

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
 Data File : BG037104.D
 Acq On : 2 Oct 2018 14:07
 Operator : JU/SJ
 Sample : J5206-01MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 02 17:16:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49539	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	209415	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	137290	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	344957	20.00	ng	0.00
75) Chrysene-d12	21.68	240	340014	20.00	ng	-0.01
86) Perylene-d12	24.88	264	347898	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	431177	166.92	ng	0.00
7) Phenol-d6	7.21	99	587546	147.01	ng	0.00
23) Nitrobenzene-d5	9.20	82	391852	100.20	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	244120	148.62	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	800212	86.81	ng	-0.01
78) Terphenyl-d14	20.02	244	1285273	99.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	45077	38.136	ng	99
3) Pyridine	3.92	79	113766	33.334	ng	95
4) n-Nitrosodimethylamine	3.83	42	67219	44.314	ng	# 97
6) Aniline	7.36	93	150058	28.936	ng	98
8) 2-Chlorophenol	7.61	128	125279	41.769	ng	96
9) Benzaldehyde	7.18	77	63223	23.940	ng	95
10) Phenol	7.23	94	182014	44.128	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	128544	33.691	ng	97
12) 1,3-Dichlorobenzene	7.93	146	136577	37.142	ng	98
13) 1,4-Dichlorobenzene	8.08	146	137025	36.413	ng	100
14) 1,2-Dichlorobenzene	8.39	146	133178	36.521	ng	96
15) Benzyl Alcohol	8.28	79	113040	34.858	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	266406	36.370	ng	98
17) 2-Methylphenol	8.48	107	110252	38.374	ng	98
18) Hexachloroethane	9.12	117	53620	38.721	ng	94
19) n-Nitroso-di-n-propylamine	8.84	70	112674	33.890	ng	96
20) 3+4-Methylphenols	8.81	107	157203	39.331	ng	98
22) Acetophenone	8.86	105	203394	41.330	ng	# 97
24) Nitrobenzene	9.24	77	164331	39.350	ng	96
25) Isophorone	9.76	82	316270	44.262	ng	99
26) 2-Nitrophenol	9.96	139	70560	42.389	ng	97
27) 2,4-Dimethylphenol	10.01	122	120812	46.593	ng	96
28) bis(2-Chloroethoxy)methane	10.24	93	181058	41.065	ng	97
29) 2,4-Dichlorophenol	10.49	162	130568	43.439	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	141763	37.687	ng	99
31) Naphthalene	10.89	128	417097	41.860	ng	100
32) Benzoic acid	10.15	122	32455	20.175	ng	97
33) 4-Chloroaniline	11.01	127	102215	22.562	ng	99
34) Hexachlorobutadiene	11.17	225	93458	35.927	ng	97
35) Caprolactam	11.78	113	31709	25.631	ng	94
36) 4-Chloro-3-methylphenol	12.12	107	155475	43.350	ng	97
37) 2-Methylnaphthalene	12.49	142	312833	41.223	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	173424	36.217	ng	98
40) Hexachlorocyclopentadiene	12.84	237	196354	79.731	ng	97

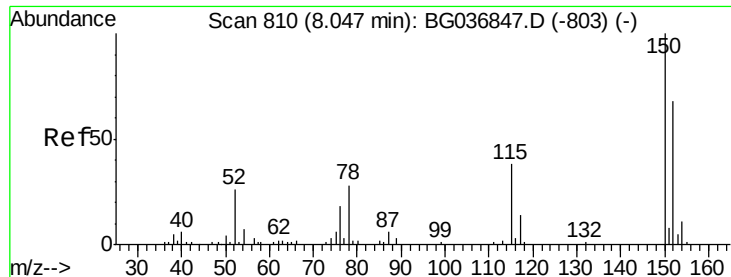
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
 Data File : BG037104.D
 Acq On : 2 Oct 2018 14:07
 Operator : JU/SJ
 Sample : J5206-01MS
 Misc :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	110004	41.370	ng	95
43) 2,4,5-Trichlorophenol	13.18	196	119636	42.194	ng	99
45) 1,1'-Biphenyl	13.50	154	411139	39.102	ng	96
46) 2-Chloronaphthalene	13.55	162	314323	38.013	ng	99
47) 2-Nitroaniline	13.75	65	115619	40.426	ng	97
48) Acenaphthylene	14.39	152	542207	41.846	ng	99
49) Dimethylphthalate	14.12	163	665813	60.250	ng	100
50) 2,6-Dinitrotoluene	14.24	165	94324	39.120	ng	97
51) Acenaphthene	14.73	154	307630	39.284	ng	99
52) 3-Nitroaniline	14.57	138	77401	30.464	ng	97
53) 2,4-Dinitrophenol	14.78	184	81576	72.939	ng	93
54) Dibenzofuran	15.06	168	515741	38.936	ng	99
55) 4-Nitrophenol	14.89	139	142323	87.685	ng	97
56) 2,4-Dinitrotoluene	15.03	165	137511	40.872	ng	93
57) Fluorene	15.71	166	415436	41.961	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	125285	43.558	ng	96
59) Diethylphthalate	15.48	149	439162	39.401	ng	98
60) 4-Chlorophenyl-phenylether	15.70	204	225079	35.898	ng	98
61) 4-Nitroaniline	15.74	138	104148	38.970	ng	97
62) Azobenzene	16.00	77	445770	41.623	ng	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	74680	41.409	ng	97
65) n-Nitrosodiphenylamine	15.92	169	379498	39.849	ng	97
66) 4-Bromophenyl-phenylether	16.60	248	145295	37.030	ng	97
67) Hexachlorobenzene	16.72	284	147140	36.411	ng	100
68) Atrazine	16.87	200	159312	41.315	ng	98
69) Pentachlorophenol	17.06	266	166957	65.620	ng	98
70) Phenanthrene	17.45	178	700902	42.164	ng	99
71) Anthracene	17.54	178	720615	43.840	ng	100
72) Carbazole	17.82	167	639919	39.929	ng	97
73) Di-n-butylphthalate	18.36	149	741617	41.669	ng	100
74) Fluoranthene	19.46	202	841508	42.055	ng	99
76) Benzidine	19.64	184	293046	28.511	ng	99
77) Pyrene	19.82	202	821718	40.273	ng	100
79) Butylbenzylphthalate	20.70	149	343434	42.229	ng	96
80) Benzo(a)anthracene	21.66	228	808071	40.713	ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	184955	24.481	ng	97
82) Chrysene	21.72	228	767203	40.006	ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	486018	42.778	ng	98
84) Di-n-octyl phthalate	22.76	149	816717	43.661	ng	98
85) Indeno(1,2,3-cd)pyrene	28.53	276	889188	43.178	ng	# 92
87) Benzo(b)fluoranthene	23.87	252	782929	42.228	ng	97
88) Benzo(k)fluoranthene	23.93	252	777435	41.796	ng	100
89) Benzo(a)pyrene	24.73	252	767614	42.825	ng	99
90) Dibenzo(a,h)anthracene	28.59	278	726253	43.232	ng	100
91) Benzo(g,h,i)perylene	29.67	276	746109	44.254	ng	99

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

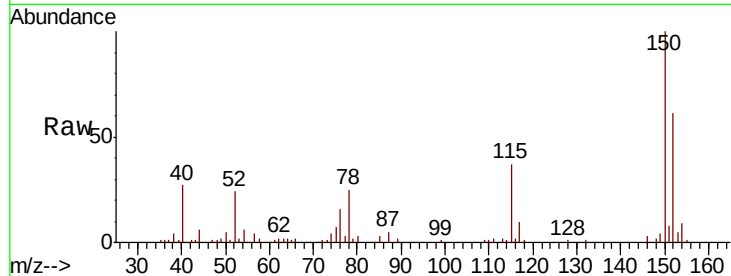


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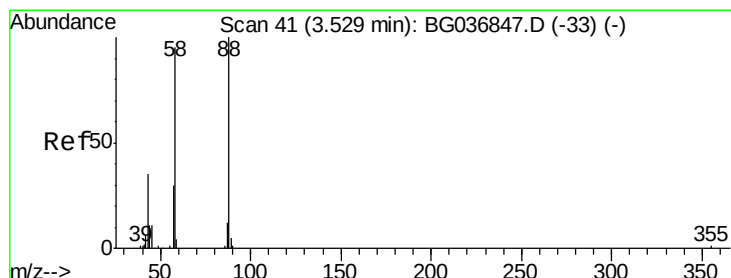
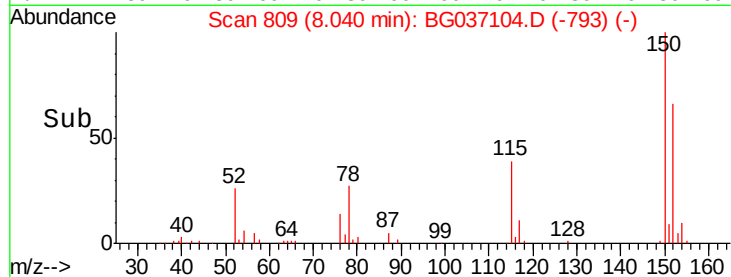
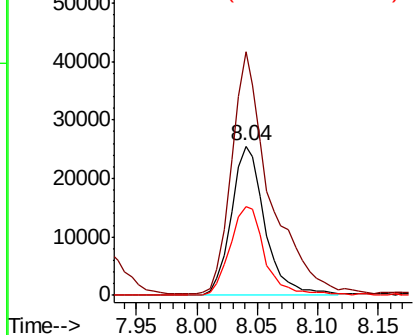
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.1	119.5	179.3
115	59.6	44.5	66.7



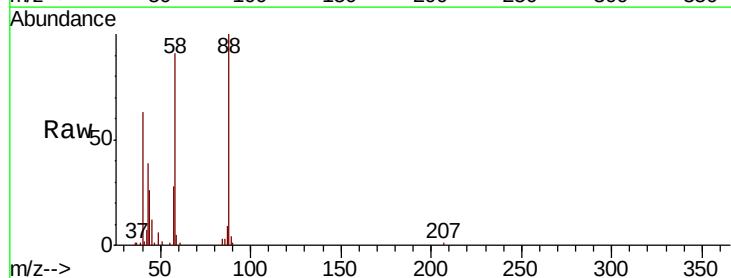
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



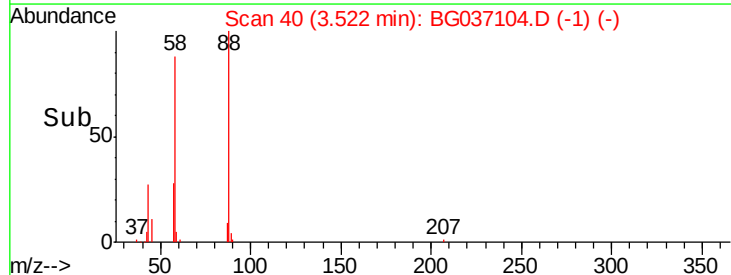
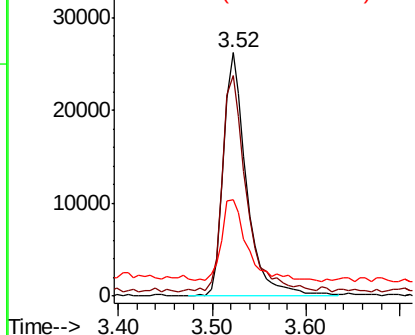
#2

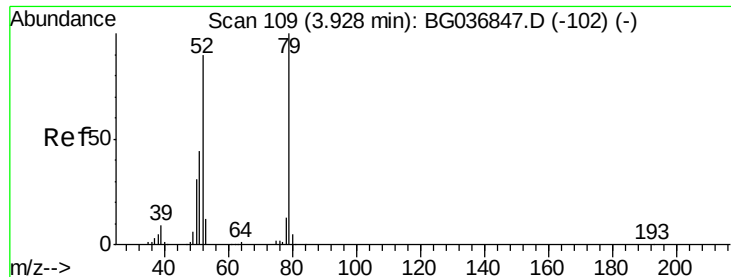
1,4-Dioxane
Concen: 38.136 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.5	72.6	109.0
43	37.0	29.0	43.4



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: 33.334 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Instrument :

BNA_G

ClientSampleId :

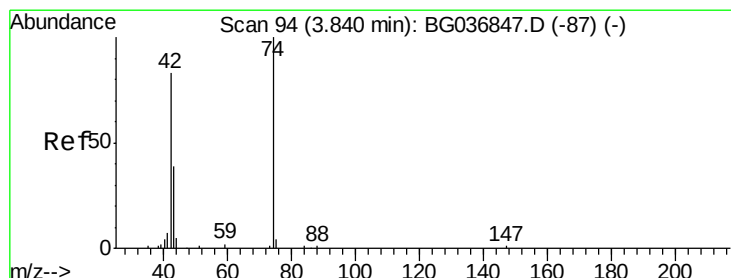
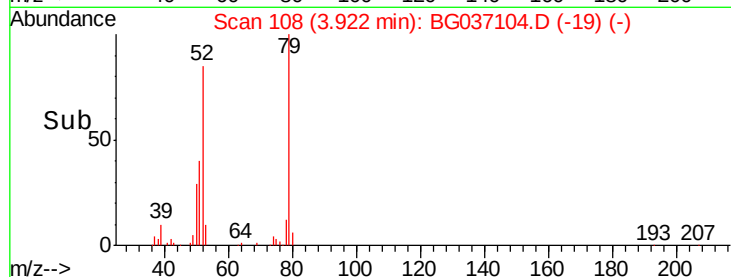
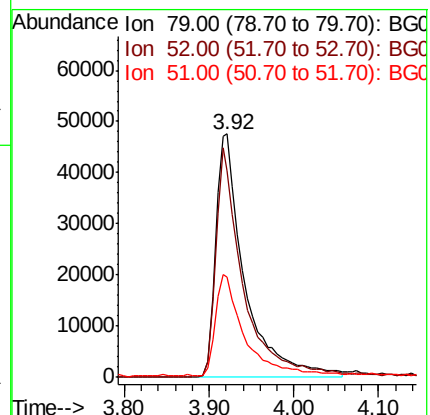
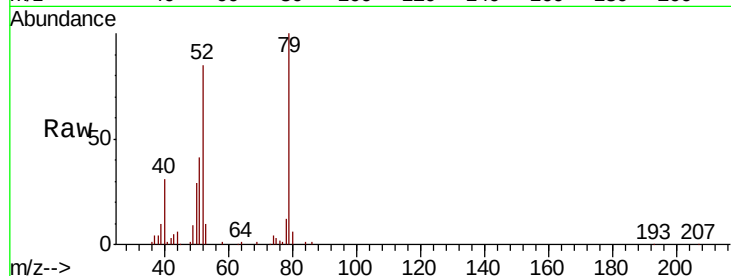
Tot Ion: 79 Resp: 113766

Ion Ratio Lower Upper

79 100

52 84.8 72.3 108.5

51 41.3 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 44.314 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

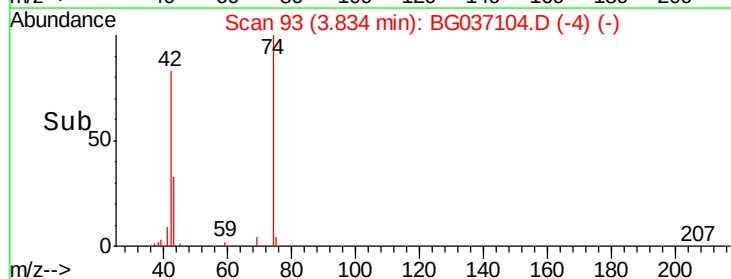
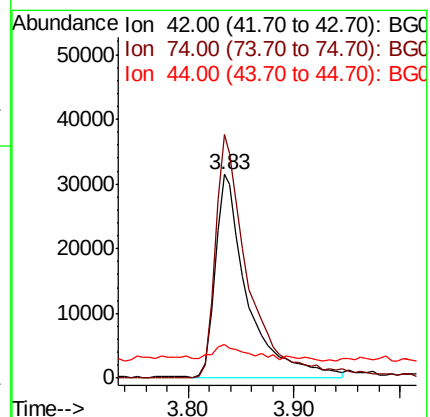
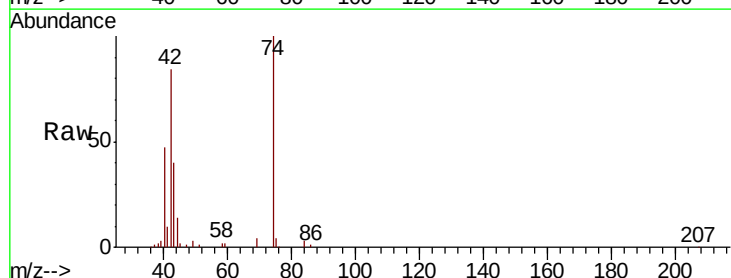
Tgt Ion: 42 Resp: 67219

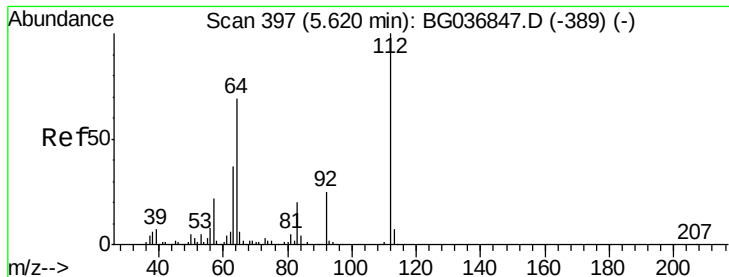
Ion Ratio Lower Upper

42 100

74 119.5 96.6 145.0

44 16.7 7.0 10.4#





#5

2-Fluorophenol

Concen: 166.920 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Instrument :

BNA_G

ClientSampleId :

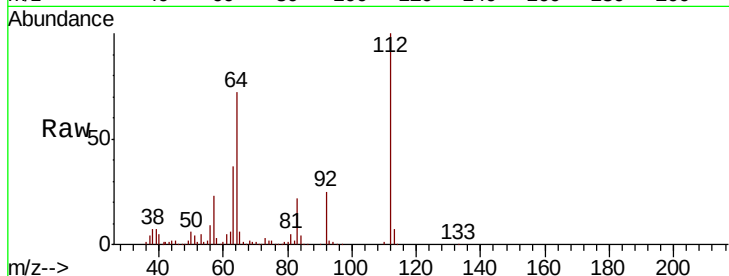
Tot Ion:112 Resp: 431177

Ion Ratio Lower Upper

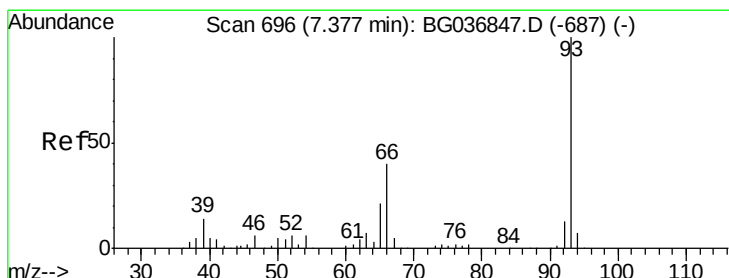
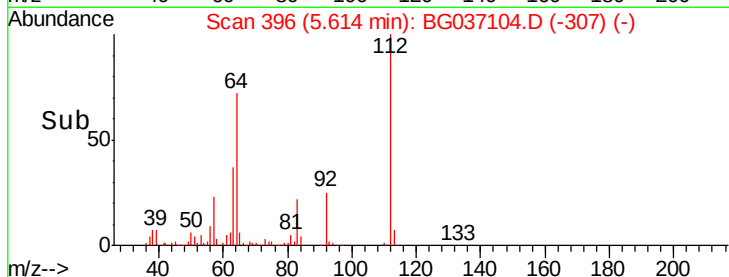
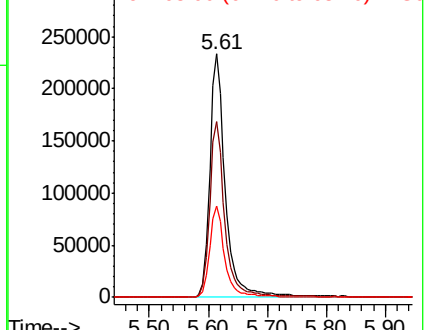
112 100

64 72.2 57.2 85.8

63 37.3 30.8 46.2



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



#6

Aniline

Concen: 28.936 ng

RT: 7.36 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

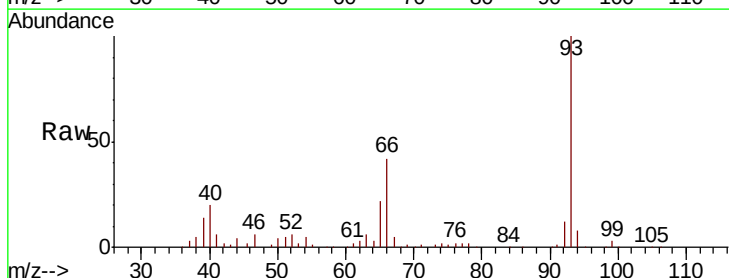
Tgt Ion: 93 Resp: 150058

Ion Ratio Lower Upper

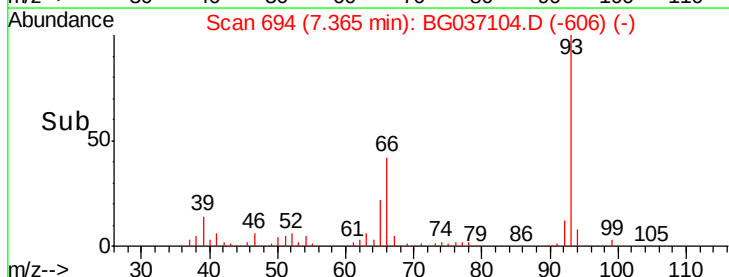
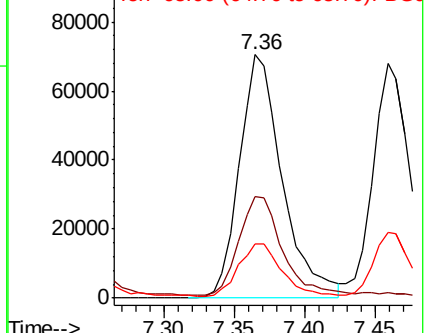
93 100

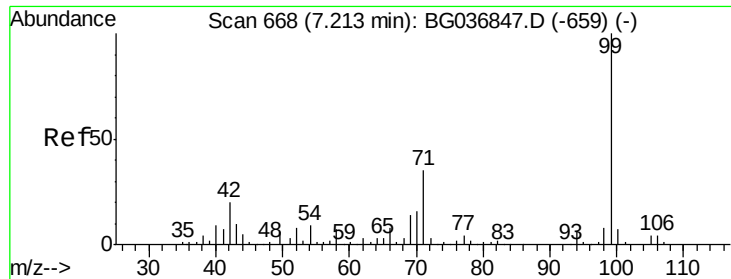
66 41.7 35.0 52.4

65 22.4 17.6 26.4



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: 147.013 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Instrument :

BNA_G

ClientSampleId :

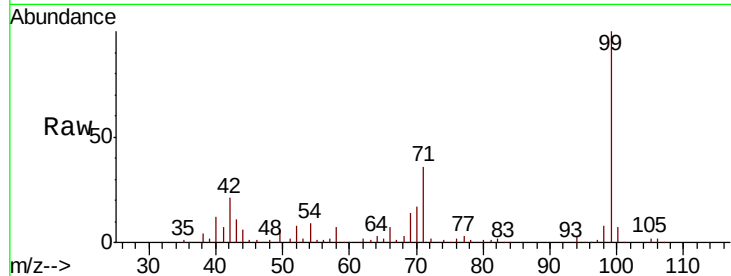
Tot Ion: 99 Resp: 587546

Ion Ratio Lower Upper

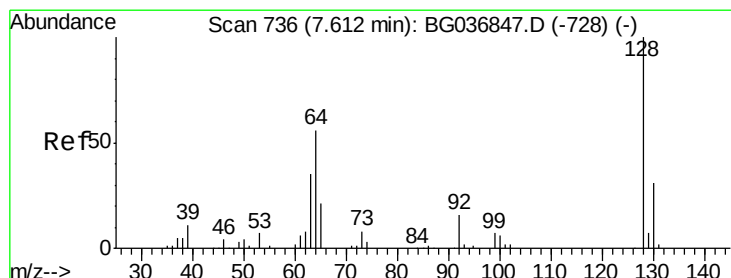
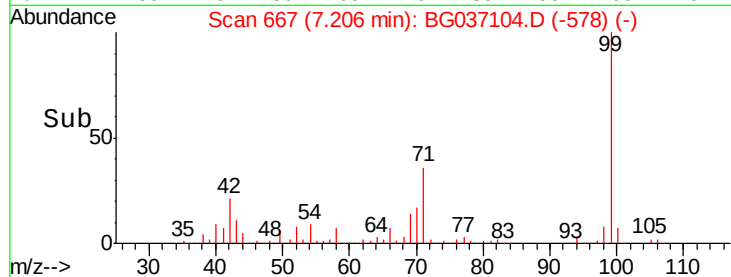
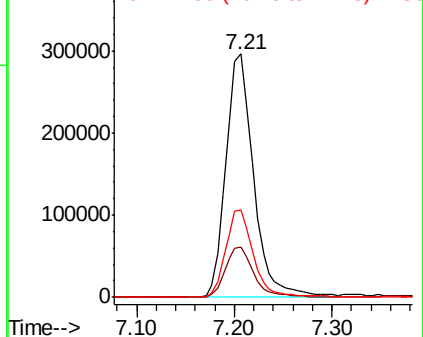
99 100

42 20.7 16.5 24.7

71 35.8 29.4 44.2



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: 41.769 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

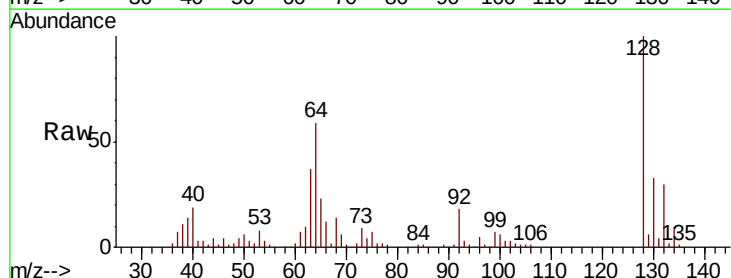
Tgt Ion: 128 Resp: 125279

Ion Ratio Lower Upper

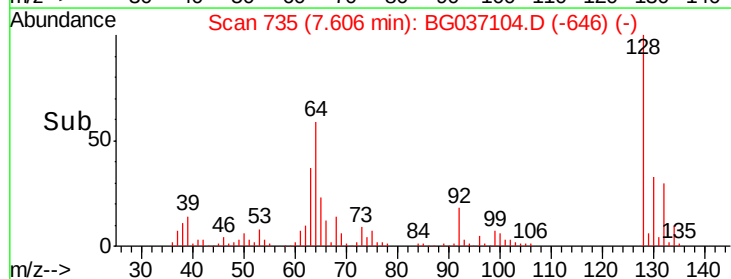
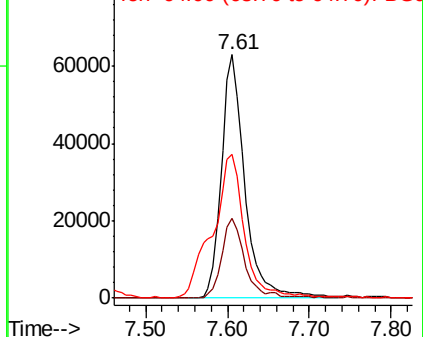
128 100

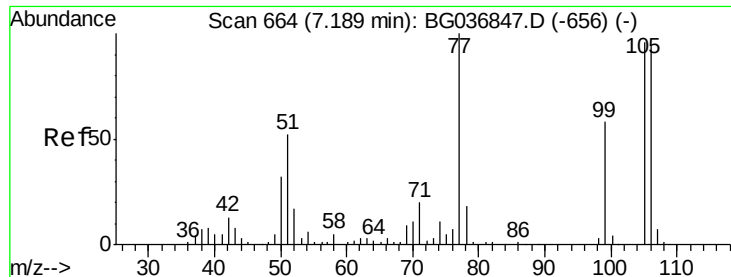
130 32.6 10.0 50.0

64 59.1 36.0 76.0



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: 23.940 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Instrument :

BNA_G

ClientSampleId :

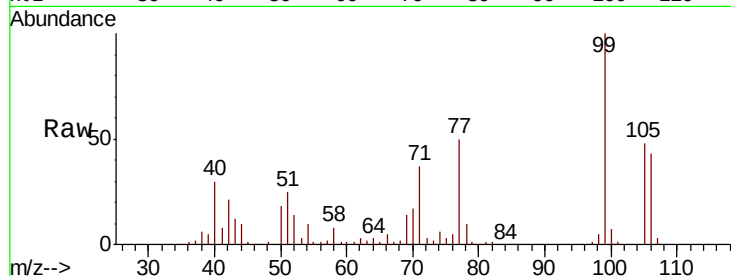
Tot Ion: 77 Resp: 63223

Ion Ratio Lower Upper

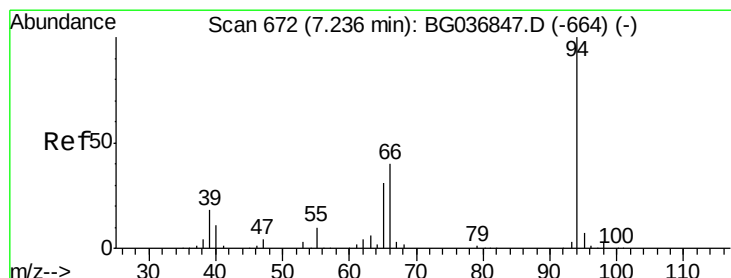
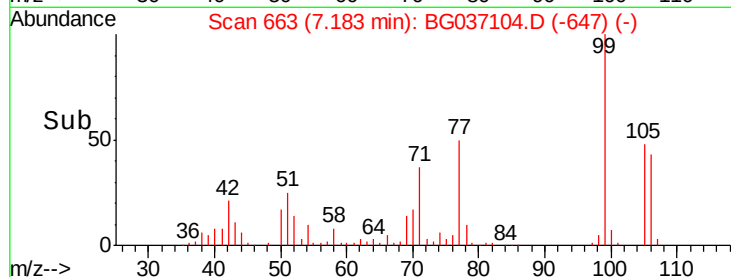
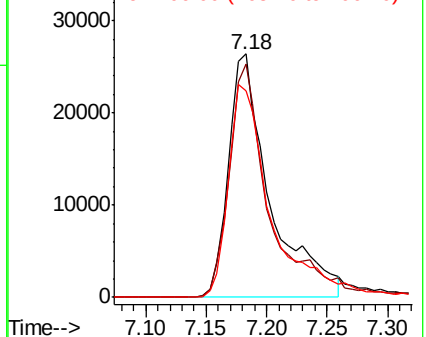
77 100

