

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037017.D
 Acq On : 27 Sep 2018 16:39
 Operator : JU/SJ
 Sample : PB113269BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 27 19:03:28 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	42497	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	183483	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	115576	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	310037	20.00	ng	0.00
75) Chrysene-d12	21.68	240	314036	20.00	ng	-0.01
86) Perylene-d12	24.88	264	310833	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	293594	132.49	ng	0.00
7) Phenol-d6	7.20	99	402129	117.29	ng	-0.01
23) Nitrobenzene-d5	9.21	82	248489	72.52	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	161314	116.66	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	553088	71.27	ng	-0.01
78) Terphenyl-d14	20.02	244	978993	81.97	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	44273	43.663	ng	95
3) Pyridine	3.91	79	124082	42.381	ng	96
4) n-Nitrosodimethylamine	3.83	42	64082	49.246	ng	# 97
6) Aniline	7.37	93	143889	32.345	ng	98
8) 2-Chlorophenol	7.61	128	119248	46.346	ng	95
9) Benzaldehyde	7.18	77	61552	27.170	ng	96
10) Phenol	7.23	94	163998	46.349	ng	94
11) bis(2-Chloroethyl)ether	7.46	93	124215	37.951	ng	99
12) 1,3-Dichlorobenzene	7.93	146	128039	40.590	ng	98
13) 1,4-Dichlorobenzene	8.08	146	127175	39.396	ng	99
14) 1,2-Dichlorobenzene	8.39	146	123356	39.433	ng	94
15) Benzyl Alcohol	8.28	79	111327	40.019	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	248627	39.567	ng	99
17) 2-Methylphenol	8.48	107	106834	43.346	ng	99
18) Hexachloroethane	9.12	117	48562	40.879	ng	97
19) n-Nitroso-di-n-propylamine	8.84	70	102743	36.024	ng	98
20) 3+4-Methylphenols	8.81	107	147000	42.872	ng	98
22) Acetophenone	8.86	105	179262	41.575	ng	# 99
24) Nitrobenzene	9.25	77	152658	41.721	ng	98
25) Isophorone	9.76	82	288455	46.074	ng	100
26) 2-Nitrophenol	9.96	139	65024	44.584	ng	97
27) 2,4-Dimethylphenol	10.01	122	111665	49.152	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	158785	41.103	ng	97
29) 2,4-Dichlorophenol	10.49	162	121482	46.128	ng	95
30) 1,2,4-Trichlorobenzene	10.71	180	128614	39.024	ng	97
31) Naphthalene	10.90	128	368439	42.202	ng	97
32) Benzoic acid	10.15	122	60683	36.456	ng	95
33) 4-Chloroaniline	11.01	127	102290	25.770	ng	98
34) Hexachlorobutadiene	11.17	225	87062	38.199	ng	97
35) Caprolactam	11.78	113	31612	29.164	ng	97
36) 4-Chloro-3-methylphenol	12.12	107	141475	45.021	ng	98
37) 2-Methylnaphthalene	12.50	142	279900	42.096	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	156635	38.857	ng	99
40) Hexachlorocyclopentadiene	12.84	237	191388	92.315	ng	100

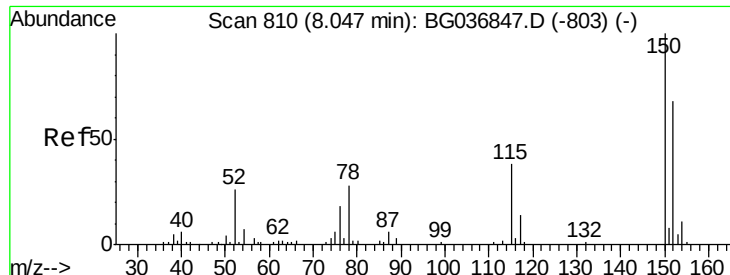
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037017.D
 Acq On : 27 Sep 2018 16:39
 Operator : JU/SJ
 Sample : PB113269BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 27 19:03:28 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)
42) 2,4,6-Trichlorophenol	13.10	196	102145	45.631	ng	97
43) 2,4,5-Trichlorophenol	13.18	196	116145	48.659	ng	99
45) 1,1'-Biphenyl	13.50	154	359090	40.568	ng	98
46) 2-Chloronaphthalene	13.55	162	274397	39.420	ng	100
47) 2-Nitroaniline	13.75	65	111529	46.322	ng	95
48) Acenaphthylene	14.39	152	468146	42.918	ng	99
49) Dimethylphthalate	14.12	163	383807	41.256	ng	100
50) 2,6-Dinitrotoluene	14.24	165	84211	41.488	ng	98
51) Acenaphthene	14.73	154	269257	40.843	ng	99
52) 3-Nitroaniline	14.58	138	67601	31.606	ng	96
53) 2,4-Dinitrophenol	14.78	184	90476	93.667	ng	94
54) Dibenzofuran	15.07	168	447916	40.168	ng	99
55) 4-Nitrophenol	14.89	139	147958	108.283	ng	100
56) 2,4-Dinitrotoluene	15.03	165	124859	44.084	ng	93
57) Fluorene	15.72	166	369784	44.368	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	113849	47.018	ng	98
59) Diethylphthalate	15.48	149	392279	41.807	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	201630	38.200	ng	98
61) 4-Nitroaniline	15.74	138	96073	42.703	ng	97
62) Azobenzene	16.00	77	391707	43.447	ng	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	71957	44.393	ng	97
65) n-Nitrosodiphenylamine	15.92	169	336248	39.285	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	130645	37.047	ng	97
67) Hexachlorobenzene	16.72	284	133473	36.749	ng	98
68) Atrazine	16.87	200	143204	41.320	ng	98
69) Pentachlorophenol	17.06	266	166206	72.682	ng	97
70) Phenanthrene	17.45	178	634777	42.487	ng	99
71) Anthracene	17.55	178	649271	43.949	ng	99
72) Carbazole	17.81	167	590274	40.980	ng	98
73) Di-n-butylphthalate	18.36	149	695669	43.490	ng	98
74) Fluoranthene	19.46	202	794253	44.164	ng	99
76) Benzidine	19.65	184	353115	37.197	ng	97
77) Pyrene	19.82	202	782286	41.512	ng	99
79) Butylbenzylphthalate	20.70	149	324758	43.235	ng	98
80) Benzo(a)anthracene	21.66	228	771829	42.103	ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	204886	29.363	ng	100
82) Chrysene	21.73	228	717211	40.493	ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	450053	42.890	ng	99
84) Di-n-octyl phthalate	22.77	149	749178	43.363	ng	100
85) Indeno(1,2,3-cd)pyrene	28.54	276	831691	43.727	ng	100
87) Benzo(b)fluoranthene	23.87	252	739985	44.671	ng	99
88) Benzo(k)fluoranthene	23.93	252	721051	43.387	ng	98
89) Benzo(a)pyrene	24.73	252	718444	44.862	ng	99
90) Dibenzo(a,h)anthracene	28.60	278	674342	44.929	ng	99
91) Benzo(g,h,i)perylene	29.67	276	691946	45.936	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampled :

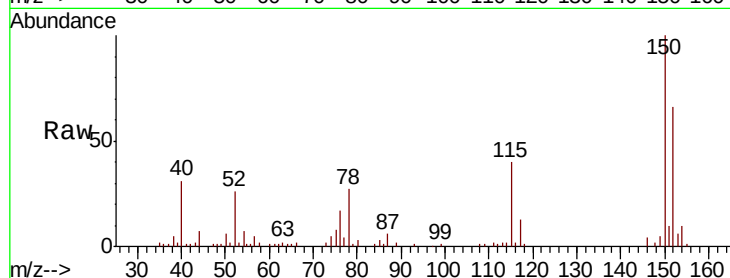
Tot Ion:152 Resp: 42497

Ion Ratio Lower Upper

152 100

150 151.9 119.5 179.3

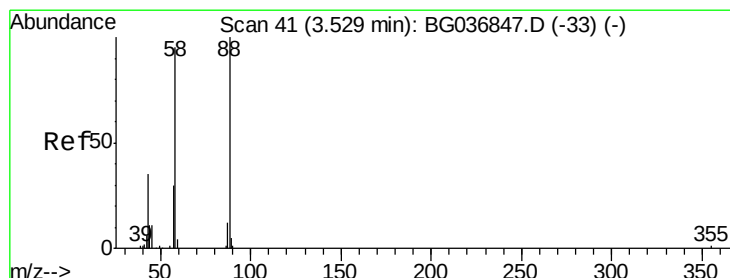
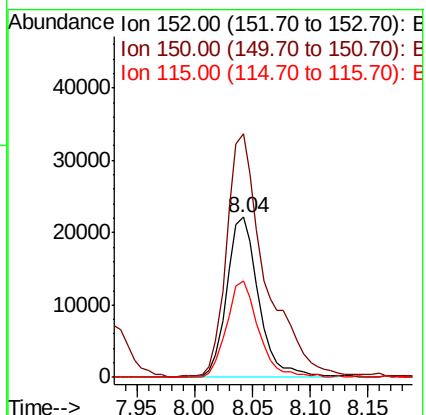
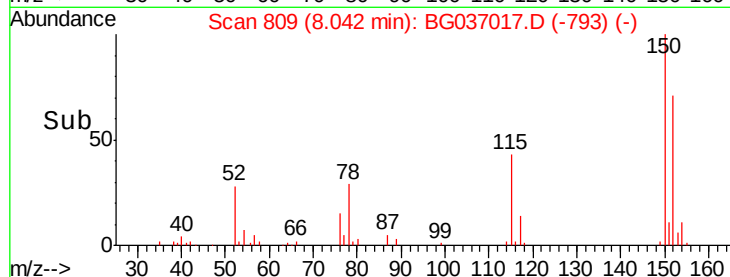
115 60.3 44.5 66.7



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: 43.663 ng

RT: 3.52 min Scan# 39

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

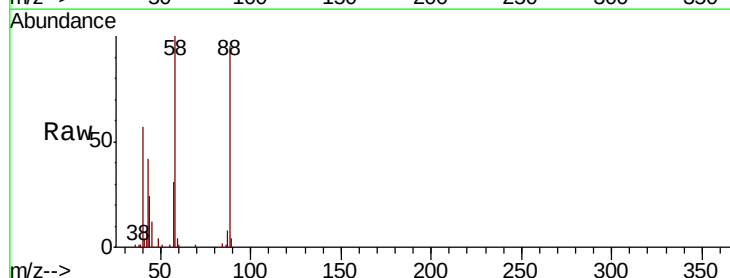
Tgt Ion: 88 Resp: 44273

Ion Ratio Lower Upper

88 100

58 96.3 72.6 109.0

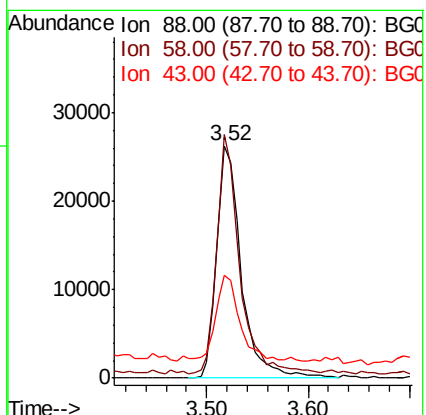
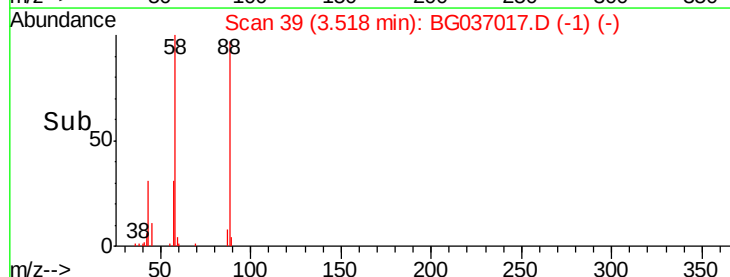
43 34.5 29.0 43.4

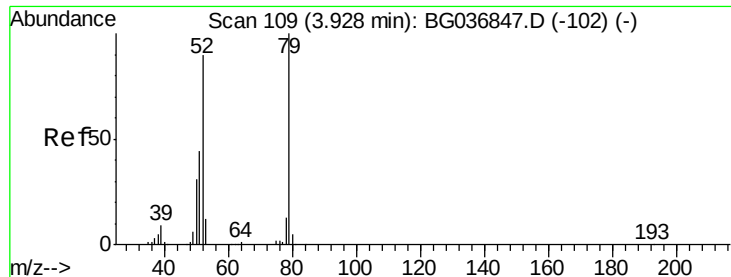


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 42.381 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.02 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampleId :

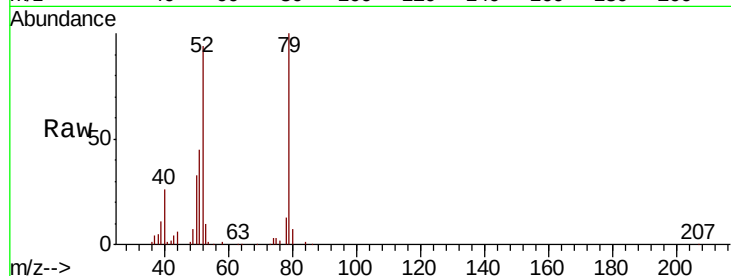
Tot Ion: 79 Resp: 124082

Ion Ratio Lower Upper

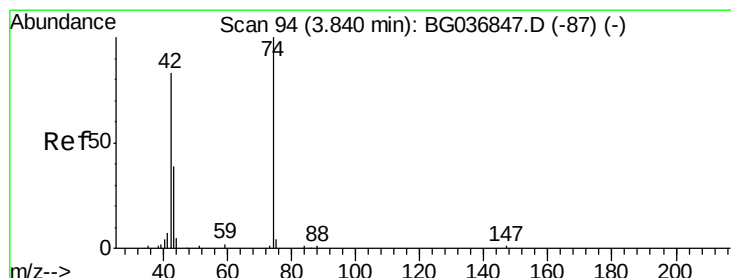
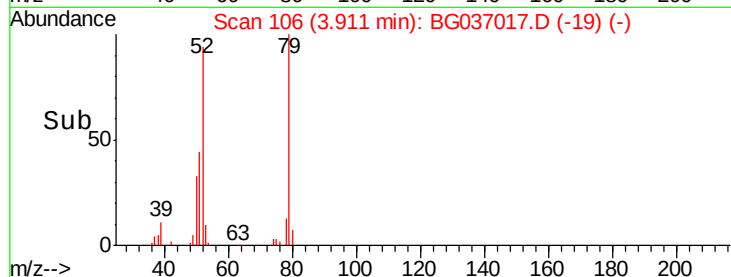
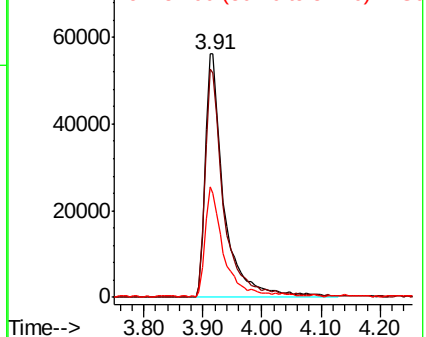
79 100

52 93.6 72.3 108.5

51 45.5 33.8 50.6



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



#4

n-Nitrosodimethylamine

Concen: 49.246 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

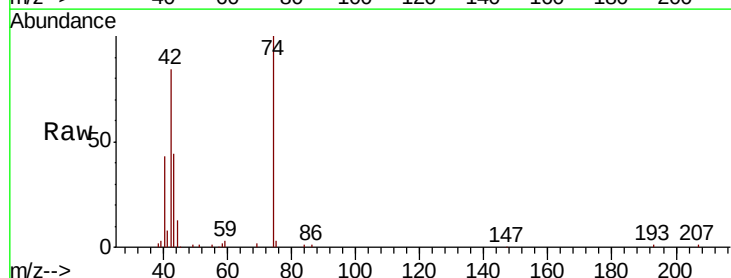
Tgt Ion: 42 Resp: 64082

Ion Ratio Lower Upper

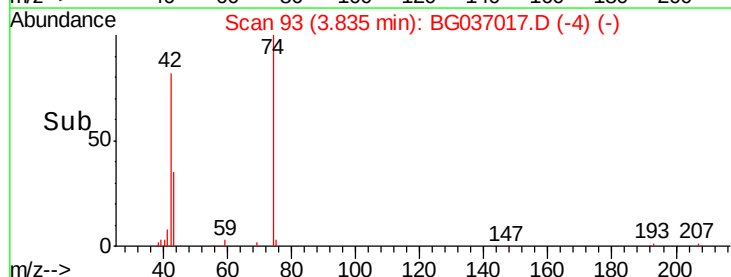
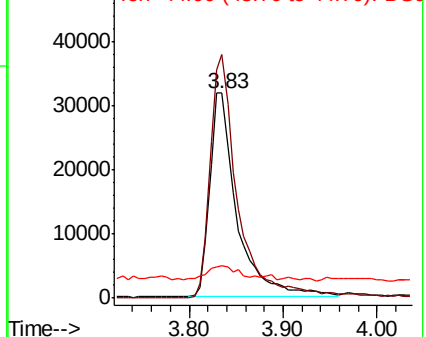
42 100

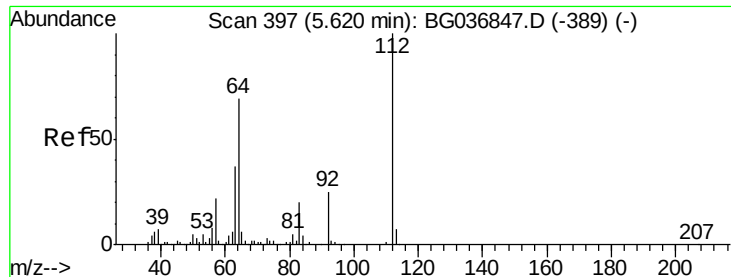
74 118.9 96.6 145.0

44 15.8 7.0 10.4#



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





#5

2-Fluorophenol

Concen: 132.492 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampleId :

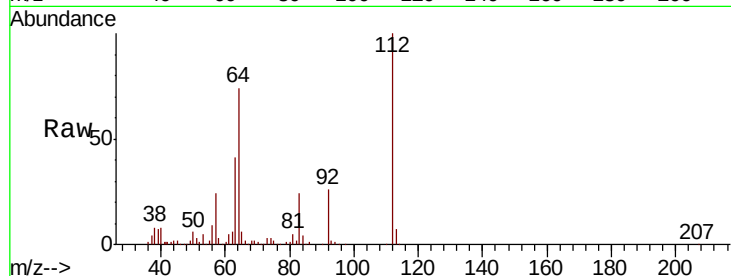
Tot Ion:112 Resp: 293594

Ion Ratio Lower Upper

112 100

64 74.0 57.2 85.8

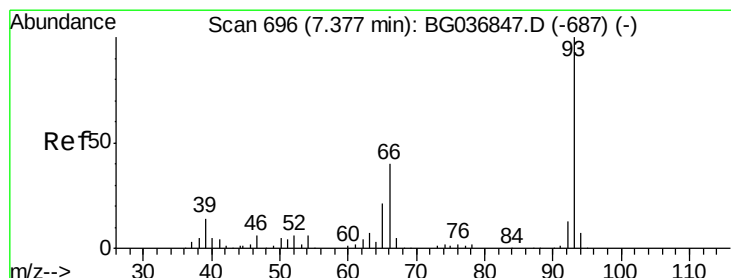
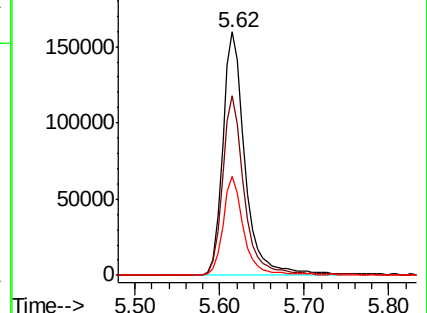
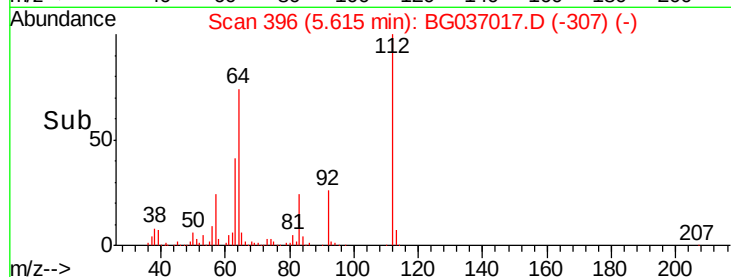
63 40.8 30.8 46.2



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: 32.345 ng

RT: 7.37 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

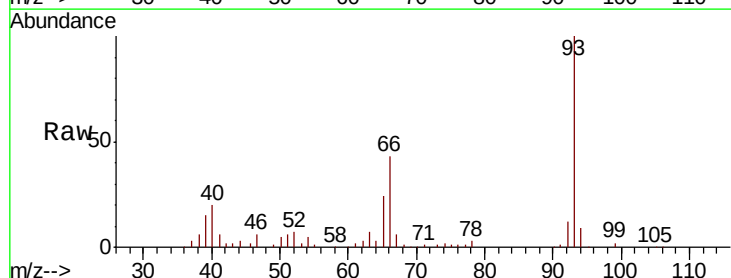
Tgt Ion: 93 Resp: 143889

Ion Ratio Lower Upper

93 100

66 42.5 35.0 52.4

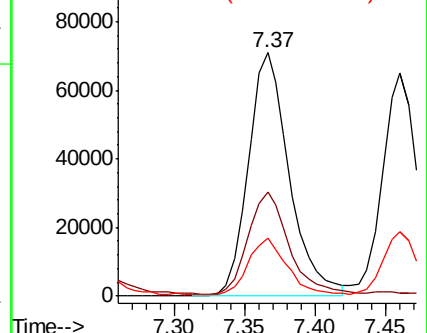
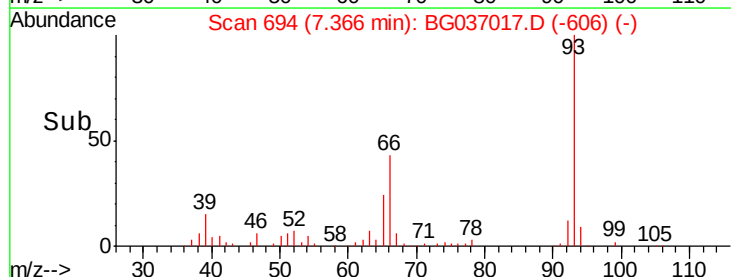
65 23.7 17.6 26.4

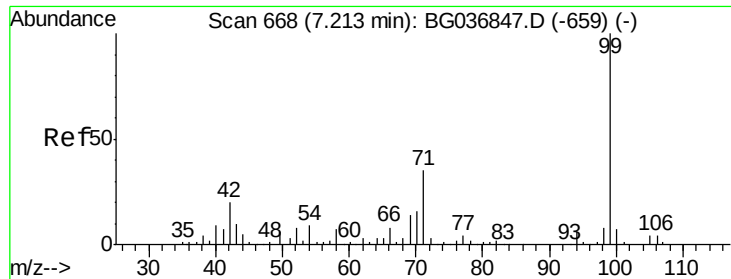


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.292 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

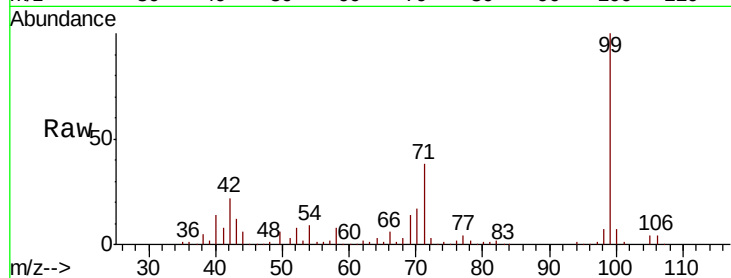
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 402129

Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.5	24.7
71	37.6	29.4	44.2

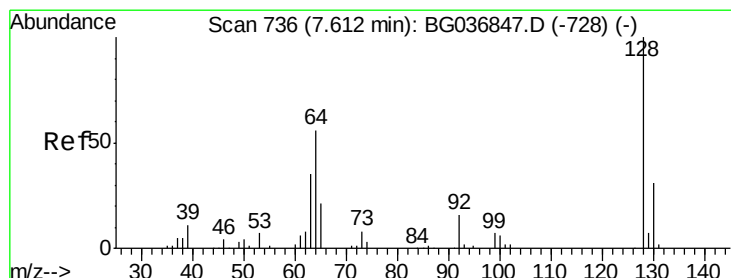
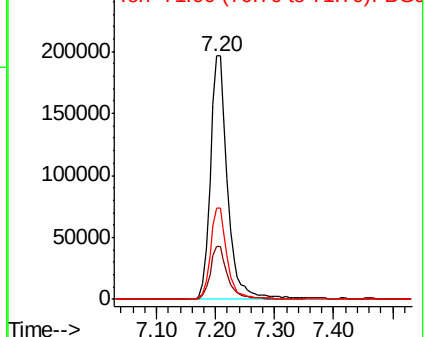
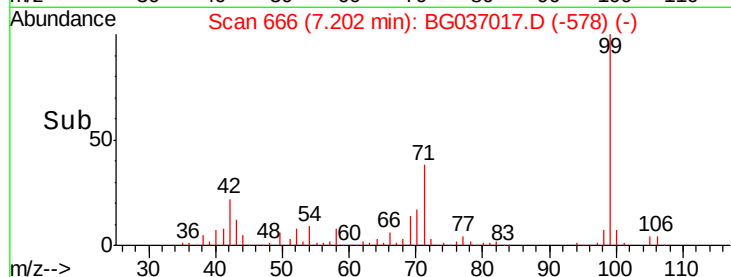


Abundance

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: 46.346 ng

RT: 7.61 min Scan# 735

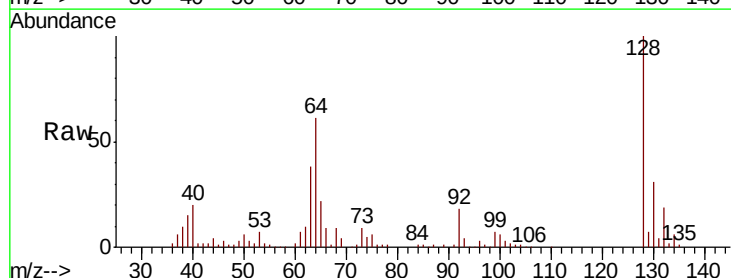
Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Tgt Ion: 128 Resp: 119248

Ion	Ratio	Lower	Upper
128	100		
130	31.3	10.0	50.0
64	61.2	36.0	76.0

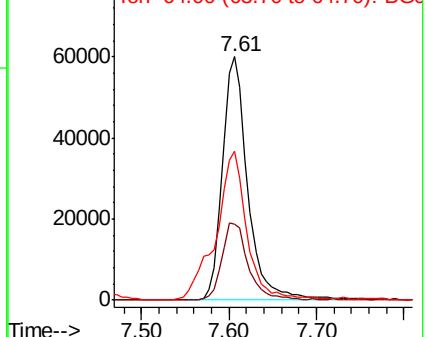
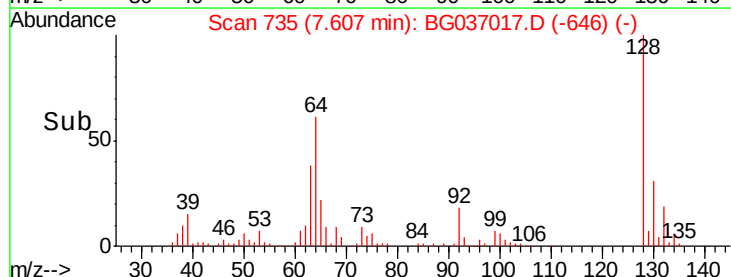


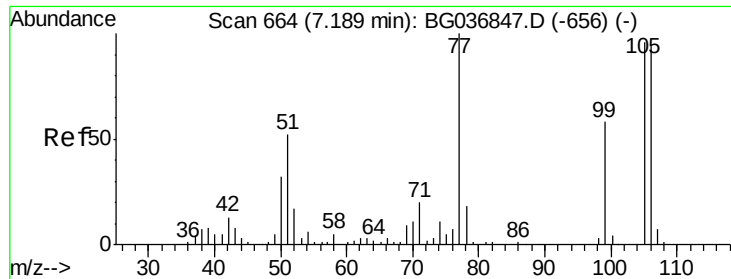
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 27.170 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampled :

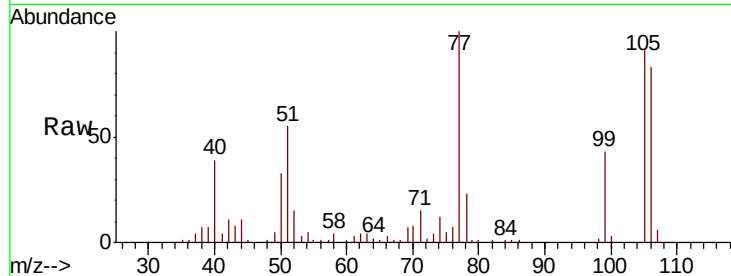
Tot Ion: 77 Resp: 61552

Ion Ratio Lower Upper

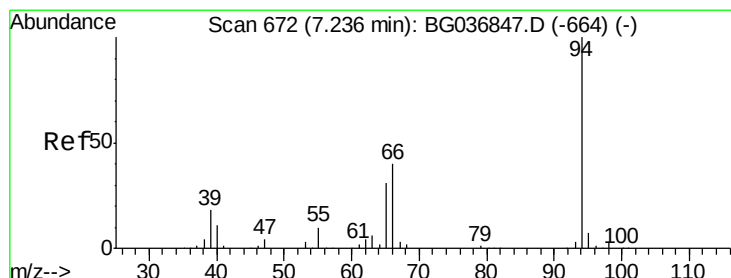
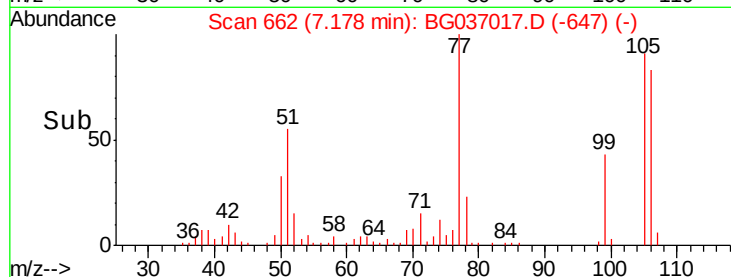
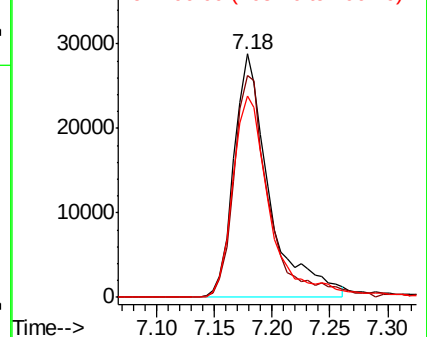
77 100

