

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037018.D
 Acq On : 27 Sep 2018 17:17
 Operator : JU/SJ
 Sample : PB113226BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 27 19:03:56 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	45210	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	196511	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	119867	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	306783	20.00	ng	0.00
75) Chrysene-d12	21.68	240	313258	20.00	ng	0.00
86) Perylene-d12	24.88	264	312459	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	316406	134.22	ng	0.00
7) Phenol-d6	7.21	99	418530	114.75	ng	0.00
23) Nitrobenzene-d5	9.20	82	265958	72.48	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	160969	112.24	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	573397	71.25	ng	-0.01
78) Terphenyl-d14	20.02	244	984740	82.66	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	48926	45.356	ng	98
3) Pyridine	3.92	79	129049	41.432	ng	96
4) n-Nitrosodimethylamine	3.83	42	71786	51.856	ng	# 94
6) Aniline	7.37	93	150402	31.780	ng	98
8) 2-Chlorophenol	7.61	128	126009	46.035	ng	95
9) Benzaldehyde	7.18	77	67884	28.167	ng	94
10) Phenol	7.23	94	172629	45.860	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	133103	38.227	ng	99
12) 1,3-Dichlorobenzene	7.93	146	136530	40.684	ng	99
13) 1,4-Dichlorobenzene	8.08	146	141374	41.166	ng	100
14) 1,2-Dichlorobenzene	8.39	146	131323	39.460	ng	96
15) Benzyl Alcohol	8.28	79	118418	40.013	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	270326	40.439	ng	99
17) 2-Methylphenol	8.48	107	111597	42.561	ng	98
18) Hexachloroethane	9.12	117	54234	42.914	ng	94
19) n-Nitroso-di-n-propylamine	8.84	70	108475	35.751	ng	95
20) 3+4-Methylphenols	8.81	107	149997	41.121	ng	98
22) Acetophenone	8.86	105	191040	41.369	ng	# 96
24) Nitrobenzene	9.25	77	160259	40.895	ng	95
25) Isophorone	9.76	82	298546	44.525	ng	99
26) 2-Nitrophenol	9.96	139	69833	44.707	ng	94
27) 2,4-Dimethylphenol	10.01	122	115831	47.605	ng	92
28) bis(2-Chloroethoxy)methane	10.24	93	170303	41.162	ng	98
29) 2,4-Dichlorophenol	10.49	162	127447	45.185	ng	95
30) 1,2,4-Trichlorobenzene	10.71	180	137745	39.024	ng	98
31) Naphthalene	10.90	128	393415	42.076	ng	98
32) Benzoic acid	10.15	122	67406	37.594	ng	95
33) 4-Chloroaniline	11.01	127	108514	25.525	ng	99
34) Hexachlorobutadiene	11.17	225	93659	38.369	ng	96
35) Caprolactam	11.78	113	29857	25.719	ng	95
36) 4-Chloro-3-methylphenol	12.12	107	145355	43.190	ng	99
37) 2-Methylnaphthalene	12.50	142	295180	41.451	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	166606	39.851	ng	99
40) Hexachlorocyclopentadiene	12.84	237	203957	94.856	ng	96

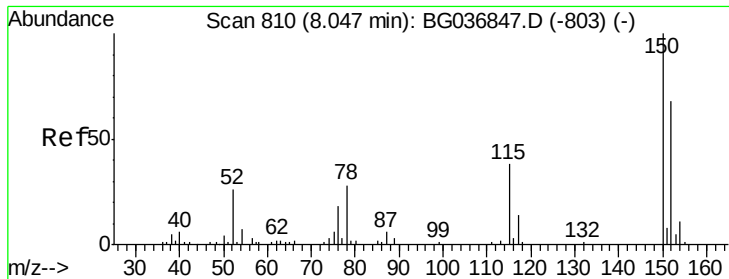
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	105577	45.476	ng	97
43) 2,4,5-Trichlorophenol	13.18	196	118716	47.956	ng	96
45) 1,1'-Biphenyl	13.50	154	376035	40.962	ng	99
46) 2-Chloronaphthalene	13.55	162	286042	39.621	ng	98
47) 2-Nitroaniline	13.75	65	112284	44.966	ng	96
48) Acenaphthylene	14.39	152	485691	42.933	ng	99
49) Dimethylphthalate	14.12	163	392164	40.645	ng	98
50) 2,6-Dinitrotoluene	14.24	165	85273	40.507	ng	96
51) Acenaphthene	14.73	154	281385	41.155	ng	98
52) 3-Nitroaniline	14.58	138	67065	30.233	ng	96
53) 2,4-Dinitrophenol	14.78	184	90842	90.923	ng	92
54) Dibenzofuran	15.06	168	460024	39.777	ng	98
55) 4-Nitrophenol	14.88	139	141528	99.869	ng	92
56) 2,4-Dinitrotoluene	15.03	165	123952	42.197	ng	97
57) Fluorene	15.71	166	368477	42.628	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	115433	45.966	ng	99
59) Diethylphthalate	15.48	149	393560	40.442	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	206314	37.688	ng	96
61) 4-Nitroaniline	15.74	138	97056	41.595	ng	99
62) Azobenzene	16.00	77	401525	42.941	ng	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	72768	45.369	ng	97
65) n-Nitrosodiphenylamine	15.92	169	340248	40.174	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	133796	38.343	ng	97
67) Hexachlorobenzene	16.72	284	133074	37.028	ng	98
68) Atrazine	16.87	200	142102	41.437	ng	99
69) Pentachlorophenol	17.06	266	167192	73.889	ng	98
70) Phenanthrene	17.45	178	630690	42.661	ng	98
71) Anthracene	17.55	178	650283	44.484	ng	99
72) Carbazole	17.82	167	586266	41.133	ng	97
73) Di-n-butylphthalate	18.36	149	692266	43.736	ng	99
74) Fluoranthene	19.46	202	782049	43.947	ng	99
76) Benzidine	19.65	184	340105	35.915	ng	99
77) Pyrene	19.82	202	772152	41.076	ng	99
79) Butylbenzylphthalate	20.70	149	326072	43.518	ng	99
80) Benzo(a)anthracene	21.66	228	777405	42.513	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	206487	29.666	ng	99
82) Chrysene	21.73	228	723780	40.965	ng	100
83) Bis(2-ethylhexyl)phthalate	21.56	149	450385	43.028	ng	98
84) Di-n-octyl phthalate	22.77	149	754589	43.785	ng	100
85) Indeno(1,2,3-cd)pyrene	28.53	276	832197	43.862	ng	98
87) Benzo(b)fluoranthene	23.86	252	733038	44.022	ng	99
88) Benzo(k)fluoranthene	23.93	252	726696	43.499	ng	99
89) Benzo(a)pyrene	24.74	252	722354	44.871	ng	99
90) Dibenzo(a,h)anthracene	28.59	278	678044	44.940	ng	97
91) Benzo(g,h,i)perylene	29.67	276	685726	45.286	ng	99

(#) = 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: BG037018.D

Acq: 27 Sep 2018 17:17

Instrument :

BNA_G

ClientSampleId :

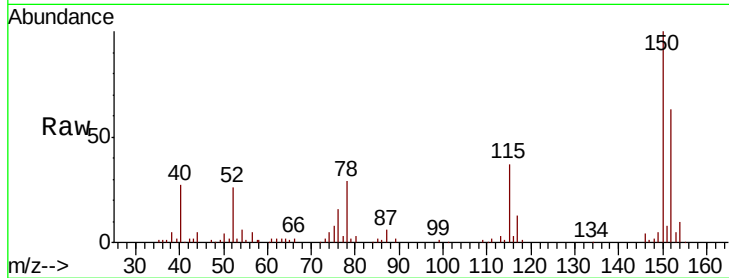
Tot Ion:152 Resp: 45210

Ion Ratio Lower Upper

152 100

150 158.7 119.5 179.3

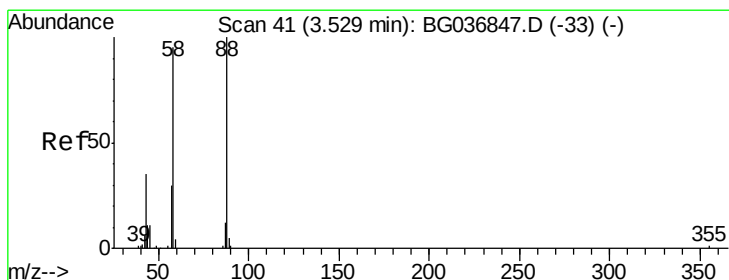
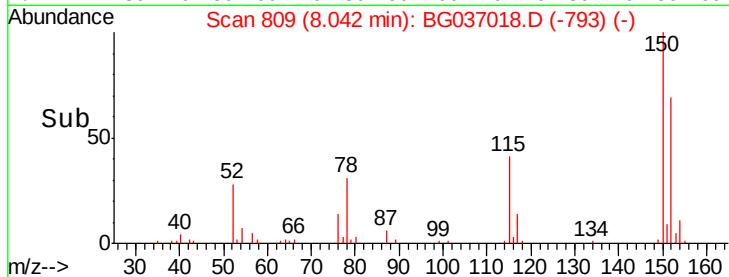
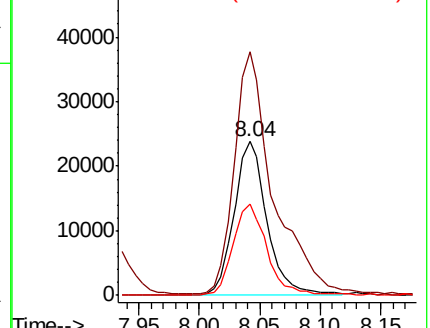
115 59.4 44.5 66.7



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: 45.356 ng

RT: 3.52 min Scan# 40

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

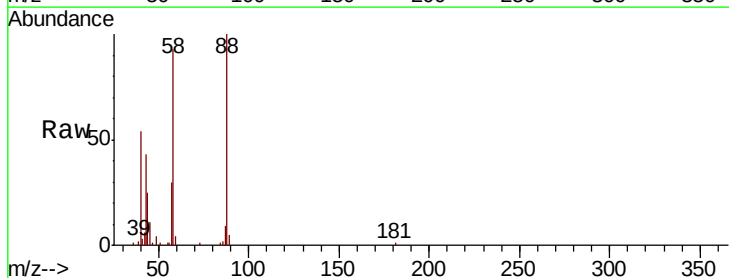
Tgt Ion: 88 Resp: 48926

Ion Ratio Lower Upper

88 100

58 90.2 72.6 109.0

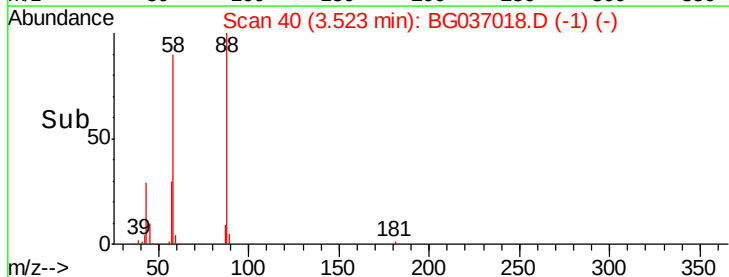
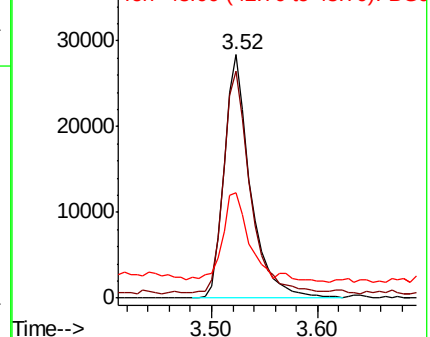
43 39.7 29.0 43.4

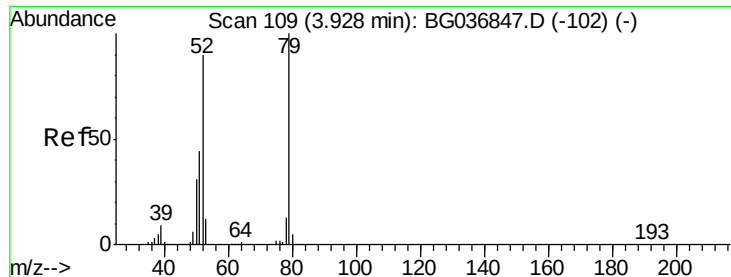


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.432 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

Instrument :

BNA_G

ClientSampleId :

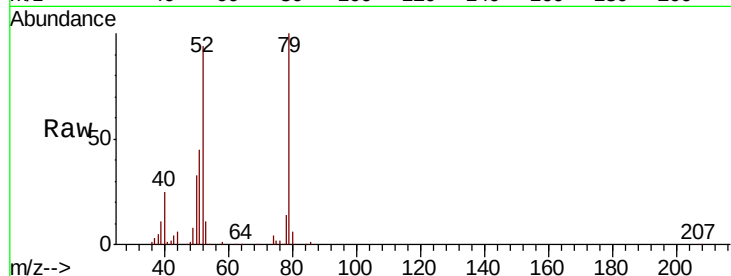
Tot Ion: 79 Resp: 129049

Ion Ratio Lower Upper

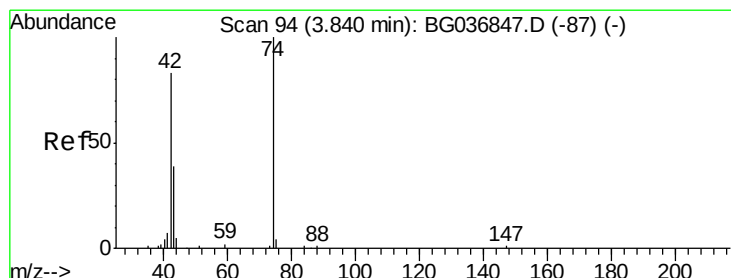
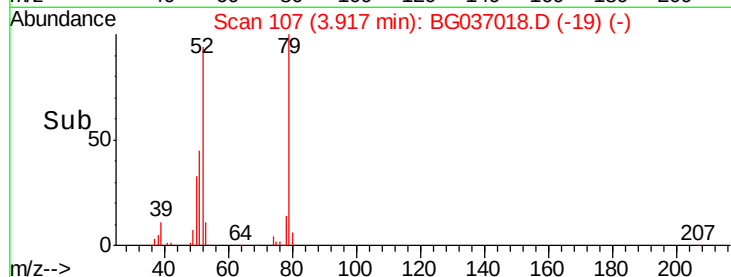
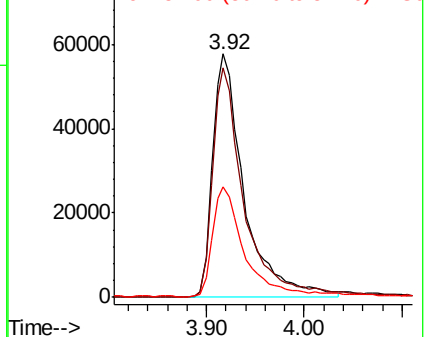
79 100

52 94.3 72.3 108.5

51 45.3 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: 51.856 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

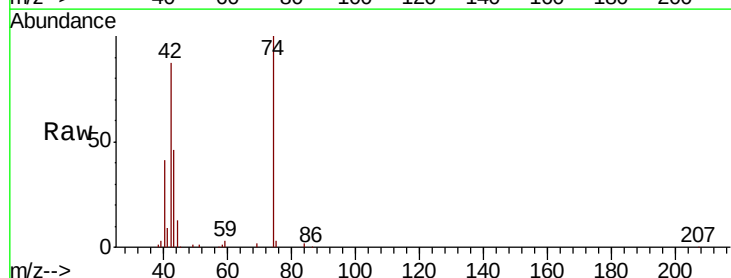
Tgt Ion: 42 Resp: 71786

Ion Ratio Lower Upper

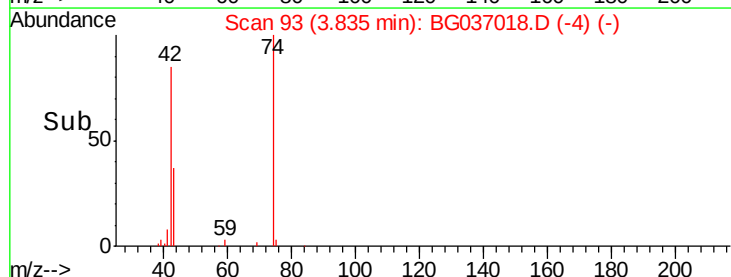
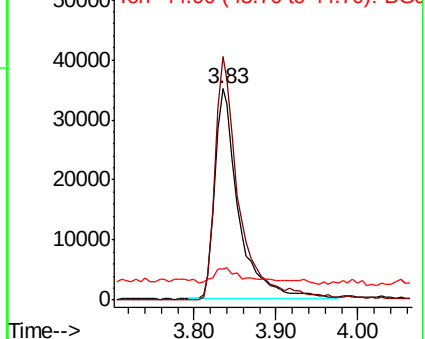
42 100

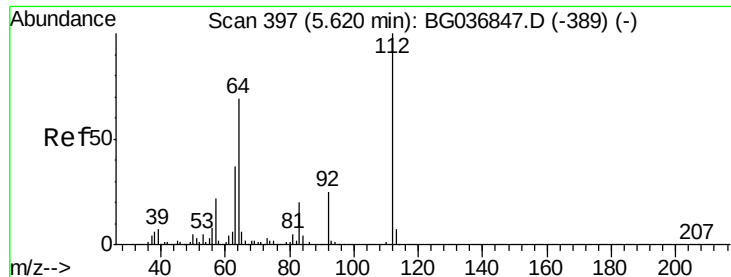
74 115.2 96.6 145.0

44 14.8 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: 134.218 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

Instrument :

BNA_G

ClientSampled :

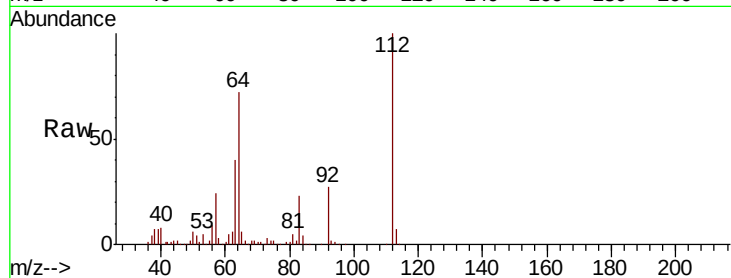
Tot Ion:112 Resp: 316406

Ion Ratio Lower Upper

112 100

64 72.1 57.2 85.8

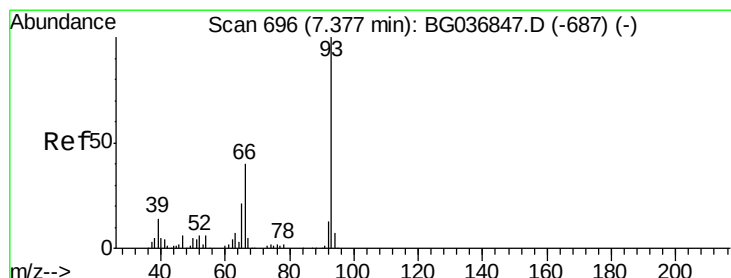
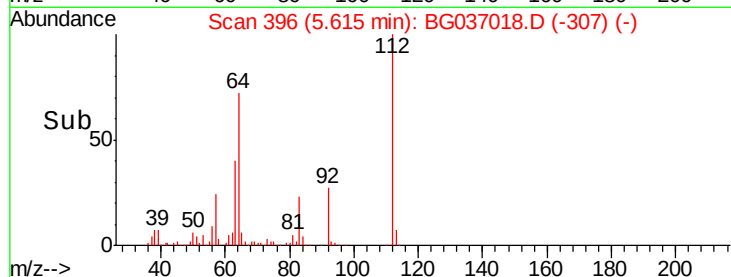
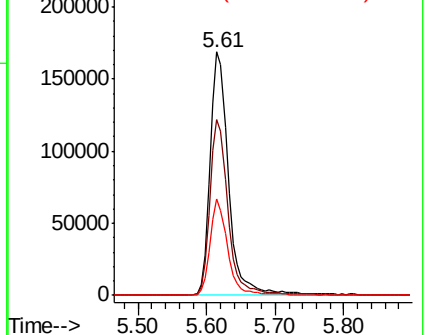
63 39.6 30.8 46.2



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: 31.780 ng

RT: 7.37 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

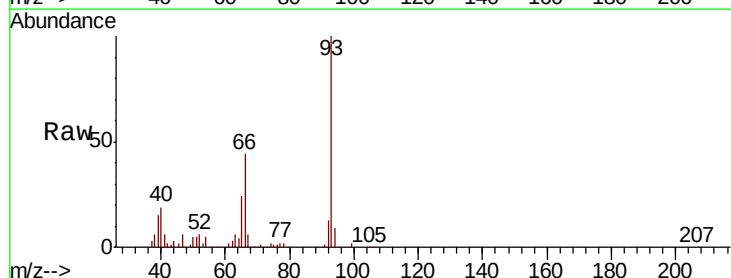
Tgt Ion: 93 Resp: 150402

Ion Ratio Lower Upper

93 100

66 43.6 35.0 52.4

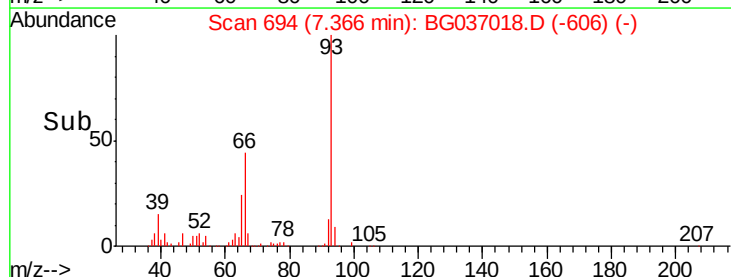
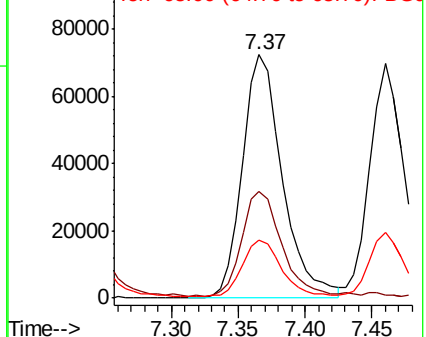
65 24.0 17.6 26.4

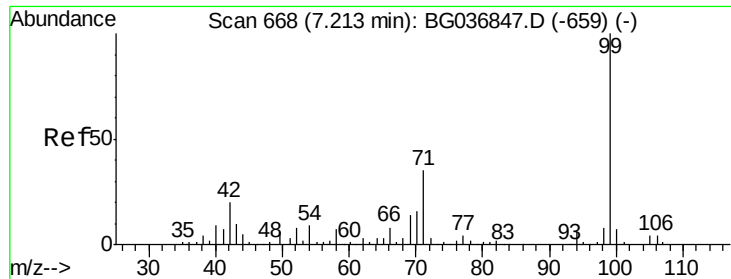


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 114.750 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

Instrument :

BNA_G

ClientSampled :

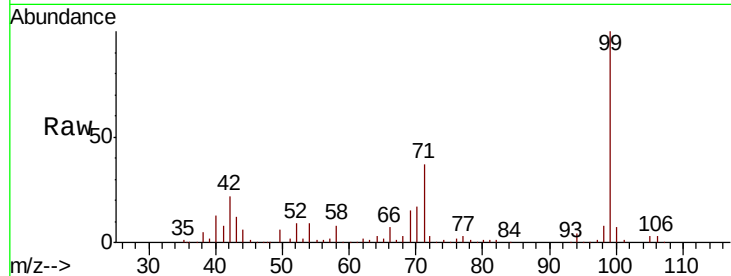
Tot Ion: 99 Resp: 418530

Ion Ratio Lower Upper

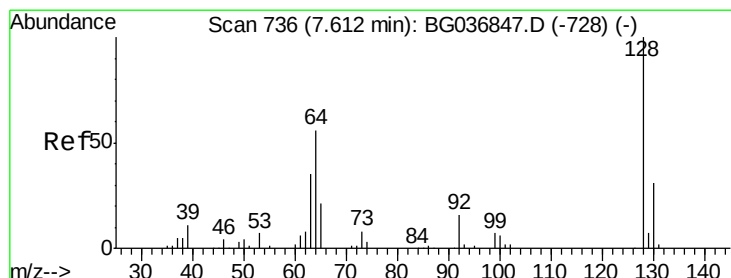
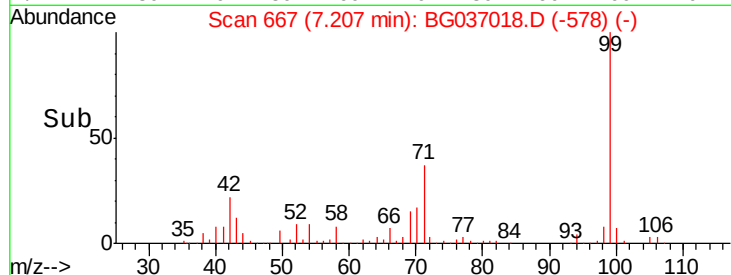
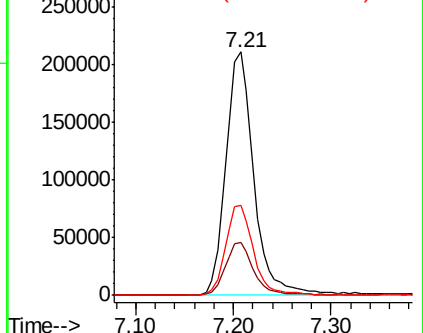
99 100

42 21.7 16.5 24.7

71 37.2 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: 46.035 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

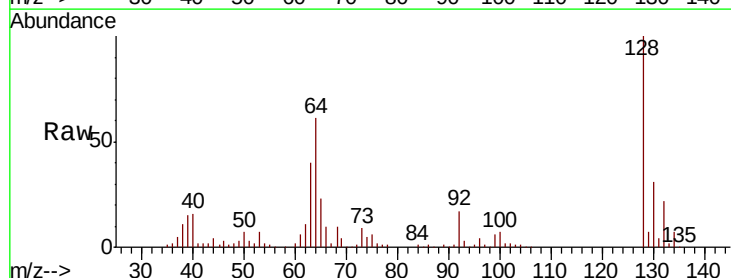
Tgt Ion: 128 Resp: 126009

Ion Ratio Lower Upper

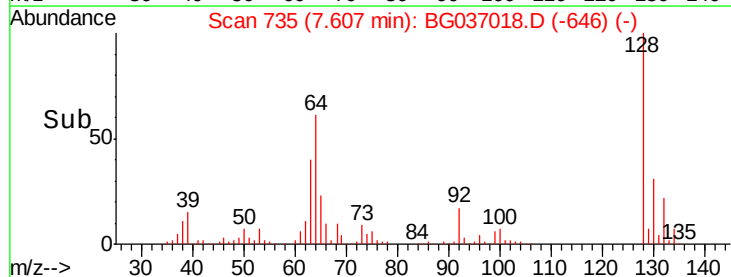
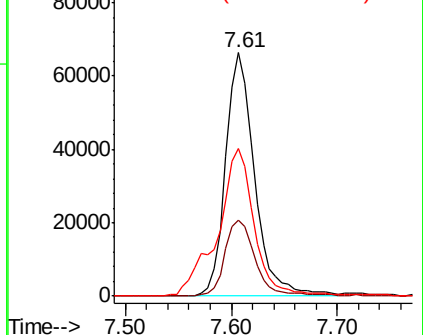
128 100

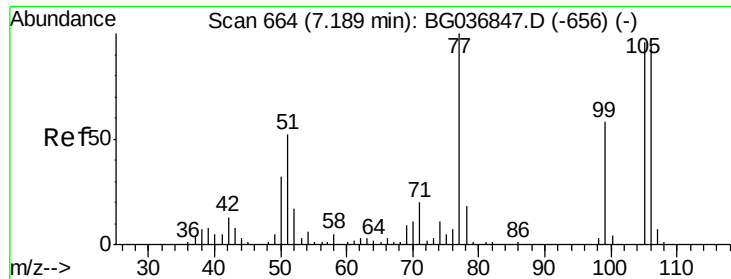
130 31.4 10.0 50.0

64 60.5 36.0 76.0



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





#9

Benzaldehyde

Concen: 28.167 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

Instrument :

BNA_G

ClientSampleId :

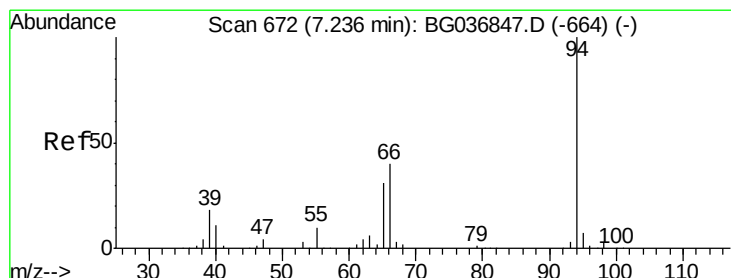
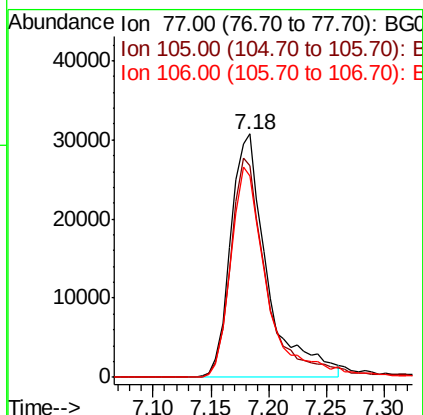
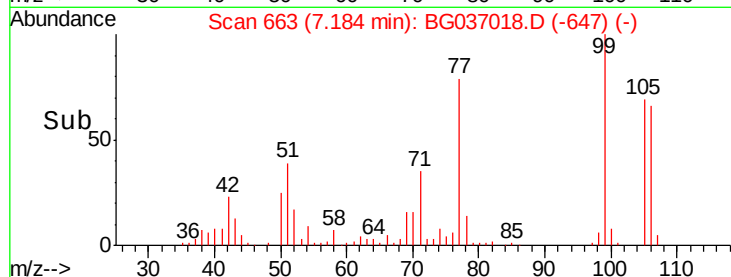
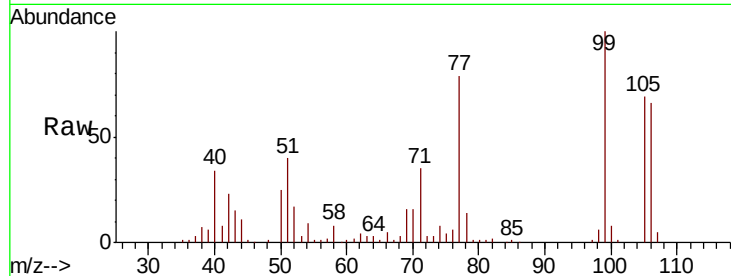
Tot Ion: 77 Resp: 67884

