

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037192.D
 Acq On : 5 Oct 2018 16:27
 Operator : JU/SJ
 Sample : PB113546BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

Quant Time: Oct 05 17:13:54 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	8.03	152	40590	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	189192	20.00	ng	-0.02
38) Acenaphthene-d10	14.65	164	128706	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	339641	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	342324	20.00	ng	-0.02
86) Perylene-d12	24.87	264	322947	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	289328	136.70	ng	-0.01
7) Phenol-d6	7.20	99	407454	124.43	ng	-0.01
23) Nitrobenzene-d5	9.20	82	258123	73.06	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	178136	115.68	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	588794	68.14	ng	-0.02
78) Terphenyl-d14	20.01	244	1047895	80.49	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	38981	40.250	ng	95
3) Pyridine	3.91	79	104815	37.482	ng	98
4) n-Nitrosodimethylamine	3.82	42	60848	48.957	ng	# 91
6) Aniline	7.36	93	144837	34.087	ng	97
8) 2-Chlorophenol	7.60	128	119840	48.765	ng	93
9) Benzaldehyde	7.17	77	54434	25.157	ng	97
10) Phenol	7.22	94	166811	49.359	ng	93
11) bis(2-Chloroethyl)ether	7.45	93	122808	39.284	ng	99
12) 1,3-Dichlorobenzene	7.92	146	120799	40.094	ng	100
13) 1,4-Dichlorobenzene	8.07	146	121071	39.267	ng	99
14) 1,2-Dichlorobenzene	8.38	146	118940	39.807	ng	97
15) Benzyl Alcohol	8.27	79	112366	42.290	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	250552	41.747	ng	98
17) 2-Methylphenol	8.47	107	111135	47.209	ng	96
18) Hexachloroethane	9.11	117	48039	42.339	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	105618	38.772	ng	98
20) 3+4-Methylphenols	8.80	107	153599	46.901	ng	97
22) Acetophenone	8.85	105	176864	39.781	ng	# 98
24) Nitrobenzene	9.24	77	152701	40.474	ng	99
25) Isophorone	9.75	82	301136	46.649	ng	99
26) 2-Nitrophenol	9.95	139	64498	42.889	ng	96
27) 2,4-Dimethylphenol	10.00	122	118728	50.684	ng	96
28) bis(2-Chloroethoxy)methane	10.24	93	168622	42.332	ng	99
29) 2,4-Dichlorophenol	10.48	162	128690	47.390	ng	95
30) 1,2,4-Trichlorobenzene	10.70	180	128108	37.697	ng	92
31) Naphthalene	10.88	128	382728	42.516	ng	99
32) Benzoic acid	10.16	122	53191	31.863	ng	94
33) 4-Chloroaniline	11.00	127	115421	28.200	ng	98
34) Hexachlorobutadiene	11.16	225	86734	36.906	ng	99
35) Caprolactam	11.83	113	16080	14.387	ng	96
36) 4-Chloro-3-methylphenol	12.11	107	151879	46.874	ng	96
37) 2-Methylnaphthalene	12.49	142	295267	43.067	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	164613	36.670	ng	99
40) Hexachlorocyclopentadiene	12.83	237	169776	73.537	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037192.D
 Acq On : 5 Oct 2018 16:27
 Operator : JU/SJ
 Sample : PB113546BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

Quant Time: Oct 05 17:13:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

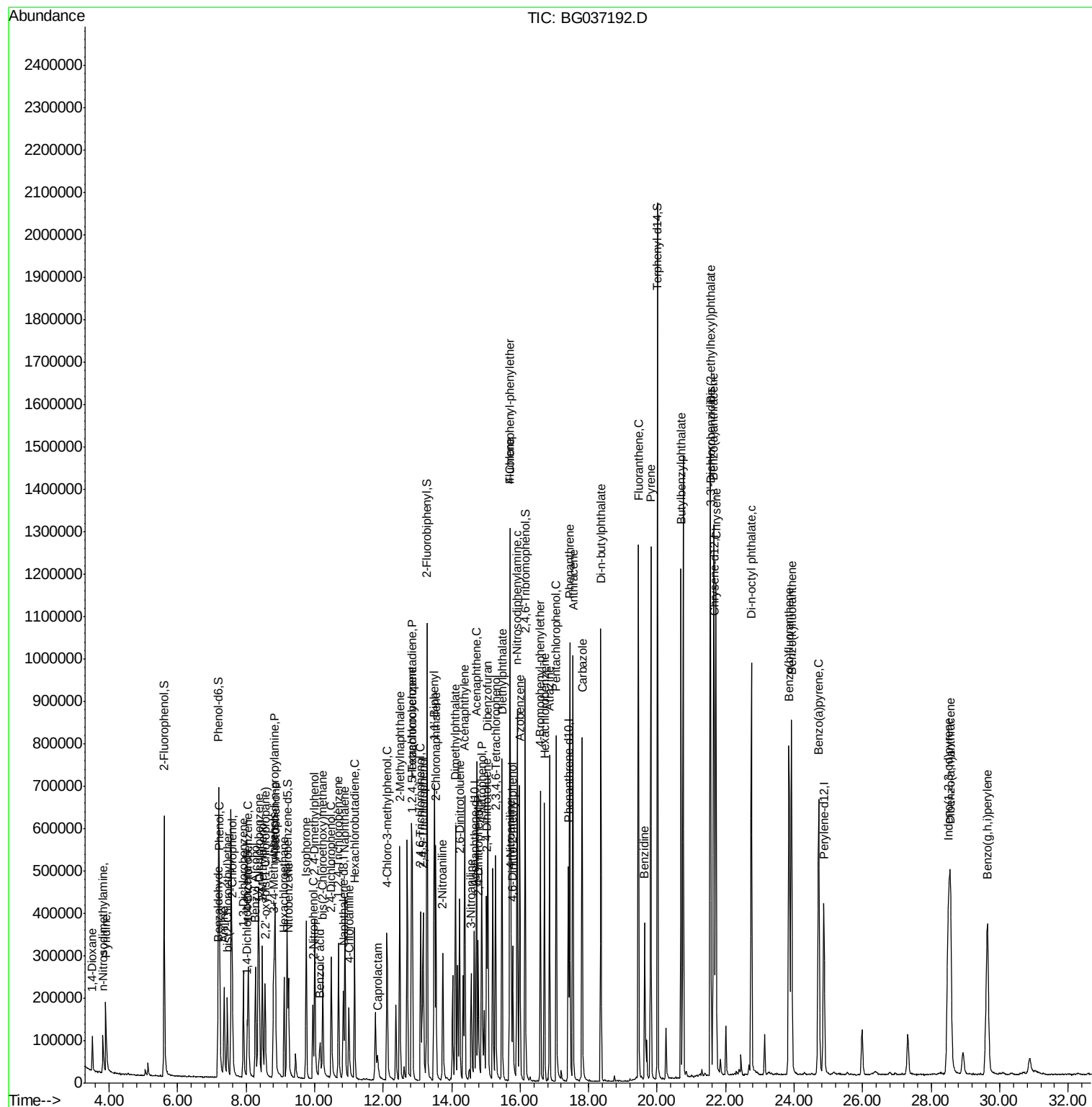
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	108233	43.419	ng	100
43) 2,4,5-Trichlorophenol	13.17	196	122300	46.011	ng	98
45) 1,1'-Biphenyl	13.49	154	387379	39.300	ng	98
46) 2-Chloronaphthalene	13.54	162	296371	38.233	ng	98
47) 2-Nitroaniline	13.74	65	123997	46.247	ng	95
48) Acenaphthylene	14.38	152	515007	42.398	ng	99
49) Dimethylphthalate	14.11	163	421212	40.658	ng	100
50) 2,6-Dinitrotoluene	14.23	165	94556	41.832	ng	96
51) Acenaphthene	14.72	154	293346	39.958	ng	99
52) 3-Nitroaniline	14.57	138	77919	32.713	ng	95
53) 2,4-Dinitrophenol	14.77	184	88393	83.114	ng	93
54) Dibenzofuran	15.05	168	497583	40.070	ng	98
55) 4-Nitrophenol	14.88	139	151136	99.325	ng	98
56) 2,4-Dinitrotoluene	15.02	165	138619	43.949	ng	93
57) Fluorene	15.71	166	405675	43.708	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.28	232	124685	46.240	ng	99
59) Diethylphthalate	15.47	149	432694	41.410	ng	99
60) 4-Chlorophenyl-phenylether	15.69	204	222548	37.862	ng	99
61) 4-Nitroaniline	15.73	138	106557	42.531	ng	93
62) Azobenzene	15.99	77	444059	44.229	ng	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	76562	43.117	ng	99
65) n-Nitrosodiphenylamine	15.91	169	372822	39.761	ng	97
66) 4-Bromophenyl-phenylether	16.59	248	143874	37.242	ng	98
67) Hexachlorobenzene	16.71	284	146160	36.734	ng	99
68) Atrazine	16.86	200	151452	39.891	ng	99
69) Pentachlorophenol	17.05	266	168605	67.305	ng	98
70) Phenanthrene	17.44	178	690685	42.200	ng	99
71) Anthracene	17.54	178	713780	44.104	ng	99
72) Carbazole	17.81	167	633831	40.168	ng	99
73) Di-n-butylphthalate	18.36	149	758277	43.272	ng	100
74) Fluoranthene	19.45	202	844708	42.875	ng	99
76) Benzidine	19.64	184	308773	29.838	ng	98
77) Pyrene	19.81	202	828800	40.346	ng	100
79) Butylbenzylphthalate	20.69	149	352571	43.059	ng	96
80) Benzo(a)anthracene	21.65	228	821073	41.089	ng	100
81) 3,3'-Dichlorobenzidine	21.56	252	238970	31.417	ng	96
82) Chrysene	21.72	228	785222	40.669	ng	100
83) Bis(2-ethylhexyl)phthalate	21.55	149	488631	42.718	ng	99
84) Di-n-octyl phthalate	22.75	149	821257	43.607	ng	99
85) Indeno(1,2,3-cd)pyrene	28.51	276	898698	43.346	ng	# 97
87) Benzo(b)fluoranthene	23.85	252	793830	46.124	ng	97
88) Benzo(k)fluoranthene	23.92	252	783383	45.369	ng	99
89) Benzo(a)pyrene	24.71	252	778802	46.806	ng	100
90) Dibenzo(a,h)anthracene	28.56	278	736447	47.226	ng	98
91) Benzo(g,h,i)perylene	29.65	276	742922	47.470	ng	98

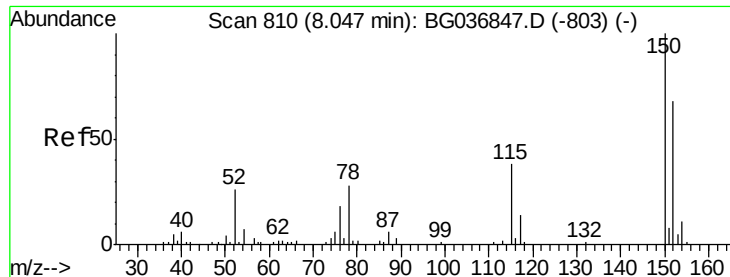
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037192.D
 Acq On : 5 Oct 2018 16:27
 Operator : JU/SJ
 Sample : PB113546BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

Quant Time: Oct 05 17:13:54 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



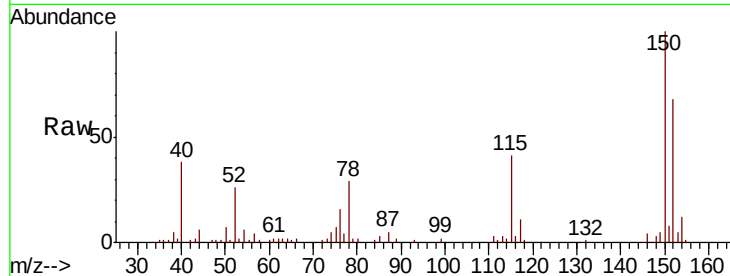


#1

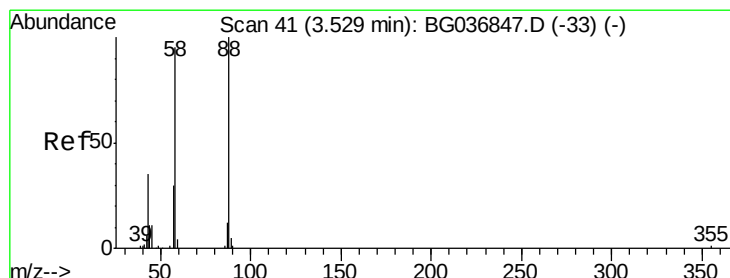
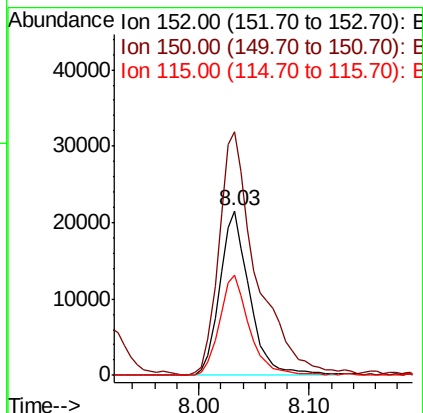
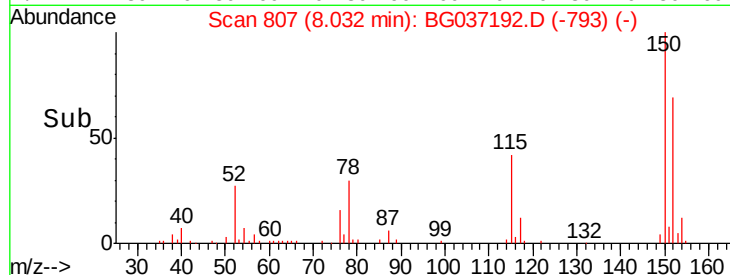
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampleId :
PB113546BS

Tot Ion:152 Resp: 40590
Ion Ratio Lower Upper
152 100
150 147.8 119.5 179.3
115 60.7 44.5 66.7



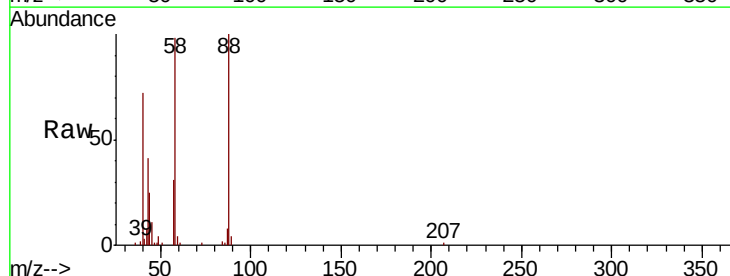
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



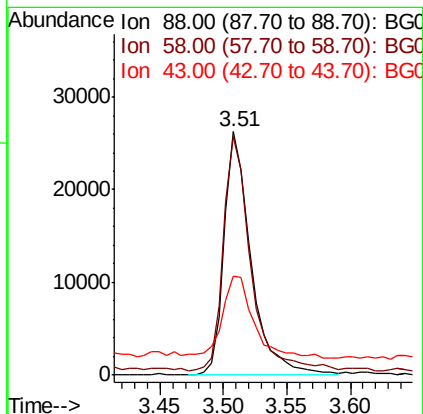
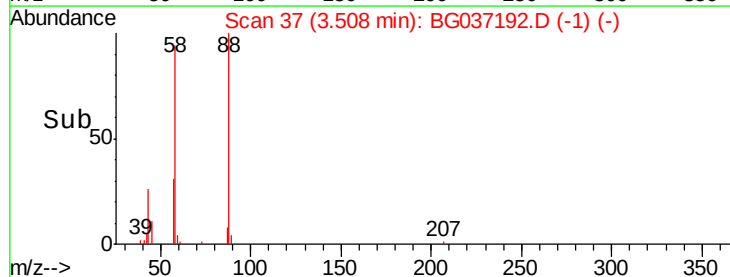
#2

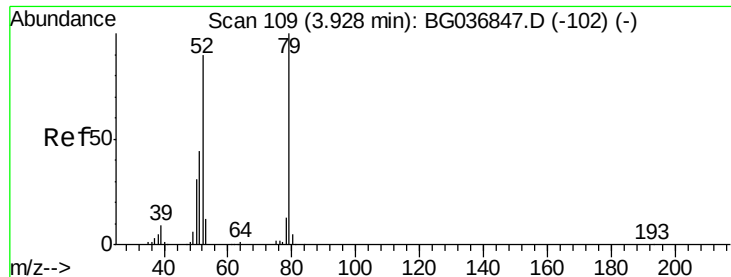
1,4-Dioxane
Concen: 40.250 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion: 88 Resp: 38981
Ion Ratio Lower Upper
88 100
58 96.3 72.6 109.0
43 38.1 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: 37.482 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB113546BS