105 96.0 70.5 110.5

106 85.1 69.8 109.8



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



#10

Phenol

Concen: 44.128 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

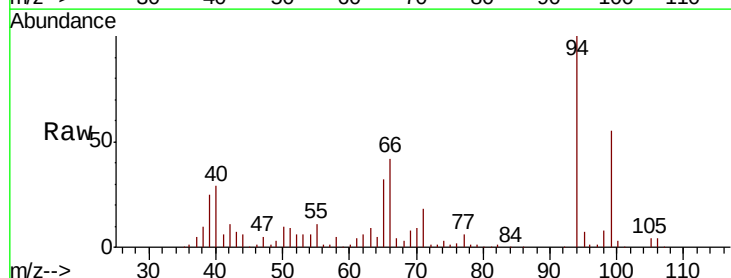
Tgt Ion: 94 Resp: 182014

Ion Ratio Lower Upper

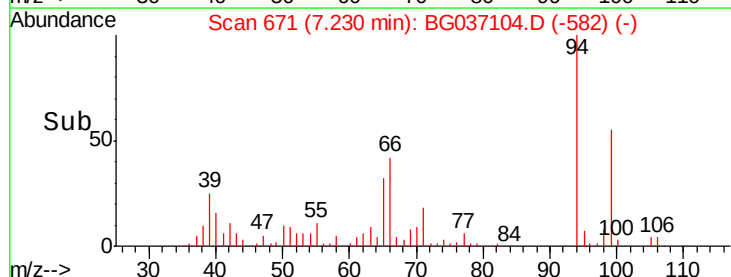
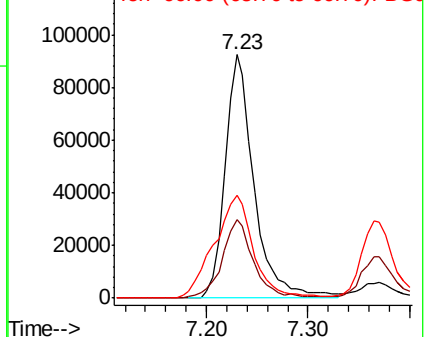
94 100

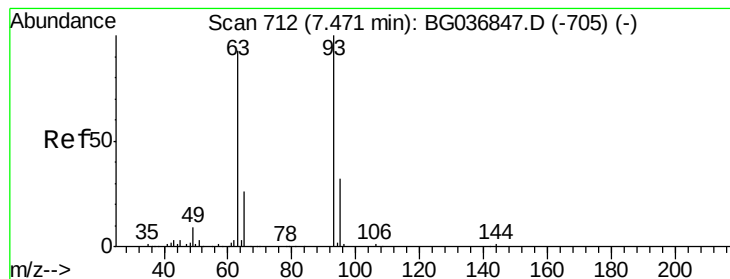
65 32.5 11.5 51.5

66 42.0 19.5 59.5



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: 33.691 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Instrument :

BNA_G

ClientSampled :

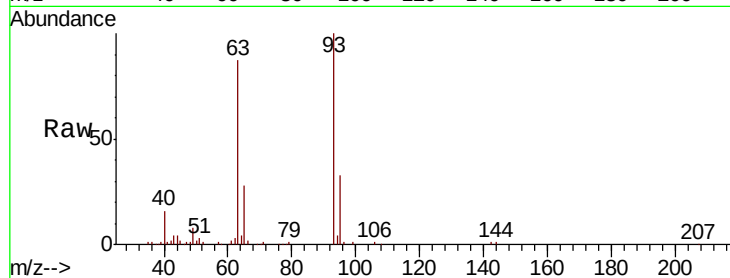
Tot Ion: 93 Resp: 128544

Ion Ratio Lower Upper

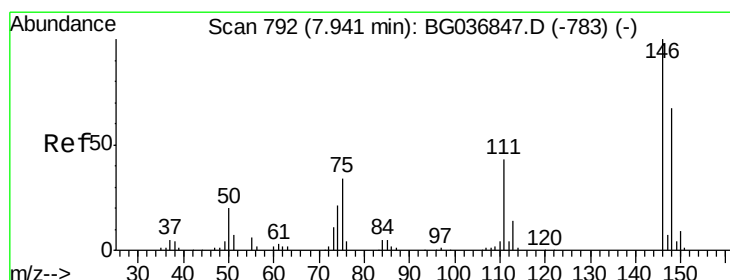
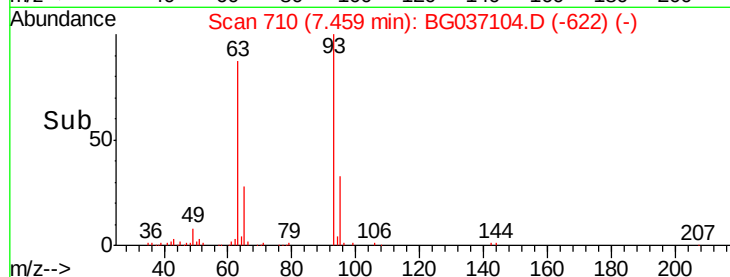
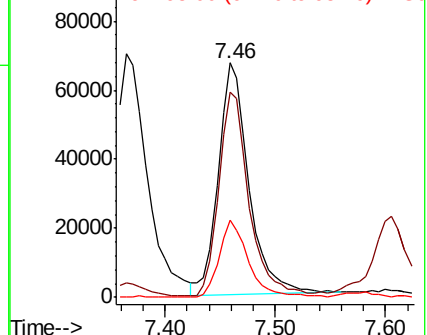
93 100

63 87.3 69.9 109.9

95 32.7 11.7 51.7



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



#12

1,3-Dichlorobenzene

Concen: 37.142 ng

RT: 7.93 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

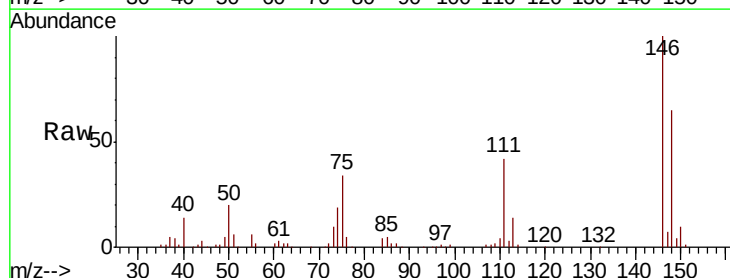
Tgt Ion: 146 Resp: 136577

Ion Ratio Lower Upper

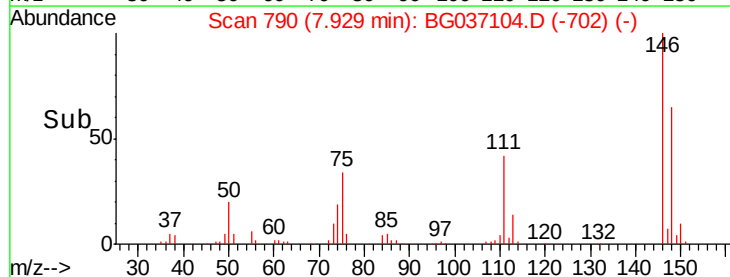
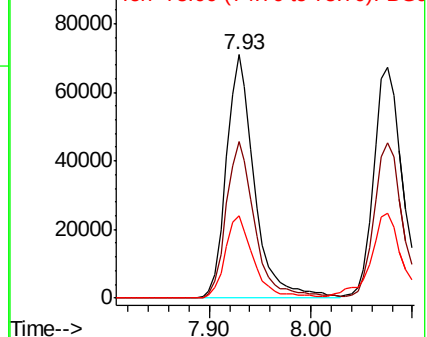
146 100

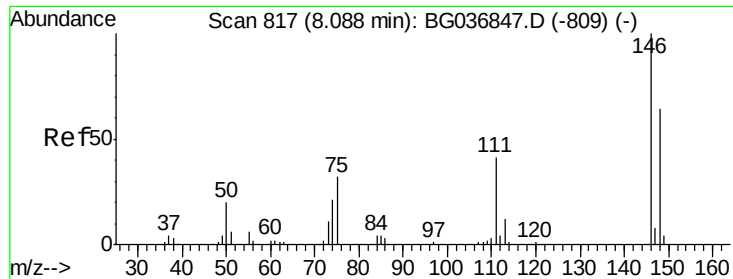
148 64.5 53.8 80.6

75 33.6 27.2 40.8



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

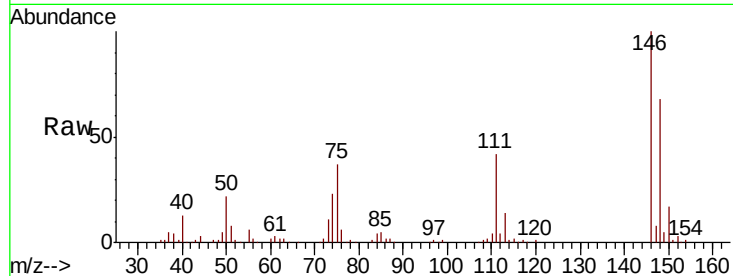




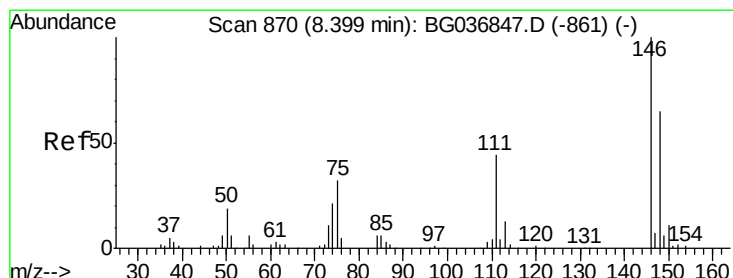
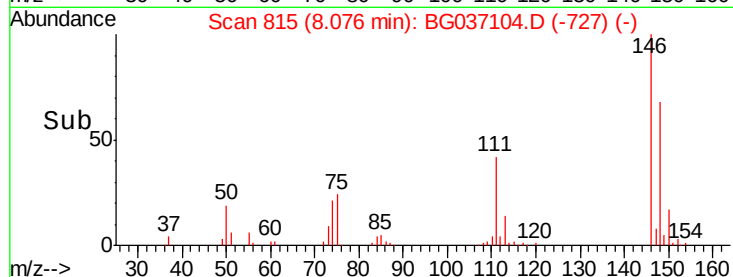
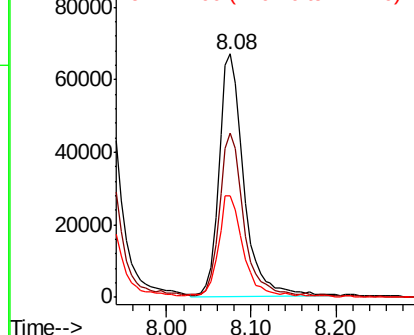
#13
 1,4-Dichlorobenzene
 Concen: 36.413 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 137025
 Ion Ratio Lower Upper
 146 100
 148 67.5 53.9 80.9
 111 41.8 33.8 50.6

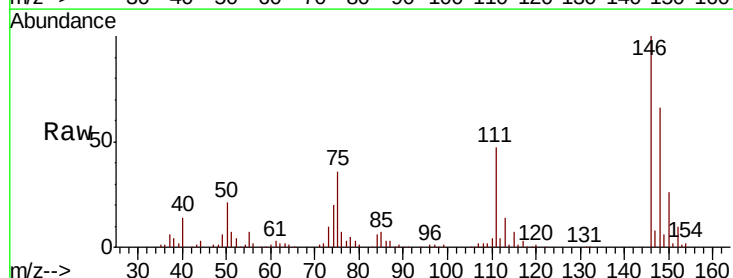


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

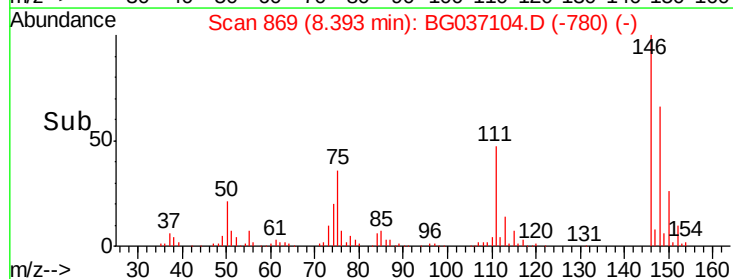
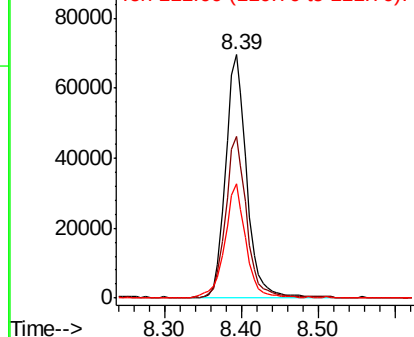


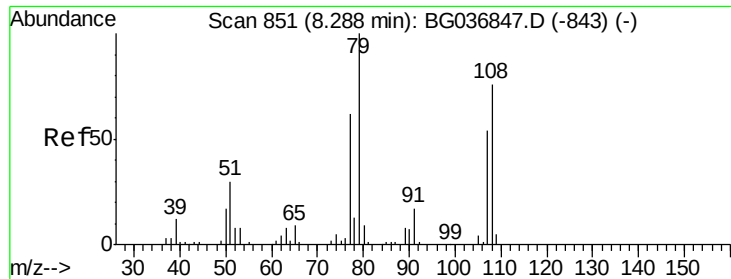
#14
 1,2-Dichlorobenzene
 Concen: 36.521 ng
 RT: 8.39 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

Tgt Ion:146 Resp: 133178
 Ion Ratio Lower Upper
 146 100
 148 66.2 55.0 82.6
 111 46.9 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: 34.858 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Instrument :

BNA_G

ClientSampleId :

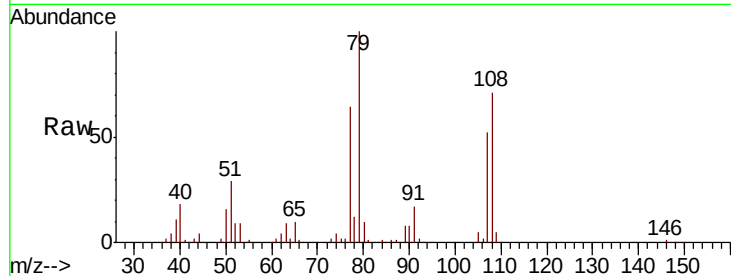
Tot Ion: 79 Resp: 113040

Ion Ratio Lower Upper

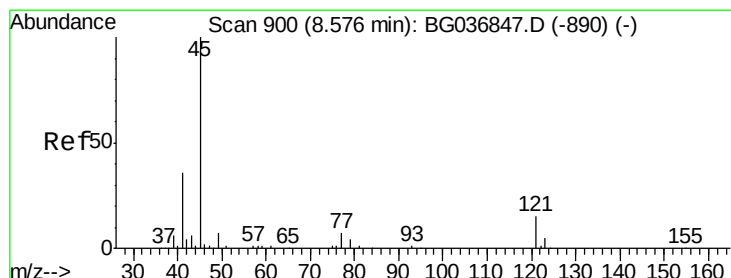
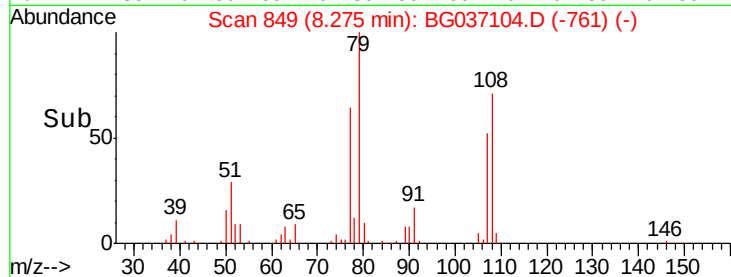
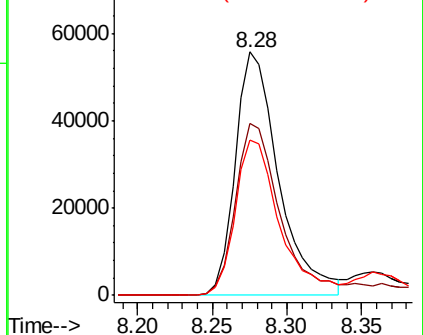
79 100

108 70.7 55.9 83.9

77 63.6 50.0 75.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.370 ng

RT: 8.56 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

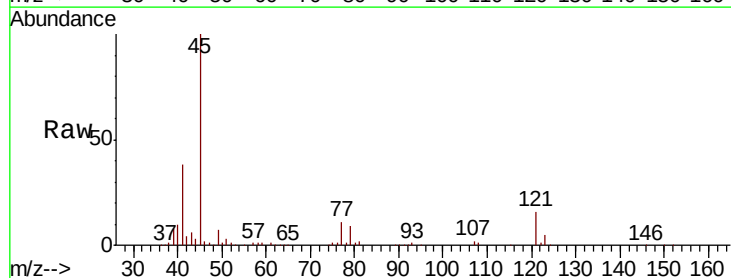
Tgt Ion: 45 Resp: 266406

Ion Ratio Lower Upper

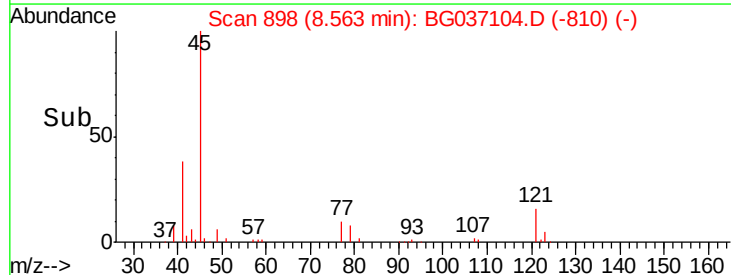
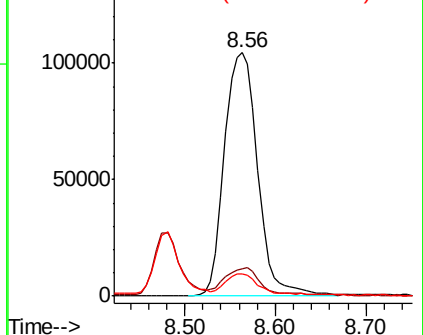
45 100

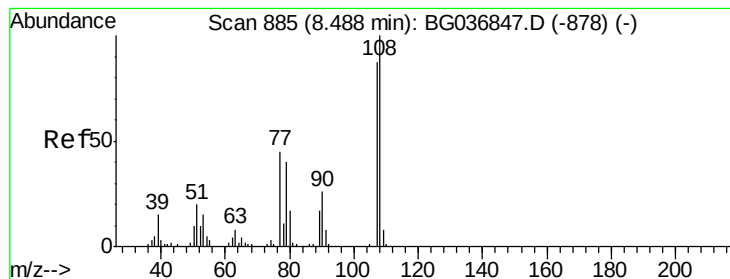
77 11.0 0.0 30.5

79 8.9 0.0 27.9



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





#17

2-Methylphenol

Concen: 38.374 ng

RT: 8.48 min Scan# 884

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 110252

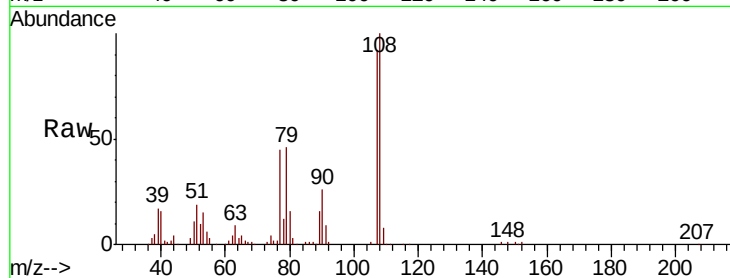
Ion Ratio Lower Upper

107 100

108 109.1 86.7 130.1

77 48.7 39.0 58.4

79 49.7 36.6 54.8

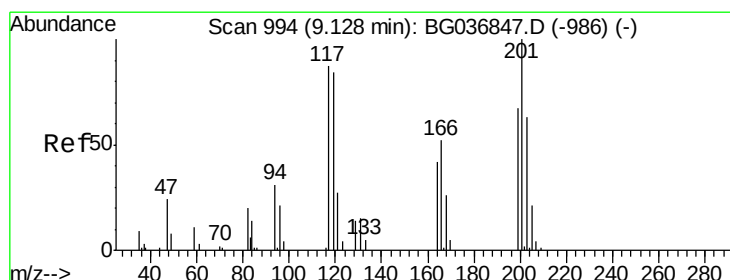
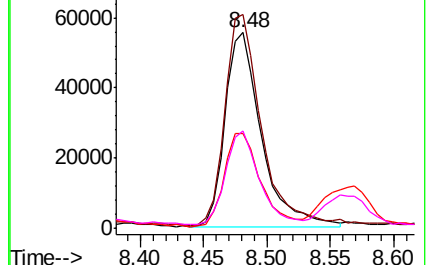
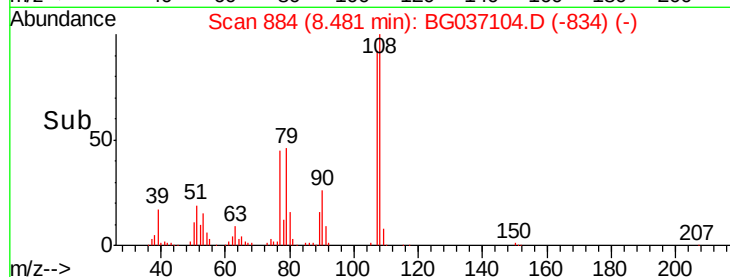


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.721 ng

RT: 9.12 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

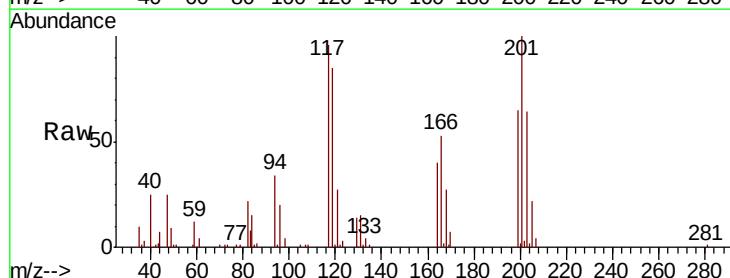
Tgt Ion:117 Resp: 53620

Ion Ratio Lower Upper

117 100

119 88.2 76.8 115.2

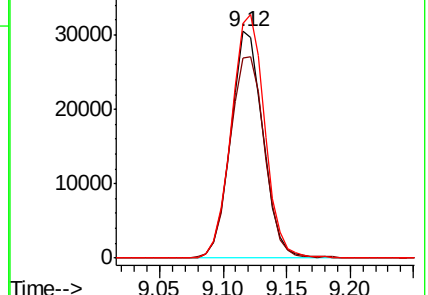
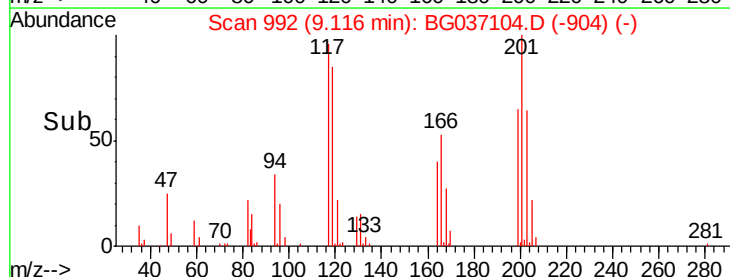
201 103.7 85.7 128.5

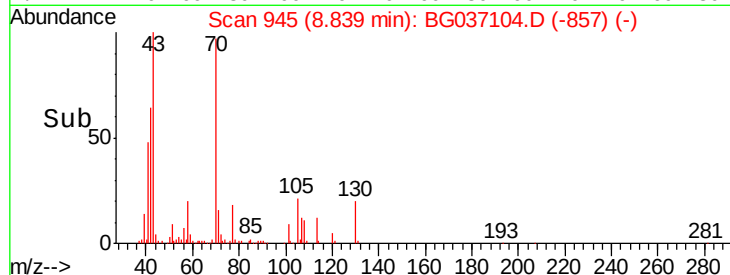
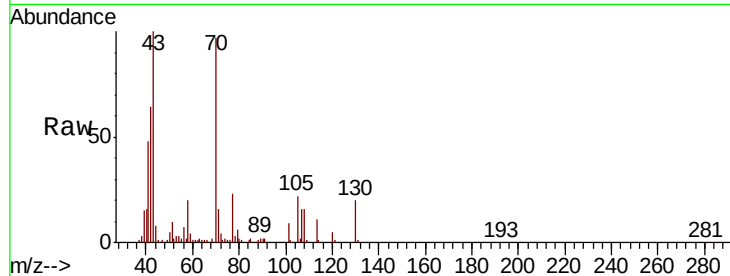
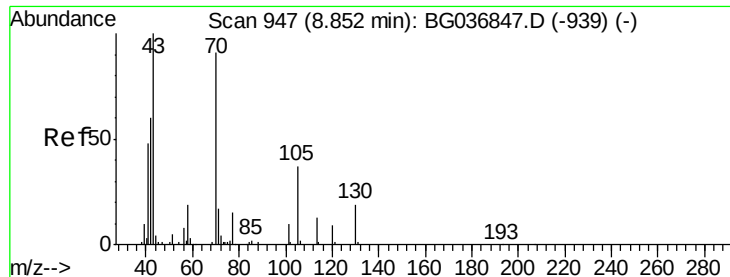


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

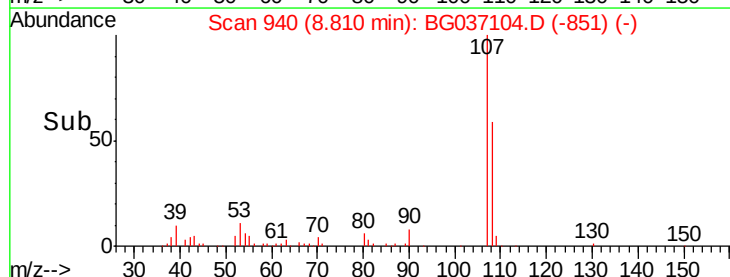
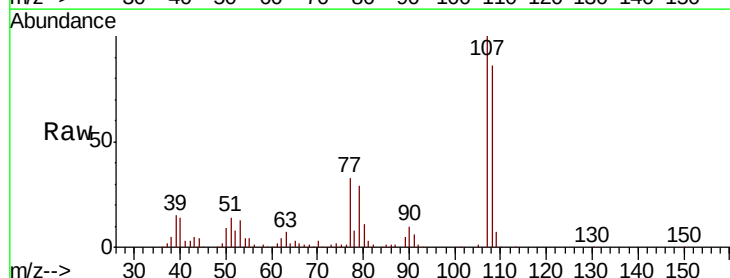
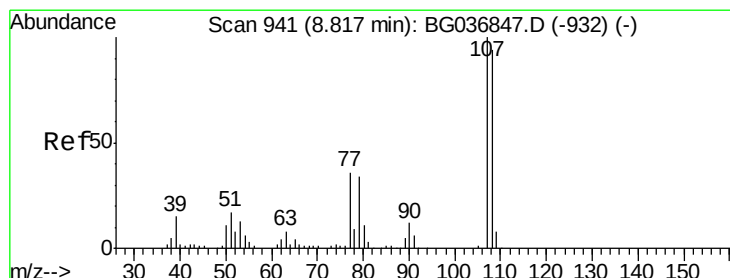
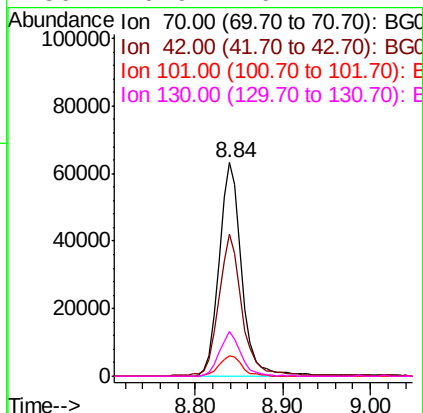




#19
n-Nitroso-di-n-propylamine
Concen: 33.890 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

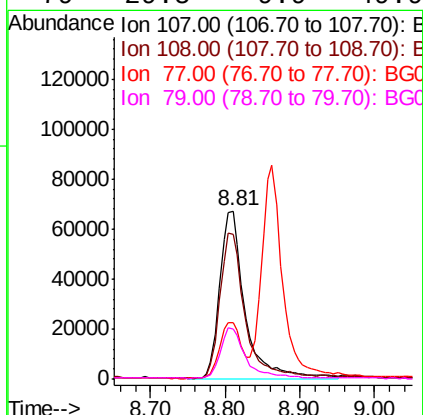
Instrument :
BNA_G
ClientSampled :

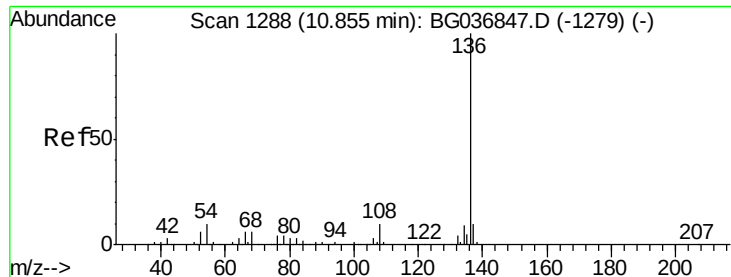
Tot Ion:	70	Resp:	112674
Ion	Ratio	Lower	Upper
70	100		
42	66.2	56.2	84.4
101	9.4	7.8	11.6
130	20.9	16.2	24.2



#20
3+4-Methylphenols
Concen: 39.331 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Tgt Ion:	107	Resp:	157203
Ion	Ratio	Lower	Upper
107	100		
108	85.9	68.0	108.0
77	33.3	15.6	55.6
79	29.5	9.9	49.9

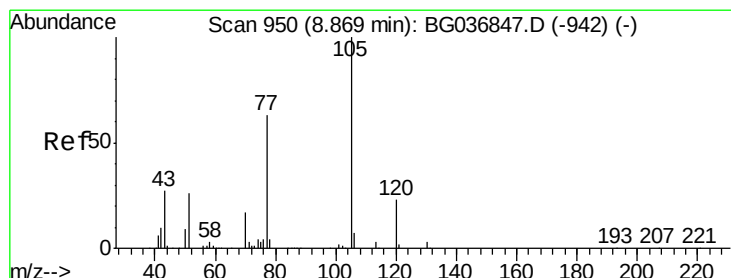
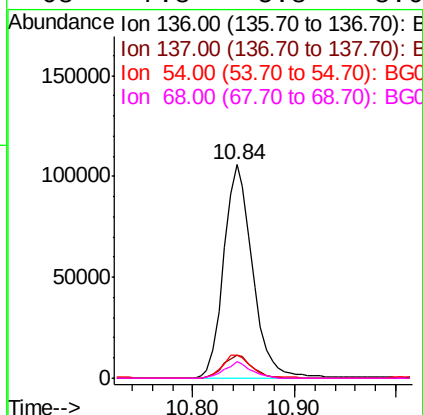
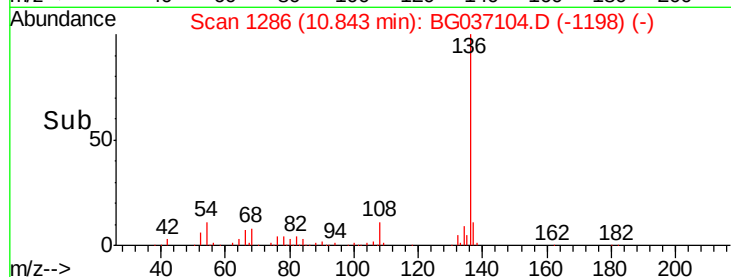
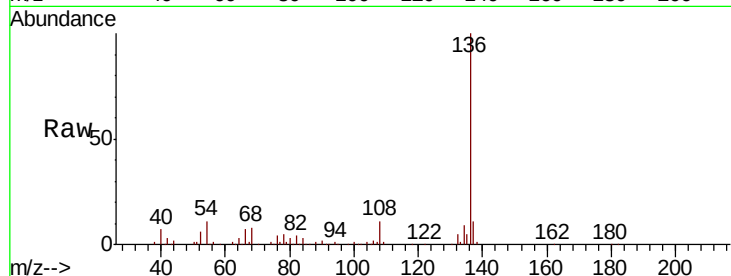