Ion Ratio Lower Upper

77 100

105 86.7 70.5 110.5

106 82.5 69.8 109.8



#10

Phenol

Concen: 45.860 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

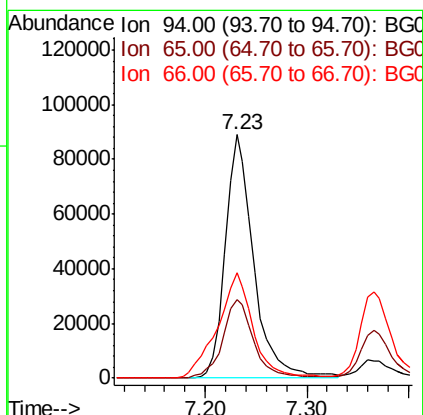
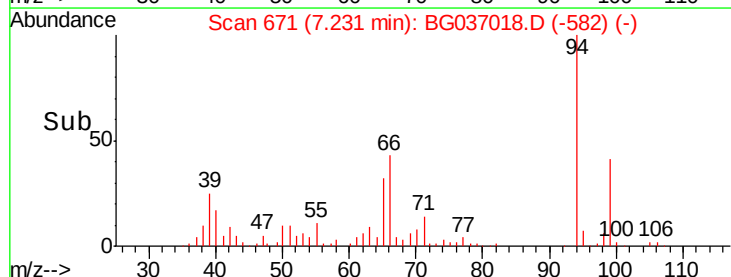
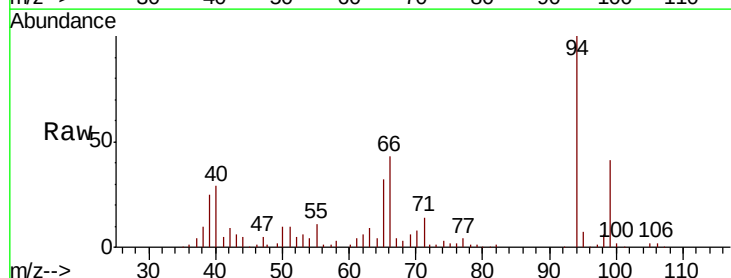
Tgt Ion: 94 Resp: 172629

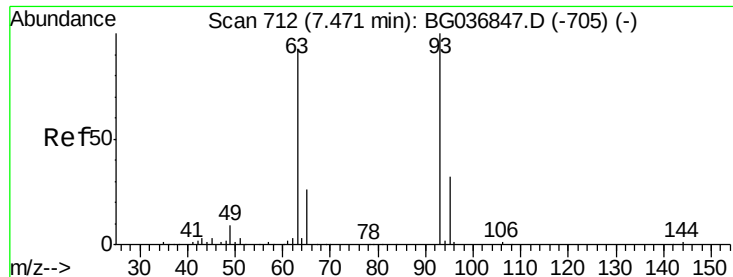
Ion Ratio Lower Upper

94 100

65 32.5 11.5 51.5

66 43.3 19.5 59.5



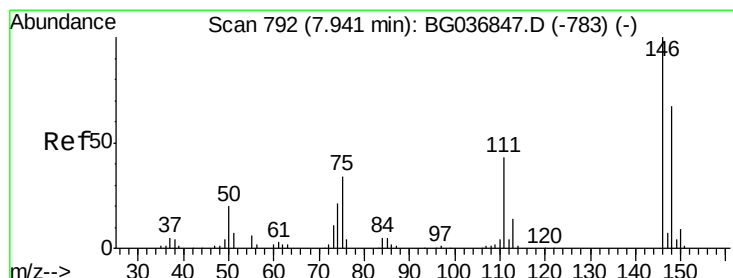
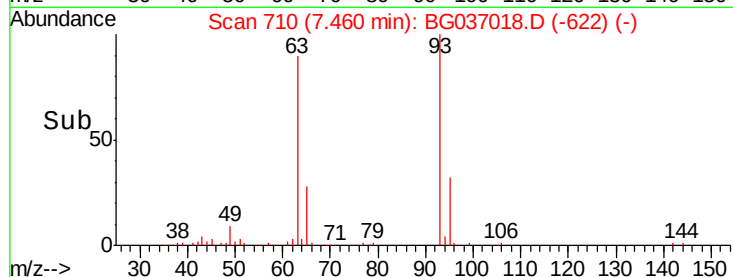
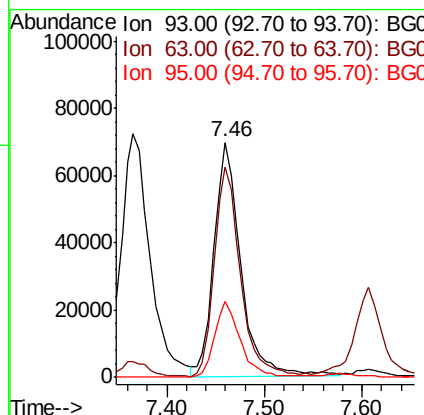
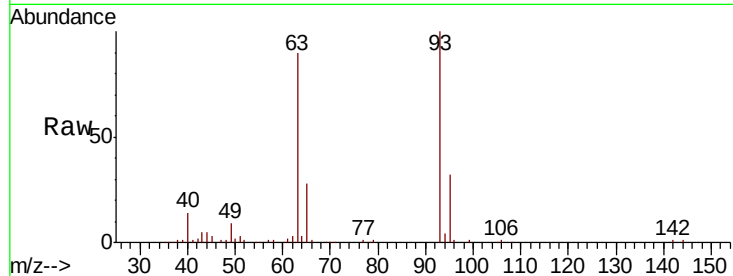


#11
 bis(2-Chloroethyl)ether
 Concen: 38.227 ng
 RT: 7.46 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 93 Resp: 133103

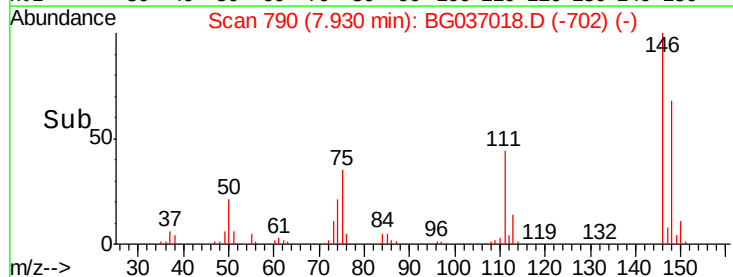
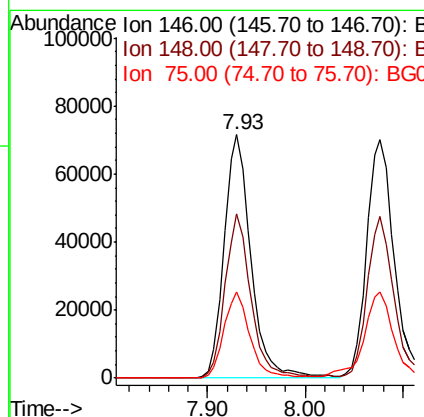
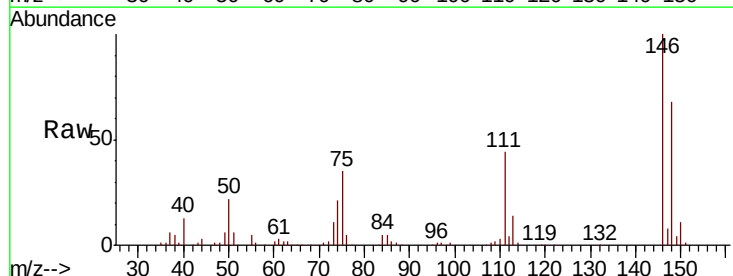
Ion	Ratio	Lower	Upper
93	100		
63	89.6	69.9	109.9
95	32.3	11.7	51.7

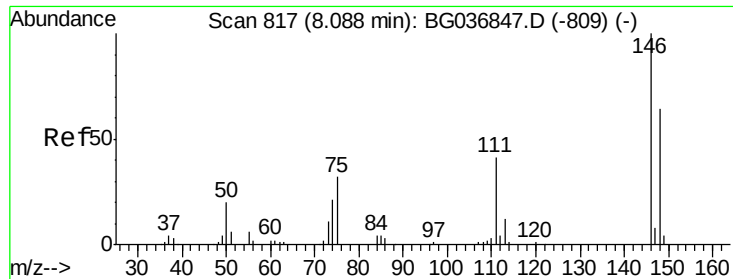


#12
 1,3-Dichlorobenzene
 Concen: 40.684 ng
 RT: 7.93 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Tgt Ion: 146 Resp: 136530

Ion	Ratio	Lower	Upper
146	100		
148	67.5	53.8	80.6
75	35.4	27.2	40.8

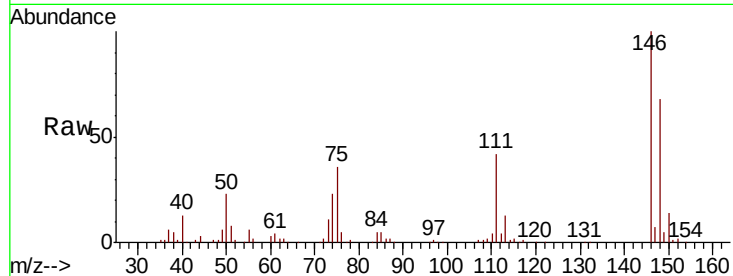




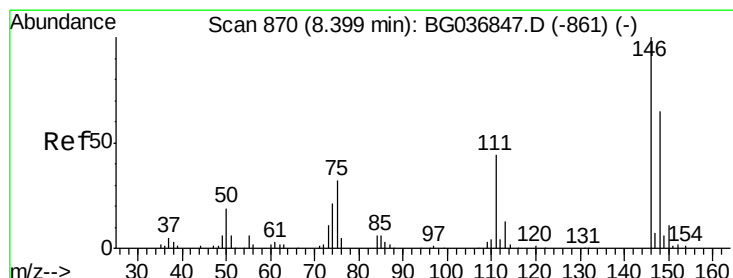
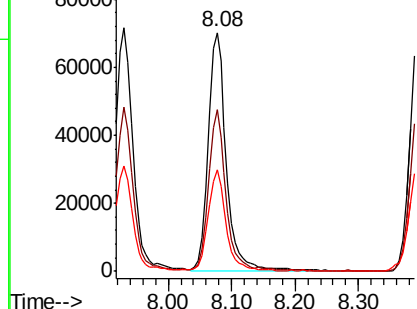
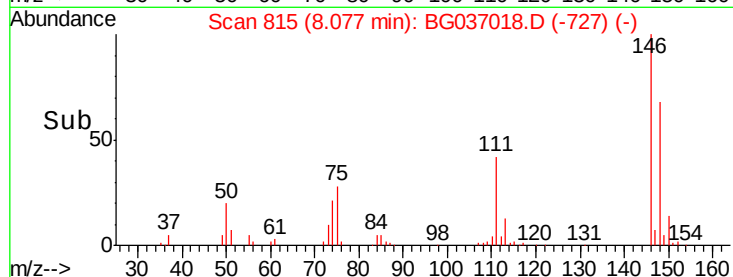
#13
 1,4-Dichlorobenzene
 Concen: 41.166 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 141374
 Ion Ratio Lower Upper
 146 100
 148 67.9 53.9 80.9
 111 42.2 33.8 50.6

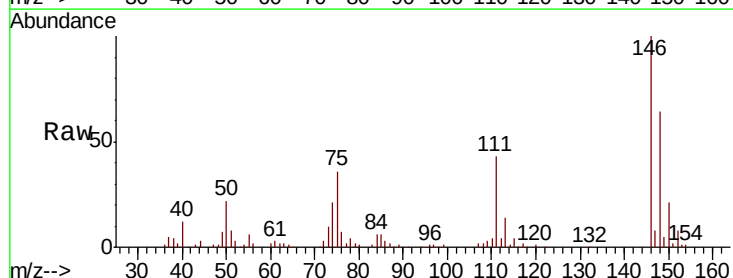


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

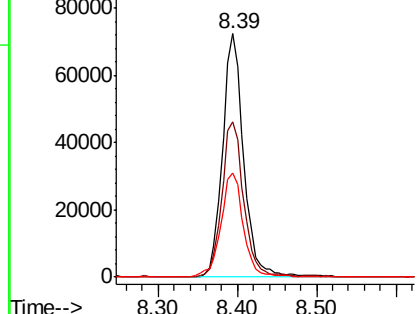
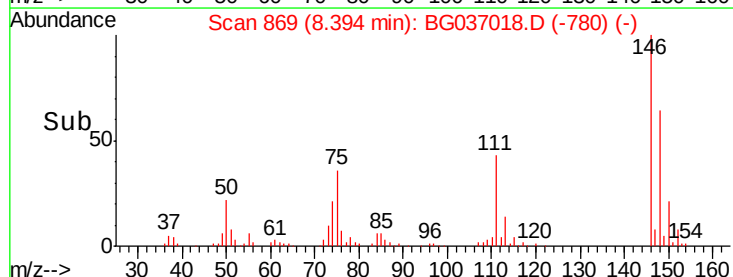


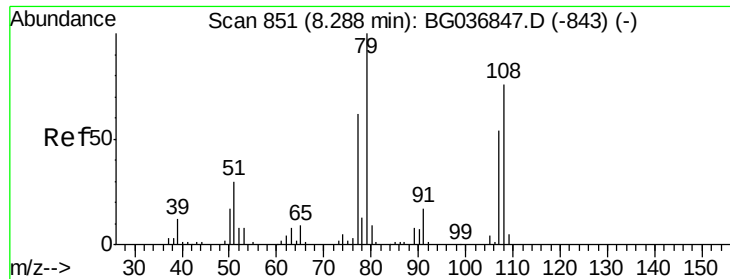
#14
 1,2-Dichlorobenzene
 Concen: 39.460 ng
 RT: 8.39 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Tgt Ion:146 Resp: 131323
 Ion Ratio Lower Upper
 146 100
 148 63.6 55.0 82.6
 111 42.7 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: 40.013 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

Instrument :

BNA_G

ClientSampled :

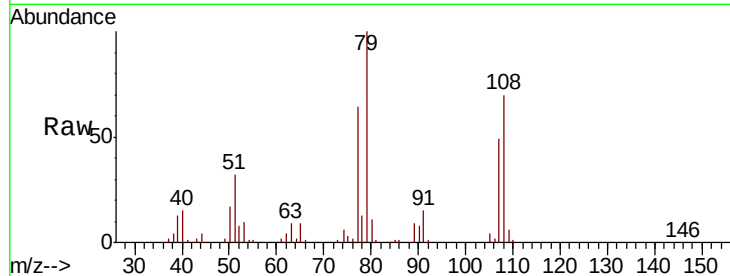
Tot Ion: 79 Resp: 118418

Ion Ratio Lower Upper

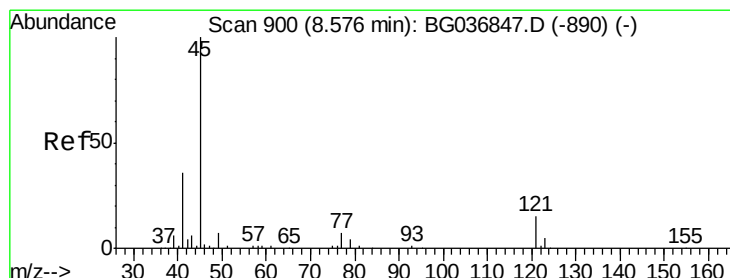
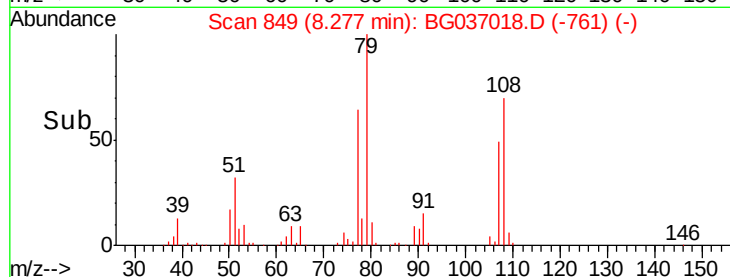
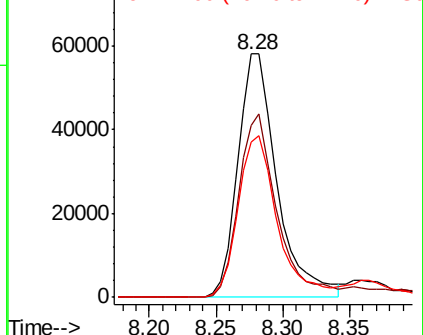
79 100

108 70.4 55.9 83.9

77 64.0 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: 40.439 ng

RT: 8.56 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

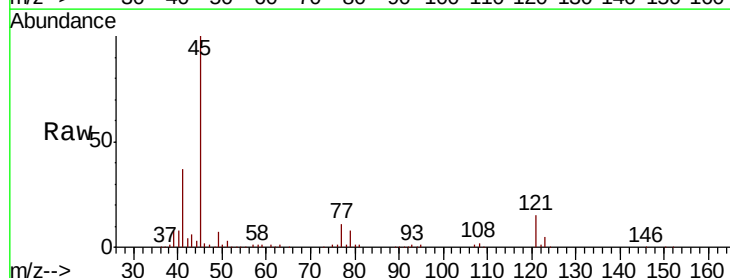
Tgt Ion: 45 Resp: 270326

Ion Ratio Lower Upper

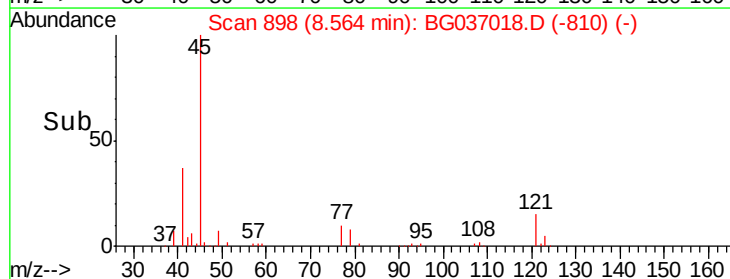
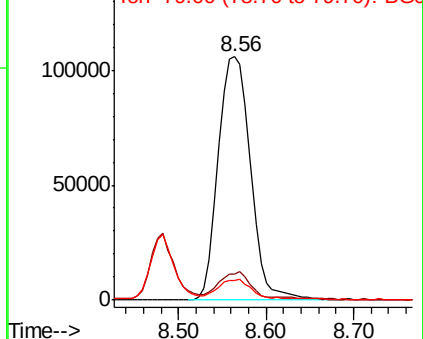
45 100

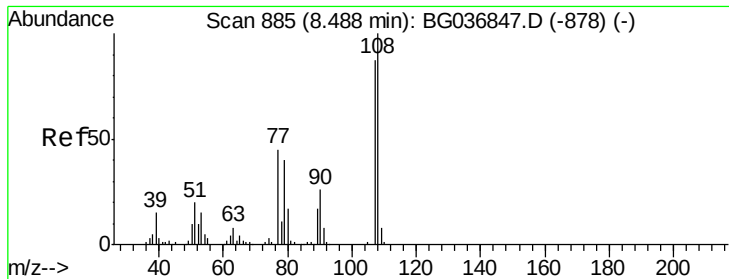
77 10.7 0.0 30.5

79 8.2 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

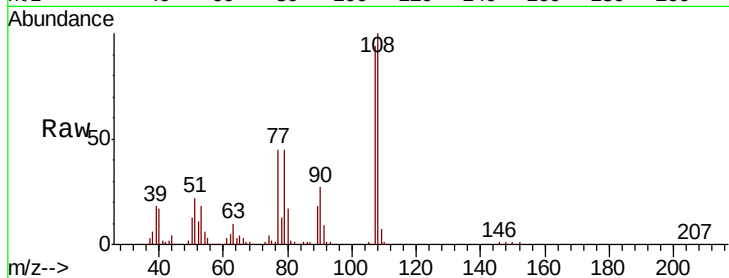




#17
2-Methylphenol
Concen: 42.561 ng
RT: 8.48 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	111597
Ion	Ratio	Lower	Upper
107	100		
108	106.7	86.7	130.1
77	48.5	39.0	58.4
79	47.5	36.6	54.8



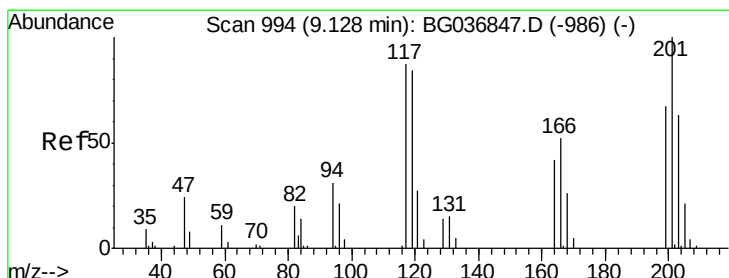
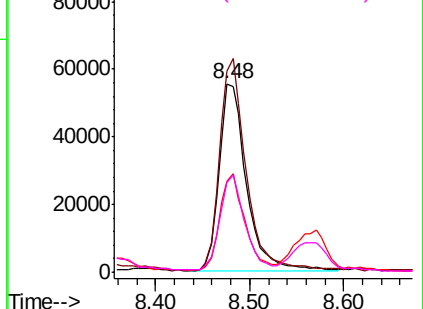
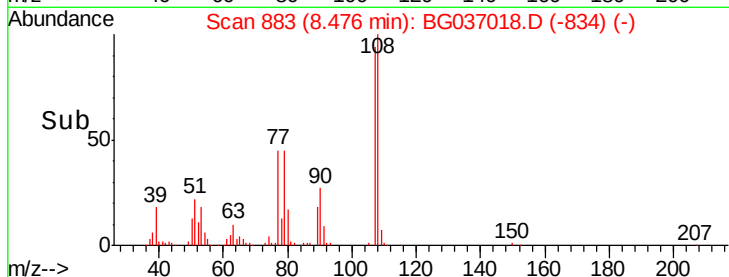
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

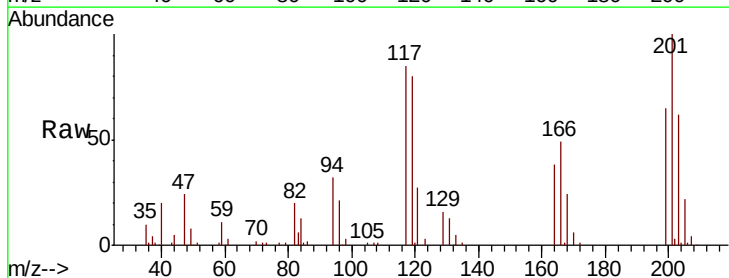
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 42.914 ng
RT: 9.12 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

Tgt Ion:	117	Resp:	54234
Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.8	115.2
201	117.0	85.7	128.5

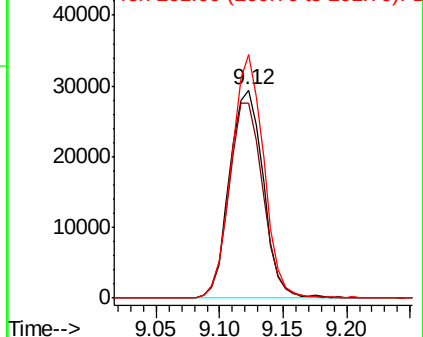
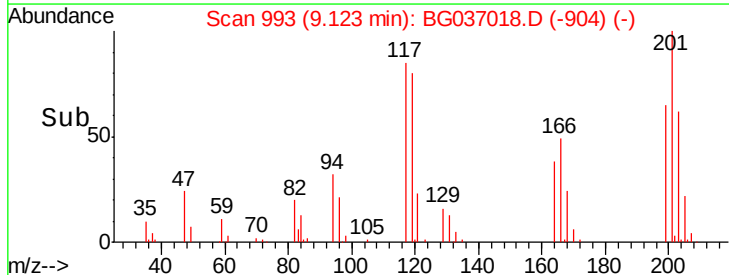


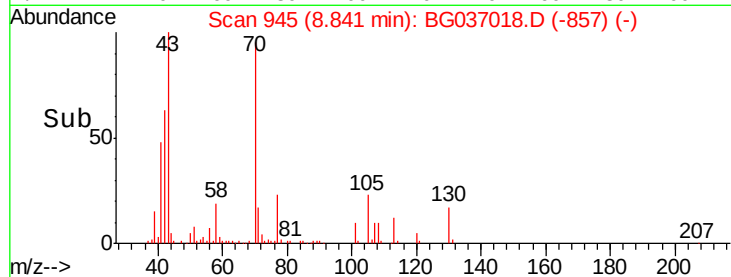
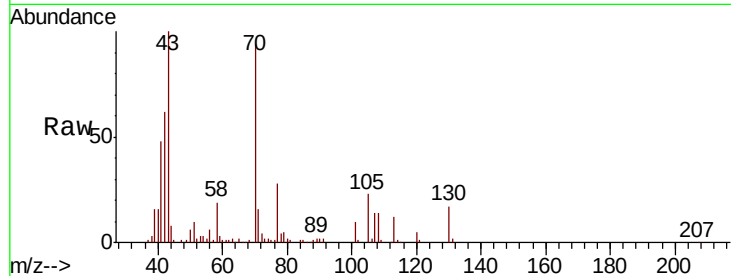
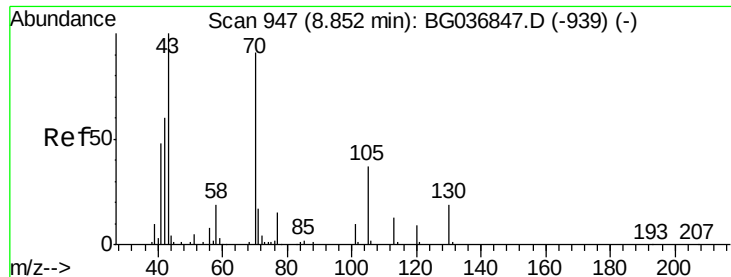
Abundance

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

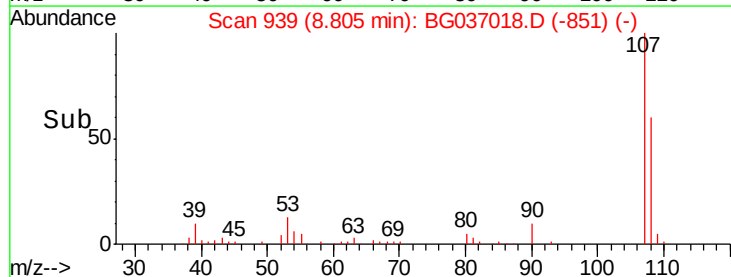
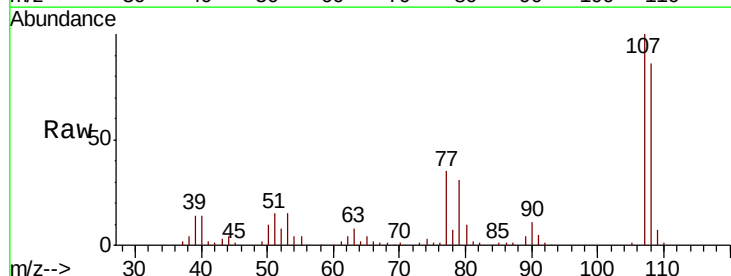
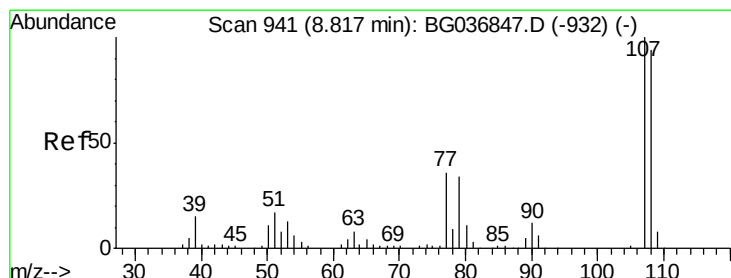
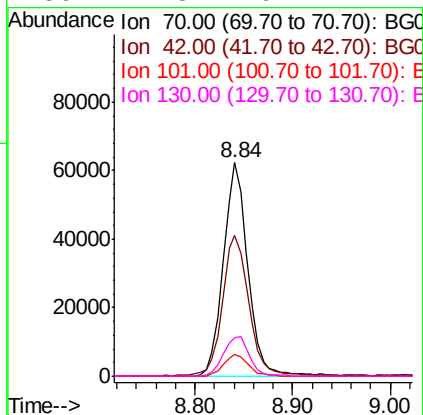




#19
n-Nitroso-di-n-propylamine
Concen: 35.751 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

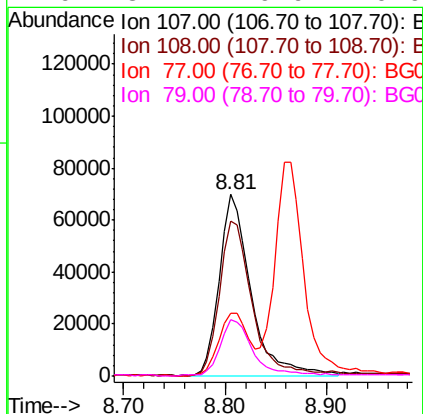
Instrument :
BNA_G
ClientSampled :

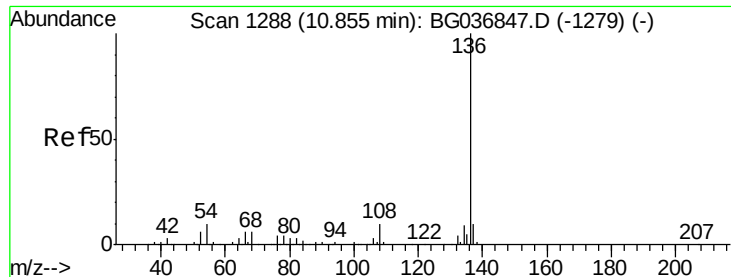
Tot Ion:	70	Resp:	108475
Ion	Ratio	Lower	Upper
70	100		
42	65.9	56.2	84.4
101	10.3	7.8	11.6
130	17.8	16.2	24.2



#20
3+4-Methylphenols
Concen: 41.121 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

Tgt Ion:	107	Resp:	149997
Ion	Ratio	Lower	Upper
107	100		
108	85.7	68.0	108.0
77	34.6	15.6	55.6
79	31.4	9.9	49.9

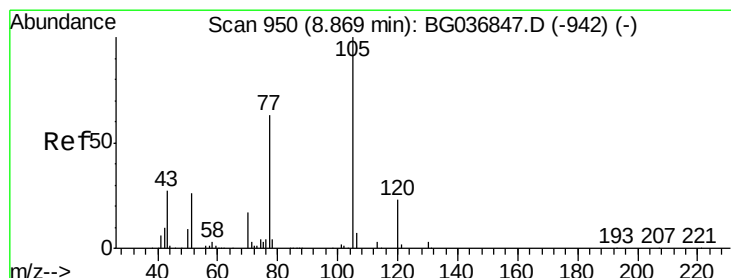
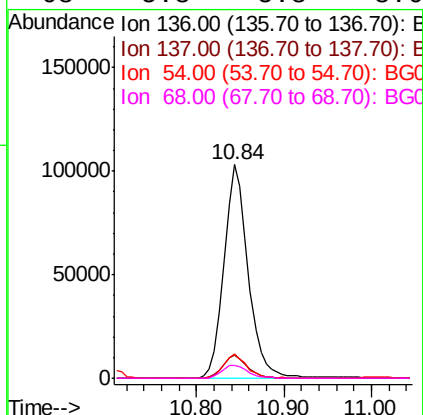
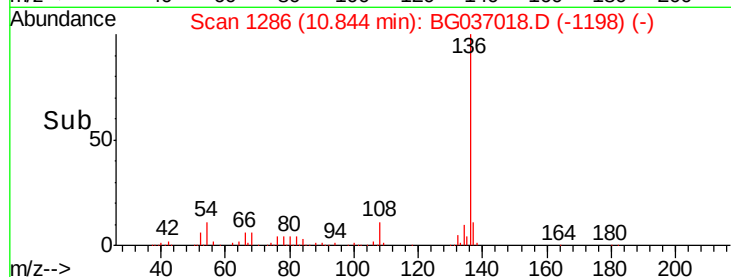
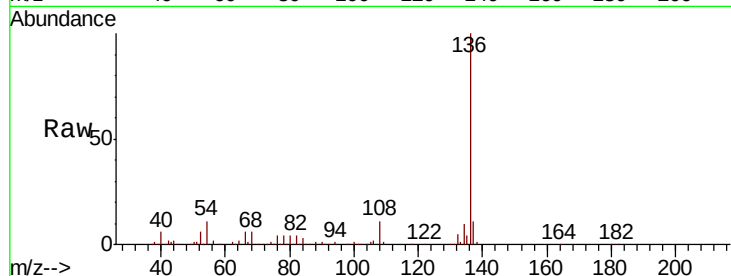