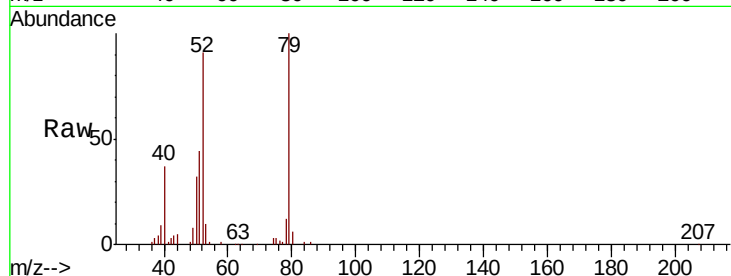
Tot Ion: 79 Resp: 104815

Ion Ratio Lower Upper

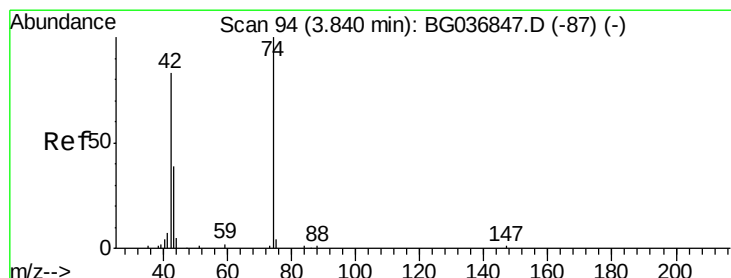
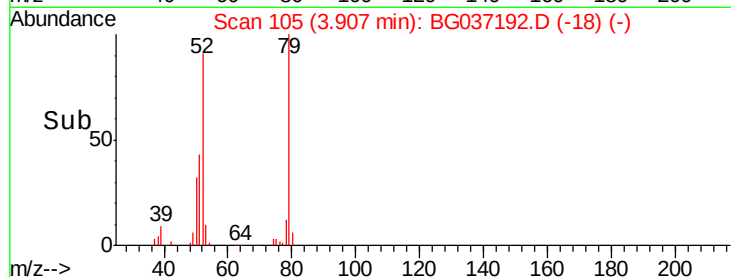
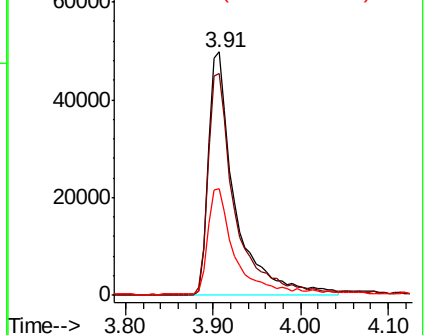
79 100

52 91.3 72.3 108.5

51 43.9 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: 48.957 ng

RT: 3.82 min Scan# 90

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

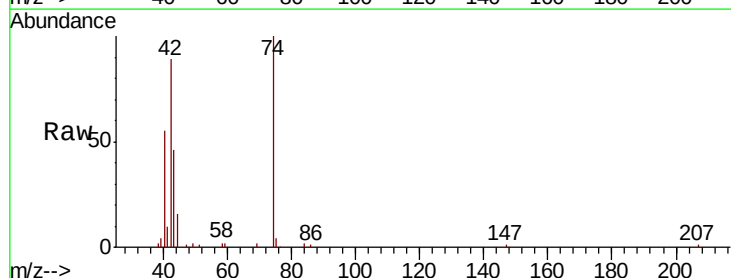
Tgt Ion: 42 Resp: 60848

Ion Ratio Lower Upper

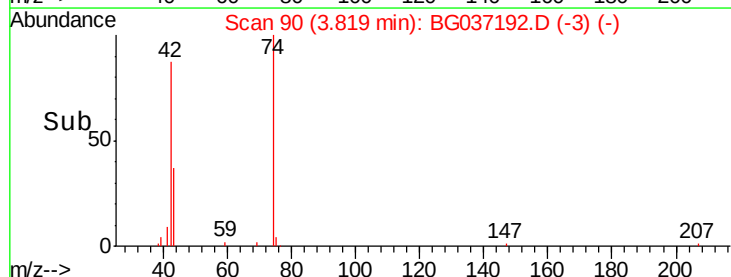
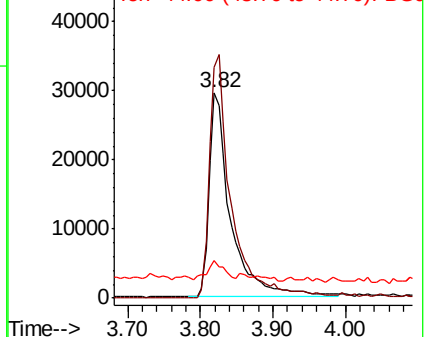
42 100

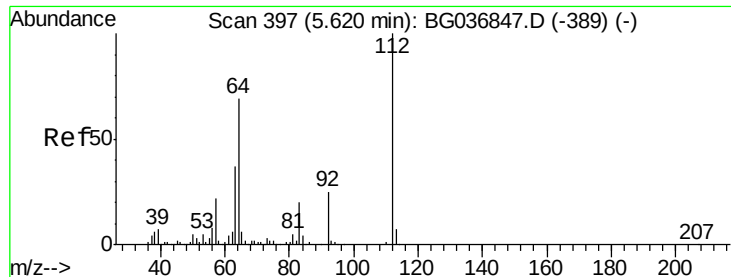
74 112.5 96.6 145.0

44 18.5 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: 136.701 ng

RT: 5.61 min Scan# 394

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB113546BS

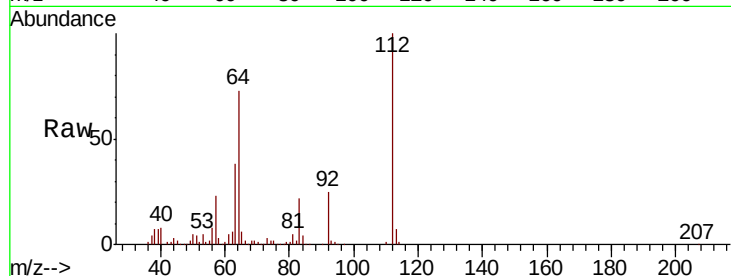
Tot Ion:112 Resp: 289328

Ion Ratio Lower Upper

112 100

64 72.9 57.2 85.8

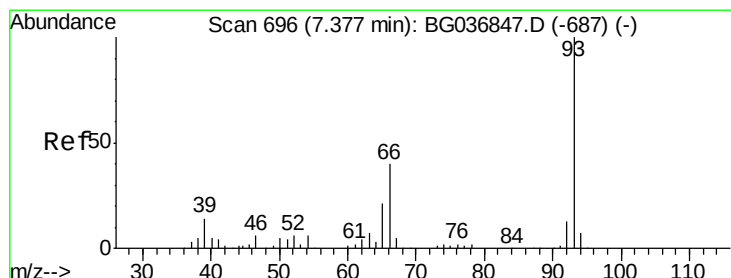
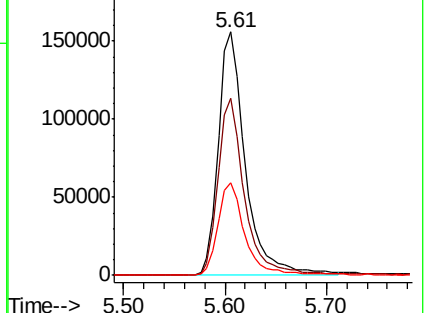
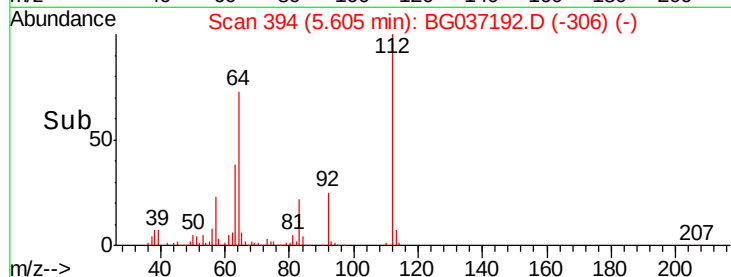
63 38.2 30.8 46.2



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: 34.087 ng

RT: 7.36 min Scan# 692

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

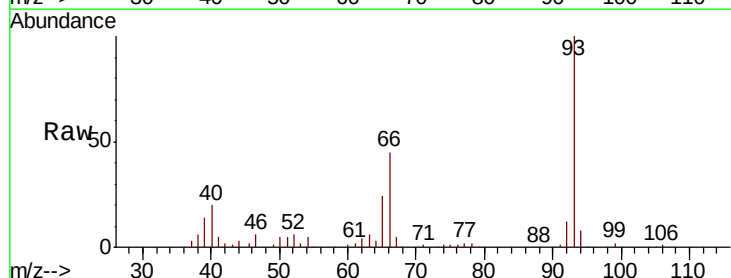
Tgt Ion: 93 Resp: 144837

Ion Ratio Lower Upper

93 100

66 45.4 35.0 52.4

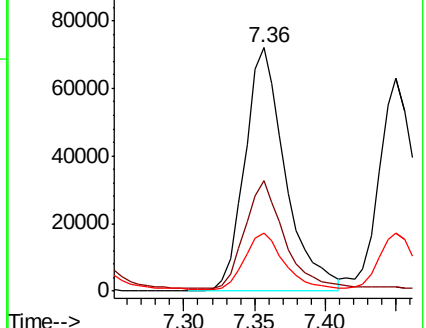
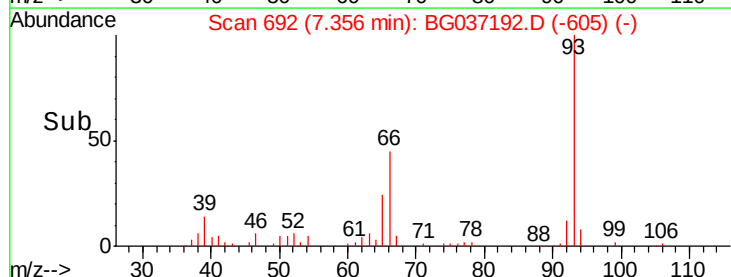
65 23.8 17.6 26.4

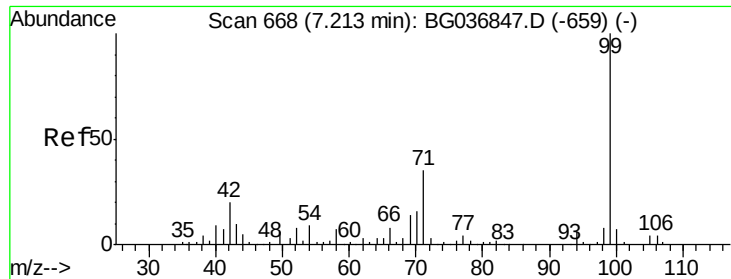


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.429 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampled :

PB113546BS

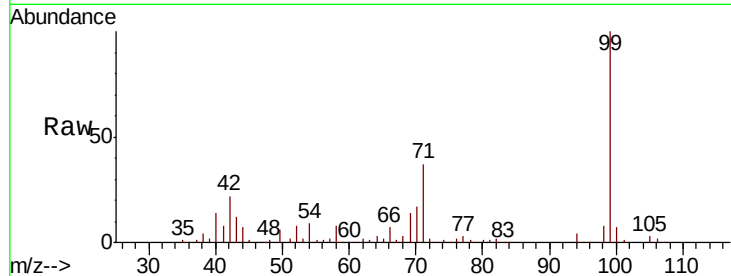
Tot Ion: 99 Resp: 407454

Ion Ratio Lower Upper

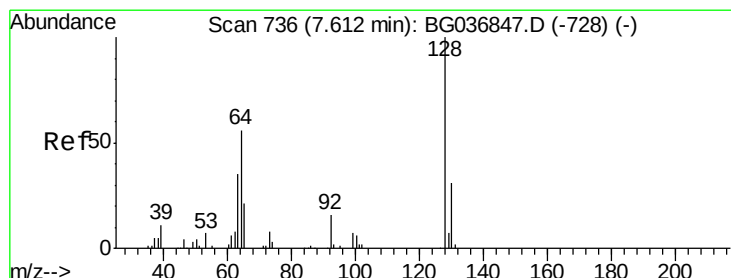
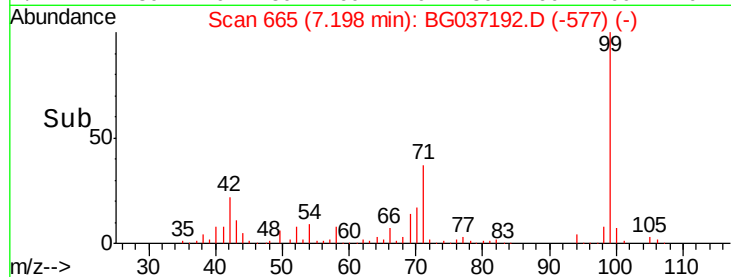
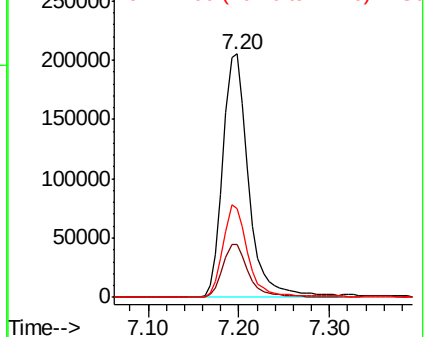
99 100

42 21.7 16.5 24.7

71 36.7 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: 48.765 ng

RT: 7.60 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

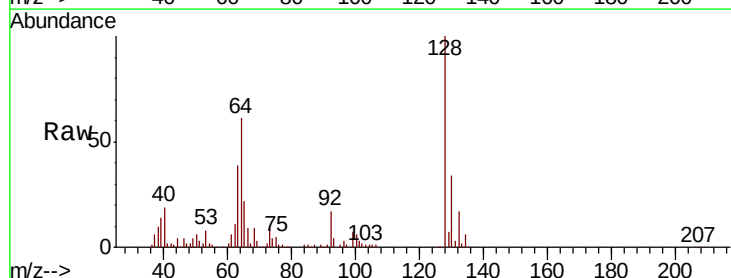
Tgt Ion: 128 Resp: 119840

Ion Ratio Lower Upper

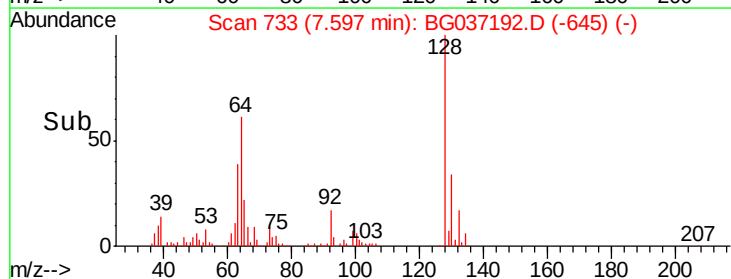
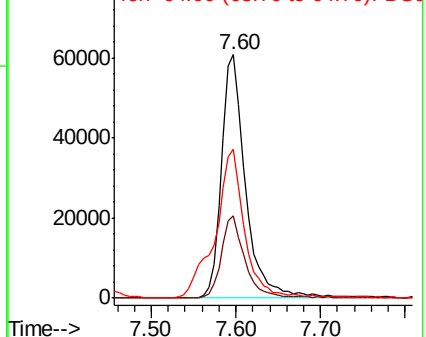
128 100

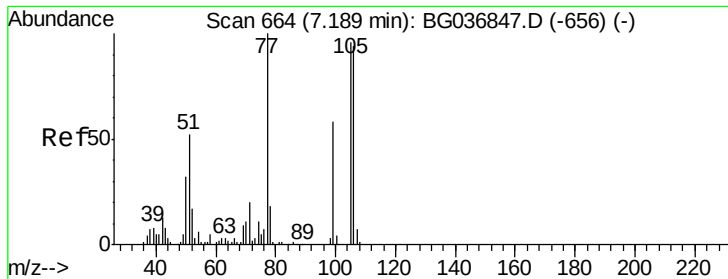
130 33.6 10.0 50.0

64 61.2 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: 25.157 ng

RT: 7.17 min Scan# 660

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB113546BS

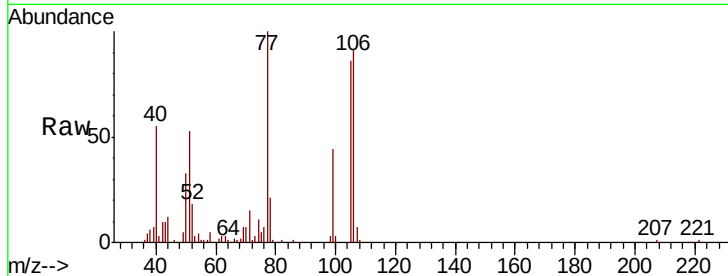
Tot Ion: 77 Resp: 54434

Ion Ratio Lower Upper

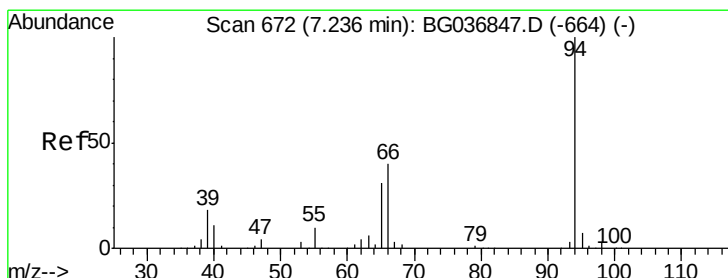
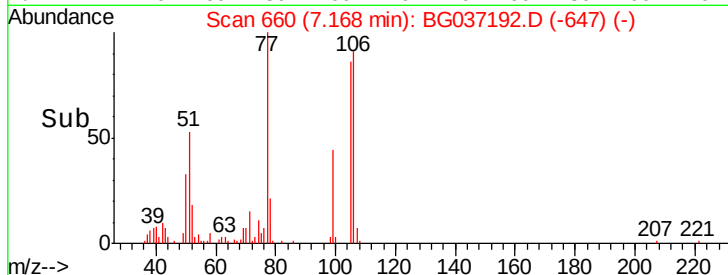
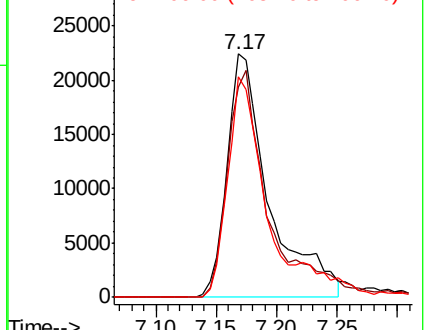
77 100