105 91.0 70.5 110.5

106 82.8 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: 46.349 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

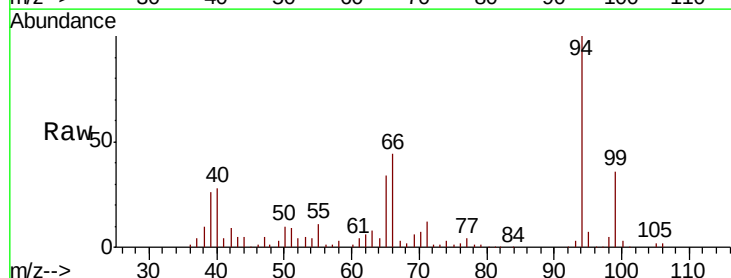
Tgt Ion: 94 Resp: 163998

Ion Ratio Lower Upper

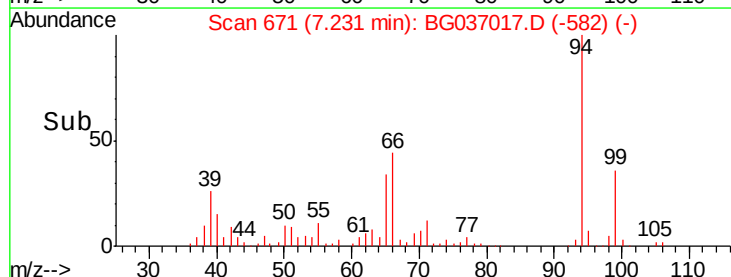
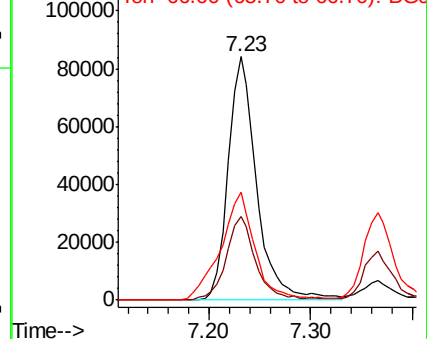
94 100

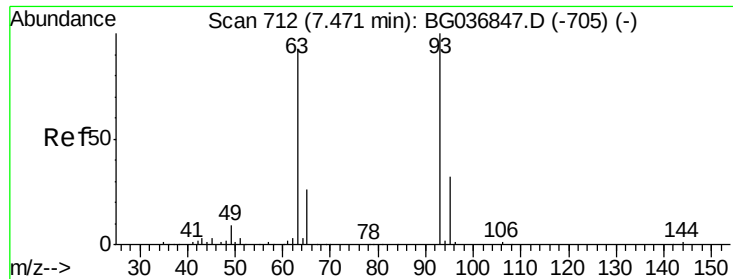
65 34.1 11.5 51.5

66 44.1 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: 37.951 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampleId :

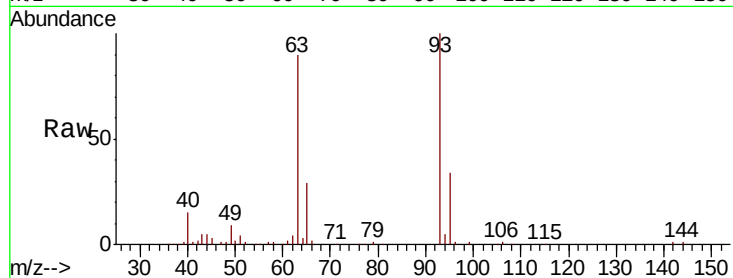
Tot Ion: 93 Resp: 124215

Ion Ratio Lower Upper

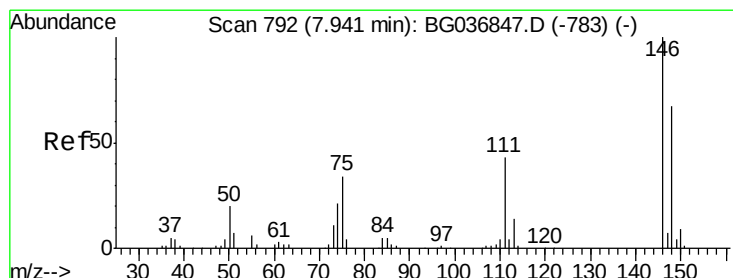
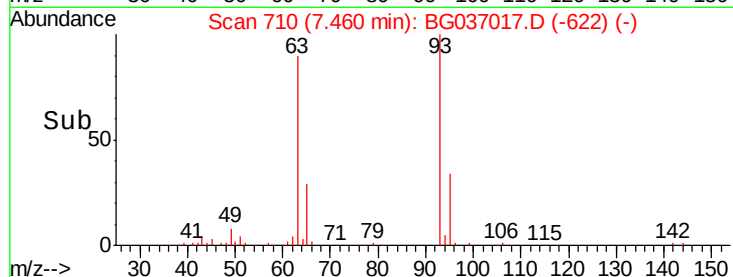
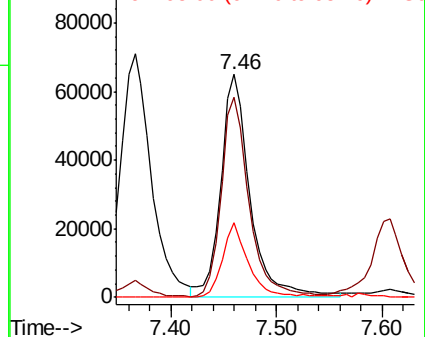
93 100

63 89.8 69.9 109.9

95 33.5 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: 40.590 ng

RT: 7.93 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

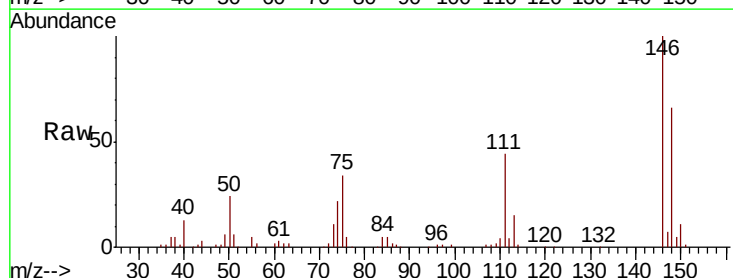
Tgt Ion: 146 Resp: 128039

Ion Ratio Lower Upper

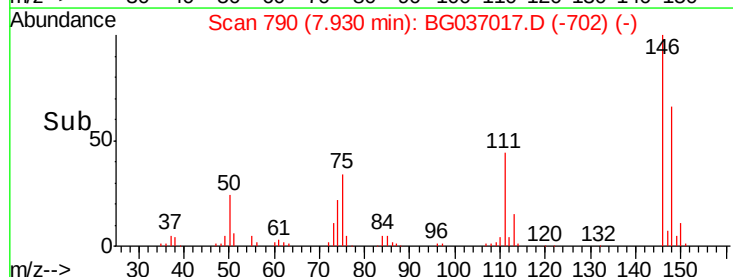
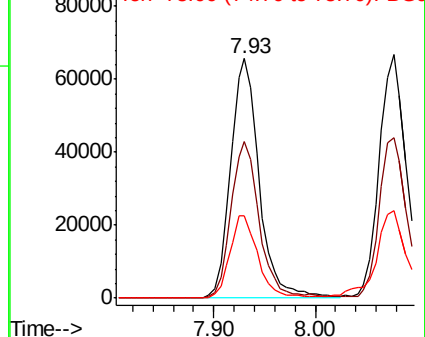
146 100

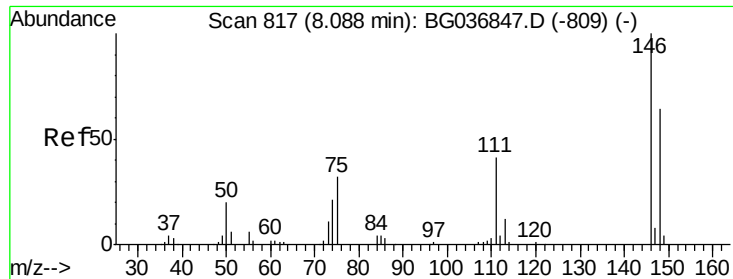
148 65.6 53.8 80.6

75 34.5 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

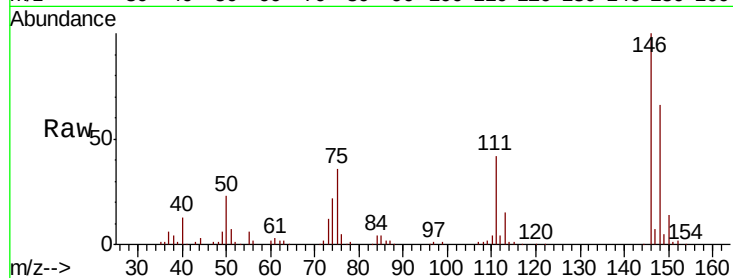




#13
 1,4-Dichlorobenzene
 Concen: 39.396 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	53.9	80.9
111	41.7	33.8	50.6

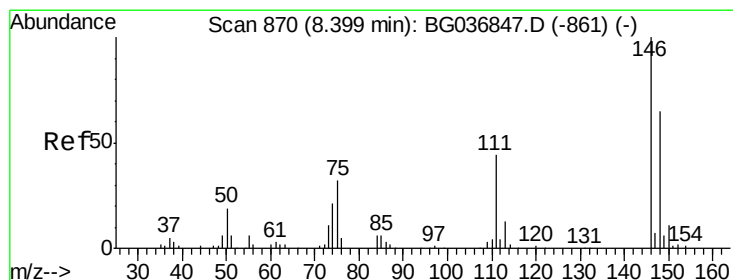
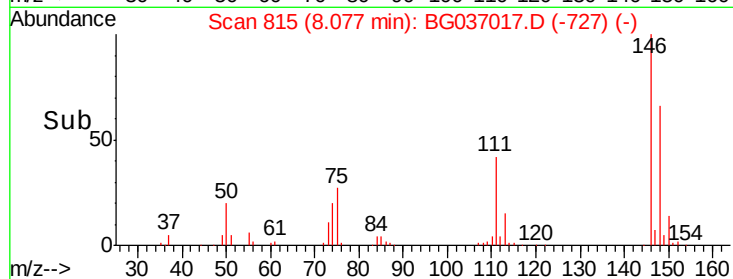
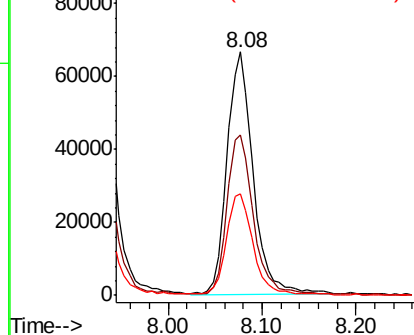


Abundance

Ion 146.00 (145.70 to 146.70): E

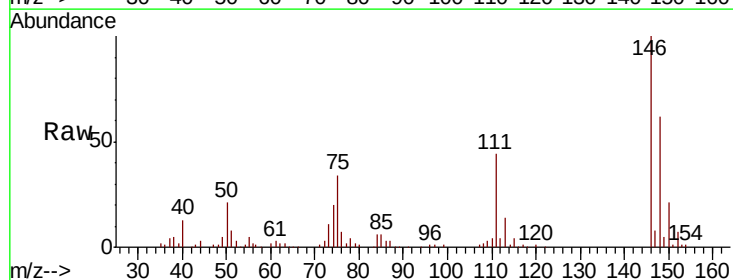
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.433 ng
 RT: 8.39 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	55.0	82.6
111	44.3	34.6	51.8

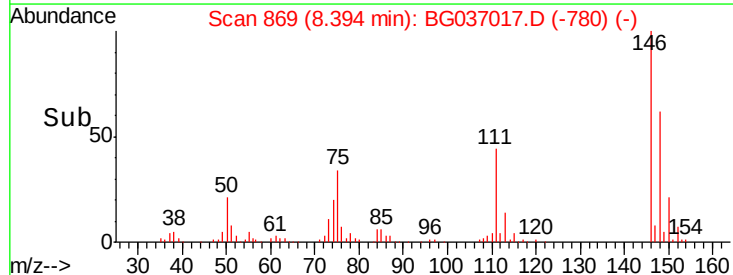
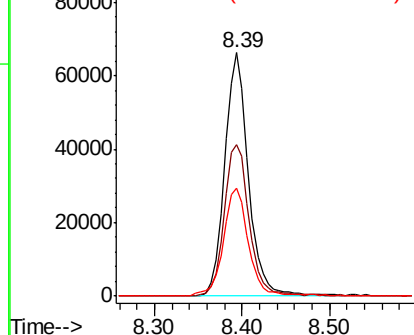


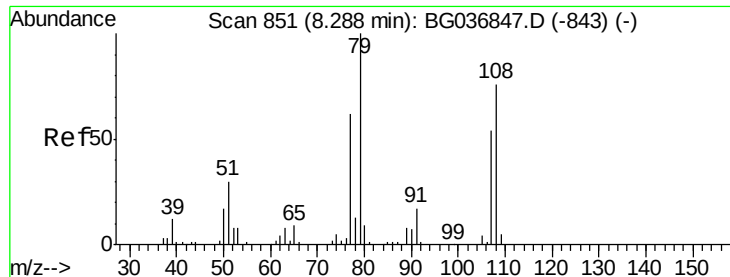
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.019 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampleId :

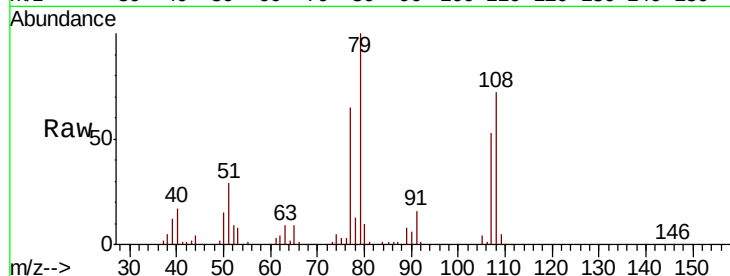
Tot Ion: 79 Resp: 111327

Ion Ratio Lower Upper

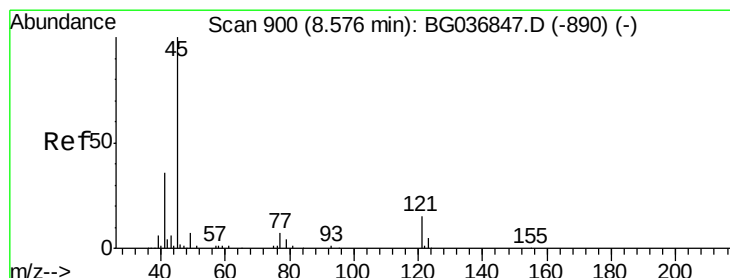
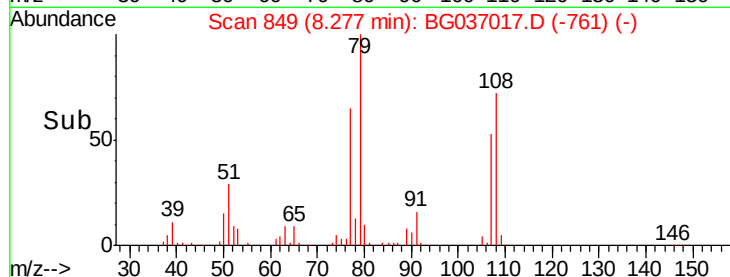
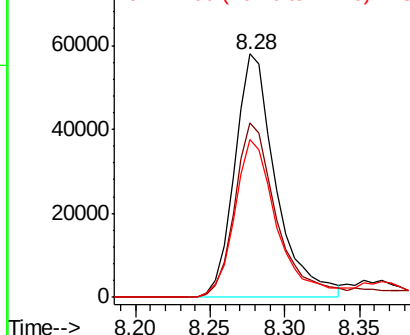
79 100

108 71.7 55.9 83.9

77 64.9 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: 39.567 ng

RT: 8.56 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

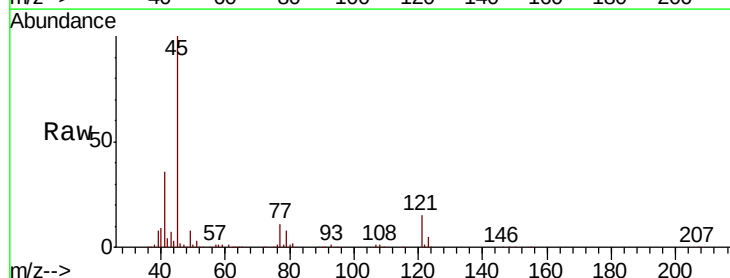
Tgt Ion: 45 Resp: 248627

Ion Ratio Lower Upper

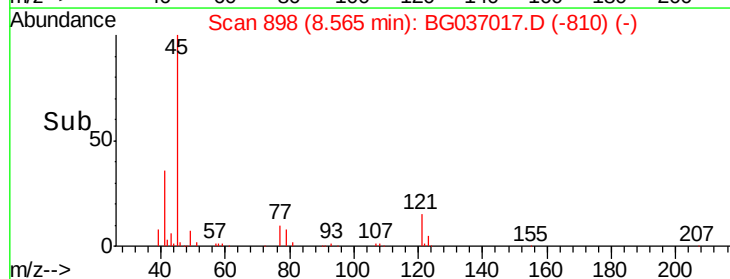
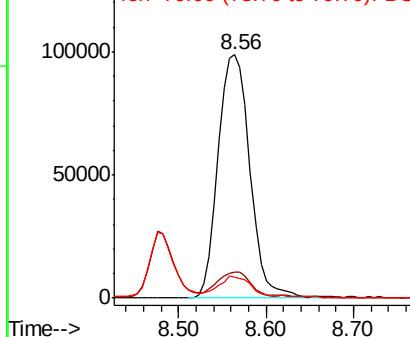
45 100

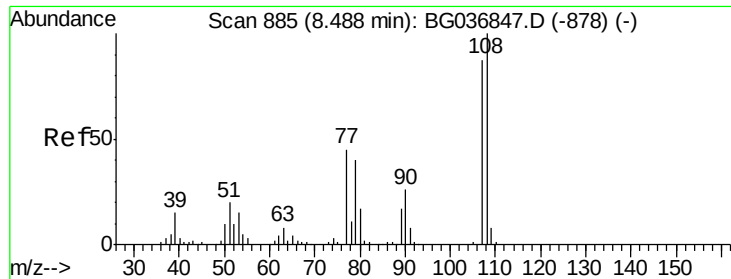
77 10.9 0.0 30.5

79 8.5 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

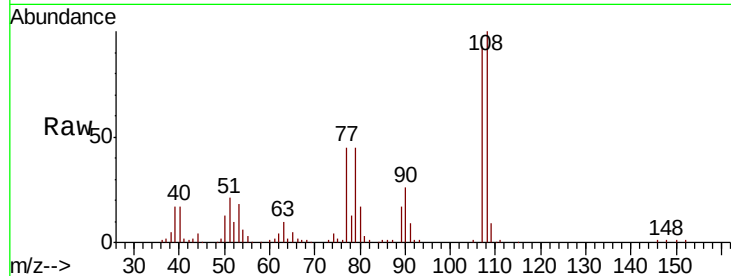




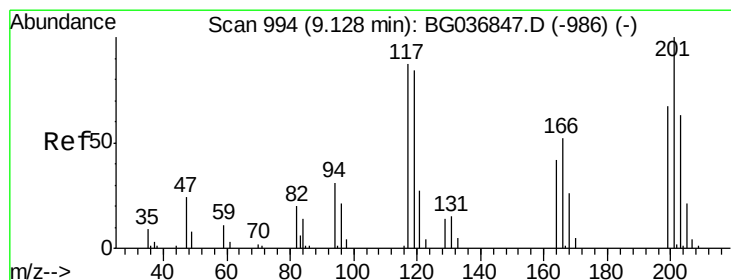
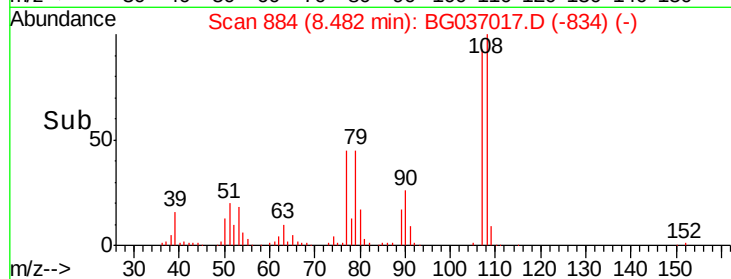
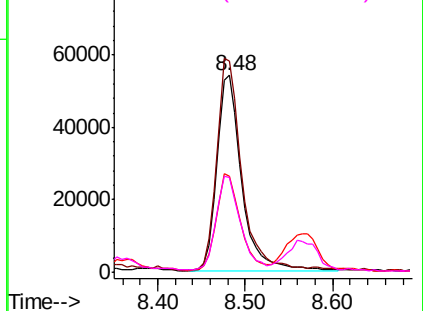
#17
2-Methylphenol
Concen: 43.346 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	106834
Ion	Ratio	Lower	Upper
107	100		
108	107.1	86.7	130.1
77	48.6	39.0	58.4
79	48.1	36.6	54.8

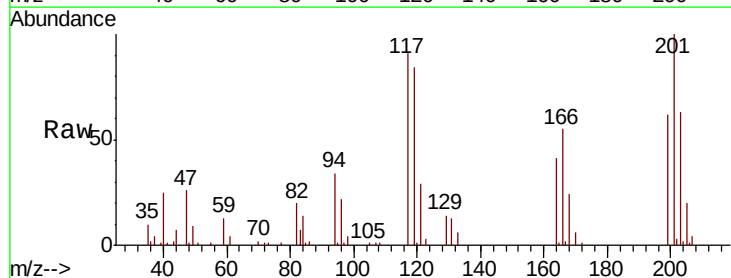


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

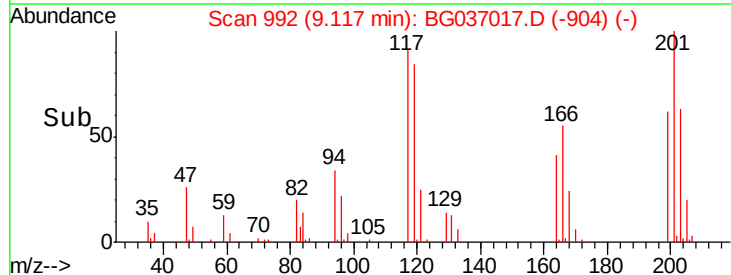
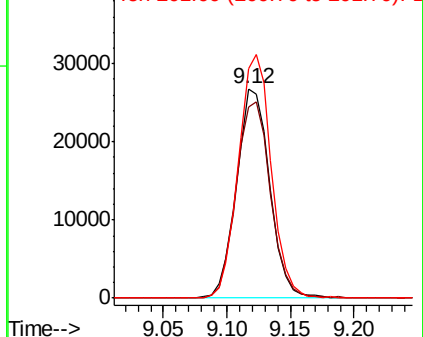


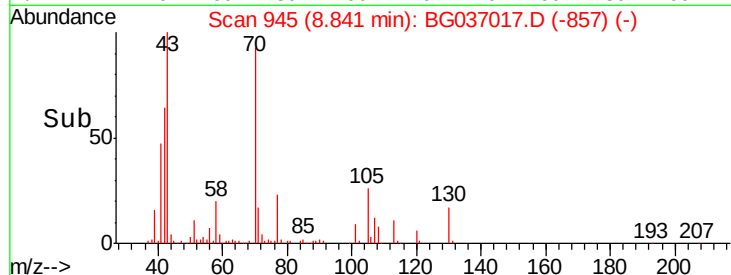
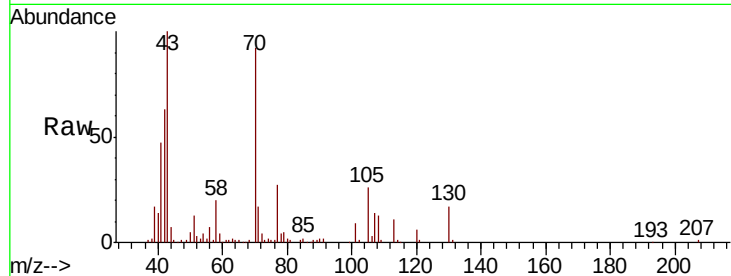
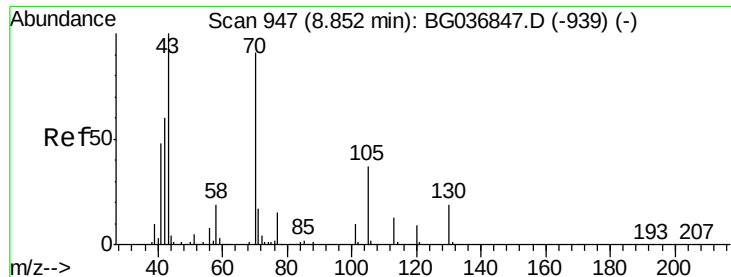
#18
Hexachloroethane
Concen: 40.879 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion:	117	Resp:	48562
Ion	Ratio	Lower	Upper
117	100		
119	91.5	76.8	115.2
201	109.5	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

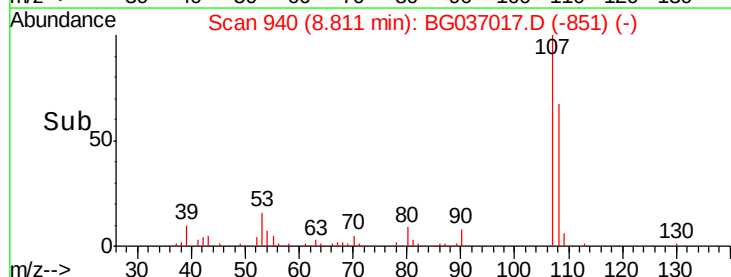
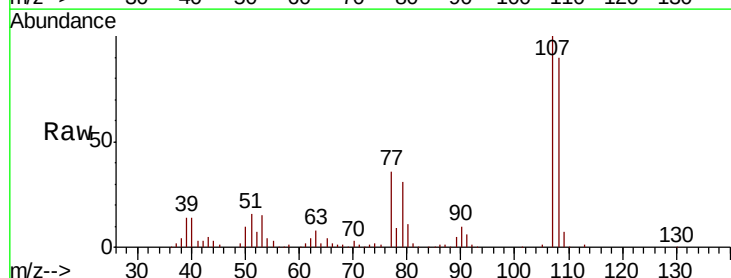
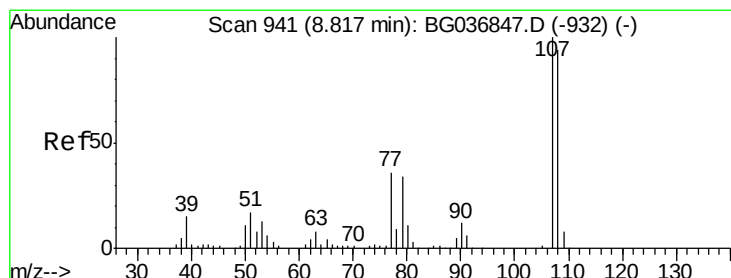
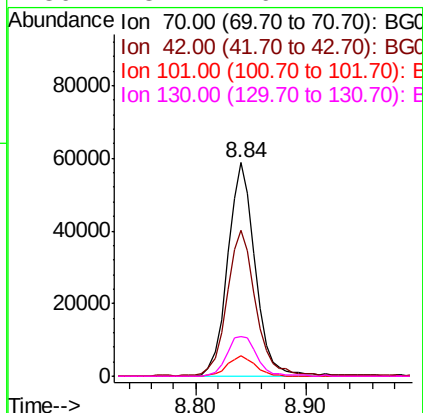




#19
n-Nitroso-di-n-propylamine
Concen: 36.024 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

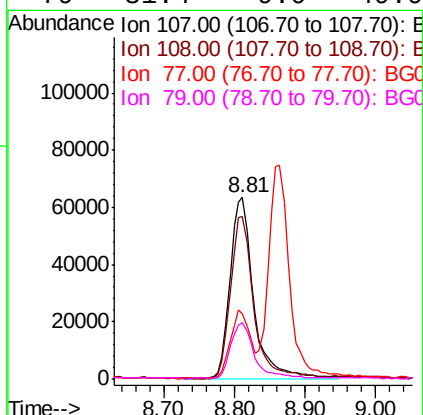
Instrument :
BNA_G
ClientSampleId :

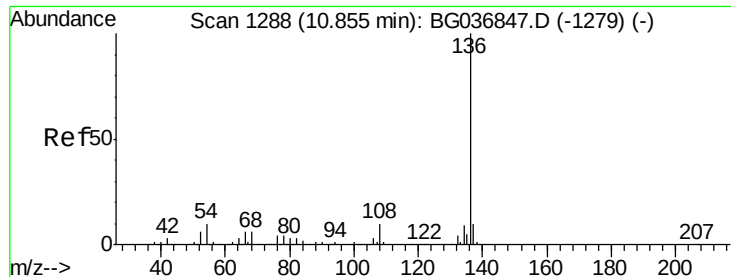
Tot Ion:	70	Resp:	102743
Ion	Ratio	Lower	Upper
70	100		
42	68.5	56.2	84.4
101	9.3	7.8	11.6
130	18.4	16.2	24.2



#20
3+4-Methylphenols
Concen: 42.872 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion:	107	Resp:	147000
Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.0	108.0
77	35.7	15.6	55.6
79	31.4	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: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 183483

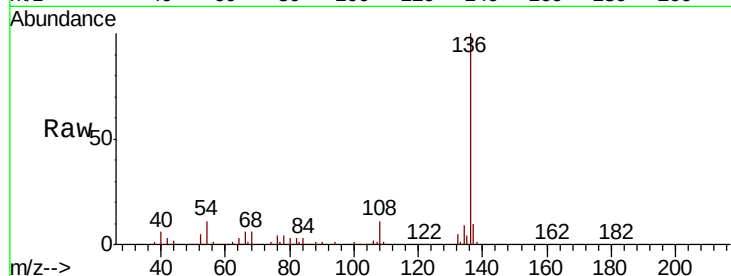
Ion Ratio Lower Upper

136 100

137 10.1 8.8 13.2

54 11.0 9.2 13.8

68 6.3 5.8 8.6

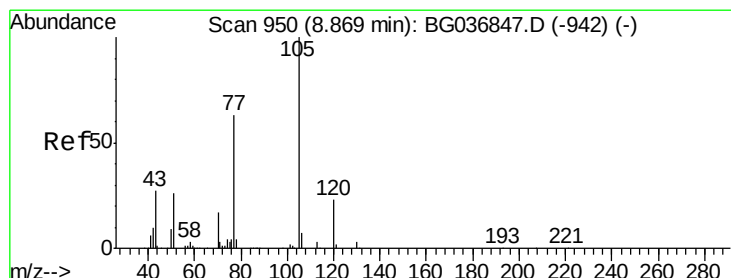
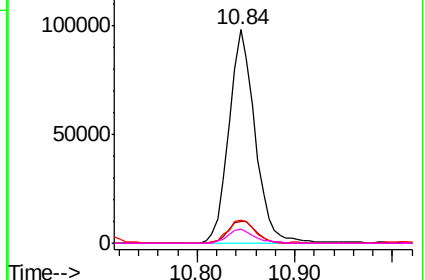
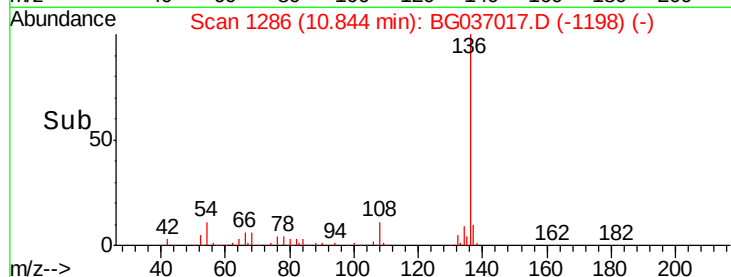