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

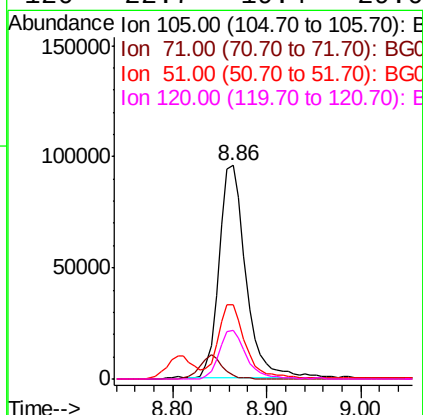
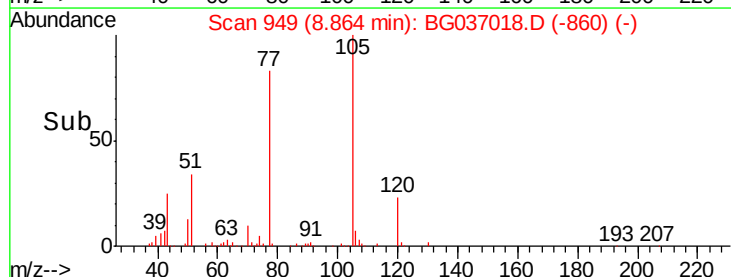
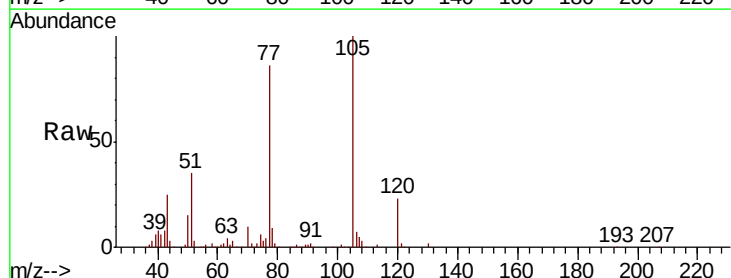
Instrument :
BNA_G
ClientSampleId :

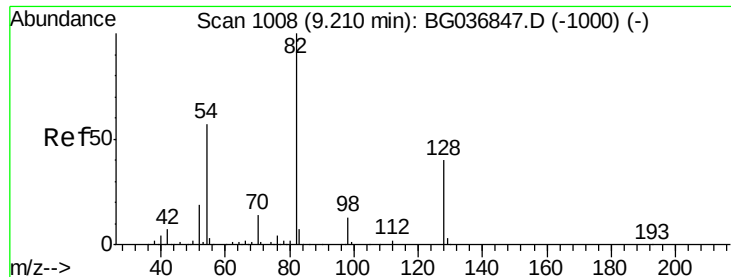
Tot Ion:136	Resp:	196511
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	11.2	9.2 13.8
68	5.8	5.8 8.6



#22
Acetophenone
Concen: 41.369 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

Tgt Ion:105	Resp:	191040
Ion	Ratio	Lower Upper
105	100	
71	1.8	2.4 3.6#
51	34.9	25.9 38.9
120	22.7	19.4 29.0

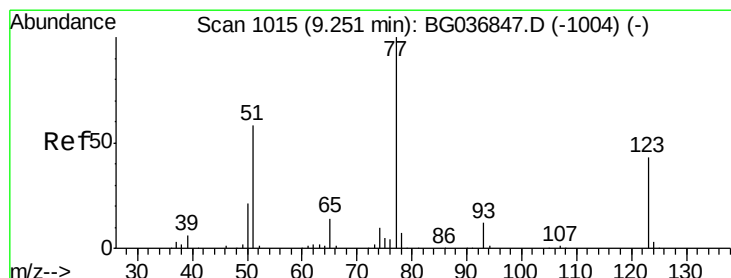
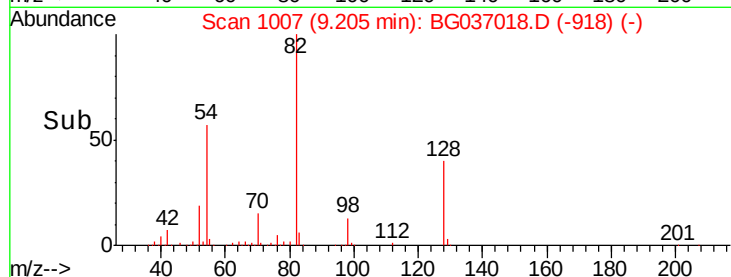
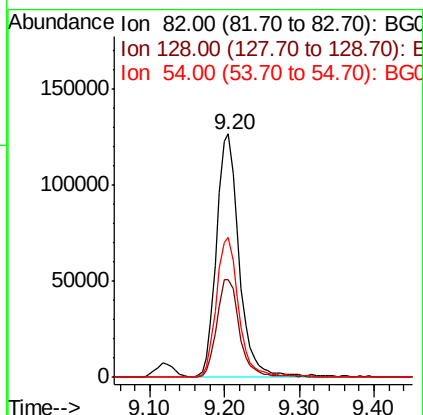
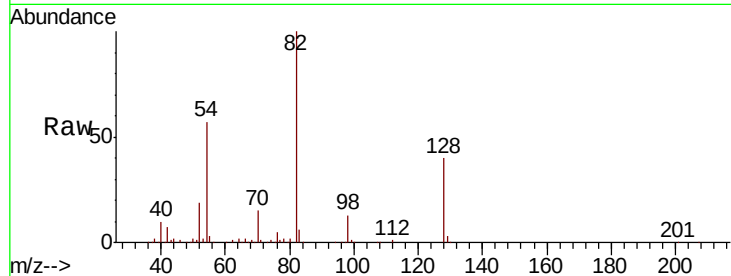




#23
Nitrobenzene-d5
Concen: 72.476 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

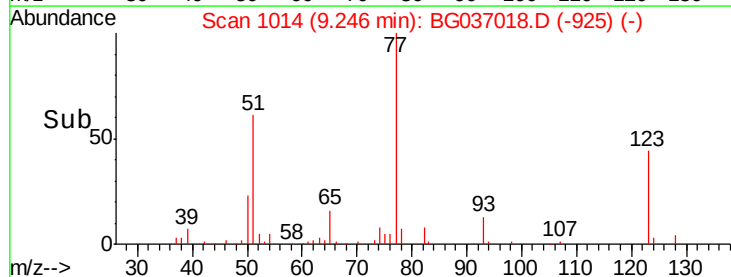
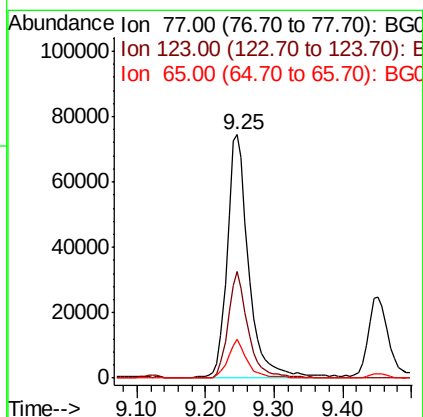
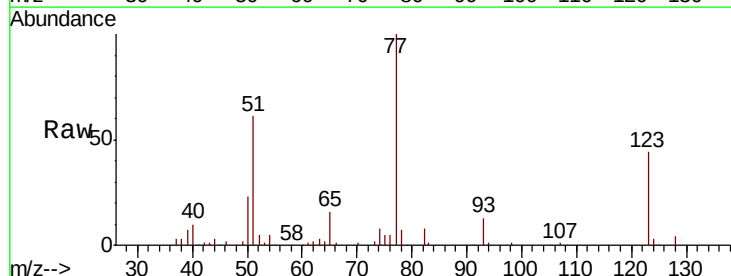
Instrument :
BNA_G
ClientSampleId :

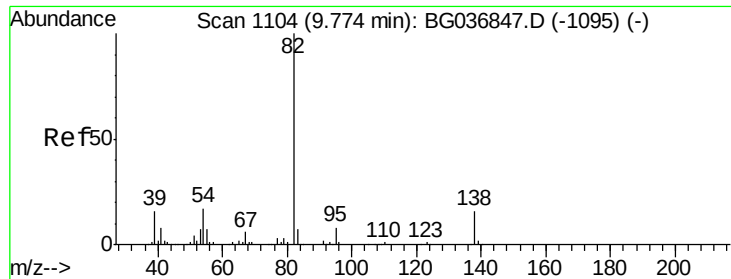
Tot Ion	82	Resp	265958
Ion Ratio	Lower	Upper	
82	100		
128	40.1	33.3	49.9
54	57.4	45.1	67.7



#24
Nitrobenzene
Concen: 40.895 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

Tgt Ion	77	Resp	160259
Ion Ratio	Lower	Upper	
77	100		
123	43.8	32.4	48.6
65	16.0	11.5	17.3





#25

Isophorone

Concen: 44.525 ng

RT: 9.76 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

Instrument :

BNA_G

ClientSampleId :

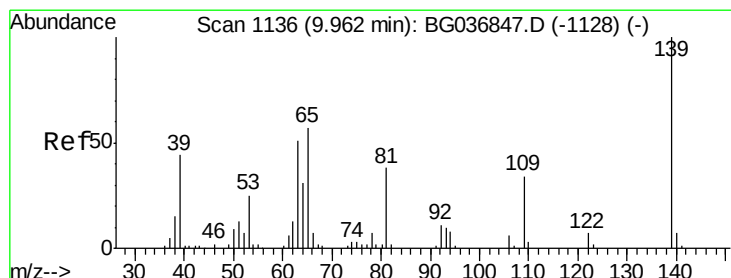
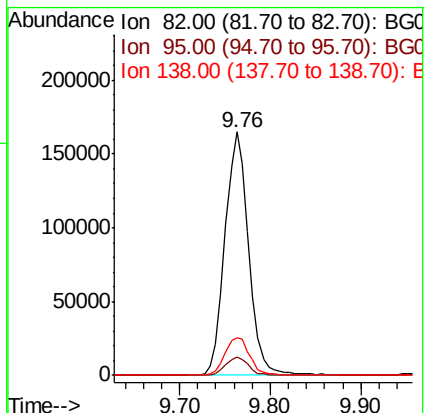
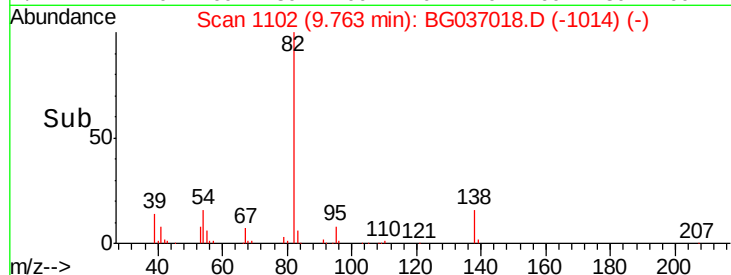
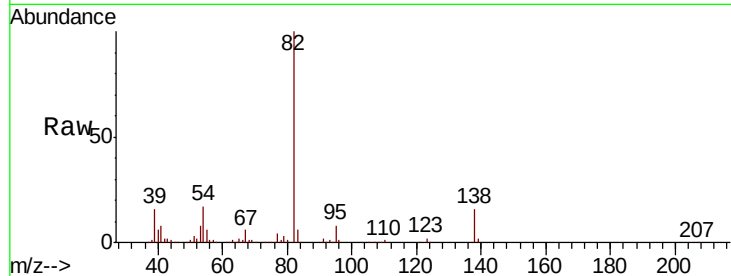
Tot Ion: 82 Resp: 298546

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

138 15.7 12.9 19.3



#26

2-Nitrophenol

Concen: 44.707 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

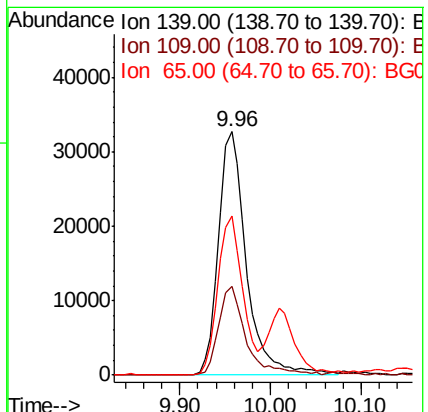
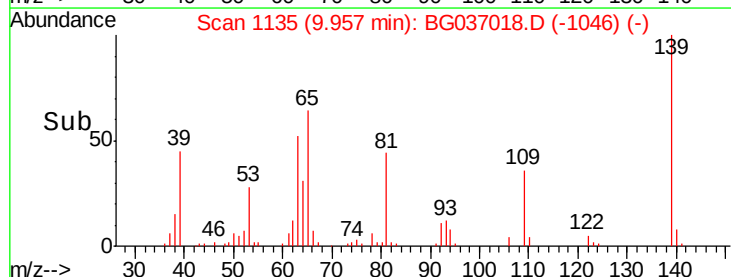
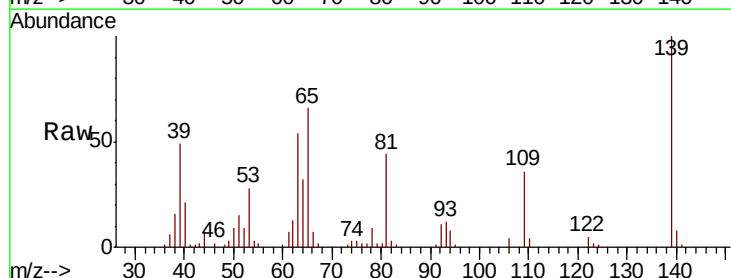
Tgt Ion: 139 Resp: 69833

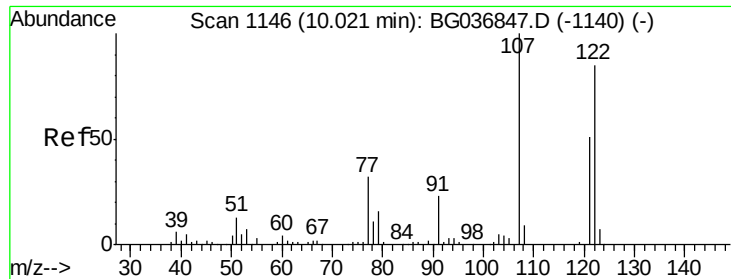
Ion Ratio Lower Upper

139 100

109 36.3 27.4 41.0

65 65.5 47.8 71.6

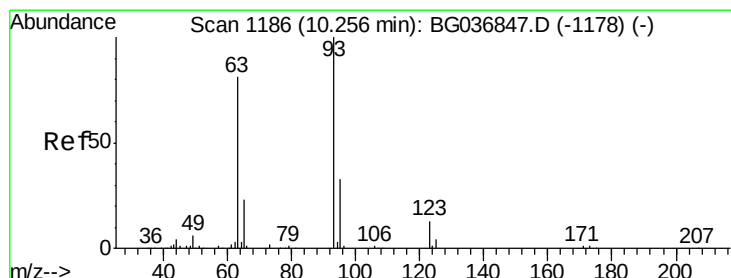
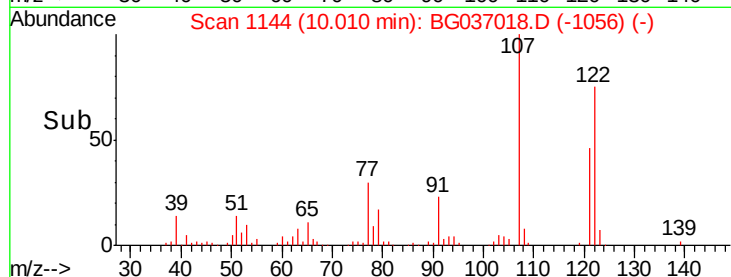
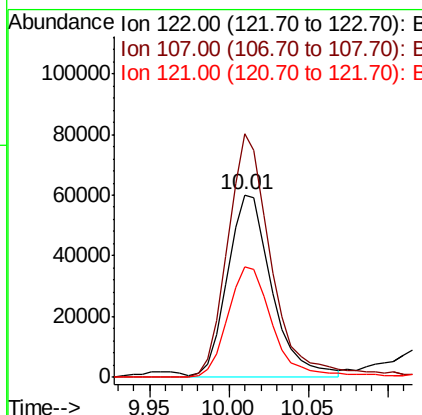
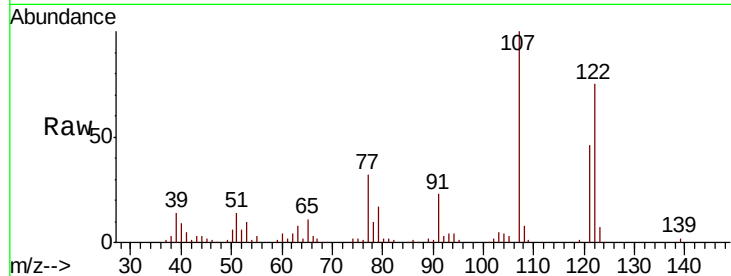




#27
 2,4-Dimethylphenol
 Concen: 47.605 ng
 RT: 10.01 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

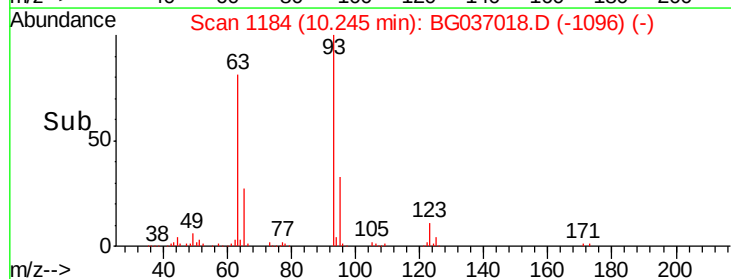
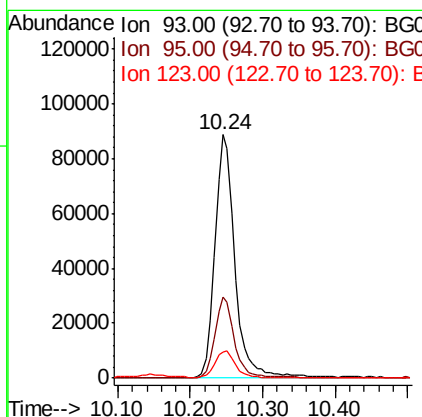
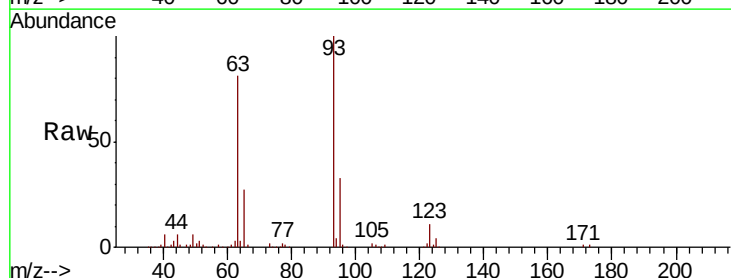
Instrument :
 BNA_G
 ClientSampled :

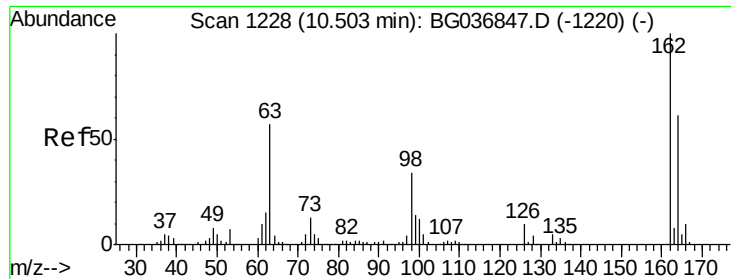
Tot Ion:122 Resp: 115831
 Ion Ratio Lower Upper
 122 100
 107 133.2 96.0 144.0
 121 60.7 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.162 ng
 RT: 10.24 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Tgt Ion: 93 Resp: 170303
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.2 37.8
 123 10.9 8.6 12.8

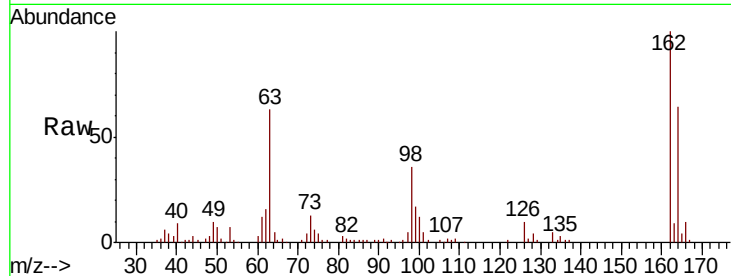




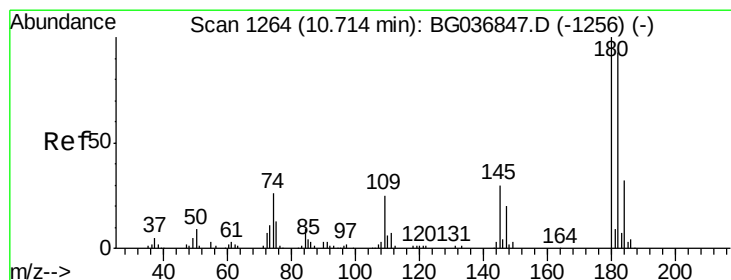
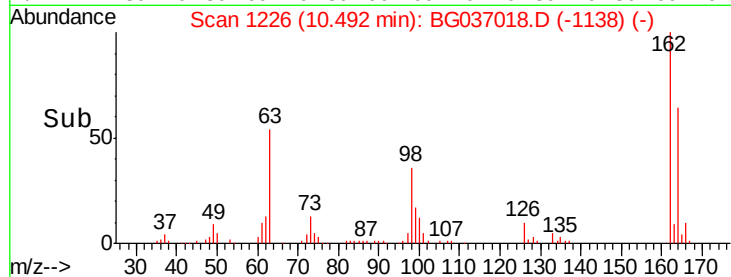
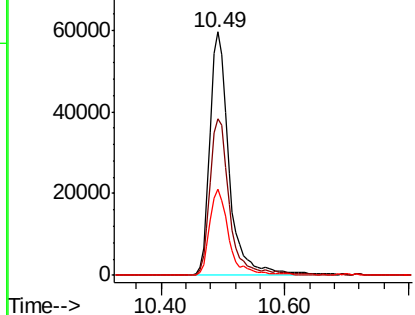
#29
 2,4-Dichlorophenol
 Concen: 45.185 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	47.6	87.6
98	35.6	19.2	59.2

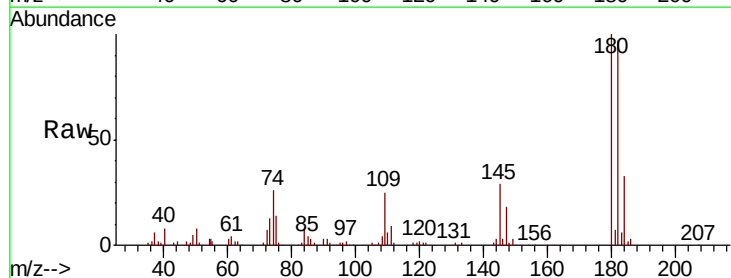


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

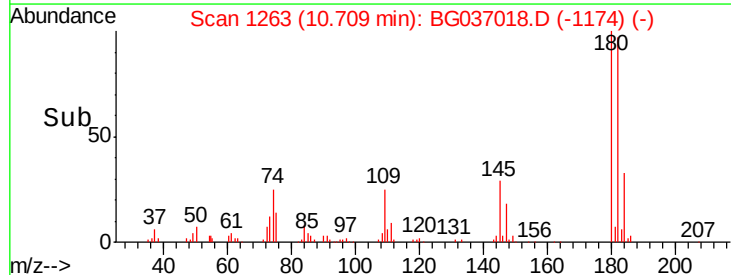
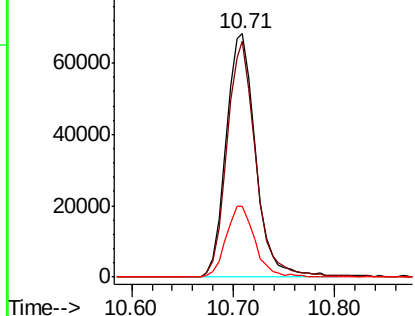


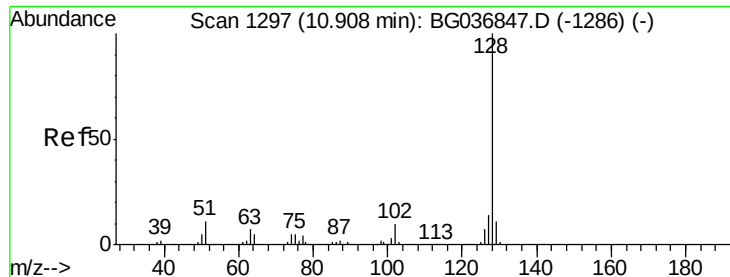
#30
 1,2,4-Trichlorobenzene
 Concen: 39.024 ng
 RT: 10.71 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.0	114.0
145	29.0	22.9	34.3



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.076 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

Instrument :

BNA_G

ClientSampleId :

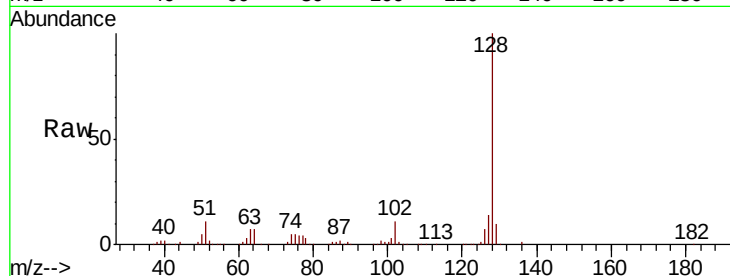
Tot Ion:128 Resp: 393415

Ion Ratio Lower Upper

128 100

129 10.2 9.4 14.2

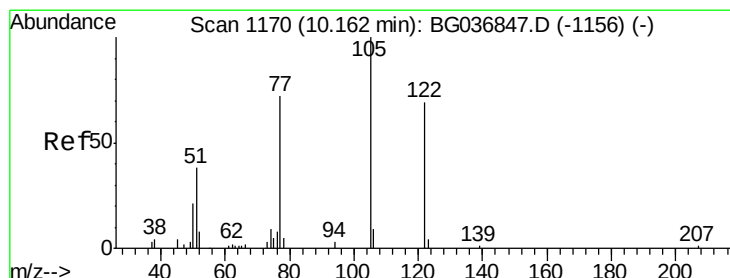
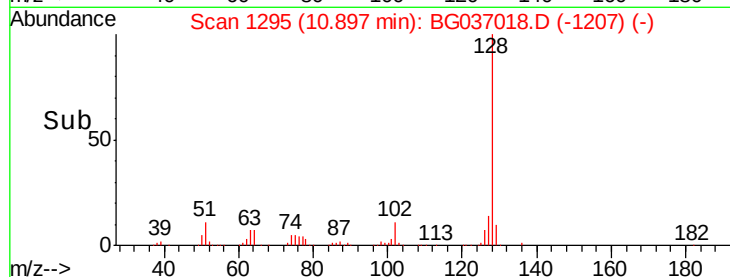
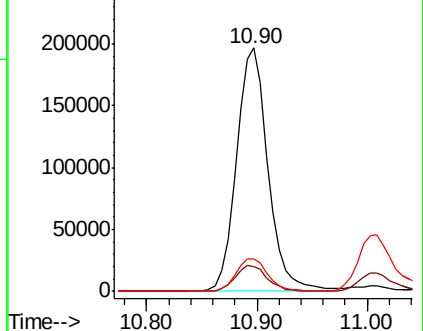
127 13.5 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.594 ng

RT: 10.15 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

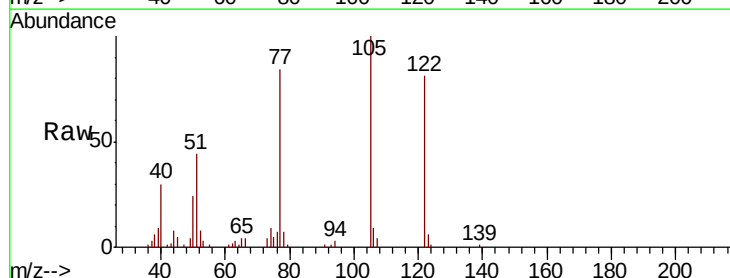
Tgt Ion:122 Resp: 67406

Ion Ratio Lower Upper

122 100

105 122.9 108.1 148.1

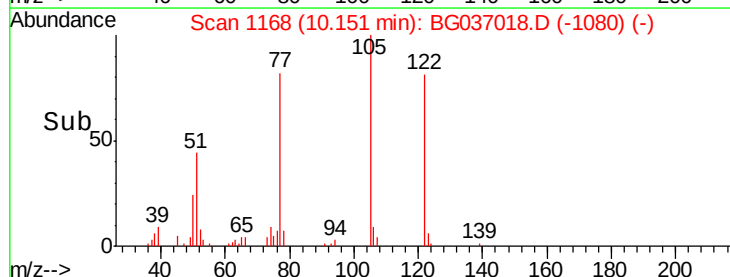
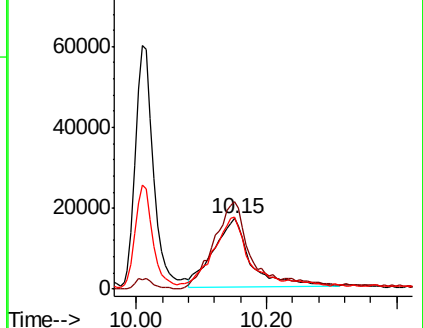
77 102.8 76.3 116.3