105 86.3 70.5 110.5

106 90.6 69.8 109.8



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



#10

Phenol

Concen: 49.359 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

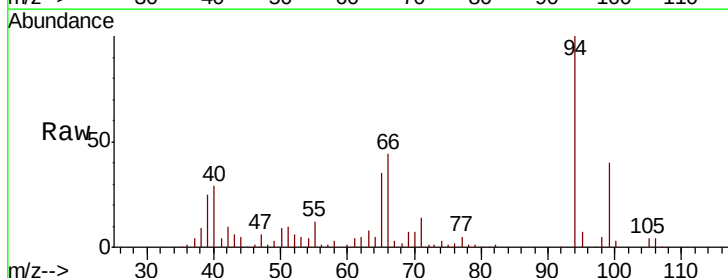
Tgt Ion: 94 Resp: 166811

Ion Ratio Lower Upper

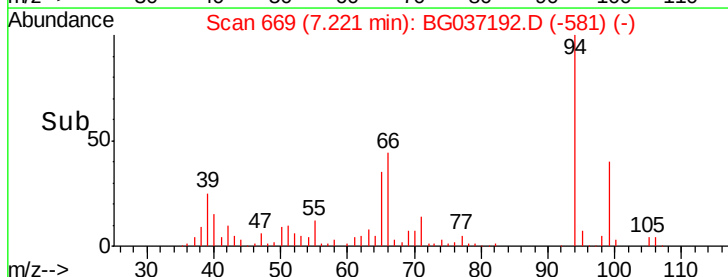
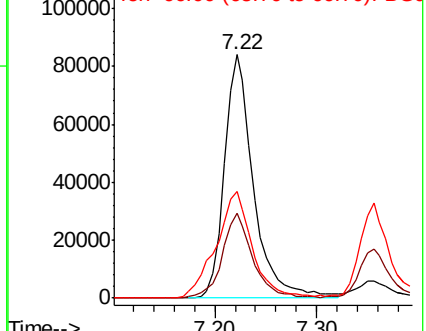
94 100

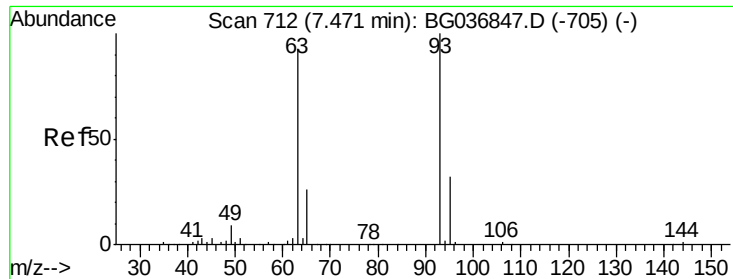
65 34.8 11.5 51.5

66 43.8 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.284 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB113546BS

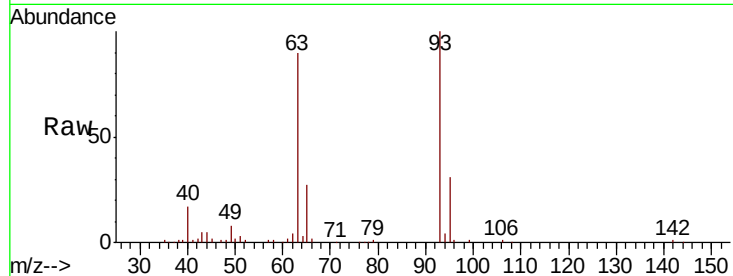
Tot Ion: 93 Resp: 122808

Ion Ratio Lower Upper

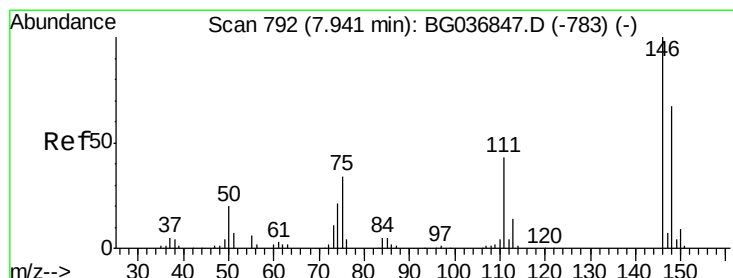
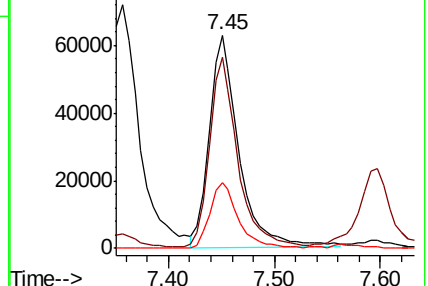
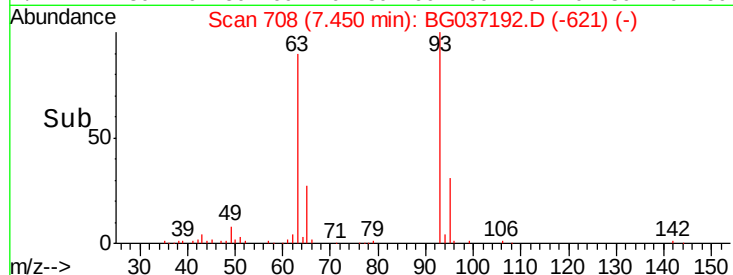
93 100

63 89.8 69.9 109.9

95 30.8 11.7 51.7



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



#12

1,3-Dichlorobenzene

Concen: 40.094 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

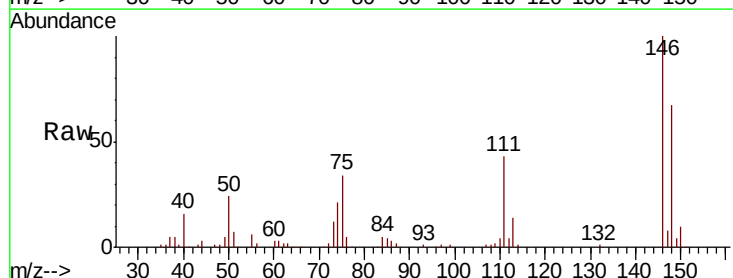
Tgt Ion: 146 Resp: 120799

Ion Ratio Lower Upper

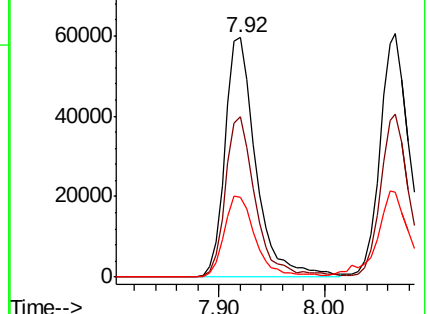
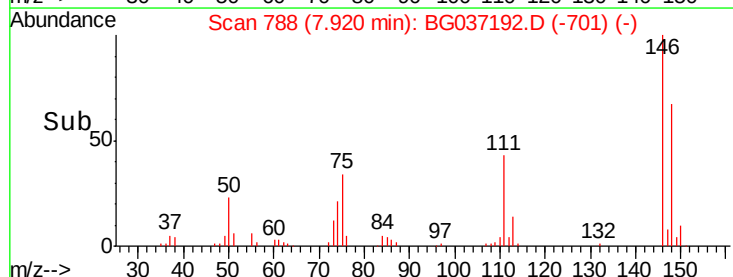
146 100

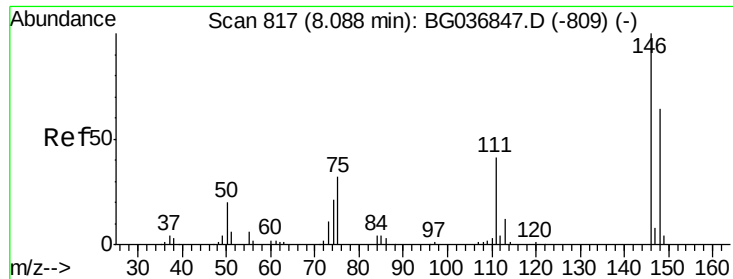
148 67.2 53.8 80.6

75 33.5 27.2 40.8



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

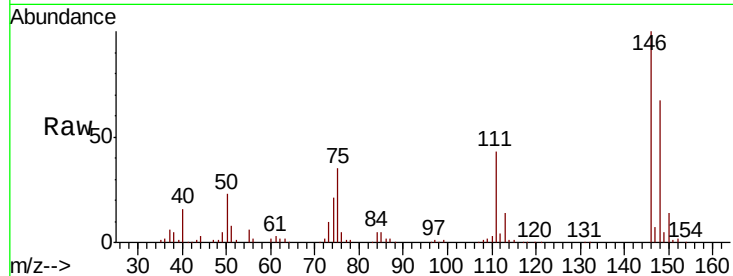




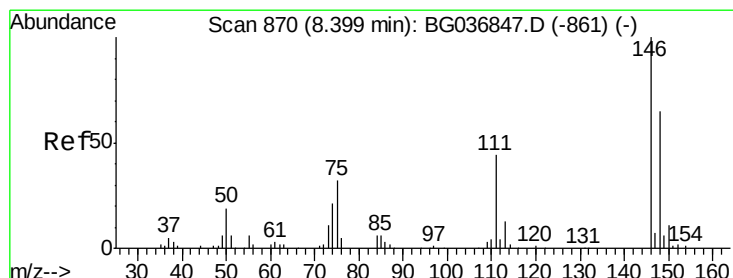
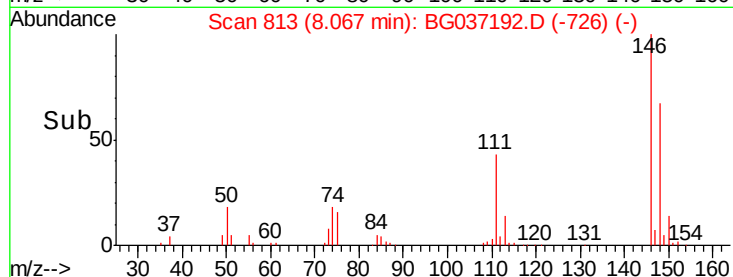
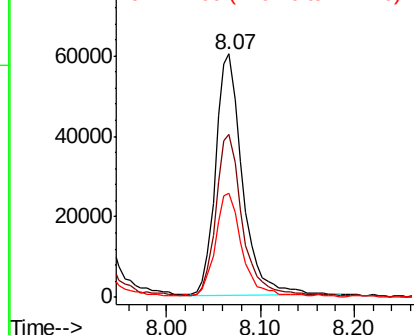
#13
 1,4-Dichlorobenzene
 Concen: 39.267 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

Tot Ion:146 Resp: 121071
 Ion Ratio Lower Upper
 146 100
 148 66.9 53.9 80.9
 111 42.9 33.8 50.6

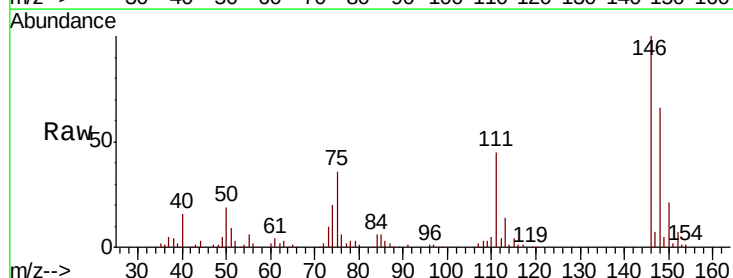


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

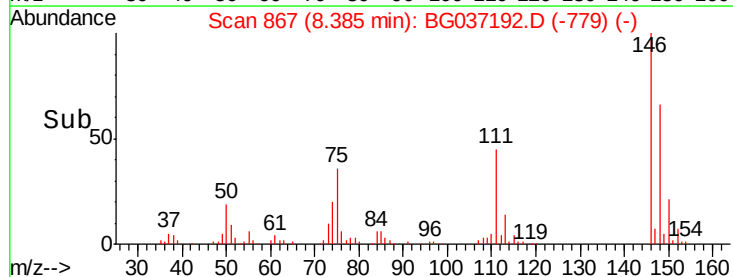
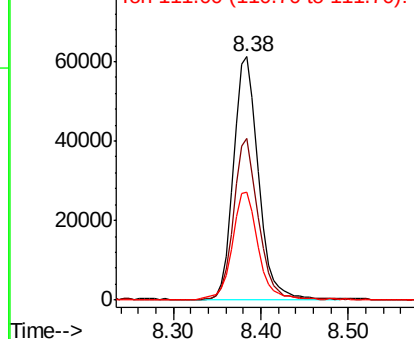


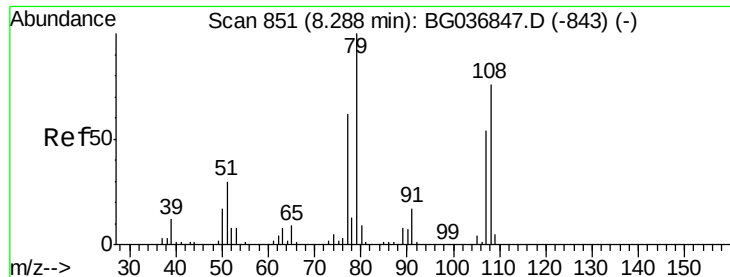
#14
 1,2-Dichlorobenzene
 Concen: 39.807 ng
 RT: 8.38 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Tgt Ion:146 Resp: 118940
 Ion Ratio Lower Upper
 146 100
 148 66.3 55.0 82.6
 111 44.5 34.6 51.8



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

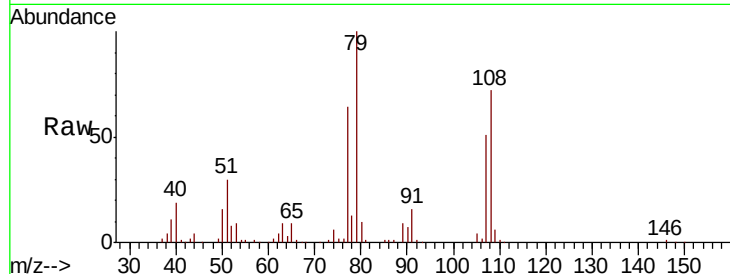




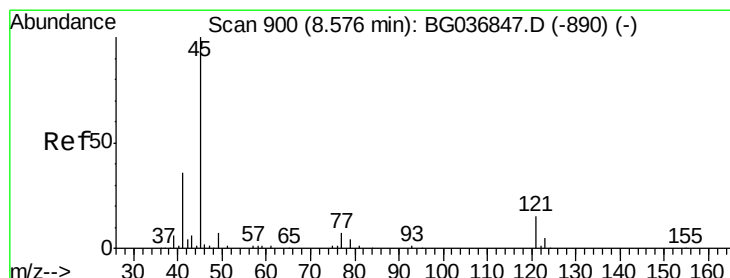
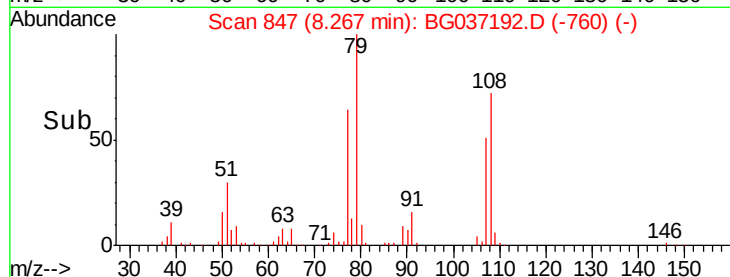
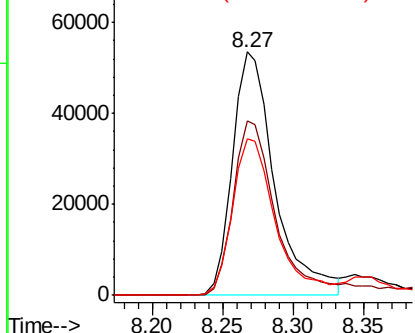
#15
Benzyl Alcohol
Concen: 42.290 ng
RT: 8.27 min Scan# 847
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampleId :
PB113546BS

