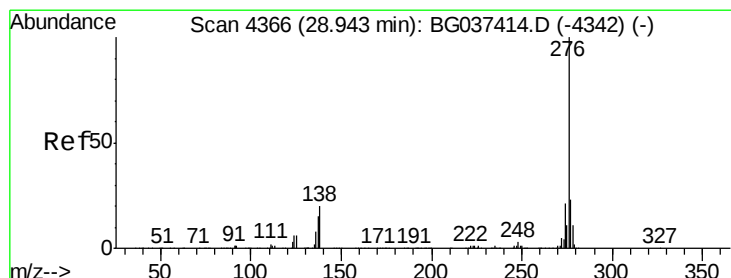
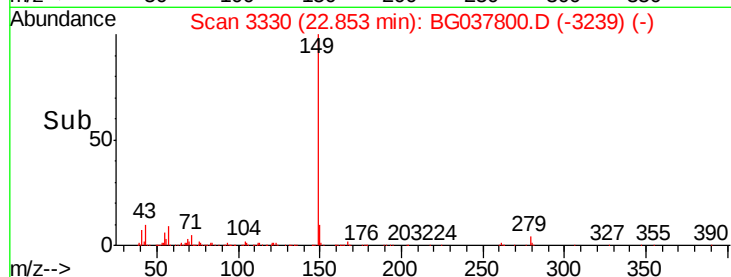
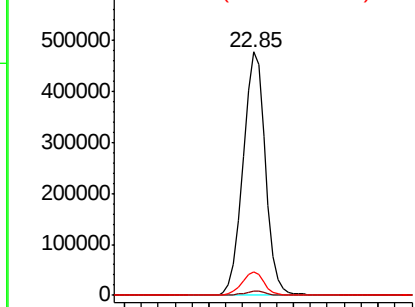
#85
Di-n-octyl phthalate
Concen: 44.893 ng
RT: 22.85 min Scan# 3330
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 874475
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.3 8.7 13.1

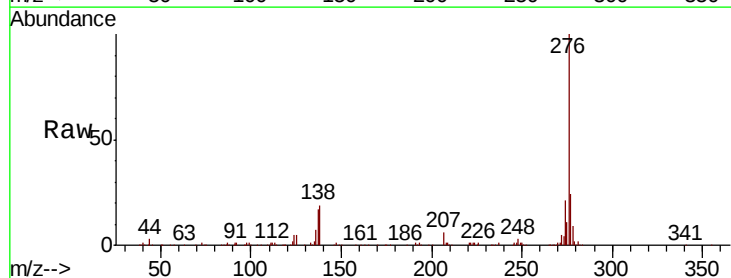


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

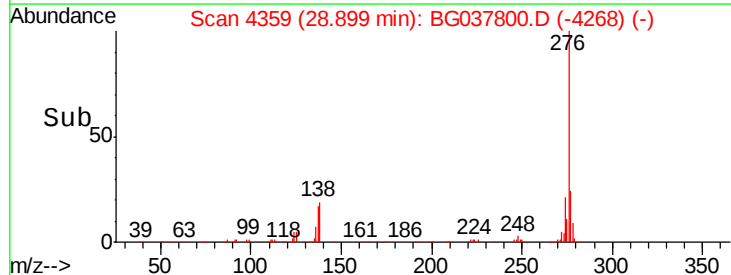
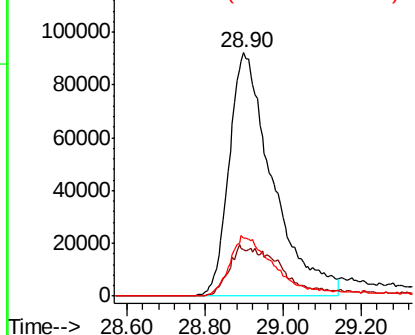


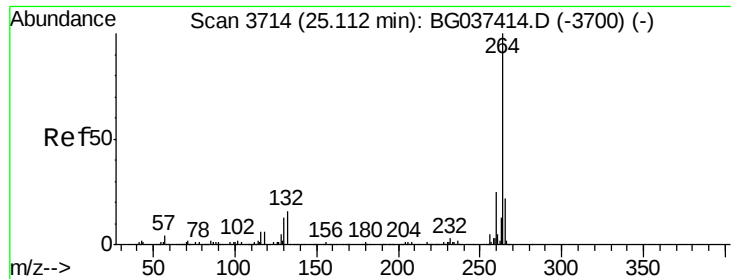
#86
Indeno(1,2,3-cd)pyrene
Concen: 36.651 ng
RT: 28.90 min Scan# 4359
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion:276 Resp: 712189
Ion Ratio Lower Upper
276 100
138 8.2 12.0 18.0#
277 25.0 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