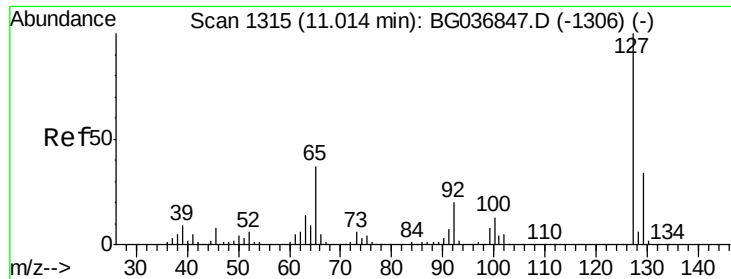


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

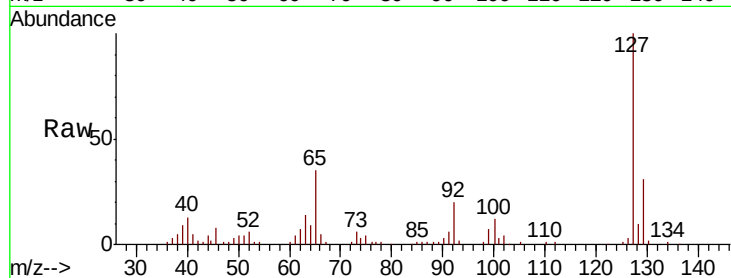




#33
4-Chloroaniline
Concen: 25.525 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		108514		
129	31.4	25.9	38.9		
65	34.7	27.5	41.3		
92	20.3	16.2	24.2		



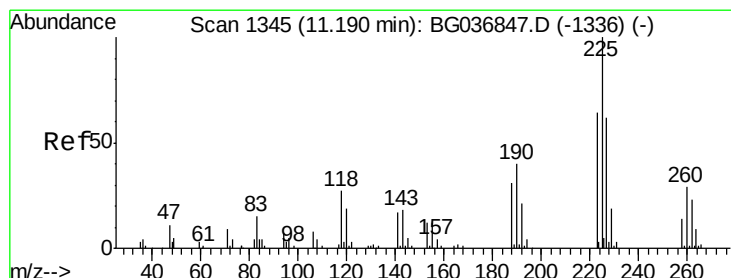
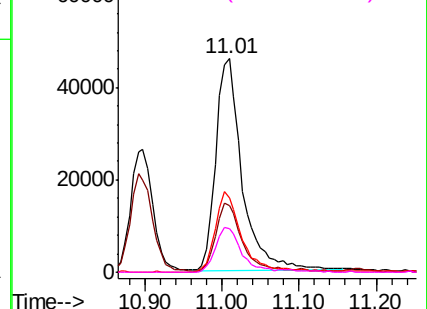
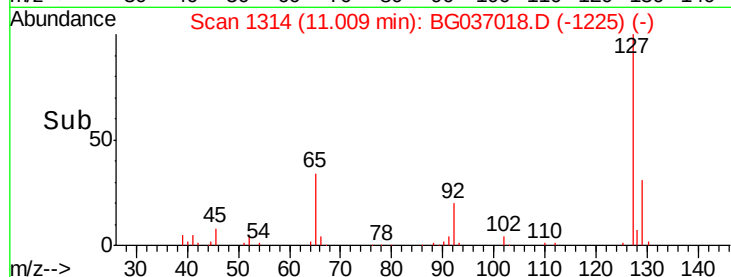
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

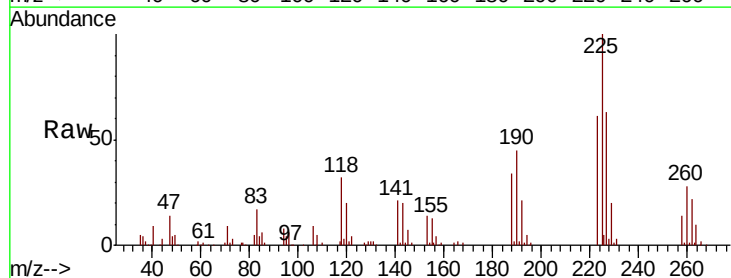
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 38.369 ng
RT: 11.17 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		93659		
223	60.6	51.8	77.8		
227	63.5	49.8	74.6		

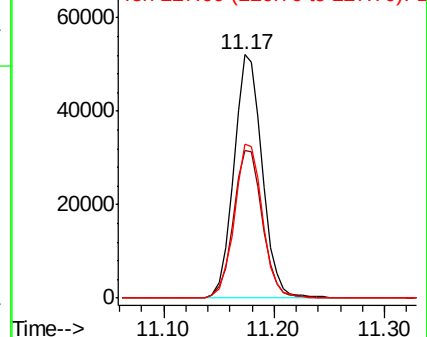
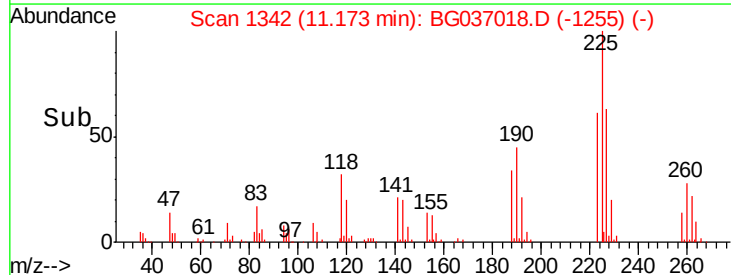


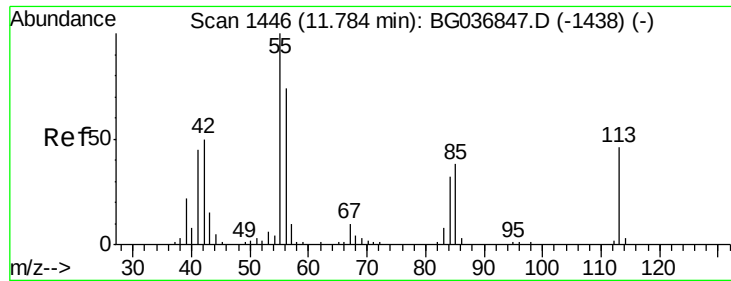
Abundance

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: 25.719 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

Instrument :

BNA_G

ClientSampleId :

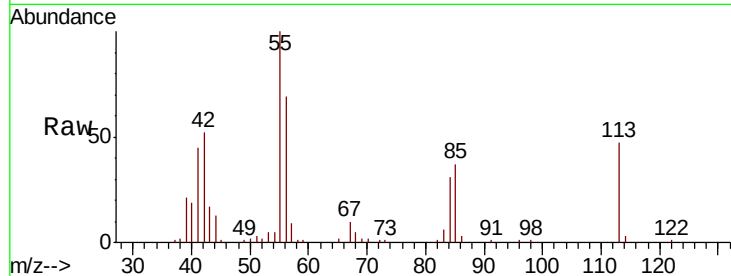
Tot Ion:113 Resp: 29857

Ion Ratio Lower Upper

113 100

55 210.8 197.7 237.7

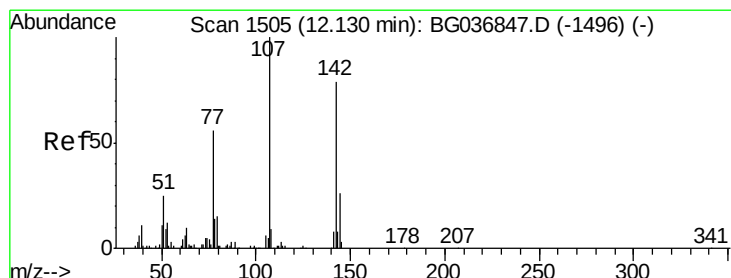
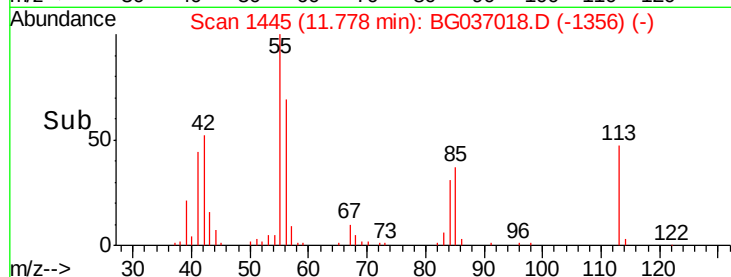
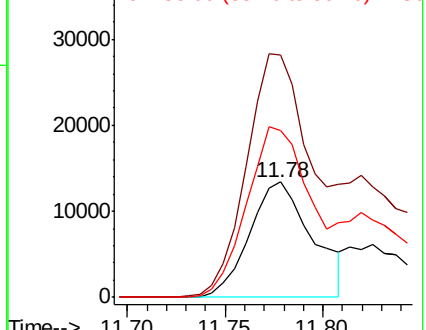
56 144.4 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.190 ng

RT: 12.12 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

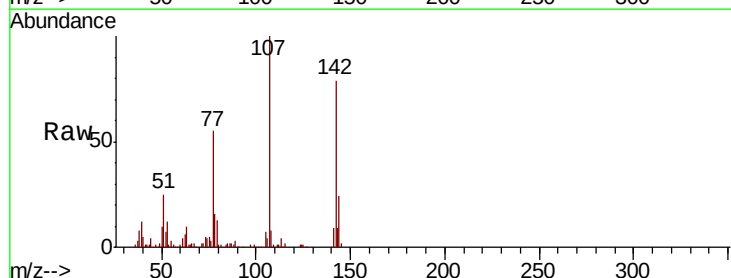
Tgt Ion:107 Resp: 145355

Ion Ratio Lower Upper

107 100

144 24.0 19.5 29.3

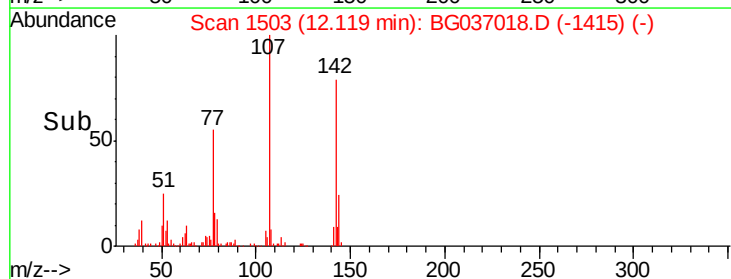
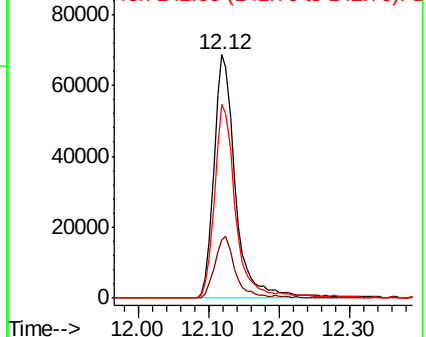
142 79.3 62.4 93.6

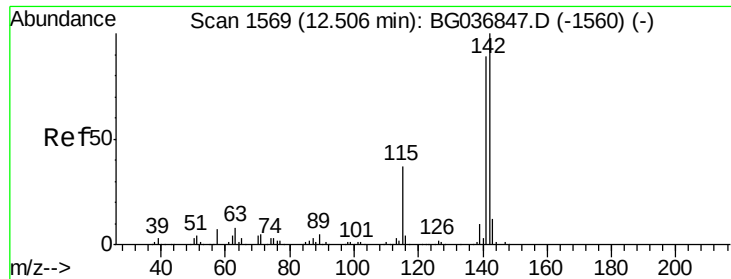


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

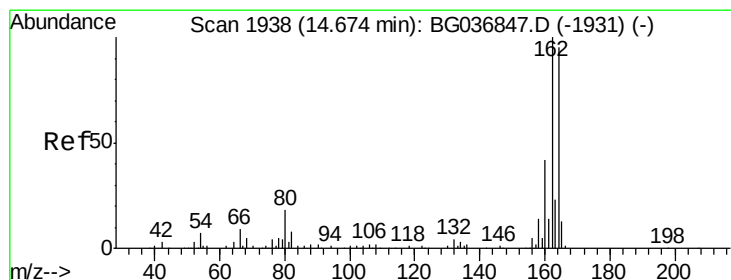
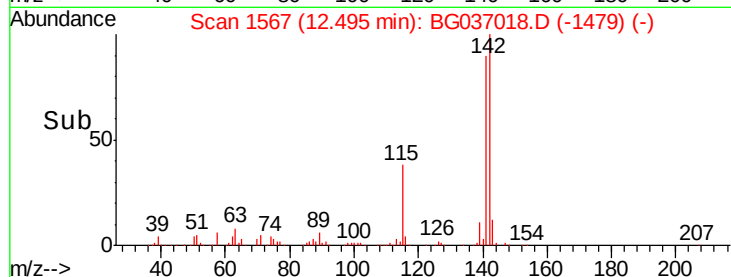
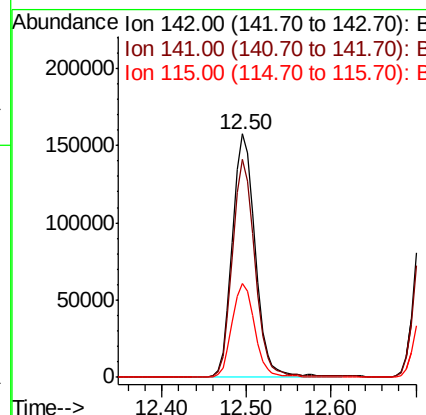
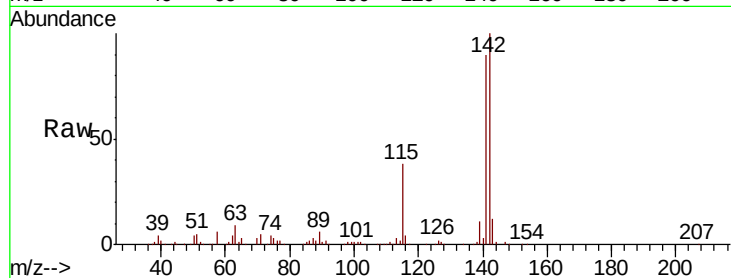




#37
2-Methylnaphthalene
Concen: 41.451 ng
RT: 12.50 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

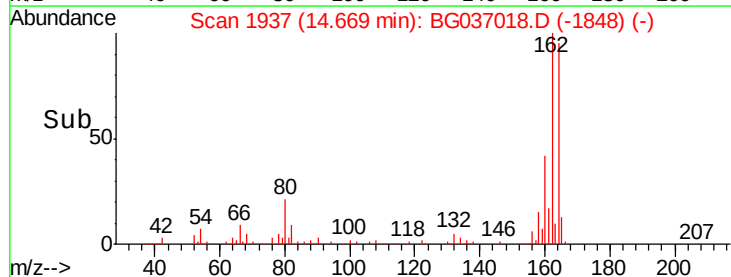
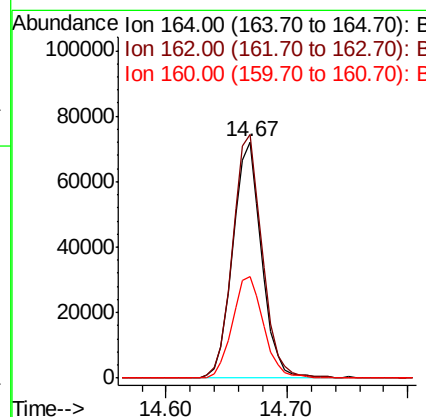
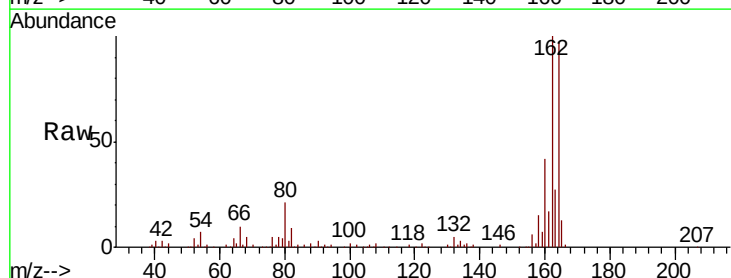
Instrument :
BNA_G
ClientSampleId :

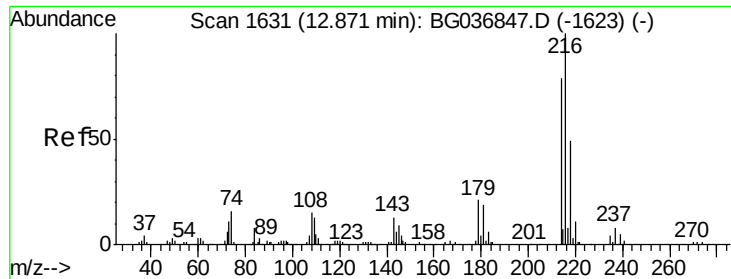
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	68.5	102.7
115	38.4	29.8	44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.7	121.1
160	42.8	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.851 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 166606

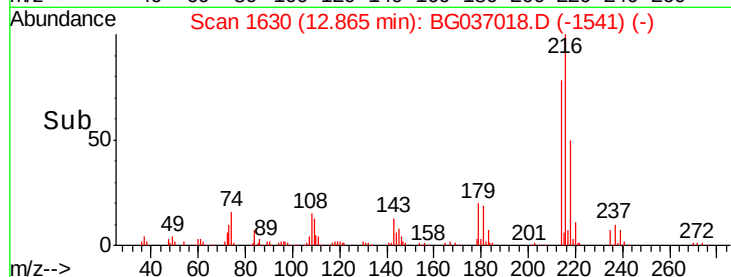
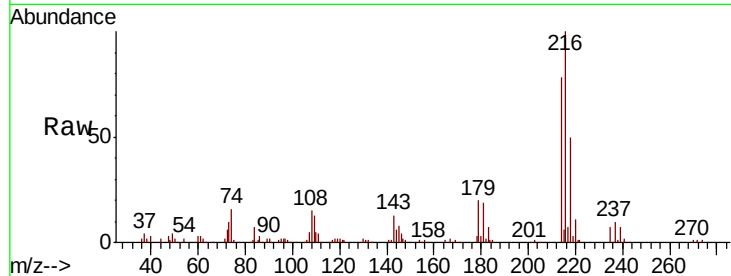
Ion Ratio Lower Upper

216 100

214 76.2 61.0 91.6

179 19.5 15.7 23.5

108 18.3 13.1 19.7

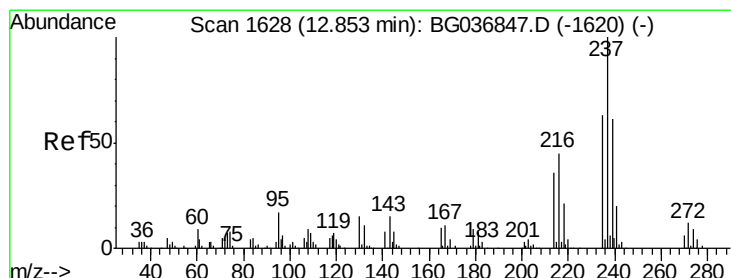
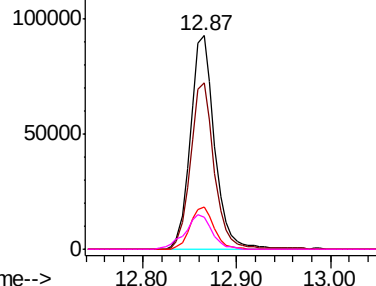


Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.856 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

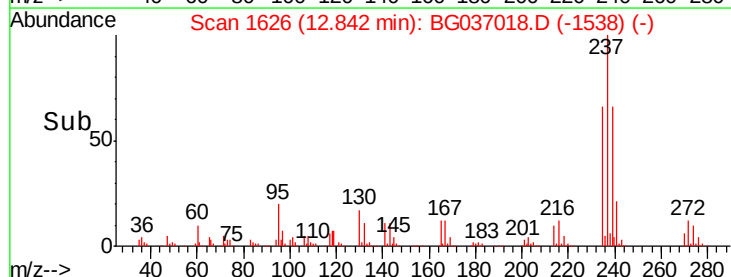
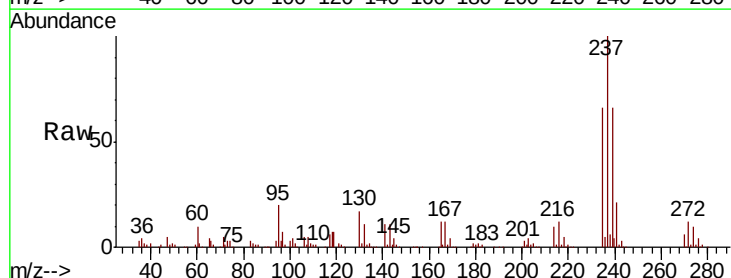
Tgt Ion:237 Resp: 203957

Ion Ratio Lower Upper

237 100

235 65.6 42.2 82.2

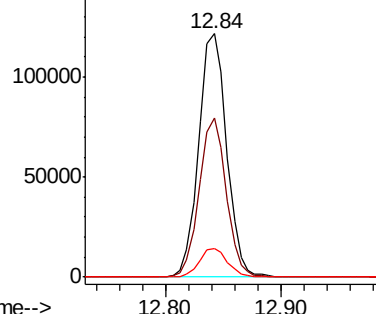
272 12.0 0.0 32.1

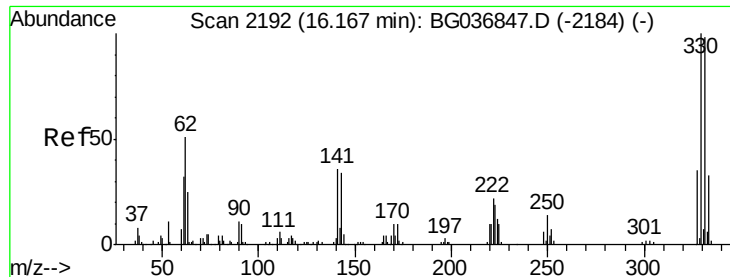


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 112.241 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

Instrument :

BNA_G

ClientSampled :

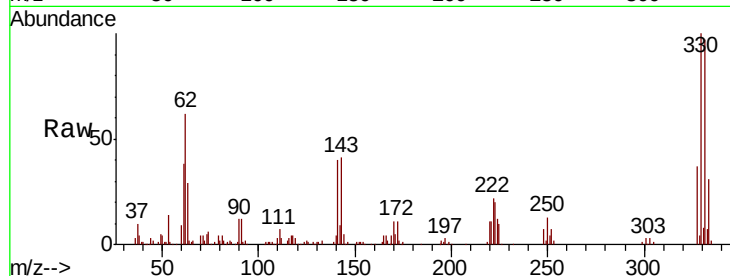
Tot Ion:330 Resp: 160969

Ion Ratio Lower Upper

330 100

332 96.3 75.4 113.2

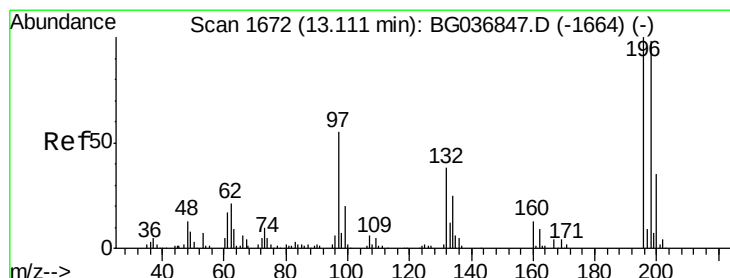
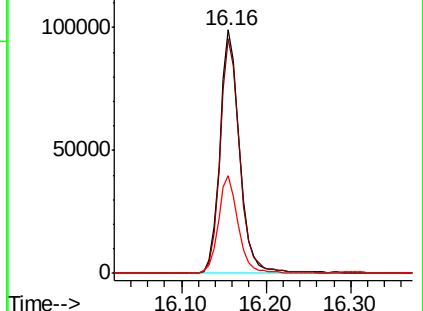
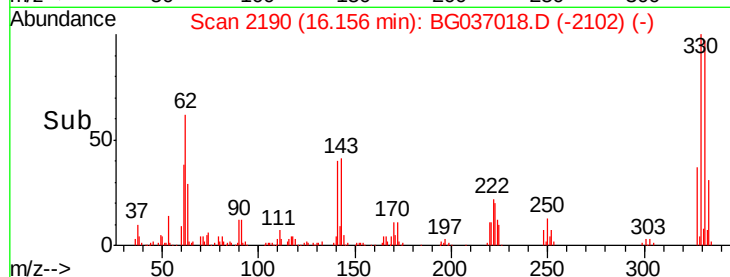
141 40.3 30.7 46.1



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: 45.476 ng

RT: 13.10 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

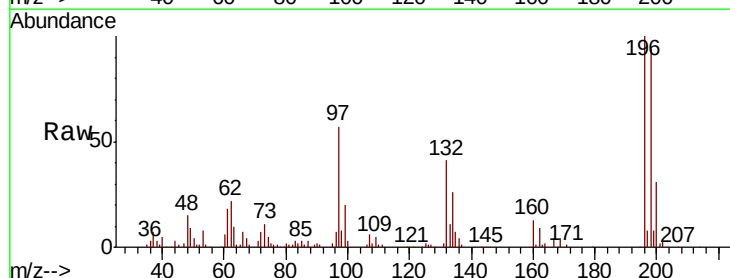
Tgt Ion:196 Resp: 105577

Ion Ratio Lower Upper

196 100

198 94.2 77.2 115.8

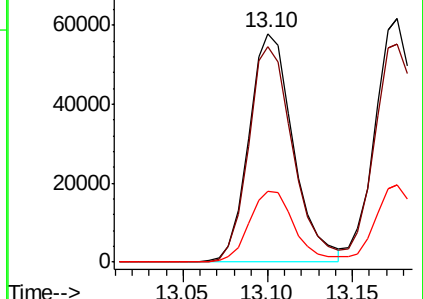
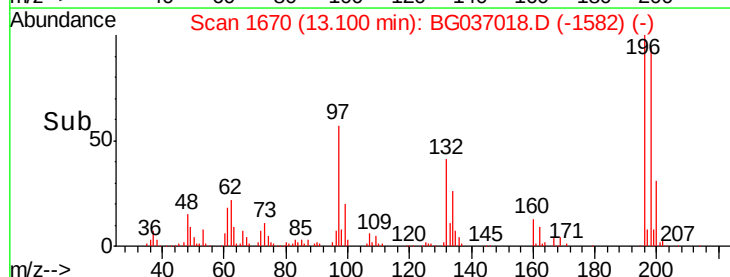
200 31.1 26.3 39.5

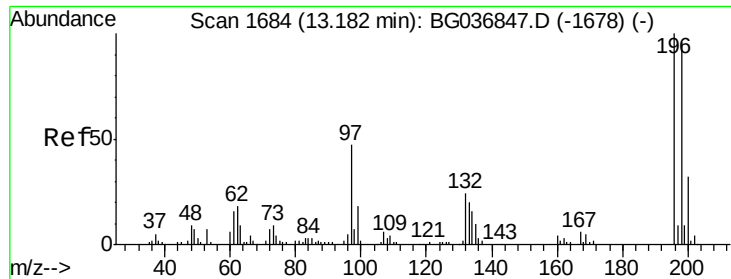


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

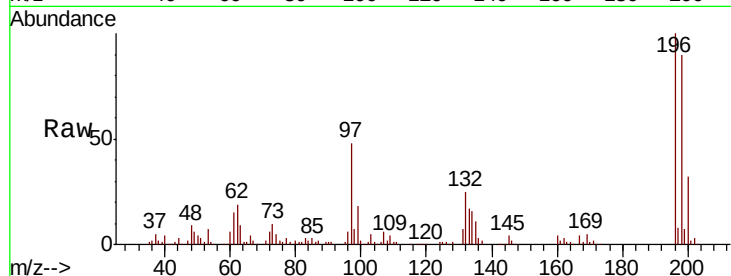




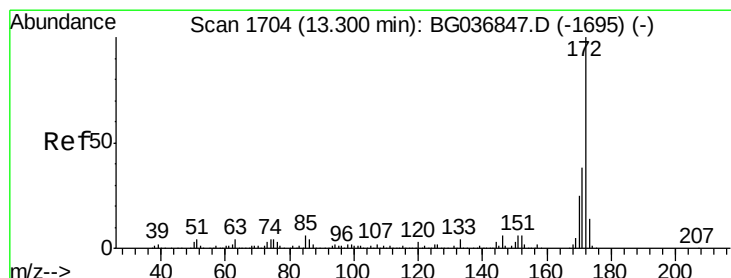
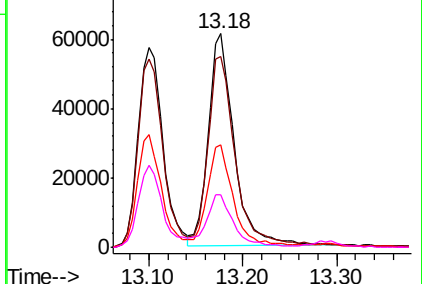
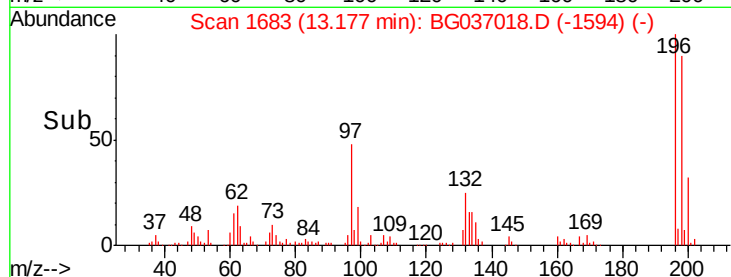
#43
 2,4,5-Trichlorophenol
 Concen: 47.956 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196	Resp:	118716
Ion	Ratio	Lower Upper
196	100	
198	89.6	75.6 113.4
97	48.1	37.2 55.8
132	24.5	19.4 29.2

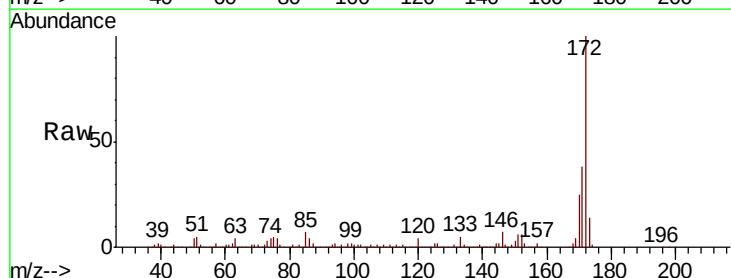


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

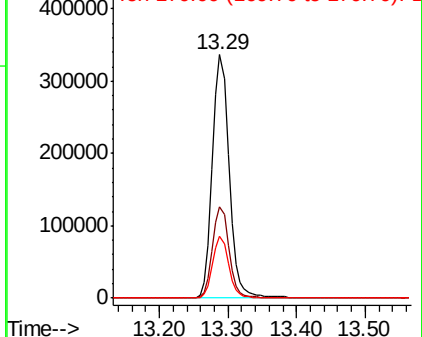
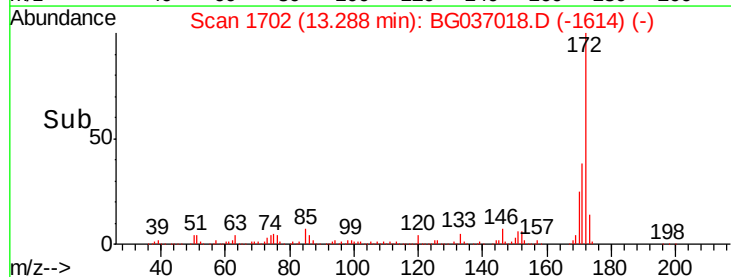