Tot Ion: 79 Resp: 112366
Ion Ratio Lower Upper
79 100
108 71.9 55.9 83.9
77 64.1 50.0 75.0

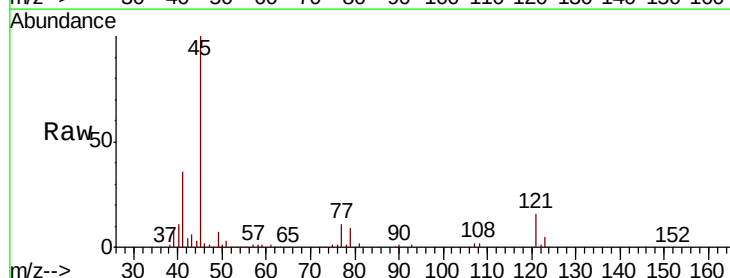


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

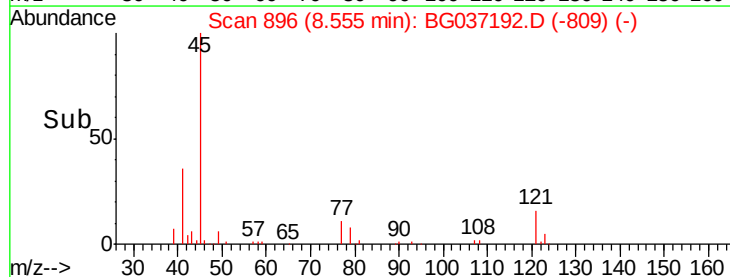
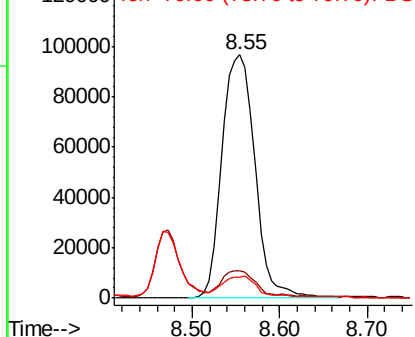


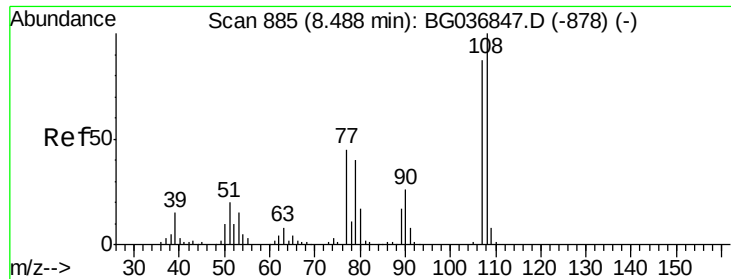
#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.747 ng
RT: 8.55 min Scan# 896
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion: 45 Resp: 250552
Ion Ratio Lower Upper
45 100
77 11.3 0.0 30.5
79 8.5 0.0 27.9



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

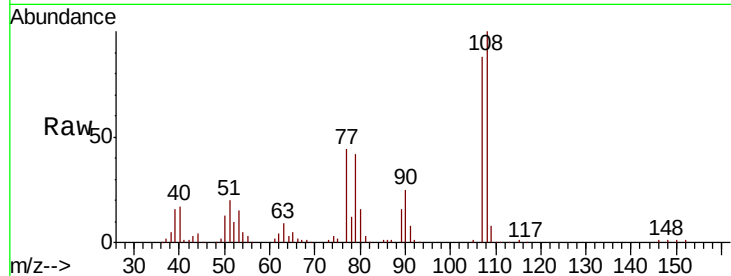




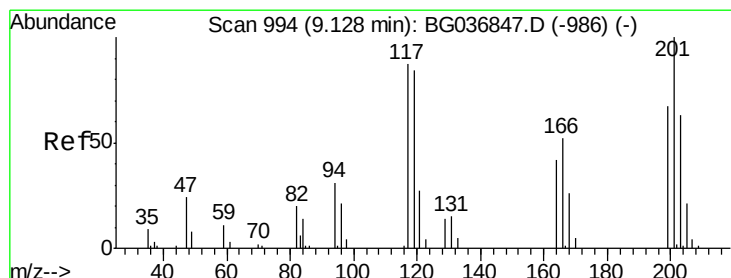
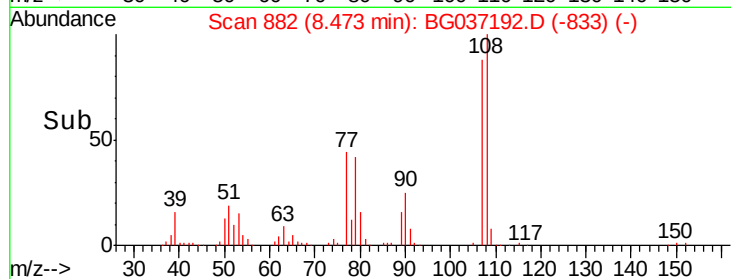
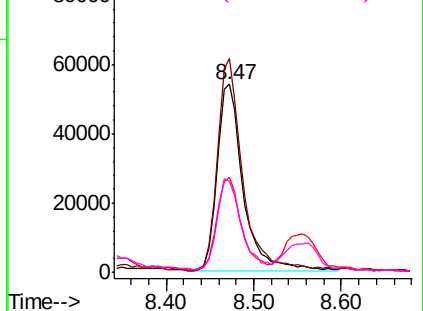
#17
2-Methylphenol
Concen: 47.209 ng
RT: 8.47 min Scan# 882
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampleId :
PB113546BS

Tot Ion:	107	Resp:	111135
Ion	Ratio	Lower	Upper
107	100		
108	113.8	86.7	130.1
77	50.4	39.0	58.4
79	48.1	36.6	54.8

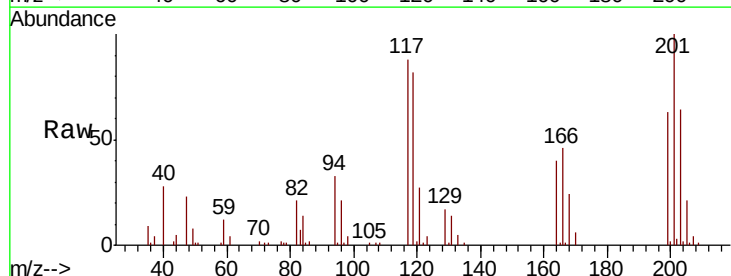


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

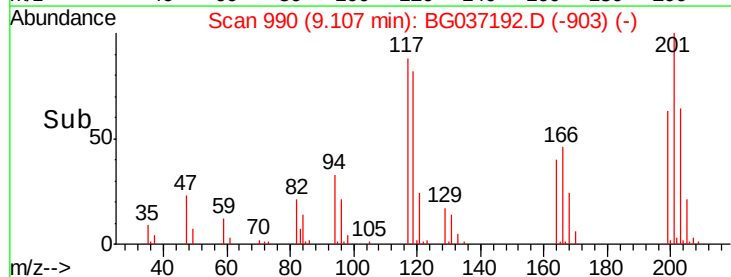
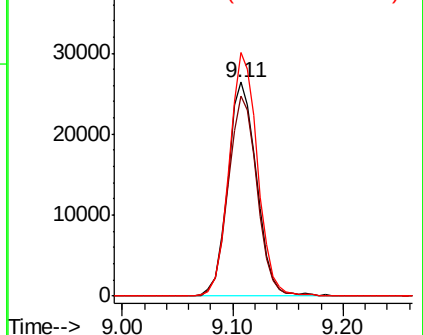


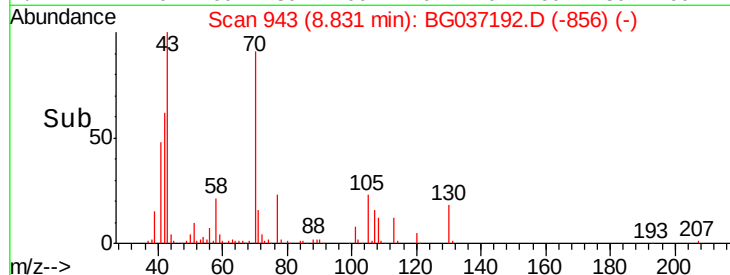
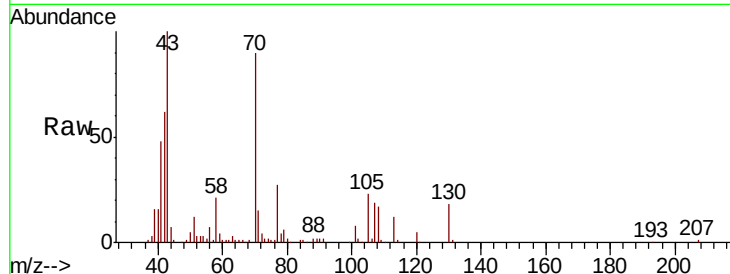
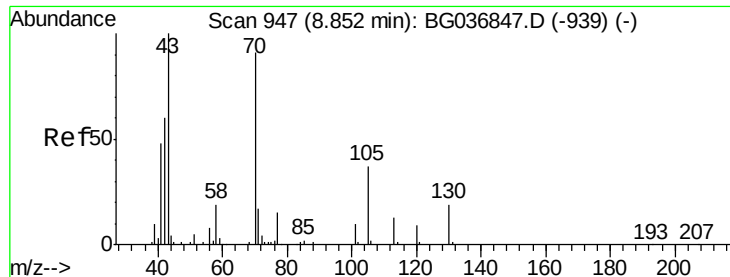
#18
Hexachloroethane
Concen: 42.339 ng
RT: 9.11 min Scan# 990
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion:	117	Resp:	48039
Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.8	115.2
201	113.8	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

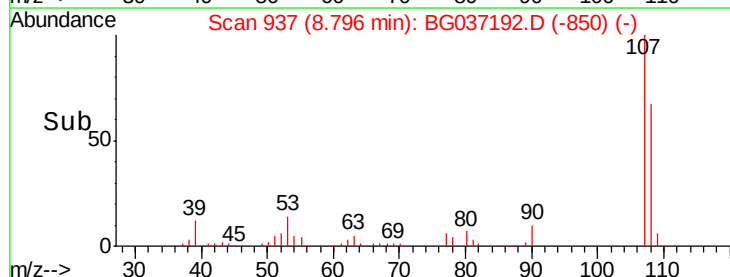
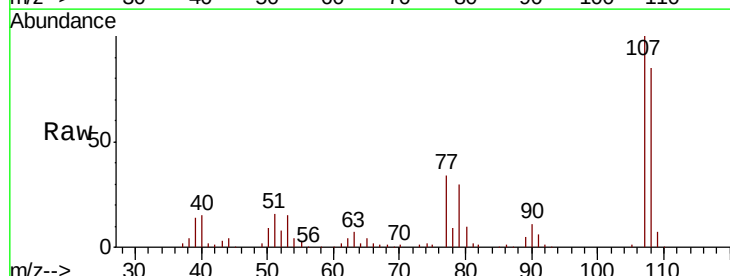
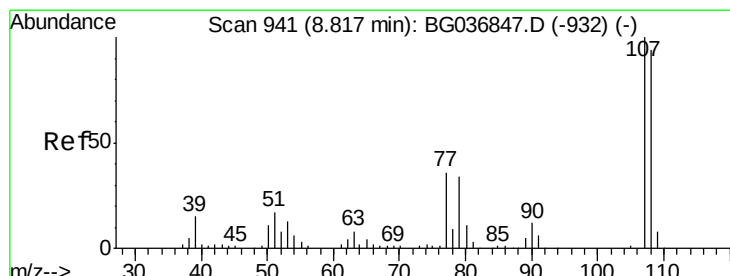
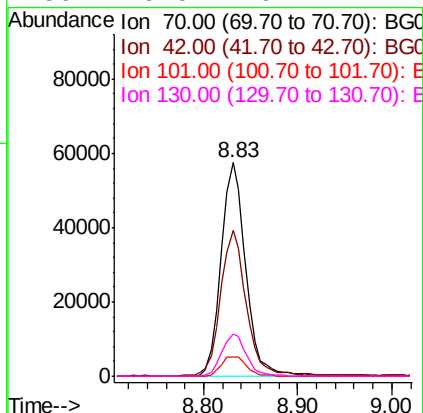




#19
n-Nitroso-di-n-propylamine
Concen: 38.772 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

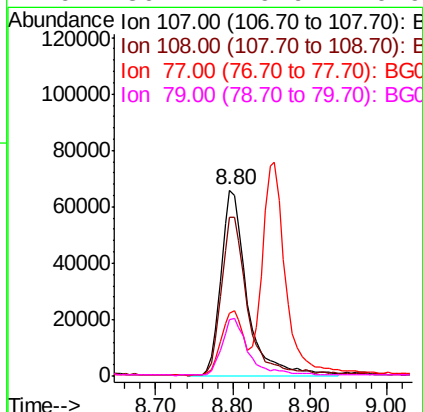
Instrument :
BNA_G
ClientSampleId :
PB113546BS

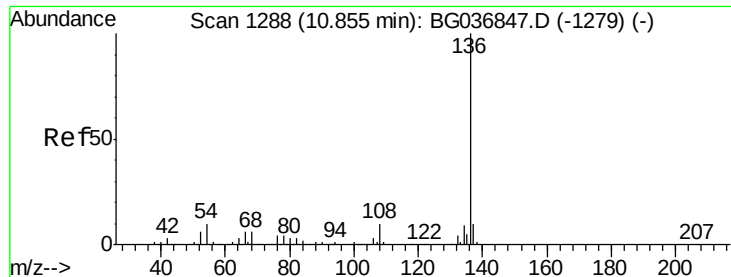
Tot Ion:	70	Resp:	105618
Ion	Ratio	Lower	Upper
70	100		
42	68.5	56.2	84.4
101	9.2	7.8	11.6
130	20.0	16.2	24.2



#20
3+4-Methylphenols
Concen: 46.901 ng
RT: 8.80 min Scan# 937
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion:	107	Resp:	153599
Ion	Ratio	Lower	Upper
107	100		
108	85.0	68.0	108.0
77	34.0	15.6	55.6
79	30.1	9.9	49.9

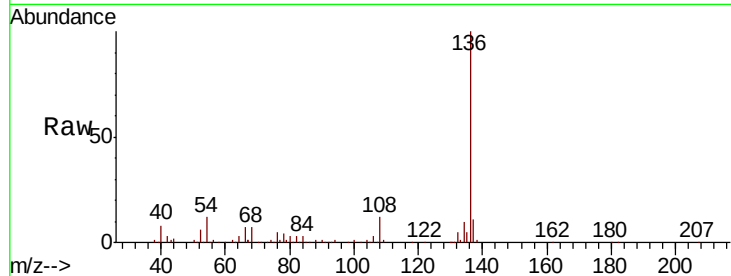




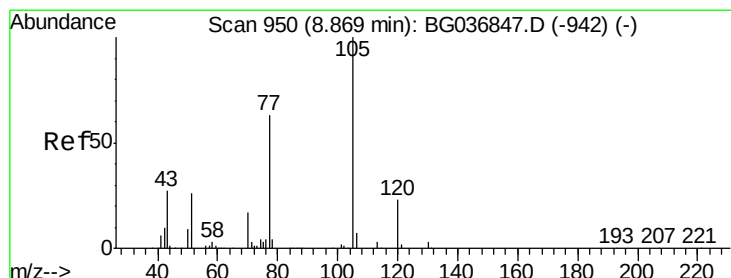
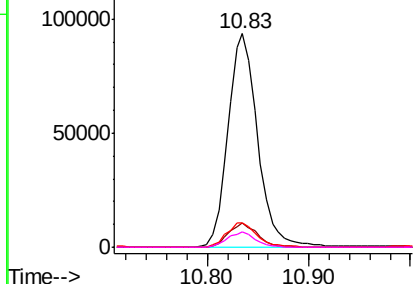
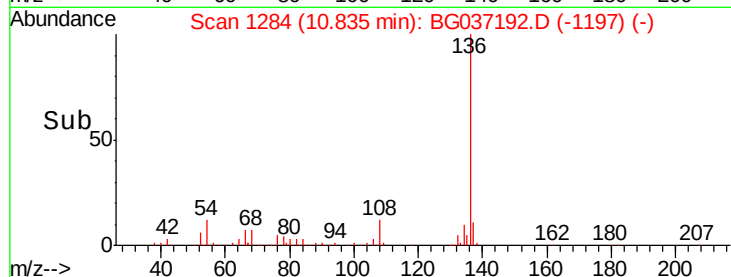
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampleId :
PB113546BS

Tot Ion:136	Resp:	189192
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.8 13.2
54	11.5	9.2 13.8
68	7.0	5.8 8.6