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.575 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Tgt Ion:105 Resp: 179262

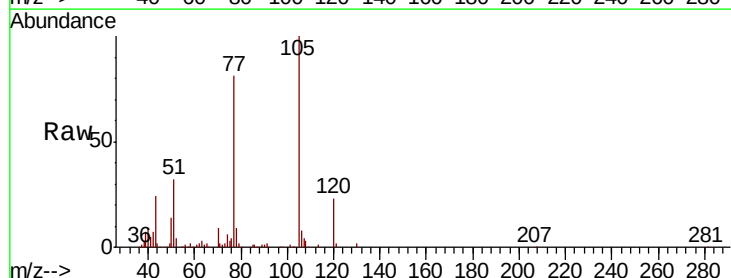
Ion Ratio Lower Upper

105 100

71 1.7 2.4 3.6#

51 32.2 25.9 38.9

120 23.0 19.4 29.0

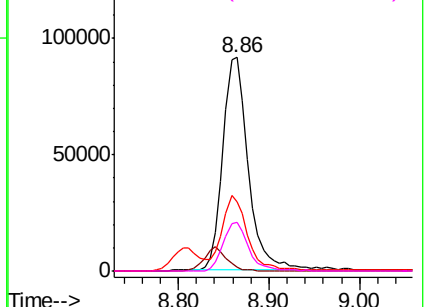
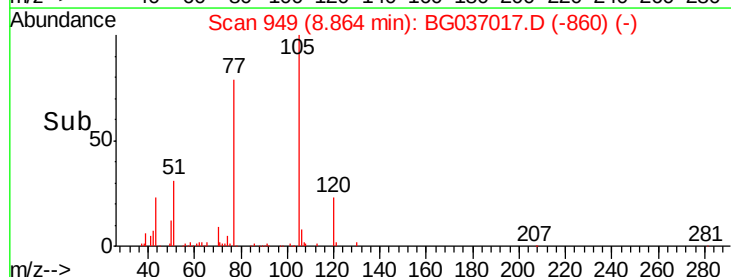


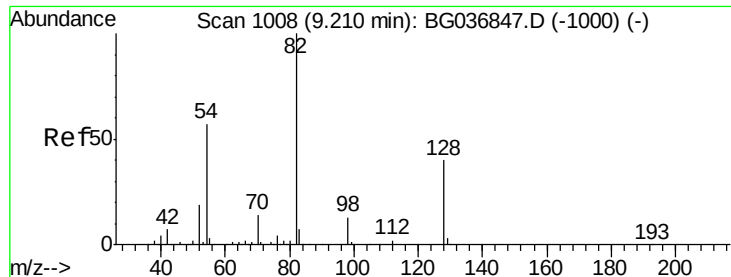
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

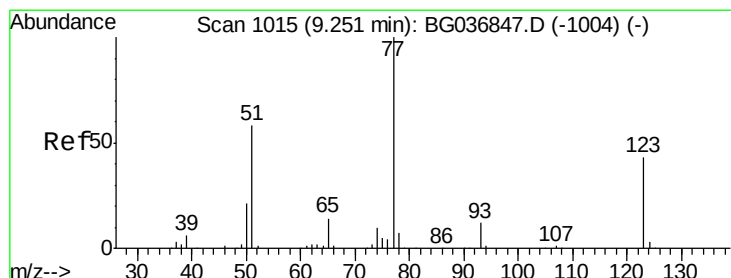
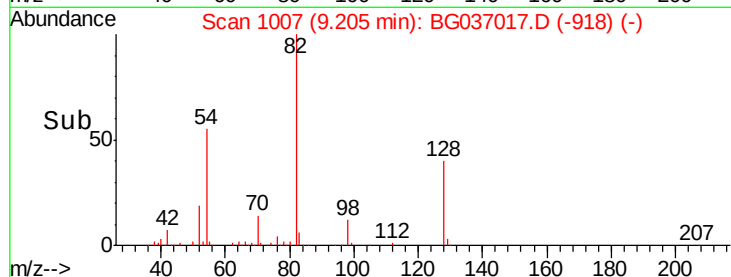
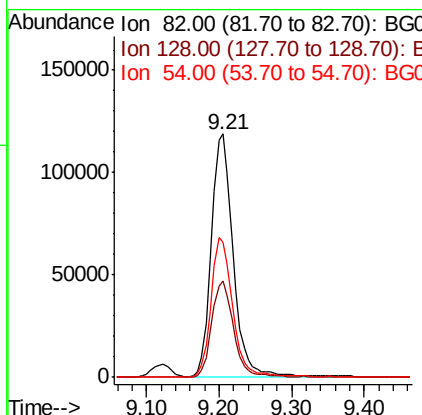
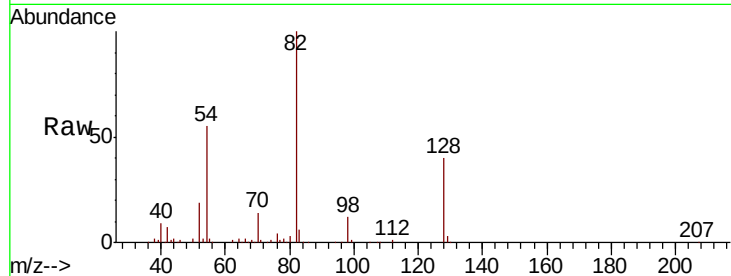




#23
Nitrobenzene-d5
Concen: 72.524 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

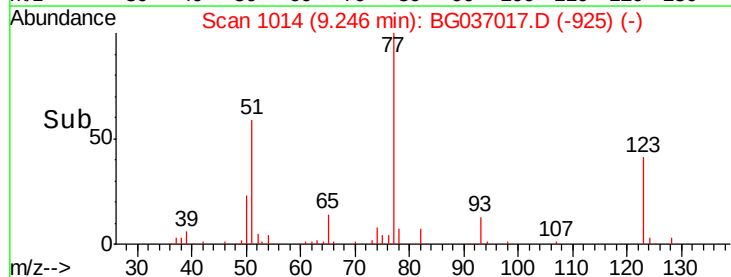
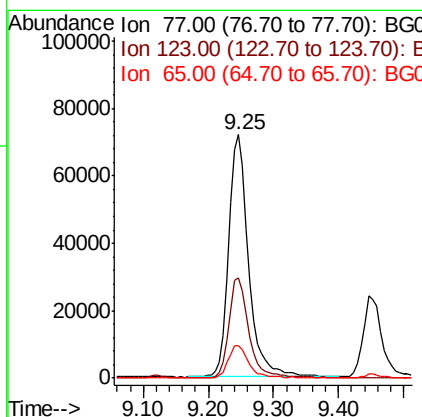
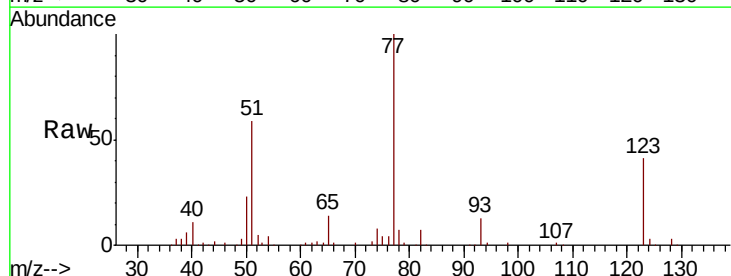
Instrument :
BNA_G
ClientSampled :

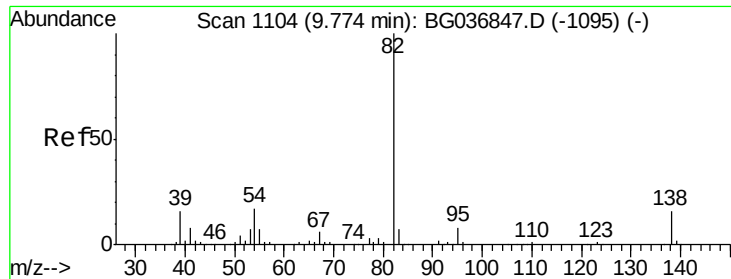
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.3	49.9
54	55.4	45.1	67.7



#24
Nitrobenzene
Concen: 41.721 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.4	32.4	48.6
65	13.5	11.5	17.3

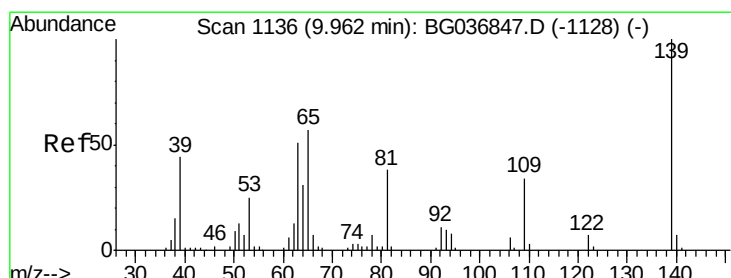
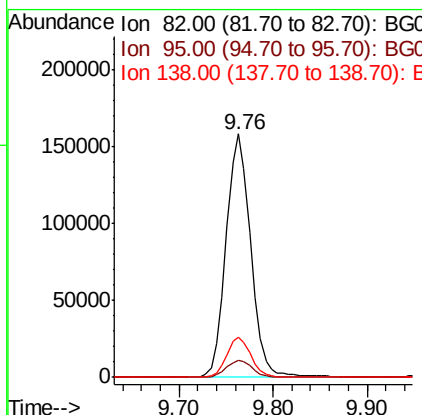
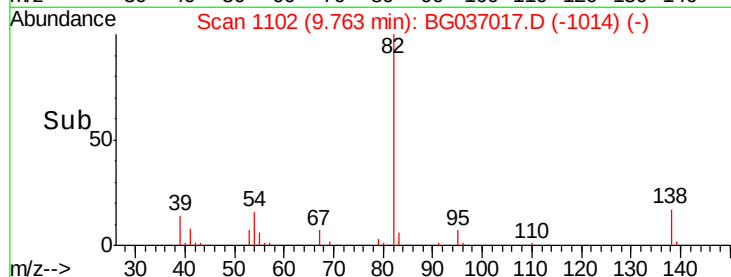
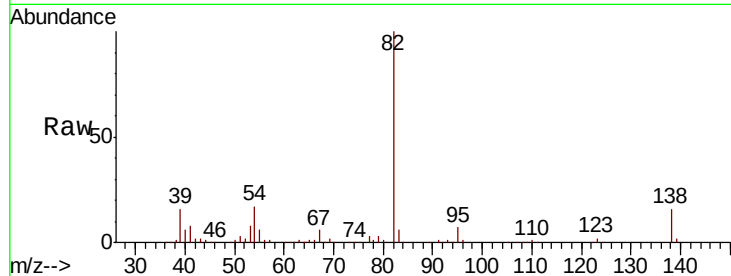




#25
Isophorone
Concen: 46.074 ng
RT: 9.76 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

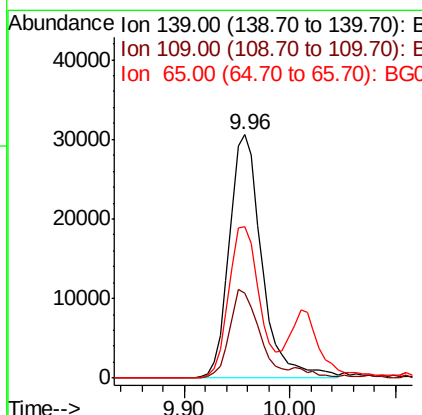
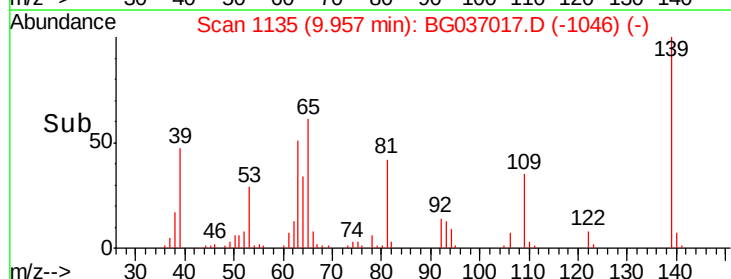
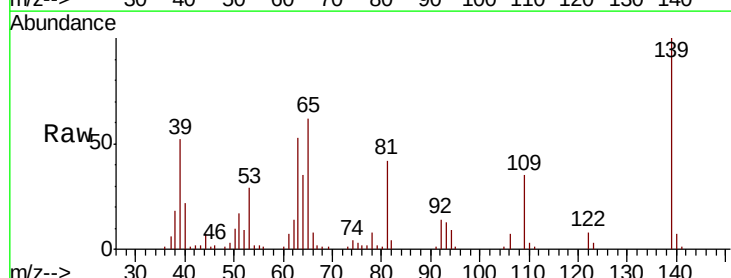
Instrument :
BNA_G
ClientSampleId :

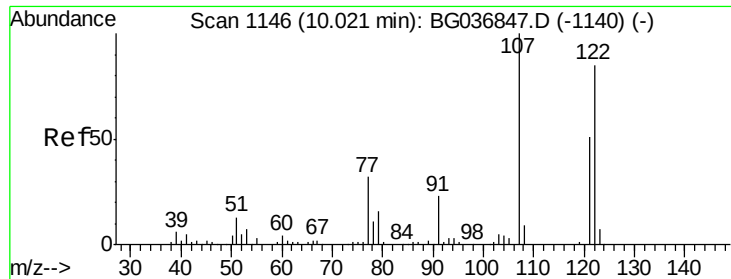
Tot Ion	82	Resp	288455
Ion Ratio	100	Lower	Upper
95	7.2	5.8	8.8
138	16.2	12.9	19.3



#26
2-Nitrophenol
Concen: 44.584 ng
RT: 9.96 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	139	Resp	65024
Ion Ratio	100	Lower	Upper
109	34.8	27.4	41.0
65	62.4	47.8	71.6

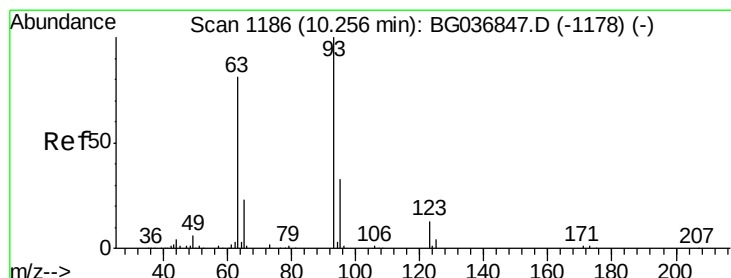
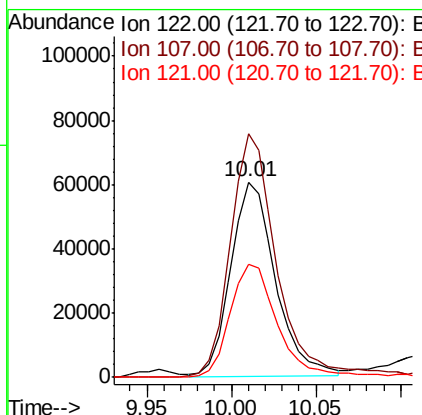
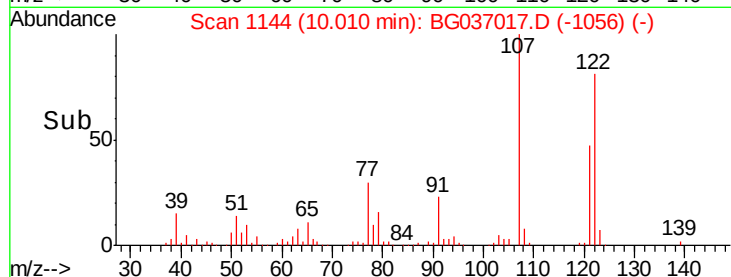
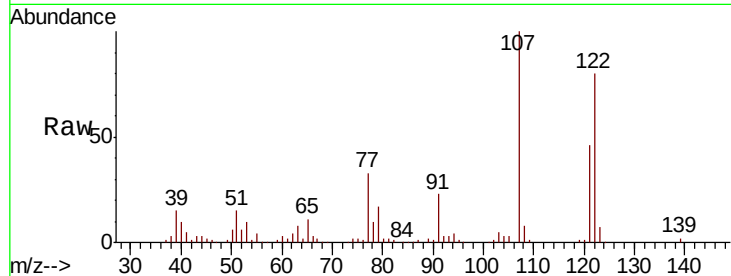




#27
2,4-Dimethylphenol
Concen: 49.152 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

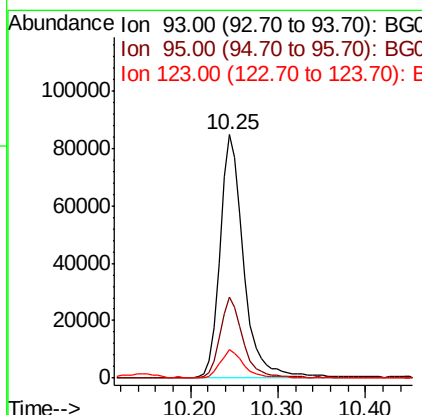
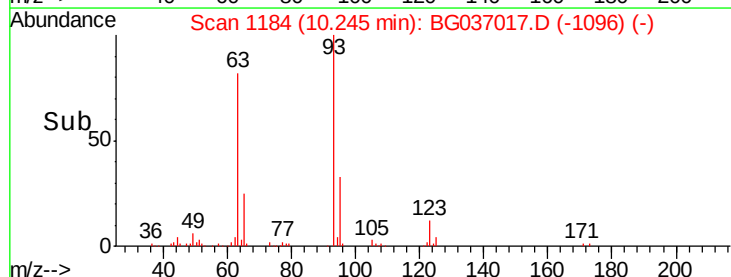
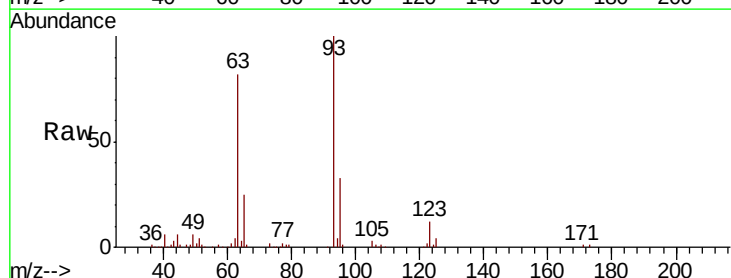
Instrument :
BNA_G
ClientSampleId :

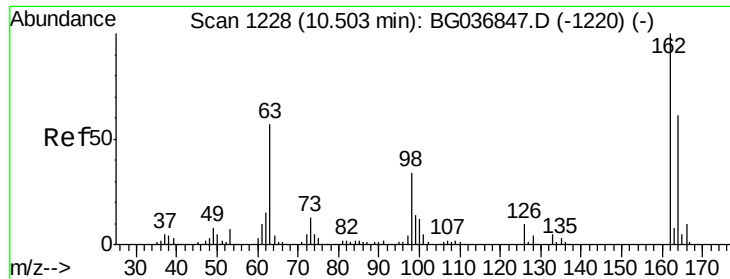
Tot Ion:122 Resp: 111665
Ion Ratio Lower Upper
122 100
107 124.5 96.0 144.0
121 57.8 48.2 72.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.103 ng
RT: 10.25 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion: 93 Resp: 158785
Ion Ratio Lower Upper
93 100
95 33.4 25.2 37.8
123 11.6 8.6 12.8

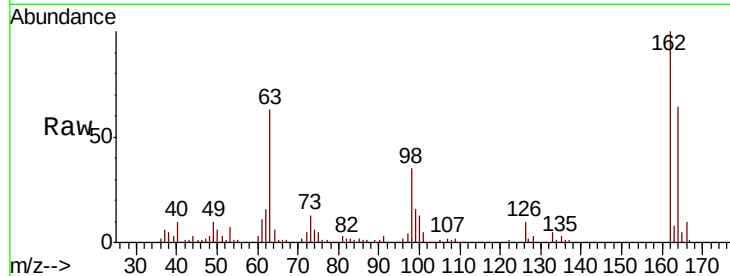




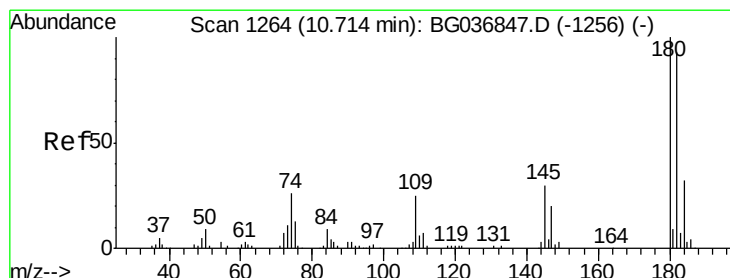
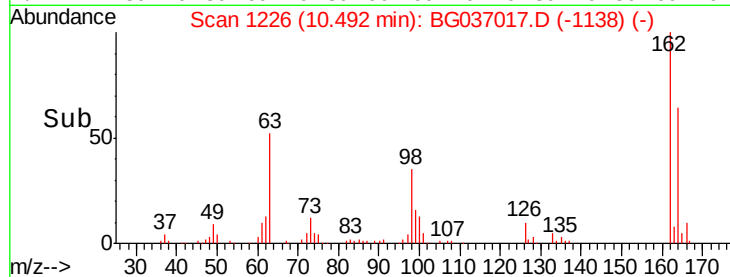
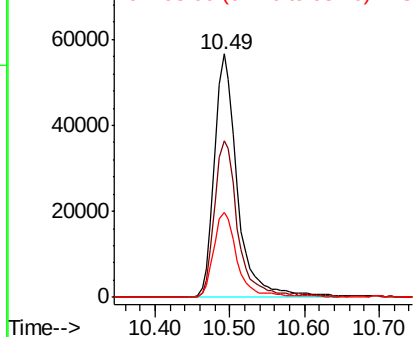
#29
 2,4-Dichlorophenol
 Concen: 46.128 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	47.6	87.6
98	34.9	19.2	59.2

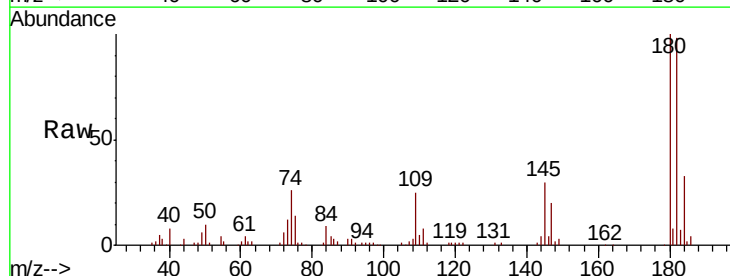


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

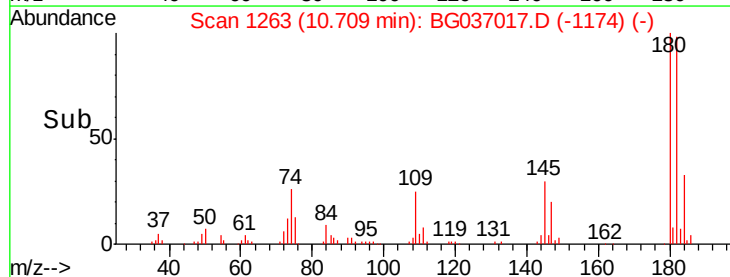
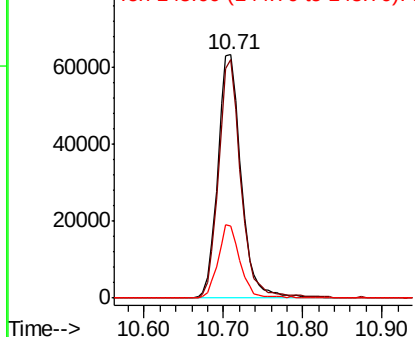


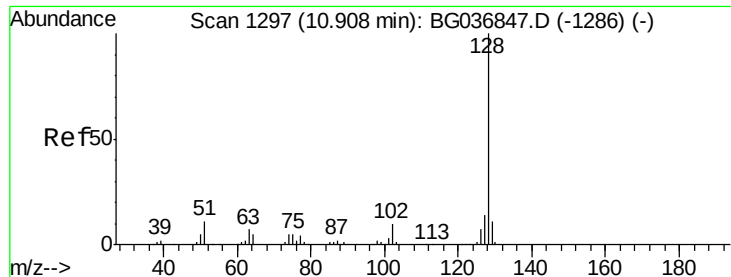
#30
 1,2,4-Trichlorobenzene
 Concen: 39.024 ng
 RT: 10.71 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.0	114.0
145	29.6	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

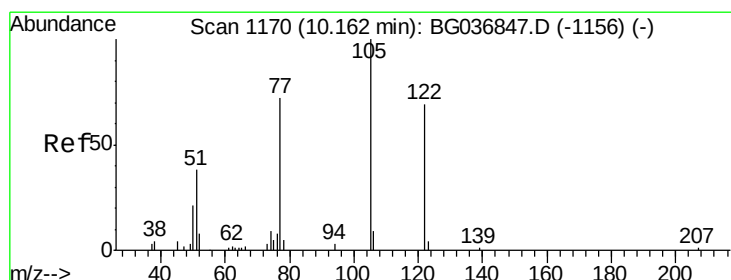
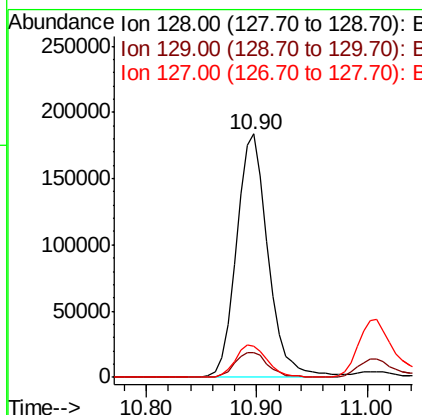
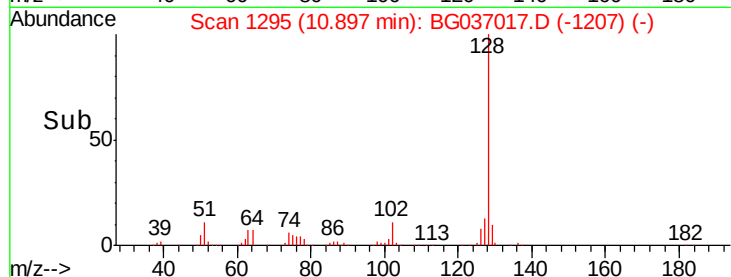
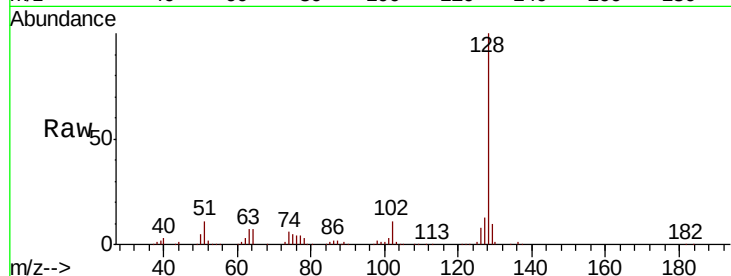




#31
Naphthalene
Concen: 42.202 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

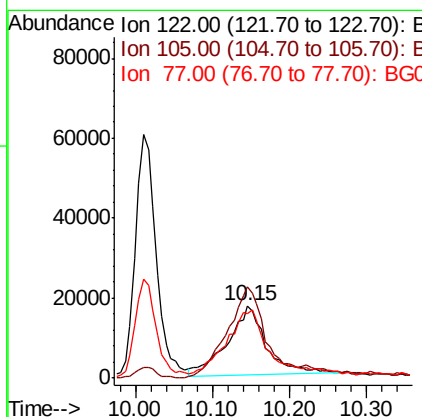
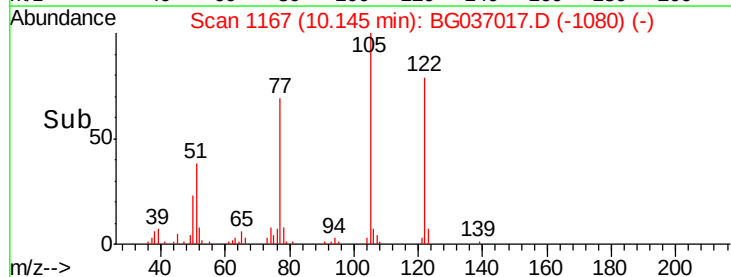
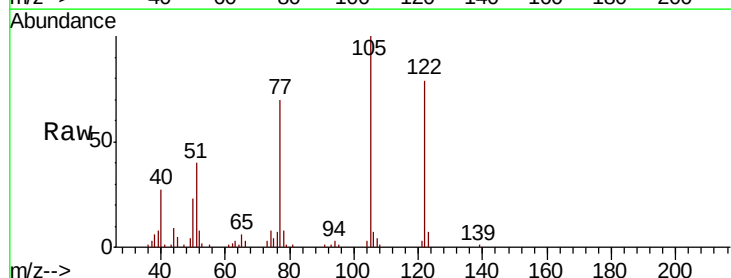
Instrument :
BNA_G
ClientSampleId :

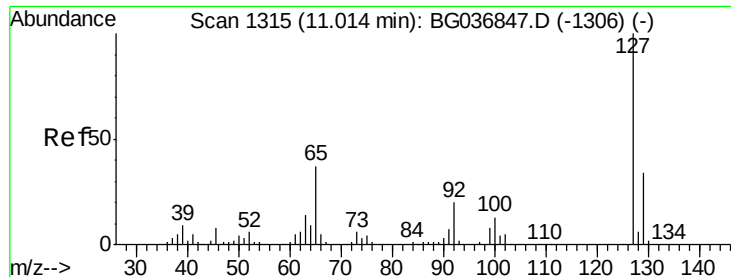
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.4	14.2
127	13.0	11.0	16.4



#32
Benzoic acid
Concen: 36.456 ng
RT: 10.15 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.8	108.1	148.1
77	88.4	76.3	116.3