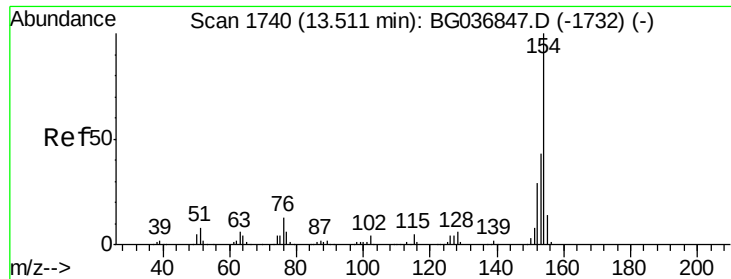
#44
 2-Fluorobiphenyl
 Concen: 71.247 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Tgt Ion:172	Resp:	573397
Ion	Ratio	Lower Upper
172	100	
171	37.7	31.3 46.9
170	25.2	21.0 31.6



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

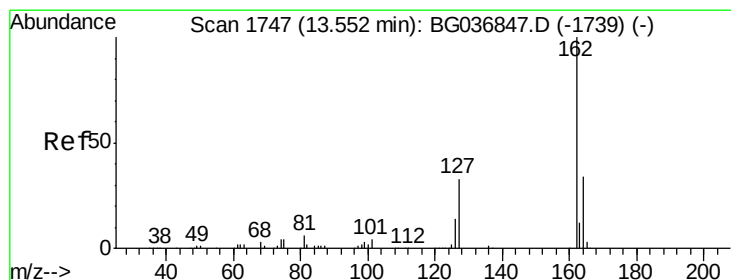
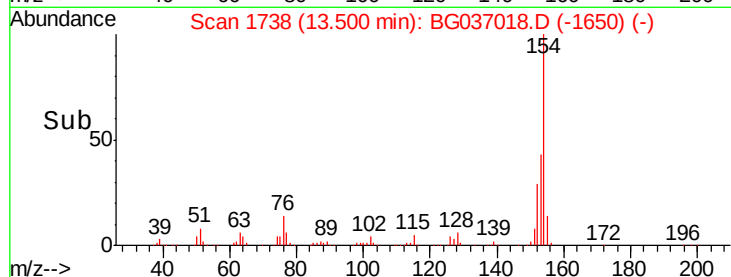
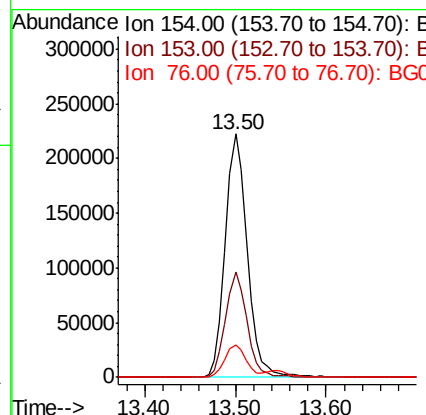
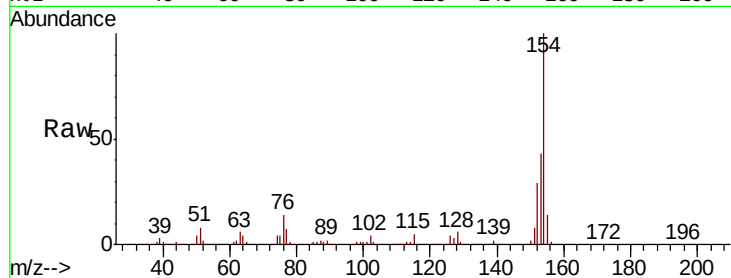




#45
 1,1'-Biphenyl
 Concen: 40.962 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

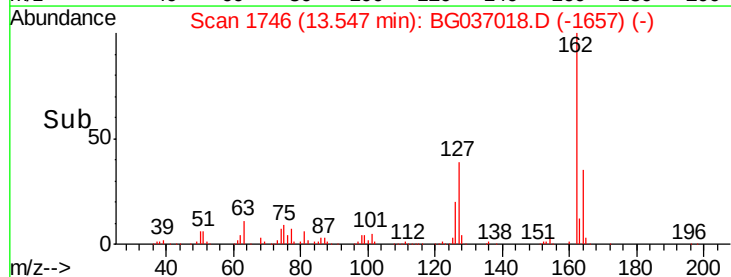
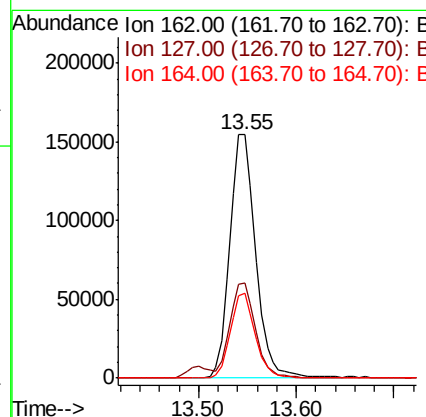
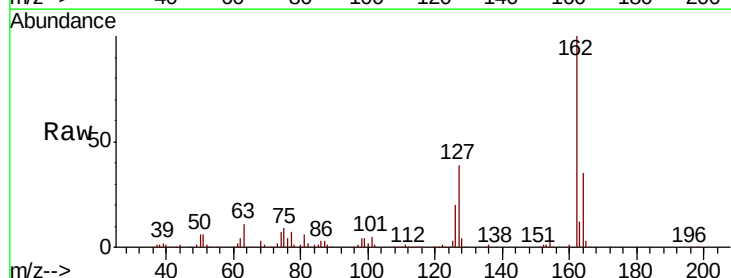
Instrument :
 BNA_G
 ClientSampled :

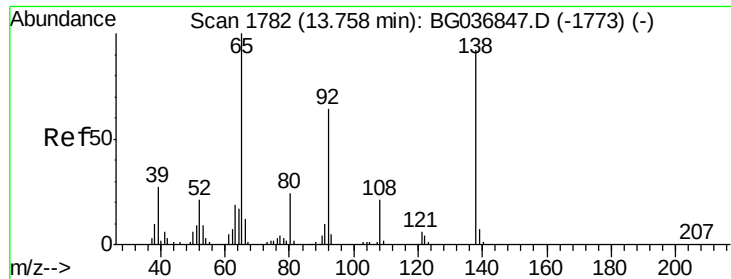
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.4	24.0	64.0
76	13.6	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 39.621 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	30.7	46.1
164	35.0	26.7	40.1

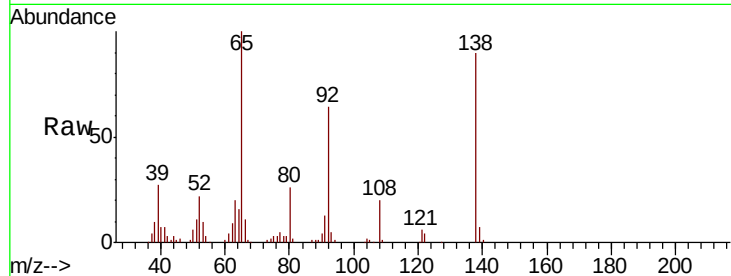




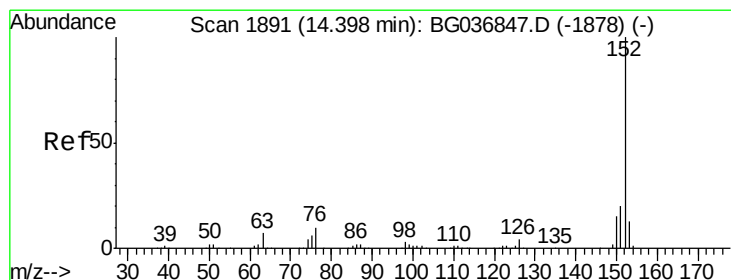
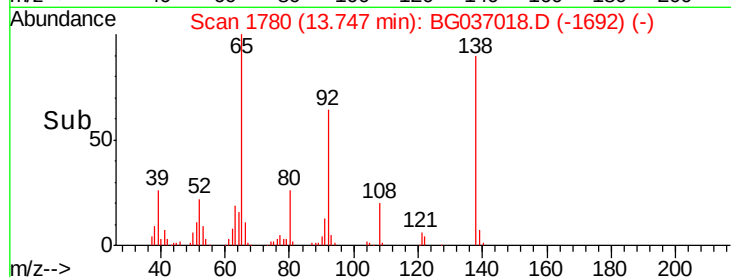
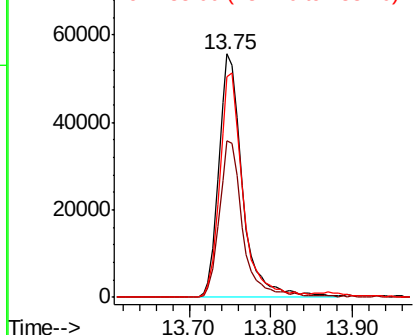
#47
2-Nitroaniline
Concen: 44.966 ng
RT: 13.75 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 112284
Ion Ratio Lower Upper
65 100
92 64.5 49.9 74.9
138 90.5 76.2 114.4

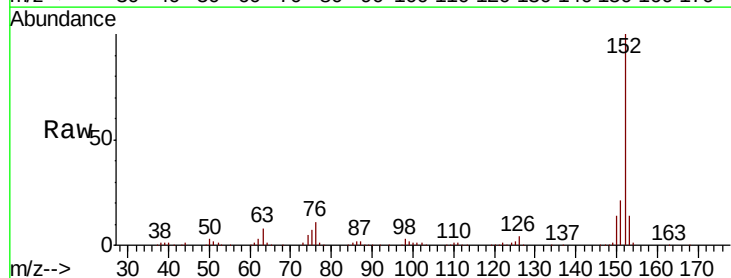


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

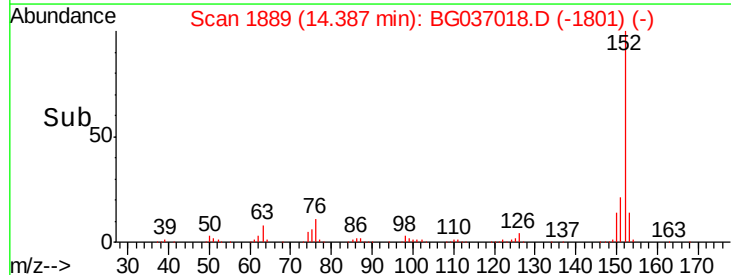
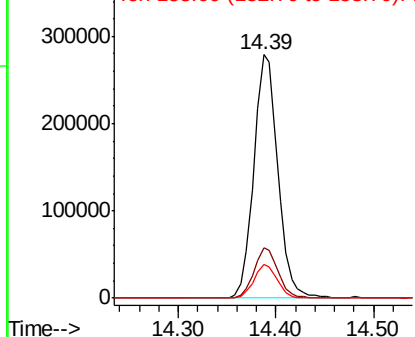


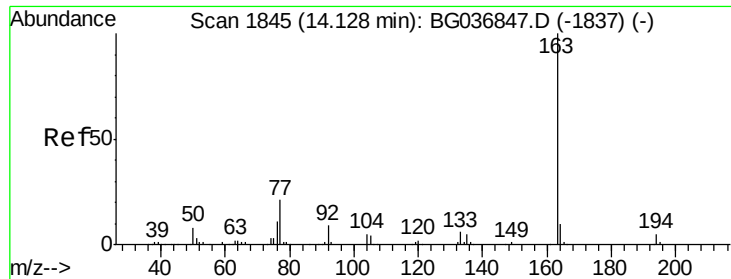
#48
Acenaphthylene
Concen: 42.933 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

Tgt Ion: 152 Resp: 485691
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 14.1 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: 40.645 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

Instrument :

BNA_G

ClientSampleId :

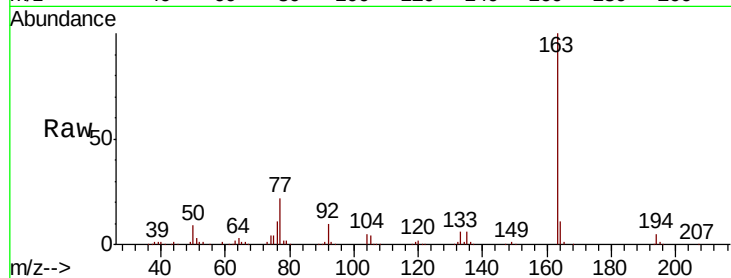
Tot Ion:163 Resp: 392164

Ion Ratio Lower Upper

163 100

194 4.6 4.0 6.0

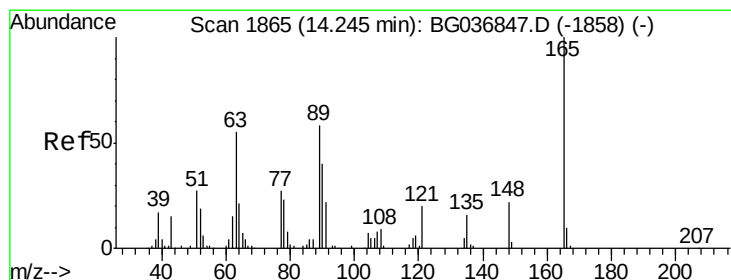
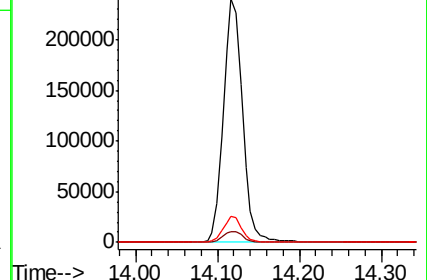
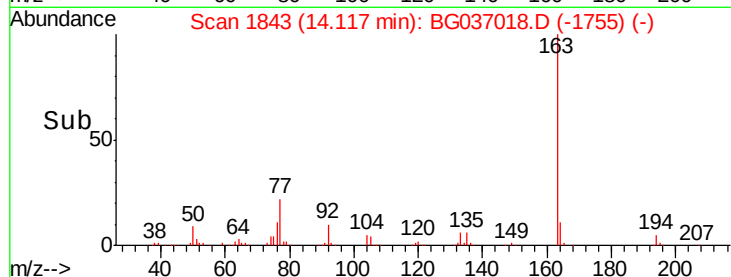
164 10.7 8.1 12.1



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: 40.507 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

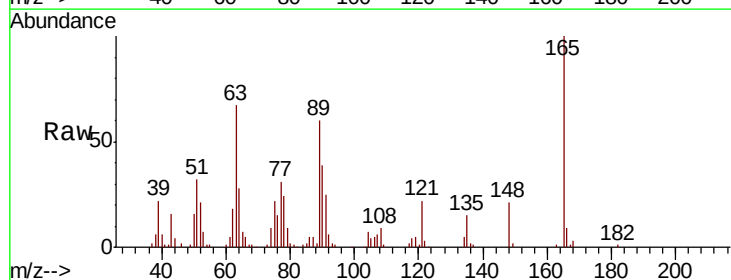
Tgt Ion:165 Resp: 85273

Ion Ratio Lower Upper

165 100

63 67.5 50.1 75.1

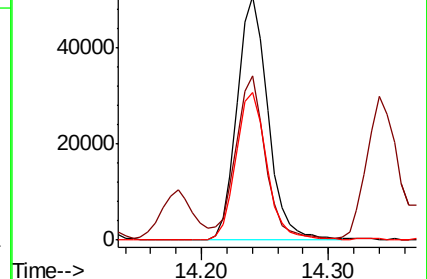
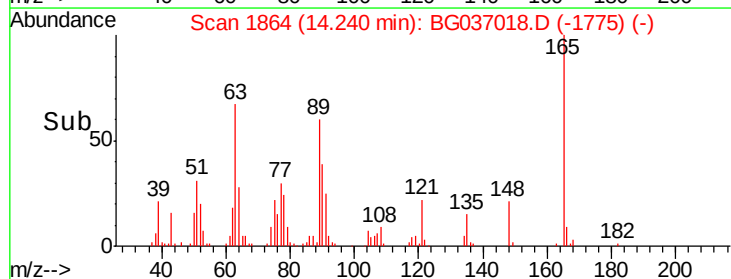
89 60.5 47.8 71.6

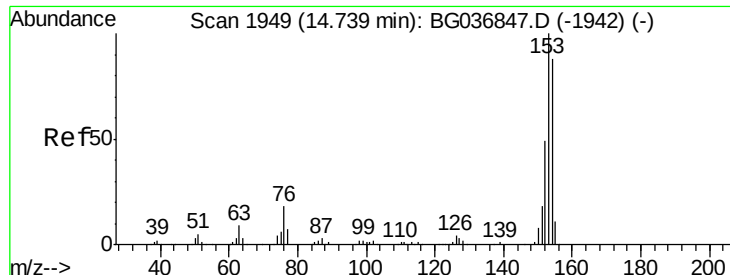


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 41.155 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

Instrument :

BNA_G

ClientSampled :

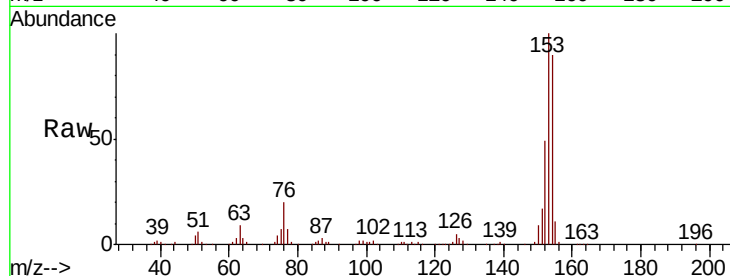
Tot Ion:154 Resp: 281385

Ion Ratio Lower Upper

154 100

153 111.1 91.8 137.6

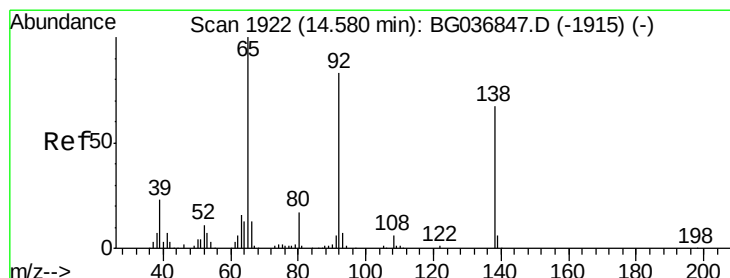
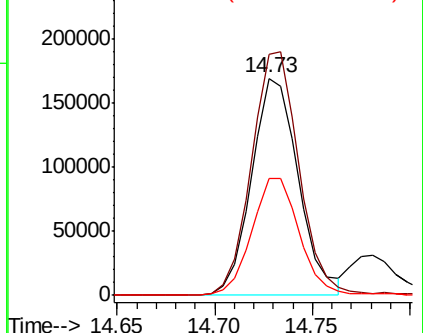
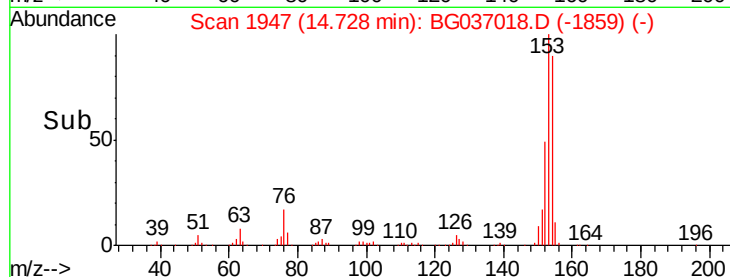
152 54.0 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.233 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

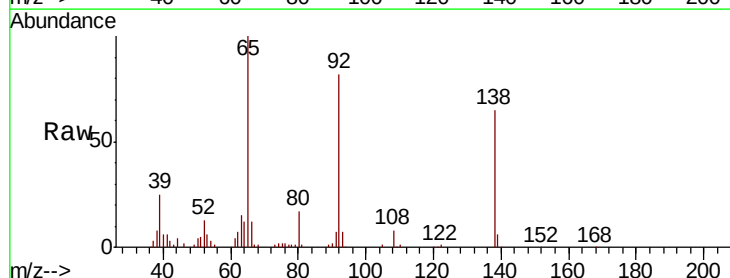
Tgt Ion:138 Resp: 67065

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.2

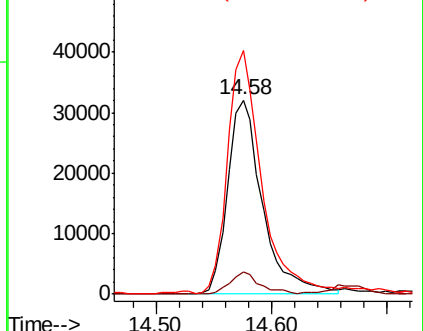
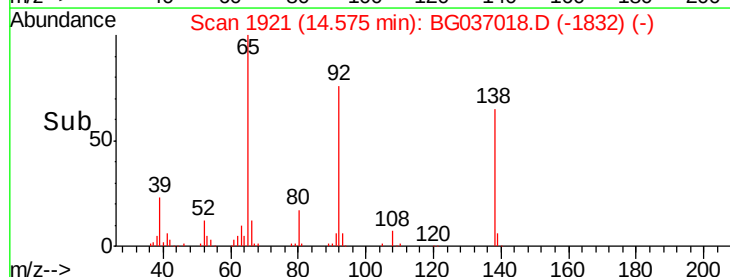
92 125.5 96.8 145.2

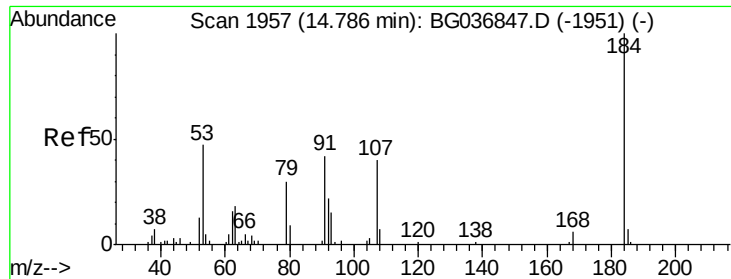


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

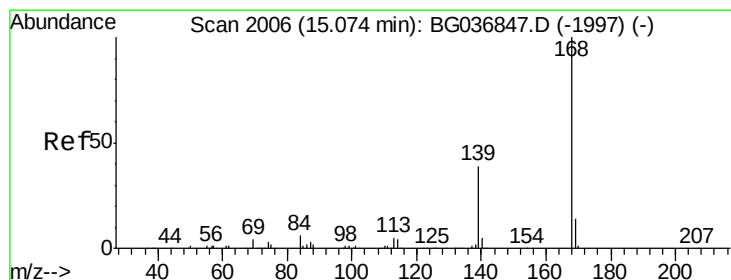
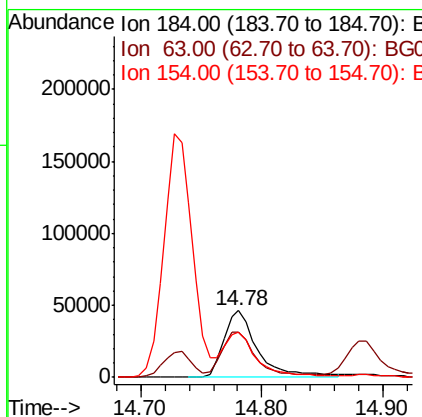
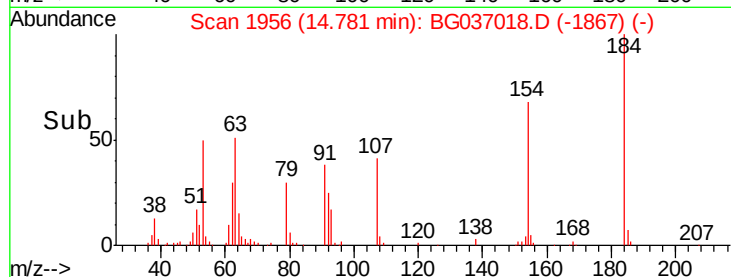
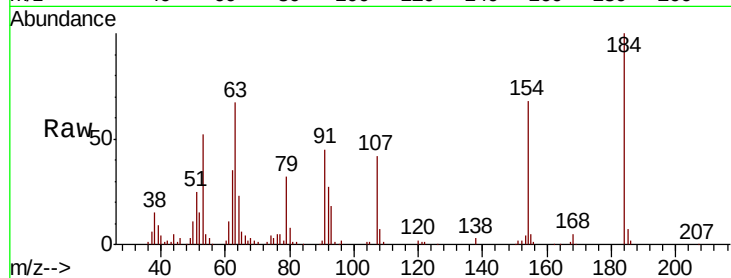




#53
 2,4-Dinitrophenol
 Concen: 90.923 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

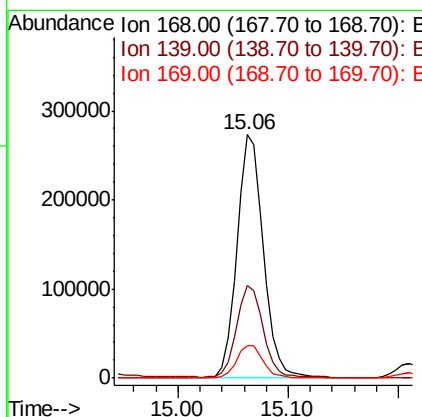
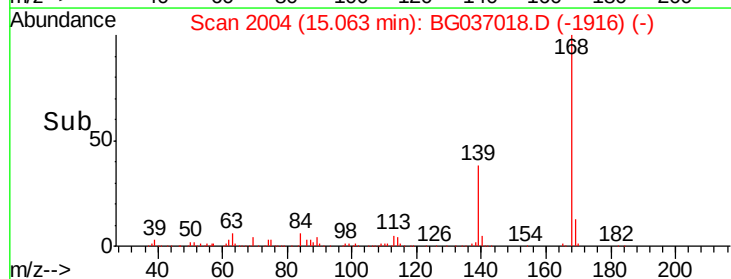
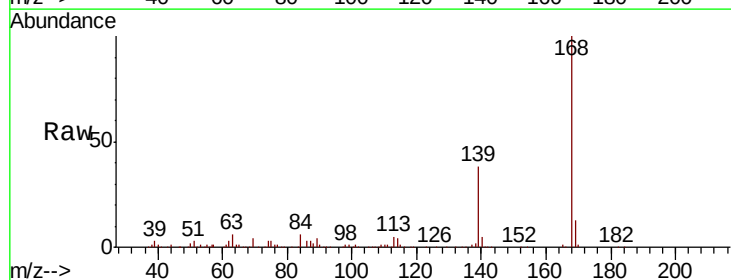
Instrument :
 BNA_G
 ClientSampled :

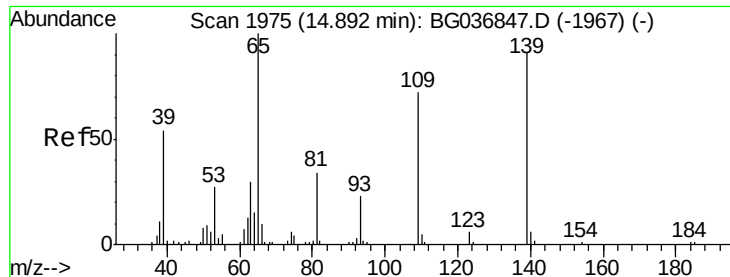
Tot Ion:184 Resp: 90842
 Ion Ratio Lower Upper
 184 100
 63 67.5 47.3 70.9
 154 67.7 51.1 76.7



#54
 Dibenzofuran
 Concen: 39.777 ng
 RT: 15.06 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Tgt Ion:168 Resp: 460024
 Ion Ratio Lower Upper
 168 100
 139 37.9 31.0 46.6
 169 13.1 11.1 16.7

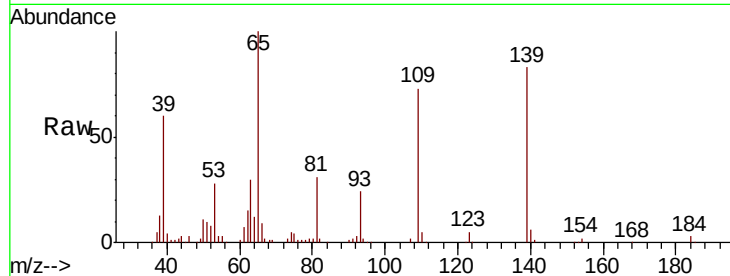




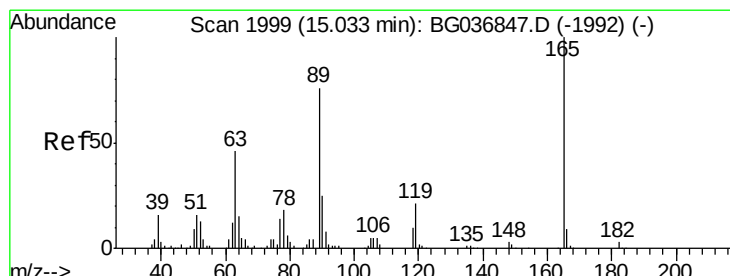
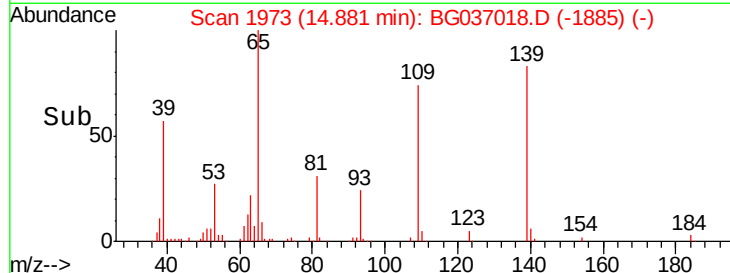
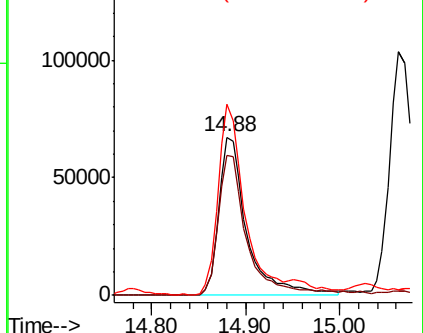
#55
4-Nitrophenol
Concen: 99.869 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 141528
Ion Ratio Lower Upper
139 100
109 88.6 63.9 103.9
65 120.6 90.0 130.0

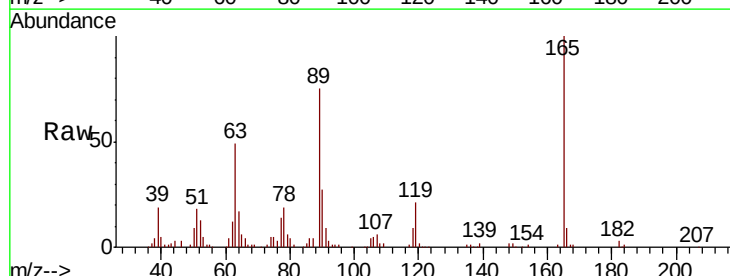


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

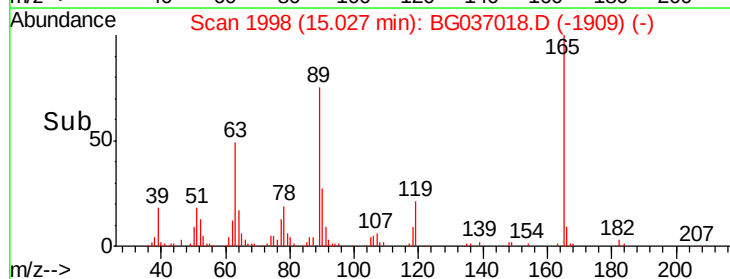
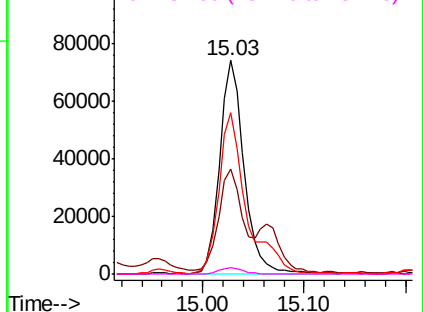