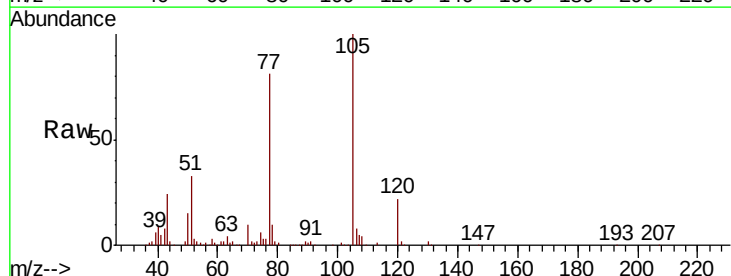


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

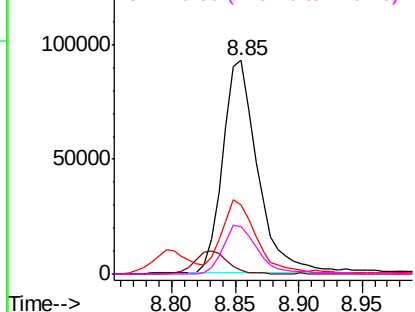
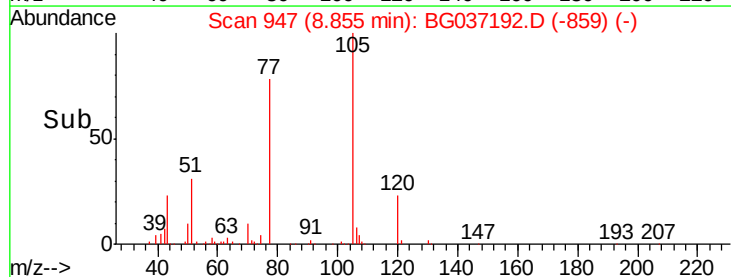


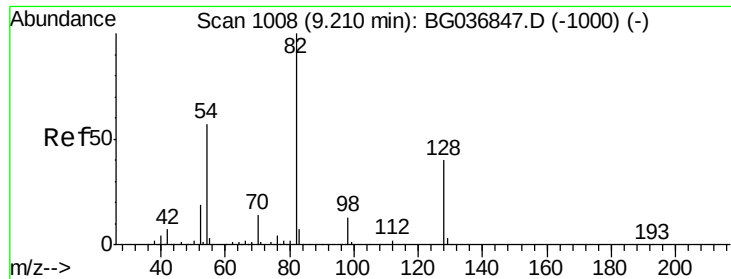
#22
Acetophenone
Concen: 39.781 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion:105	Resp:	176864
Ion	Ratio	Lower Upper
105	100	
71	1.6	2.4 3.6#
51	32.7	25.9 38.9
120	22.5	19.4 29.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

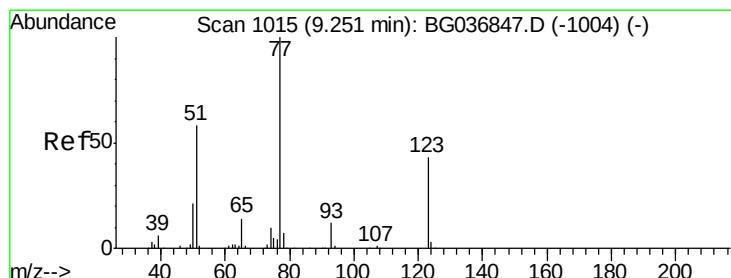
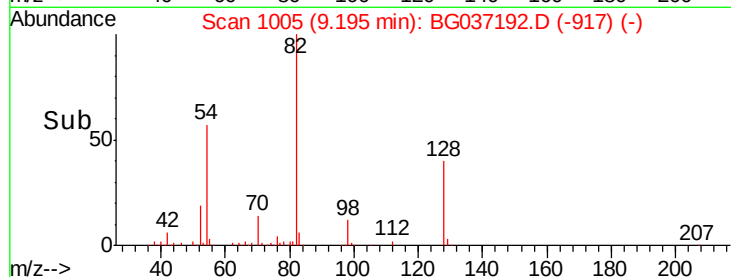
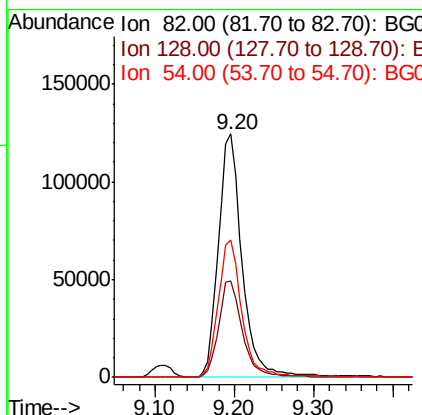
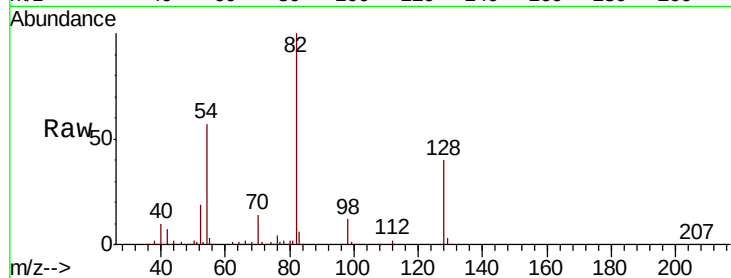




#23
 Nitrobenzene-d5
 Concen: 73.062 ng
 RT: 9.20 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

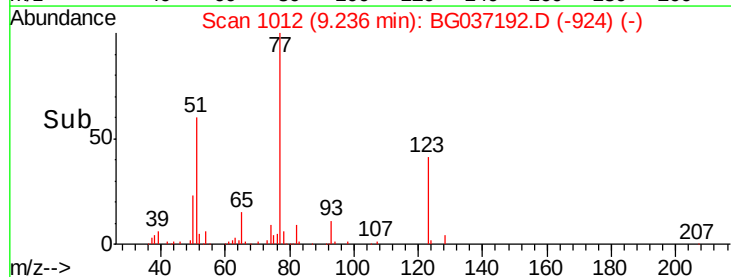
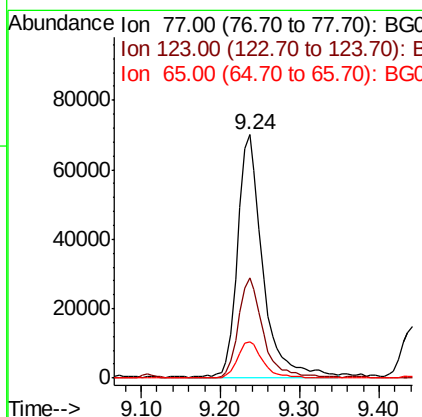
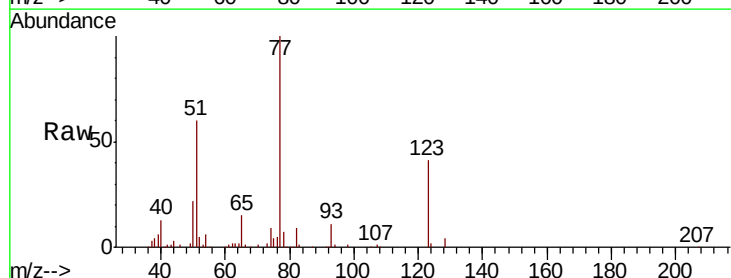
Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

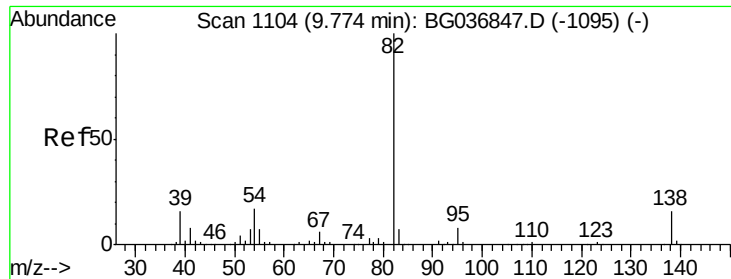
Tot Ion	82	Resp	258123
Ion Ratio	Lower	Upper	
82	100		
128	39.6	33.3	49.9
54	56.6	45.1	67.7



#24
 Nitrobenzene
 Concen: 40.474 ng
 RT: 9.24 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Tgt Ion	77	Resp	152701
Ion Ratio	Lower	Upper	
77	100		
123	41.1	32.4	48.6
65	14.9	11.5	17.3





#25

Isophorone

Concen: 46.649 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB113546BS

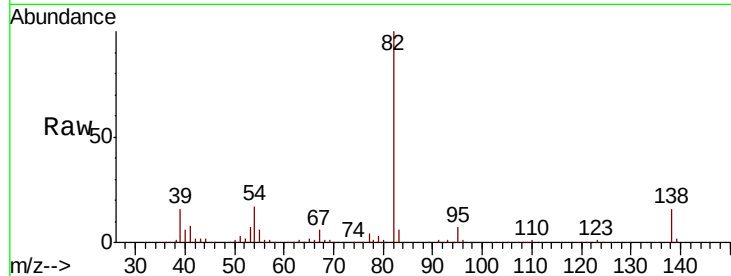
Tot Ion: 82 Resp: 301136

Ion Ratio Lower Upper

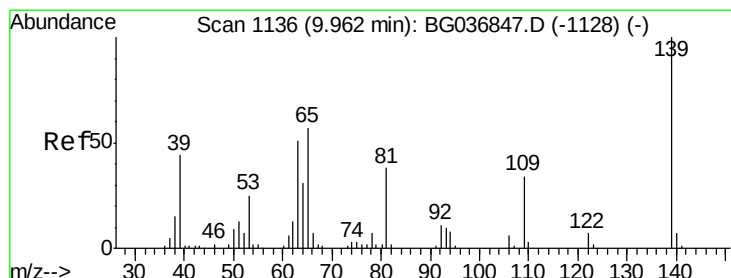
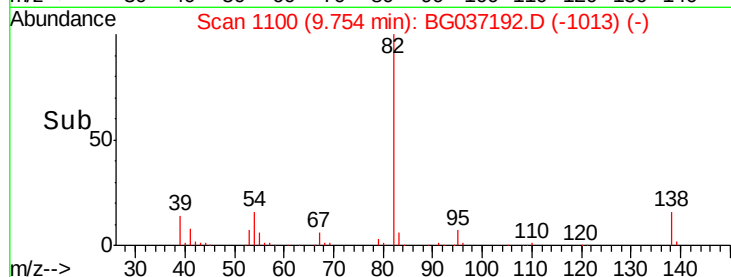
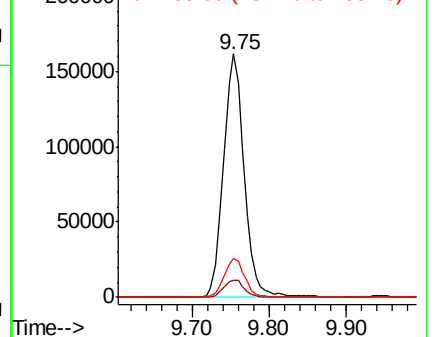
82 100

95 7.1 5.8 8.8

138 15.9 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 42.889 ng

RT: 9.95 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

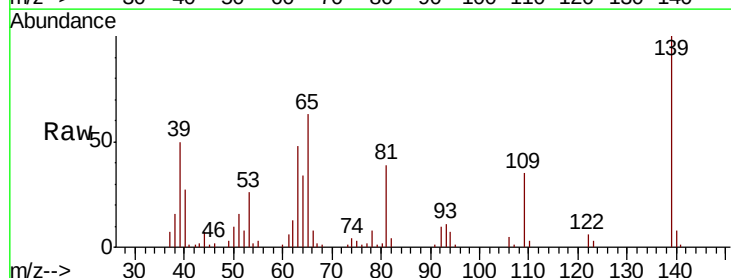
Tgt Ion: 139 Resp: 64498

Ion Ratio Lower Upper

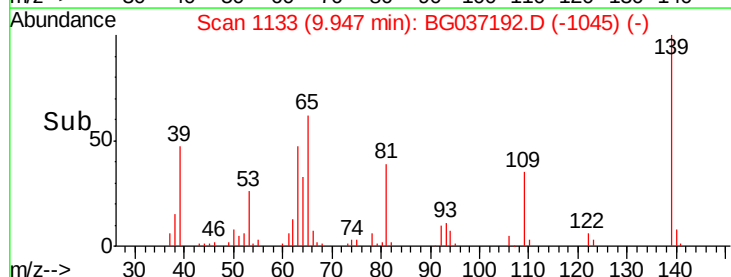
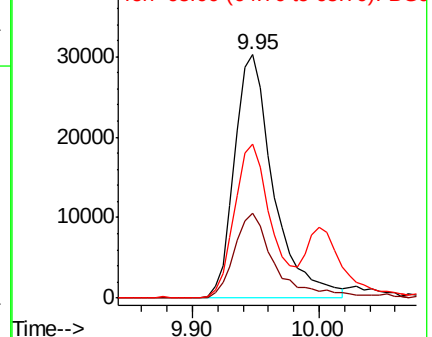
139 100

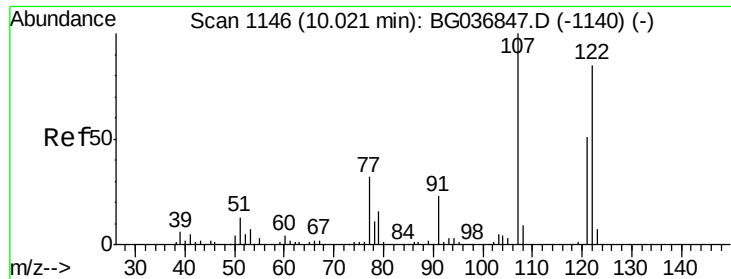
109 35.1 27.4 41.0

65 63.3 47.8 71.6



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

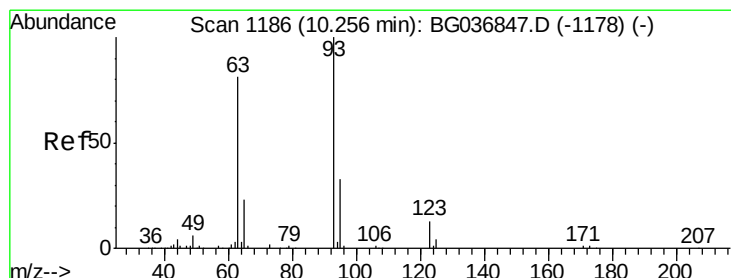
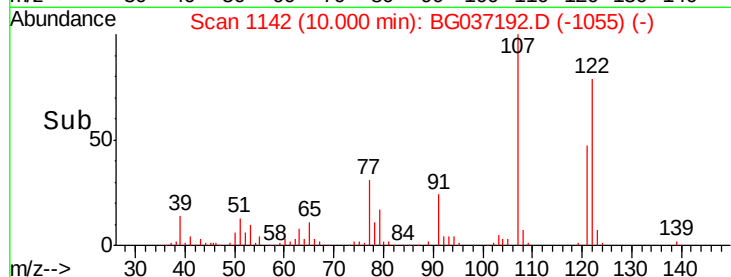
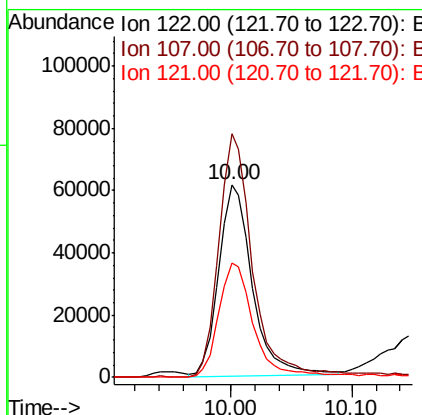
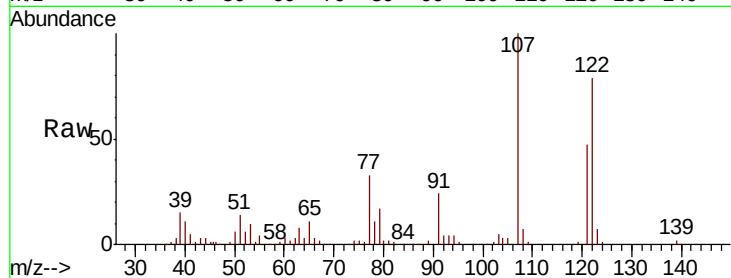




#27
 2,4-Dimethylphenol
 Concen: 50.684 ng
 RT: 10.00 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