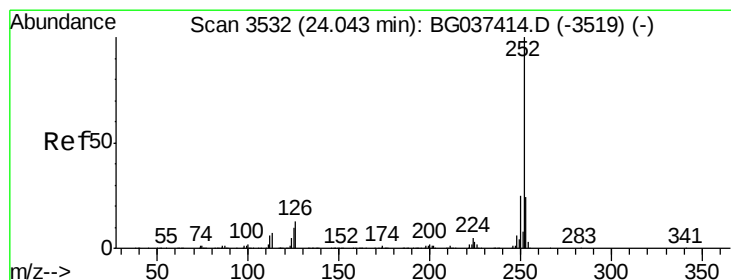
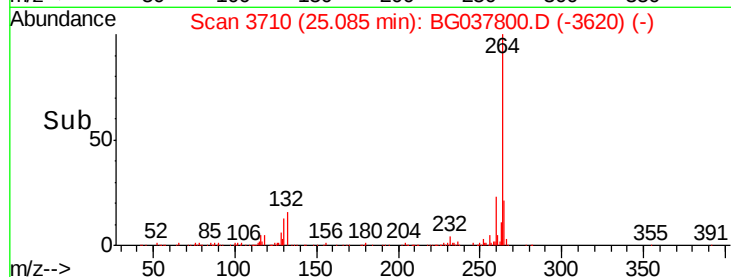
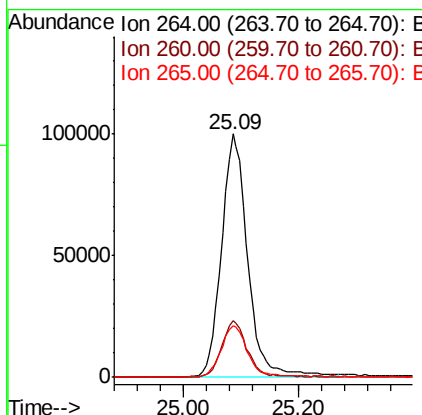
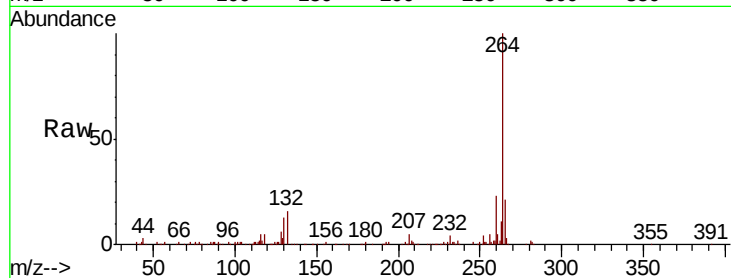


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 315520

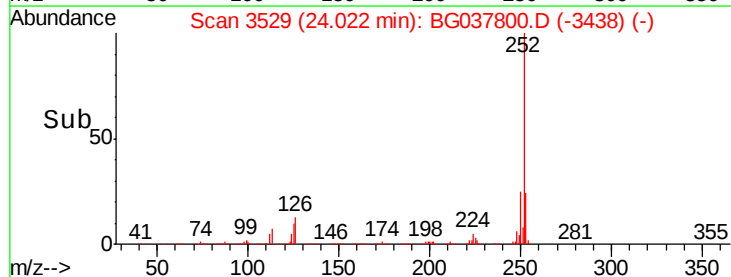
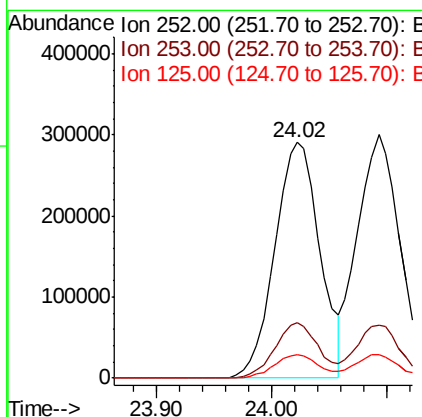
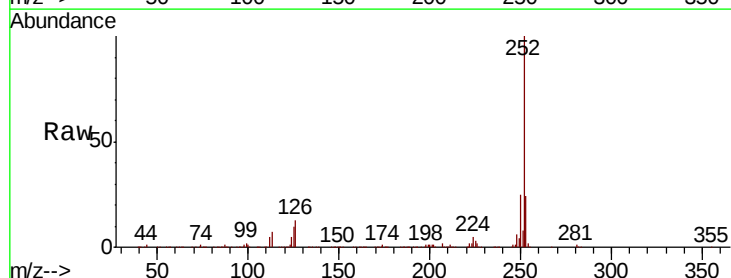
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.1	17.9	26.9