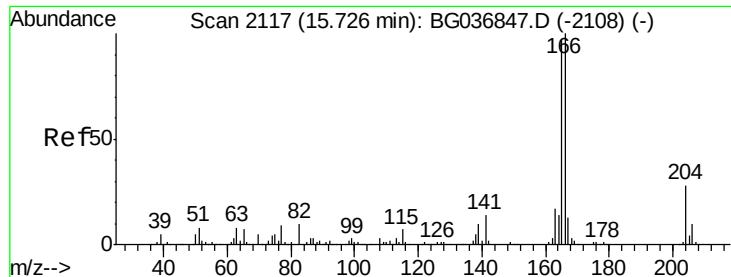
#56
2,4-Dinitrotoluene
Concen: 42.197 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

Tgt Ion:165 Resp: 123952
Ion Ratio Lower Upper
165 100
63 49.2 40.1 60.1
89 75.4 63.7 95.5
182 3.0 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

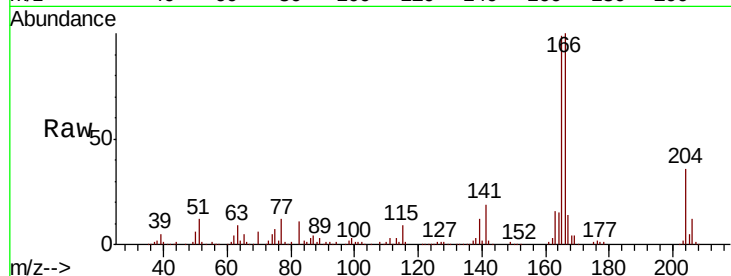




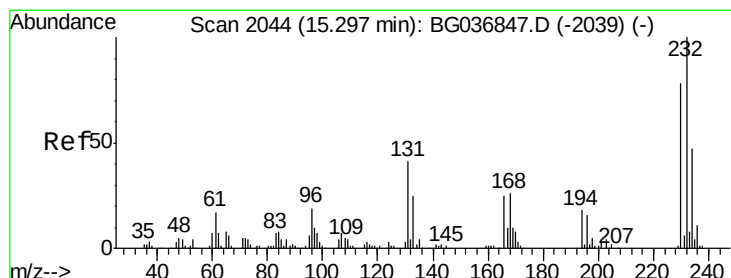
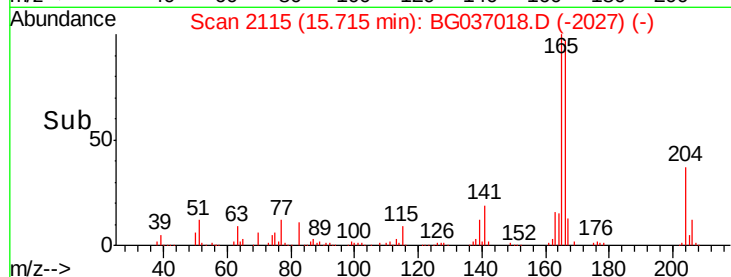
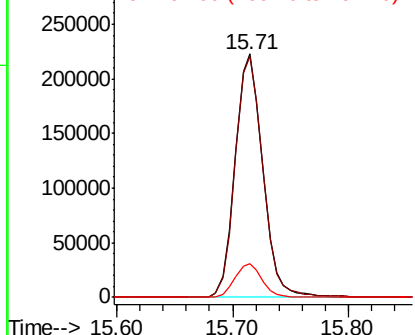
#57
 Fluorene
 Concen: 42.628 ng
 RT: 15.71 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.0	115.4
167	14.0	10.6	16.0



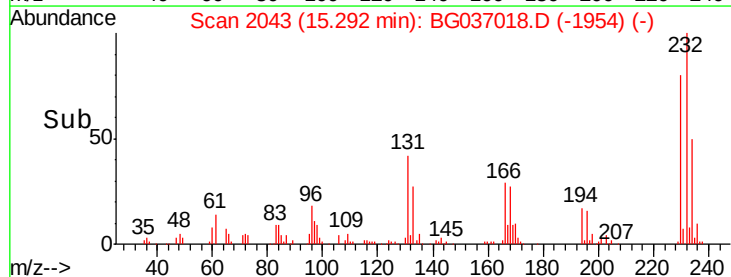
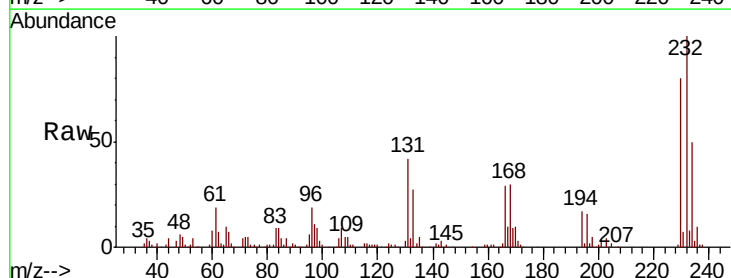
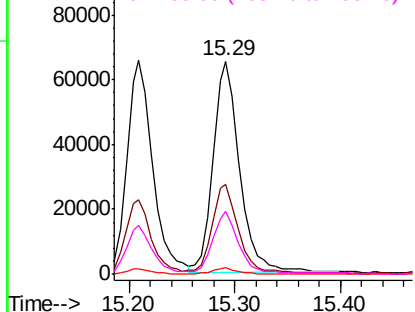
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

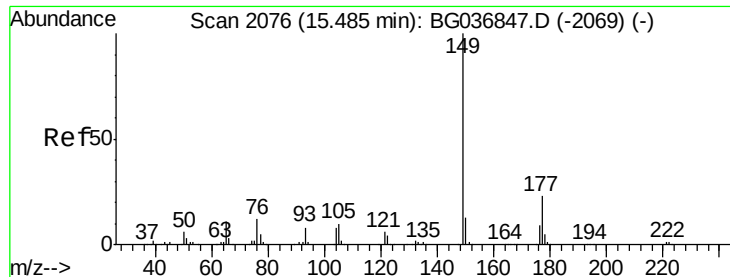


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.966 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.3	33.8	50.8
130	2.6	2.1	3.1
166	27.9	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

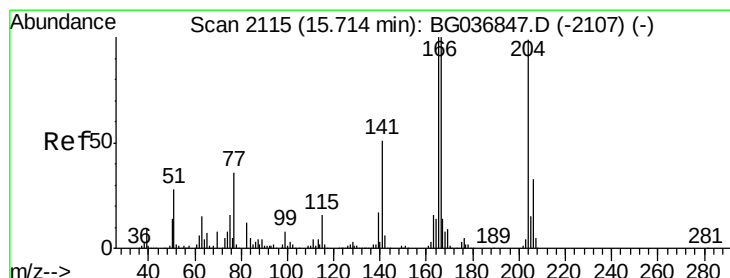
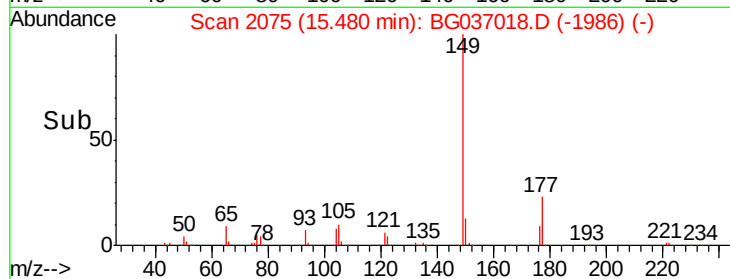
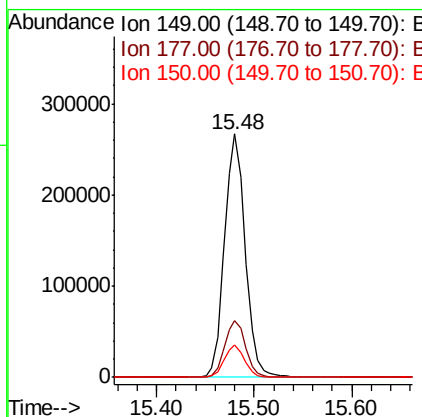
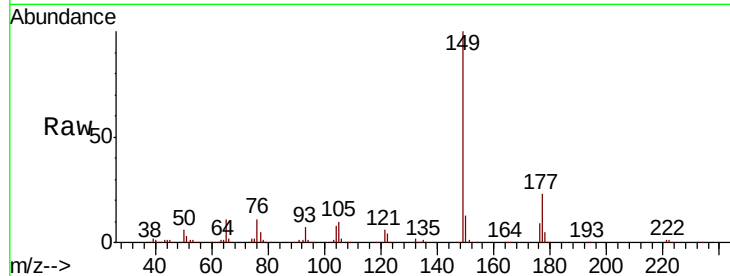




#59
Diethylphthalate
Concen: 40.442 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

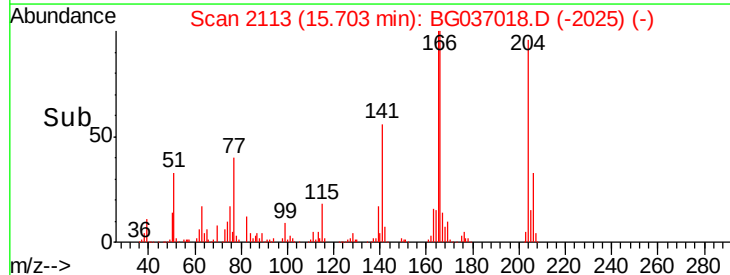
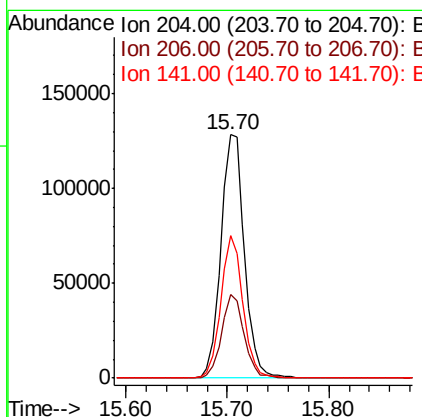
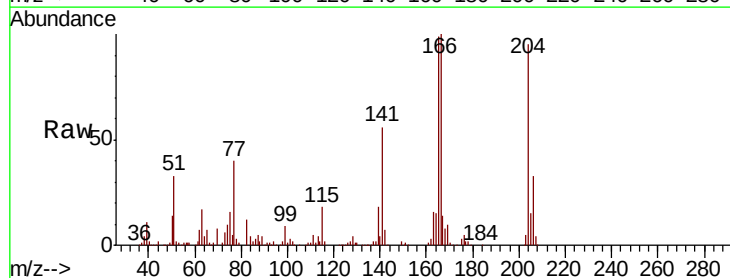
Instrument :
BNA_G
ClientSampleId :

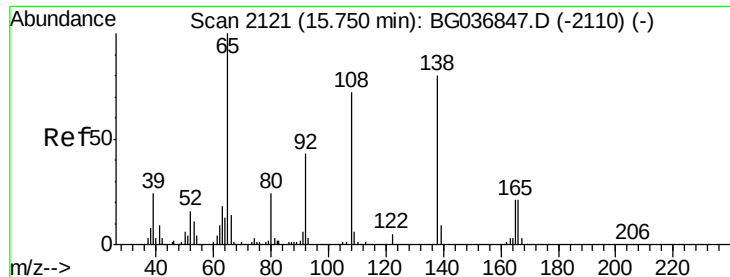
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.1	28.7
150	13.3	10.7	16.1



#60
4-Chlorophenyl-phenylether
Concen: 37.688 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	27.0	40.4
141	58.4	43.8	65.6





#61

4-Nitroaniline

Concen: 41.595 ng

RT: 15.74 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

Instrument :

BNA_G

ClientSampled :

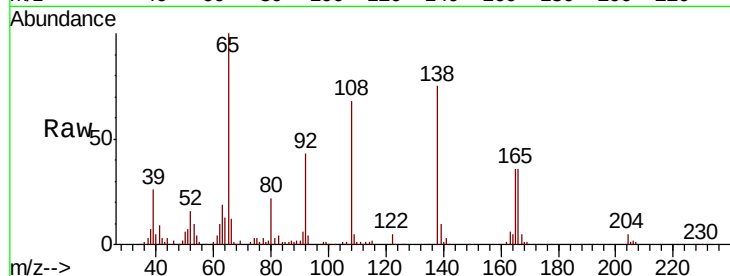
Tot Ion:138 Resp: 97056

Ion Ratio Lower Upper

138 100

92 57.4 38.5 78.5

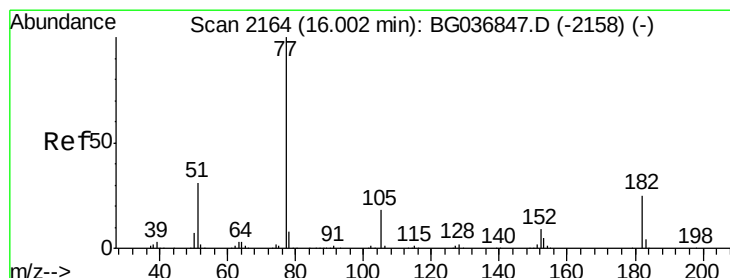
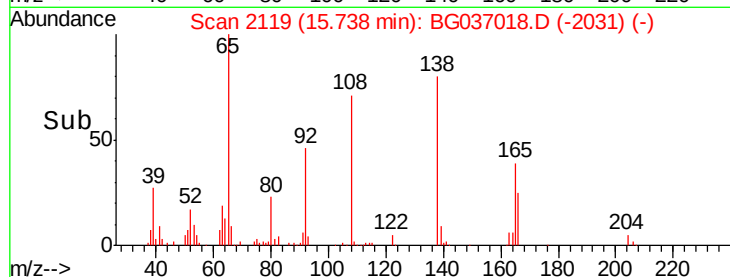
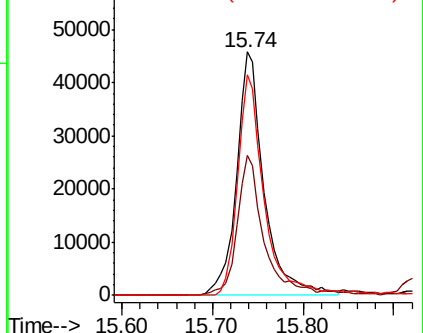
108 90.6 70.3 110.3



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: 42.941 ng

RT: 16.00 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

Tgt Ion: 77 Resp: 401525

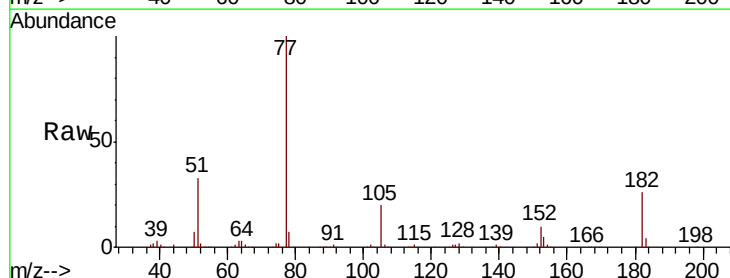
Ion Ratio Lower Upper

77 100

182 25.9 6.7 46.7

105 19.7 0.0 39.8

51 32.6 12.4 52.4

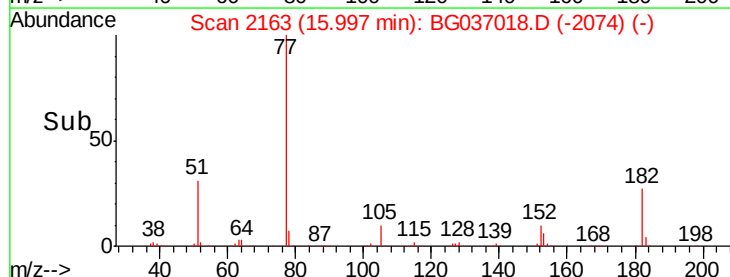
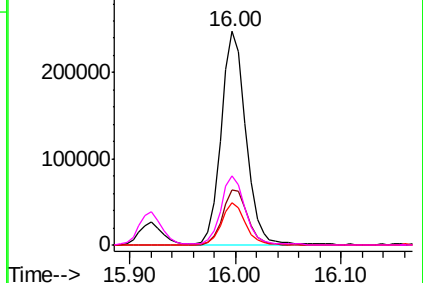


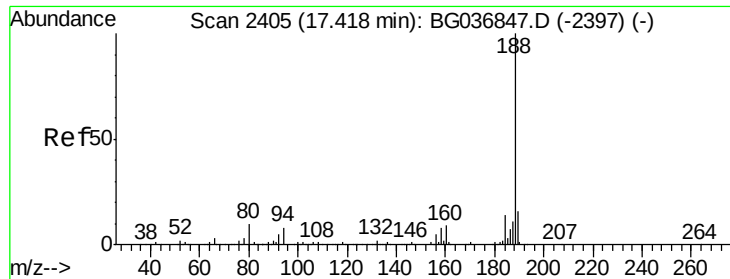
Abundance Ion 77.00 (76.70 to 77.70): BG

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

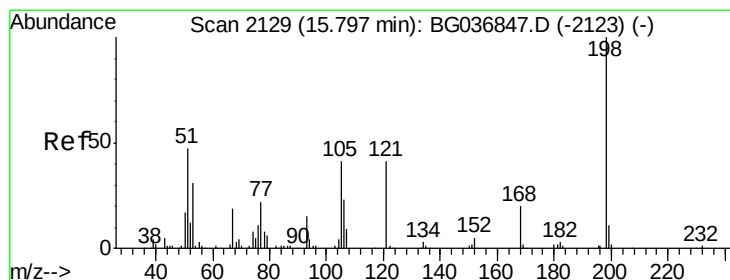
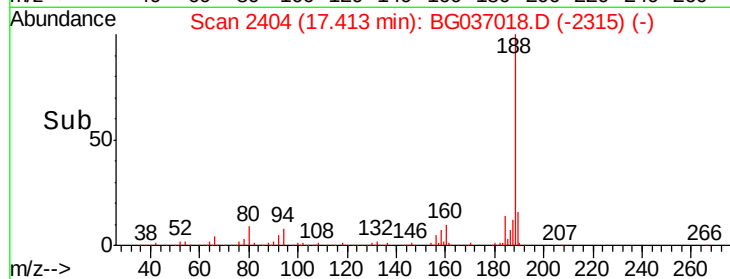
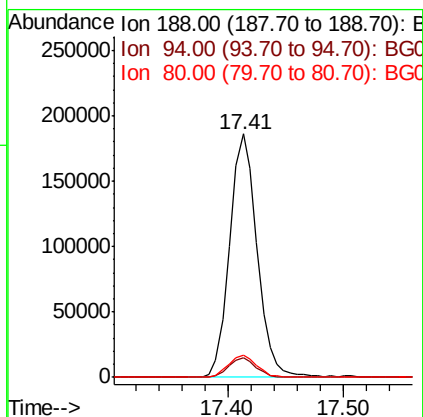
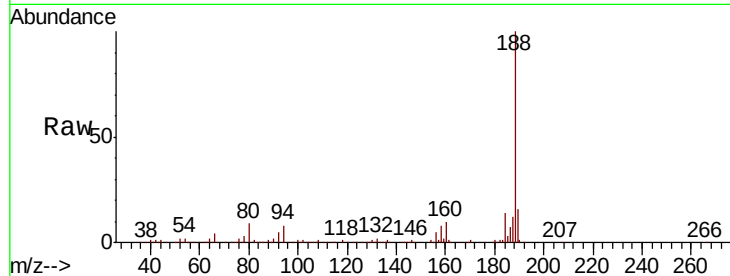




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

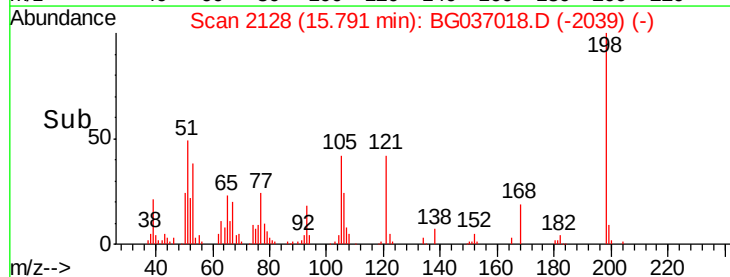
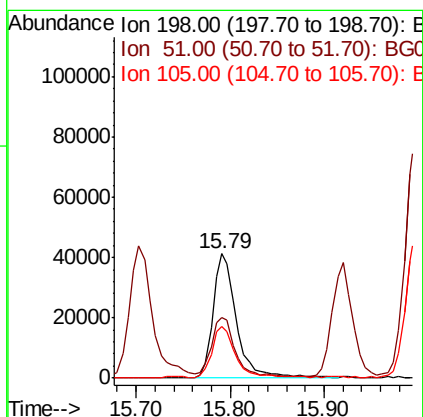
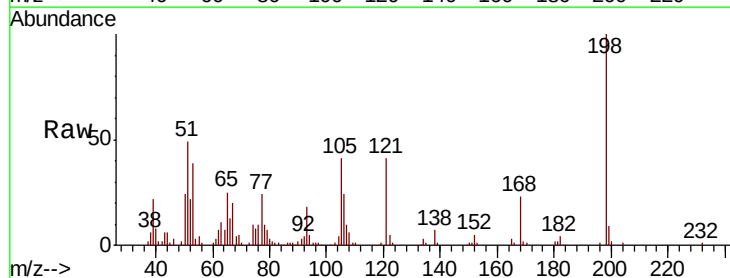
Instrument :
 BNA_G
 ClientSampleId :

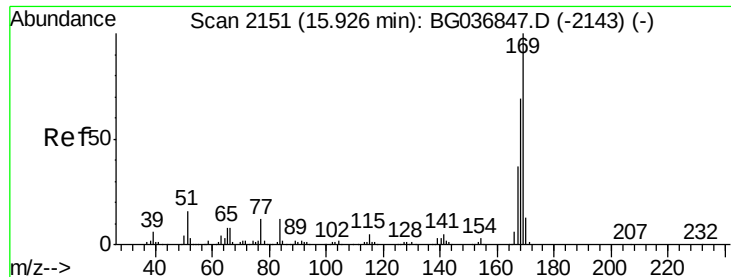
Tot Ion:188 Resp: 306783
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.7 10.1
 80 9.3 8.1 12.1



#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.369 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Tgt Ion:198 Resp: 72768
 Ion Ratio Lower Upper
 198 100
 51 49.0 26.5 66.5
 105 41.4 20.2 60.2

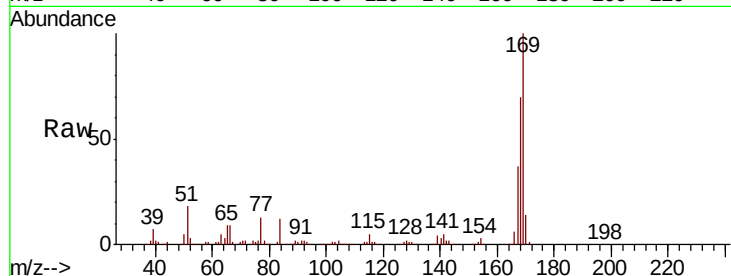




#65
 n-Nitrosodiphenylamine
 Concen: 40.174 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.1	57.6	86.4
167	37.5	31.0	46.4

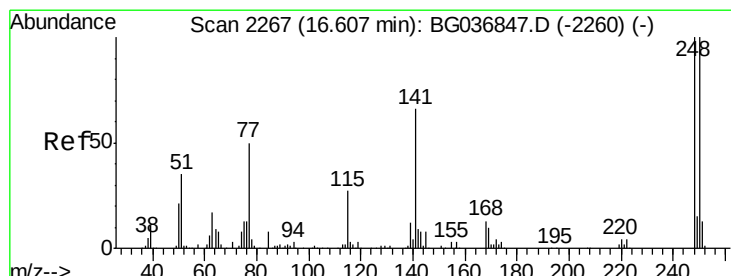
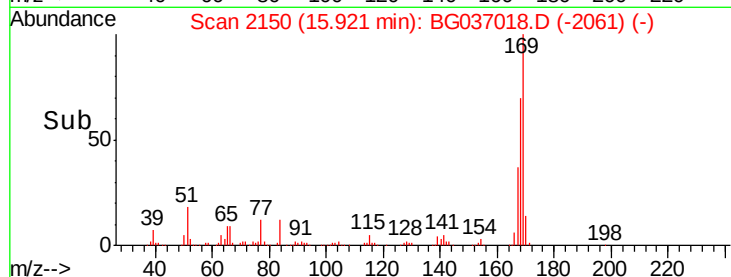
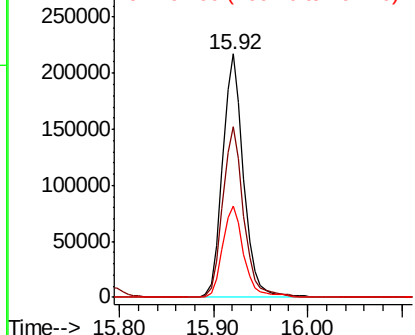


Abundance

Ion 169.00 (168.70 to 169.70): E

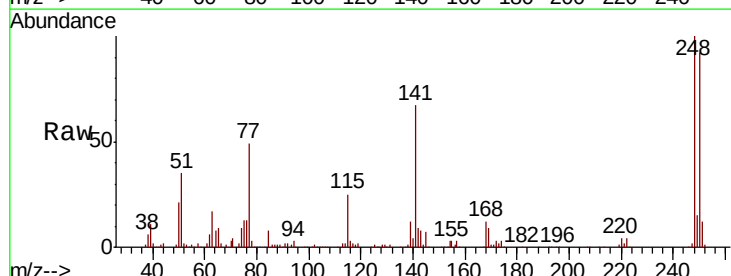
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 38.343 ng
 RT: 16.60 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	92.4	78.1	117.1
141	66.7	53.7	80.5

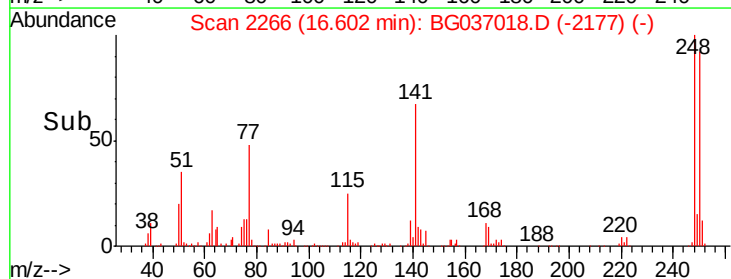
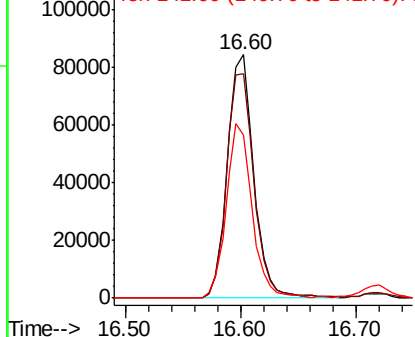


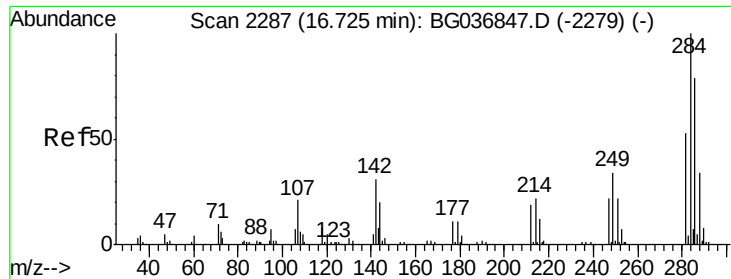
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

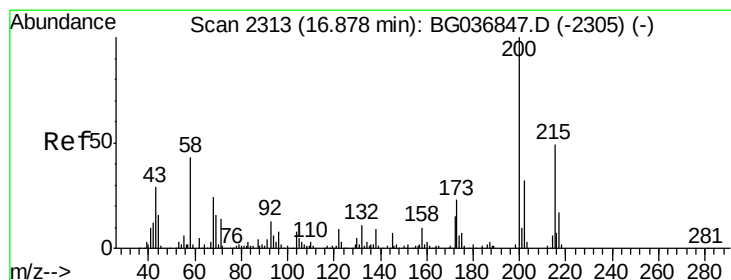
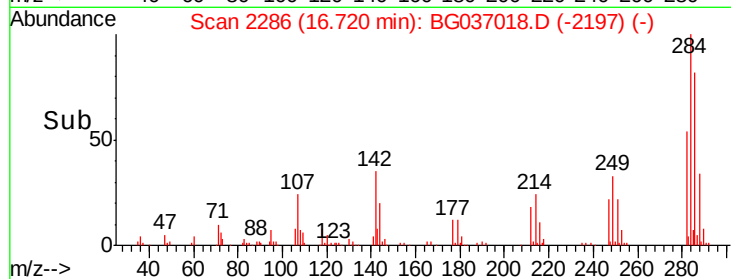
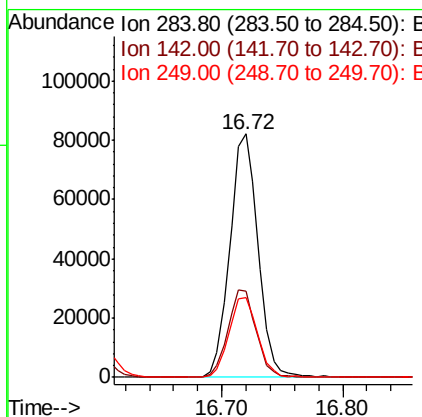
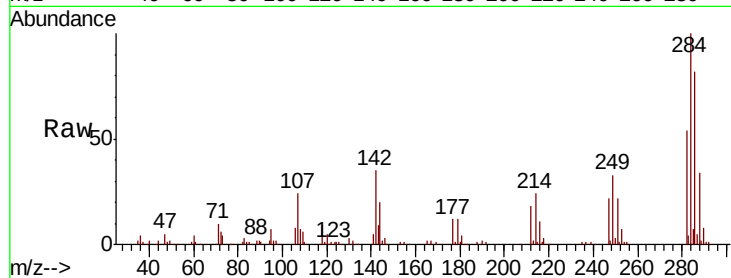




#67
Hexachlorobenzene
Concen: 37.028 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