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

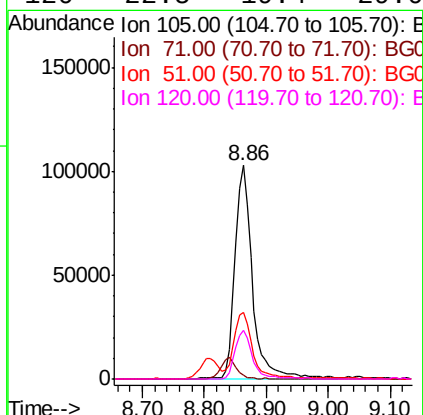
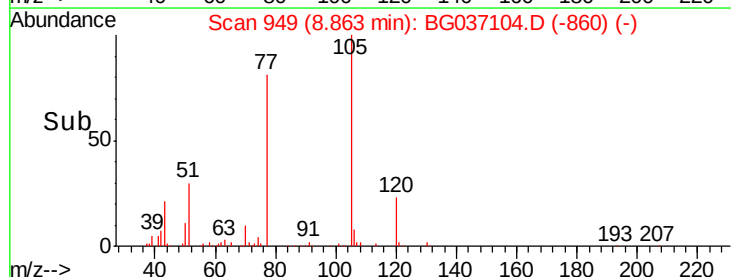
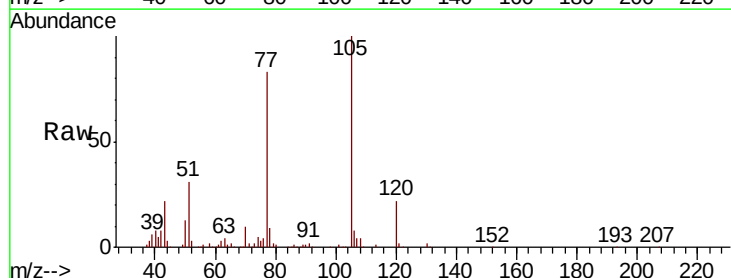
Instrument :
BNA_G
ClientSampleId :

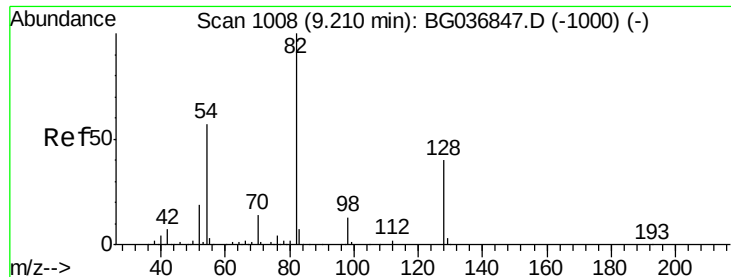
Tot Ion:136	Resp:	209415
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	10.8	9.2 13.8
68	7.8	5.8 8.6



#22
Acetophenone
Concen: 41.330 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Tgt Ion:105	Resp:	203394
Ion Ratio	Lower	Upper
105	100	
71	1.7	2.4 3.6#
51	31.4	25.9 38.9
120	22.5	19.4 29.0

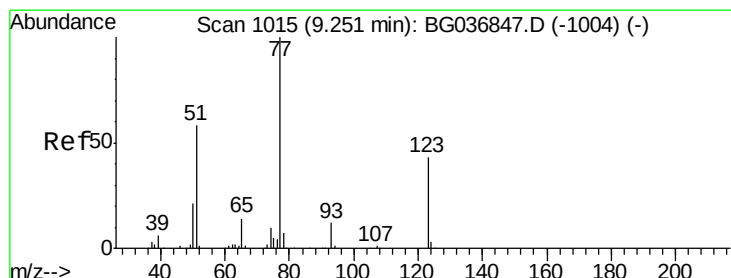
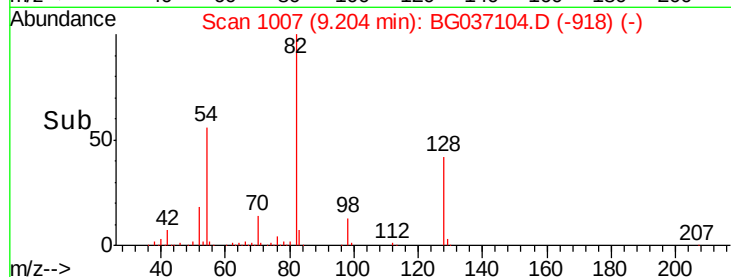
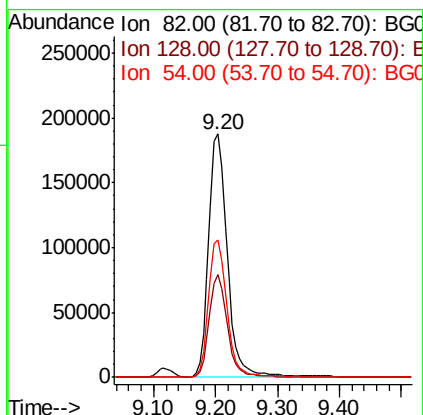
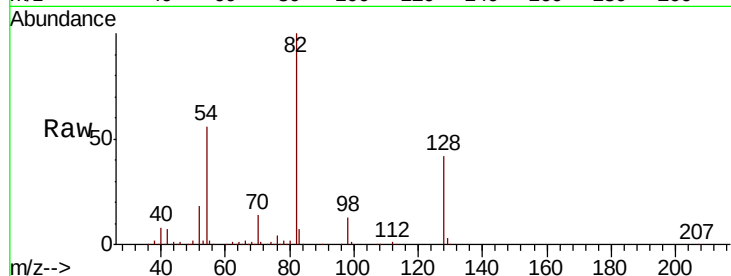




#23
 Nitrobenzene-d5
 Concen: 100.203 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

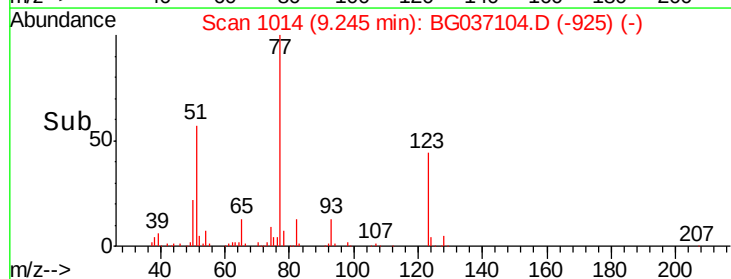
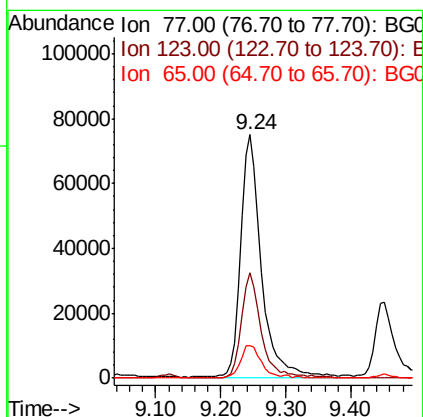
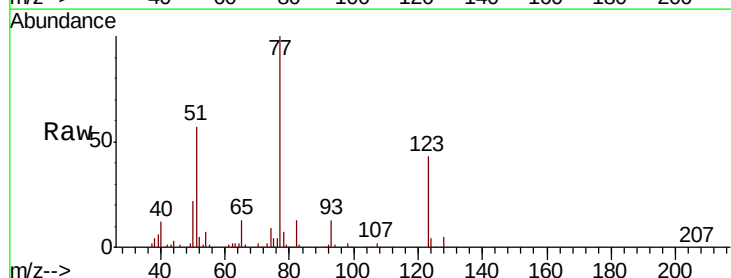
Instrument :
 BNA_G
 ClientSampleId :

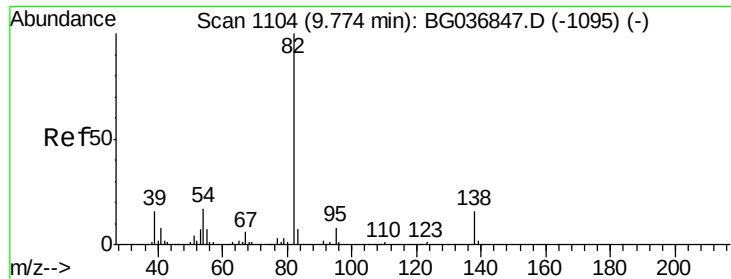
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.3	49.9
54	56.2	45.1	67.7



#24
 Nitrobenzene
 Concen: 39.350 ng
 RT: 9.24 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.4	32.4	48.6
65	13.4	11.5	17.3

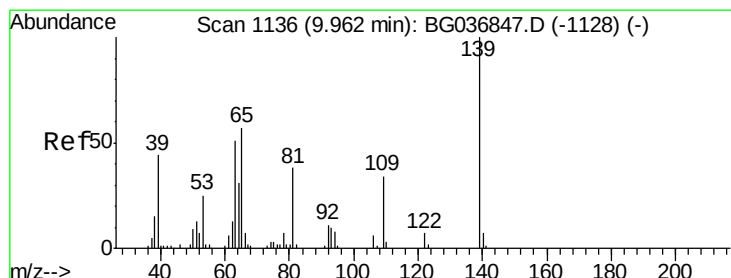
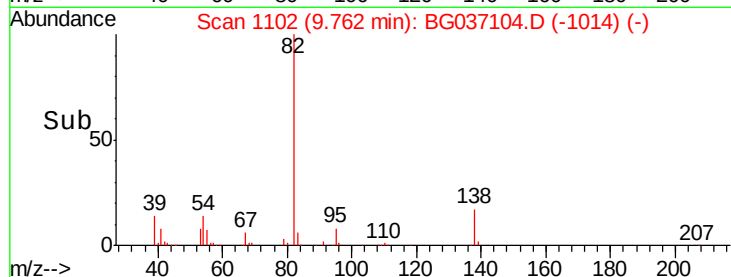
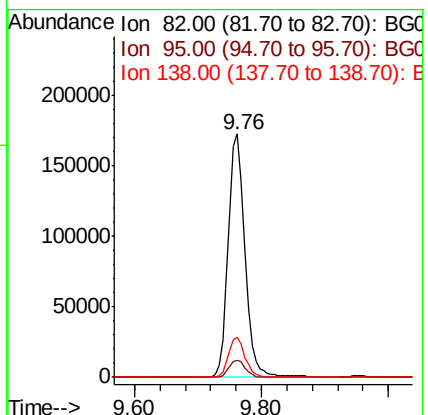
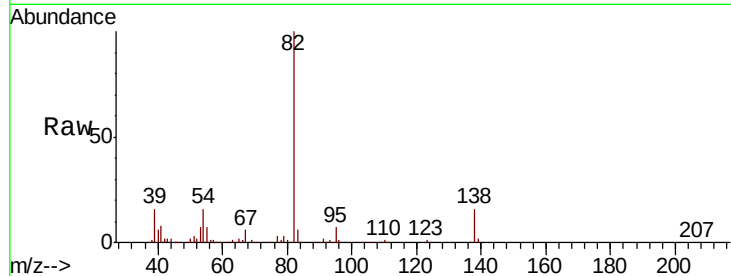




#25
Isophorone
Concen: 44.262 ng
RT: 9.76 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

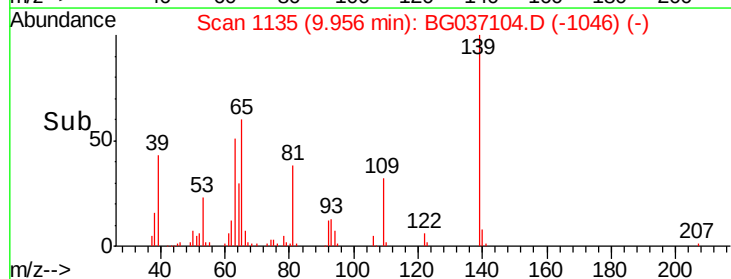
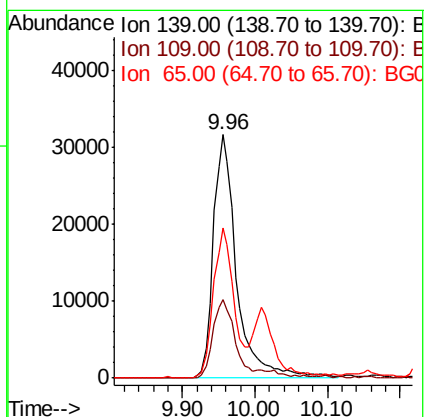
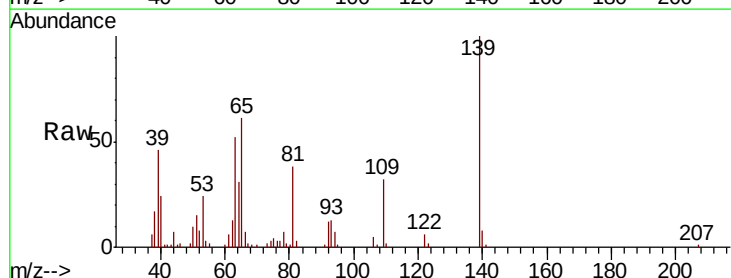
Instrument :
BNA_G
ClientSampleId :

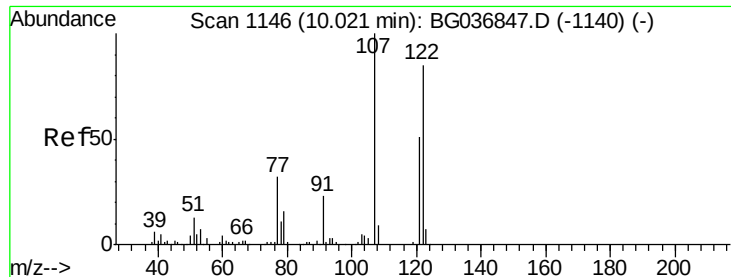
Tot Ion: 82 Resp: 316270
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 16.4 12.9 19.3



#26
2-Nitrophenol
Concen: 42.389 ng
RT: 9.96 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Tgt Ion: 139 Resp: 70560
Ion Ratio Lower Upper
139 100
109 32.0 27.4 41.0
65 61.5 47.8 71.6

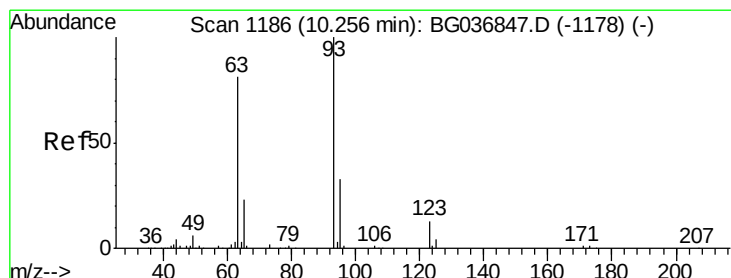
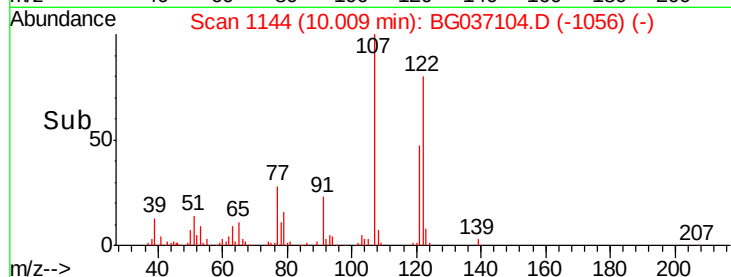
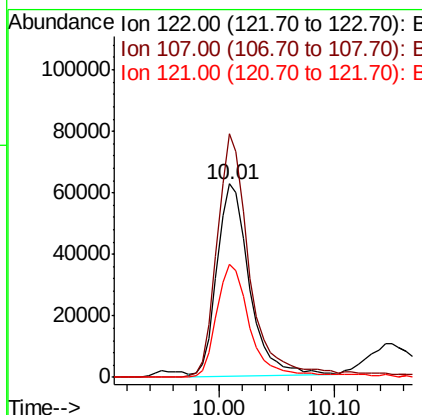
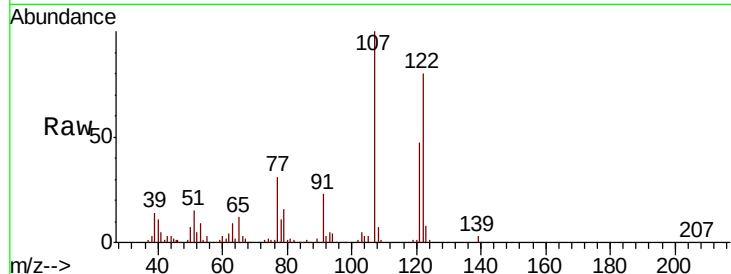




#27
2,4-Dimethylphenol
Concen: 46.593 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

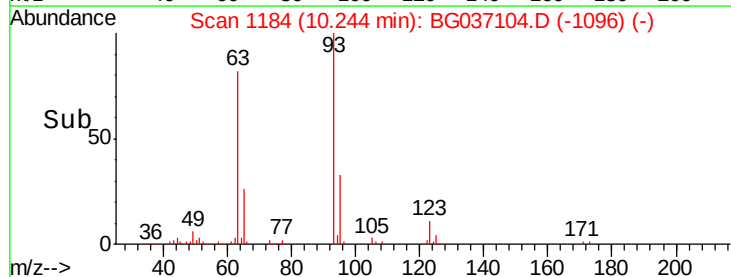
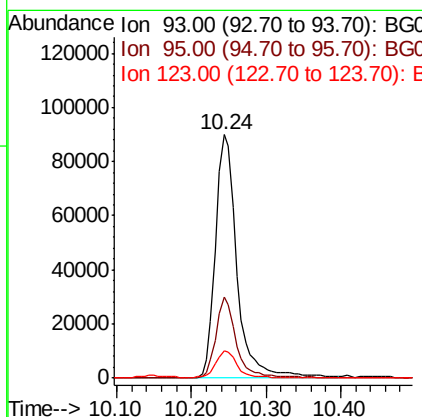
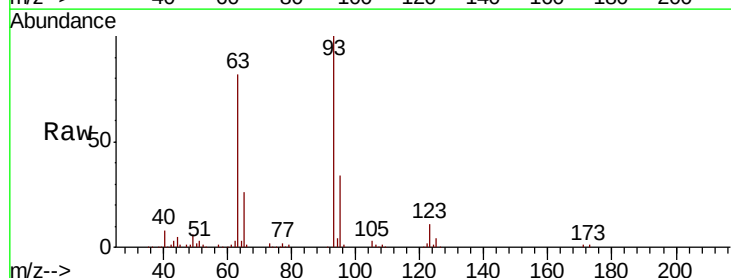
Instrument :
BNA_G
ClientSampled :

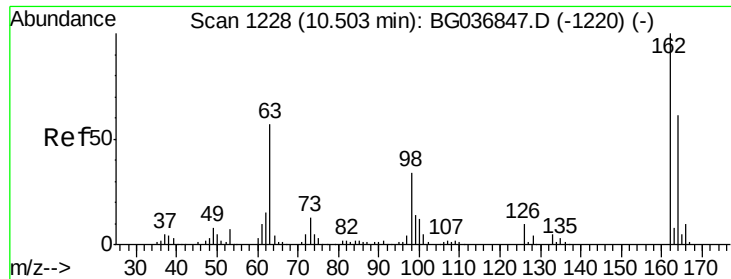
Tot Ion:122 Resp: 120812
Ion Ratio Lower Upper
122 100
107 125.8 96.0 144.0
121 58.6 48.2 72.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.065 ng
RT: 10.24 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Tgt Ion: 93 Resp: 181058
Ion Ratio Lower Upper
93 100
95 33.5 25.2 37.8
123 11.3 8.6 12.8

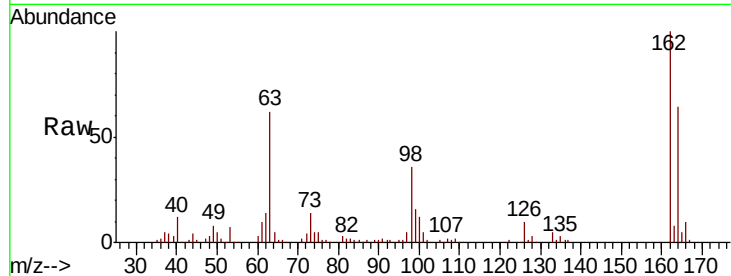




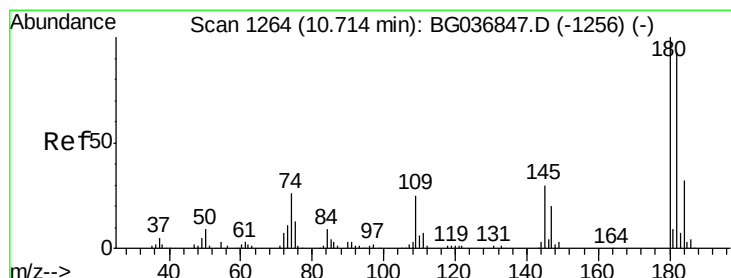
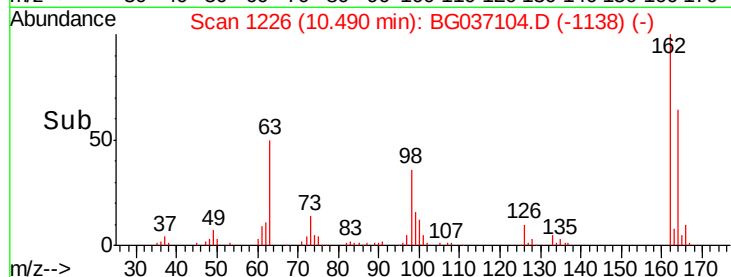
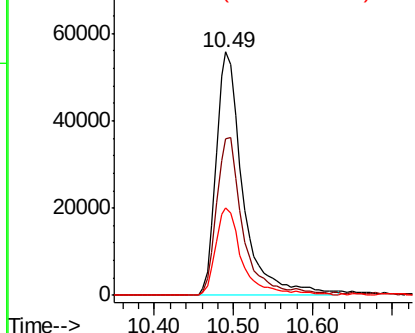
#29
 2,4-Dichlorophenol
 Concen: 43.439 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 130568
 Ion Ratio Lower Upper
 162 100
 164 64.5 47.6 87.6
 98 36.1 19.2 59.2

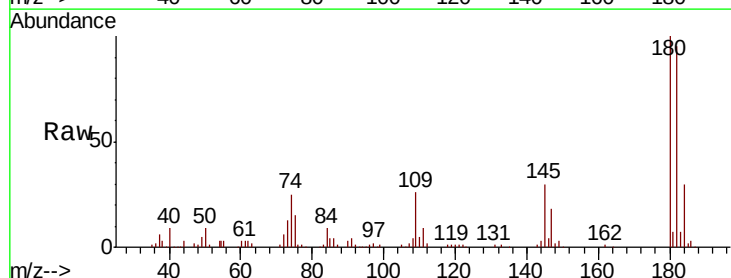


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

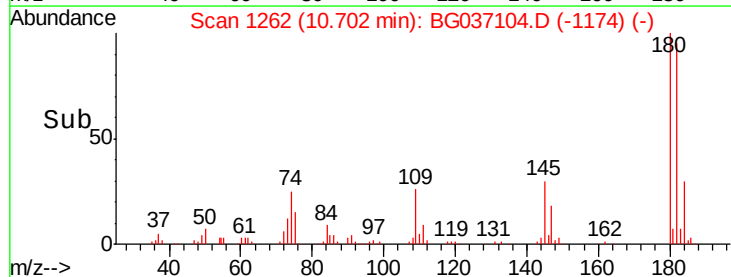
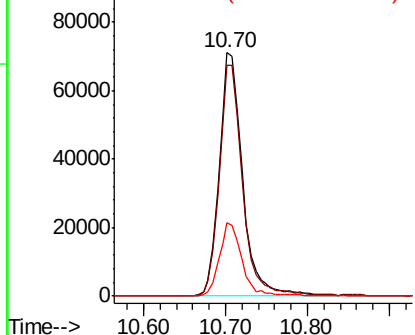


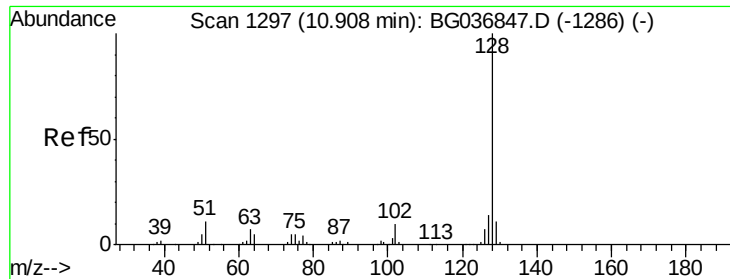
#30
 1,2,4-Trichlorobenzene
 Concen: 37.687 ng
 RT: 10.70 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

Tgt Ion:180 Resp: 141763
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.0 114.0
 145 30.0 22.9 34.3



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

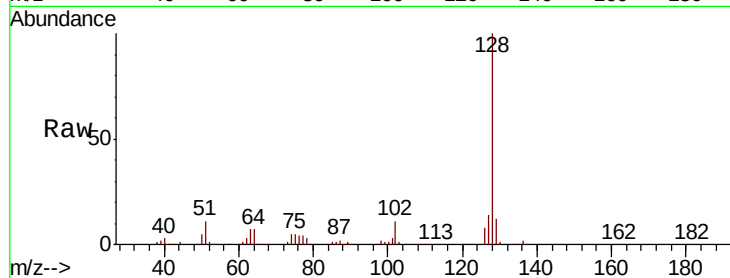




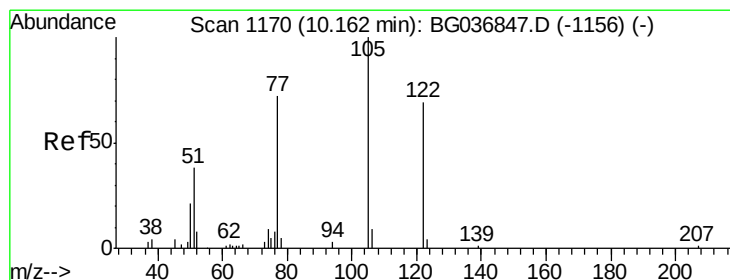
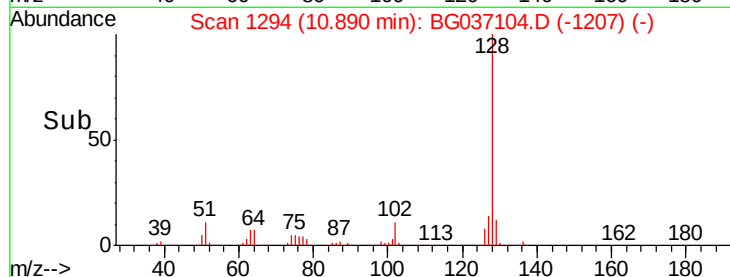
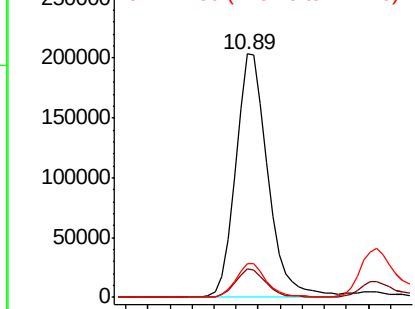
#31
Naphthalene
Concen: 41.860 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 417097
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.7 11.0 16.4

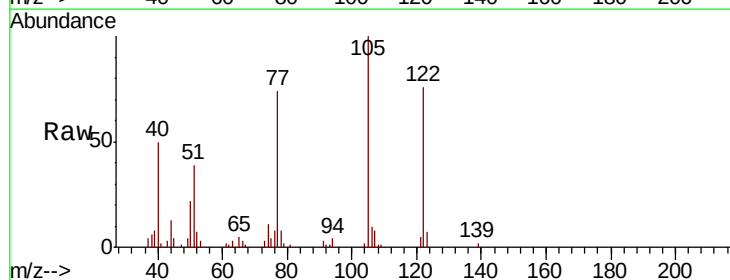


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

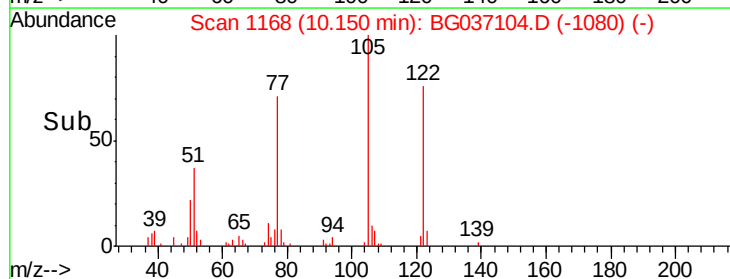
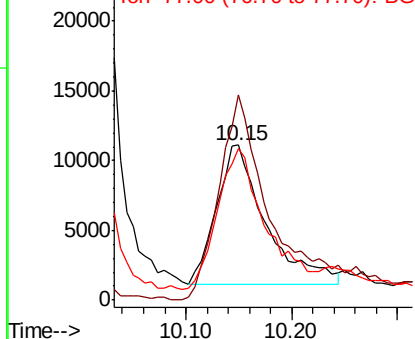


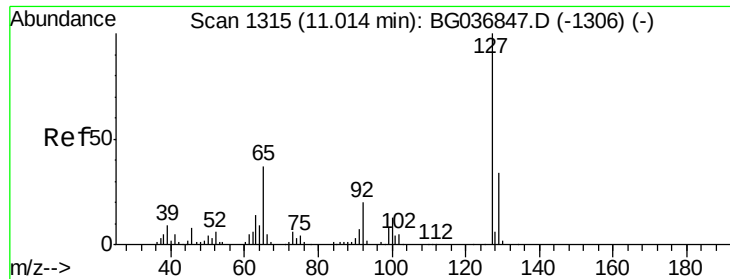
#32
Benzoic acid
Concen: 20.175 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Tgt Ion:122 Resp: 32455
Ion Ratio Lower Upper
122 100
105 132.1 108.1 148.1
77 97.9 76.3 116.3