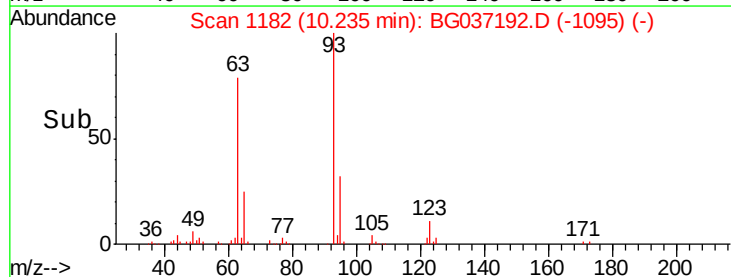
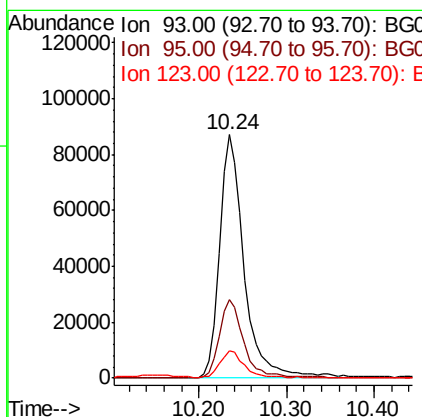
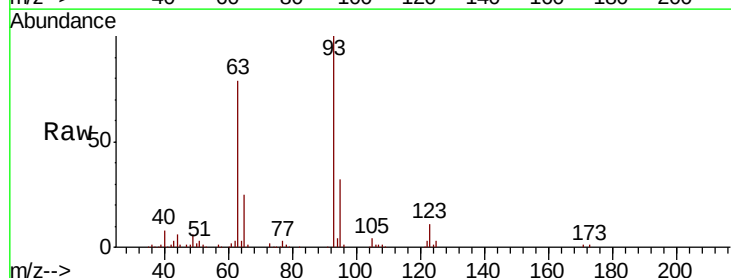
Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

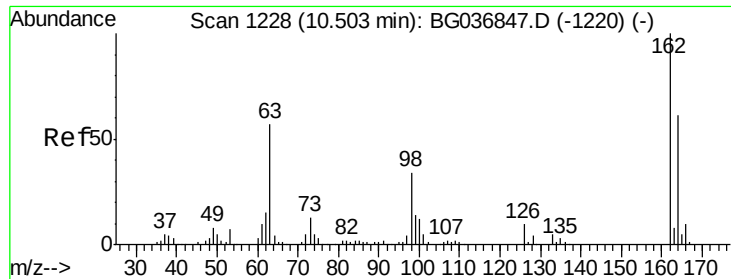
Tot Ion:122 Resp: 118728
 Ion Ratio Lower Upper
 122 100
 107 126.1 96.0 144.0
 121 59.5 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.332 ng
 RT: 10.24 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Tgt Ion: 93 Resp: 168622
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.2 37.8
 123 11.2 8.6 12.8

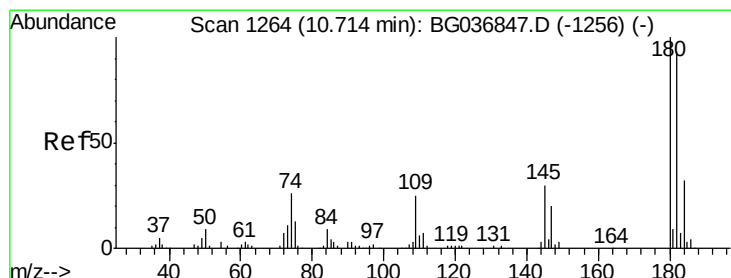
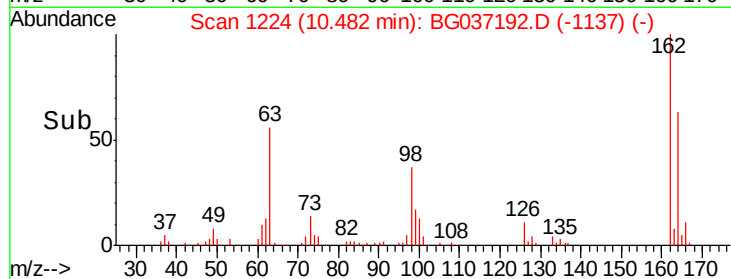
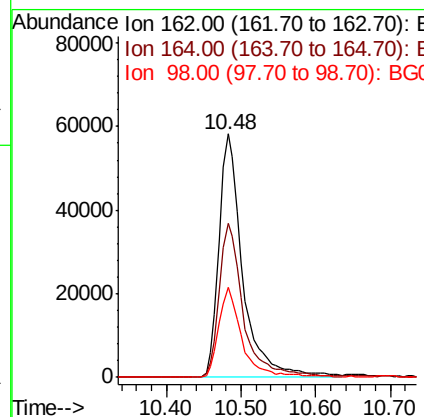
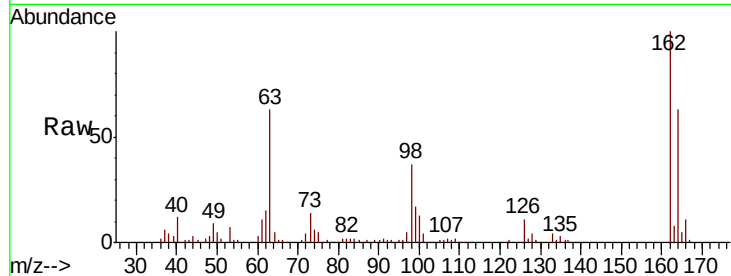




#29
 2,4-Dichlorophenol
 Concen: 47.390 ng
 RT: 10.48 min Scan# 1224
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

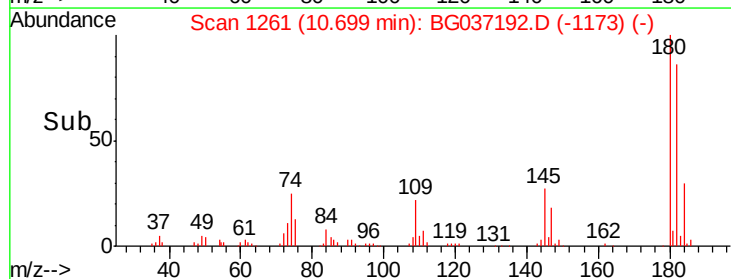
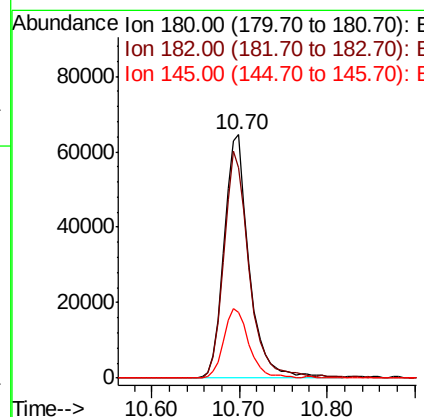
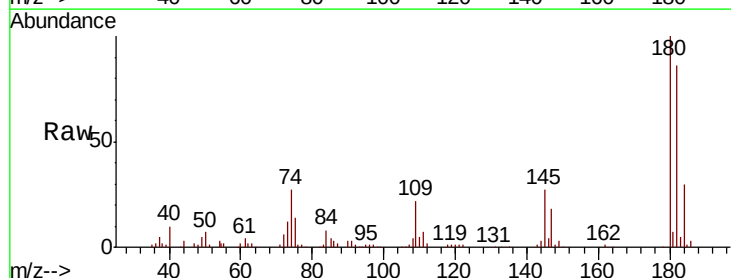
Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

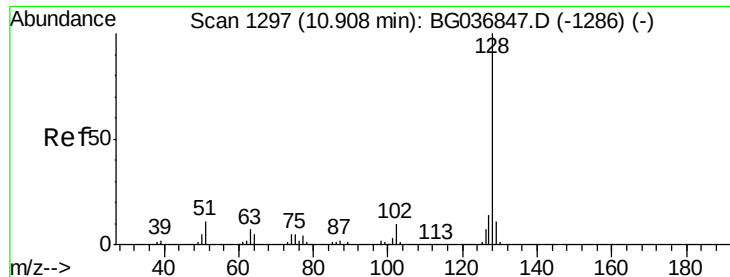
Tot Ion	162	Resp	128690
Ion Ratio	Lower	Upper	
162	100		
164	63.4	47.6	87.6
98	36.9	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 37.697 ng
 RT: 10.70 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Tgt Ion	180	Resp	128108
Ion Ratio	Lower	Upper	
180	100		
182	86.2	76.0	114.0
145	27.2	22.9	34.3

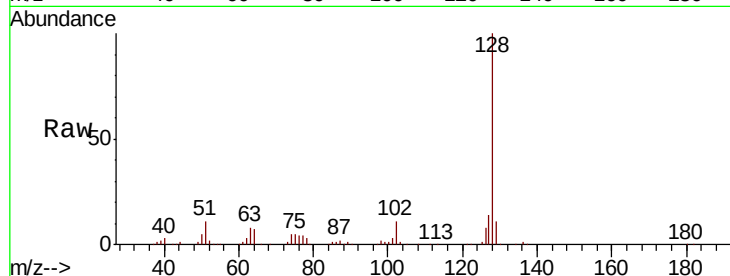




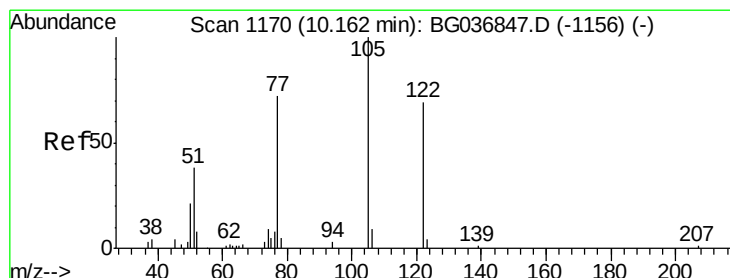
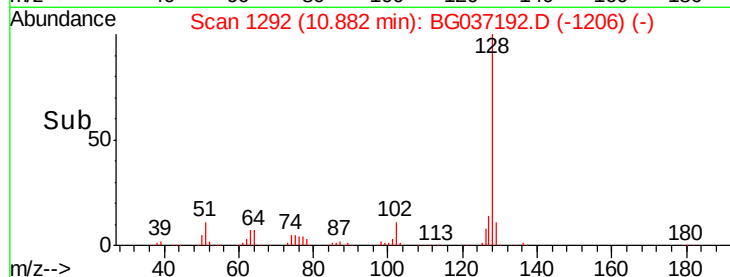
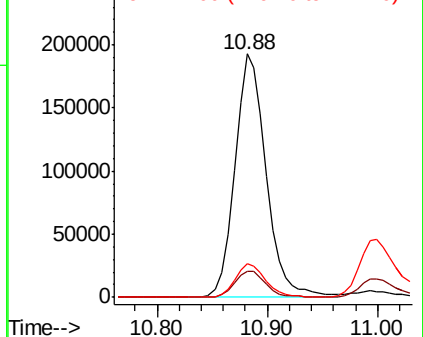
#31
Naphthalene
Concen: 42.516 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.03 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampleId :
PB113546BS

Tot Ion:128 Resp: 382728
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 13.9 11.0 16.4

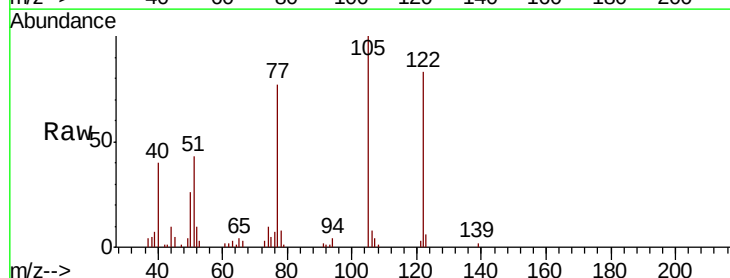


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

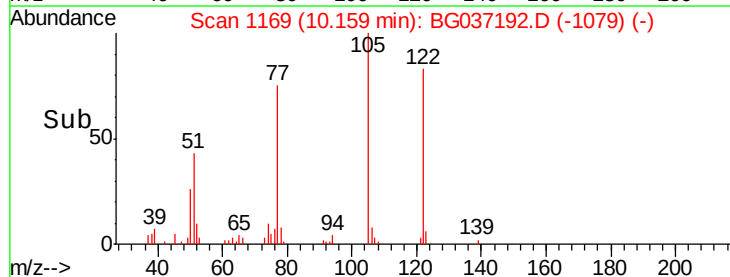
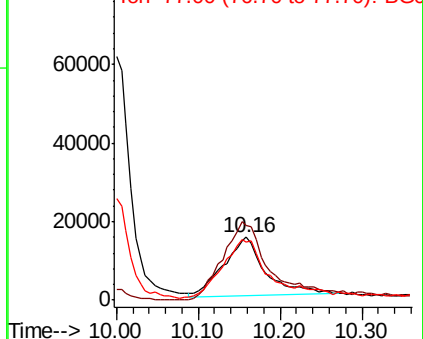


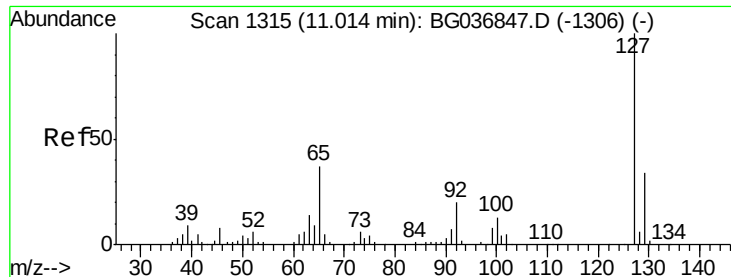
#32
Benzoic acid
Concen: 31.863 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion:122 Resp: 53191
Ion Ratio Lower Upper
122 100
105 119.9 108.1 148.1
77 92.5 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

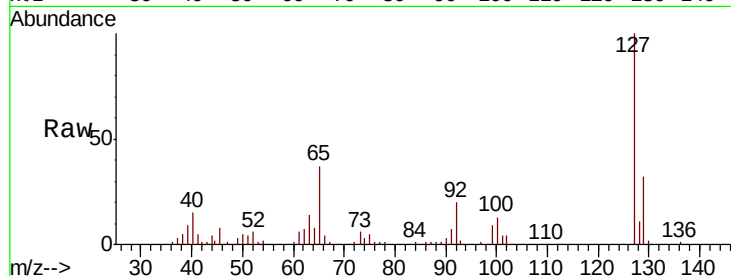




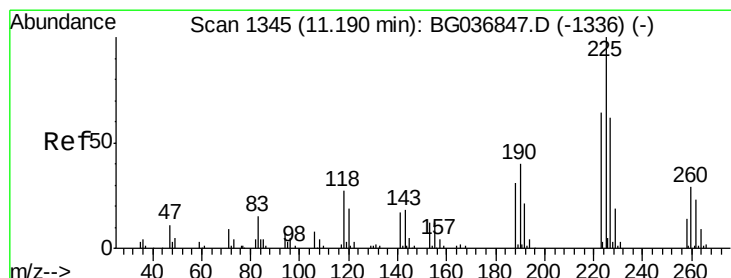
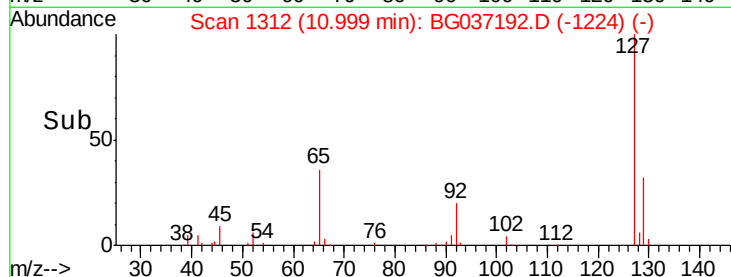
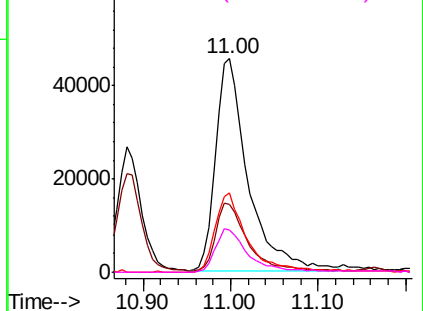
#33
4-Chloroaniline
Concen: 28.200 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampleId :
PB113546BS

Tot Ion:127 Resp: 115421
Ion Ratio Lower Upper
127 100
129 31.7 25.9 38.9
65 36.9 27.5 41.3
92 19.8 16.2 24.2

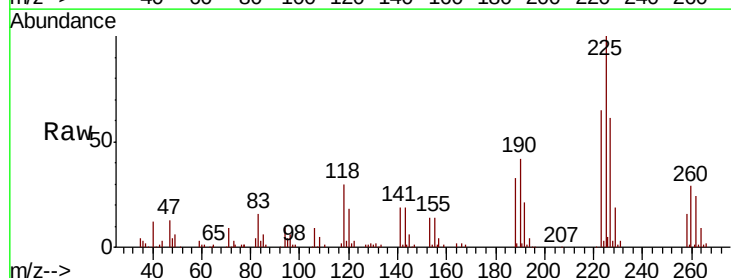


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

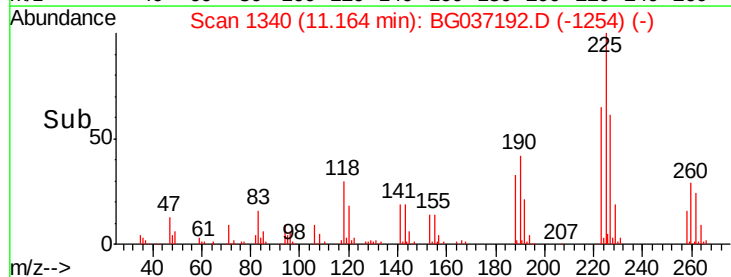
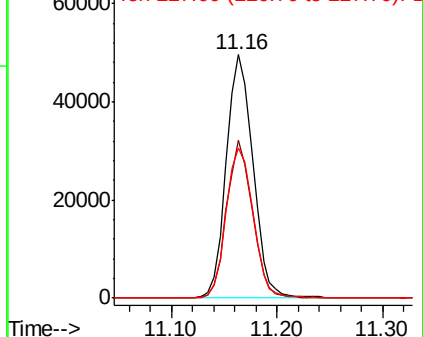