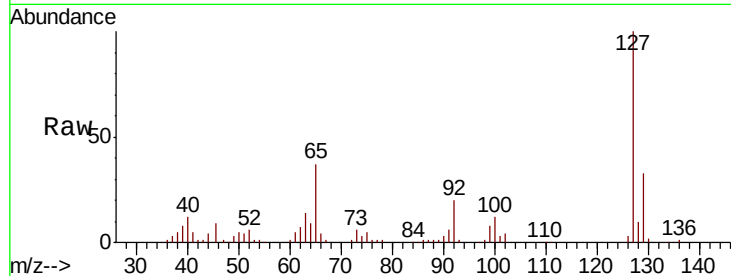




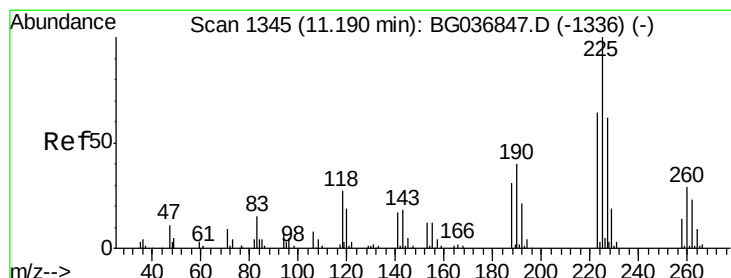
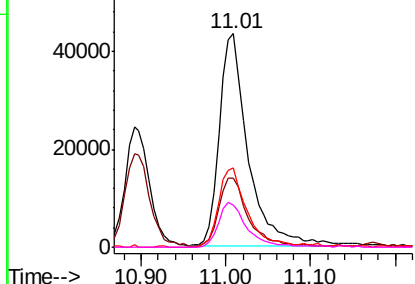
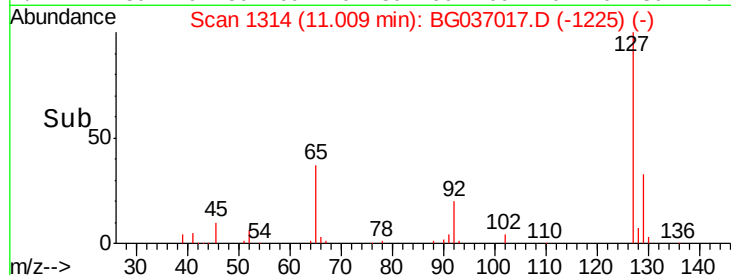
#33
4-Chloroaniline
Concen: 25.770 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	102290
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	37.2	27.5	41.3
92	19.9	16.2	24.2

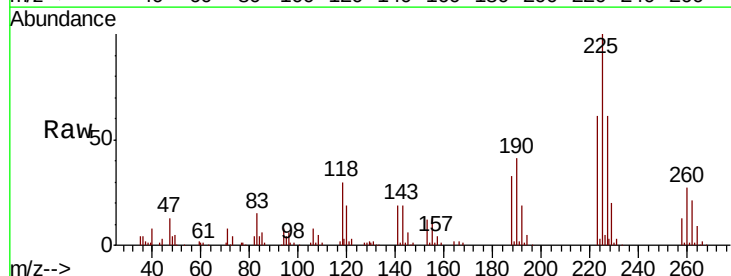


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

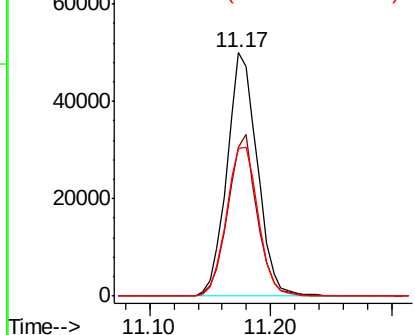
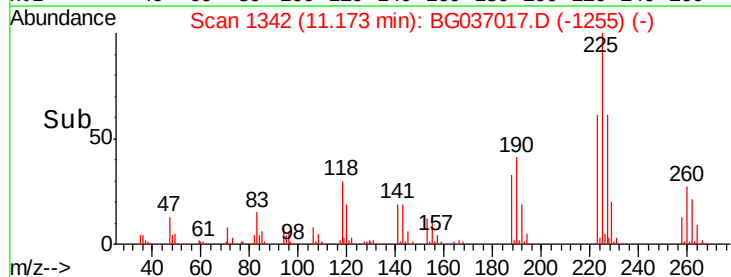


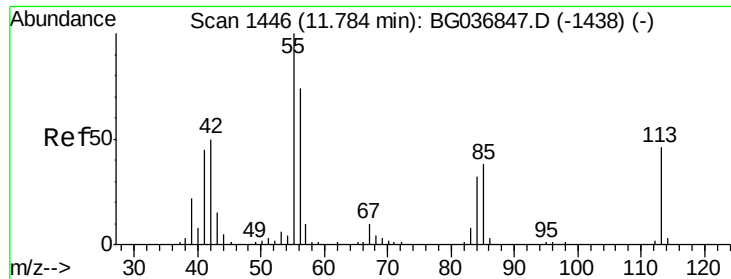
#34
Hexachlorobutadiene
Concen: 38.199 ng
RT: 11.17 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion:	225	Resp:	87062
Ion	Ratio	Lower	Upper
225	100		
223	60.9	51.8	77.8
227	60.7	49.8	74.6



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





#35

Caprolactam

Concen: 29.164 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampled :

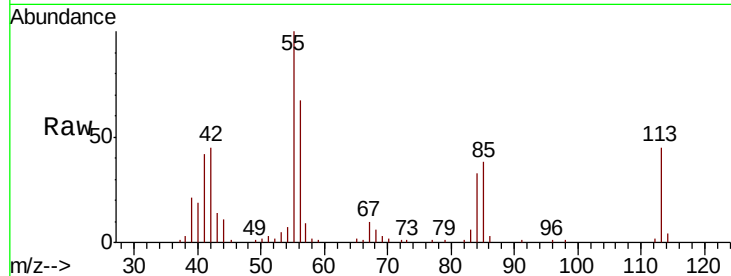
Tot Ion:113 Resp: 31612

Ion Ratio Lower Upper

113 100

55 223.2 197.7 237.7

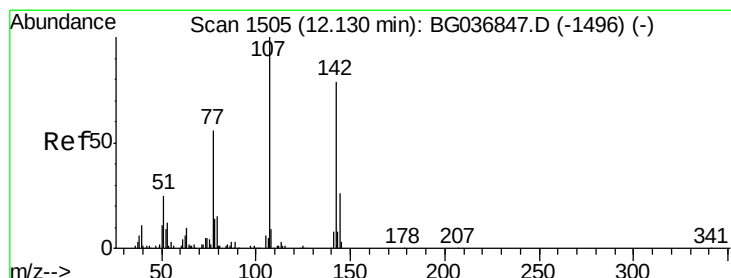
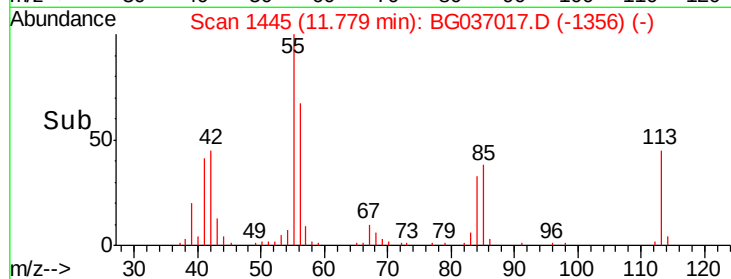
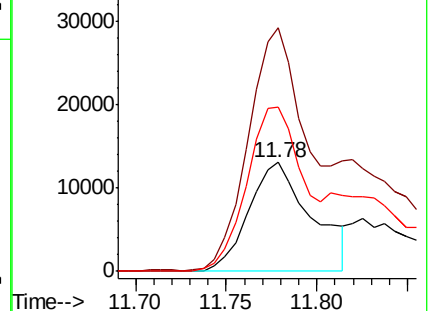
56 150.0 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 45.021 ng

RT: 12.12 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

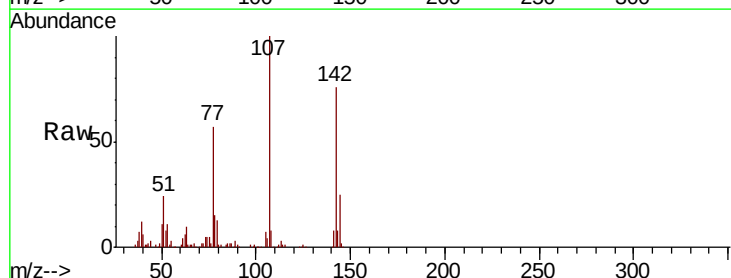
Tgt Ion:107 Resp: 141475

Ion Ratio Lower Upper

107 100

144 24.7 19.5 29.3

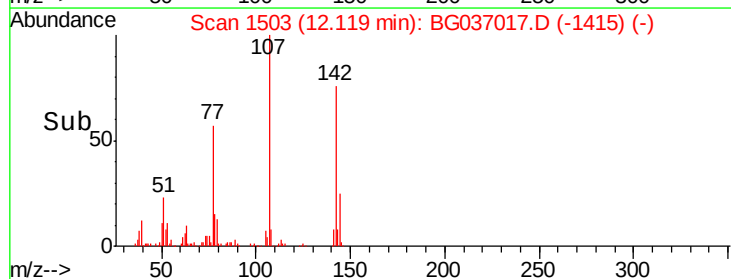
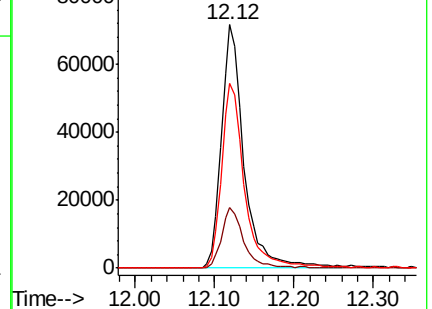
142 75.7 62.4 93.6

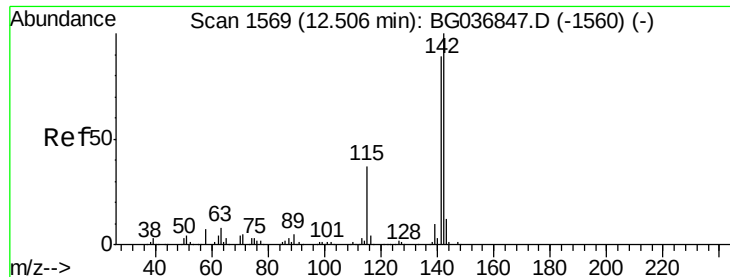


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

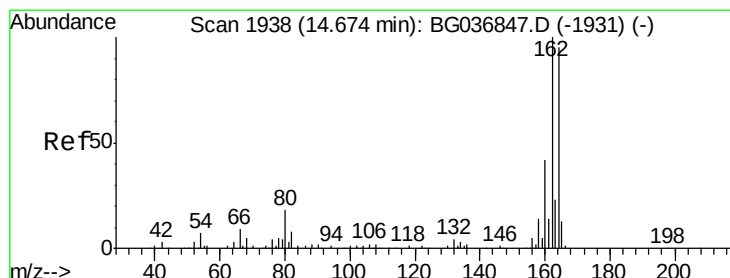
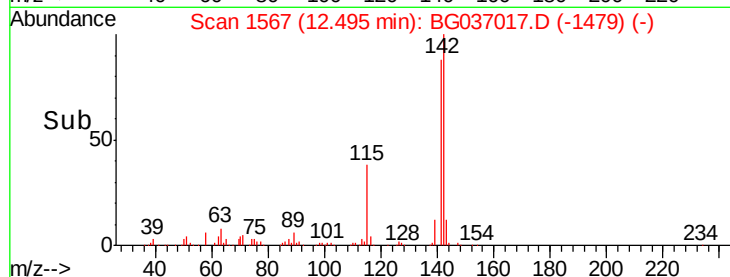
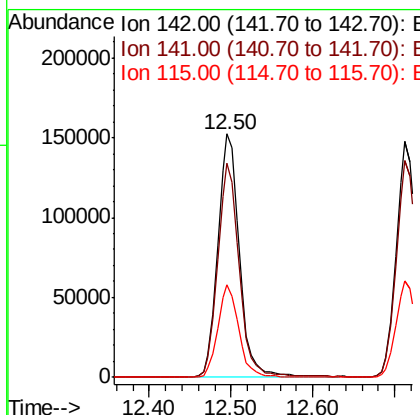
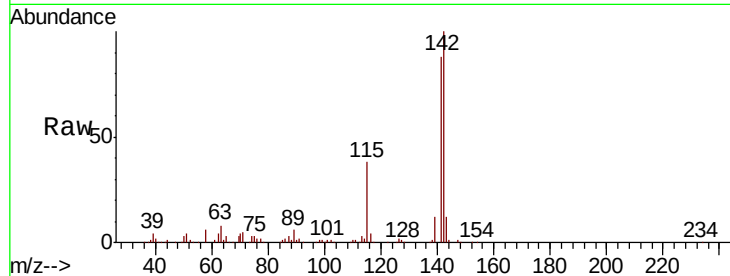




#37
2-Methylnaphthalene
Concen: 42.096 ng
RT: 12.50 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

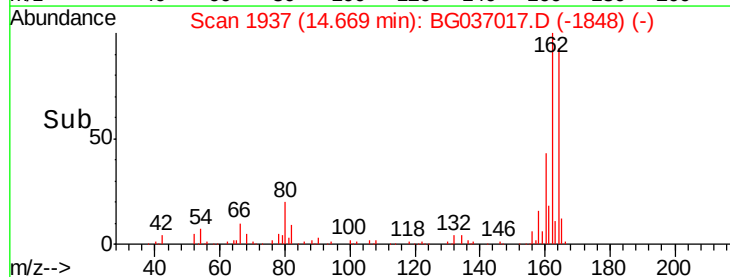
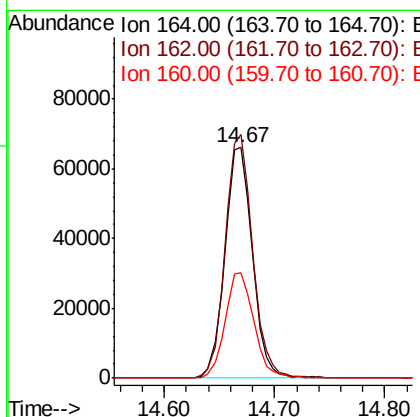
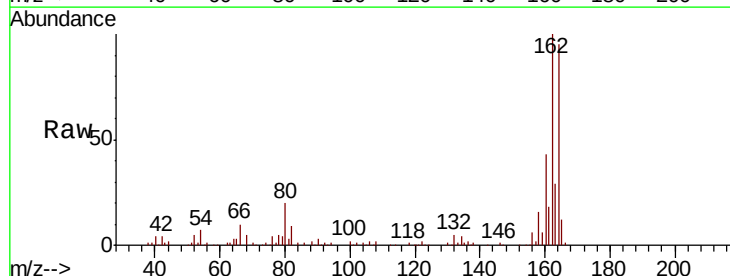
Instrument :
BNA_G
ClientSampleId :

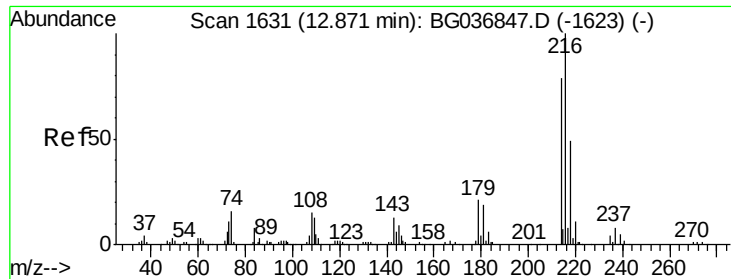
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	68.5	102.7
115	38.2	29.8	44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	80.7	121.1
160	45.8	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.857 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 156635

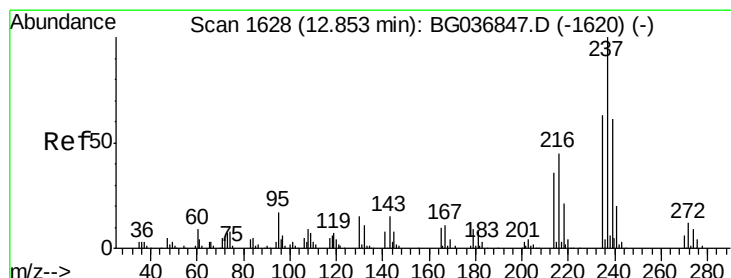
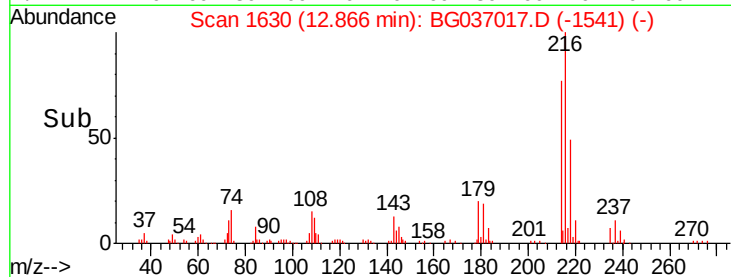
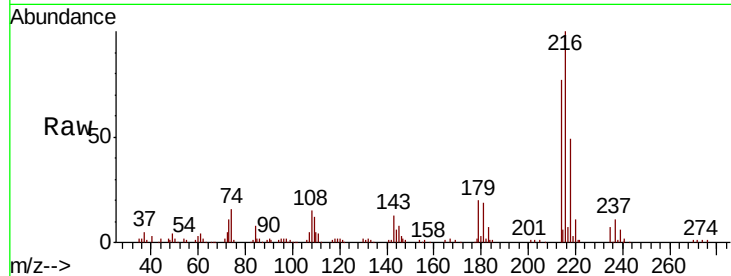
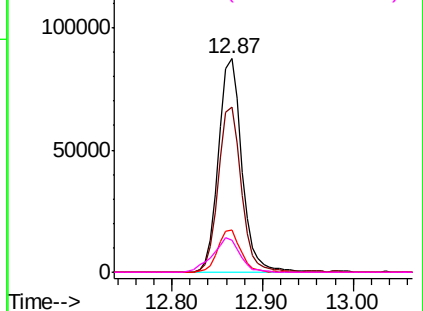
Ion	Ratio	Lower	Upper
216	100		
214	75.9	61.0	91.6
179	19.1	15.7	23.5
108	18.7	13.1	19.7

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: 92.315 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

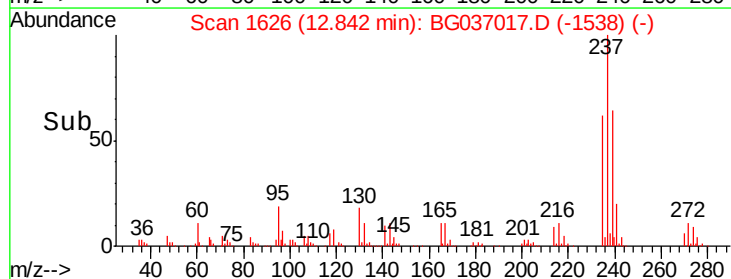
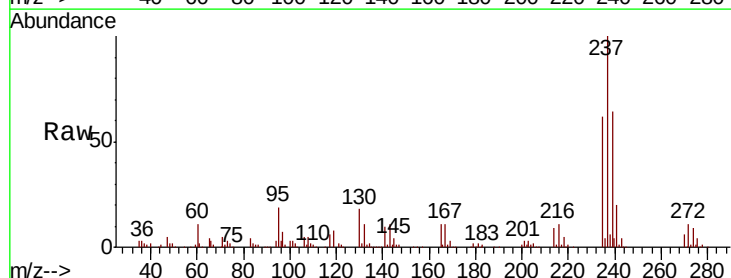
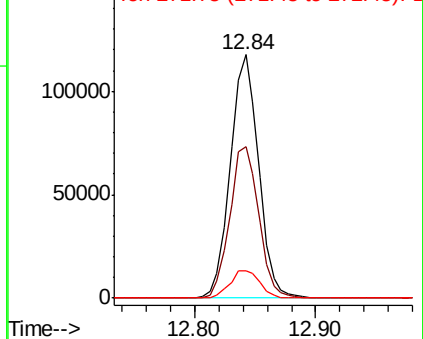
Tgt Ion:237 Resp: 191388

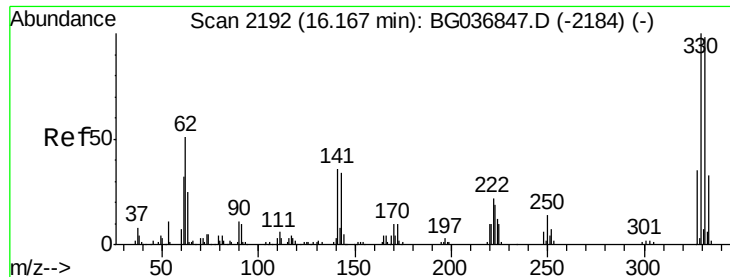
Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.2	82.2
272	11.3	0.0	32.1

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: 116.658 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampled :

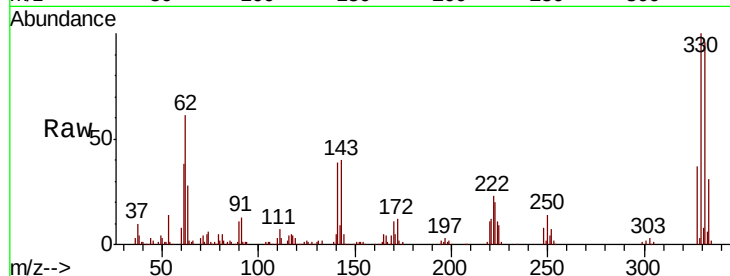
Tot Ion:330 Resp: 161314

Ion Ratio Lower Upper

330 100

332 96.8 75.4 113.2

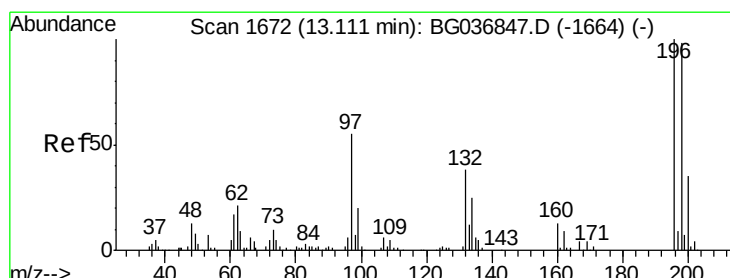
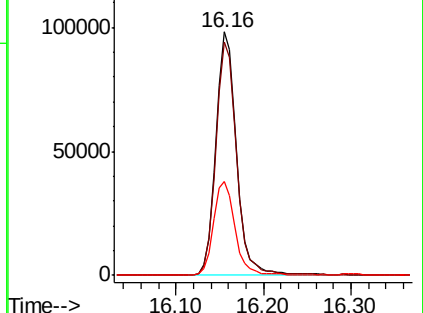
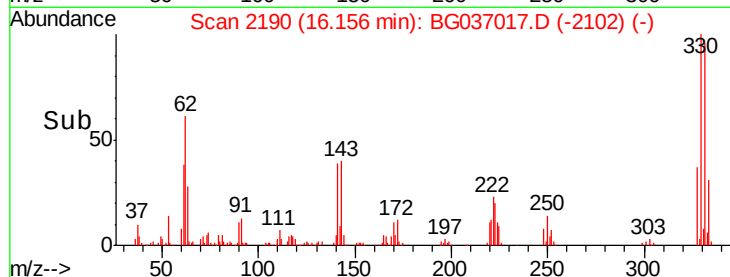
141 40.3 30.7 46.1



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: 45.631 ng

RT: 13.10 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

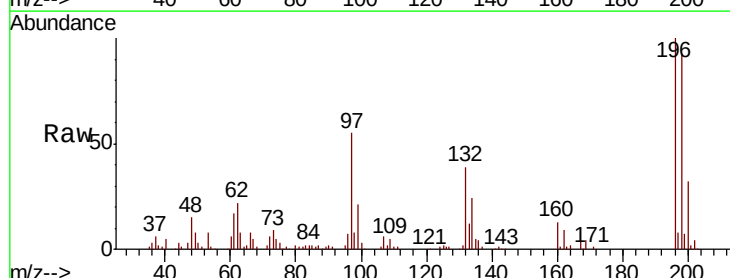
Tgt Ion:196 Resp: 102145

Ion Ratio Lower Upper

196 100

198 92.9 77.2 115.8

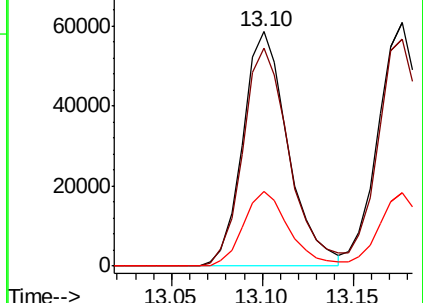
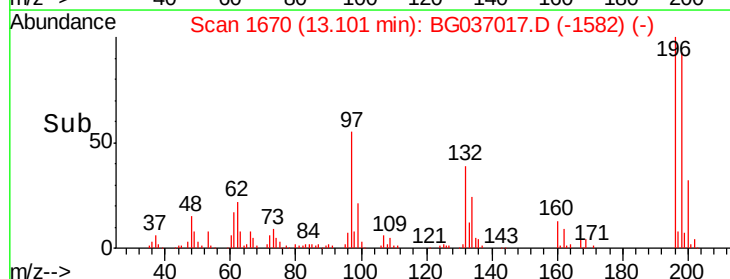
200 31.6 26.3 39.5

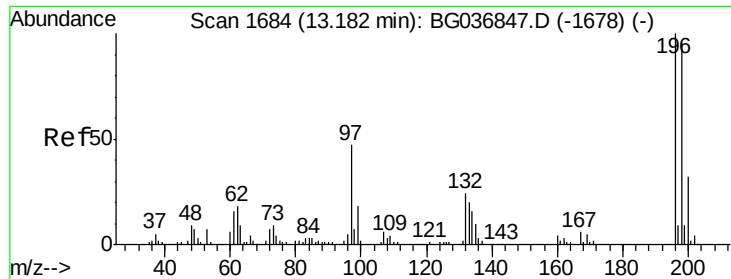


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

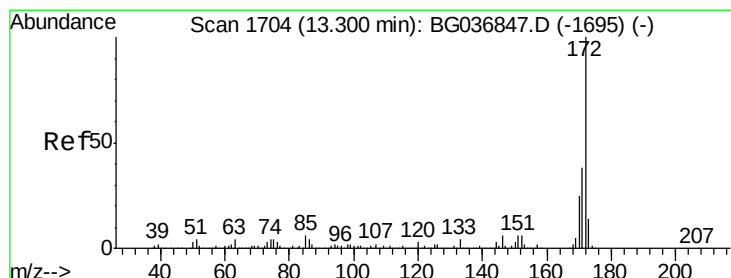
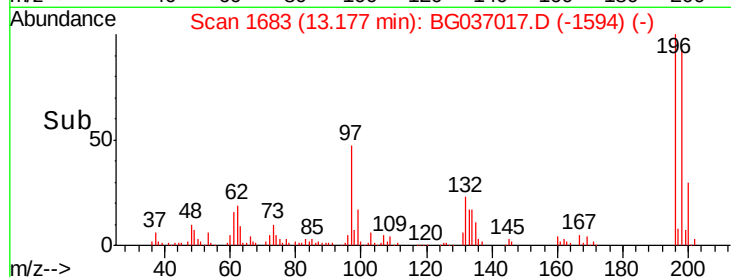
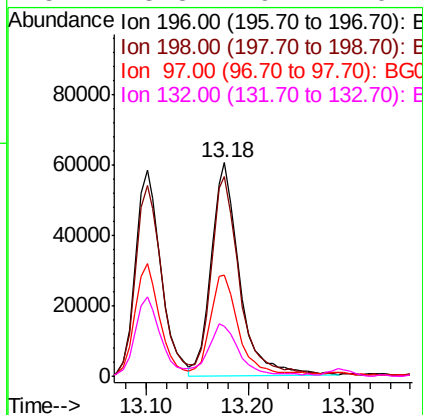
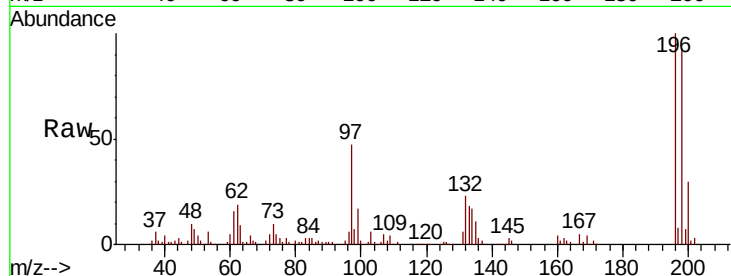




#43
 2,4,5-Trichlorophenol
 Concen: 48.659 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

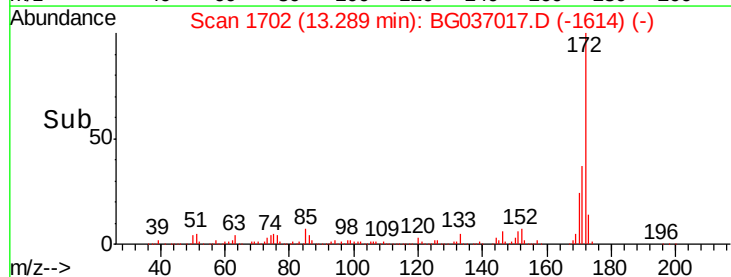
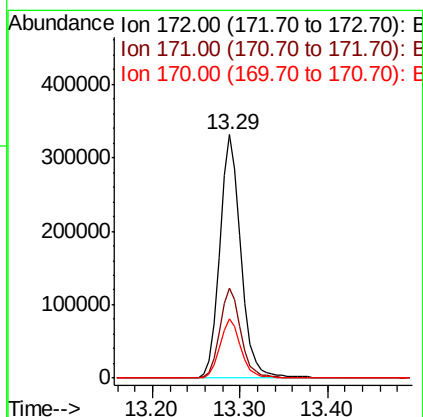
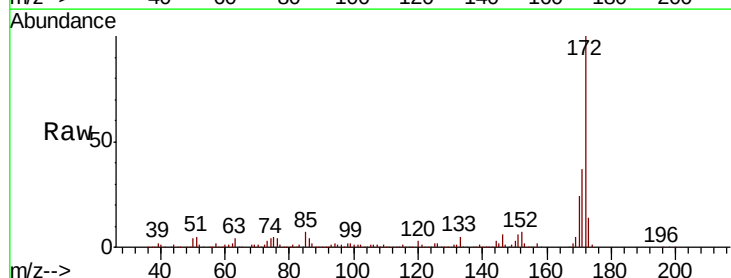
Instrument :
 BNA_G
 ClientSampled :