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

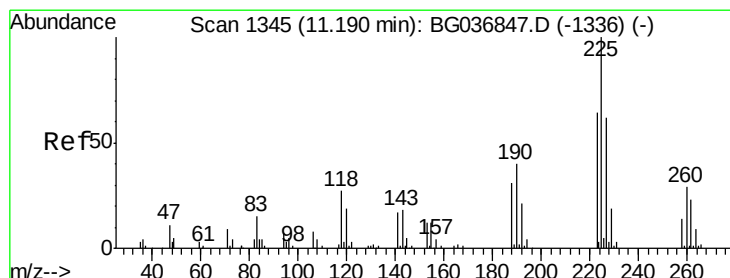
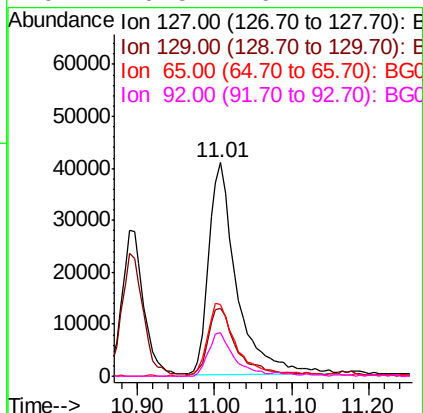
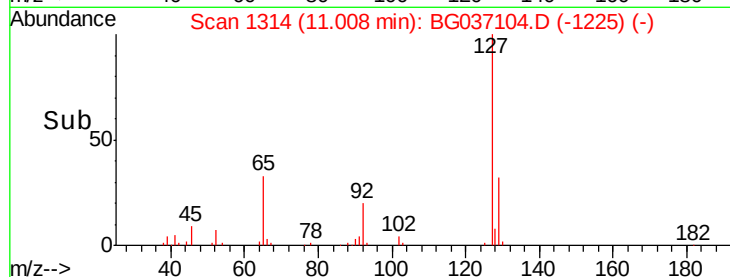
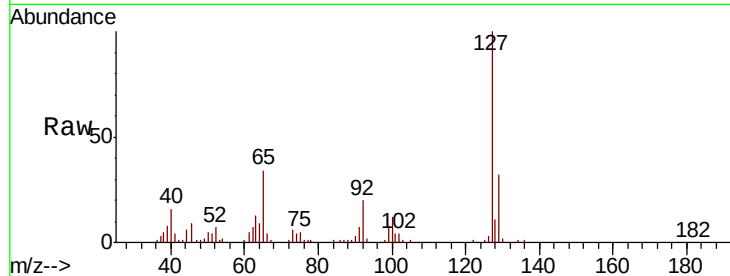




#33
4-Chloroaniline
Concen: 22.562 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

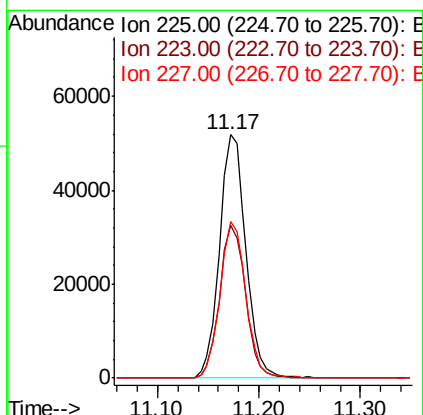
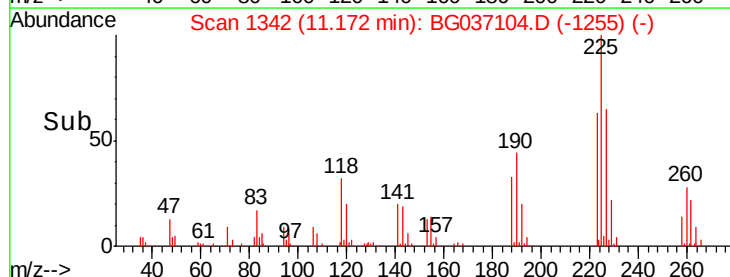
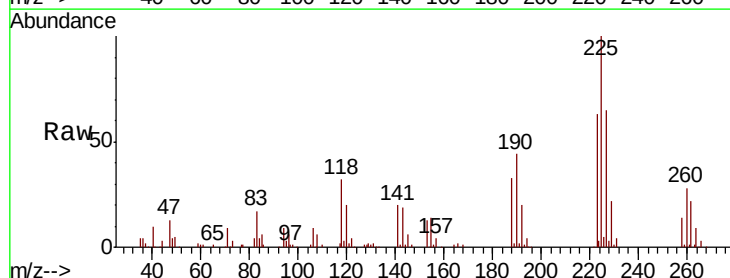
Instrument :
BNA_G
ClientSampleId :

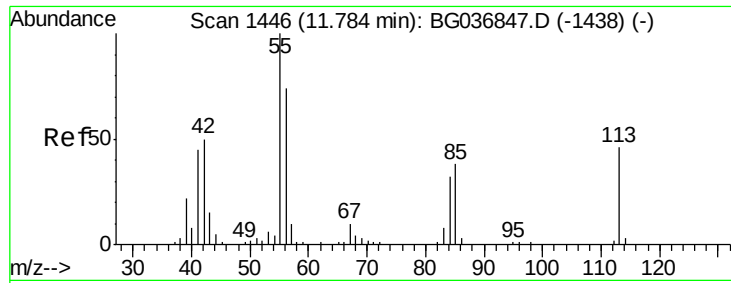
Tot Ion:127	Resp:	102215
Ion	Ratio	Lower Upper
127	100	
129	31.7	25.9 38.9
65	33.8	27.5 41.3
92	20.5	16.2 24.2



#34
Hexachlorobutadiene
Concen: 35.927 ng
RT: 11.17 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Tgt Ion:225	Resp:	93458
Ion	Ratio	Lower Upper
225	100	
223	62.7	51.8 77.8
227	64.6	49.8 74.6

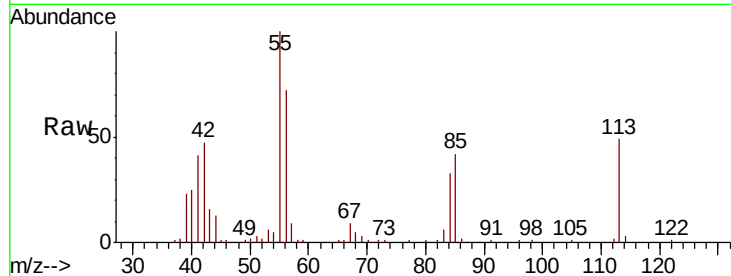




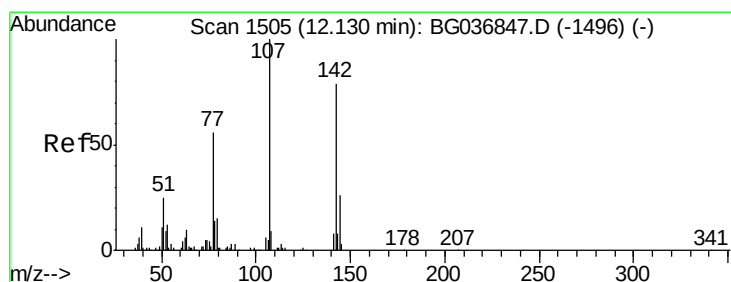
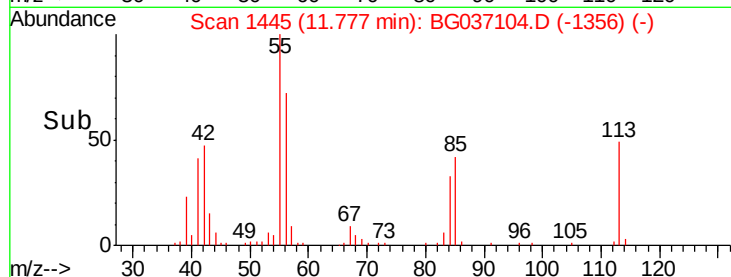
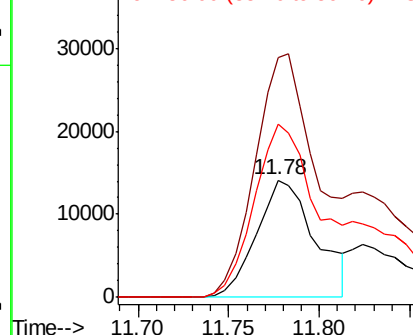
#35
Caprolactam
Concen: 25.631 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:113 Resp: 31709
Ion Ratio Lower Upper
113 100
55 205.5 197.7 237.7
56 148.6 131.7 171.7

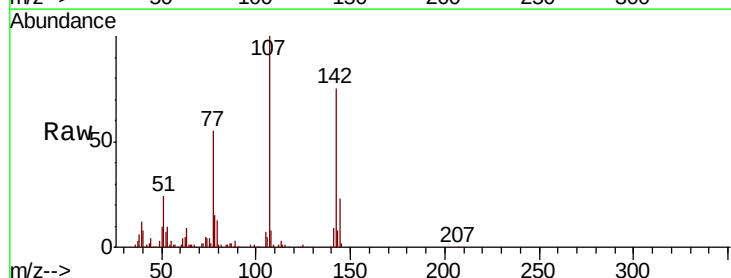


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

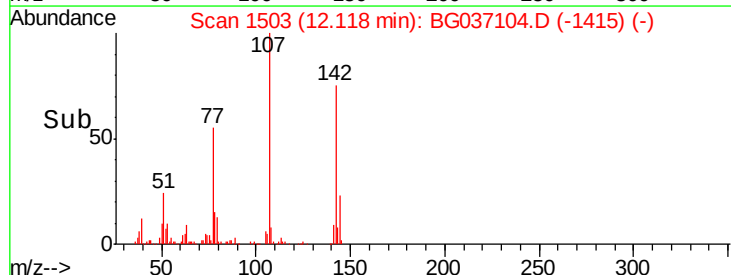
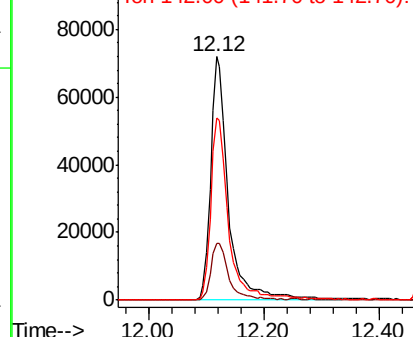


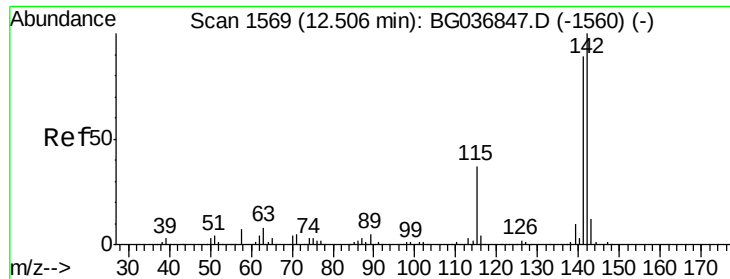
#36
4-Chloro-3-methylphenol
Concen: 43.350 ng
RT: 12.12 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Tgt Ion:107 Resp: 155475
Ion Ratio Lower Upper
107 100
144 23.2 19.5 29.3
142 74.9 62.4 93.6



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

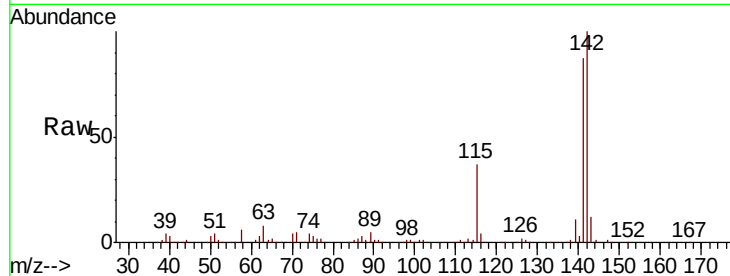




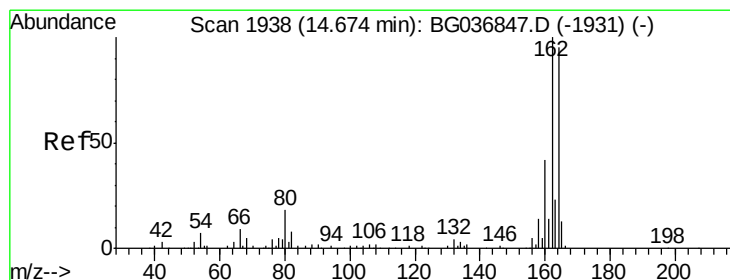
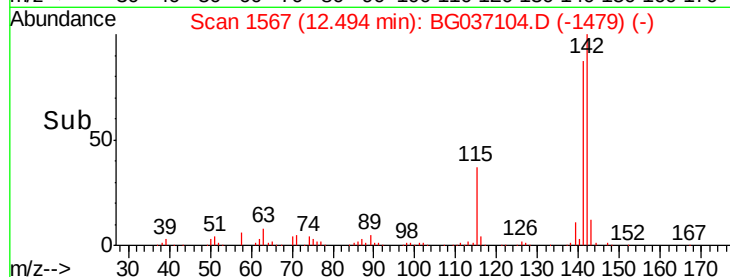
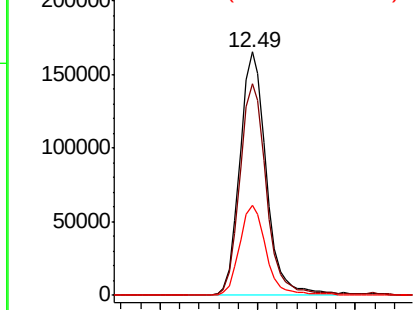
#37
 2-Methylnaphthalene
 Concen: 41.223 ng
 RT: 12.49 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 312833
 Ion Ratio Lower Upper
 142 100
 141 86.9 68.5 102.7
 115 37.0 29.8 44.8

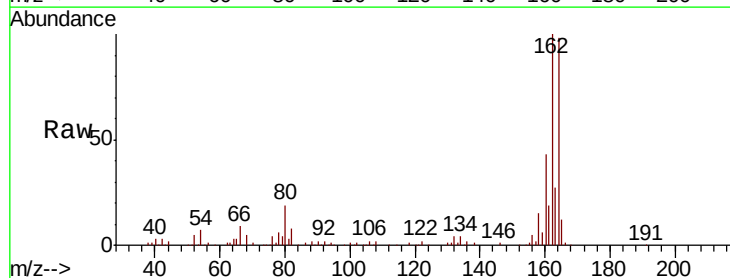


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

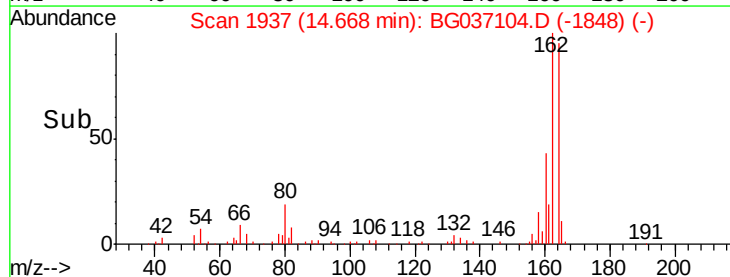
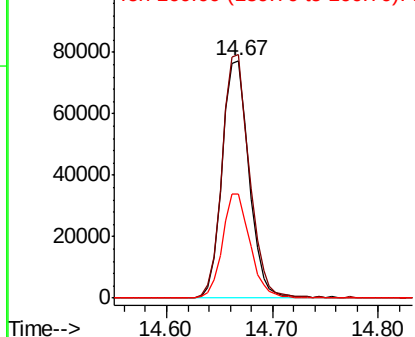


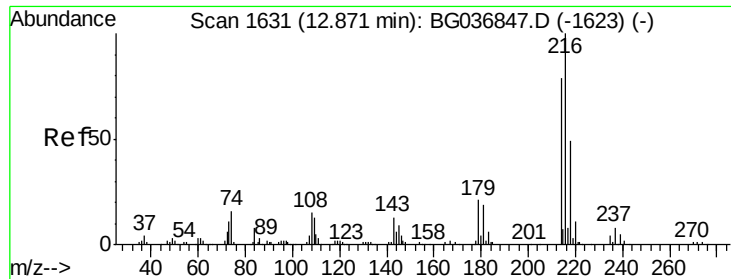
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

Tgt Ion:164 Resp: 137290
 Ion Ratio Lower Upper
 164 100
 162 102.5 80.7 121.1
 160 44.0 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.217 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 173424

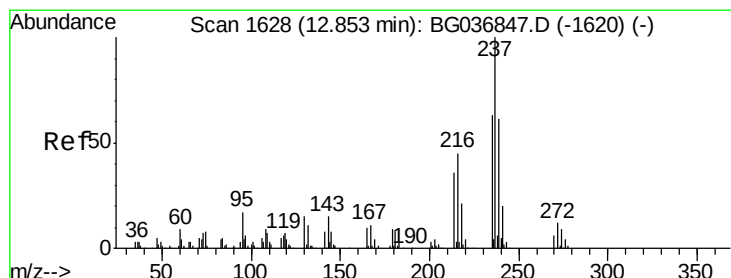
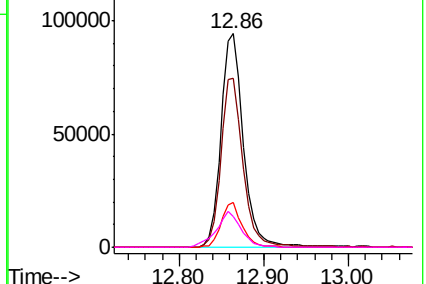
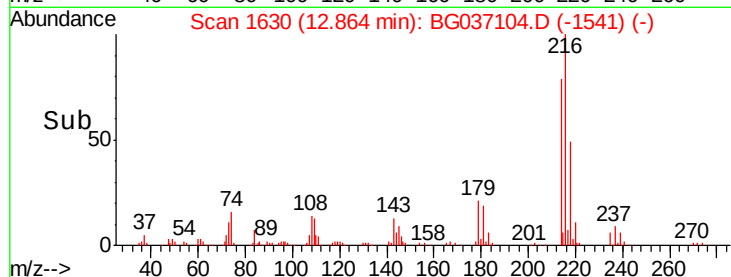
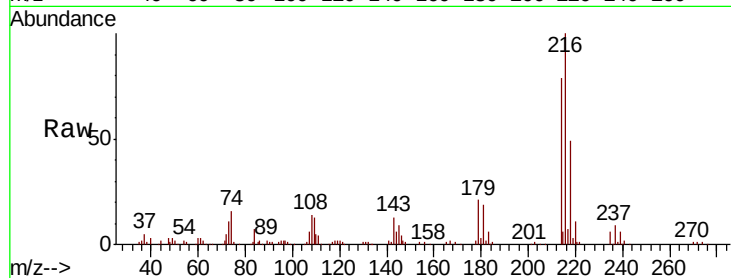
Ion	Ratio	Lower	Upper
216	100		
214	78.2	61.0	91.6
179	19.7	15.7	23.5
108	18.5	13.1	19.7

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 79.731 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

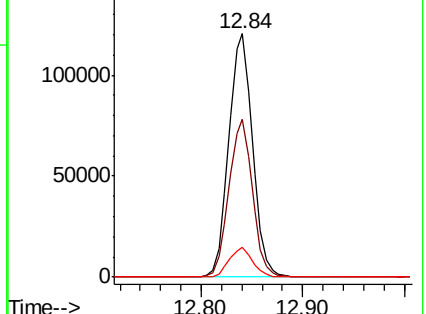
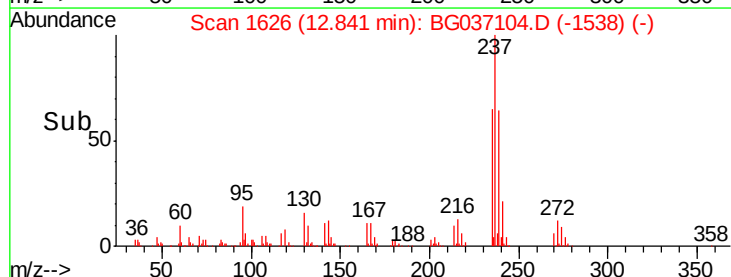
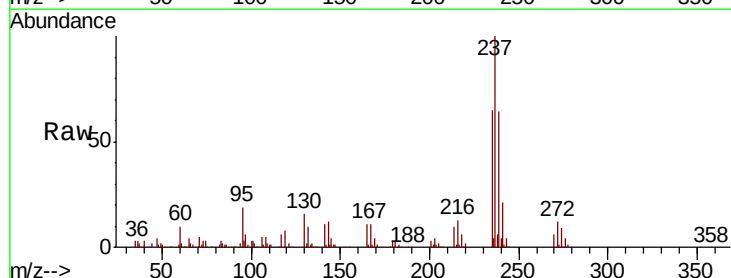
Tgt Ion:237 Resp: 196354

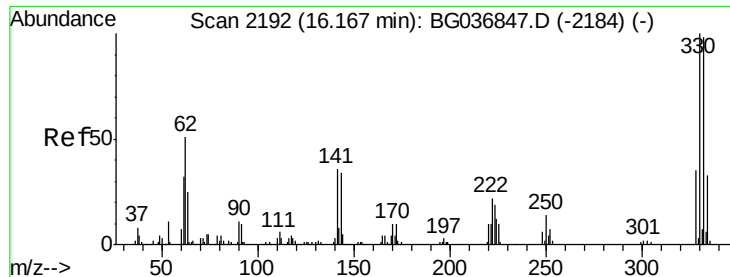
Ion	Ratio	Lower	Upper
237	100		
235	65.1	42.2	82.2
272	12.2	0.0	32.1

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





#41

2,4,6-Tribromophenol

Concen: 148.619 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Instrument :

BNA_G

ClientSampleId :

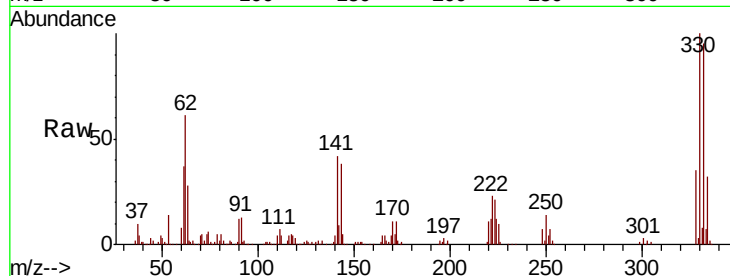
Tot Ion:330 Resp: 244120

Ion Ratio Lower Upper

330 100

332 94.3 75.4 113.2

141 39.6 30.7 46.1

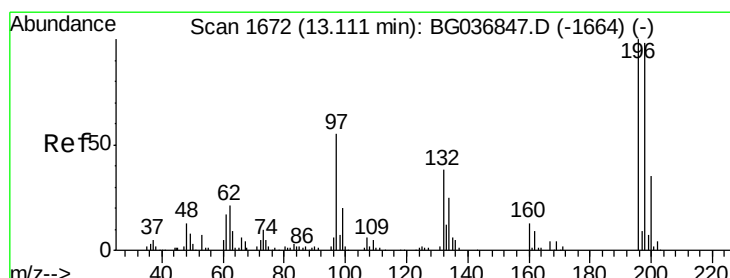
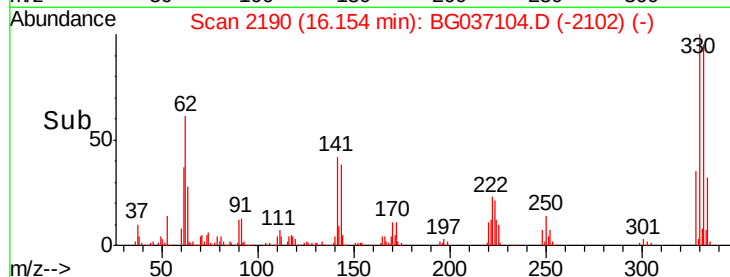
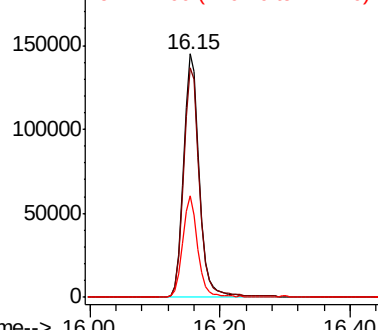


Abundance

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



#42

2,4,6-Trichlorophenol

Concen: 41.370 ng

RT: 13.10 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

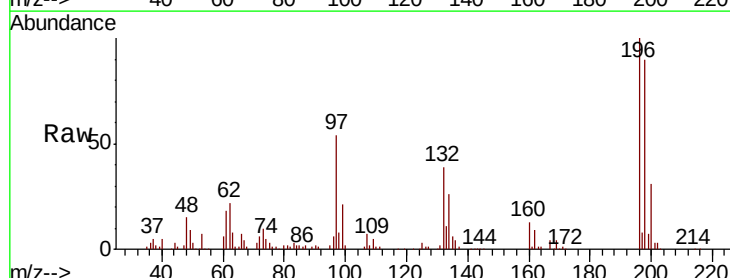
Tgt Ion:196 Resp: 110004

Ion Ratio Lower Upper

196 100

198 90.5 77.2 115.8

200 31.0 26.3 39.5

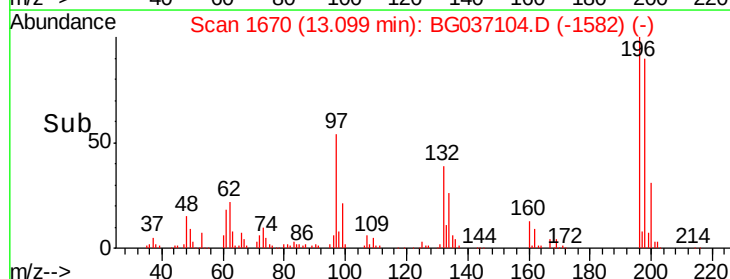
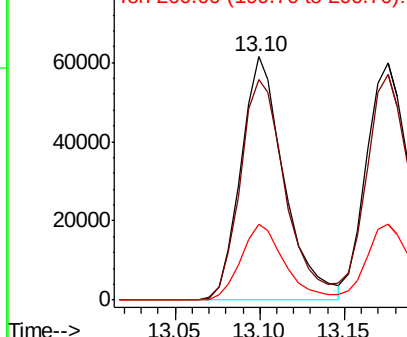


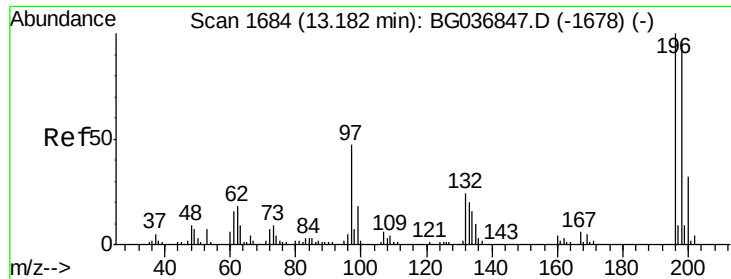
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

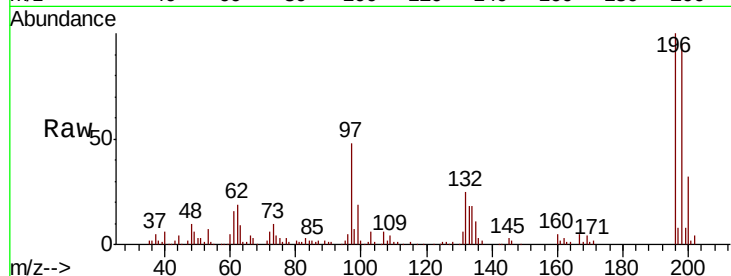




#43
 2,4,5-Trichlorophenol
 Concen: 42.194 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	119636
Ion Ratio	Lower	Upper	
196	100		
198	95.3	75.6	113.4
97	48.0	37.2	55.8
132	25.2	19.4	29.2



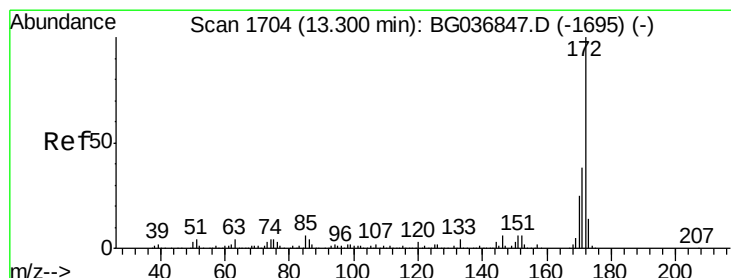
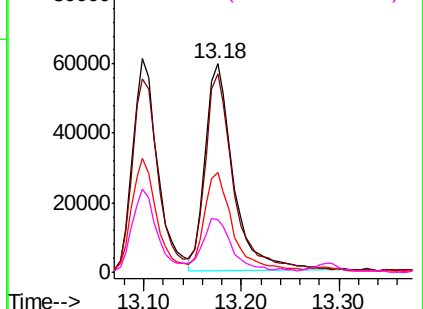
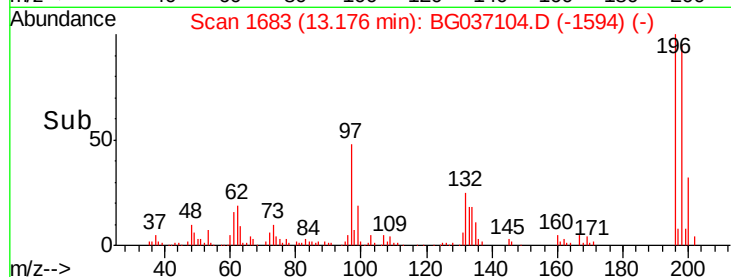
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

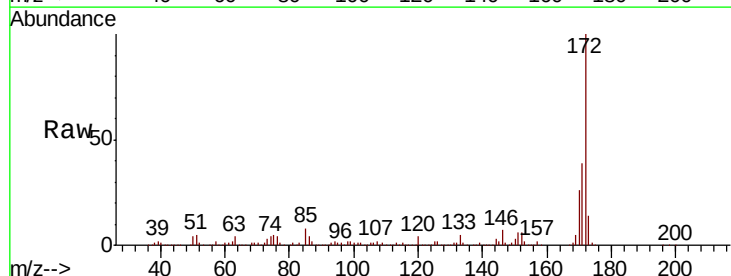
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.811 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

Tgt Ion	172	Resp	800212
Ion Ratio	Lower	Upper	
172	100		
171	39.1	31.3	46.9
170	25.7	21.0	31.6

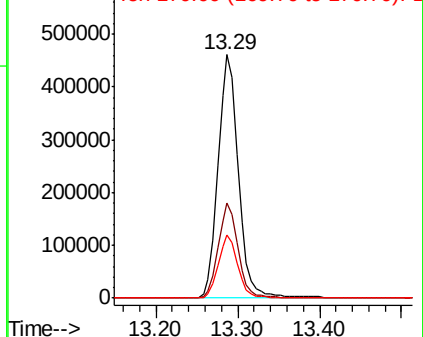
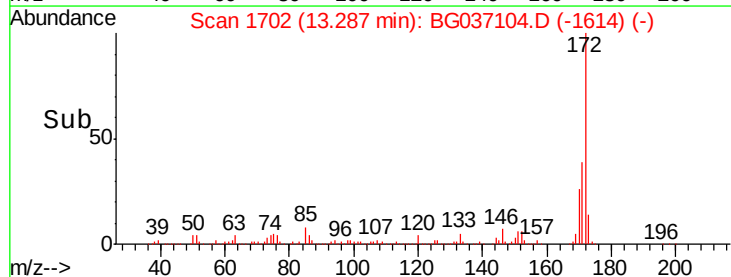


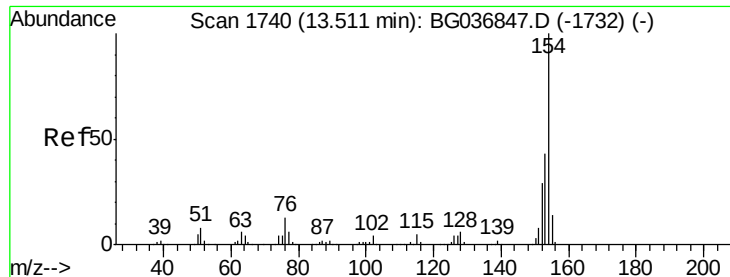
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