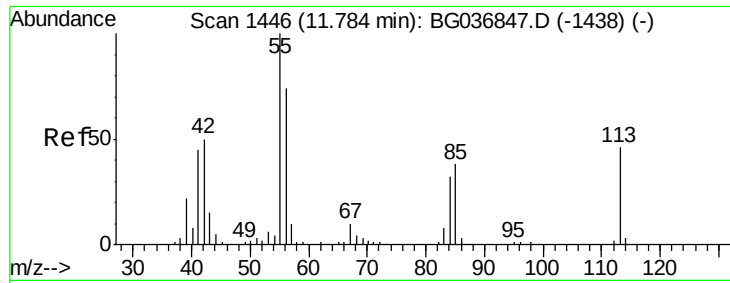
#34
Hexachlorobutadiene
Concen: 36.906 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion:225 Resp: 86734
Ion Ratio Lower Upper
225 100
223 64.9 51.8 77.8
227 61.5 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

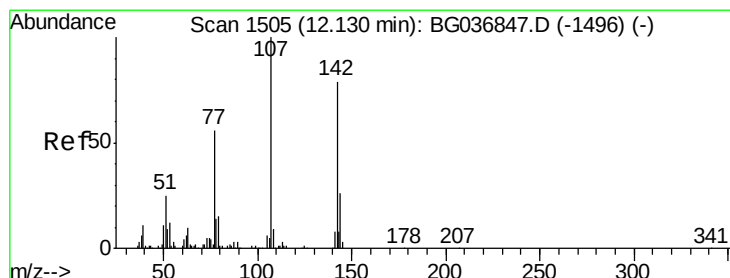
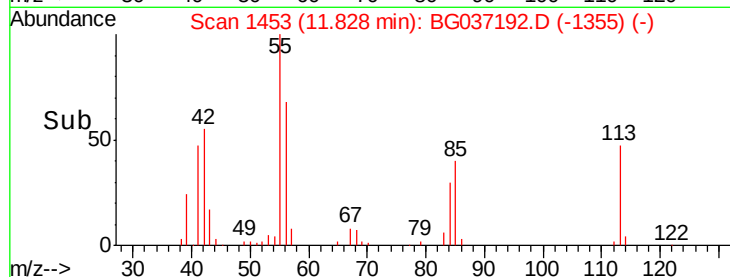
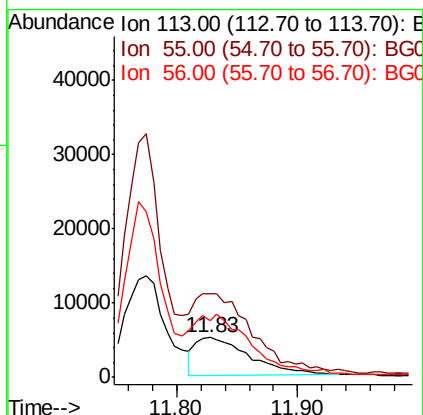
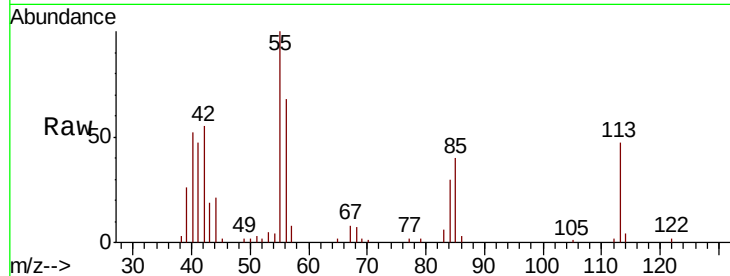




#35
 Caprolactam
 Concen: 14.387 ng
 RT: 11.83 min Scan# 1453
 Delta R.T. 0.04 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

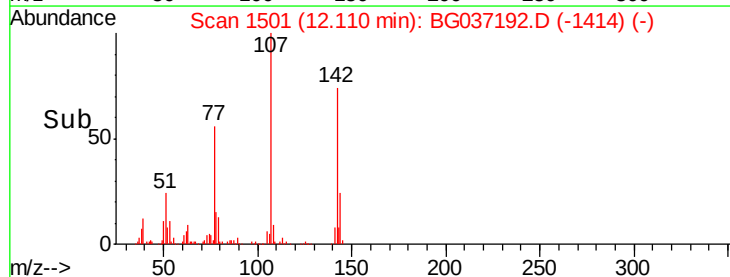
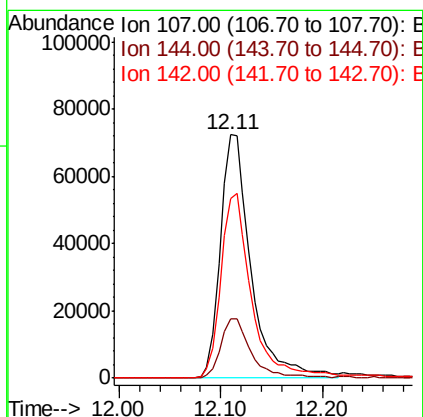
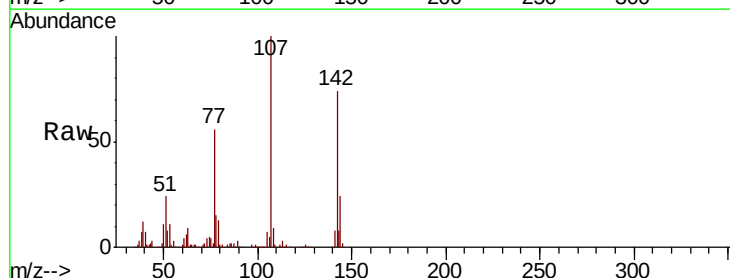
Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

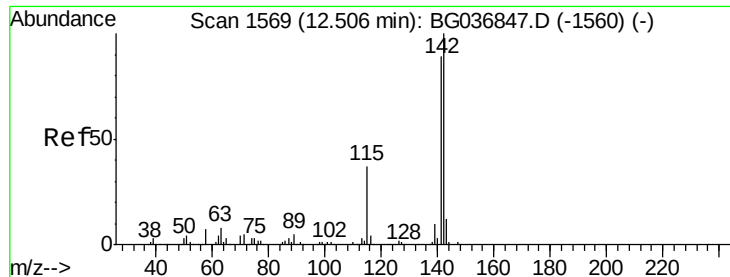
Tot Ion:113 Resp: 16080
 Ion Ratio Lower Upper
 113 100
 55 212.9 197.7 237.7
 56 143.9 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.874 ng
 RT: 12.11 min Scan# 1501
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Tgt Ion:107 Resp: 151879
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.5 29.3
 142 73.8 62.4 93.6

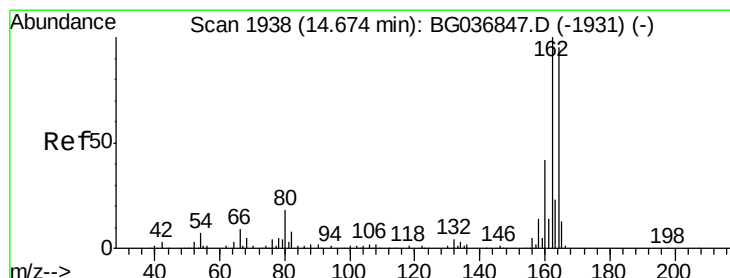
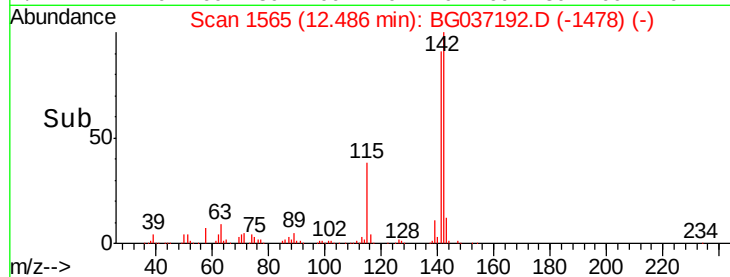
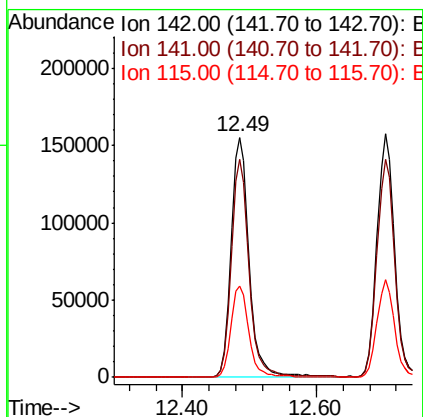
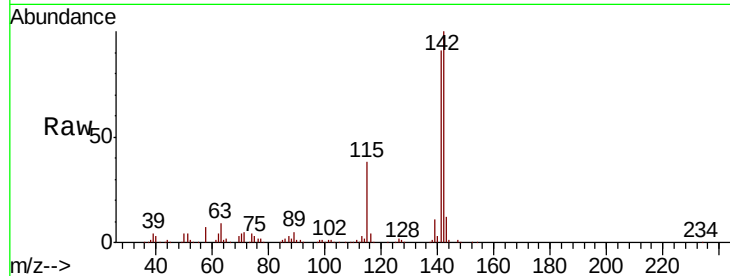




#37
 2-Methylnaphthalene
 Concen: 43.067 ng
 RT: 12.49 min Scan# 1565
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

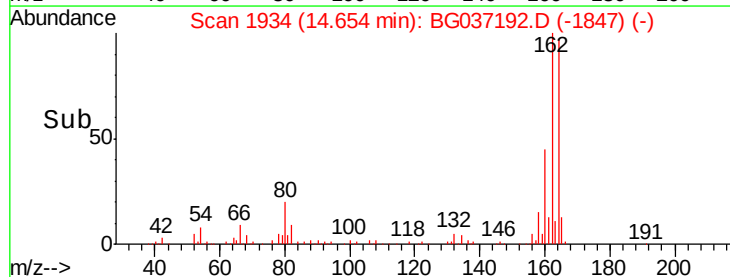
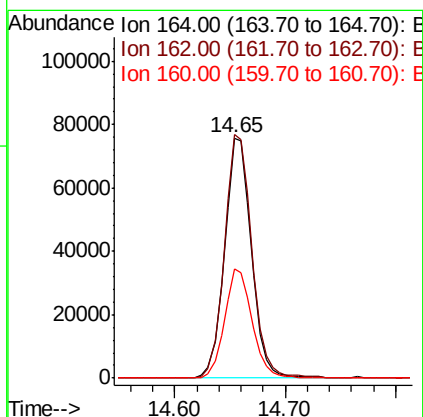
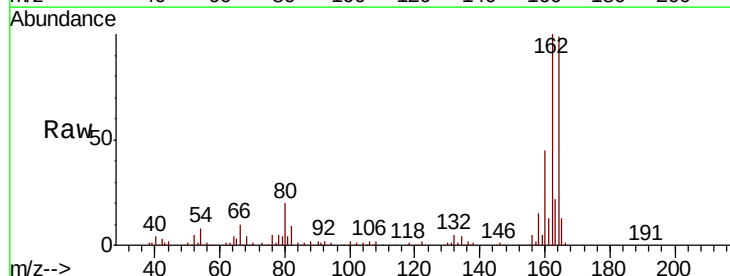
Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

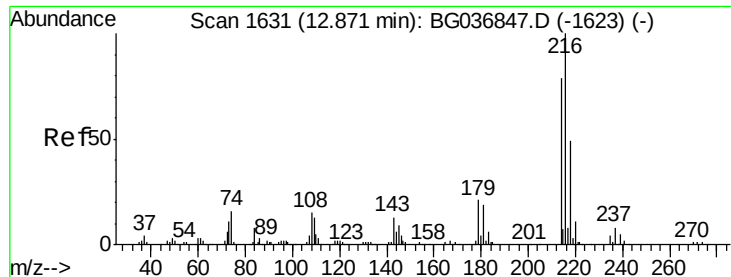
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	68.5	102.7
115	38.1	29.8	44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.7	121.1
160	45.3	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.670 ng

RT: 12.86 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB113546BS

Tot Ion:216 Resp: 164613

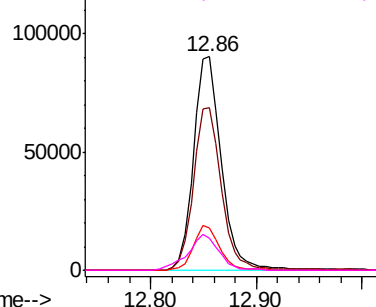
Ion	Ratio	Lower	Upper
216	100		
214	76.9	61.0	91.6
179	20.1	15.7	23.5
108	18.7	13.1	19.7

Abundance Ion 216.00 (215.70 to 216.70): E

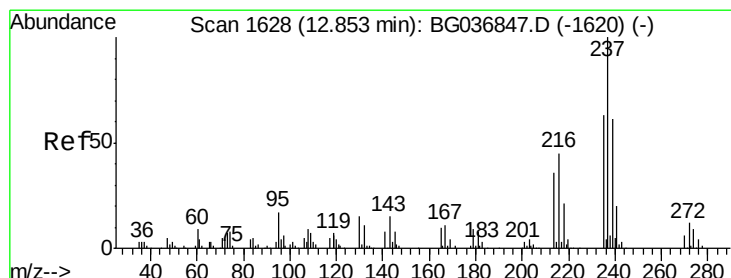
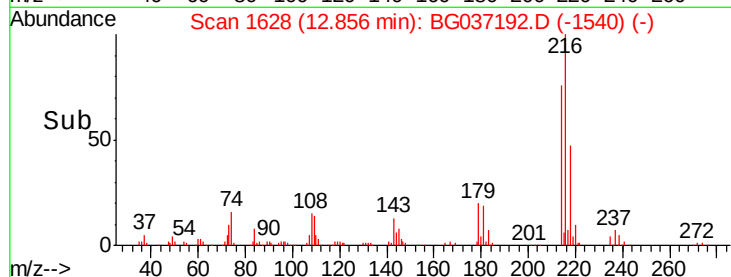
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 73.537 ng

RT: 12.83 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

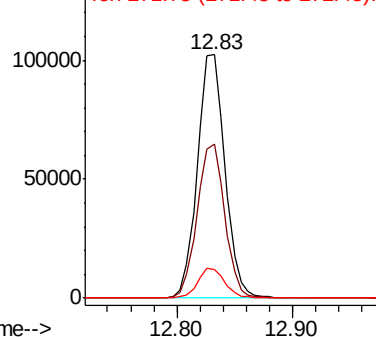
Tgt Ion:237 Resp: 169776

Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.2	82.2
272	11.7	0.0	32.1

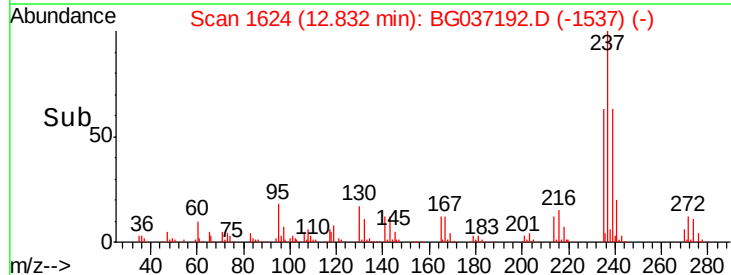
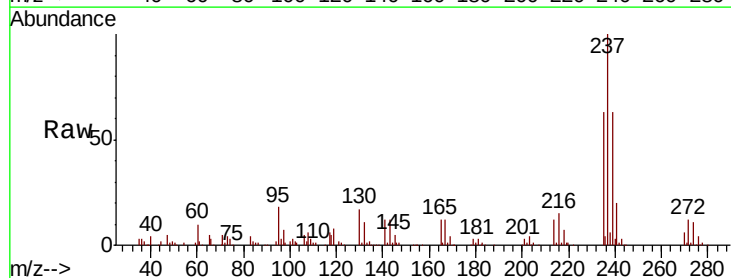
Abundance Ion 236.80 (236.50 to 237.50): E

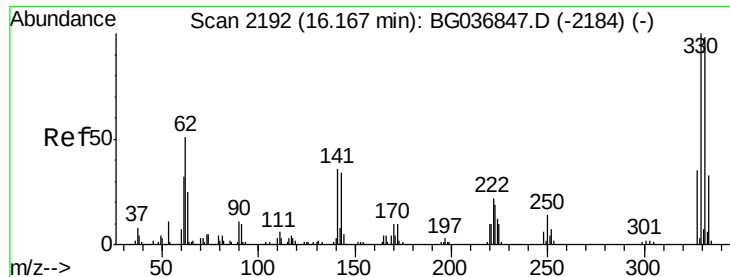
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