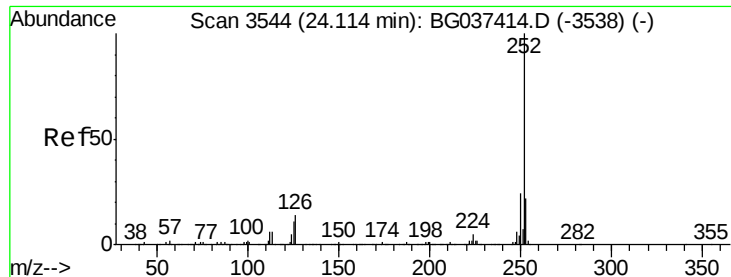


#88
Benzo(b)fluoranthene
Concen: 45.461 ng
RT: 24.02 min Scan# 3529
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion:252 Resp: 786386

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	10.0	7.8	11.6

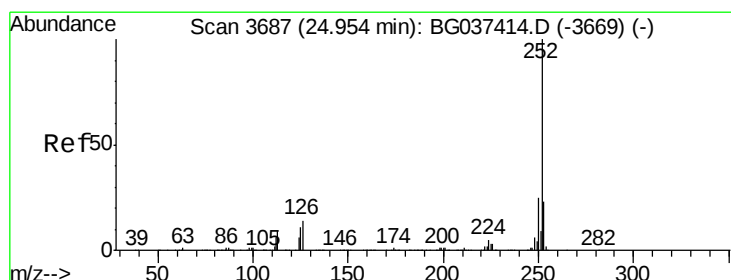
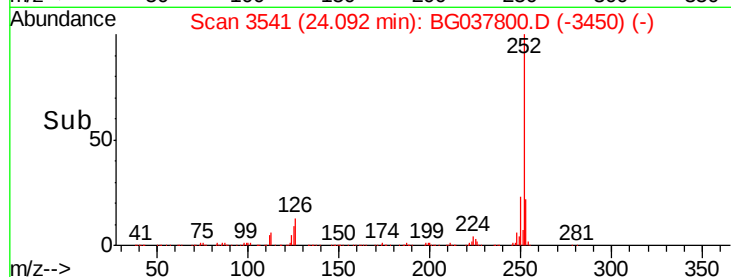
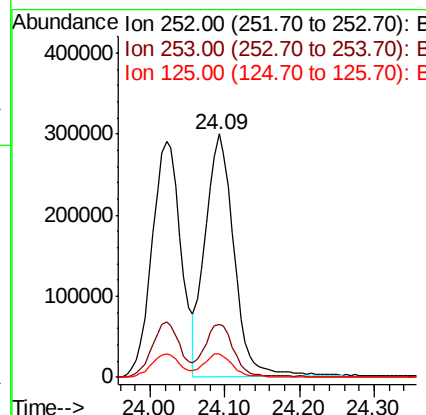
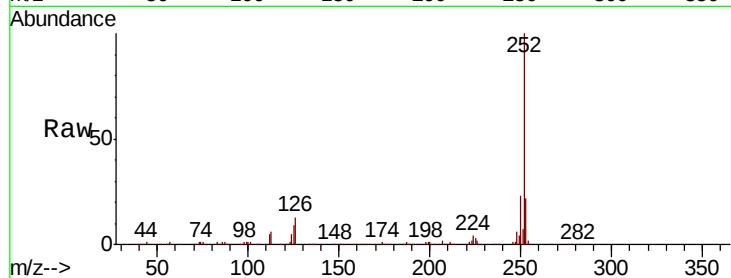




#89
Benzo(k)fluoranthene
Concen: 46.782 ng
RT: 24.09 min Scan# 3541
Delta R.T. 0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

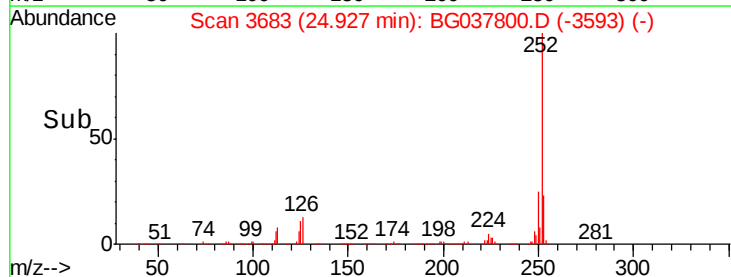
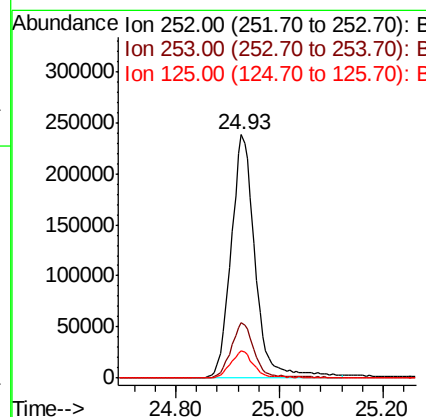
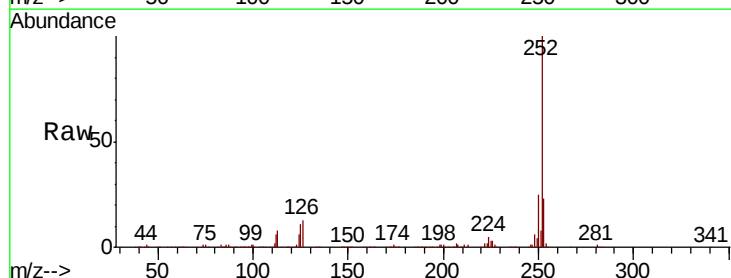
Instrument :
BNA_G
ClientSampleId :