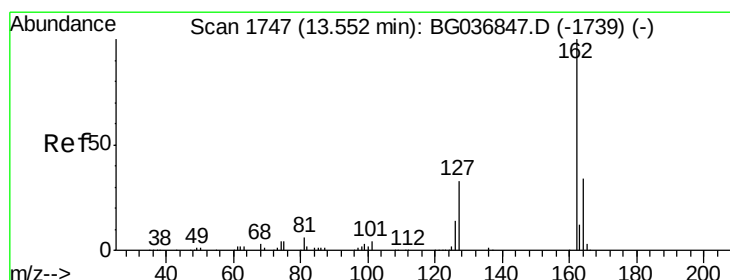
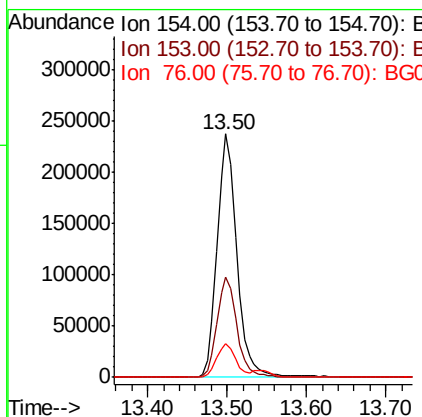
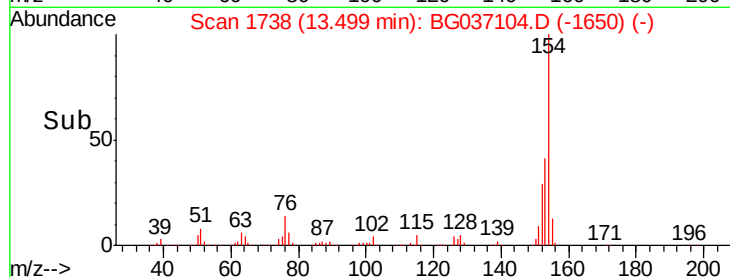
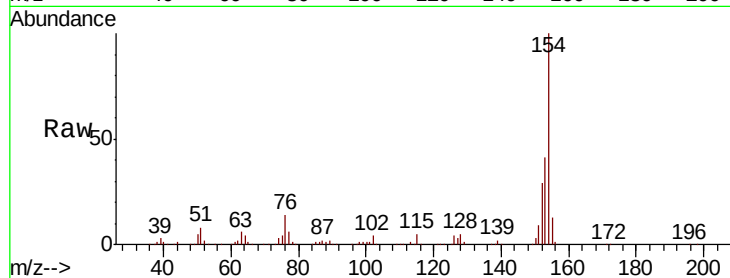




#45
 1,1'-Biphenyl
 Concen: 39.102 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

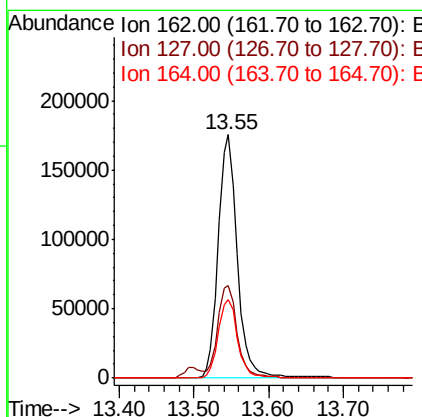
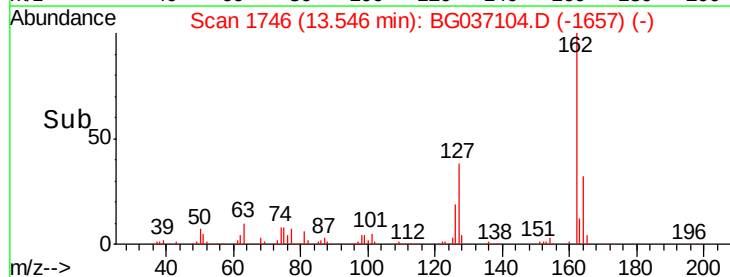
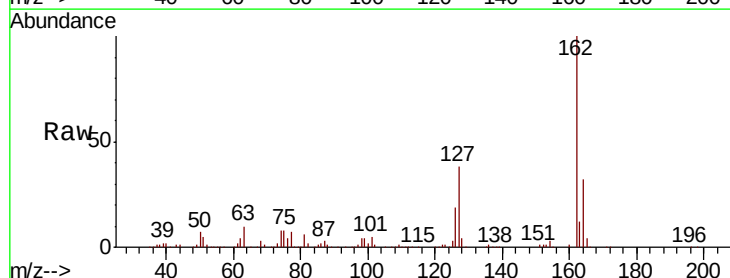
Instrument :
 BNA_G
 ClientSampleId :

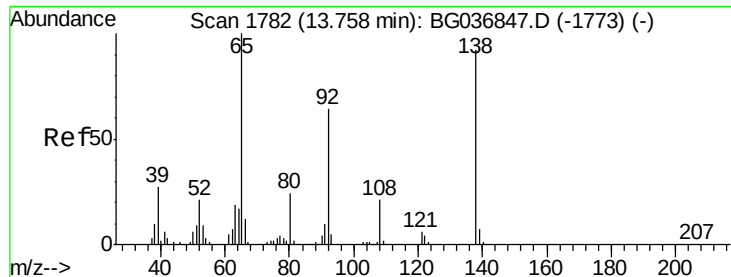
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	24.0	64.0
76	13.7	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 38.013 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.7	46.1
164	32.4	26.7	40.1





#47

2-Nitroaniline

Concen: 40.426 ng

RT: 13.75 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Instrument :

BNA_G

ClientSampleId :

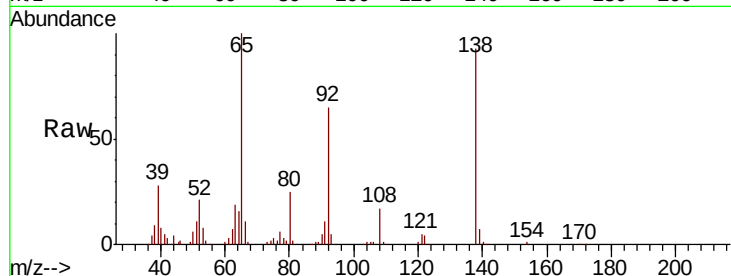
Tot Ion: 65 Resp: 115619

Ion	Ratio	Lower	Upper
65	100		
92	64.7	49.9	74.9
138	92.6	76.2	114.4

65 100

92 64.7 49.9 74.9

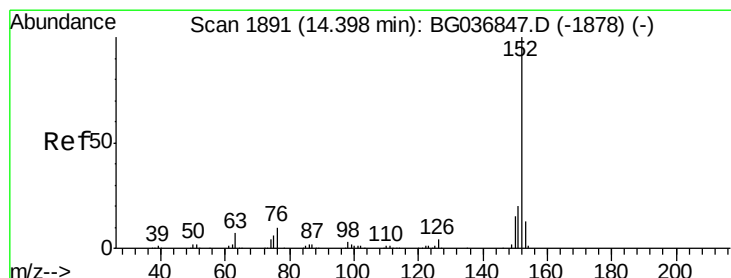
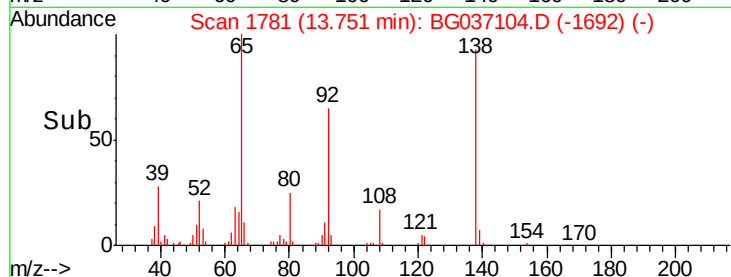
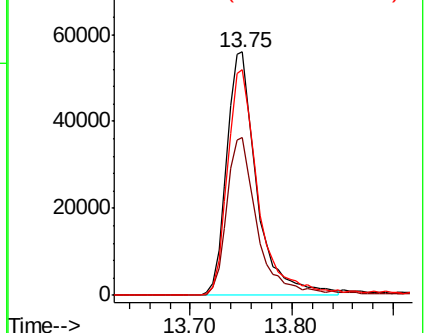
138 92.6 76.2 114.4



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): BGC



#48

Acenaphthylene

Concen: 41.846 ng

RT: 14.39 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

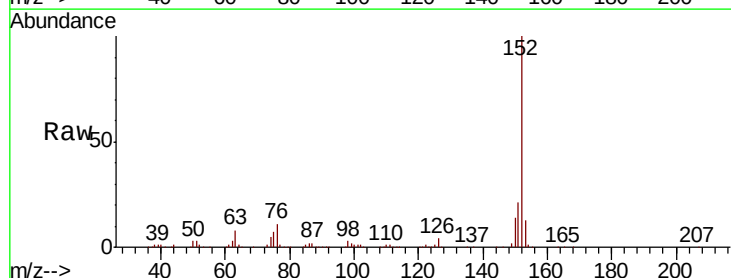
Tgt Ion: 152 Resp: 542207

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	13.5	11.2	16.8

152 100

151 21.0 16.9 25.3

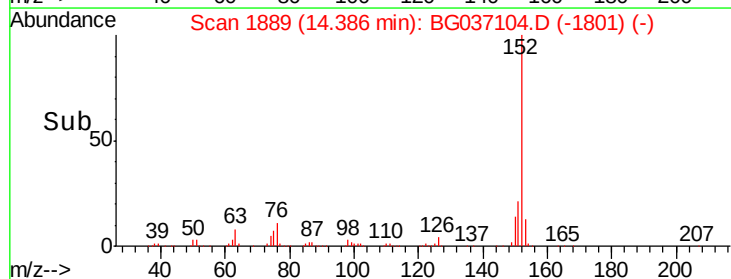
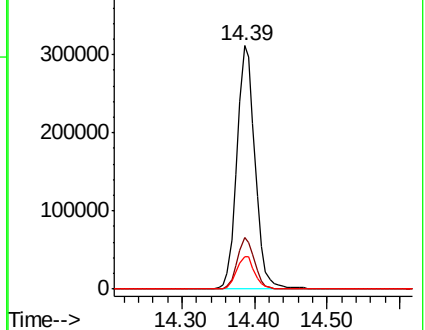
153 13.5 11.2 16.8

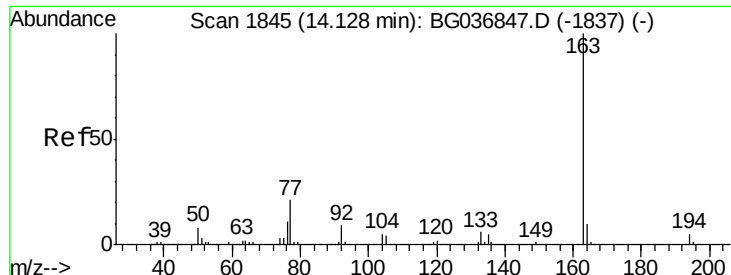


Abundance Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 60.250 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Instrument :

BNA_G

ClientSampleId :

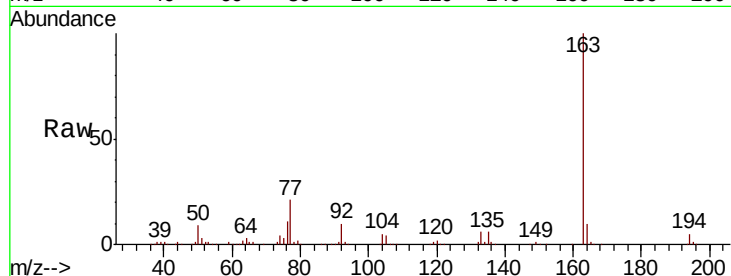
Tot Ion:163 Resp: 665813

Ion Ratio Lower Upper

163 100

194 5.1 4.0 6.0

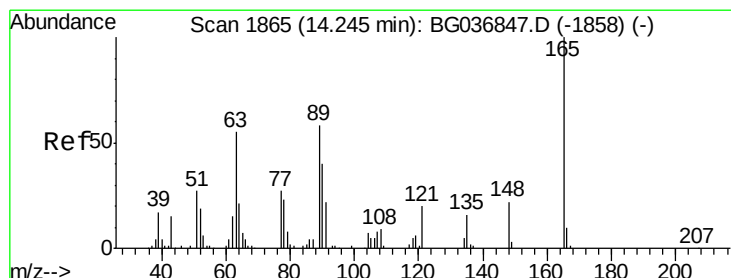
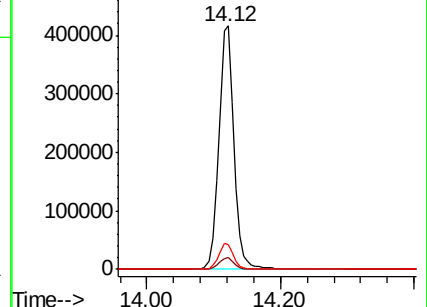
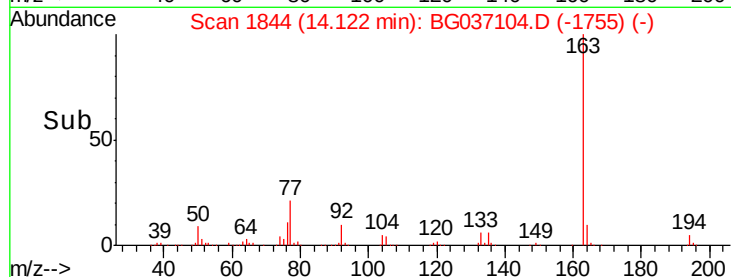
164 10.3 8.1 12.1



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



#50

2,6-Dinitrotoluene

Concen: 39.120 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

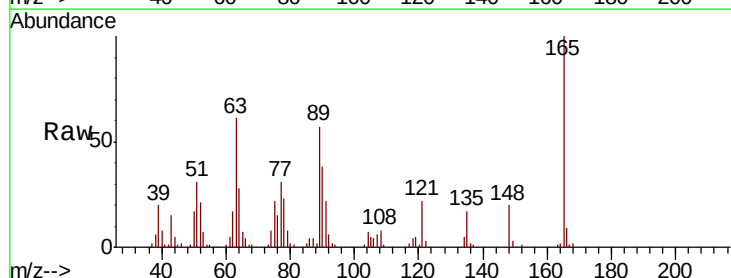
Tgt Ion:165 Resp: 94324

Ion Ratio Lower Upper

165 100

63 61.3 50.1 75.1

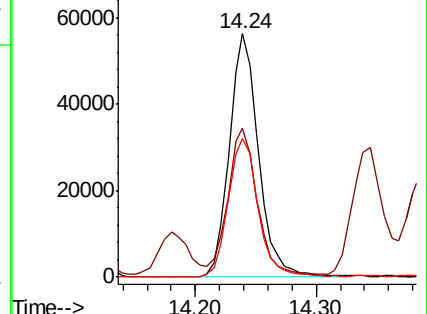
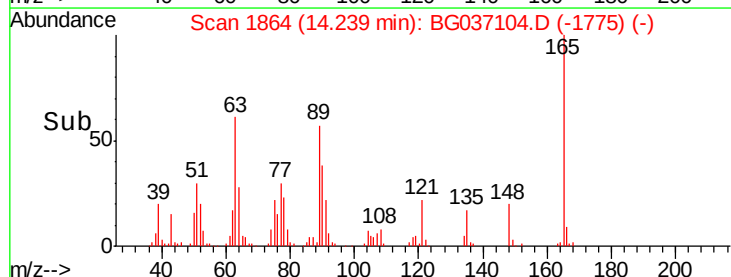
89 56.8 47.8 71.6

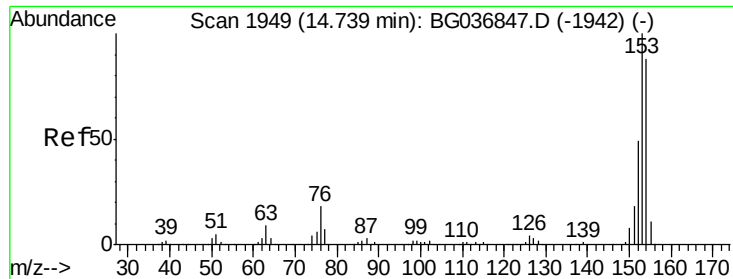


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 39.284 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Instrument :

BNA_G

ClientSampleId :

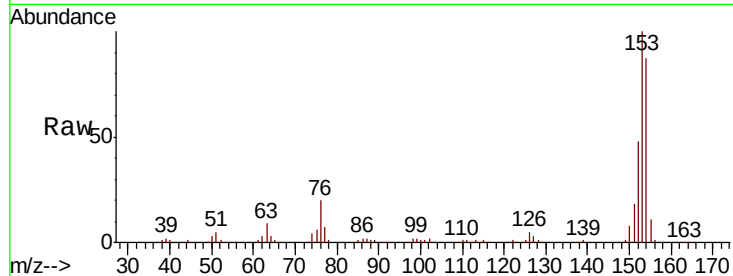
Tot Ion:154 Resp: 307630

Ion Ratio Lower Upper

154 100

153 114.3 91.8 137.6

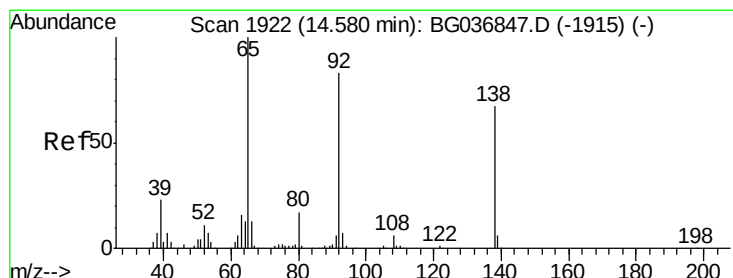
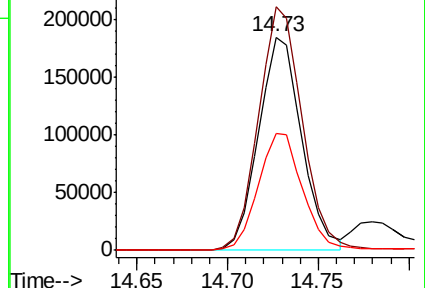
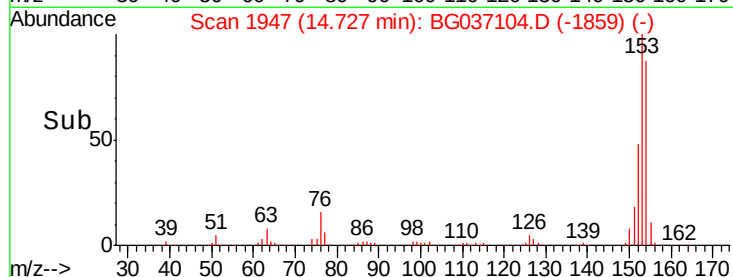
152 55.2 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.464 ng

RT: 14.57 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

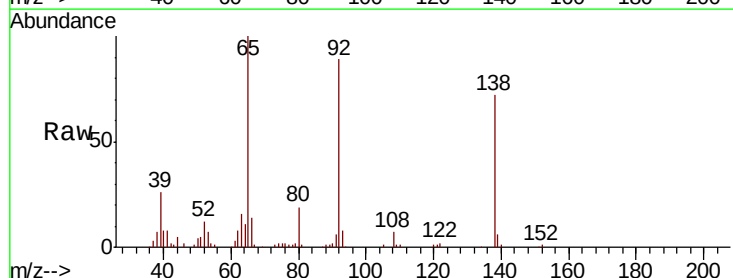
Tgt Ion:138 Resp: 77401

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.2

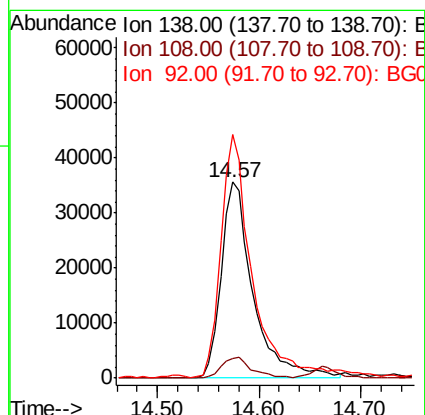
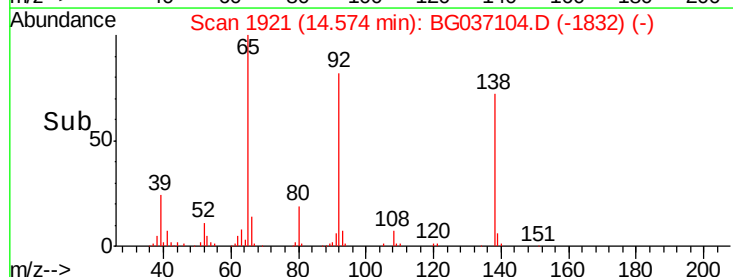
92 124.1 96.8 145.2

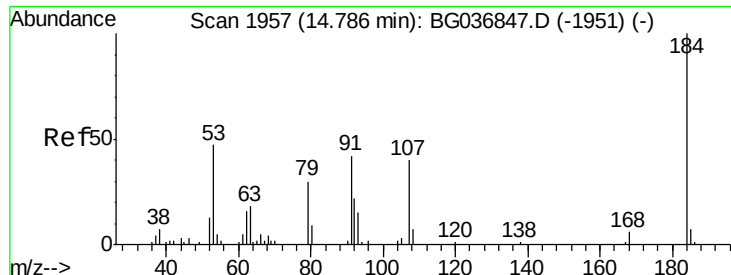


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#53

2,4-Dinitrophenol

Concen: 72.939 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Instrument :

BNA_G

ClientSampled :

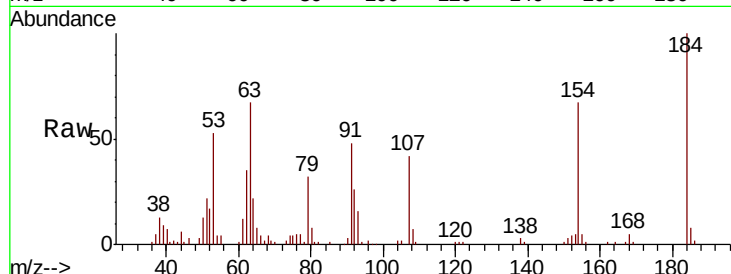
Tot Ion:184 Resp: 81576

Ion Ratio Lower Upper

184 100

63 66.9 47.3 70.9

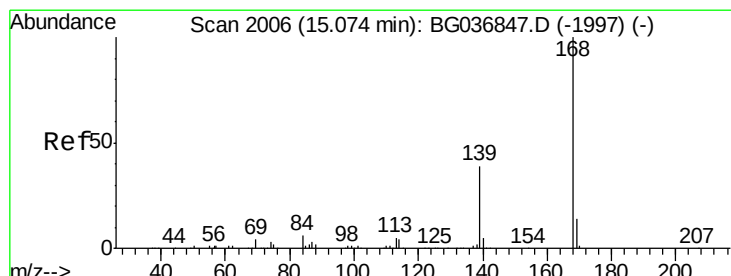
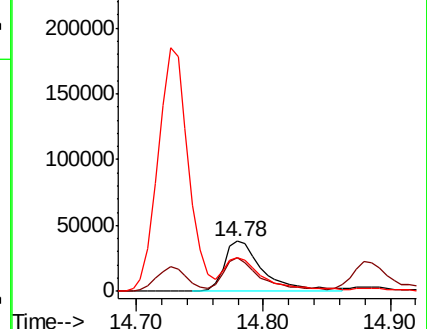
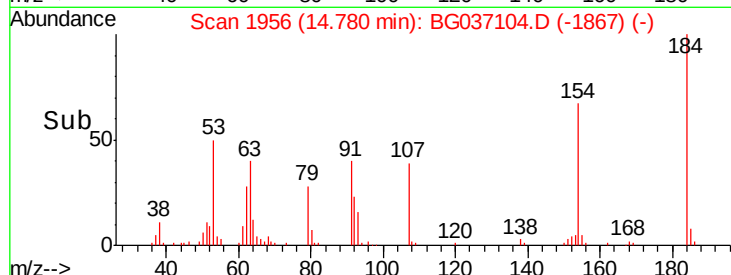
154 66.5 51.1 76.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 38.936 ng

RT: 15.06 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

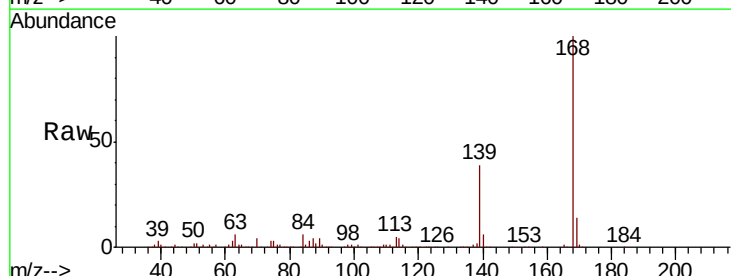
Tgt Ion:168 Resp: 515741

Ion Ratio Lower Upper

168 100

139 39.3 31.0 46.6

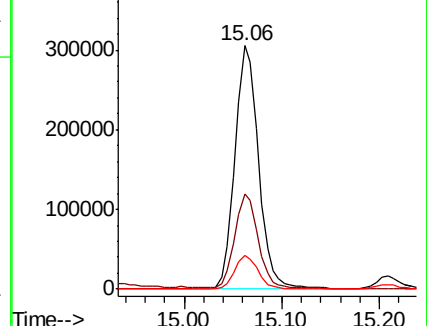
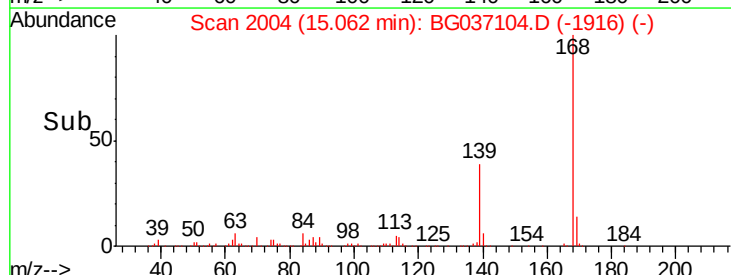
169 13.6 11.1 16.7

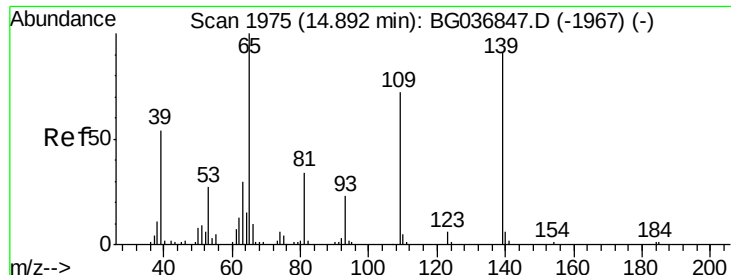


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

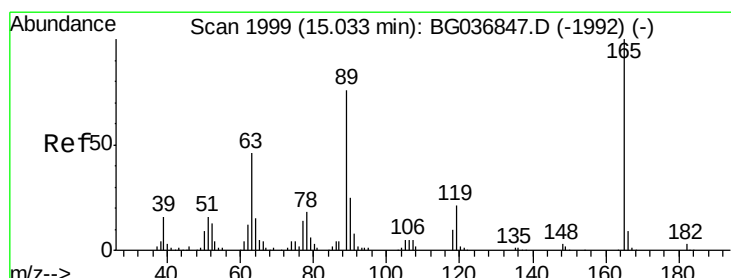
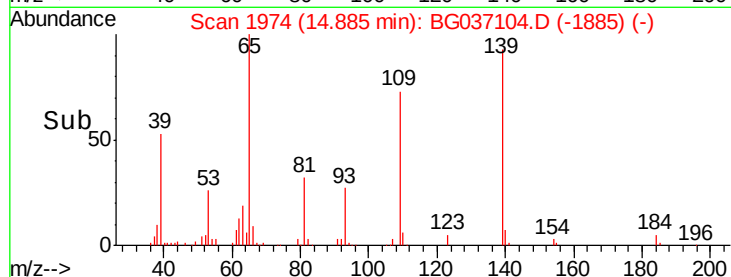
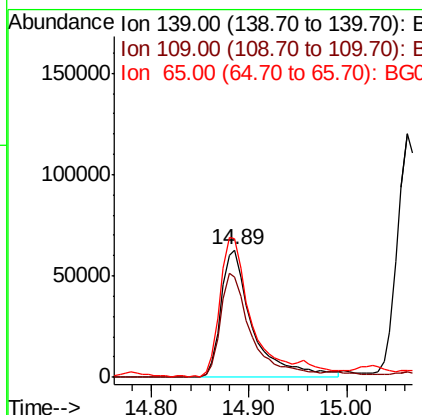
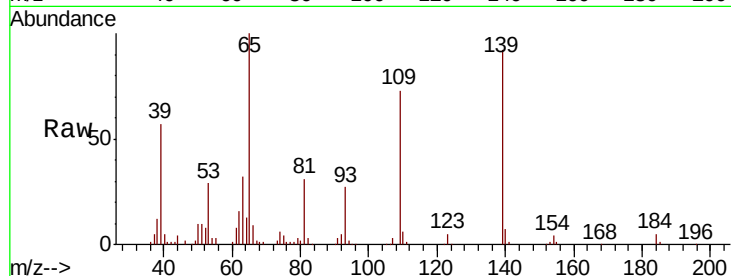




#55
4-Nitrophenol
Concen: 87.685 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

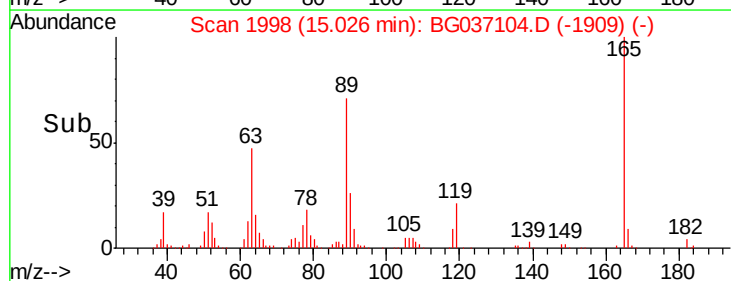
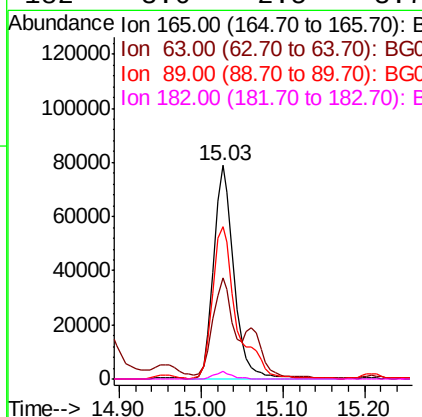
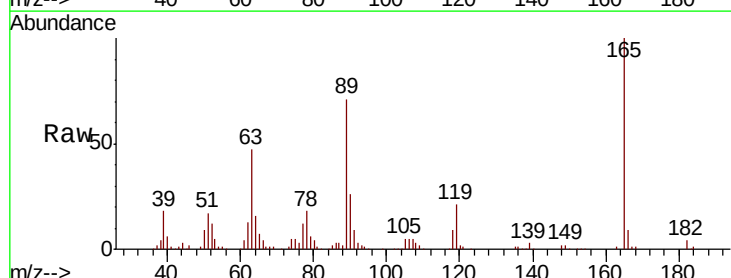
Instrument :
BNA_G
ClientSampleId :