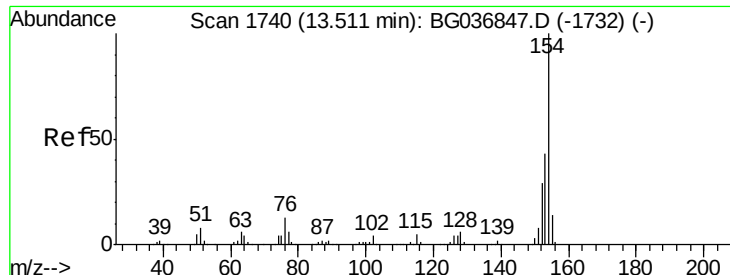
Tot Ion:196	Resp:	116145
Ion Ratio	Lower	Upper
196	100	
198	93.4	75.6 113.4
97	47.2	37.2 55.8
132	23.3	19.4 29.2



#44
 2-Fluorobiphenyl
 Concen: 71.275 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Tgt Ion:172	Resp:	553088
Ion Ratio	Lower	Upper
172	100	
171	37.1	31.3 46.9
170	24.5	21.0 31.6

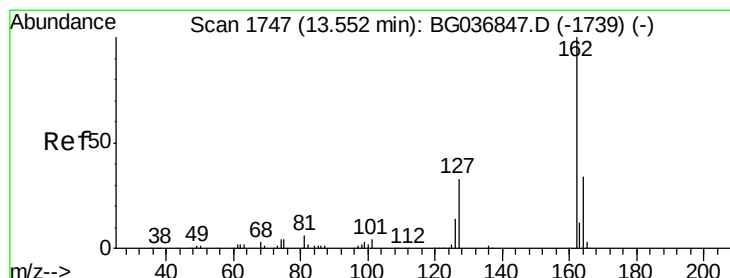
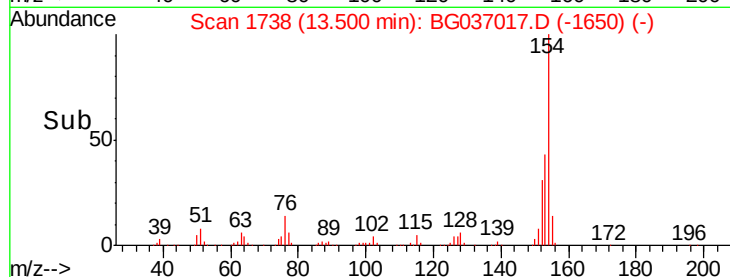
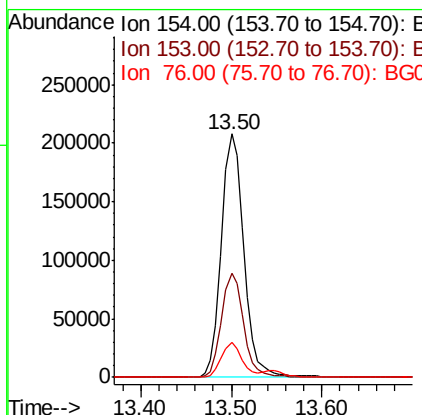
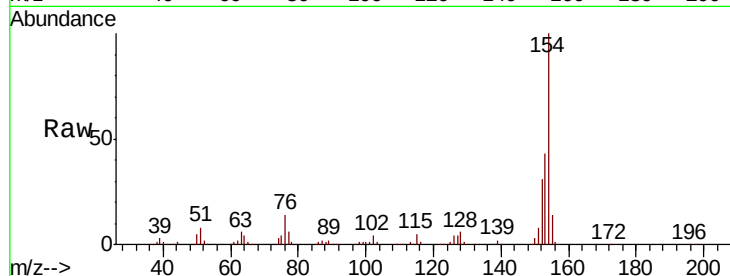




#45
 1,1'-Biphenyl
 Concen: 40.568 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

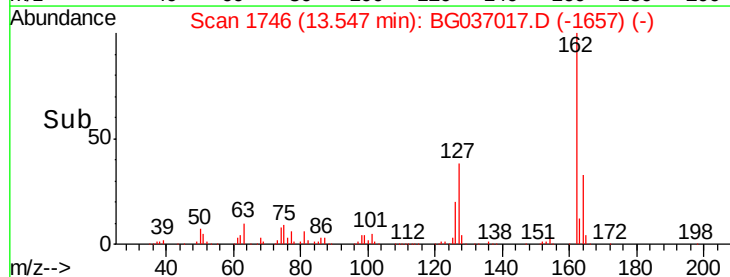
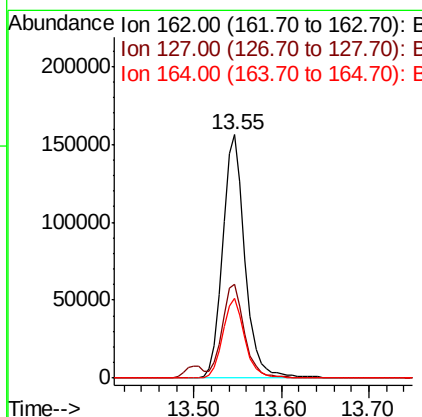
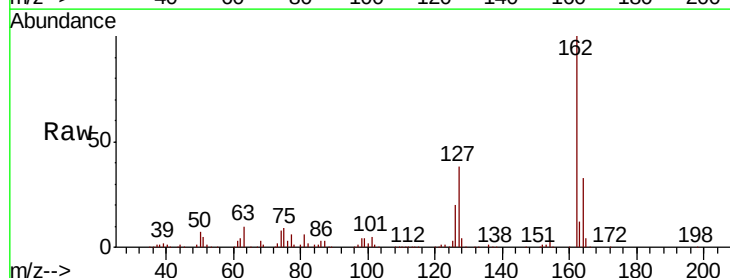
Instrument :
 BNA_G
 ClientSampled :

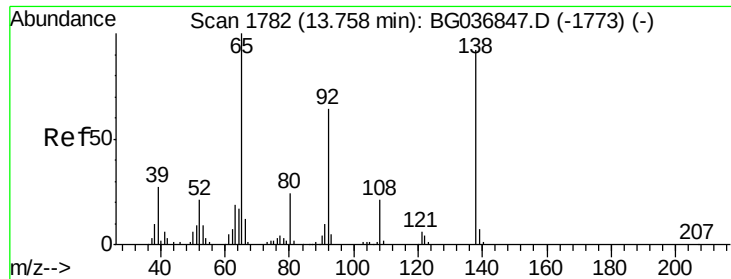
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.6	24.0	64.0
76	14.3	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 39.420 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.5	30.7	46.1
164	32.9	26.7	40.1





#47

2-Nitroaniline

Concen: 46.322 ng

RT: 13.75 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampleId :

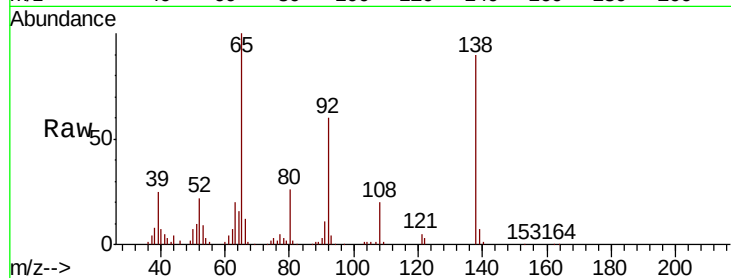
Tot Ion: 65 Resp: 111529

Ion Ratio Lower Upper

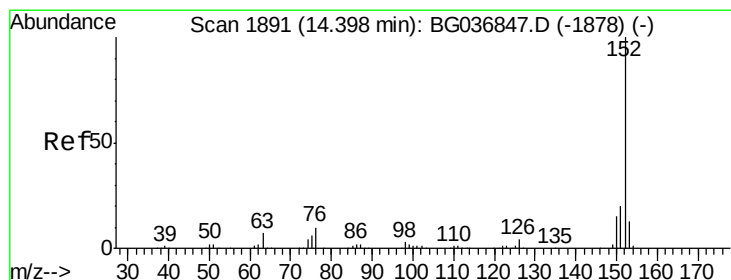
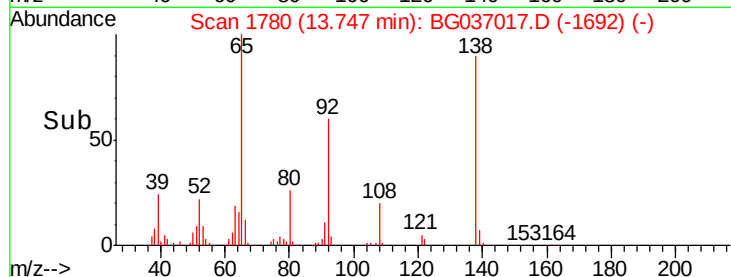
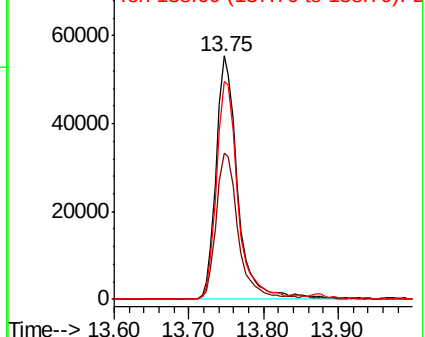
65 100

92 60.0 49.9 74.9

138 89.8 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: 42.918 ng

RT: 14.39 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

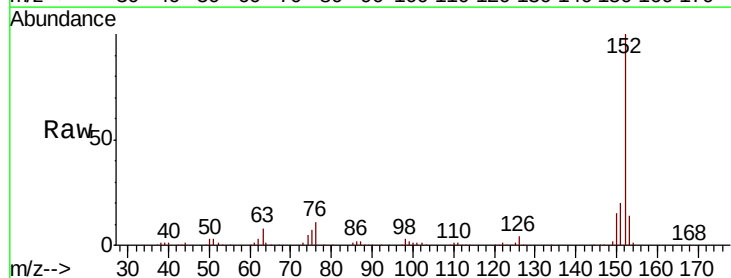
Tgt Ion: 152 Resp: 468146

Ion Ratio Lower Upper

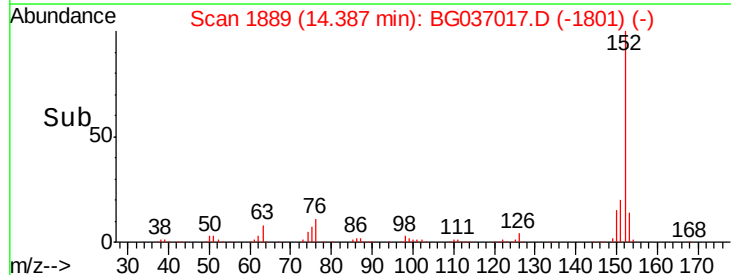
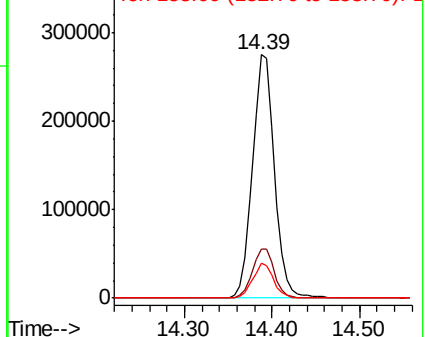
152 100

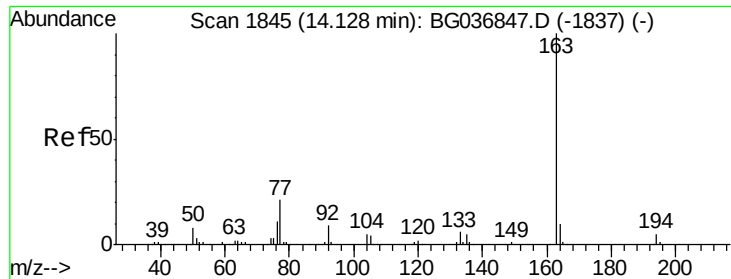
151 20.2 16.9 25.3

153 14.3 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: 41.256 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampled :

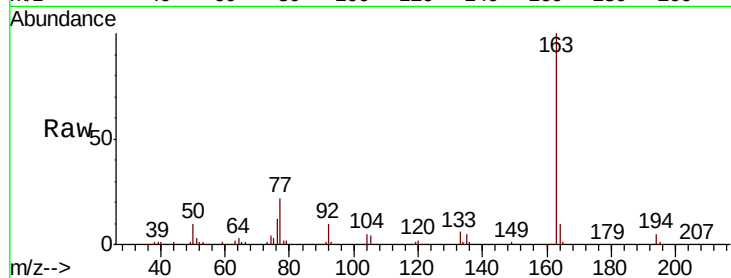
Tot Ion:163 Resp: 383807

Ion Ratio Lower Upper

163 100

194 5.1 4.0 6.0

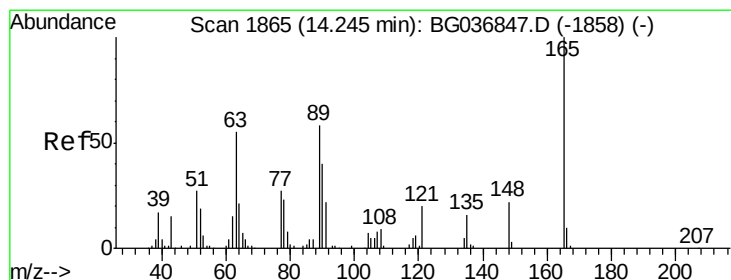
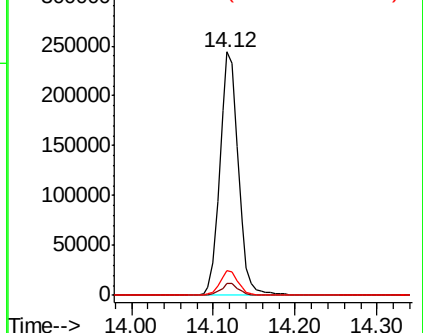
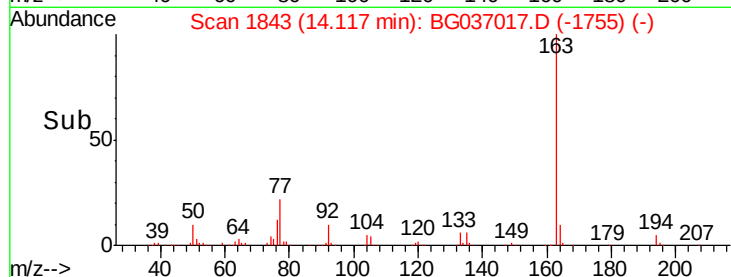
164 10.2 8.1 12.1



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: 41.488 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

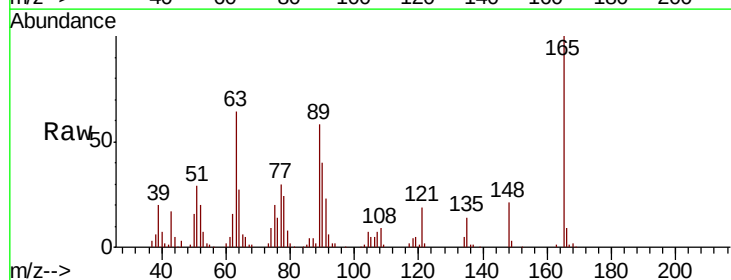
Tgt Ion:165 Resp: 84211

Ion Ratio Lower Upper

165 100

63 64.4 50.1 75.1

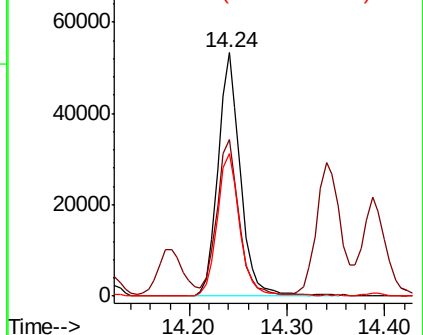
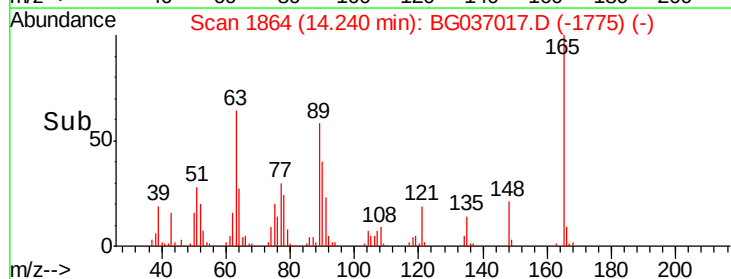
89 58.5 47.8 71.6

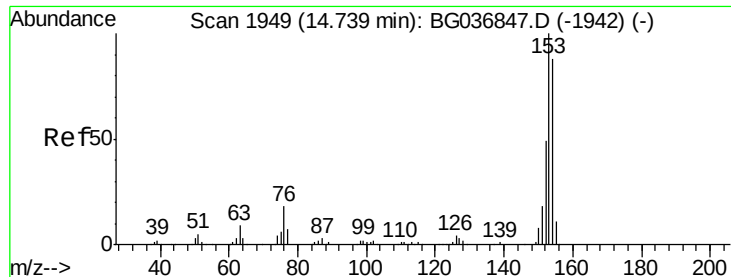


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.843 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampled :

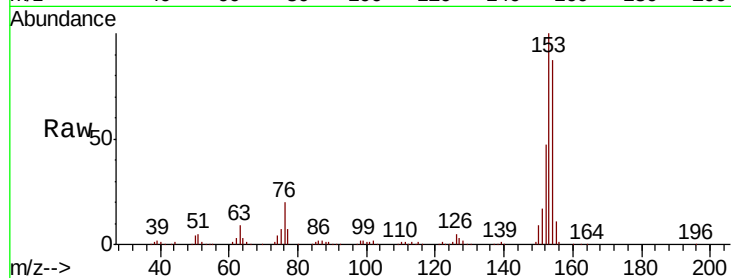
Tot Ion:154 Resp: 269257

Ion Ratio Lower Upper

154 100

153 115.5 91.8 137.6

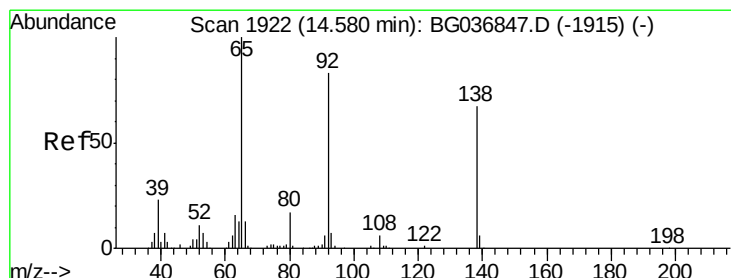
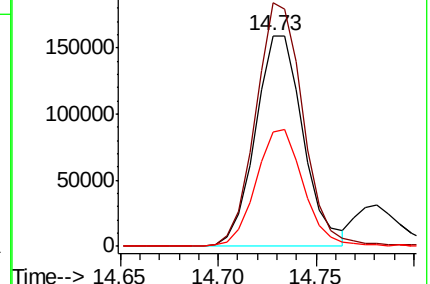
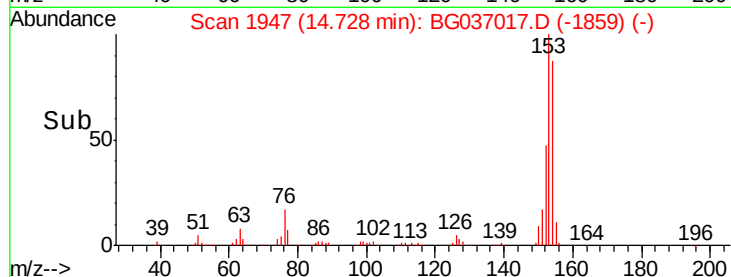
152 54.4 43.5 65.3



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: 31.606 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

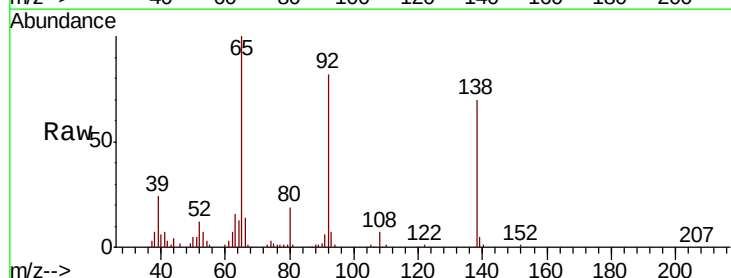
Tgt Ion:138 Resp: 67601

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.2

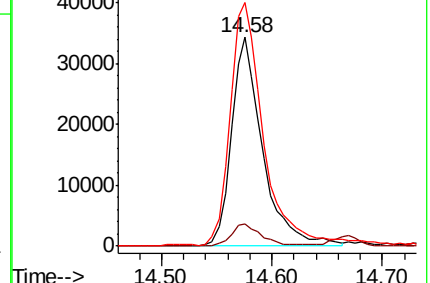
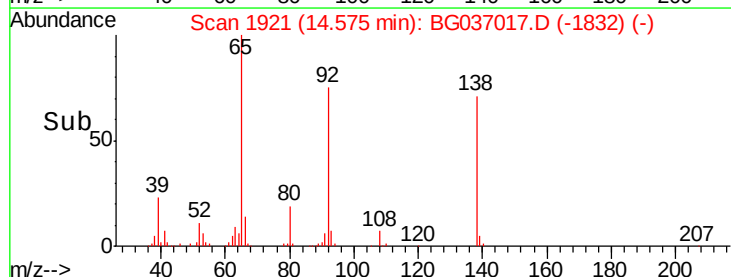
92 116.7 96.8 145.2

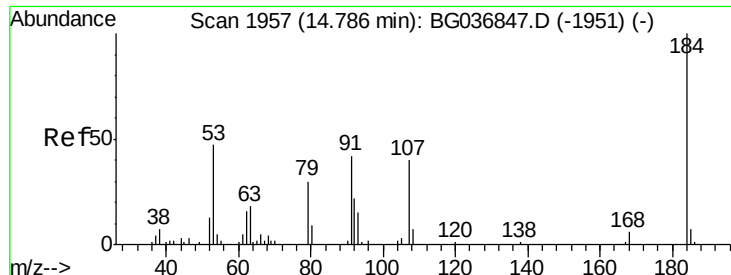


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 93.667 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampled :

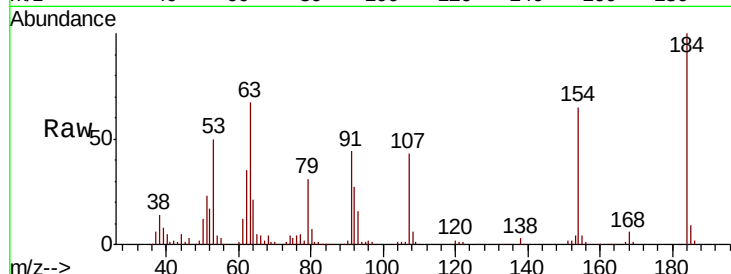
Tot Ion:184 Resp: 90476

Ion Ratio Lower Upper

184 100

63 67.3 47.3 70.9

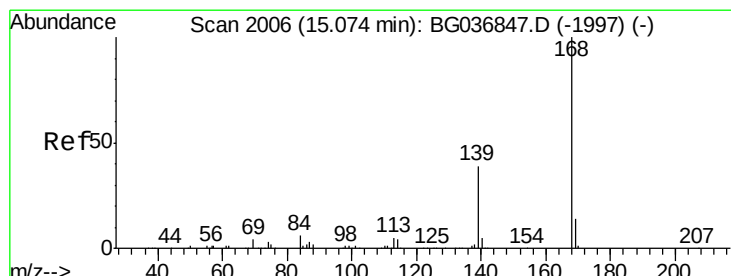
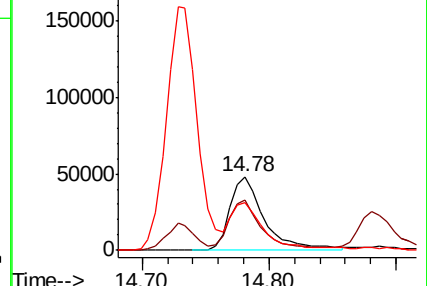
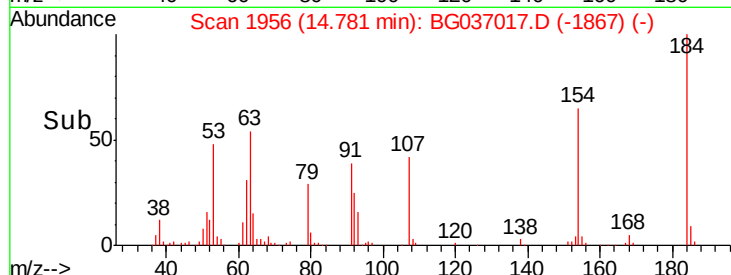
154 65.0 51.1 76.7



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: 40.168 ng

RT: 15.07 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

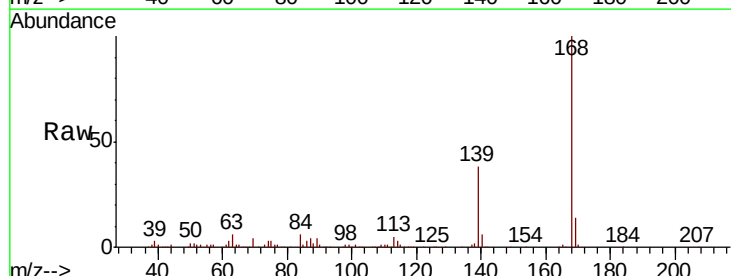
Tgt Ion:168 Resp: 447916

Ion Ratio Lower Upper

168 100

139 37.7 31.0 46.6

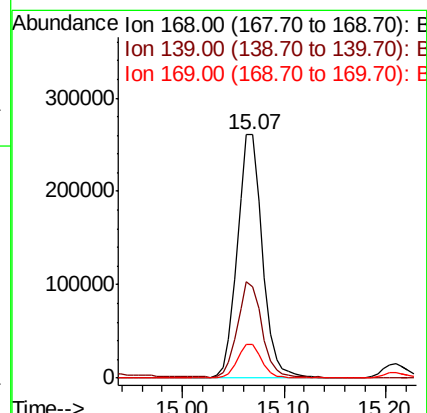
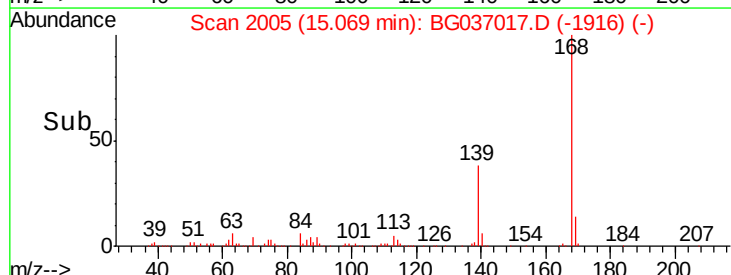
169 13.8 11.1 16.7

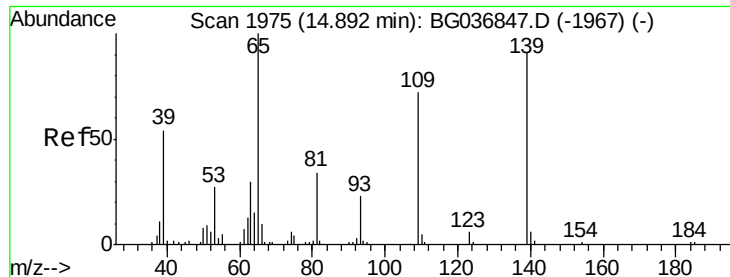


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 108.283 ng

RT: 14.89 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampleId :

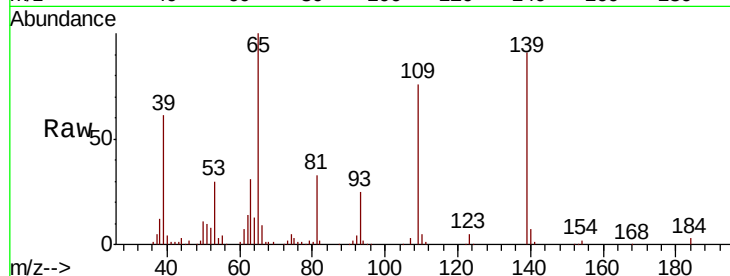
Tot Ion:139 Resp: 147958

Ion Ratio Lower Upper

139 100

109 83.8 63.9 103.9

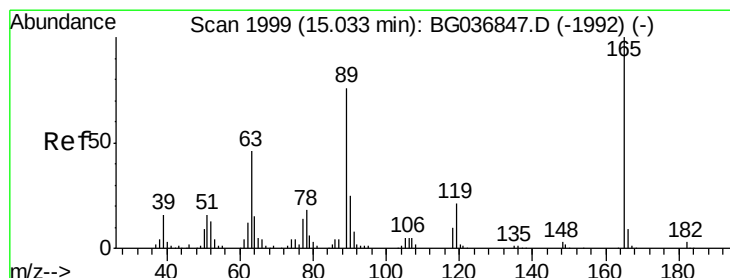
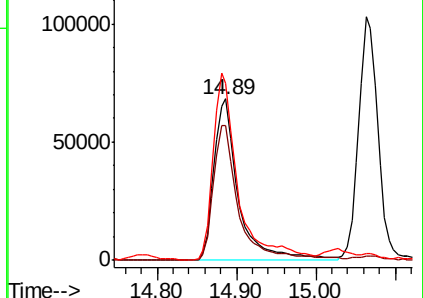
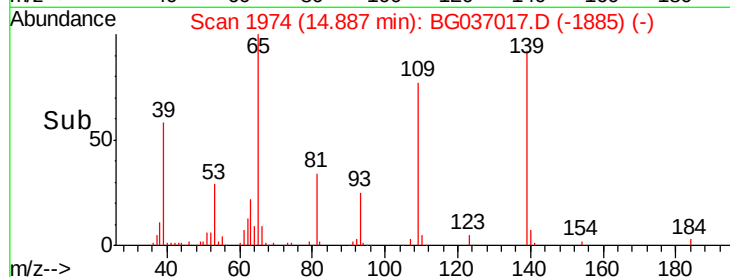
65 109.6 90.0 130.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 44.084 ng

RT: 15.03 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Tgt Ion:165 Resp: 124859

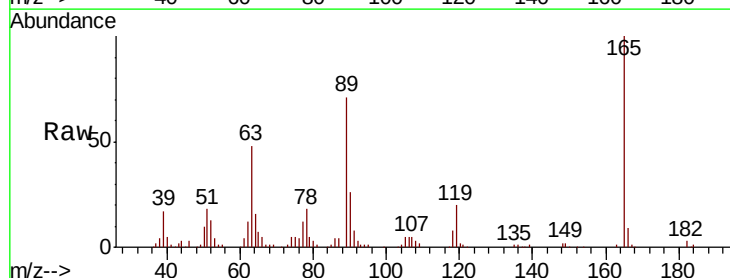
Ion Ratio Lower Upper

165 100

63 47.9 40.1 60.1

89 71.3 63.7 95.5

182 3.3 2.5 3.7

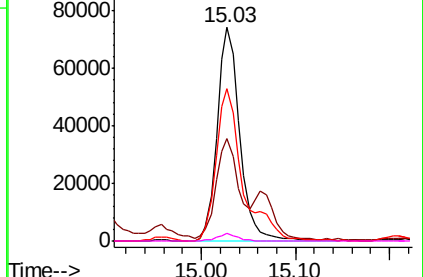
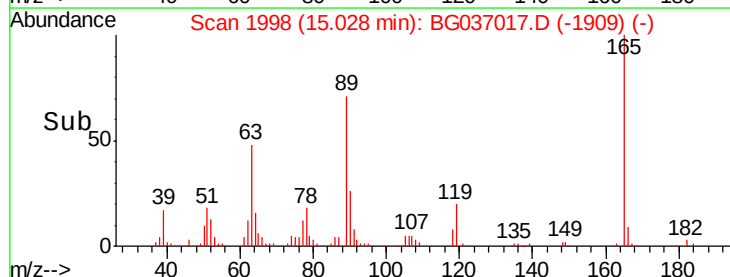