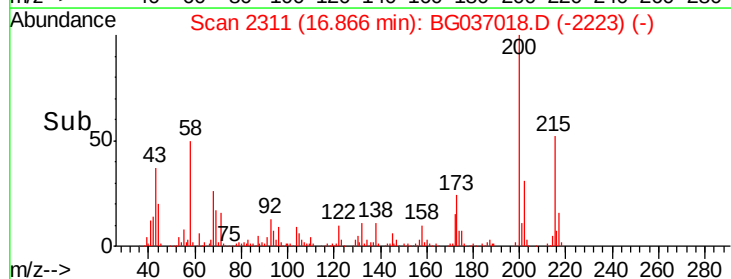
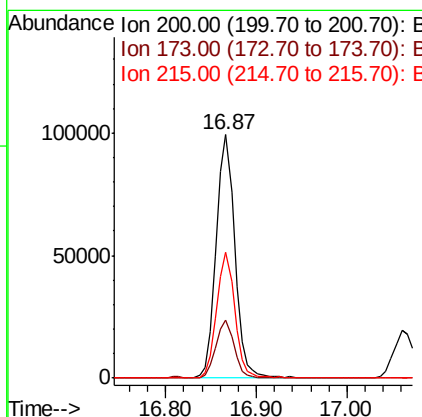
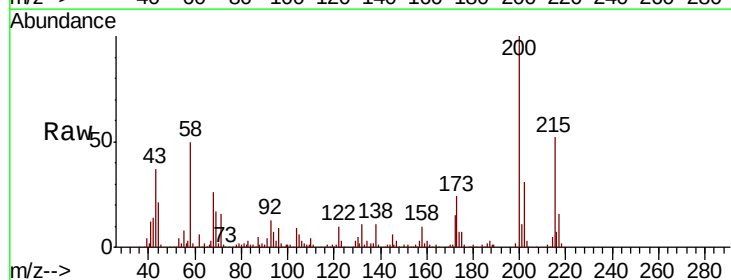
Instrument :
BNA_G
ClientSampled :

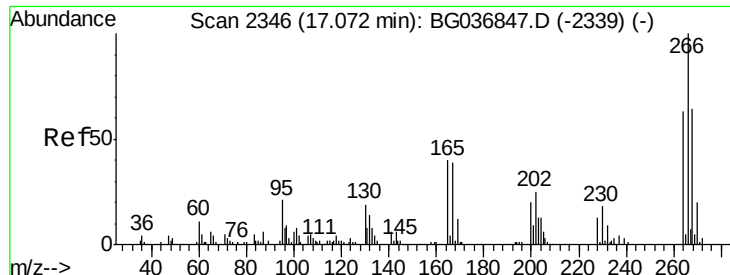
Tot Ion:284 Resp: 133074
Ion Ratio Lower Upper
284 100
142 35.5 27.8 41.6
249 32.6 27.4 41.2



#68
Atrazine
Concen: 41.437 ng
RT: 16.87 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

Tgt Ion:200 Resp: 142102
Ion Ratio Lower Upper
200 100
173 23.9 3.9 43.9
215 51.8 30.4 70.4

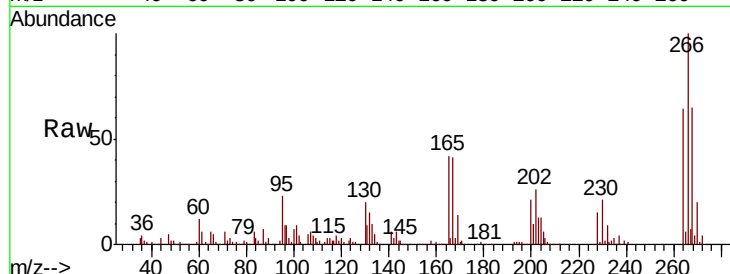




#69
 Pentachlorophenol
 Concen: 73.889 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.4	77.2
264	63.8	48.9	73.3

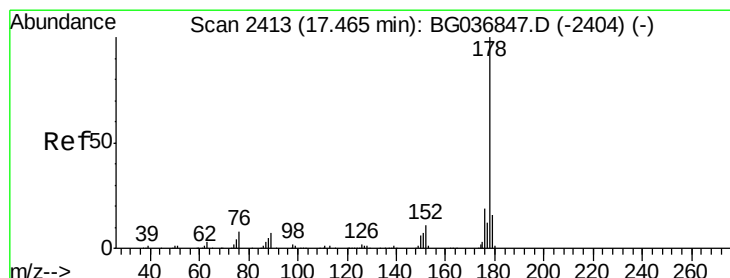
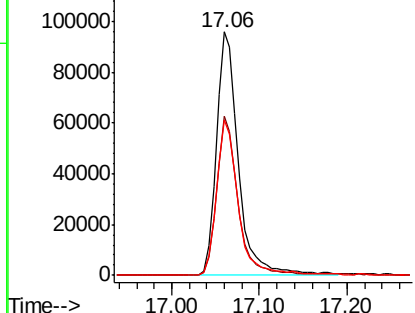
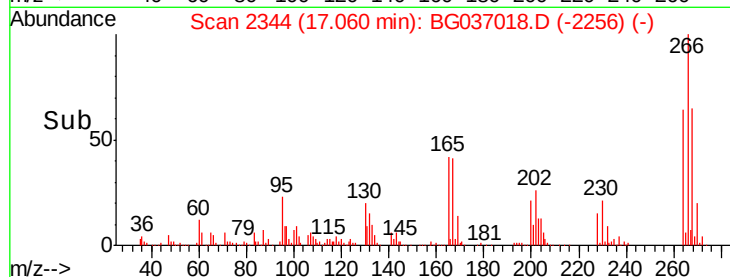


Abundance

Ion 265.70 (265.40 to 266.40): E

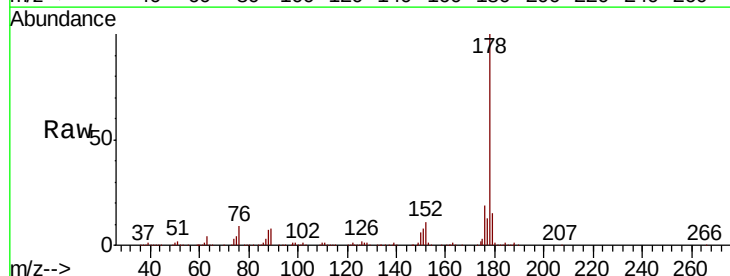
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.661 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.4	13.4	20.2

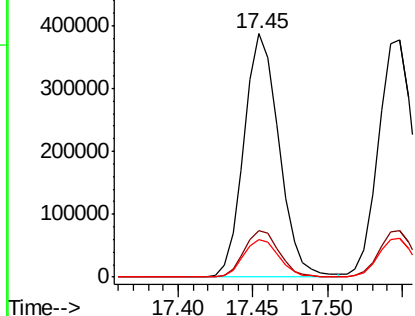
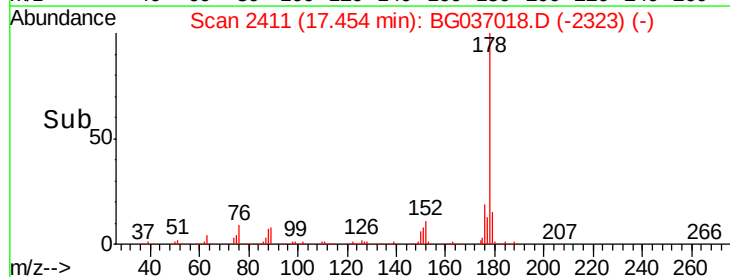


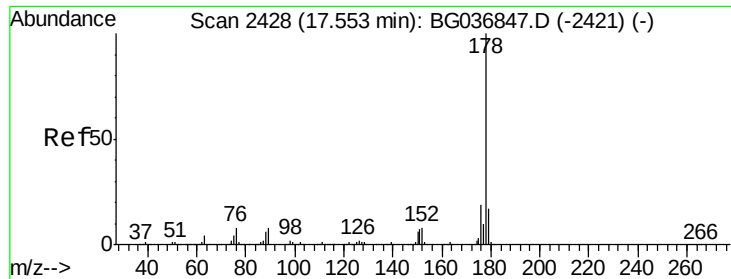
Abundance

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

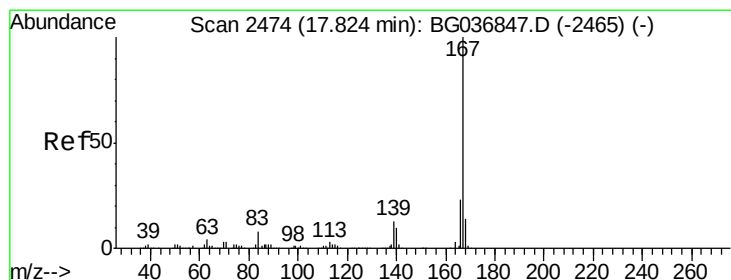
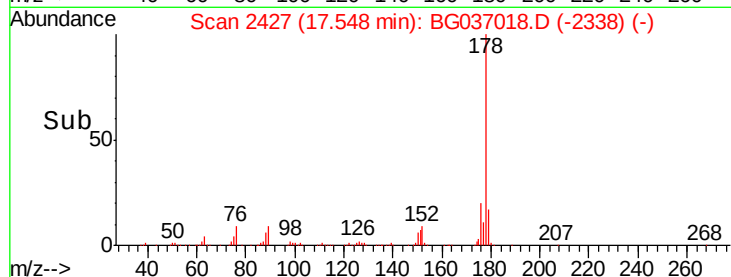
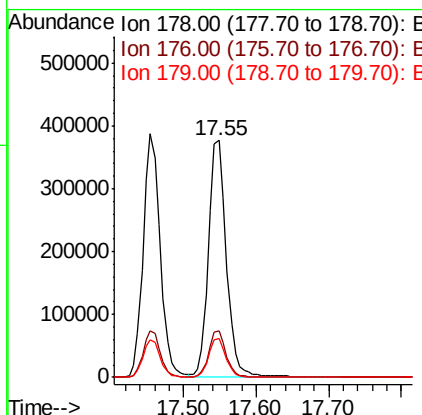
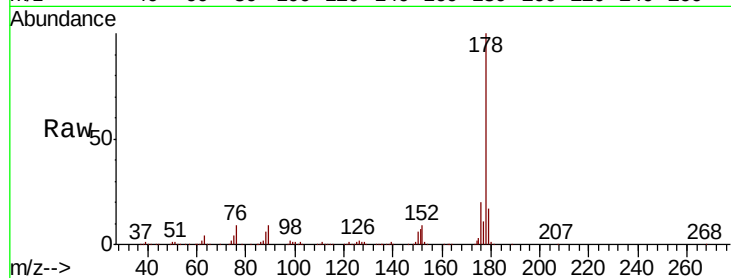




#71
 Anthracene
 Concen: 44.484 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

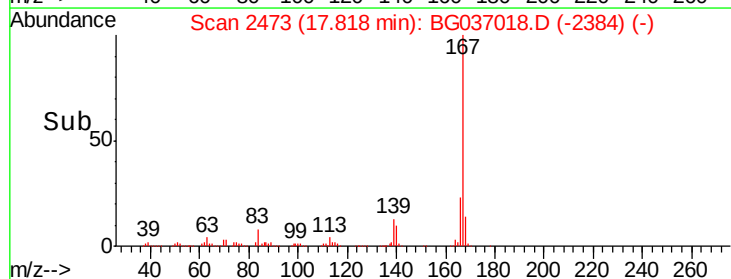
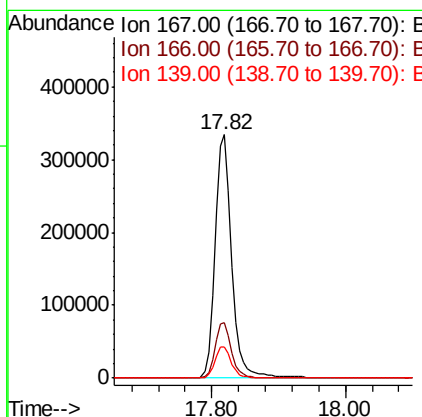
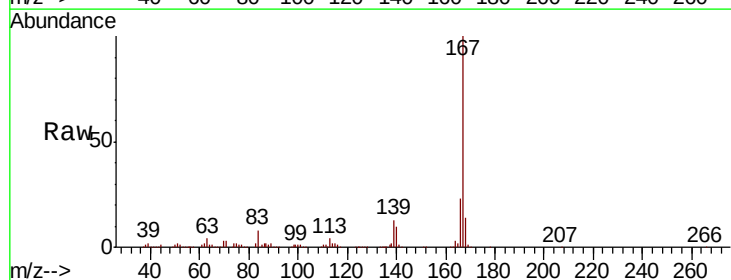
Instrument :
 BNA_G
 ClientSampleId :

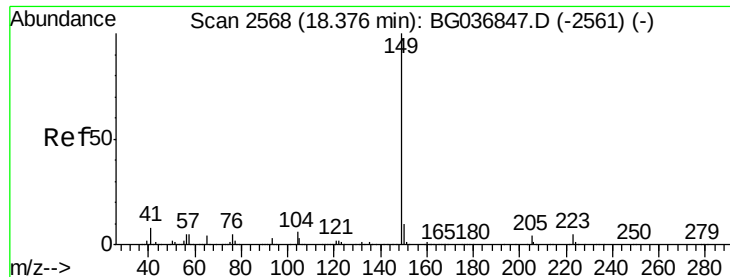
Tot Ion:178 Resp: 650283
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 16.5 13.0 19.4



#72
 Carbazole
 Concen: 41.133 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Tgt Ion:167 Resp: 586266
 Ion Ratio Lower Upper
 167 100
 166 22.6 19.5 29.3
 139 12.8 10.7 16.1

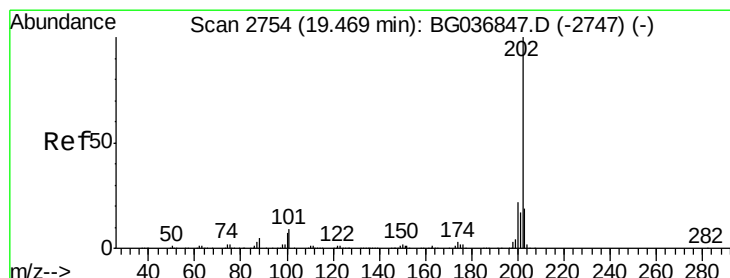
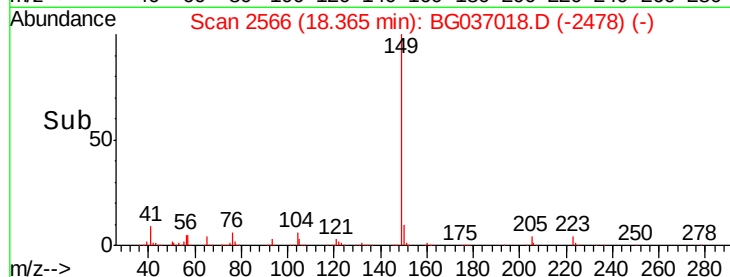
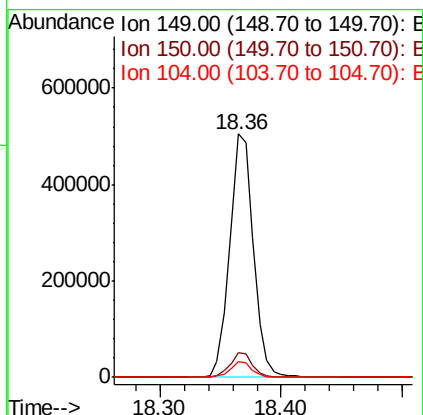
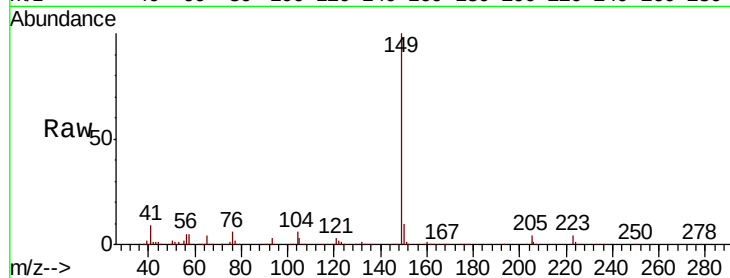




#73
Di-n-butylphthalate
Concen: 43.736 ng
RT: 18.36 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

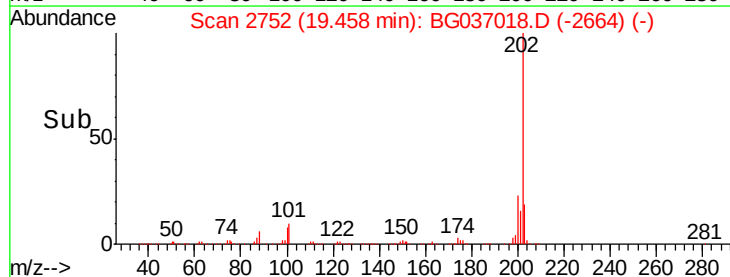
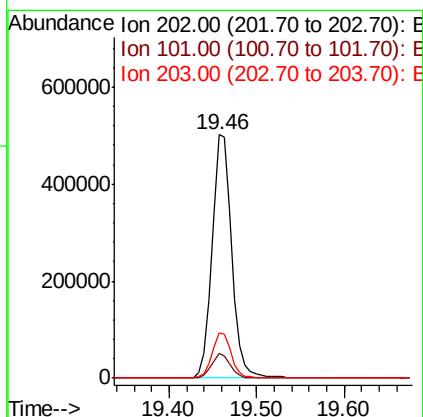
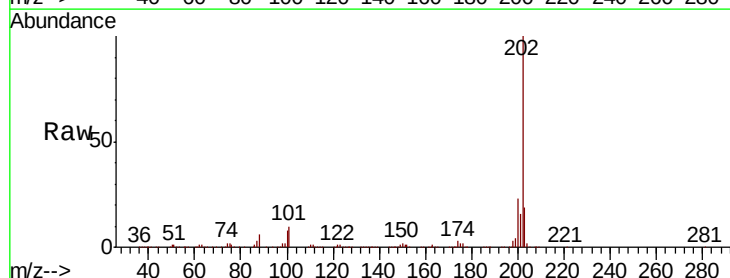
Instrument :
BNA_G
ClientSampleId :

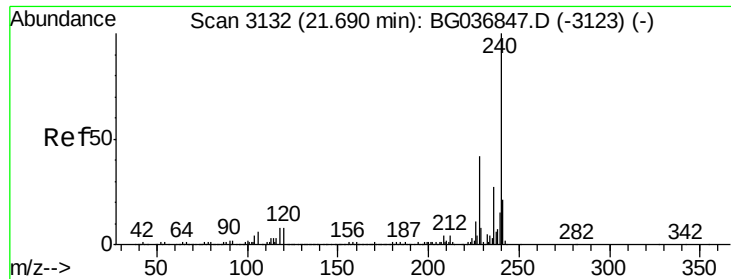
Tot Ion:149 Resp: 692266
Ion Ratio Lower Upper
149 100
150 10.1 8.1 12.1
104 6.2 4.6 6.8



#74
Fluoranthene
Concen: 43.947 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

Tgt Ion:202 Resp: 782049
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.4
203 18.5 0.0 38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

Instrument :

BNA_G

ClientSampleId :

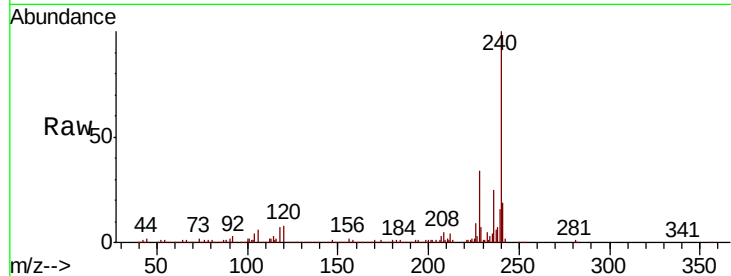
Tot Ion:240 Resp: 313258

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

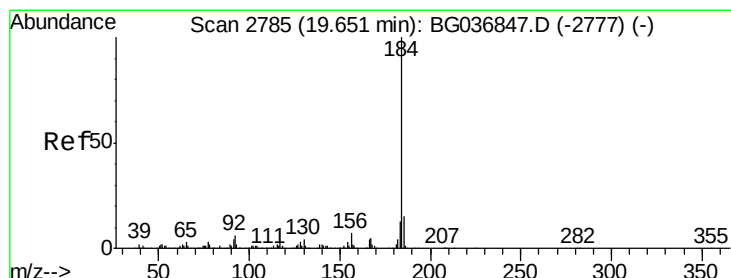
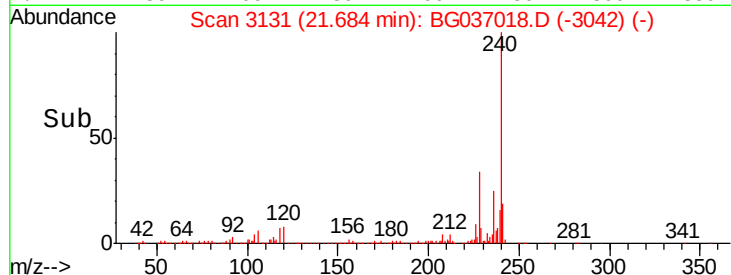
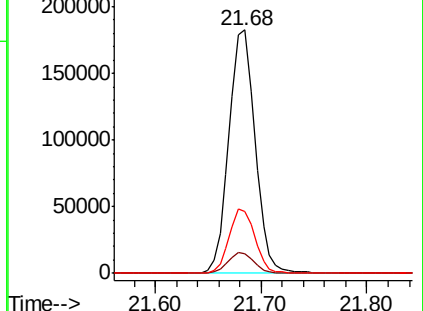
236 25.3 21.2 31.8



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: 35.915 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

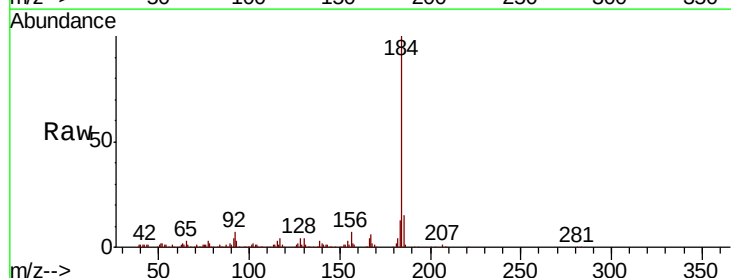
Tgt Ion:184 Resp: 340105

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

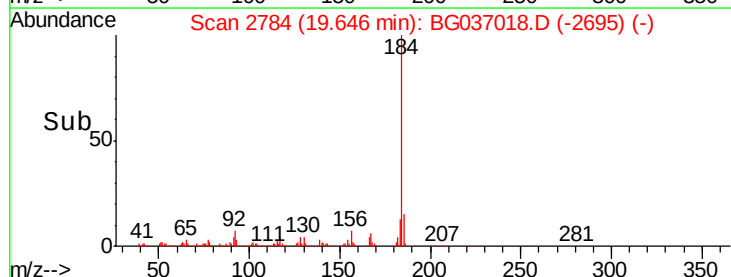
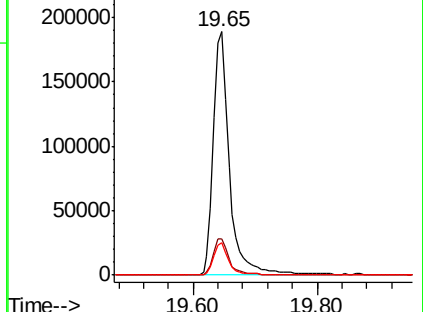
183 13.4 10.9 16.3

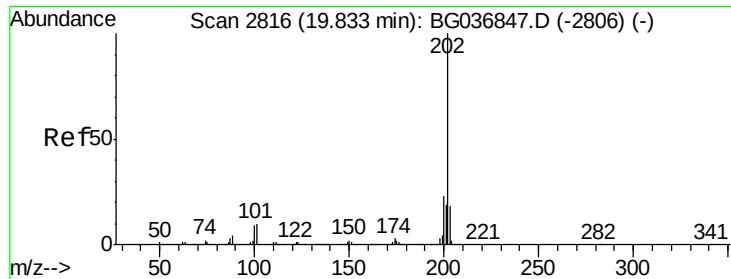


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

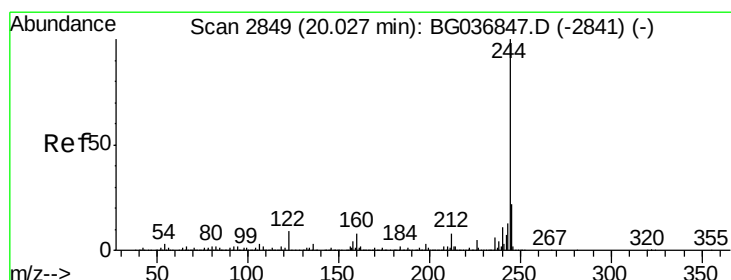
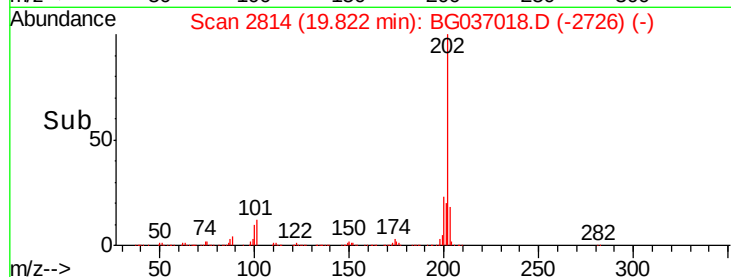
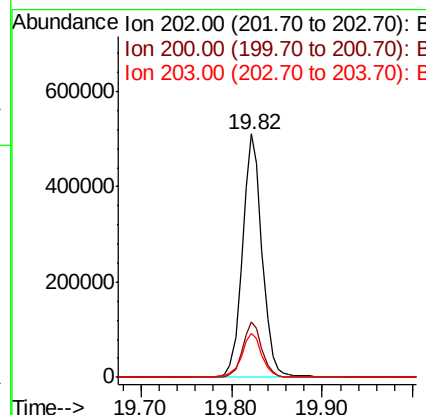
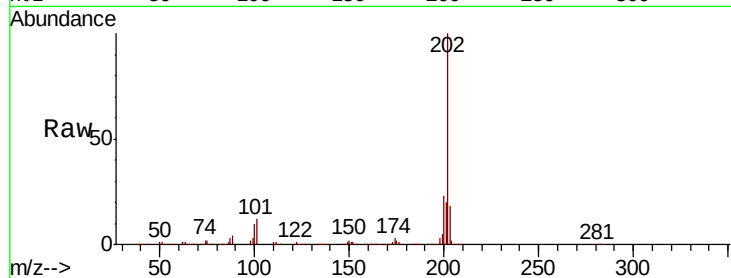




#77
Pvrene
Concen: 41.076 ng
RT: 19.82 min Scan# 2814
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

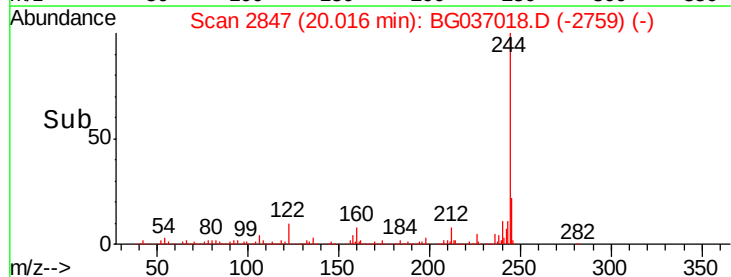
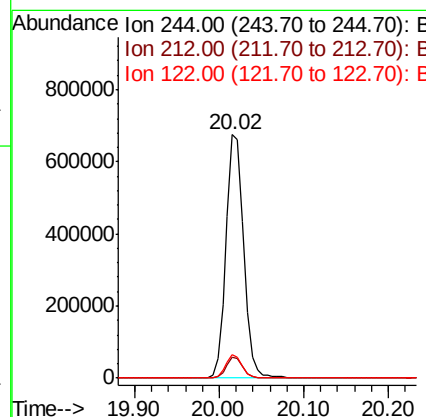
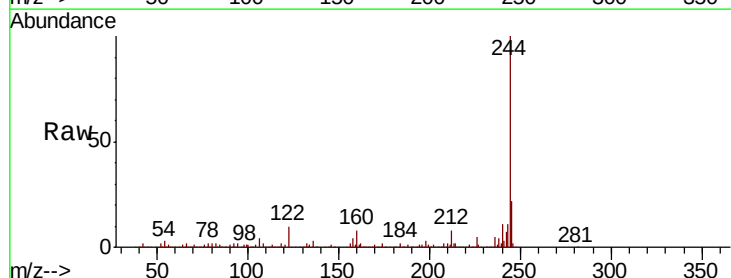
Instrument :
BNA_G
ClientSampleId :

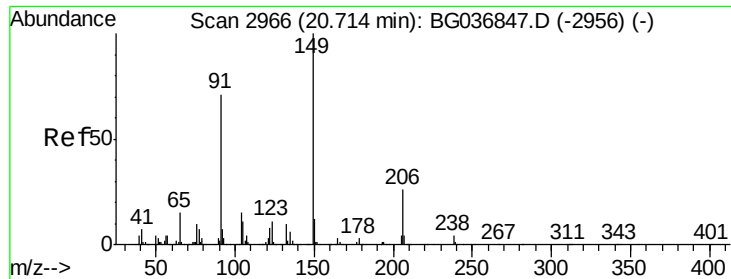
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.3	27.5
203	18.0	15.1	22.7



#78
Terphenyl-d14
Concen: 82.659 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	9.8	7.1	10.7

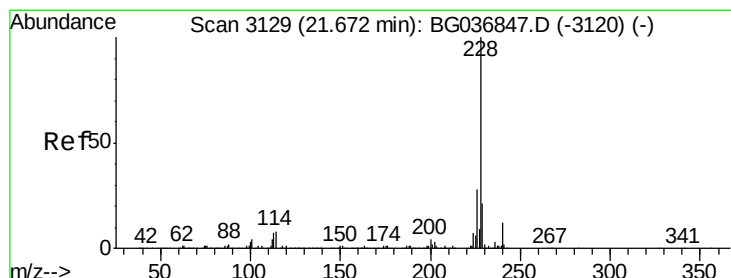
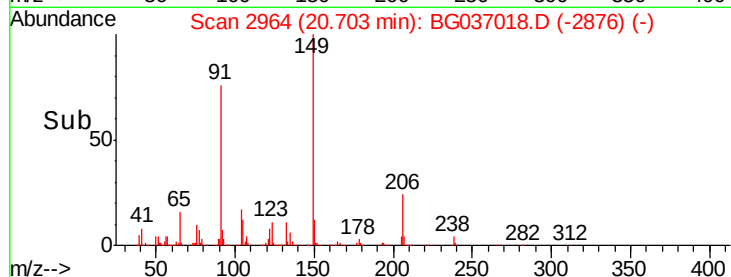
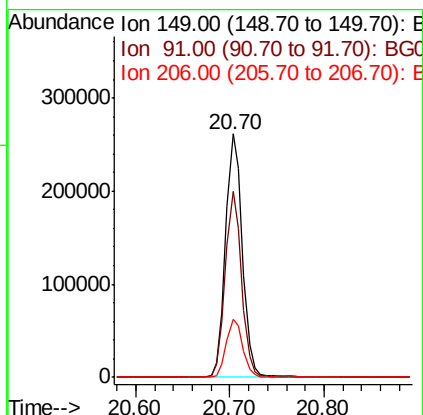
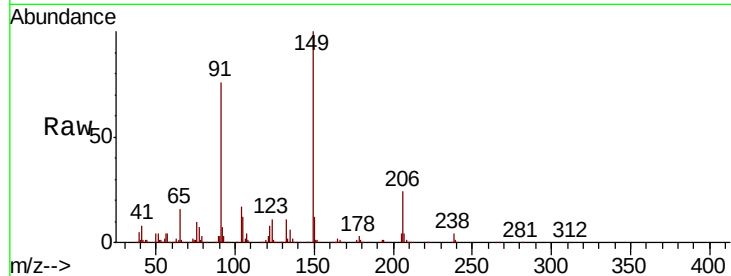