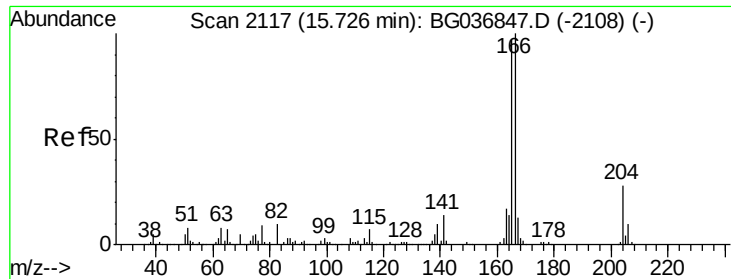
Tot Ion:139 Resp: 142323
Ion Ratio Lower Upper
139 100
109 79.0 63.9 103.9
65 108.5 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 40.872 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Tgt Ion:165 Resp: 137511
Ion Ratio Lower Upper
165 100
63 47.4 40.1 60.1
89 71.1 63.7 95.5
182 3.6 2.5 3.7





#57

Fluorene

Concen: 41.961 ng

RT: 15.71 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Instrument :

BNA_G

ClientSampleId :

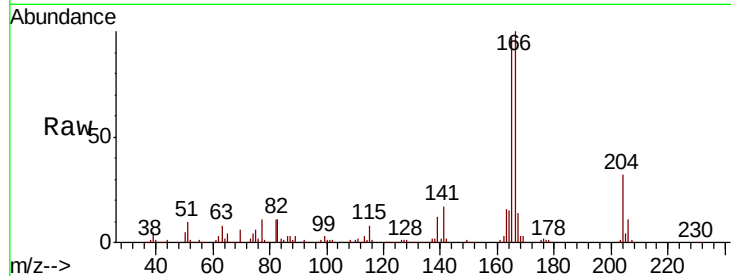
Tot Ion:166 Resp: 415436

Ion Ratio Lower Upper

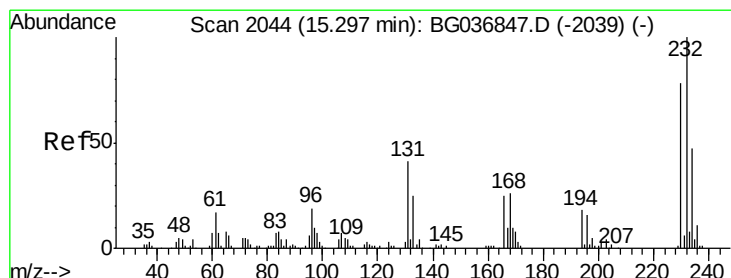
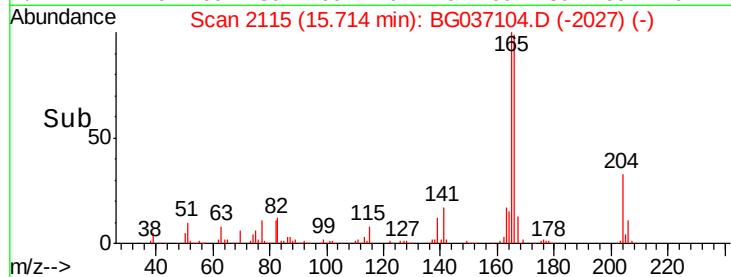
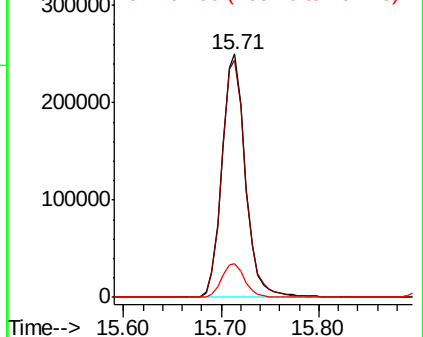
166 100

165 97.4 77.0 115.4

167 14.0 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.558 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Tgt Ion:232 Resp: 125285

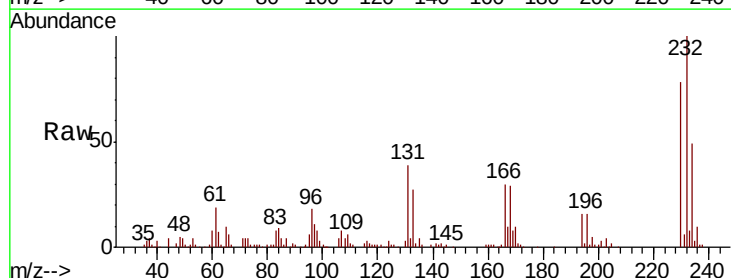
Ion Ratio Lower Upper

232 100

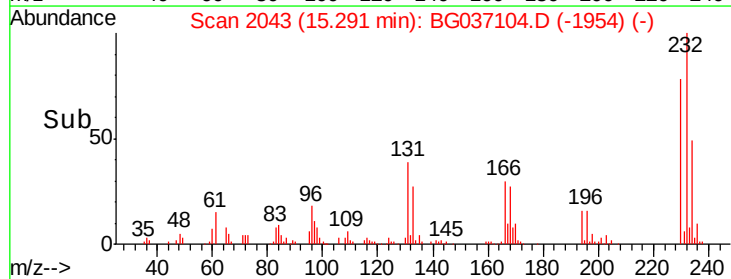
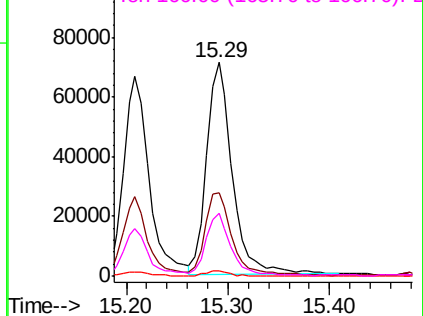
131 38.8 33.8 50.8

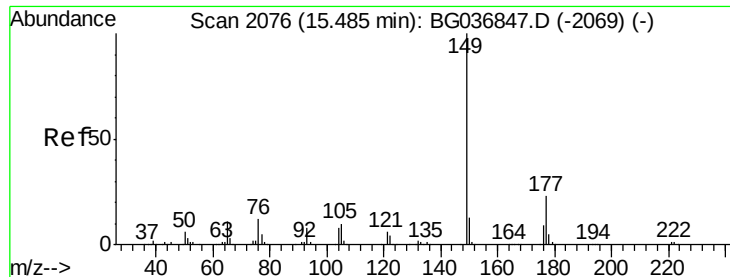
130 2.1 2.1 3.1

166 28.6 22.3 33.5



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





#59

Diethylphthalate

Concen: 39.401 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Instrument :

BNA_G

ClientSampleId :

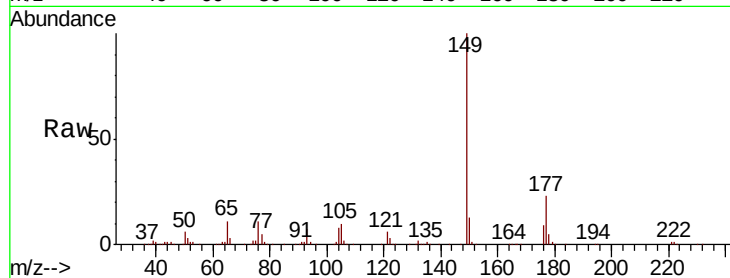
Tot Ion:149 Resp: 439162

Ion Ratio Lower Upper

149 100

177 22.8 19.1 28.7

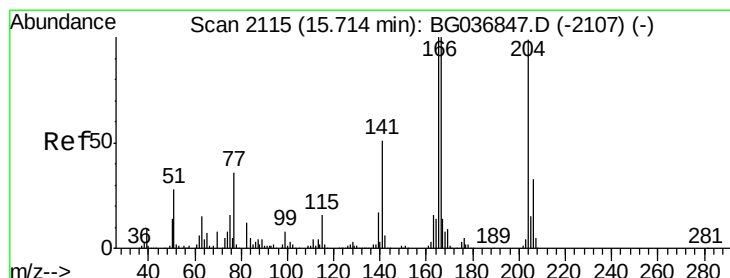
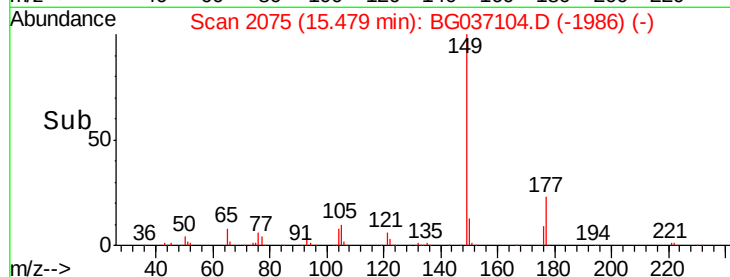
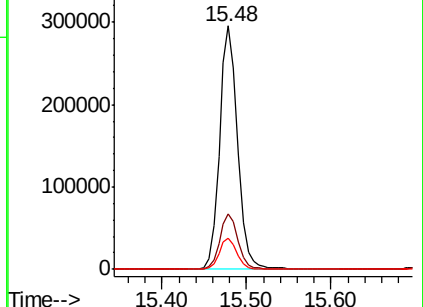
150 13.1 10.7 16.1



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



#60

4-Chlorophenyl-phenylether

Concen: 35.898 ng

RT: 15.70 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

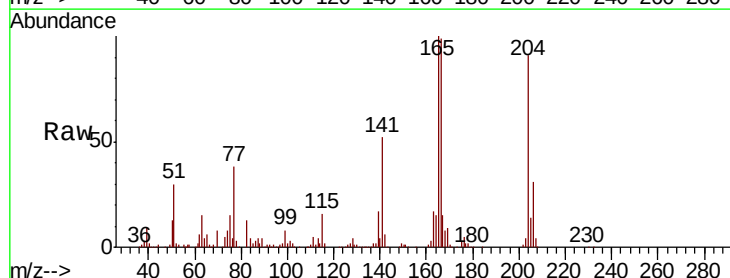
Tgt Ion:204 Resp: 225079

Ion Ratio Lower Upper

204 100

206 33.7 27.0 40.4

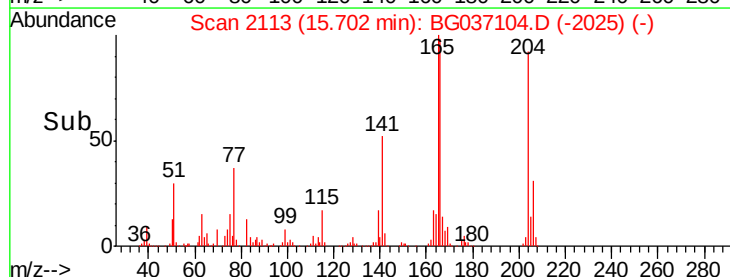
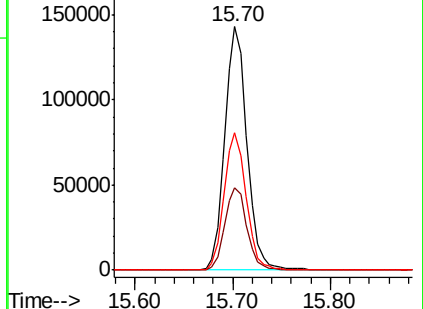
141 56.7 43.8 65.6

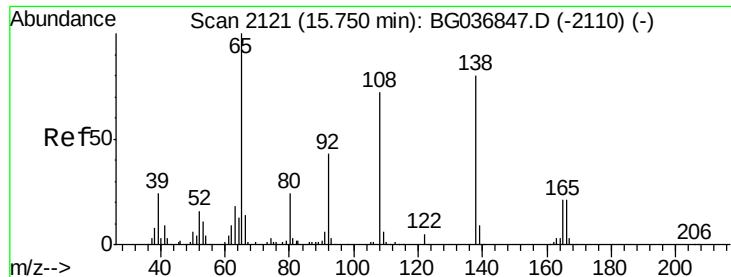


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

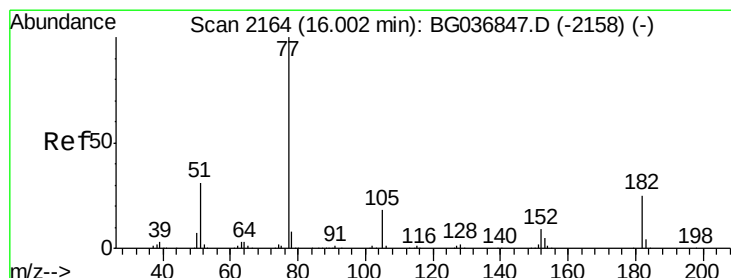
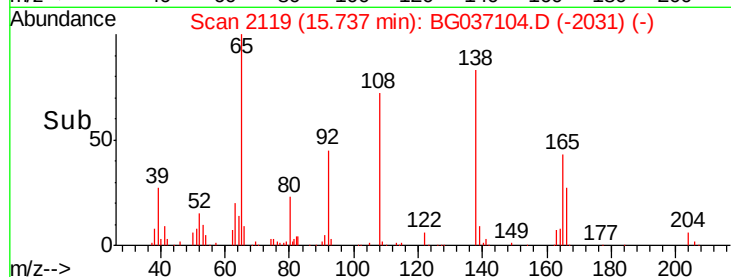
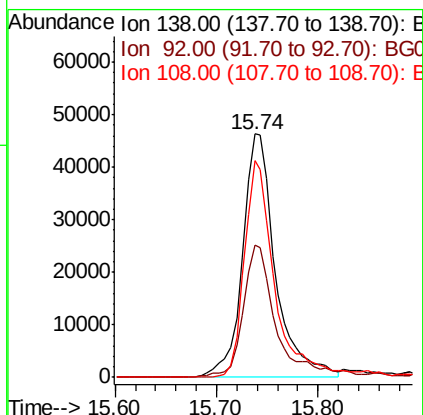
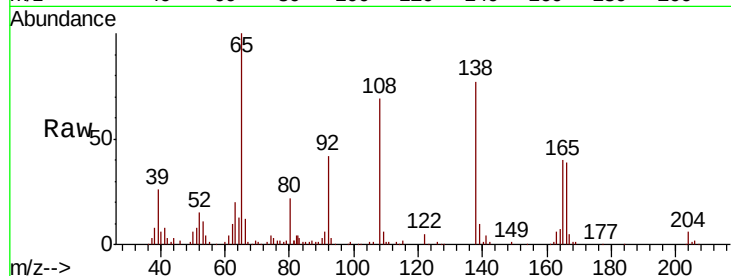




#61
4-Nitroaniline
Concen: 38.970 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

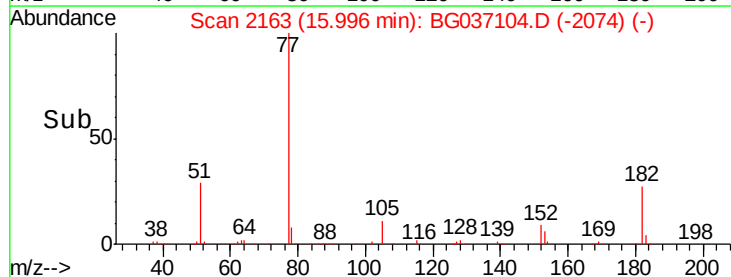
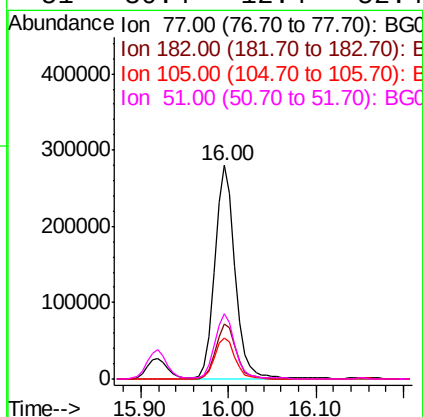
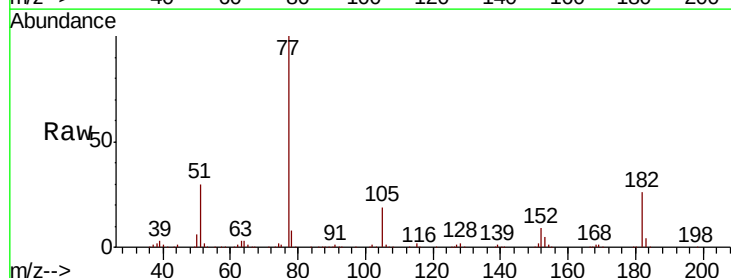
Instrument :
BNA_G
ClientSampleId :

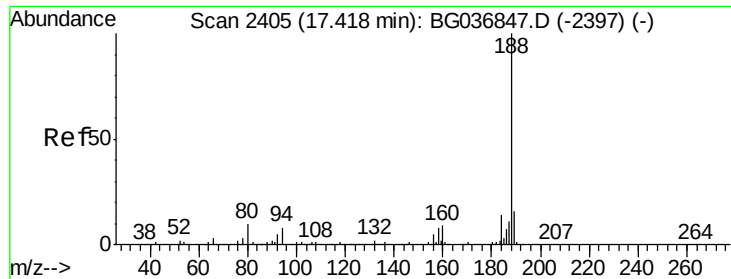
Tot Ion:138 Resp: 104148
Ion Ratio Lower Upper
138 100
92 54.2 38.5 78.5
108 88.9 70.3 110.3



#62
Azobenzene
Concen: 41.623 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Tgt Ion: 77 Resp: 445770
Ion Ratio Lower Upper
77 100
182 25.8 6.7 46.7
105 19.1 0.0 39.8
51 30.4 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Instrument :

BNA_G

ClientSampled :

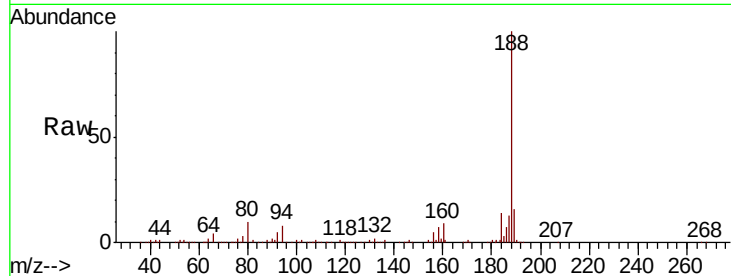
Tot Ion:188 Resp: 344957

Ion Ratio Lower Upper

188 100

94 8.5 6.7 10.1

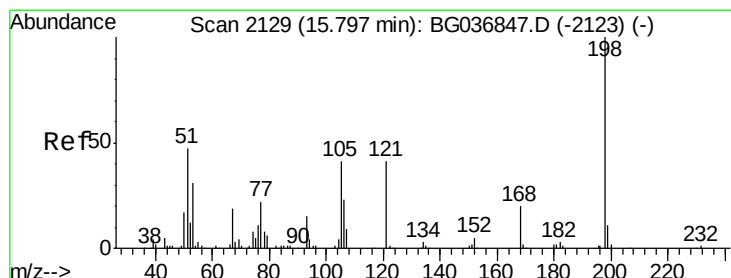
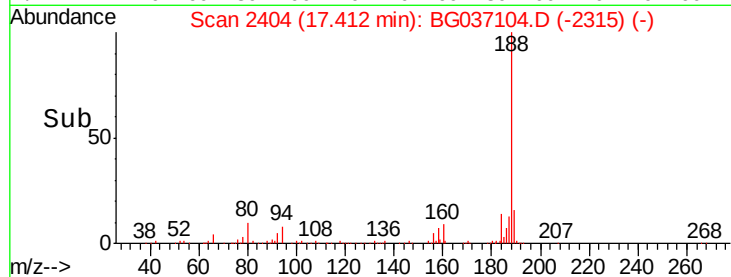
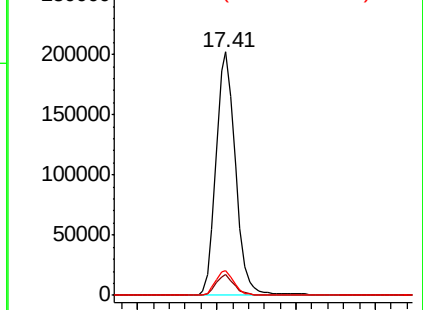
80 10.1 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 41.409 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

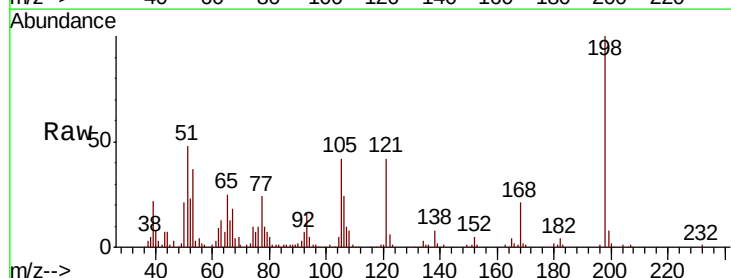
Tgt Ion:198 Resp: 74680

Ion Ratio Lower Upper

198 100

51 48.2 26.5 66.5

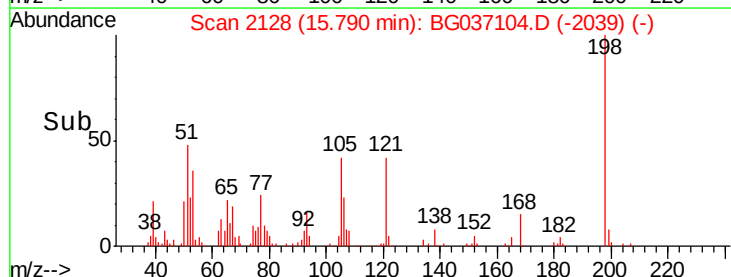
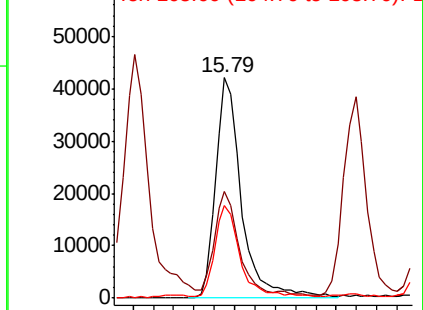
105 42.1 20.2 60.2

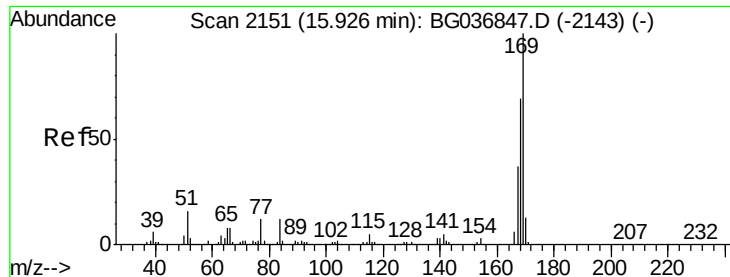


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

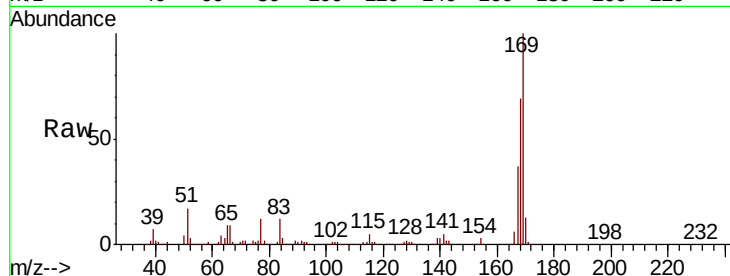




#65
 n-Nitrosodiphenylamine
 Concen: 39.849 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	169	Resp	379498
Ion Ratio	100		
Lower	57.6		
Upper	86.4		
168	68.7		
167	37.4		

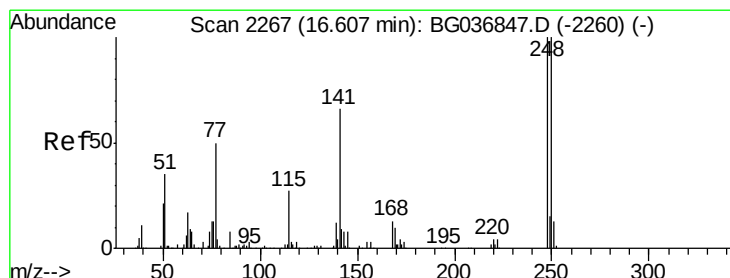
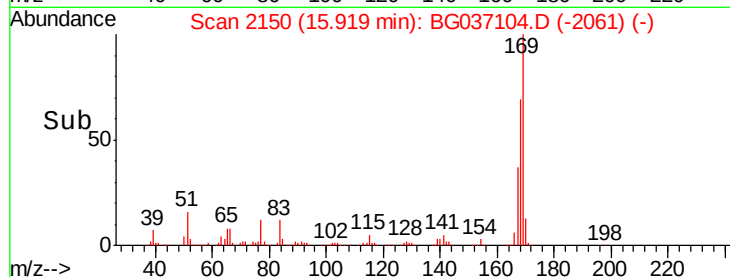
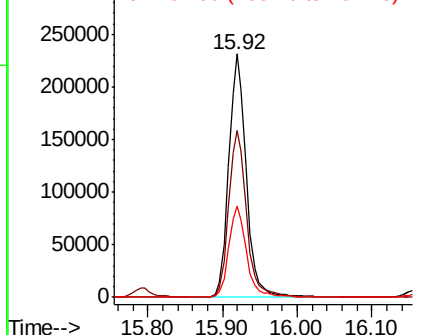


Abundance

Ion 169.00 (168.70 to 169.70): E

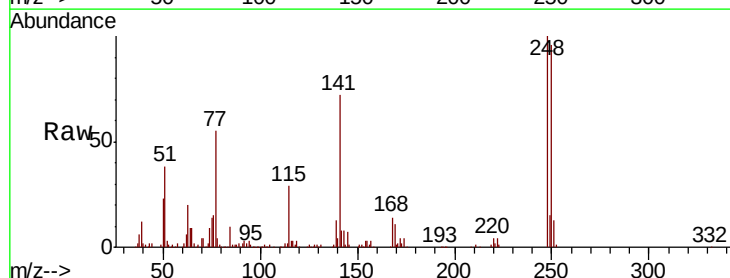
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 37.030 ng
 RT: 16.60 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

Tgt Ion	248	Resp	145295
Ion Ratio	100		
Lower	78.1		
Upper	117.1		
250	96.4		
141	72.2		

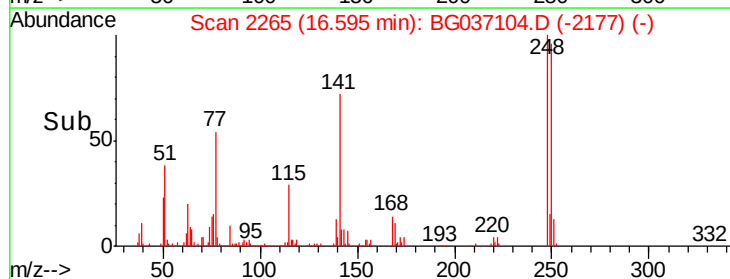
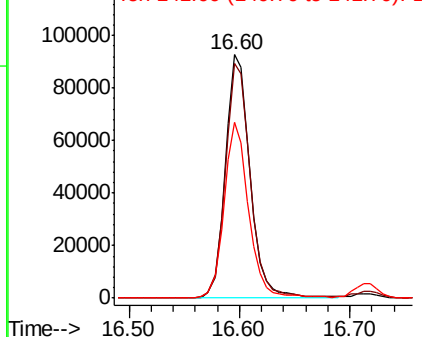


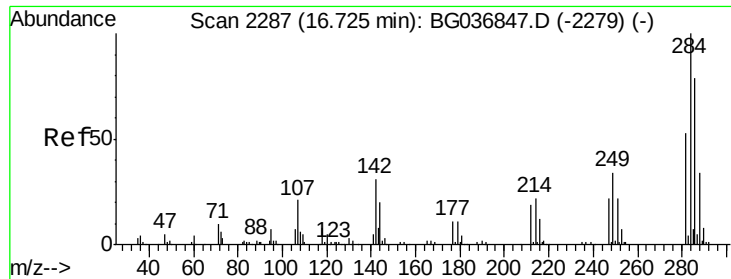
Abundance

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

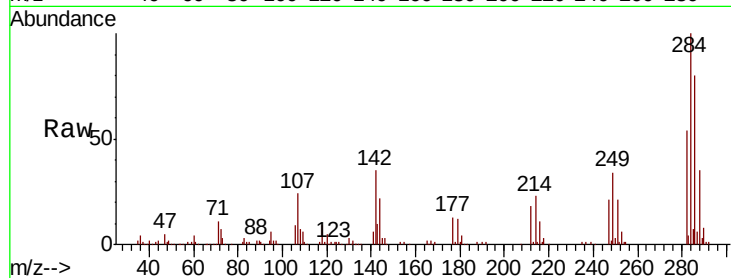




#67
Hexachlorobenzene
Concen: 36.411 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.0	27.8	41.6
249	34.3	27.4	41.2

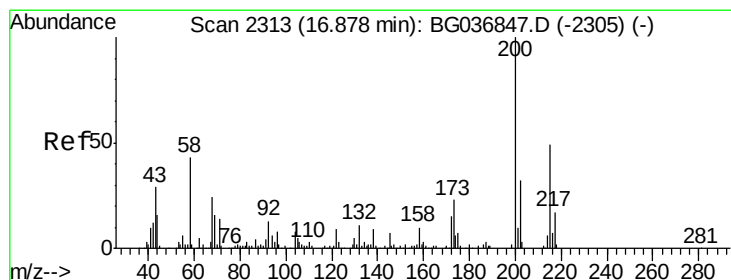
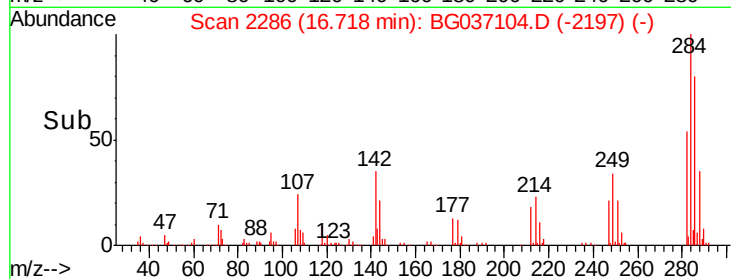
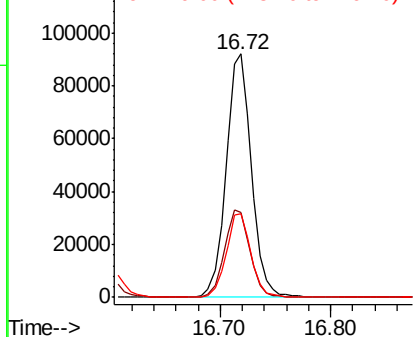


Abundance

Ion 283.80 (283.50 to 284.50): E

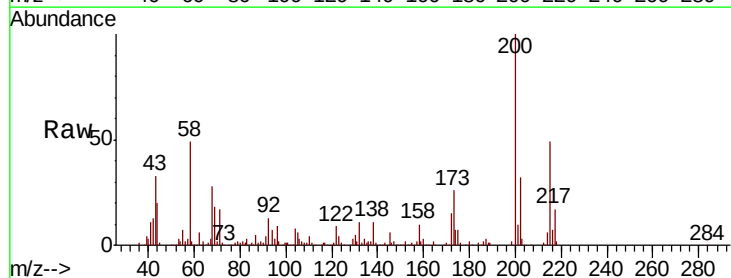
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 41.315 ng
RT: 16.87 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.7	3.9	43.9
215	49.4	30.4	70.4