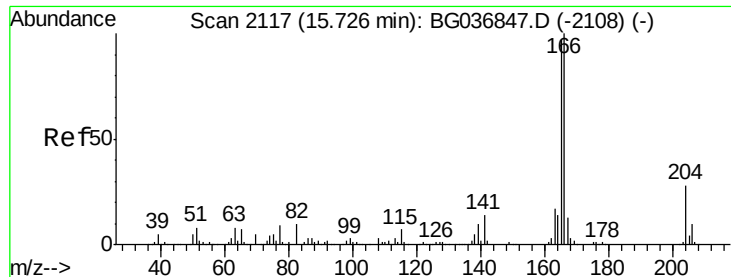
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.368 ng

RT: 15.72 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampleId :

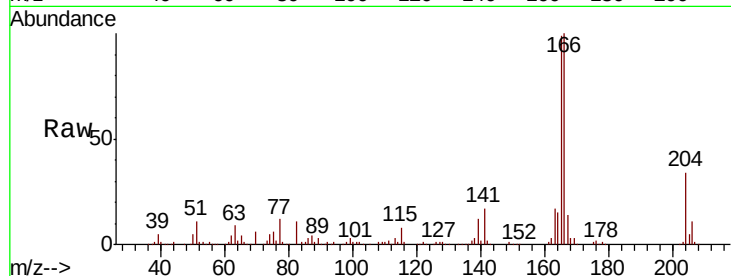
Tot Ion:166 Resp: 369784

Ion Ratio Lower Upper

166 100

165 99.0 77.0 115.4

167 14.4 10.6 16.0

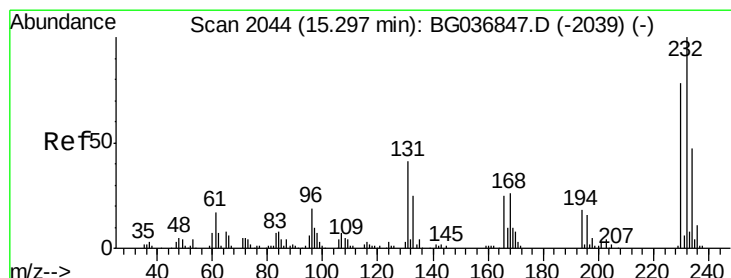
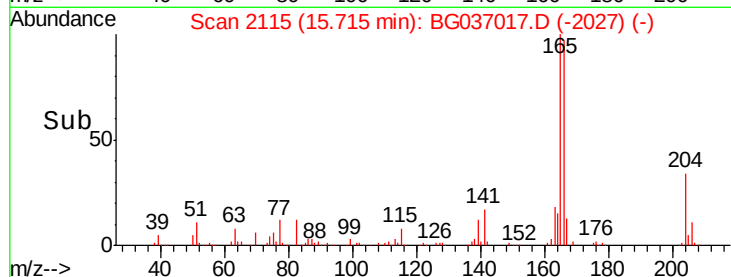
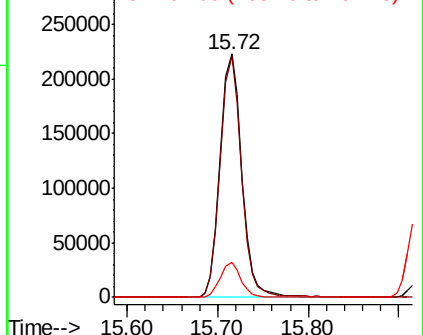


Abundance

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: 47.018 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Tgt Ion:232 Resp: 113849

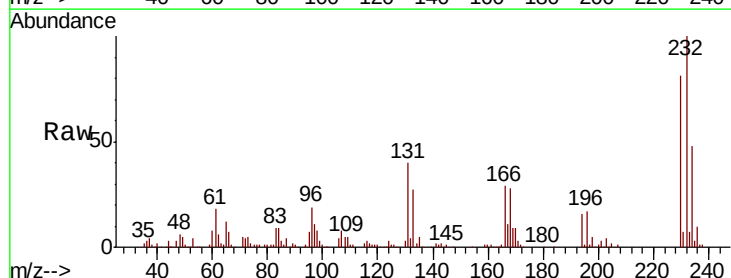
Ion Ratio Lower Upper

232 100

131 40.7 33.8 50.8

130 2.5 2.1 3.1

166 28.7 22.3 33.5



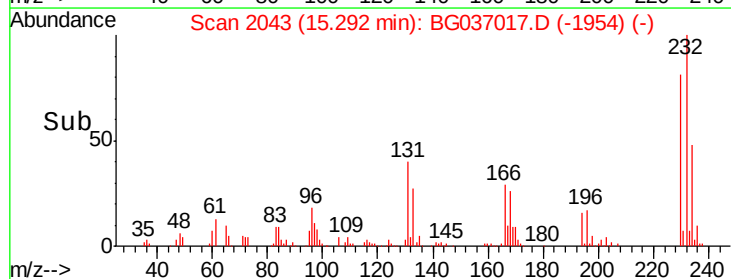
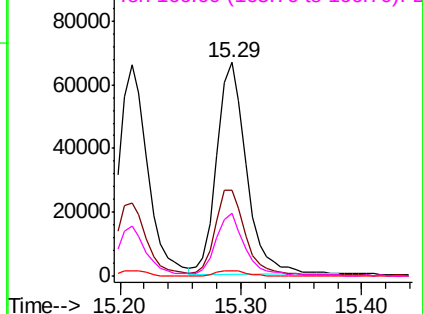
Abundance

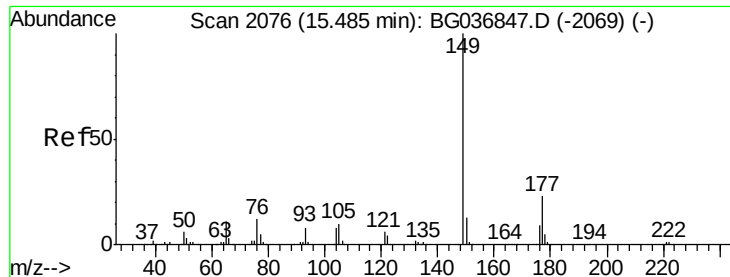
Ion 232.00 (231.70 to 232.70): E

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

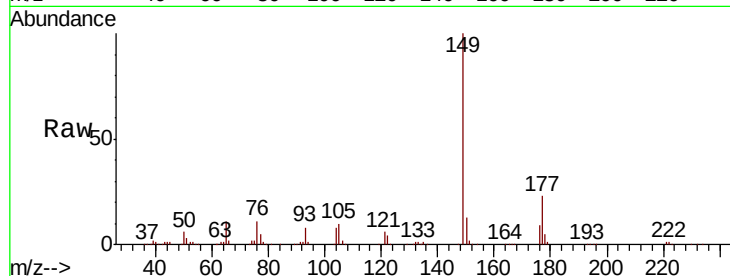




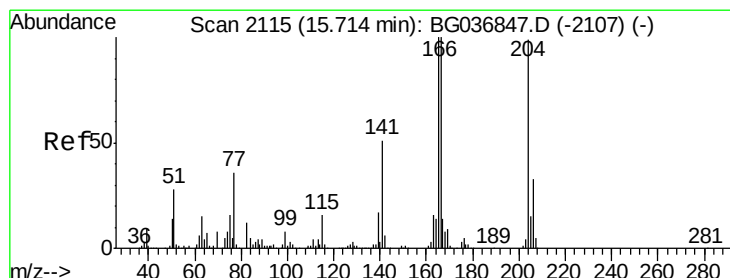
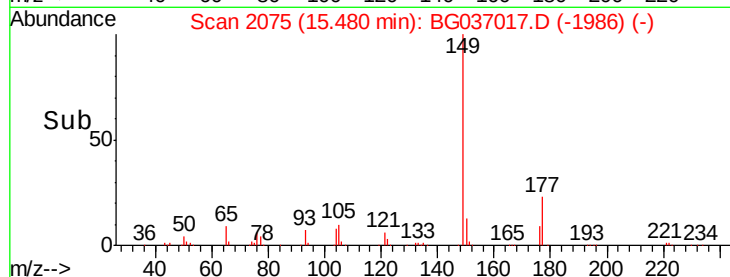
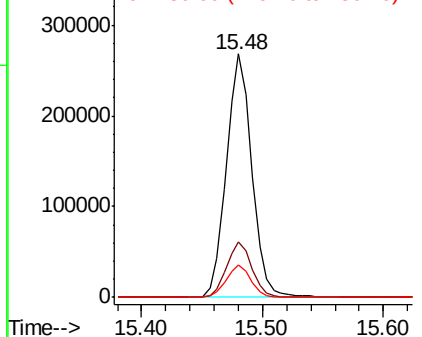
#59
Diethylphthalate
Concen: 41.807 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.1	28.7
150	13.4	10.7	16.1

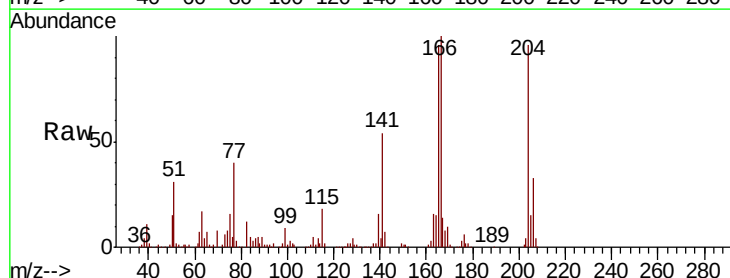


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

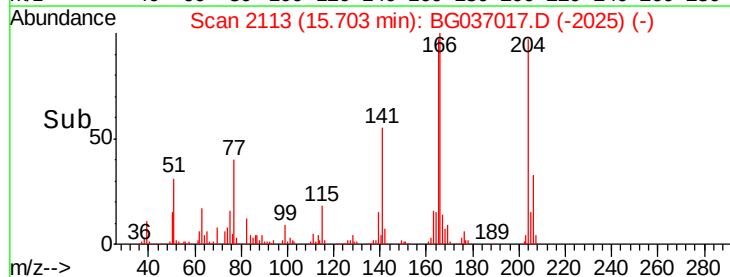
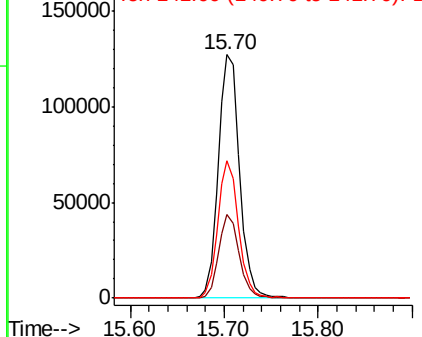


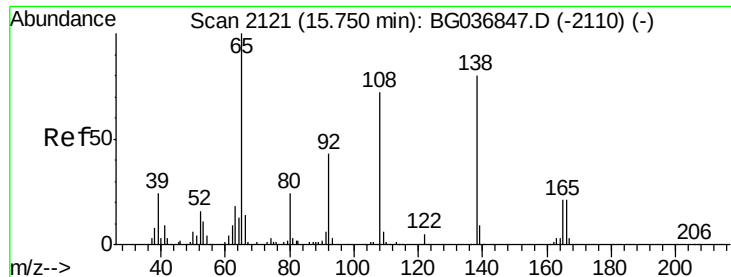
#60
4-Chlorophenyl-phenylether
Concen: 38.200 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	27.0	40.4
141	56.5	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

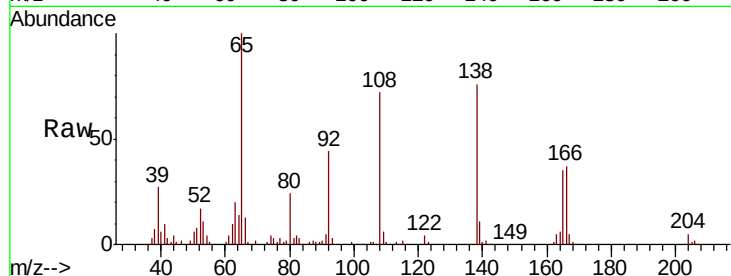




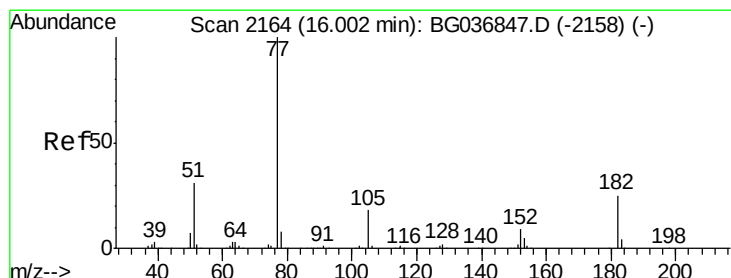
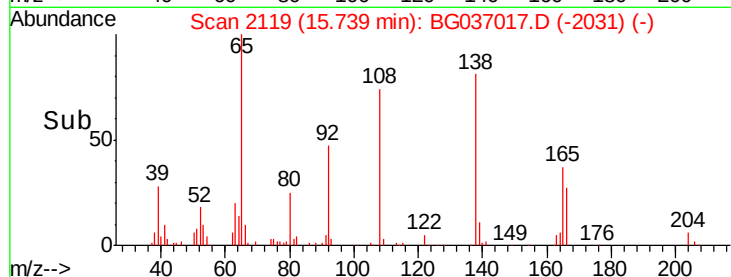
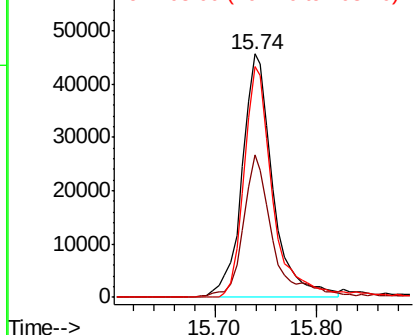
#61
4-Nitroaniline
Concen: 42.703 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 96073
Ion Ratio Lower Upper
138 100
92 58.3 38.5 78.5
108 94.7 70.3 110.3

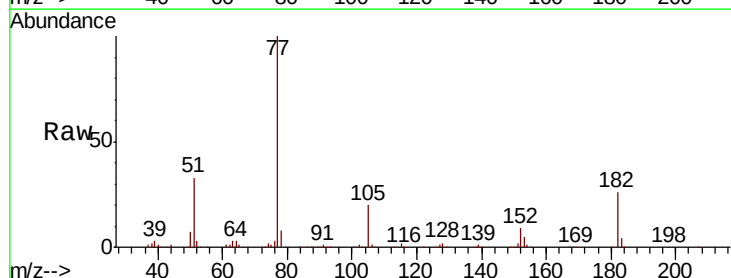


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

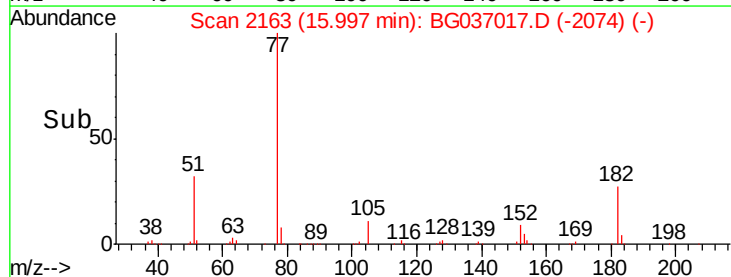
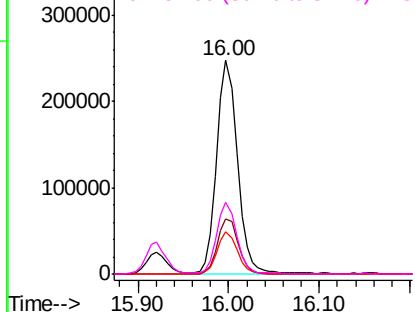


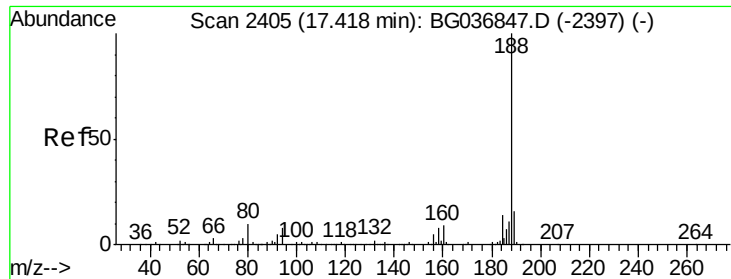
#62
Azobenzene
Concen: 43.447 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion: 77 Resp: 391707
Ion Ratio Lower Upper
77 100
182 26.0 6.7 46.7
105 19.6 0.0 39.8
51 33.4 12.4 52.4



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampled :

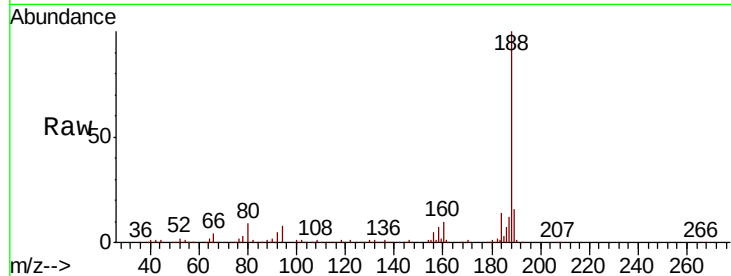
Tot Ion:188 Resp: 310037

Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

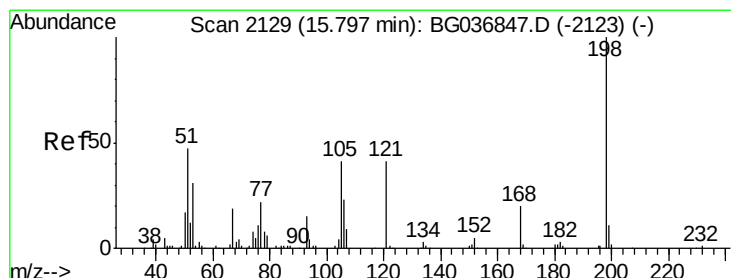
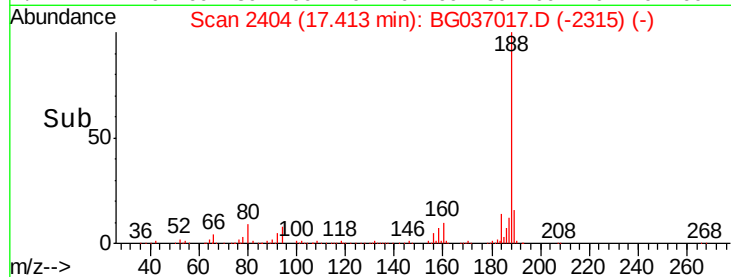
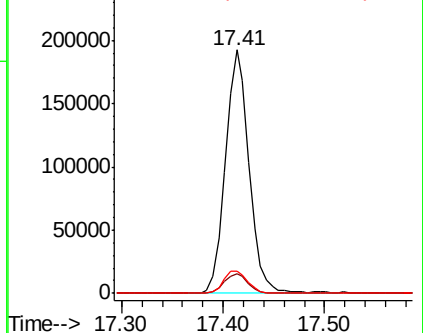
80 9.1 8.1 12.1



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: 44.393 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

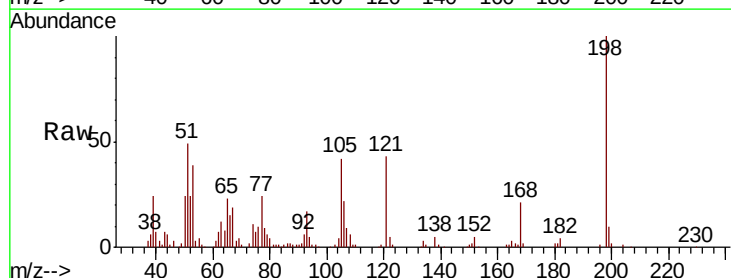
Tgt Ion:198 Resp: 71957

Ion Ratio Lower Upper

198 100

51 49.2 26.5 66.5

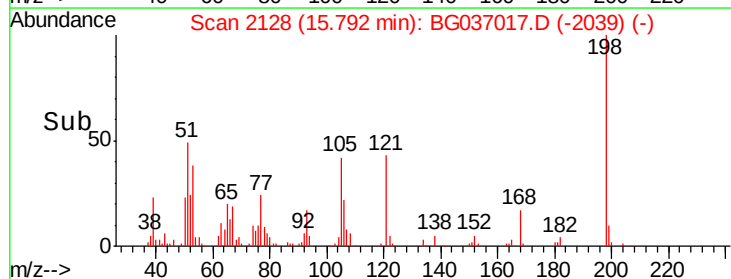
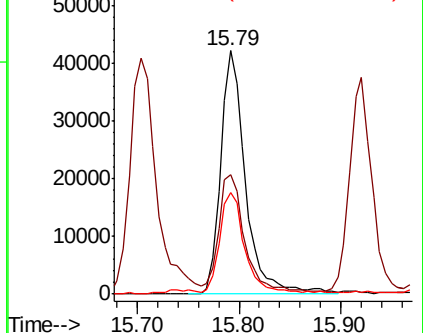
105 41.7 20.2 60.2

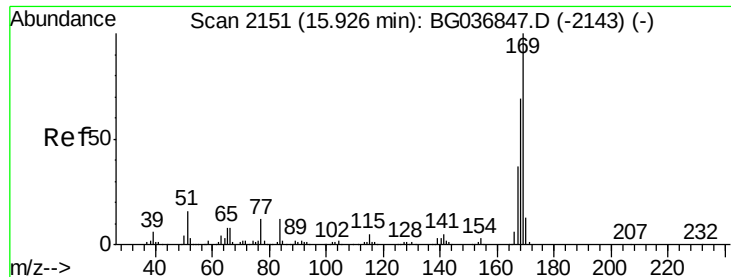


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

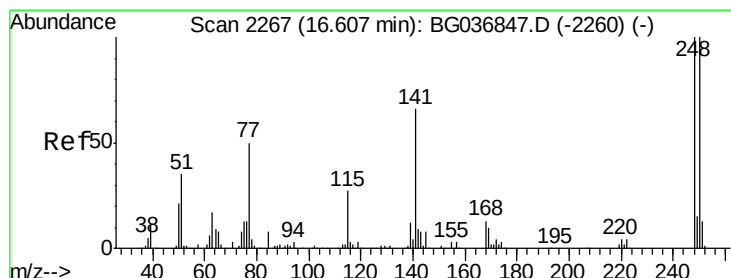
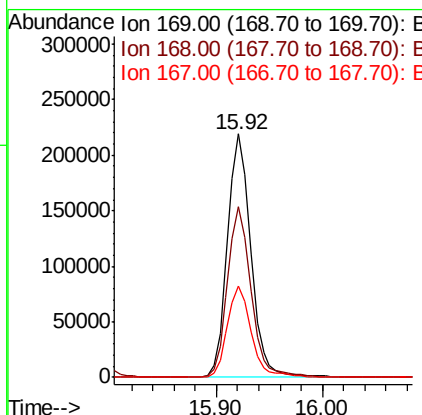
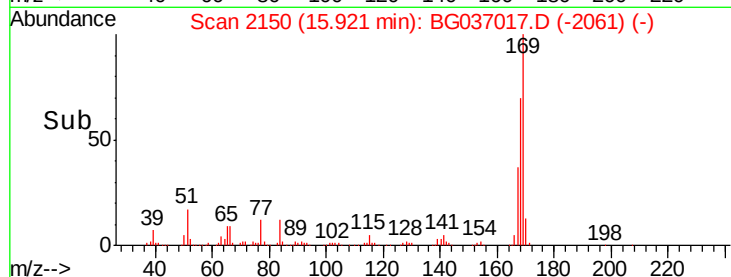
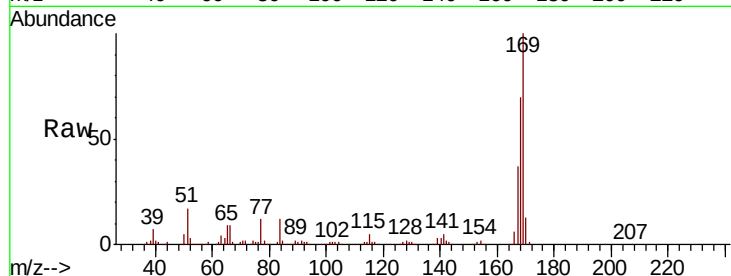




#65
 n-Nitrosodiphenylamine
 Concen: 39.285 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

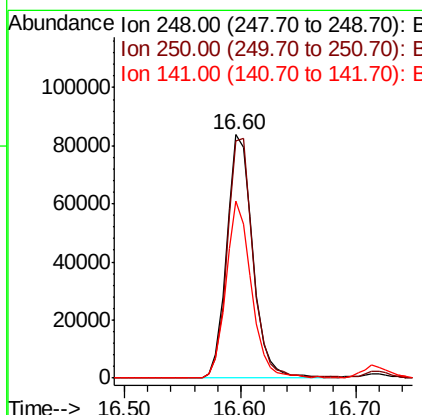
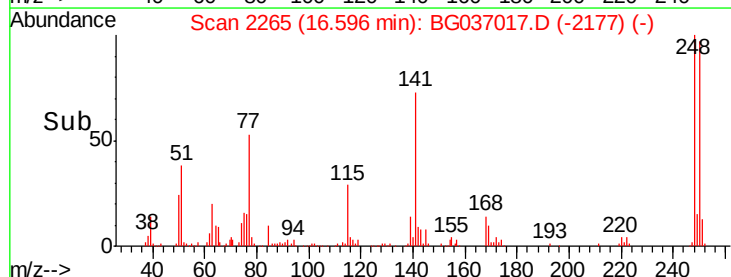
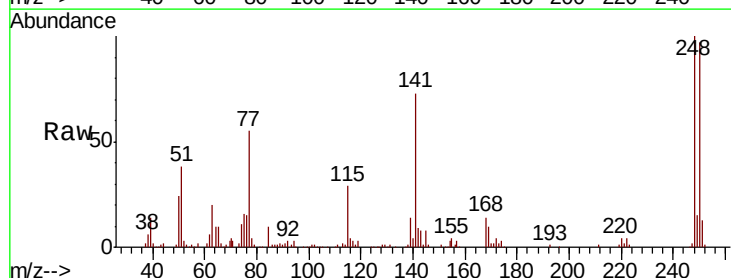
Instrument :
 BNA_G
 ClientSampled :

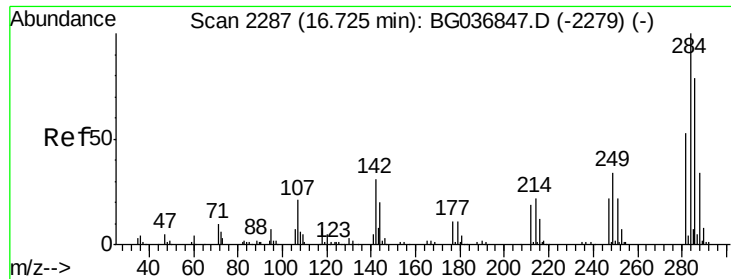
Tot Ion	Ratio	Lower	Upper
169	100		
168	70.1	57.6	86.4
167	37.3	31.0	46.4



#66
 4-Bromophenyl-phenylether
 Concen: 37.047 ng
 RT: 16.60 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.1	117.1
141	72.6	53.7	80.5

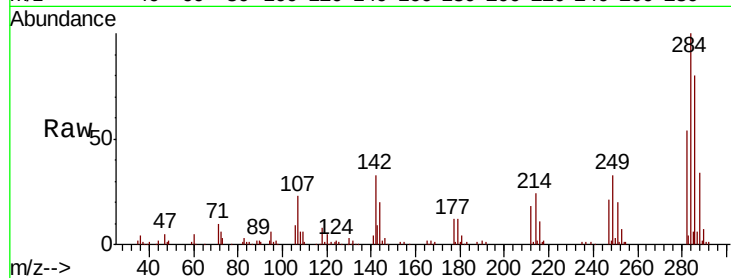




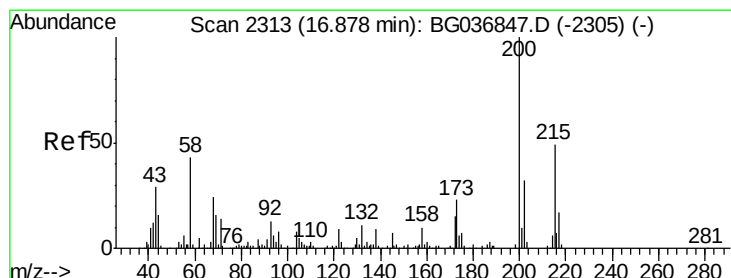
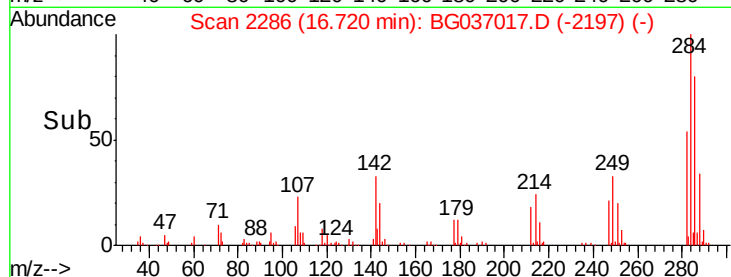
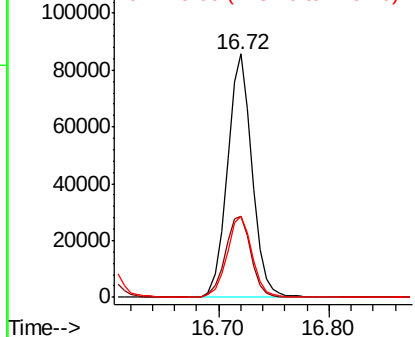
#67
Hexachlorobenzene
Concen: 36.749 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.5	27.8	41.6
249	33.1	27.4	41.2