#79
Butylbenzylphthalate
Concen: 43.518 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

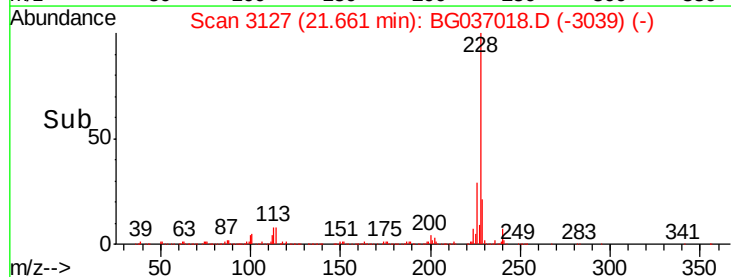
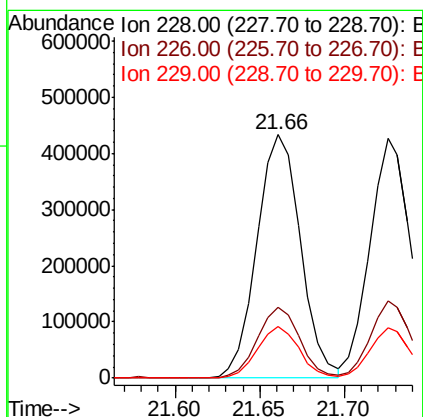
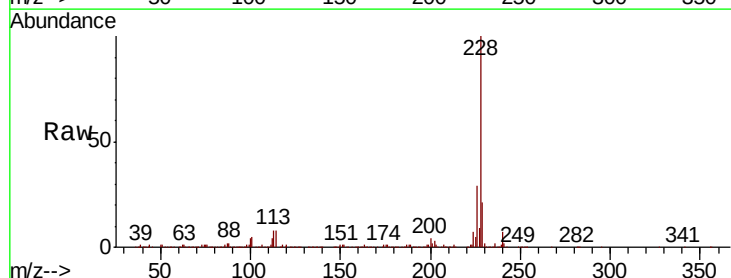
Instrument :
BNA_G
ClientSampleId :

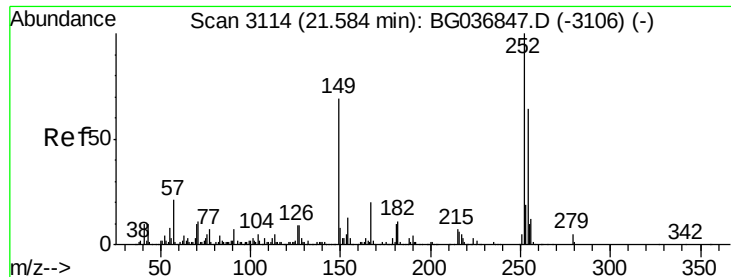
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.3	62.0	93.0
206	24.1	19.6	29.4



#80
Benzo(a)anthracene
Concen: 42.513 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	21.2	17.1	25.7

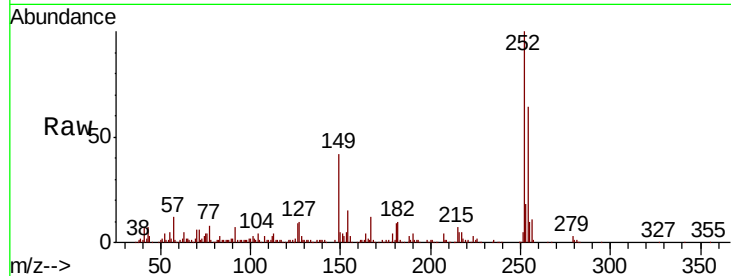




#81
 3,3'-Dichlorobenzidine
 Concen: 29.666 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.0	76.4
126	9.1	7.4	11.0

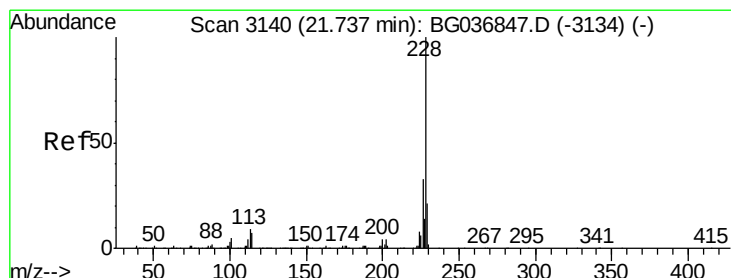
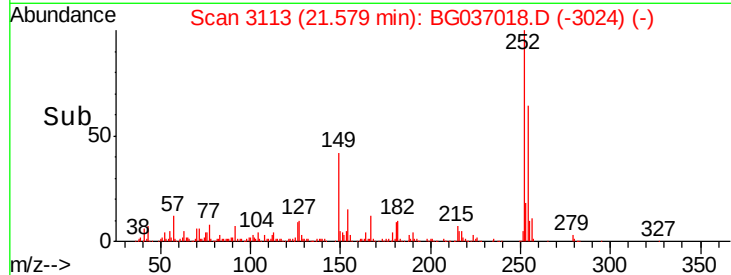
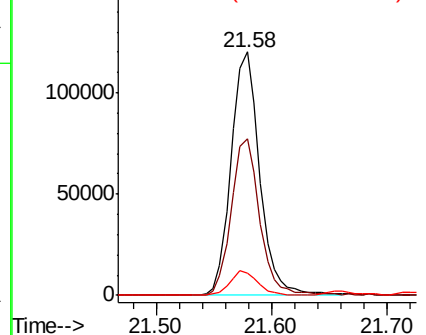


Abundance

Ion 252.00 (251.70 to 252.70): E

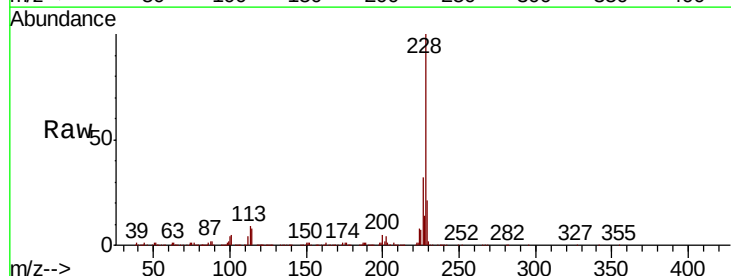
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 40.965 ng
 RT: 21.73 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.5	38.3
229	21.0	16.9	25.3

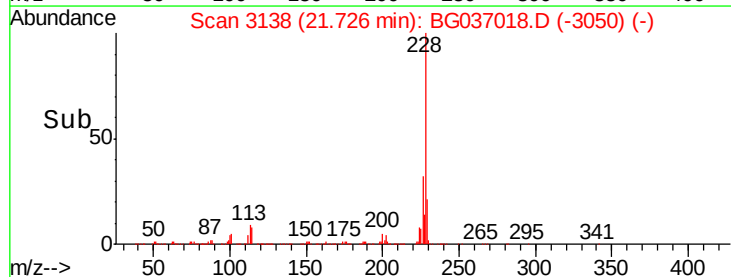
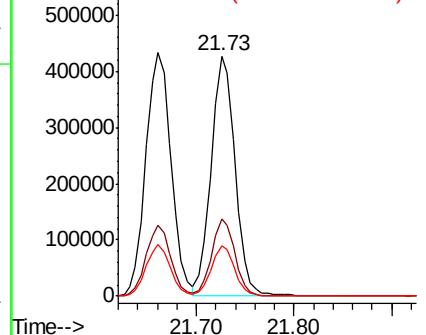


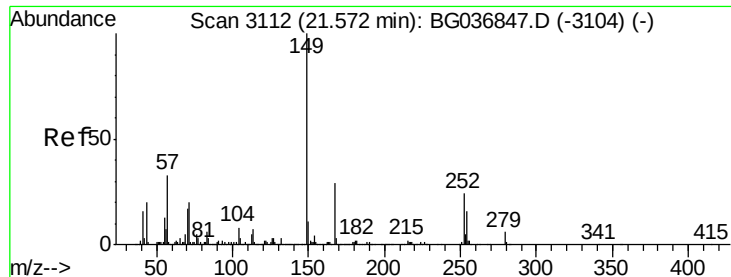
Abundance

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: 43.028 ng

RT: 21.56 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

Instrument :

BNA_G

ClientSampleId :

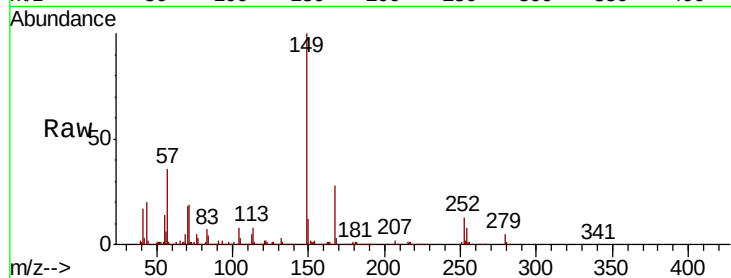
Tot Ion:149 Resp: 450385

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.4	35.0
279	5.5	4.6	7.0

149 100

167 28.2 23.4 35.0

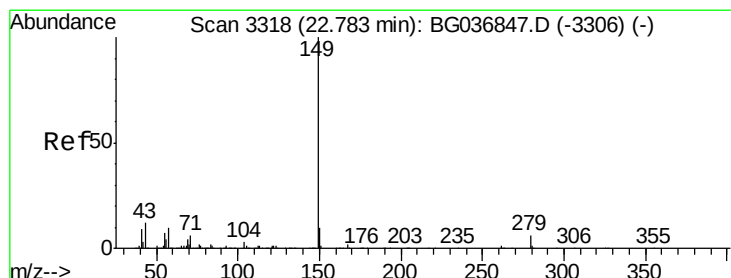
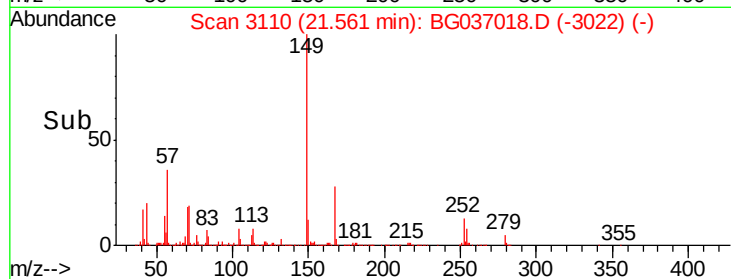
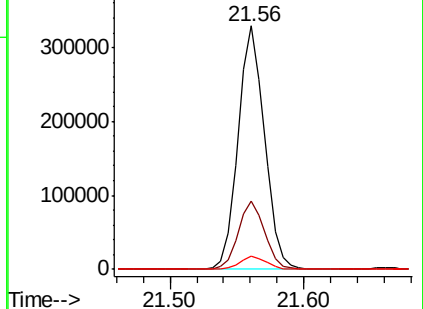
279 5.5 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.785 ng

RT: 22.77 min Scan# 3315

Delta R.T. -0.02 min

Lab File: BG037018.D

Acq: 27 Sep 2018 17:17

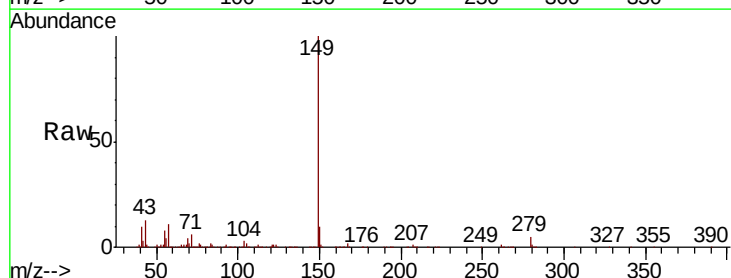
Tgt Ion:149 Resp: 754589

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.3	10.0	15.0

149 100

167 1.7 1.3 1.9

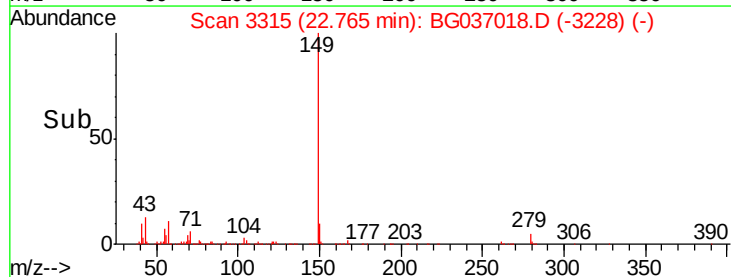
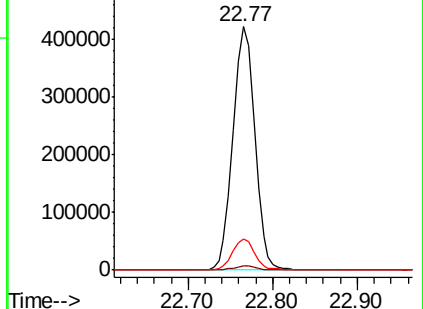
43 12.3 10.0 15.0

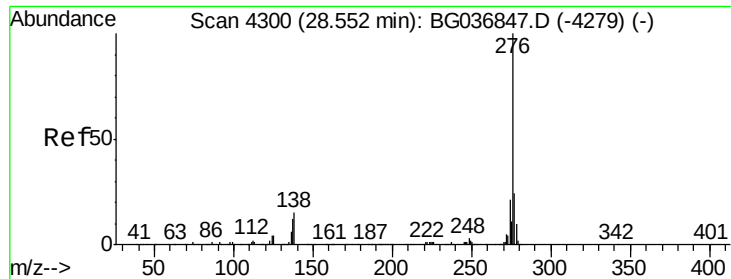


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

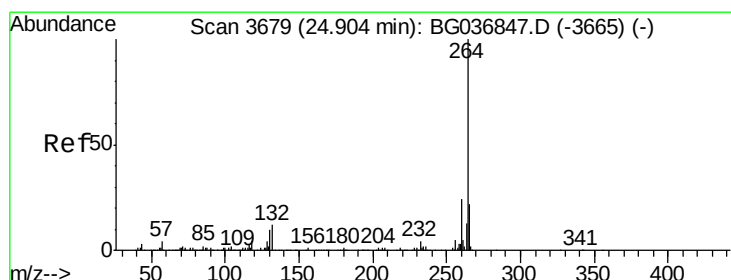
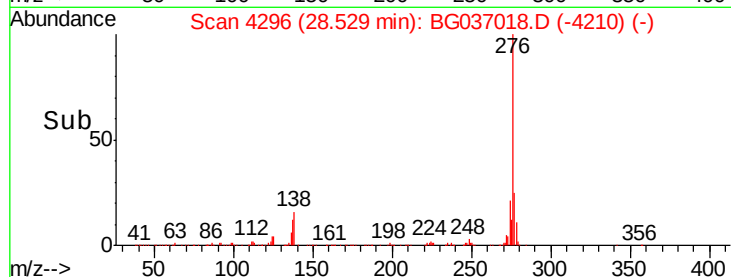
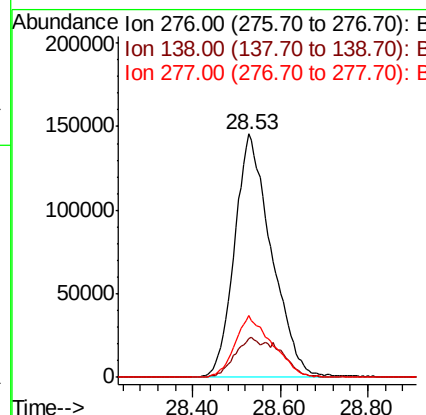
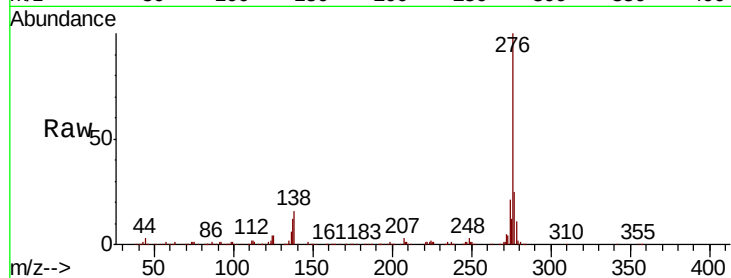




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.862 ng
 RT: 28.53 min Scan# 4296
 Delta R.T. -0.02 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

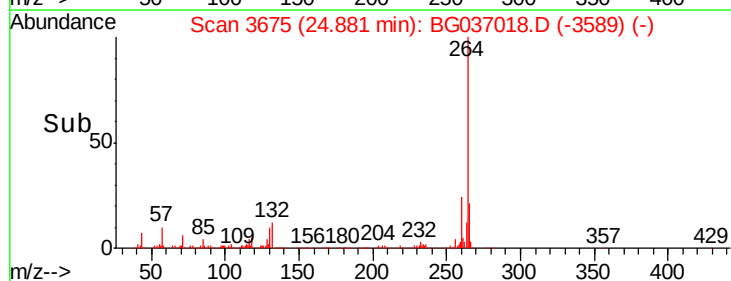
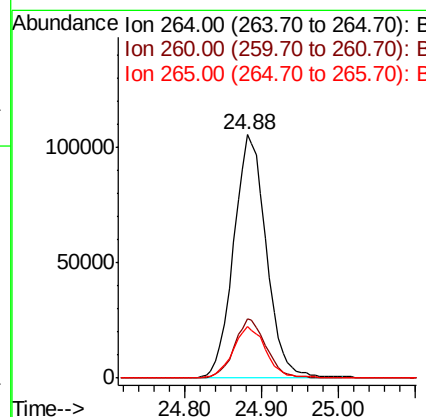
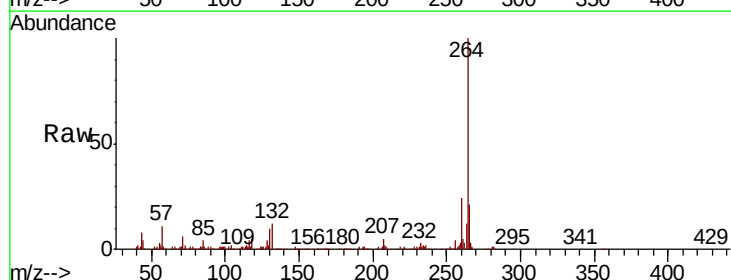
Instrument :
 BNA_G
 ClientSampleId :

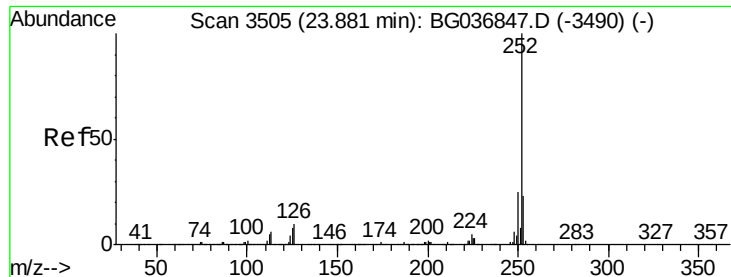
Tot Ion	Ratio	Lower	Upper
276	100		
138	10.7	10.6	15.8
277	25.7	20.6	30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.4	17.4	26.0

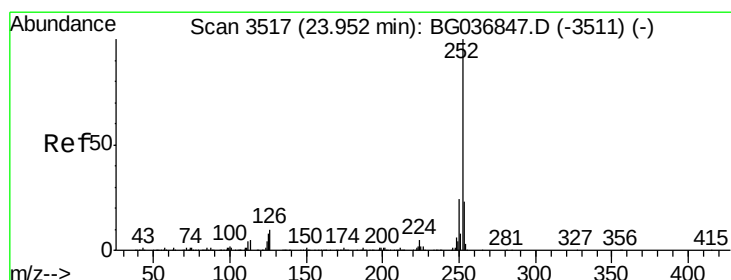
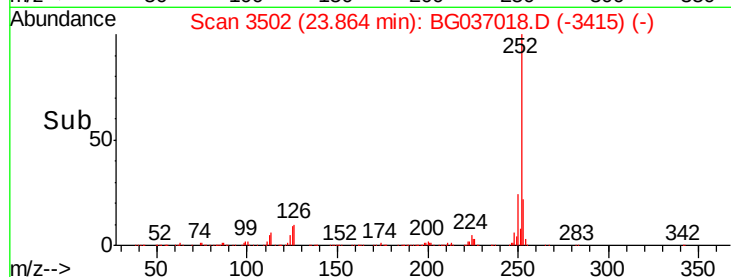
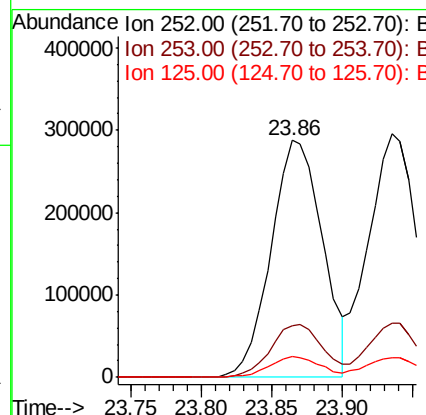
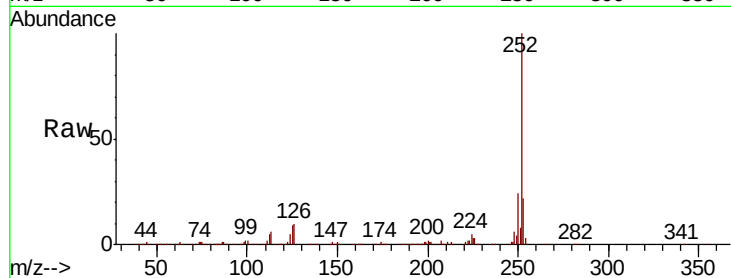




#87
Benzo(b)fluoranthene
Concen: 44.022 ng
RT: 23.86 min Scan# 3502
Delta R.T. -0.02 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

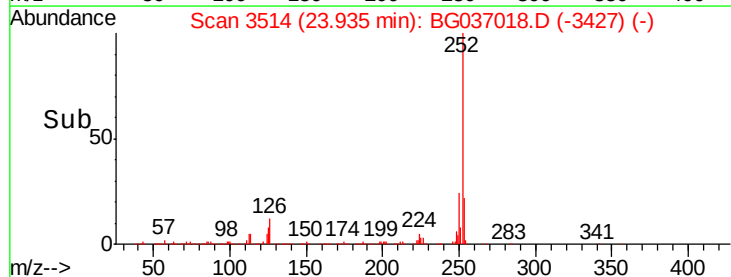
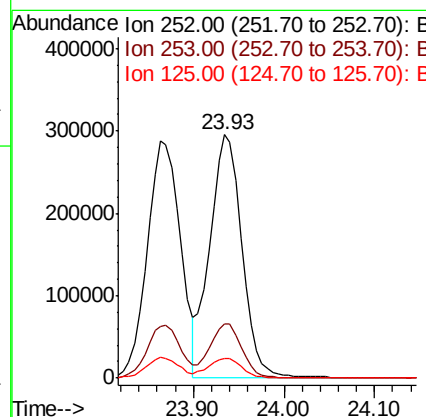
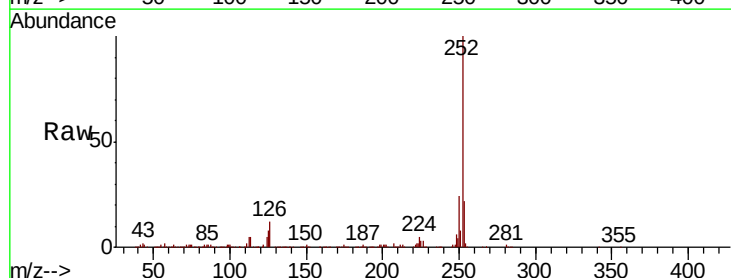
Instrument :
BNA_G
ClientSampleId :

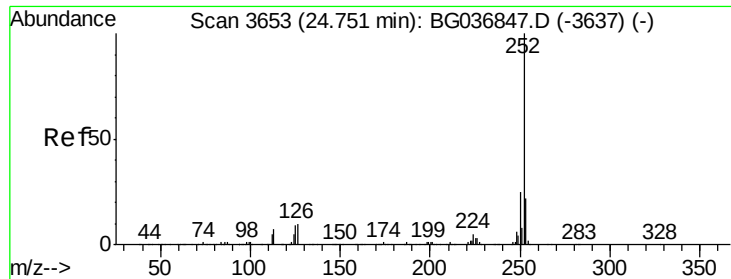
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	8.6	6.6	10.0



#88
Benzo(k)fluoranthene
Concen: 43.499 ng
RT: 23.93 min Scan# 3514
Delta R.T. -0.02 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	8.0	7.0	10.6

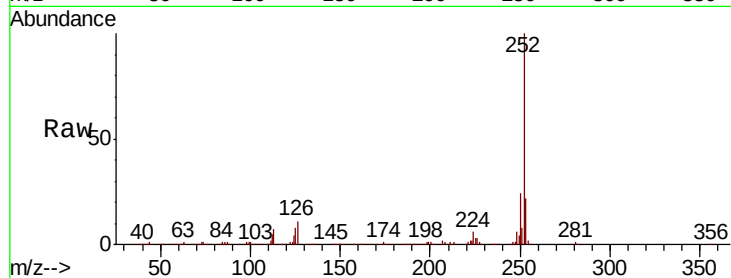




#89
Benzo(a)pyrene
Concen: 44.871 ng
RT: 24.74 min Scan# 3651
Delta R.T. -0.01 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	8.3	7.3	10.9

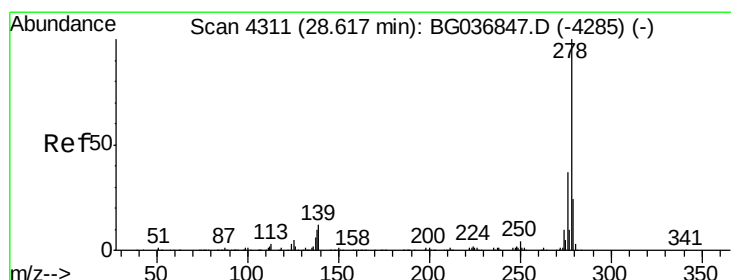
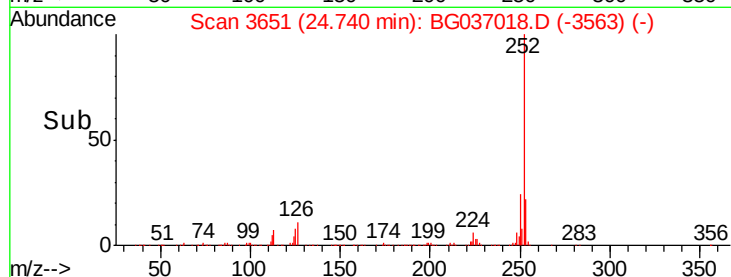
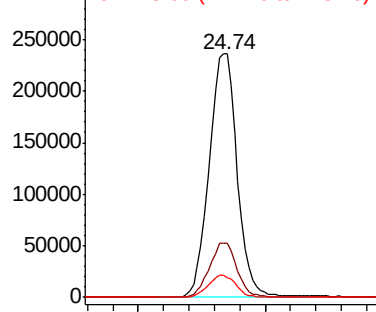


Abundance

Ion 252.00 (251.70 to 252.70): E

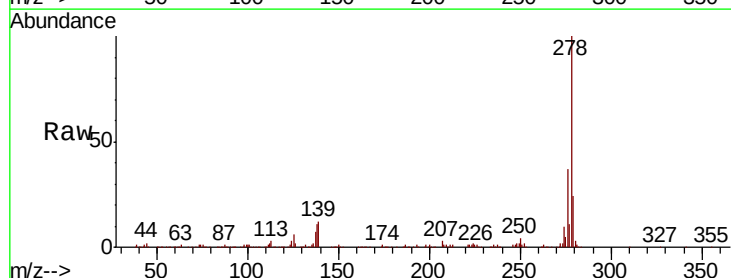
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 44.940 ng
RT: 28.59 min Scan# 4307
Delta R.T. -0.02 min
Lab File: BG037018.D
Acq: 27 Sep 2018 17:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.2	11.0	16.4
279	24.5	18.7	28.1

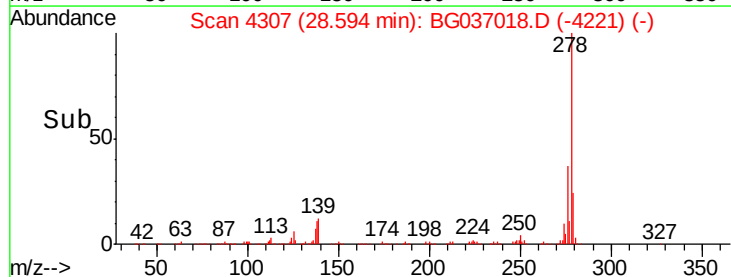
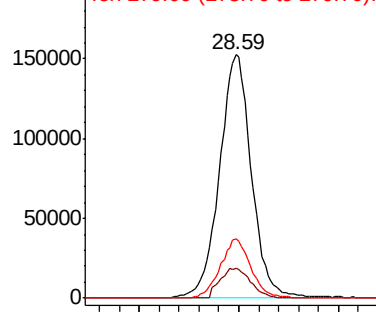


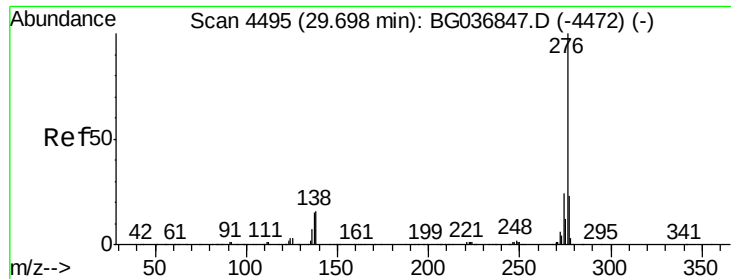
Abundance

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

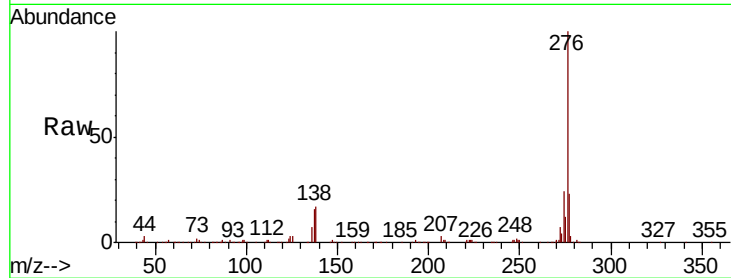




#91
 Benzo(a,h,i)perylene
 Concen: 45.286 ng
 RT: 29.67 min Scan# 4490
 Delta R.T. -0.03 min
 Lab File: BG037018.D
 Acq: 27 Sep 2018 17:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.4	27.6
138	17.3	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