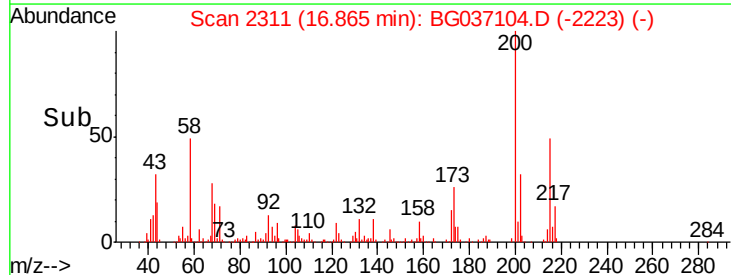
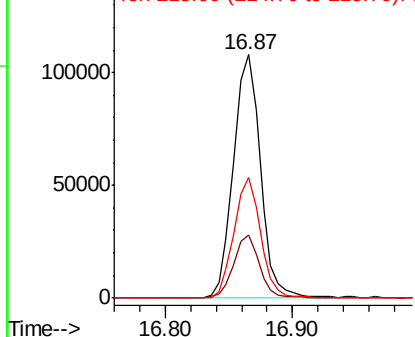


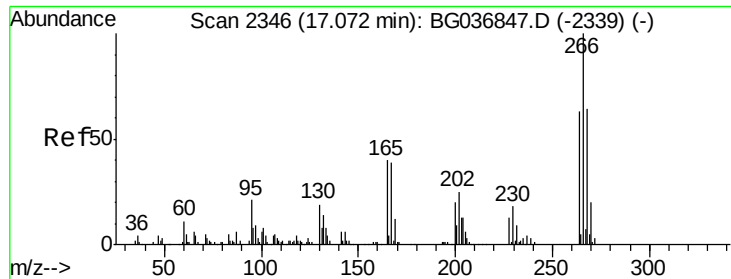
Abundance

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

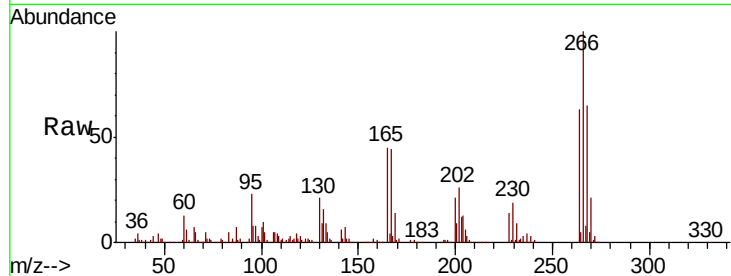




#69
 Pentachlorophenol
 Concen: 65.620 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.4	77.2
264	63.4	48.9	73.3

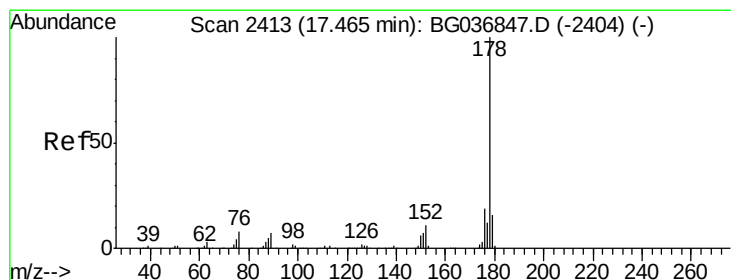
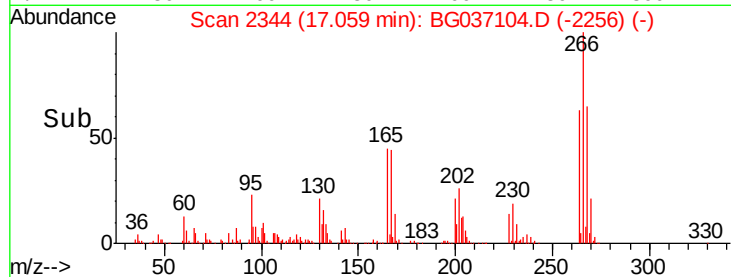
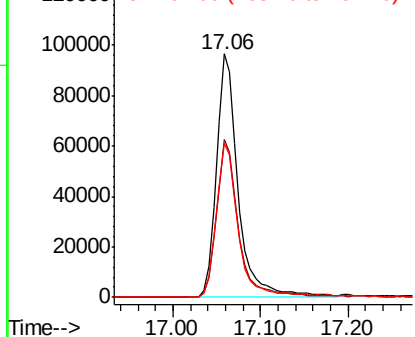


Abundance

Ion 265.70 (265.40 to 266.40): E

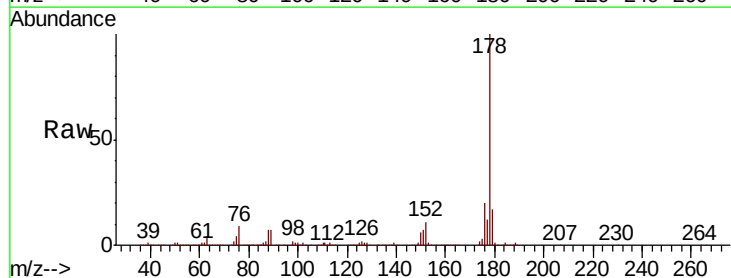
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.164 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.2
179	16.6	13.4	20.2

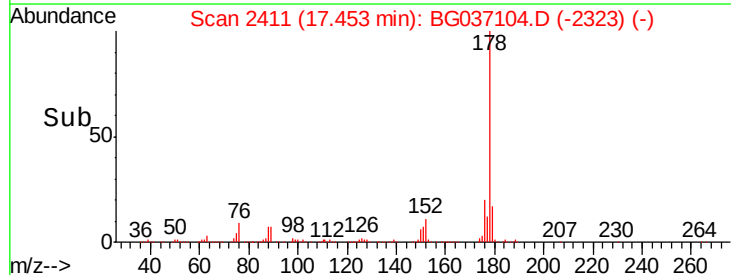
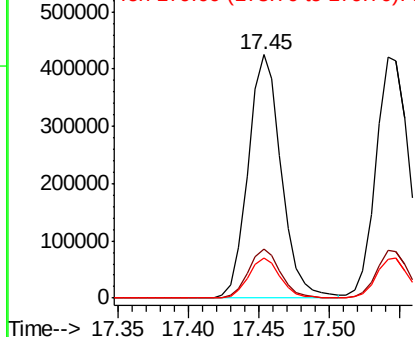


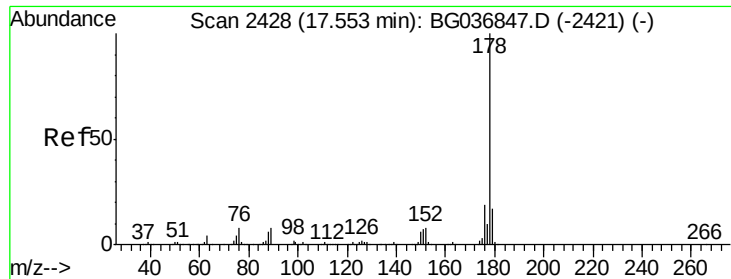
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

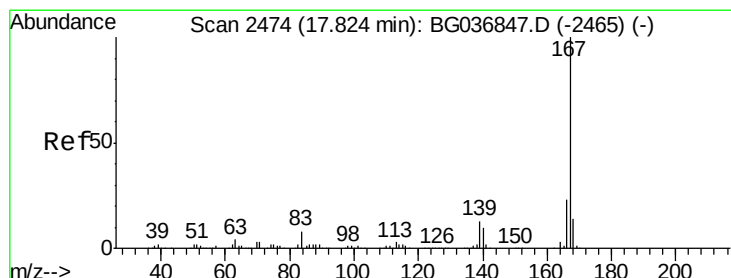
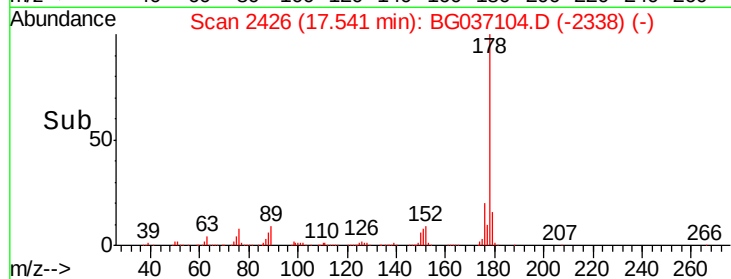
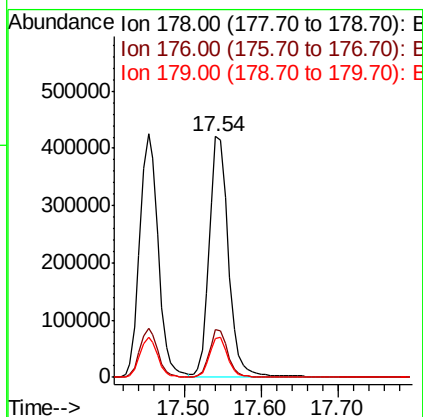
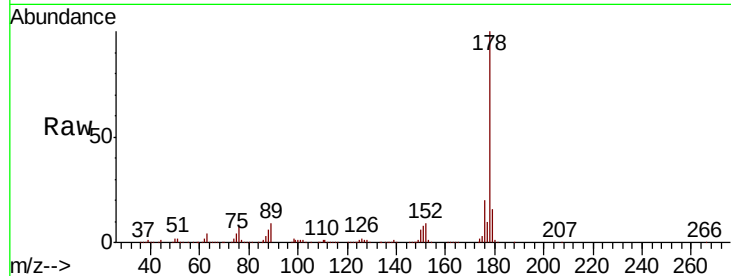




#71
 Anthracene
 Concen: 43.840 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

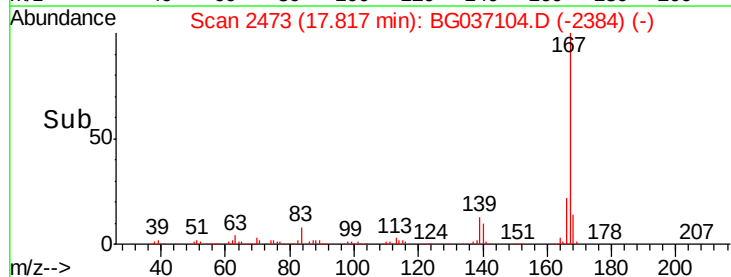
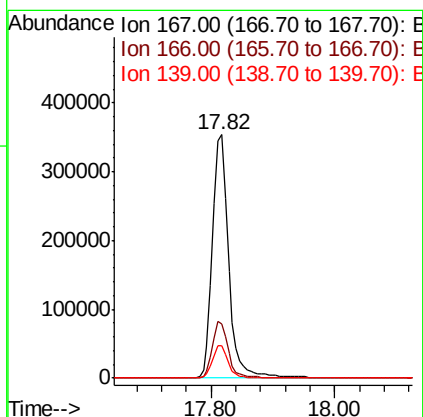
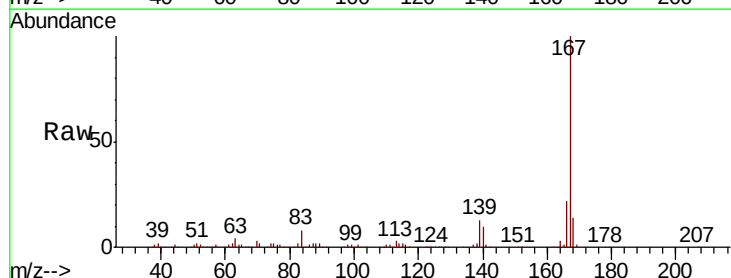
Instrument :
 BNA_G
 ClientSampled :

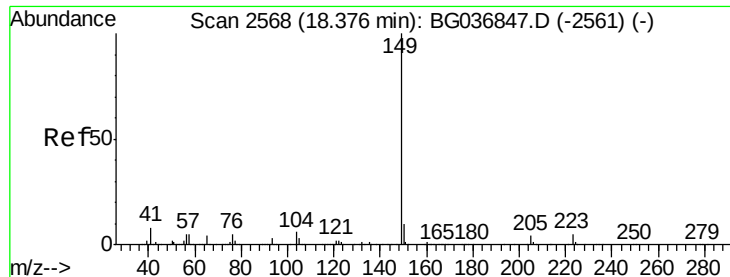
Tot Ion:178 Resp: 720615
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 16.3 13.0 19.4



#72
 Carbazole
 Concen: 39.929 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

Tgt Ion:167 Resp: 639919
 Ion Ratio Lower Upper
 167 100
 166 22.3 19.5 29.3
 139 13.2 10.7 16.1

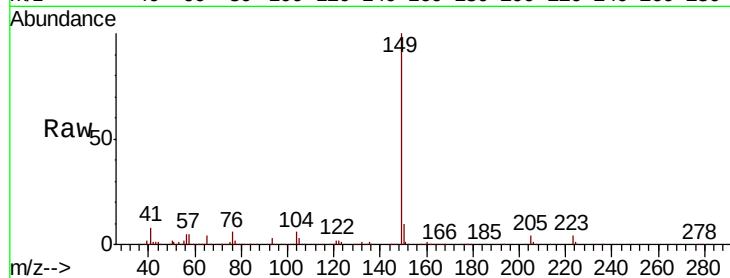




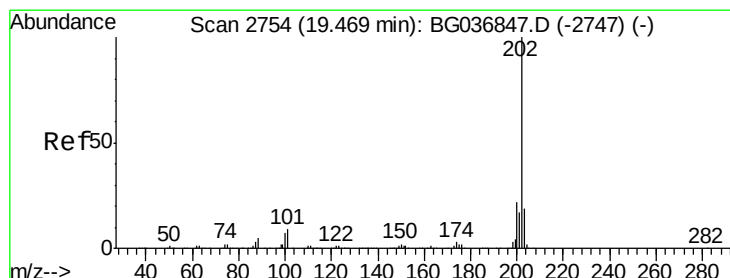
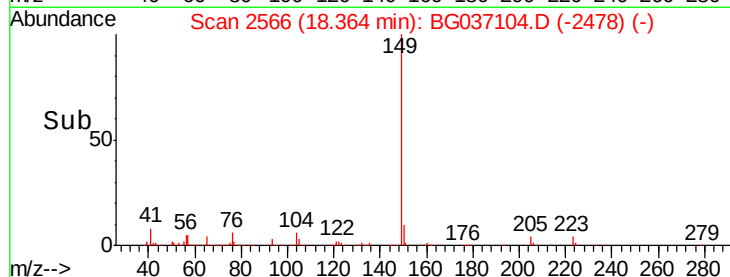
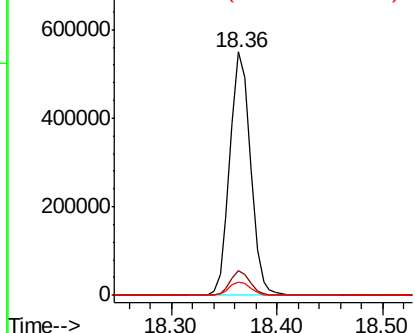
#73
Di-n-butylphthalate
Concen: 41.669 ng
RT: 18.36 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 741617
Ion Ratio Lower Upper
149 100
150 10.0 8.1 12.1
104 5.7 4.6 6.8

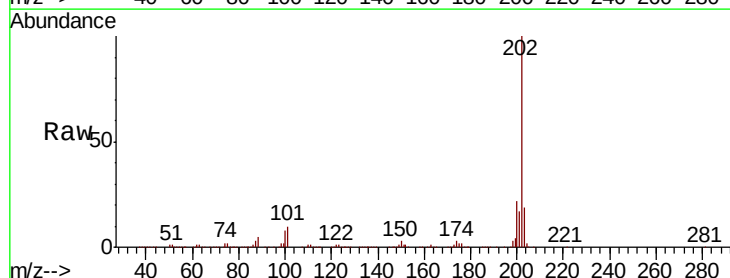


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

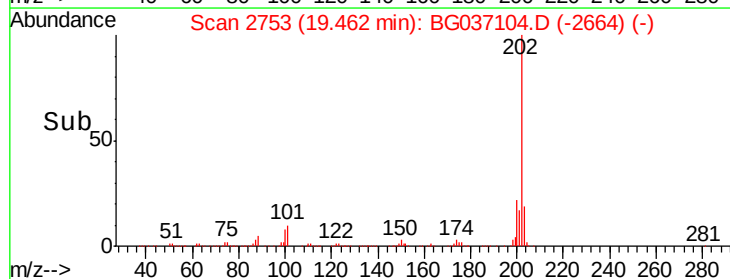
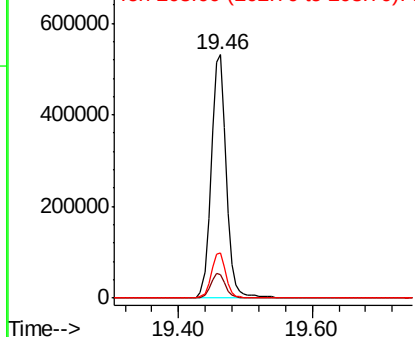


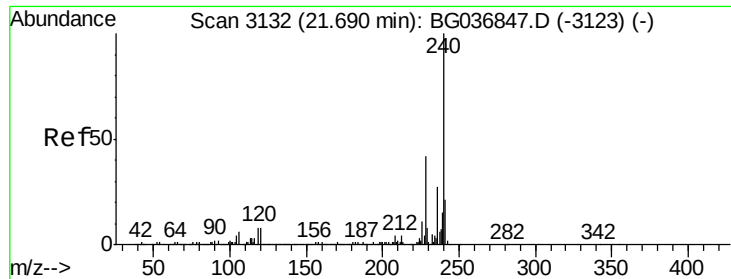
#74
Fluoranthene
Concen: 42.055 ng
RT: 19.46 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Tgt Ion:202 Resp: 841508
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.4
203 18.6 0.0 38.9



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Instrument :

BNA_G

ClientSampleId :

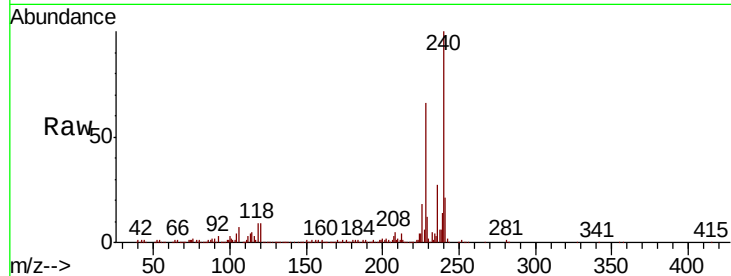
Tot Ion:240 Resp: 340014

Ion Ratio Lower Upper

240 100

120 9.2 6.9 10.3

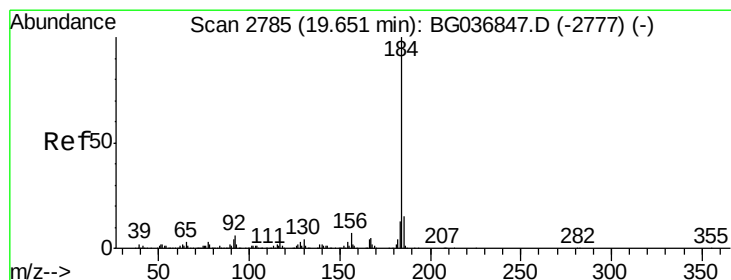
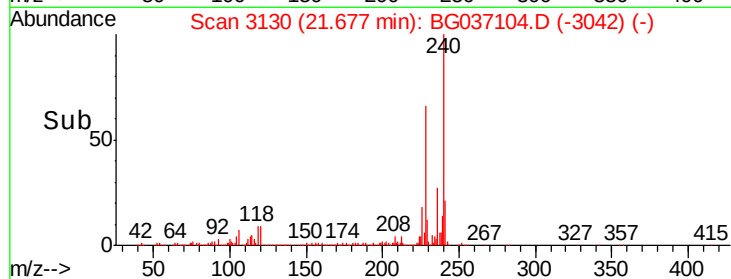
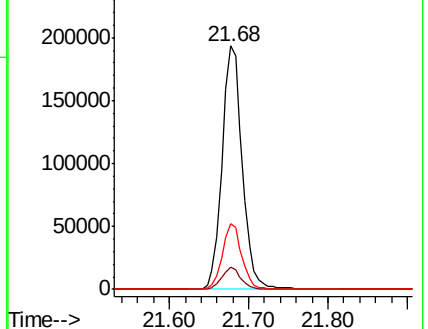
236 27.2 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.511 ng

RT: 19.64 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

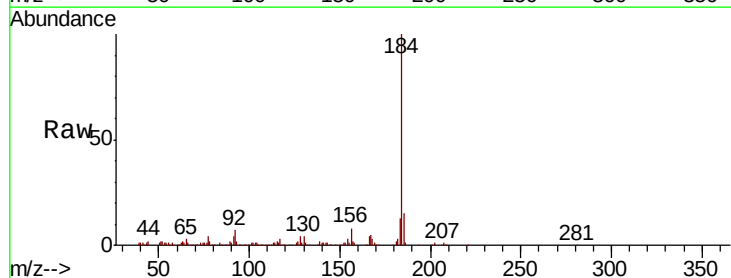
Tgt Ion:184 Resp: 293046

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

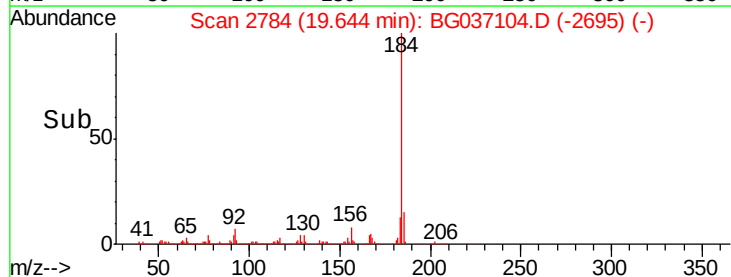
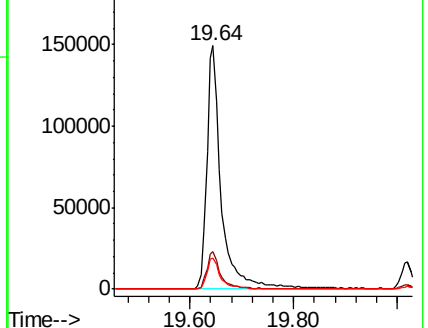
183 12.9 10.9 16.3

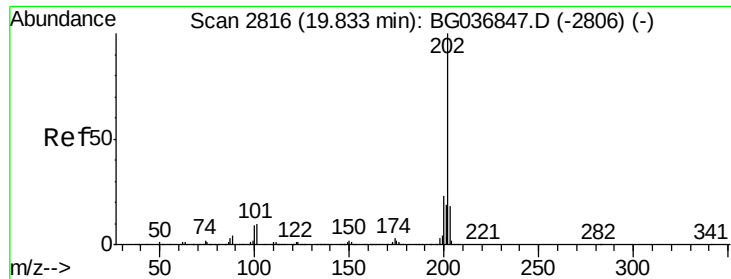


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

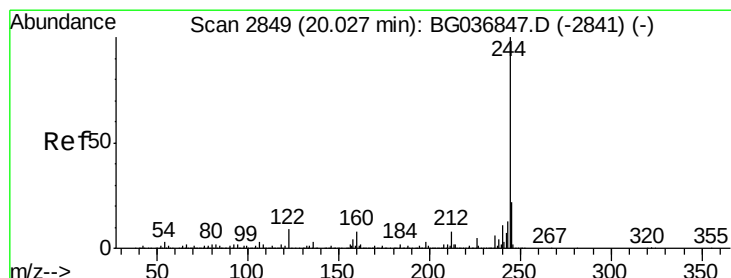
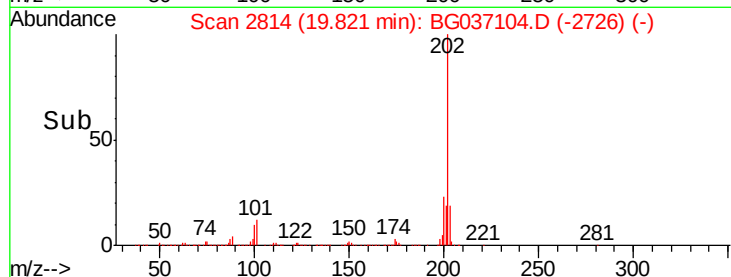
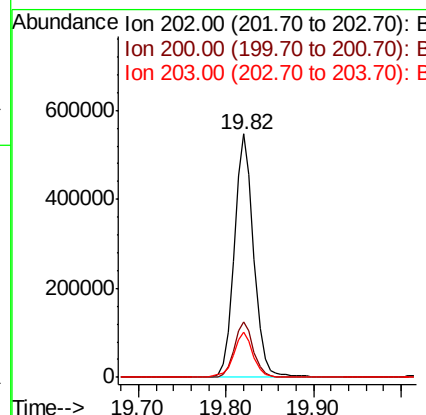
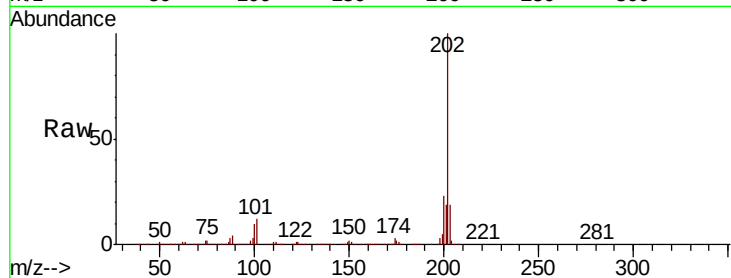




#77
Pvrene
Concen: 40.273 ng
RT: 19.82 min Scan# 2814
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

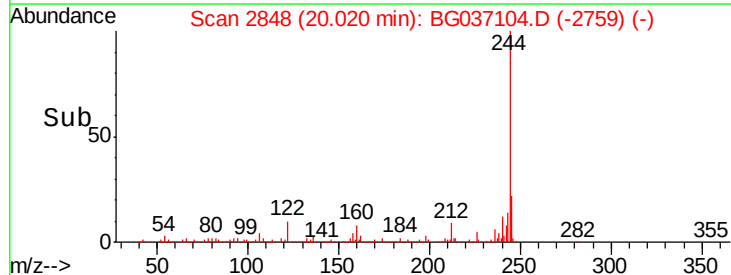
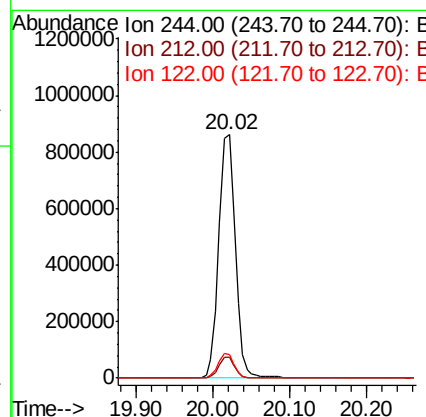
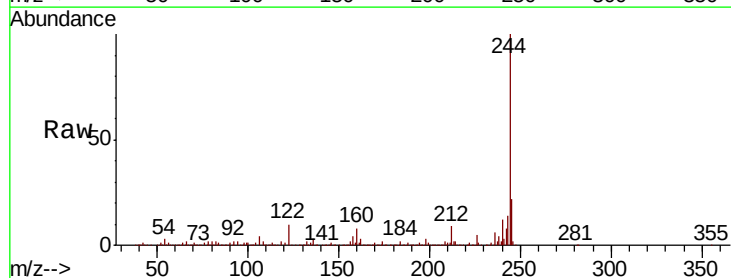
Instrument :
BNA_G
ClientSampleId :

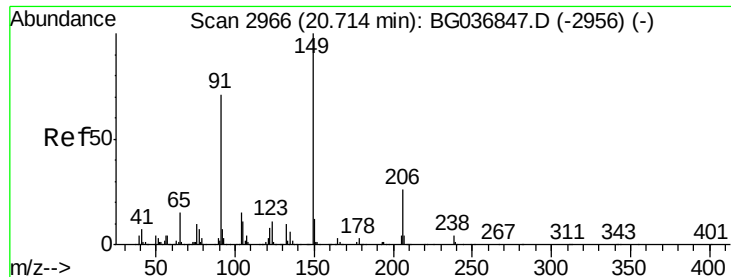
Tot Ion	Ion	Ratio	Lower	Upper
202	100			
200	23.0	18.3	27.5	
203	18.6	15.1	22.7	



#78
Terphenyl-d14
Concen: 99.396 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Tgt Ion	Ion	Ratio	Lower	Upper
244	100			
212	8.8	7.0	10.6	
122	9.9	7.1	10.7	

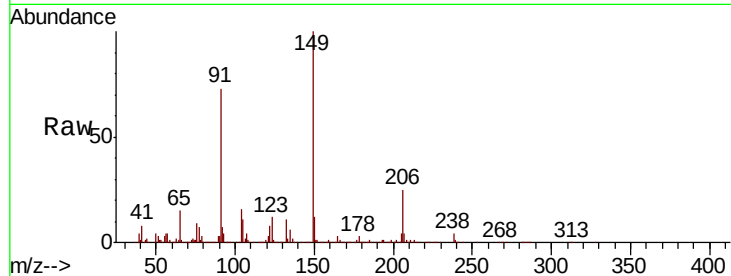




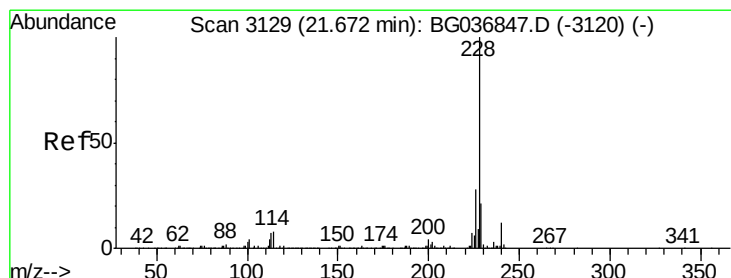
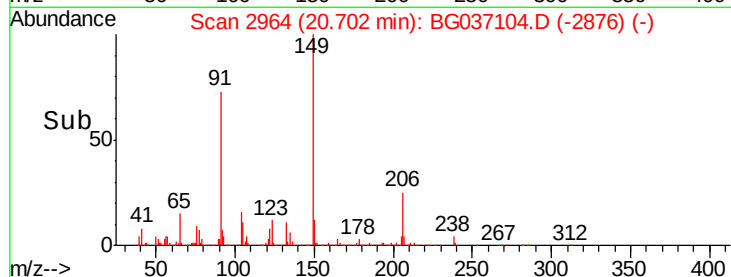
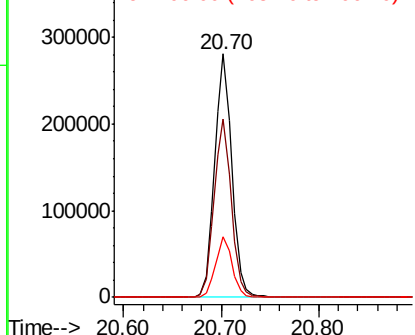
#79
Butylbenzylphthalate
Concen: 42.229 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 343434
Ion Ratio Lower Upper
149 100
91 73.5 62.0 93.0
206 24.8 19.6 29.4