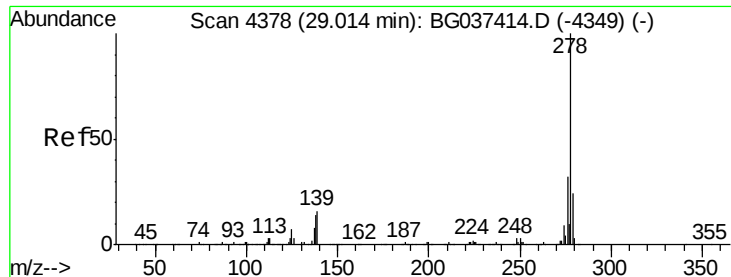
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.4	7.4	11.0



#90
Benzo(a)pyrene
Concen: 46.681 ng
RT: 24.93 min Scan# 3683
Delta R.T. -0.00 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	11.1	9.0	13.6

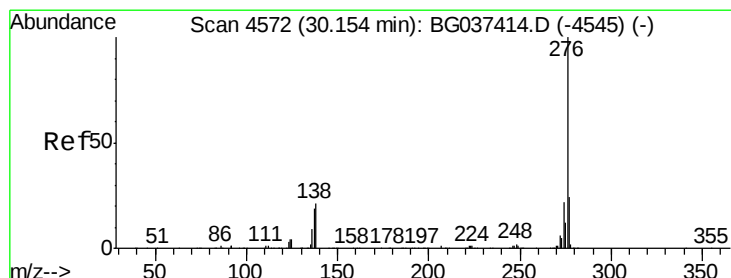
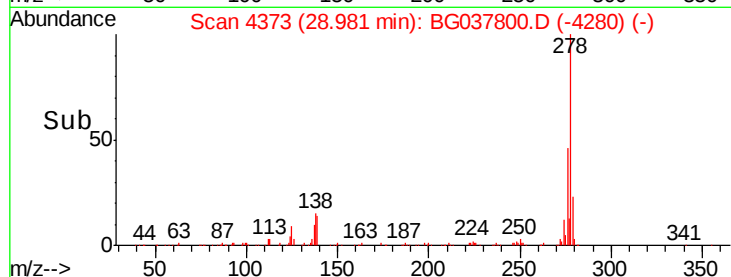
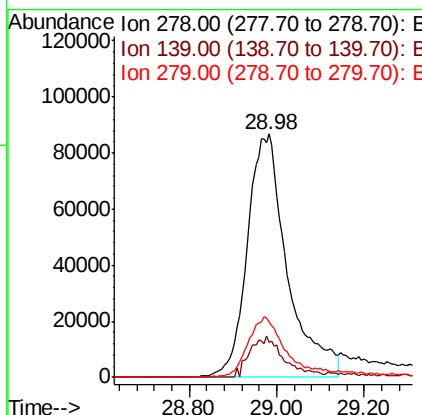
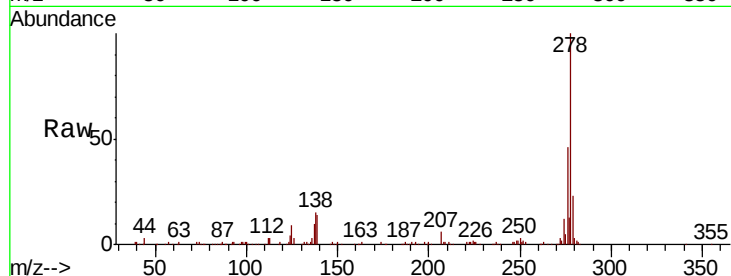




#91
Dibenzo(a,h)anthracene
Concen: 35.715 ng
RT: 28.98 min Scan# 4373
Delta R.T. 0.01 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.5	17.3
279	22.9	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 38.967 ng
RT: 30.11 min Scan# 4565
Delta R.T. 0.01 min
Lab File: BG037800.D
Acq: 5 Nov 2018 13:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.9	28.3
138	21.1	17.2	25.8