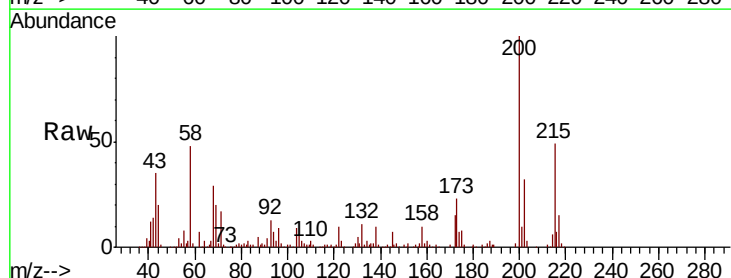


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

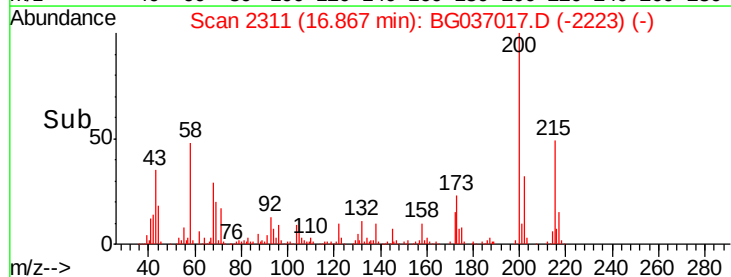
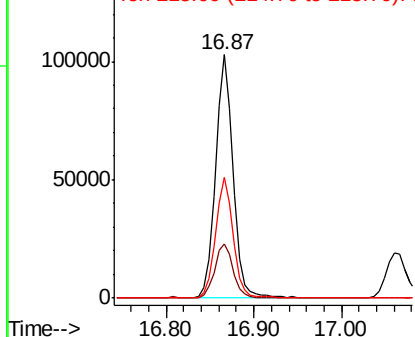


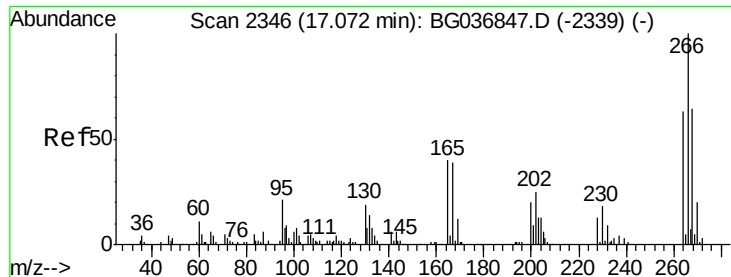
#68
Atrazine
Concen: 41.320 ng
RT: 16.87 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.5	3.9	43.9
215	49.3	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

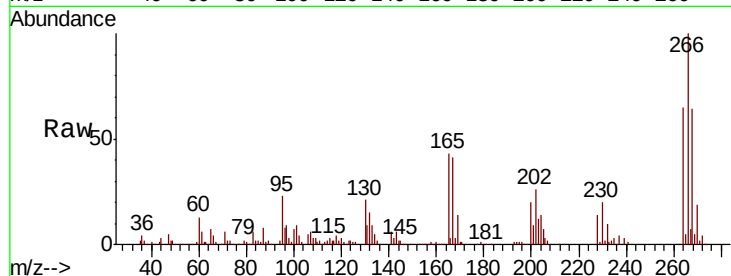




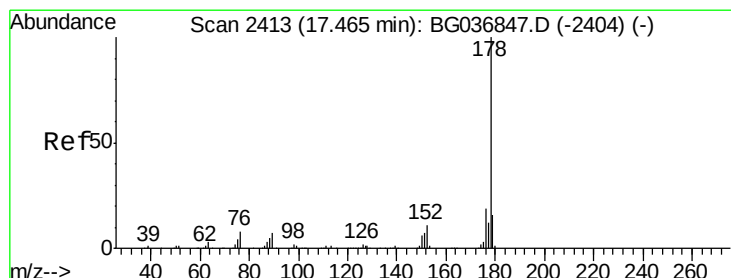
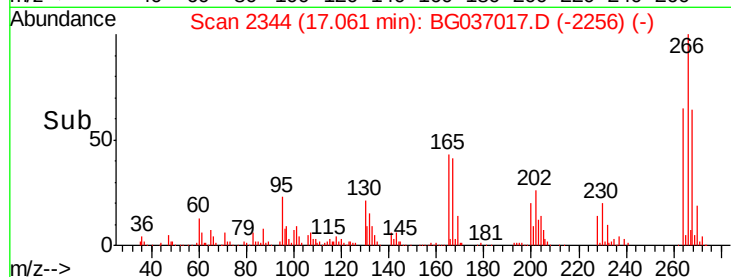
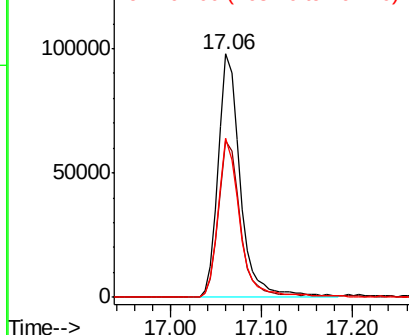
#69
 Pentachlorophenol
 Concen: 72.682 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.4	77.2
264	65.4	48.9	73.3

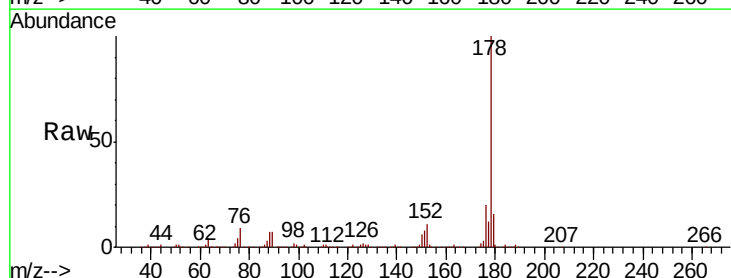


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

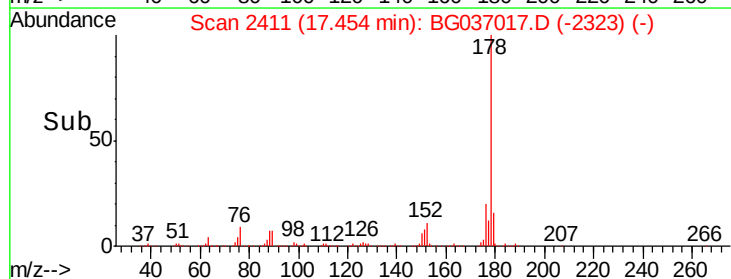
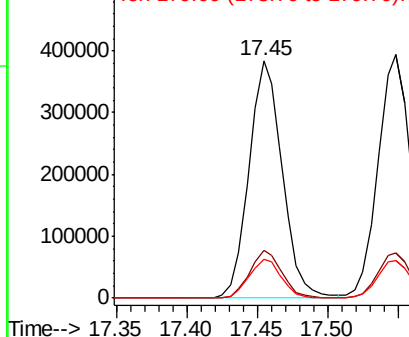


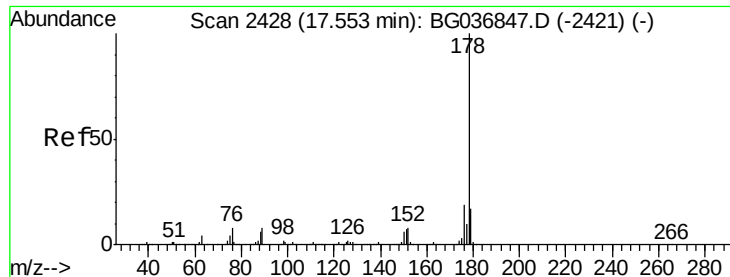
#70
 Phenanthrene
 Concen: 42.487 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	16.4	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

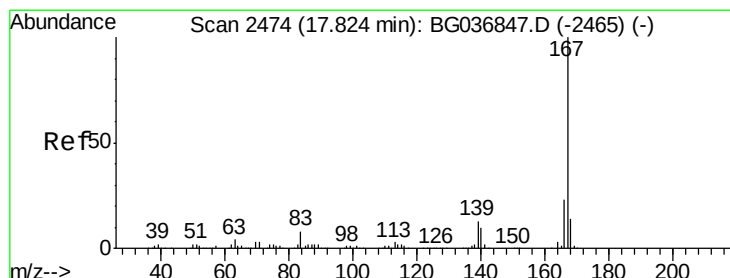
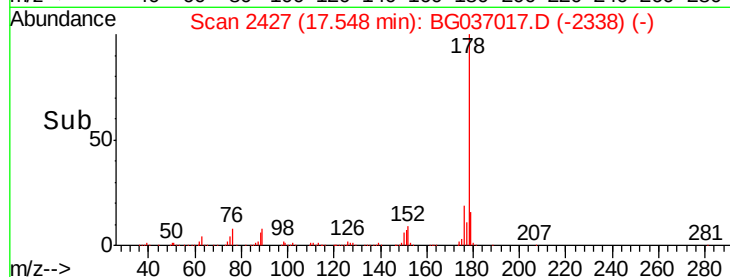
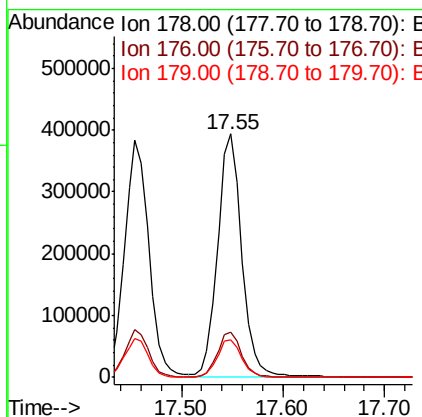
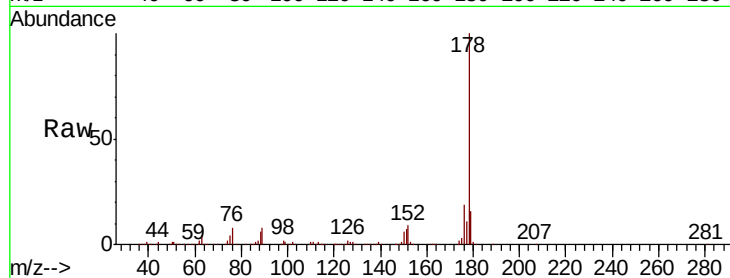




#71
 Anthracene
 Concen: 43.949 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

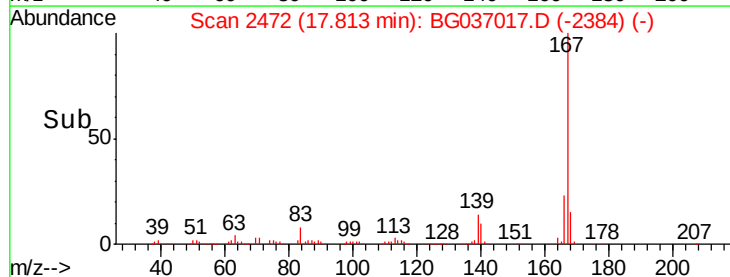
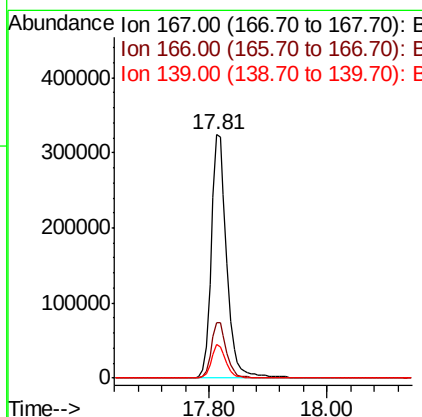
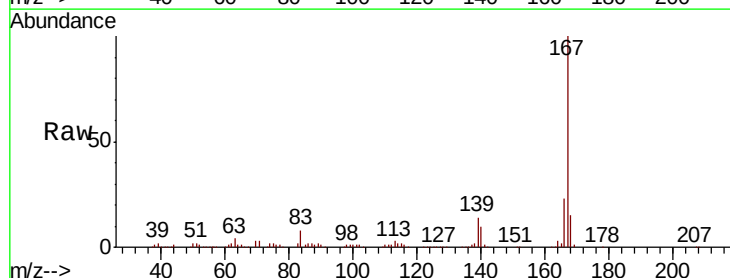
Instrument :
 BNA_G
 ClientSampled :

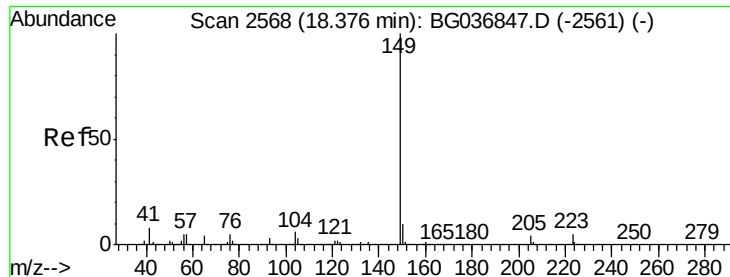
Tot Ion:178 Resp: 649271
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.6 13.0 19.4



#72
 Carbazole
 Concen: 40.980 ng
 RT: 17.81 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Tgt Ion:167 Resp: 590274
 Ion Ratio Lower Upper
 167 100
 166 22.9 19.5 29.3
 139 13.7 10.7 16.1

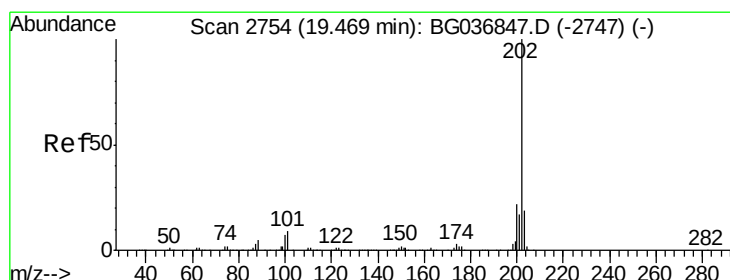
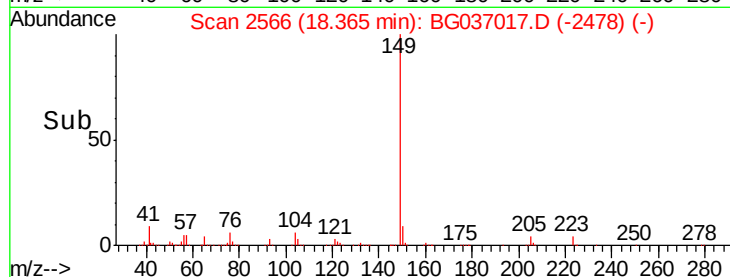
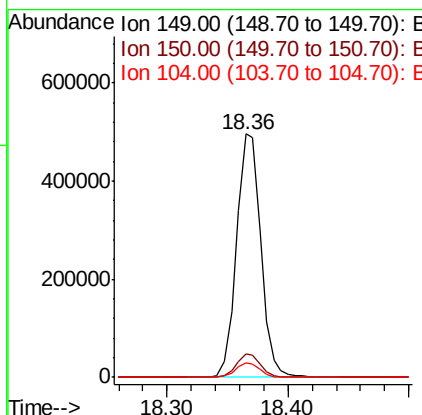
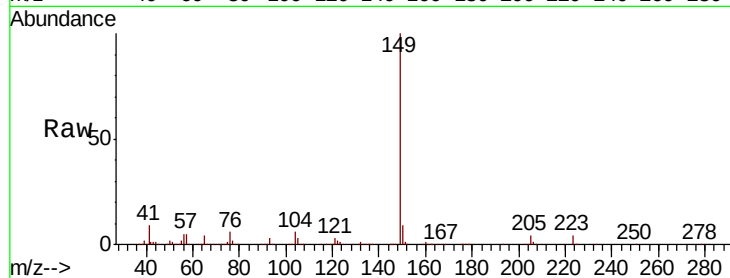




#73
Di-n-butylphthalate
Concen: 43.490 ng
RT: 18.36 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

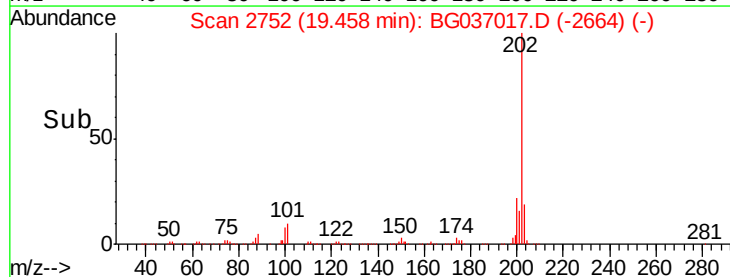
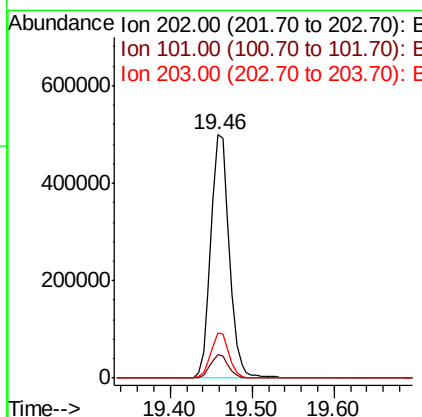
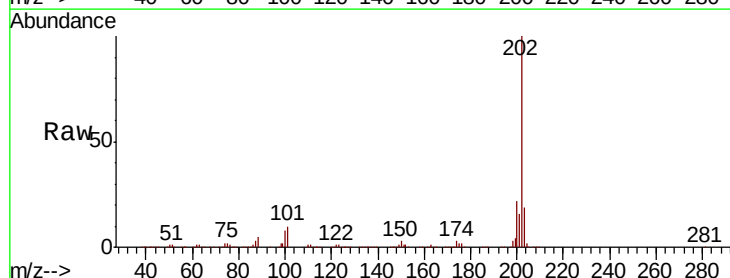
Instrument :
BNA_G
ClientSampleId :

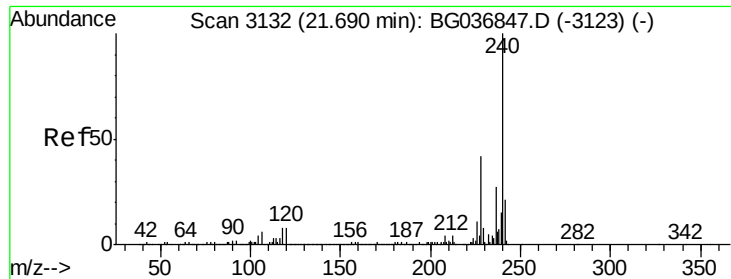
Tot Ion:	149	Resp:	695669
Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	6.1	4.6	6.8



#74
Fluoranthene
Concen: 44.164 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion:	202	Resp:	794253
Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	29.4
203	18.7	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampleId :

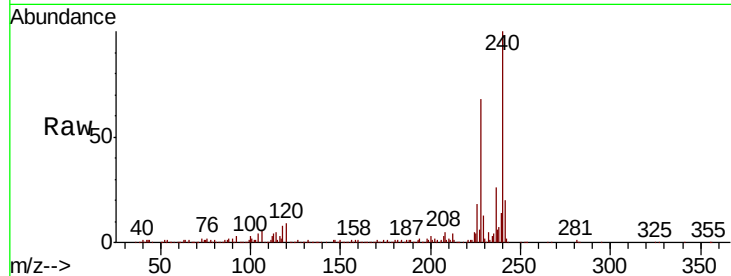
Tot Ion:240 Resp: 314036

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

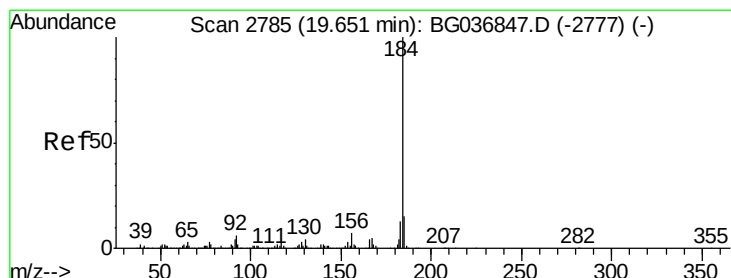
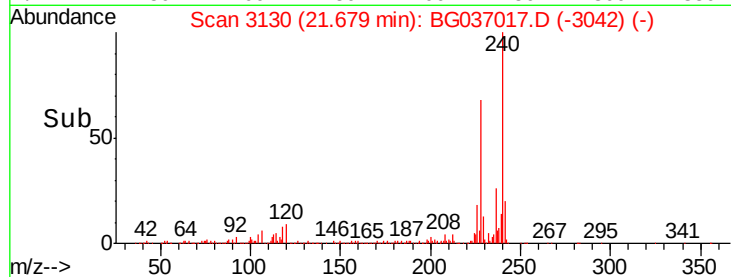
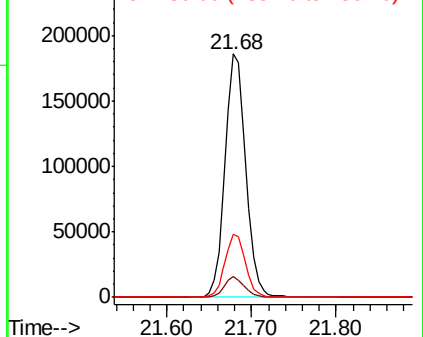
236 26.0 21.2 31.8



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: 37.197 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

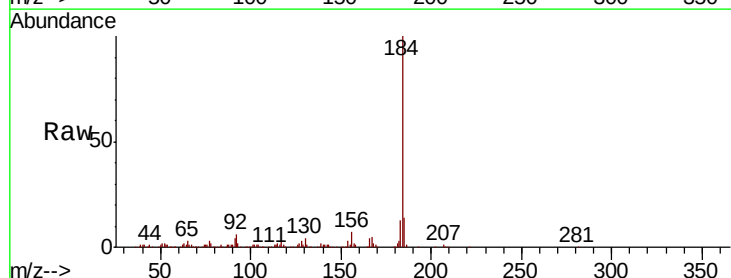
Tgt Ion:184 Resp: 353115

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

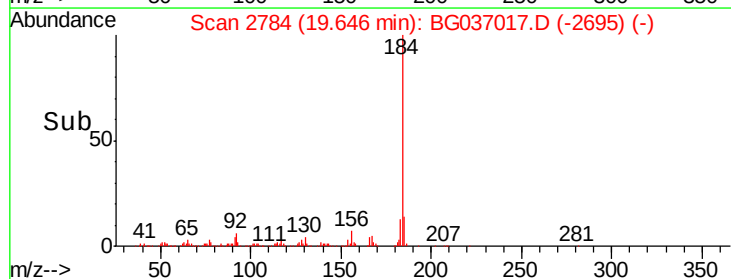
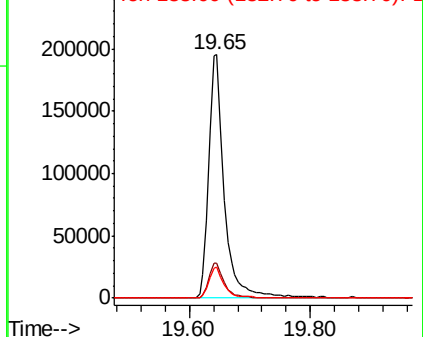
183 13.0 10.9 16.3

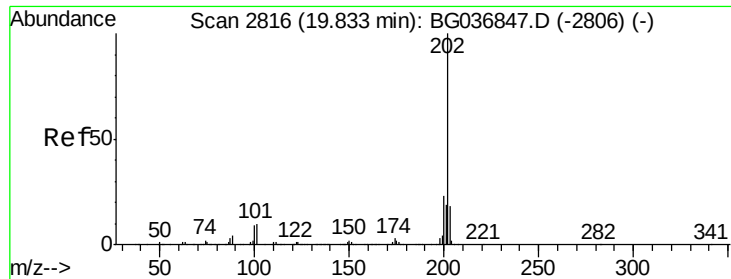


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.512 ng

RT: 19.82 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampleId :

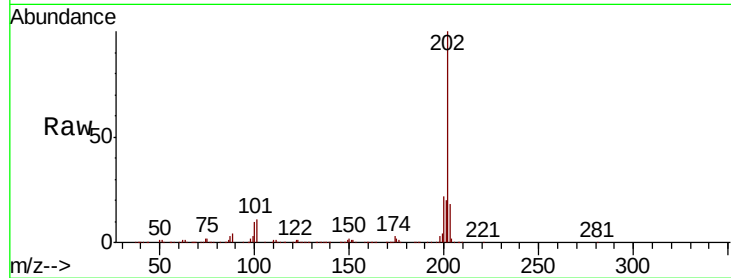
Tot Ion:202 Resp: 782286

Ion Ratio Lower Upper

202 100

200 22.3 18.3 27.5

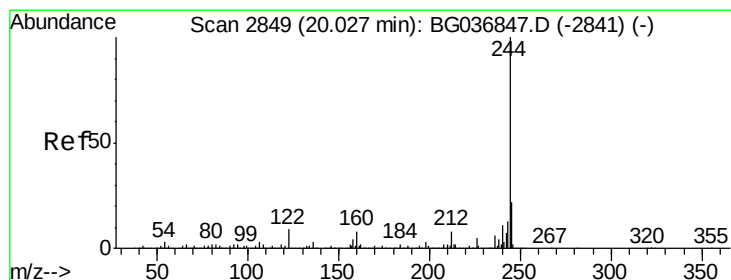
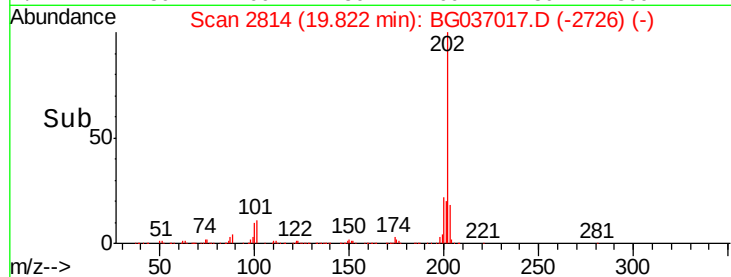
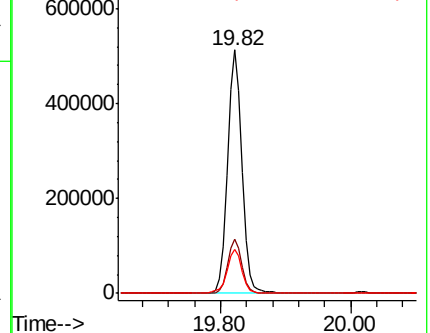
203 18.1 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.973 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

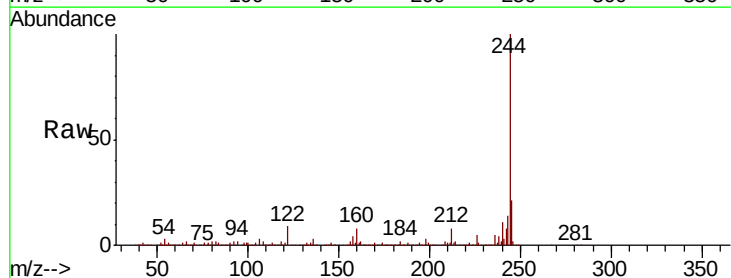
Tgt Ion:244 Resp: 978993

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

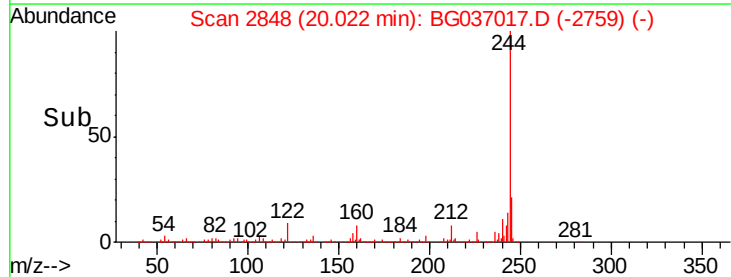
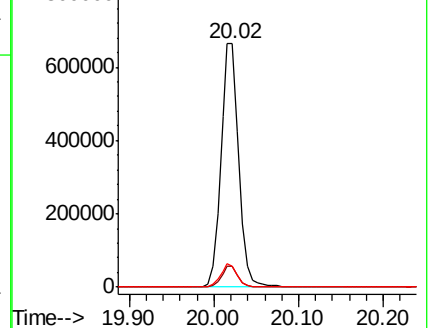
122 8.8 7.1 10.7

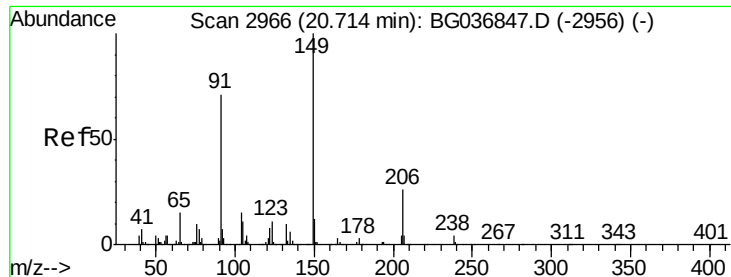


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

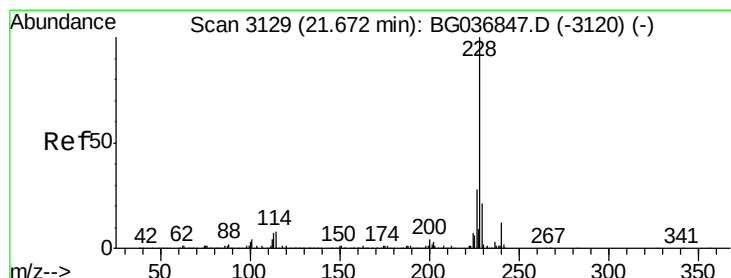
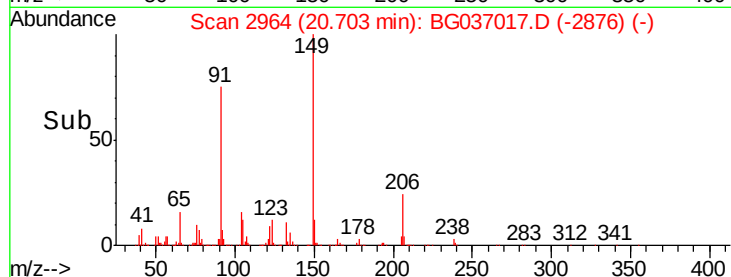
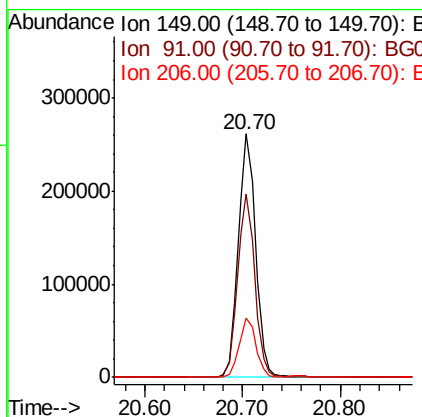
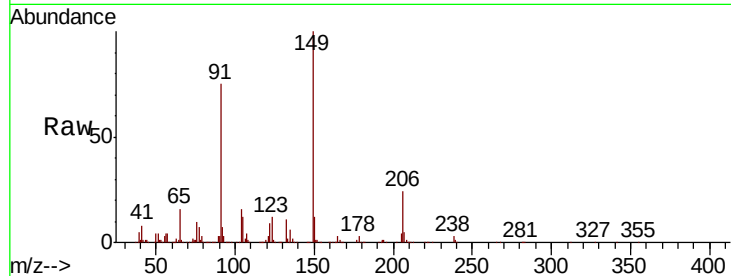