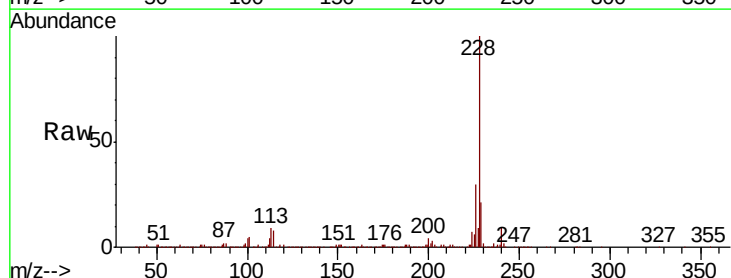


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

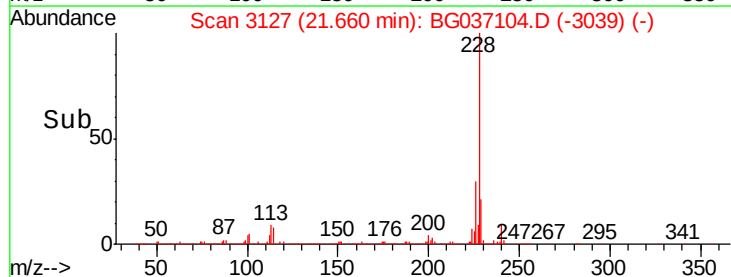
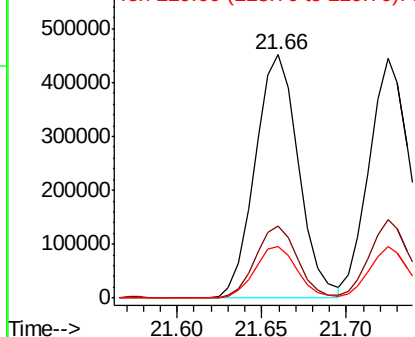


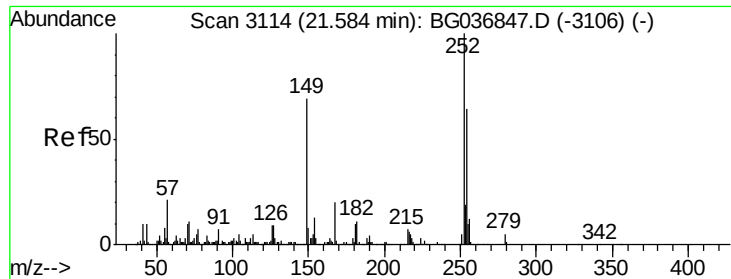
#80
Benzo(a)anthracene
Concen: 40.713 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Tgt Ion:228 Resp: 808071
Ion Ratio Lower Upper
228 100
226 29.6 23.4 35.2
229 21.1 17.1 25.7



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

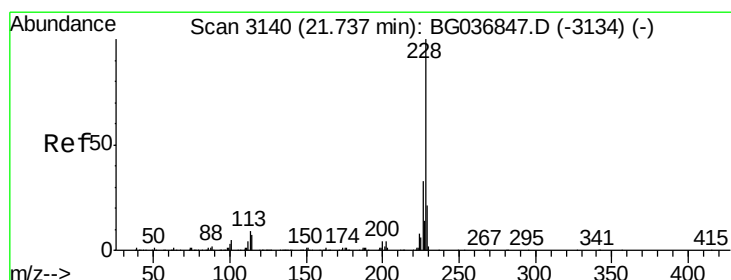
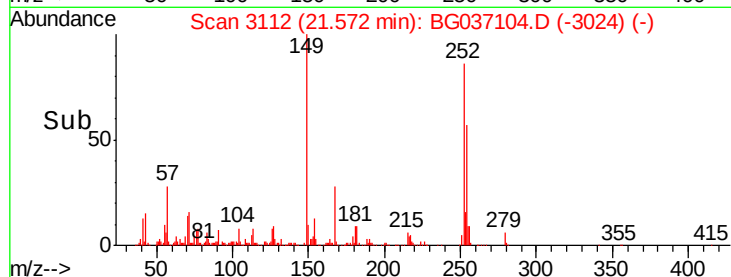
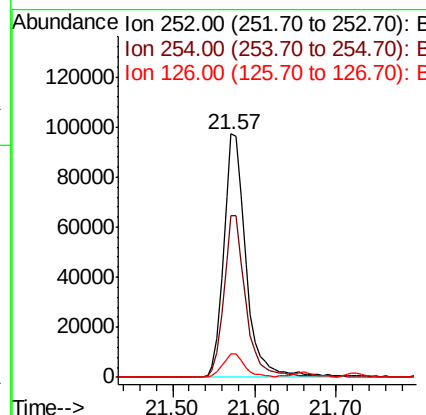
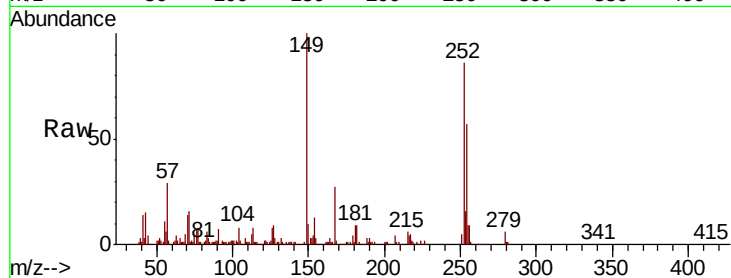




#81
 3,3'-Dichlorobenzidine
 Concen: 24.481 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

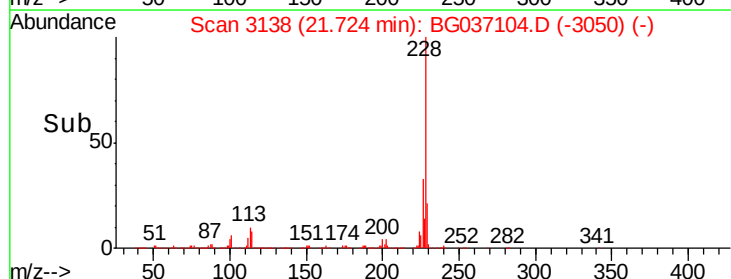
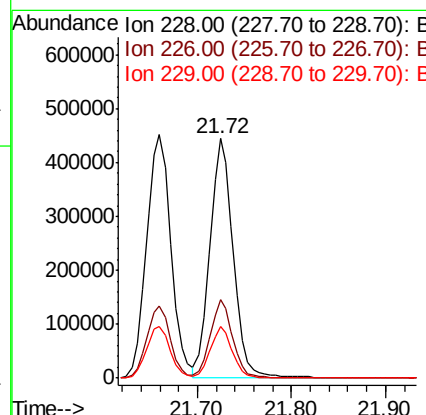
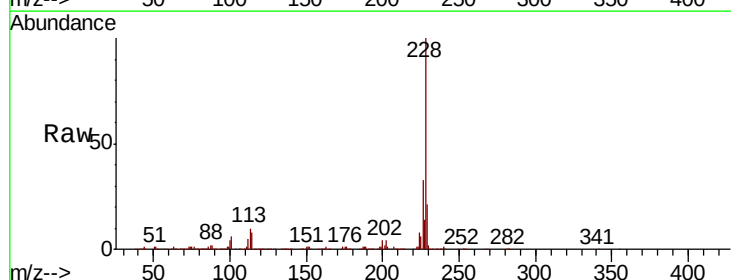
Instrument :
 BNA_G
 ClientSampleId :

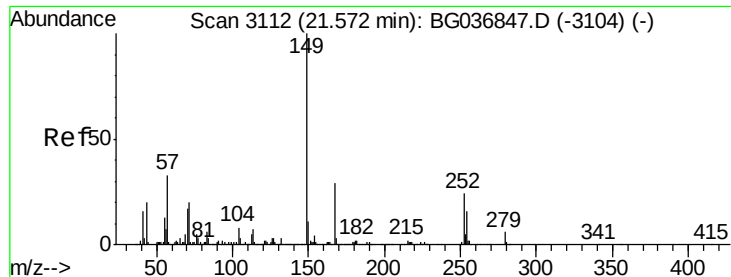
Tot Ion:252 Resp: 184955
 Ion Ratio Lower Upper
 252 100
 254 66.5 51.0 76.4
 126 9.5 7.4 11.0



#82
 Chrysene
 Concen: 40.006 ng
 RT: 21.72 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

Tgt Ion:228 Resp: 767203
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.5 38.3
 229 21.4 16.9 25.3

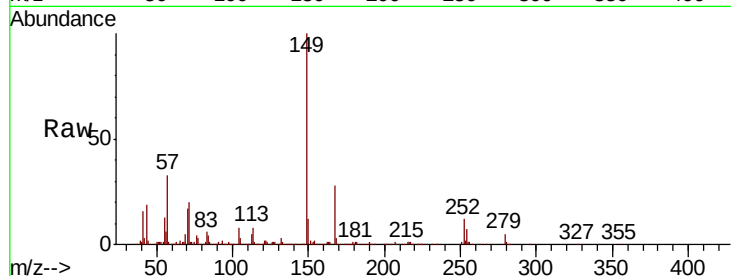




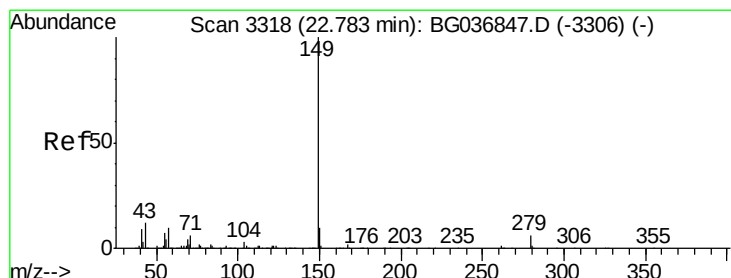
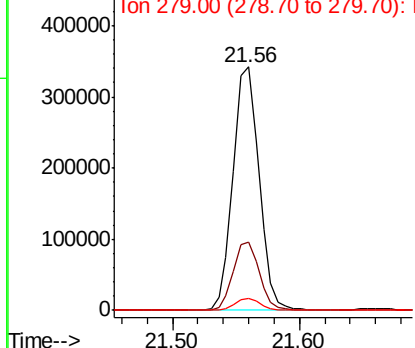
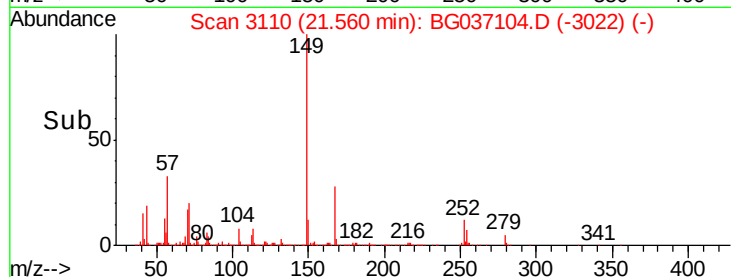
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.778 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.4	35.0
279	5.1	4.6	7.0

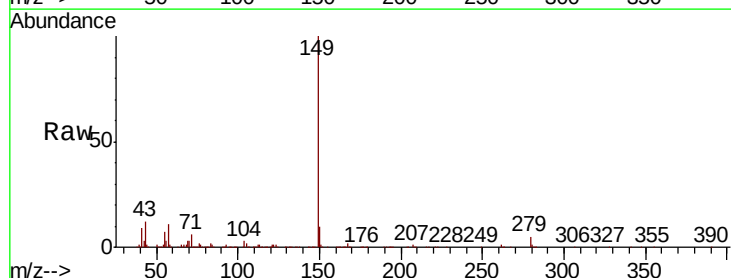


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

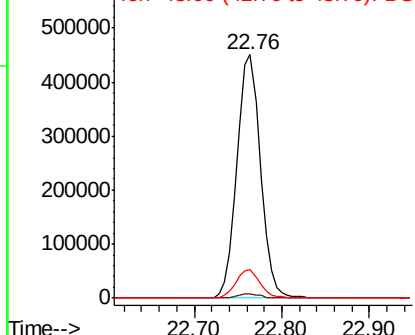
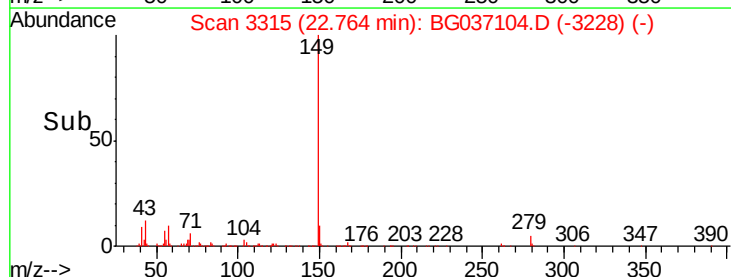


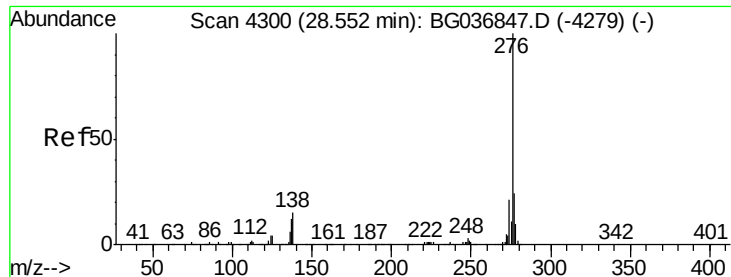
#84
 Di-n-octyl phthalate
 Concen: 43.661 ng
 RT: 22.76 min Scan# 3315
 Delta R.T. -0.02 min
 Lab File: BG037104.D
 Acq: 2 Oct 2018 14:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.7	10.0	15.0



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.178 ng

RT: 28.53 min Scan# 4296

Delta R.T. -0.02 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Instrument :

BNA_G

ClientSampleId :

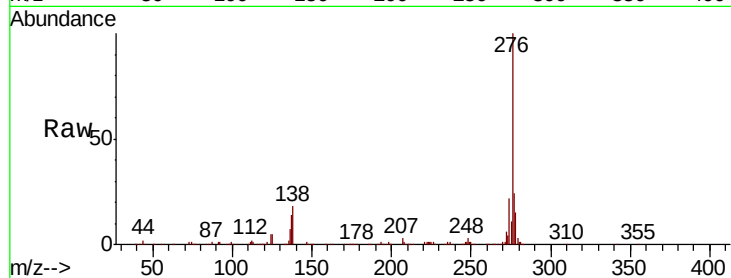
Tot Ion:276 Resp: 889188

Ion Ratio Lower Upper

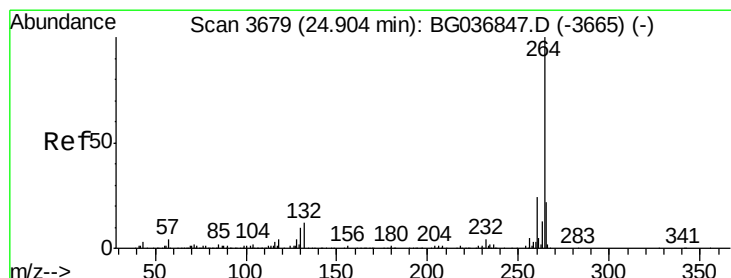
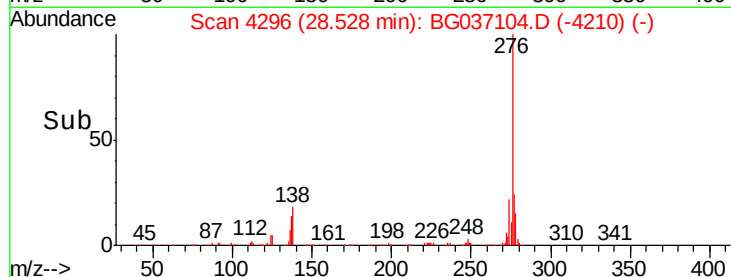
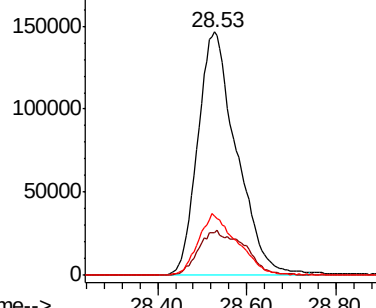
276 100

138 21.8 10.6 15.8#

277 25.4 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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

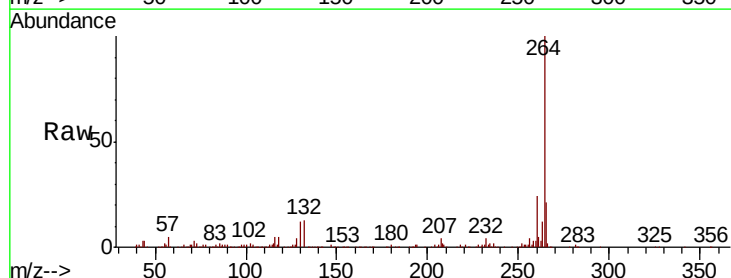
Tgt Ion:264 Resp: 347898

Ion Ratio Lower Upper

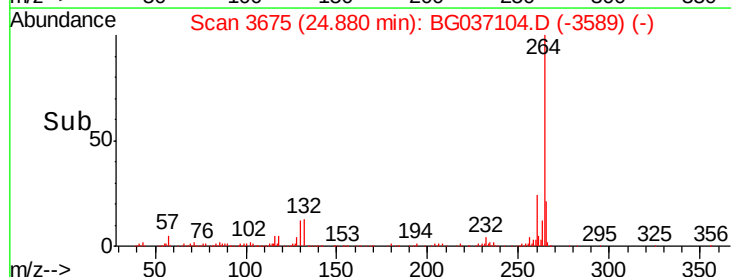
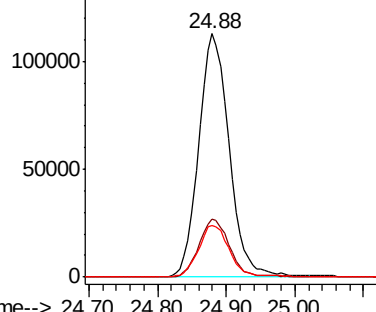
264 100

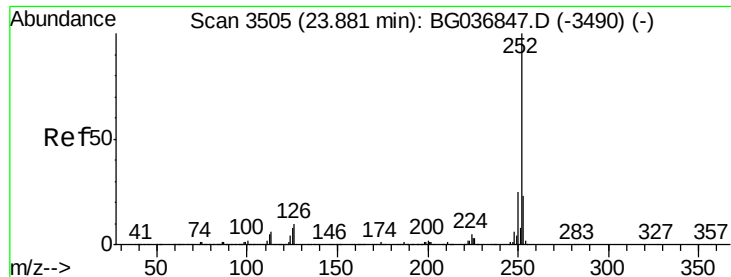
260 23.6 19.6 29.4

265 21.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

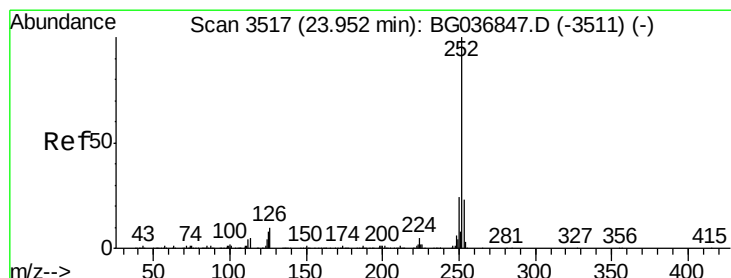
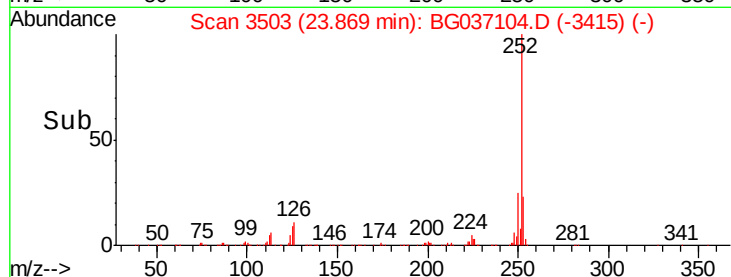
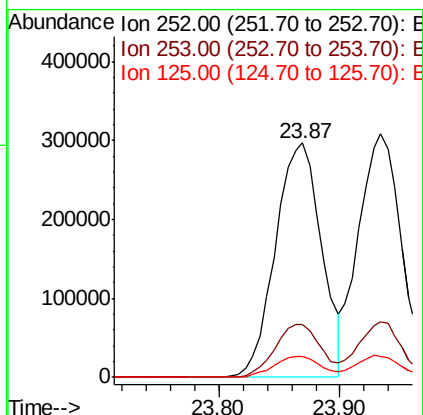
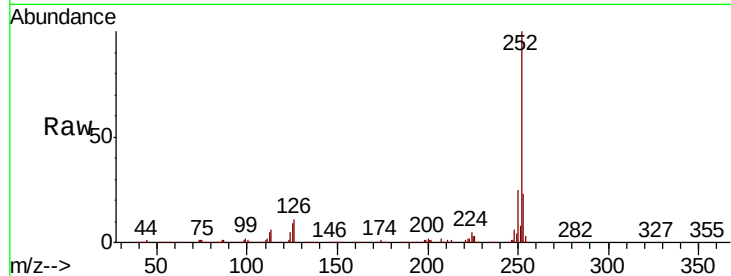




#87
Benzo(b)fluoranthene
Concen: 42.228 ng
RT: 23.87 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

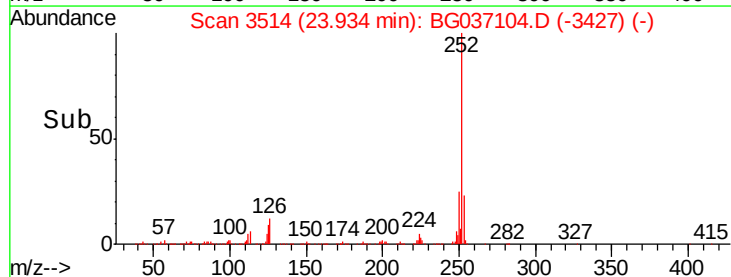
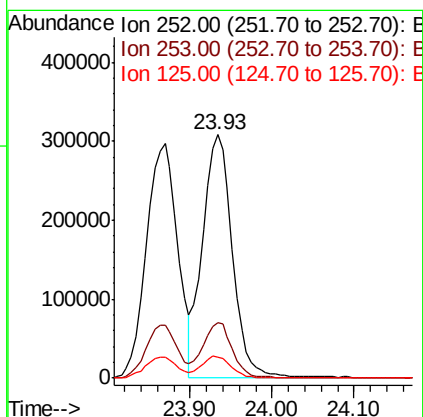
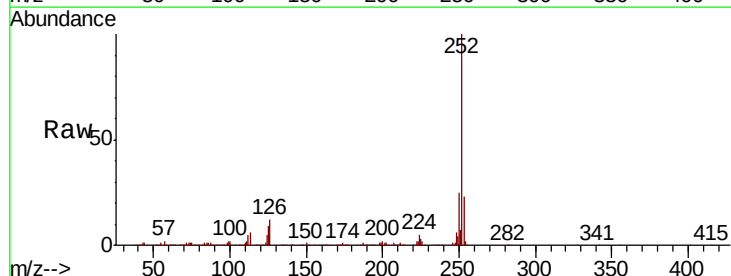
Instrument :
BNA_G
ClientSampleId :

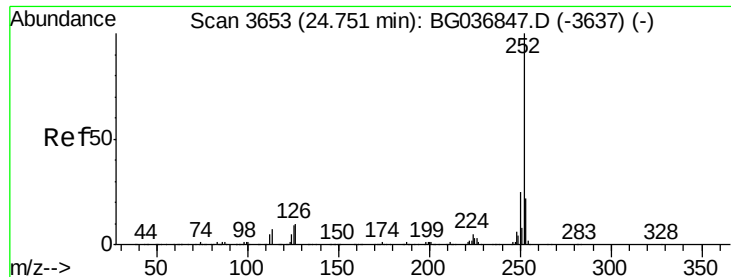
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	9.0	6.6	10.0



#88
Benzo(k)fluoranthene
Concen: 41.796 ng
RT: 23.93 min Scan# 3514
Delta R.T. -0.02 min
Lab File: BG037104.D
Acq: 2 Oct 2018 14:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	8.8	7.0	10.6





#89

Benzo(a)pyrene

Concen: 42.825 ng

RT: 24.73 min Scan# 3650

Delta R.T. -0.02 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Instrument :

BNA_G

ClientSampleId :

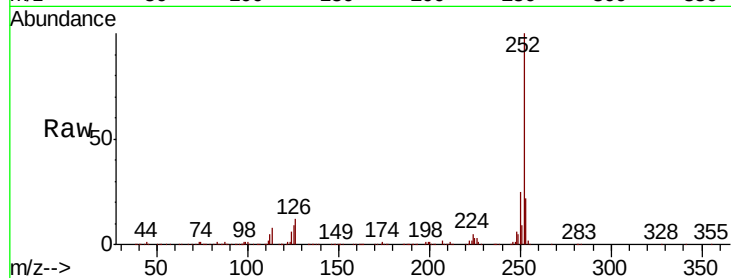
Tot Ion:252 Resp: 767614

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

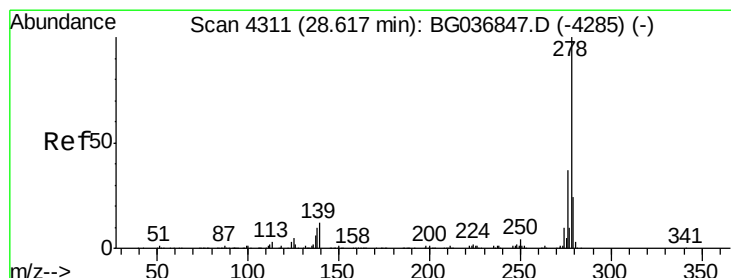
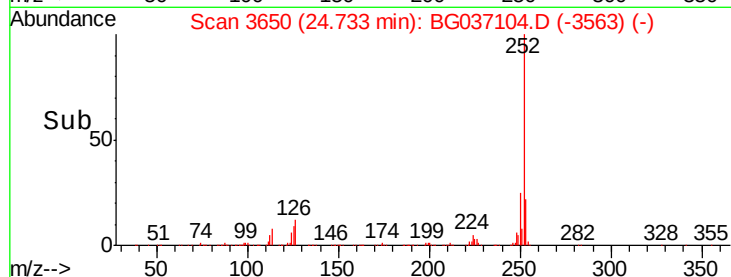
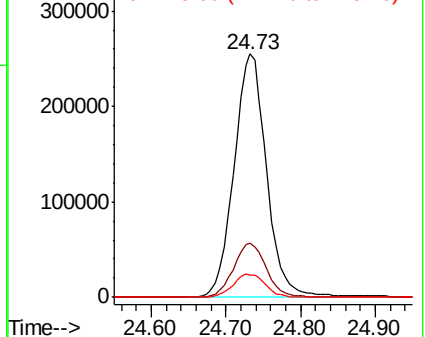
125 9.4 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.232 ng

RT: 28.59 min Scan# 4307

Delta R.T. -0.02 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

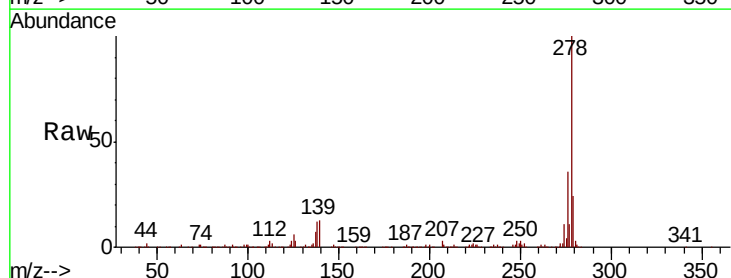
Tgt Ion:278 Resp: 726253

Ion Ratio Lower Upper

278 100

139 13.4 11.0 16.4

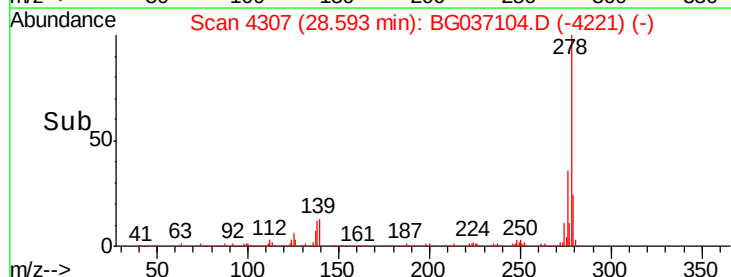
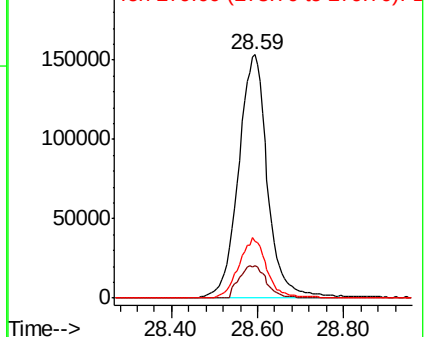
279 23.6 18.7 28.1

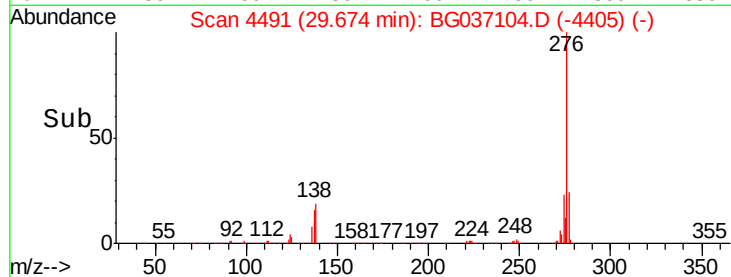
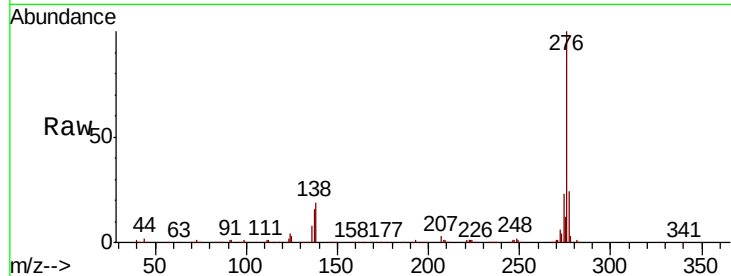
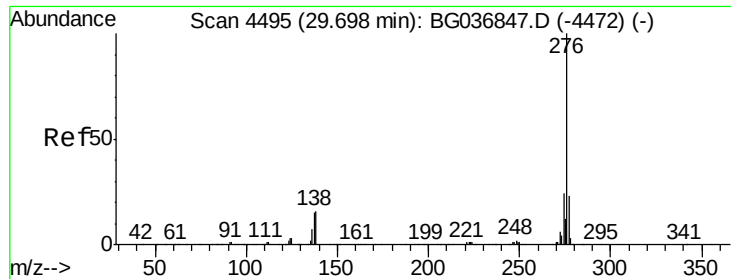


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.254 ng

RT: 29.67 min Scan# 4491

Delta R.T. -0.02 min

Lab File: BG037104.D

Acq: 2 Oct 2018 14:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 746109

Ion Ratio Lower Upper

276 100

277 23.5 18.4 27.6

138 18.5 14.6 22.0