#79
Butylbenzylphthalate
Concen: 43.235 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

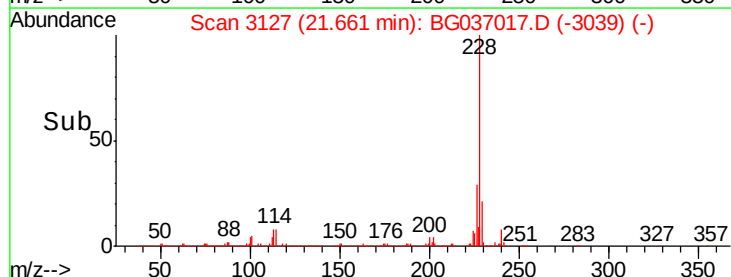
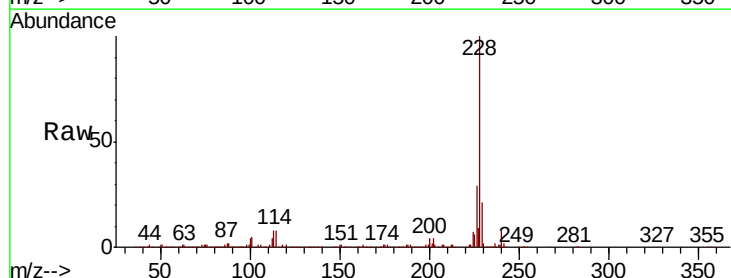
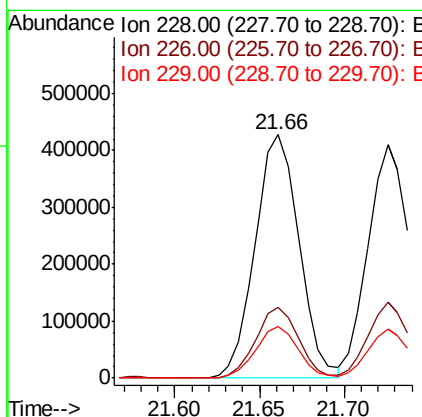
Instrument :
BNA_G
ClientSampleId :

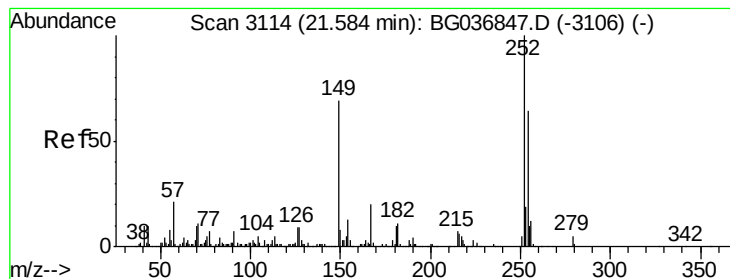
Tot Ion	Ratio	Lower	Upper
149	100		
91	75.5	62.0	93.0
206	24.4	19.6	29.4



#80
Benzo(a)anthracene
Concen: 42.103 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	21.1	17.1	25.7





#81

3,3'-Dichlorobenzidine

Concen: 29.363 ng

RT: 21.57 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampleId :

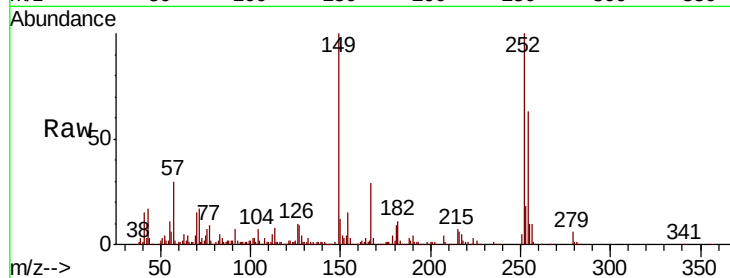
Tot Ion:252 Resp: 204886

Ion Ratio Lower Upper

252 100

254 63.7 51.0 76.4

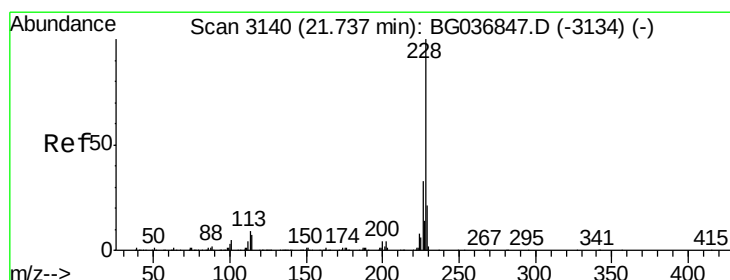
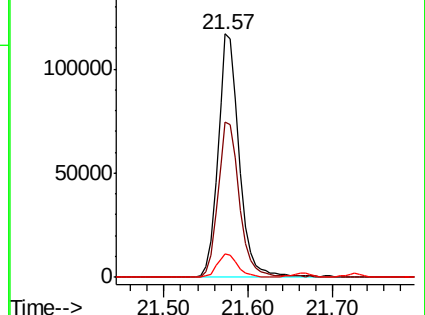
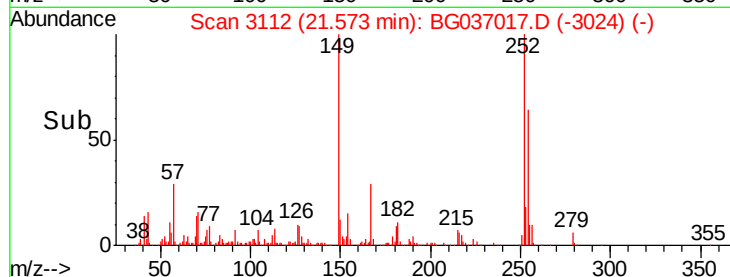
126 9.8 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 40.493 ng

RT: 21.73 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

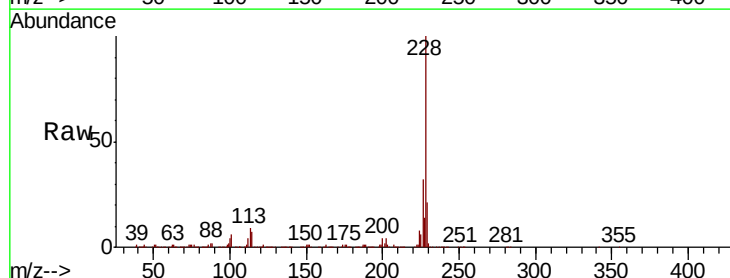
Tgt Ion:228 Resp: 717211

Ion Ratio Lower Upper

228 100

226 32.5 25.5 38.3

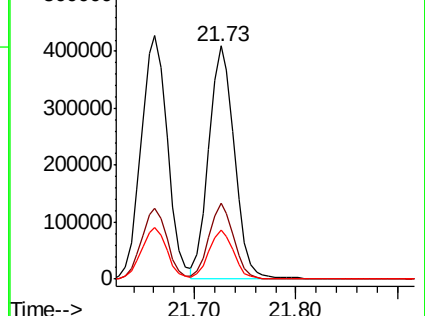
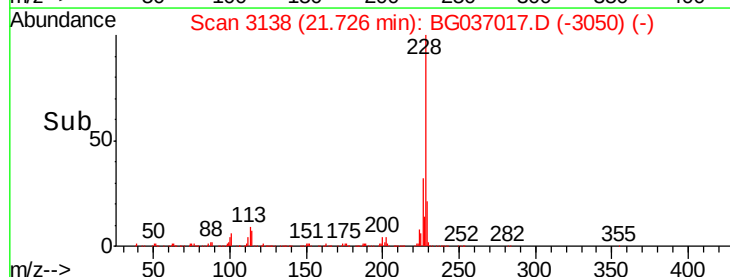
229 20.9 16.9 25.3

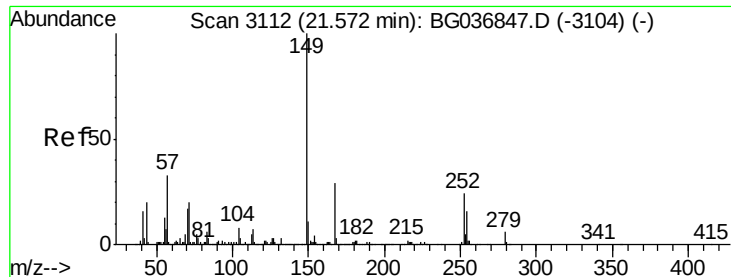


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

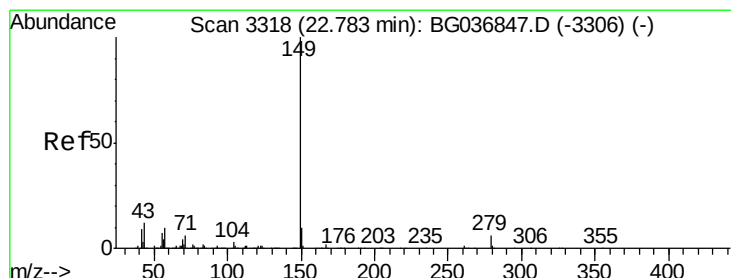
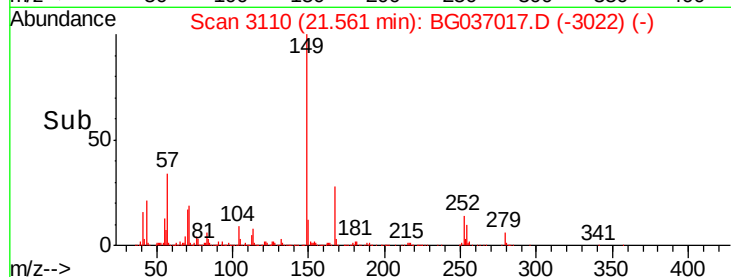
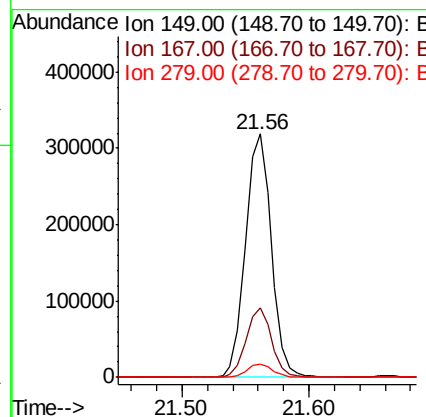
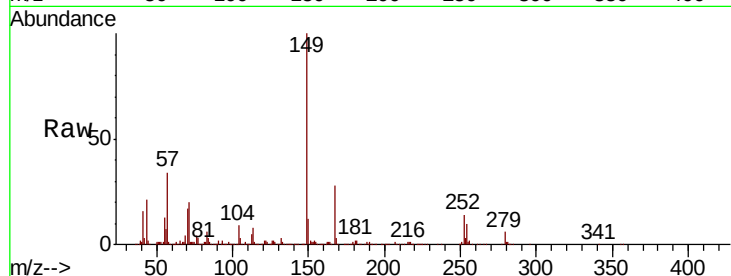




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.890 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

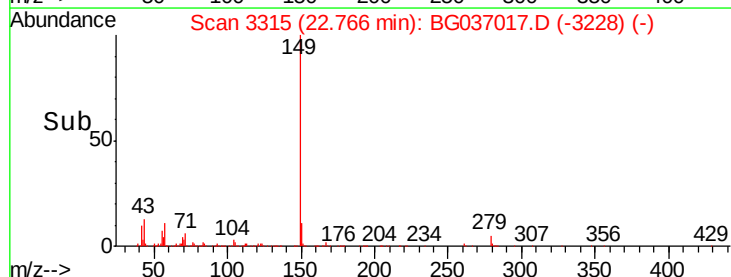
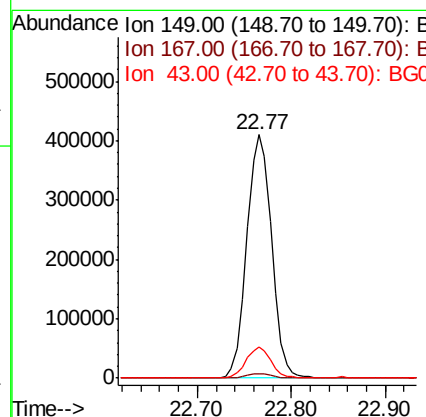
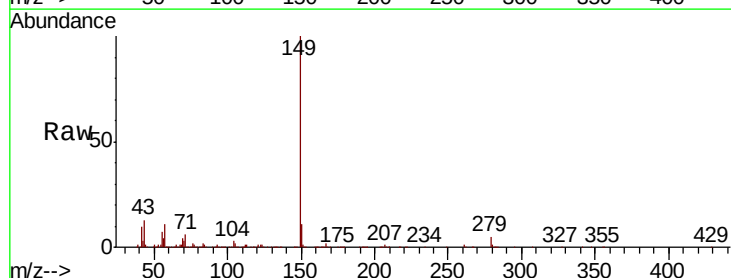
Instrument :
 BNA_G
 ClientSampleId :

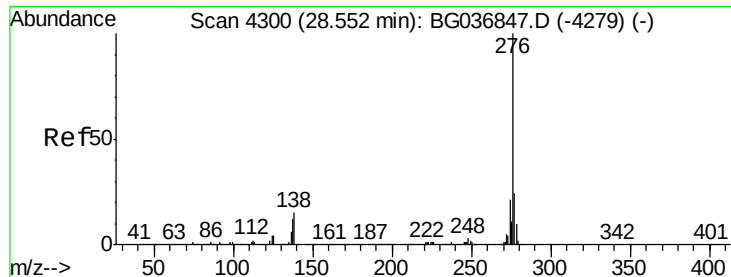
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.4	35.0
279	5.7	4.6	7.0



#84
 Di-n-octyl phthalate
 Concen: 43.363 ng
 RT: 22.77 min Scan# 3315
 Delta R.T. -0.02 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	12.5	10.0	15.0





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.727 ng

RT: 28.54 min Scan# 4297

Delta R.T. -0.02 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampleId :

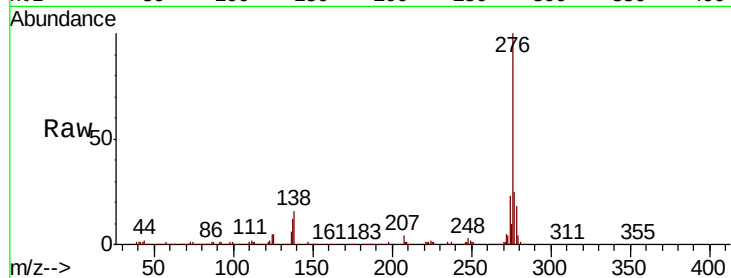
Tot Ion:276 Resp: 831691

Ion Ratio Lower Upper

276 100

138 13.4 10.6 15.8

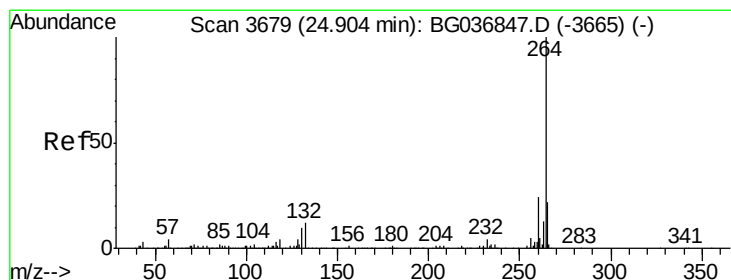
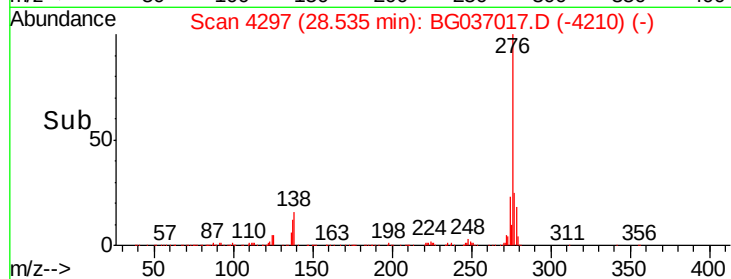
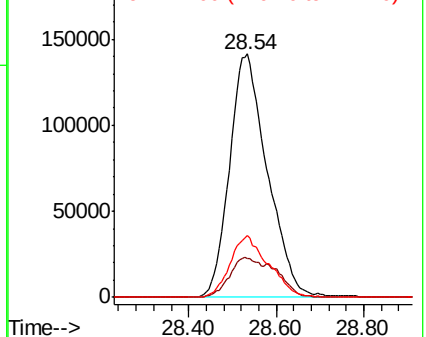
277 25.6 20.6 30.8



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: BG037017.D

Acq: 27 Sep 2018 16:39

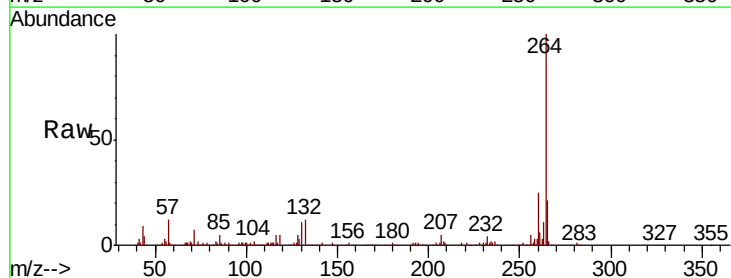
Tgt Ion:264 Resp: 310833

Ion Ratio Lower Upper

264 100

260 25.5 19.6 29.4

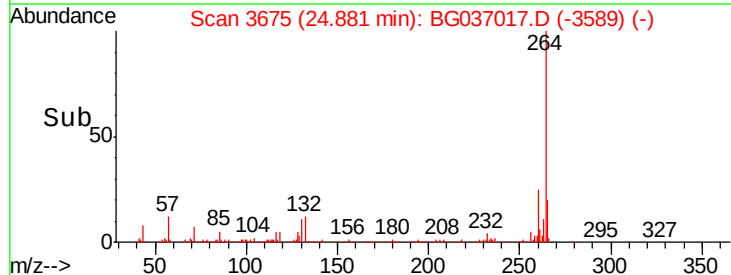
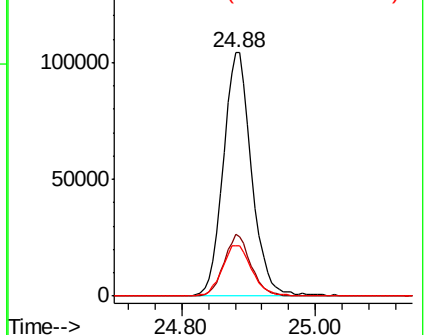
265 20.6 17.4 26.0

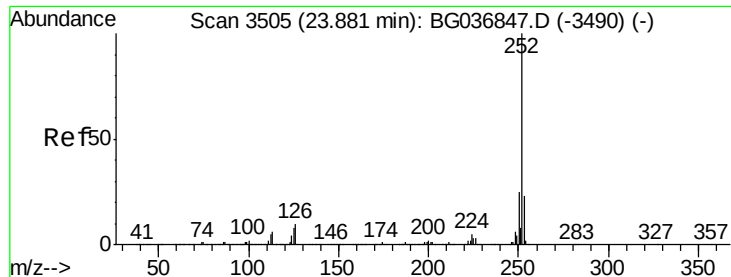


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

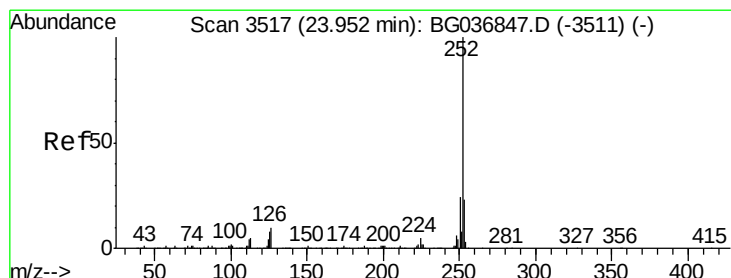
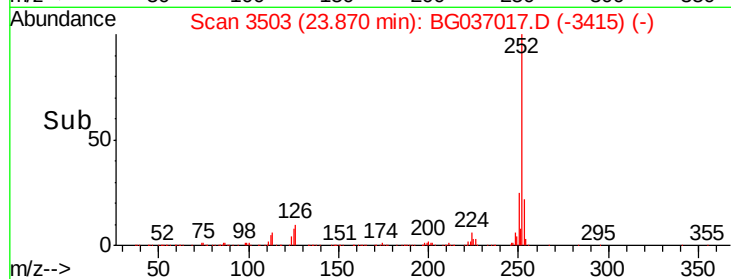
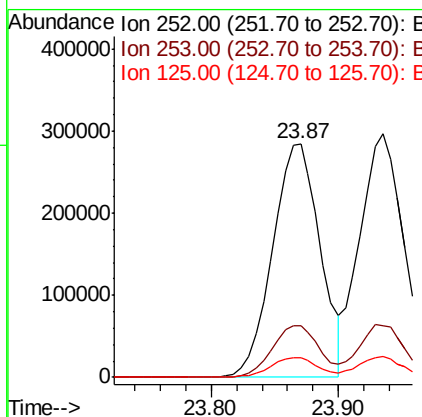
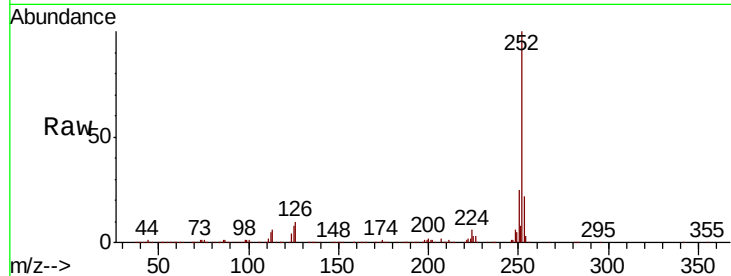




#87
Benzo(b)fluoranthene
Concen: 44.671 ng
RT: 23.87 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

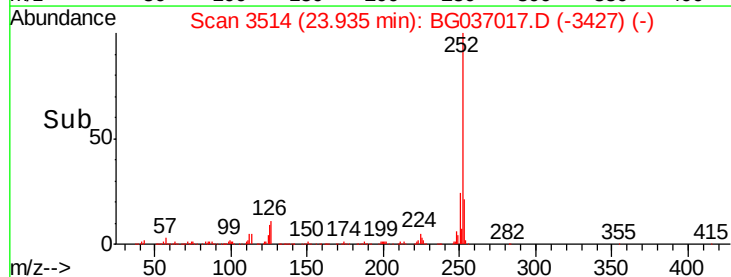
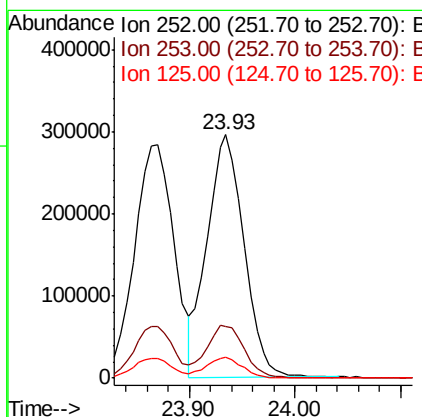
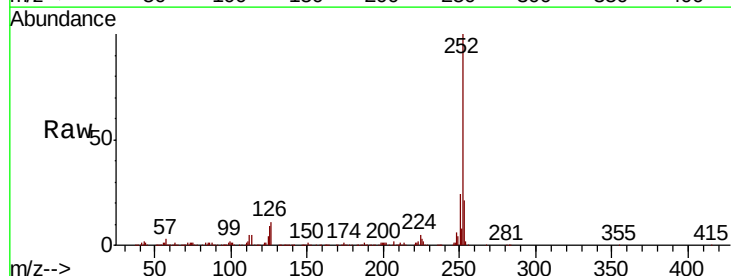
Instrument :
BNA_G
ClientSampleId :

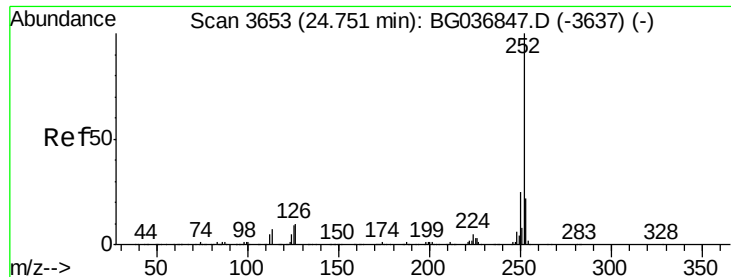
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	8.2	6.6	10.0



#88
Benzo(k)fluoranthene
Concen: 43.387 ng
RT: 23.93 min Scan# 3514
Delta R.T. -0.02 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	8.7	7.0	10.6





#89

Benzo(a)pyrene

Concen: 44.862 ng

RT: 24.73 min Scan# 3650

Delta R.T. -0.02 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampleId :

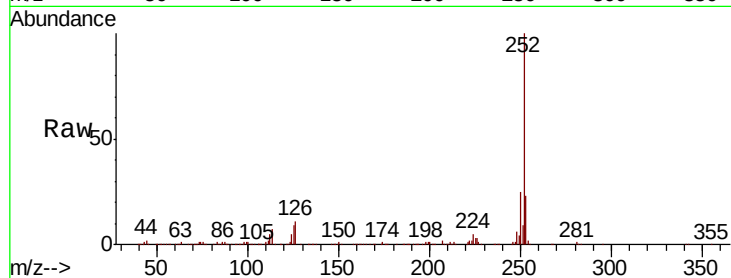
Tot Ion:252 Resp: 718444

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

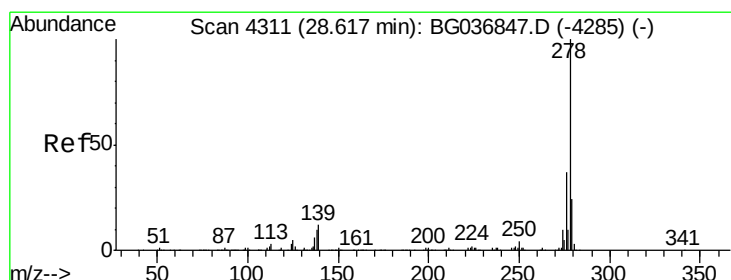
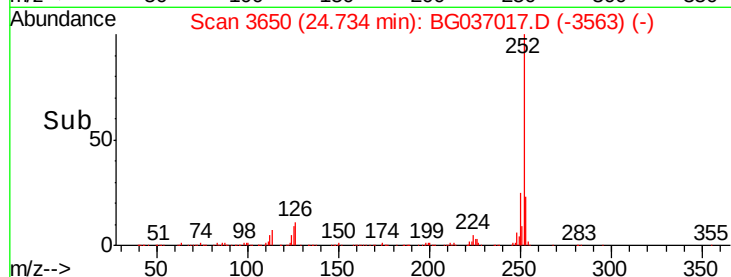
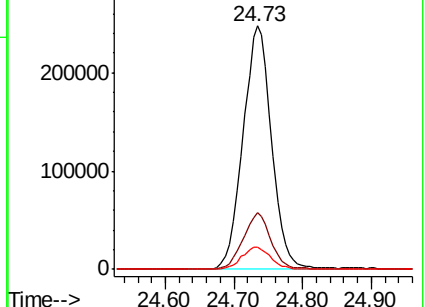
125 8.9 7.3 10.9



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: 44.929 ng

RT: 28.60 min Scan# 4308

Delta R.T. -0.02 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

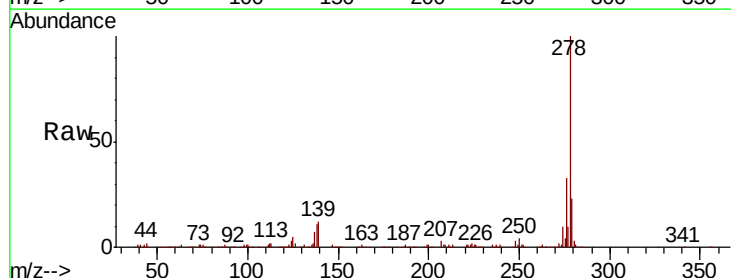
Tgt Ion:278 Resp: 674342

Ion Ratio Lower Upper

278 100

139 12.4 11.0 16.4

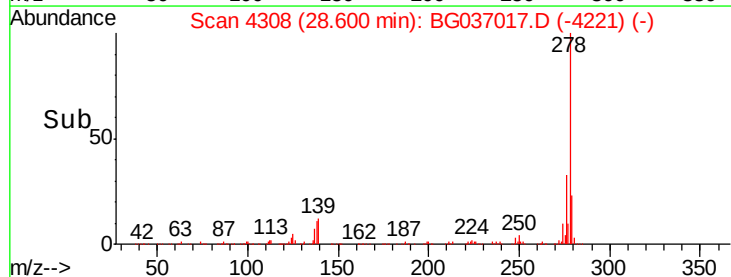
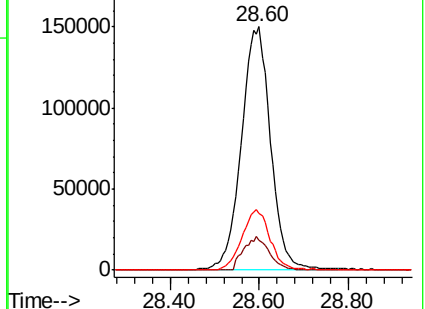
279 23.4 18.7 28.1

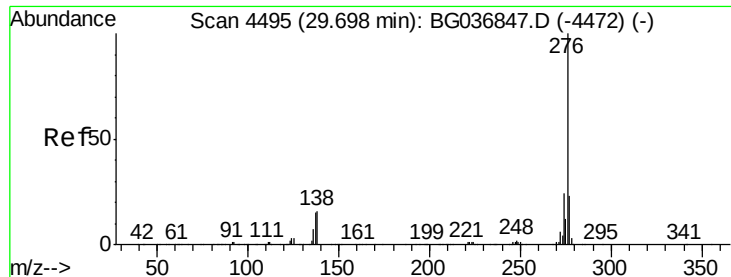


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

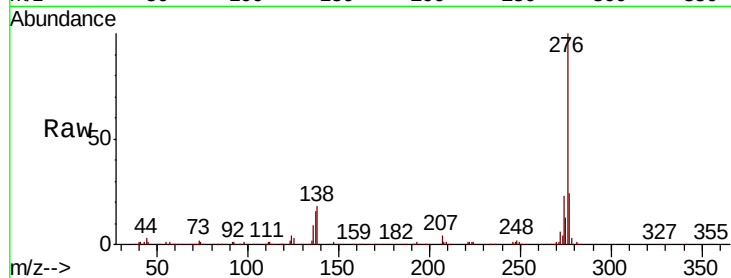




#91
 Benzo(a,h,i)perylene
 Concen: 45.936 ng
 RT: 29.67 min Scan# 4490
 Delta R.T. -0.03 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.4	27.6
138	18.0	14.6	22.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