#41

2,4,6-Tribromophenol

Concen: 115.681 ng

RT: 16.15 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB113546BS

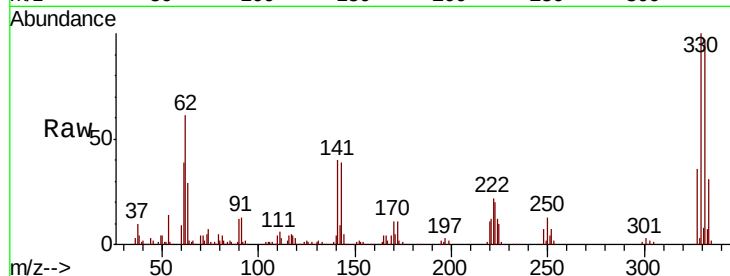
Tot Ion:330 Resp: 178136

Ion Ratio Lower Upper

330 100

332 94.8 75.4 113.2

141 40.4 30.7 46.1

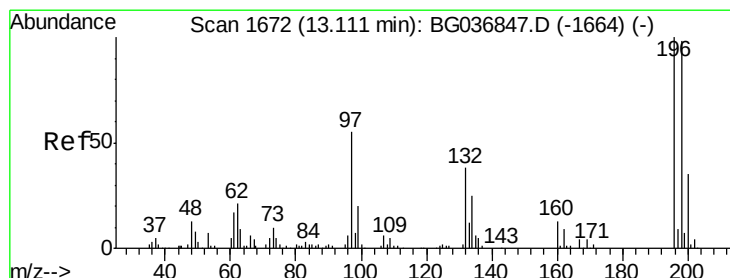
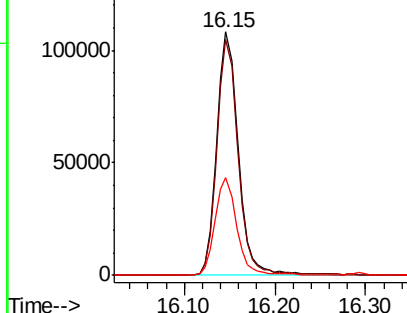
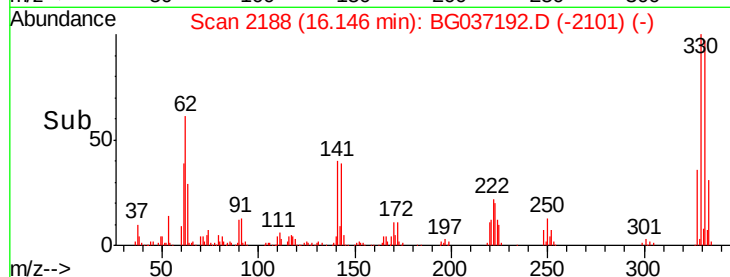


Abundance

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: 43.419 ng

RT: 13.09 min Scan# 1668

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

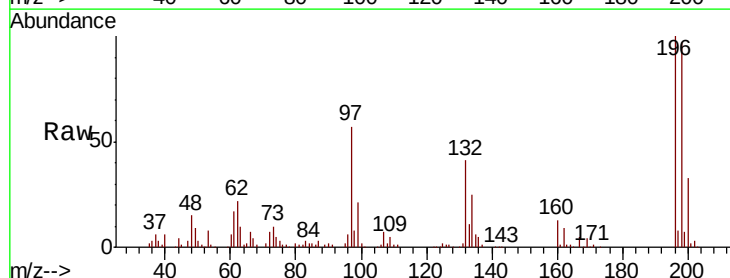
Tgt Ion:196 Resp: 108233

Ion Ratio Lower Upper

196 100

198 96.9 77.2 115.8

200 32.9 26.3 39.5

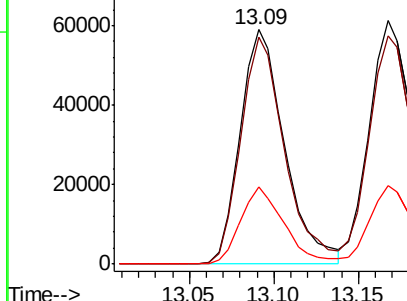
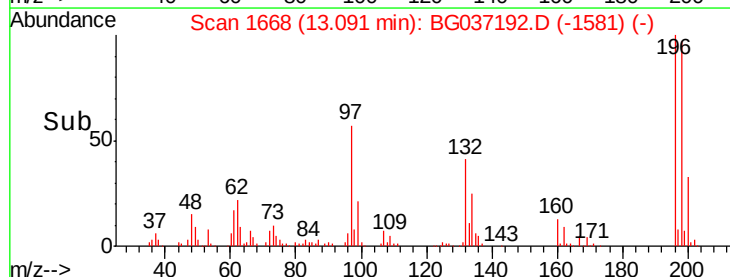


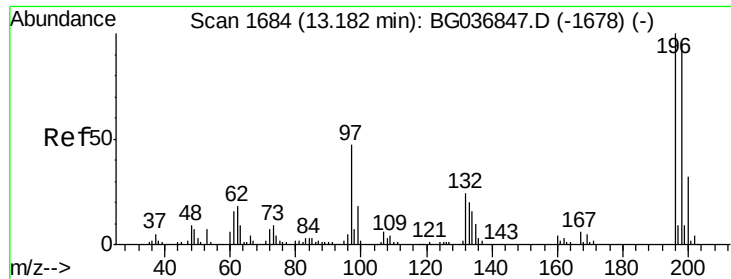
Abundance

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

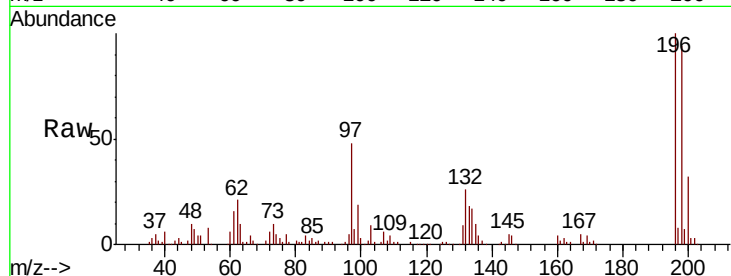




#43
 2,4,5-Trichlorophenol
 Concen: 46.011 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.6	113.4
97	48.0	37.2	55.8
132	26.0	19.4	29.2



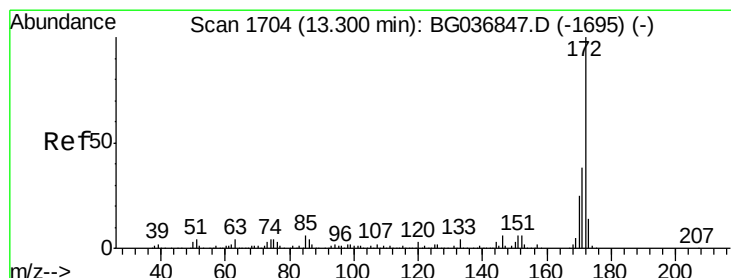
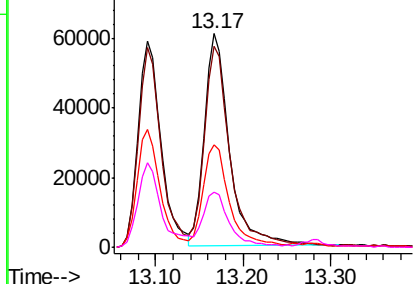
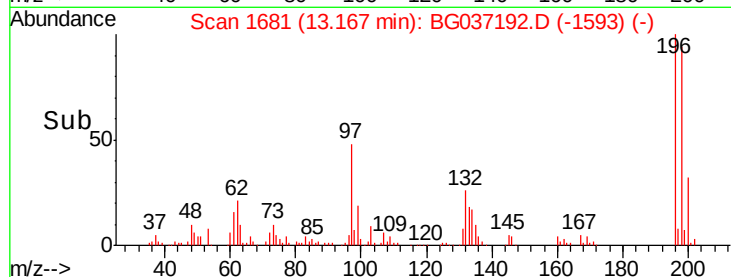
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

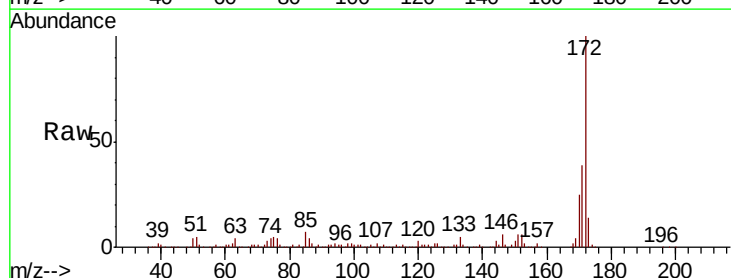
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.135 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.3	46.9
170	24.9	21.0	31.6

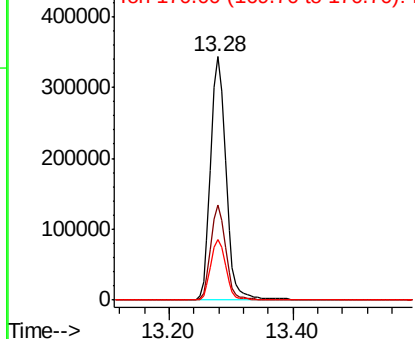
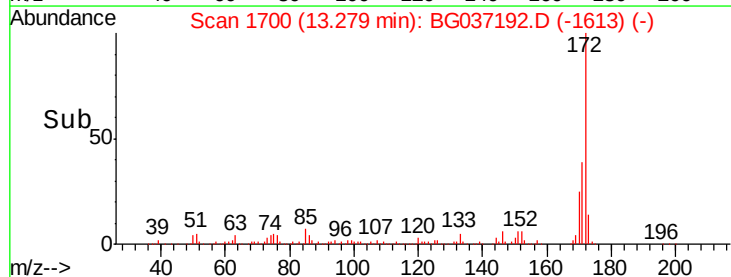


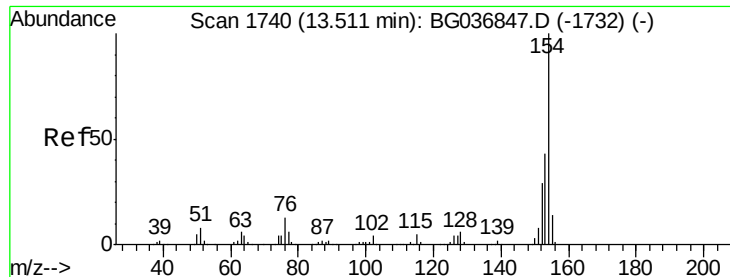
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

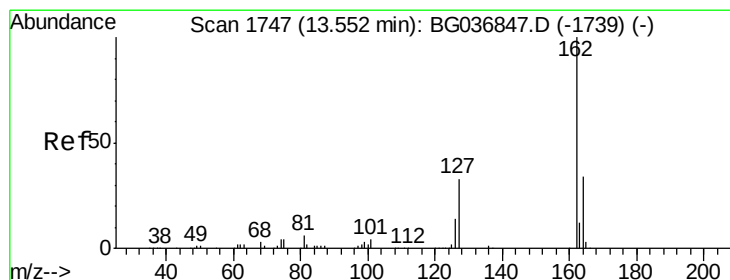
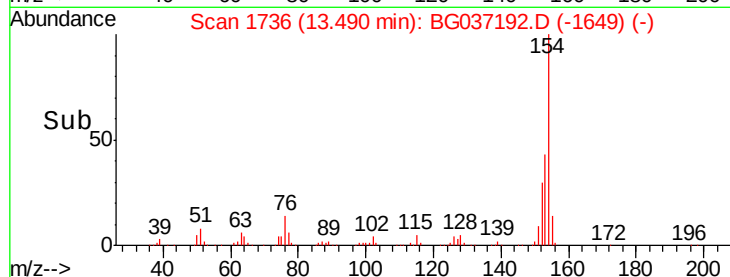
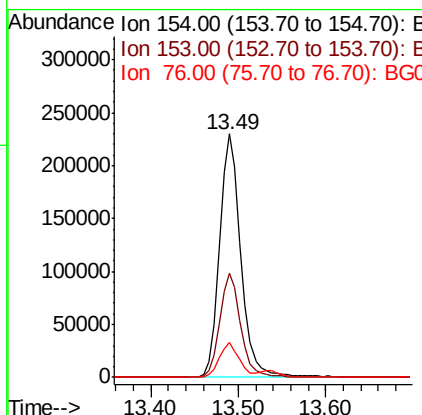
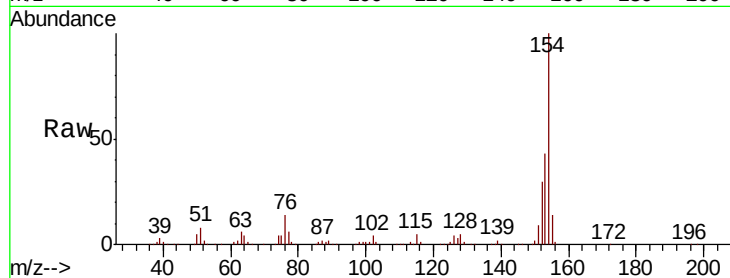




#45
 1,1'-Biphenyl
 Concen: 39.300 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

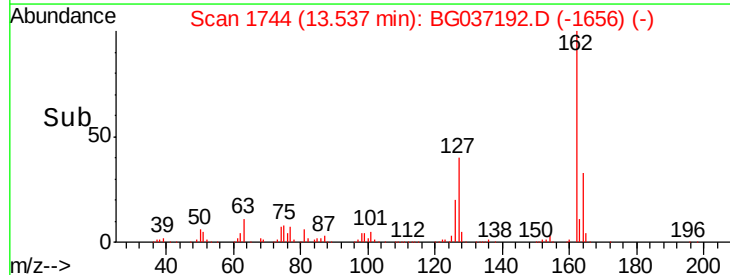
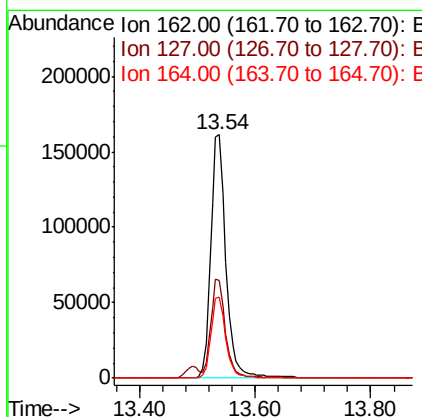
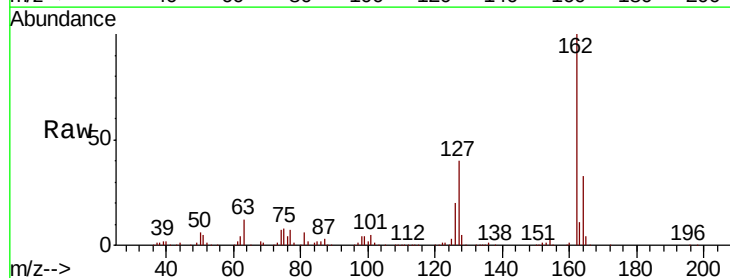
Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

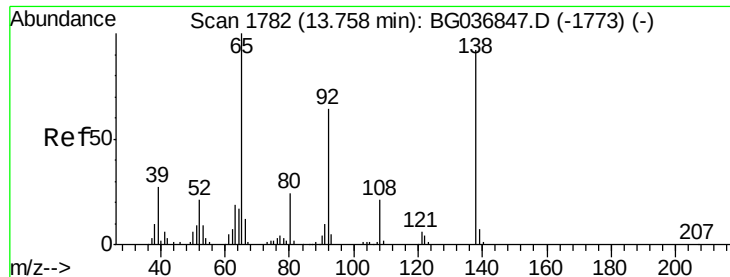
Tot Ion:154 Resp: 387379
 Ion Ratio Lower Upper
 154 100
 153 42.6 24.0 64.0
 76 14.1 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 38.233 ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Tgt Ion:162 Resp: 296371
 Ion Ratio Lower Upper
 162 100
 127 40.4 30.7 46.1
 164 33.2 26.7 40.1





#47

2-Nitroaniline

Concen: 46.247 ng

RT: 13.74 min Scan# 1778

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB113546BS

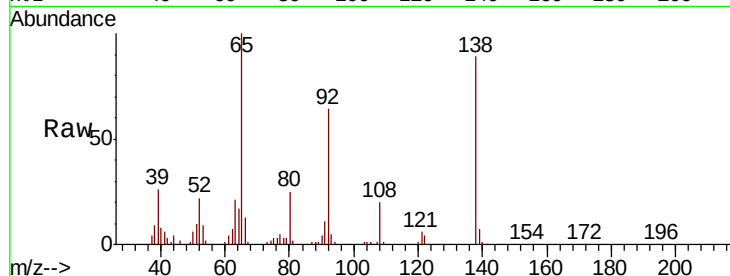
Tot Ion: 65 Resp: 123997

Ion Ratio Lower Upper

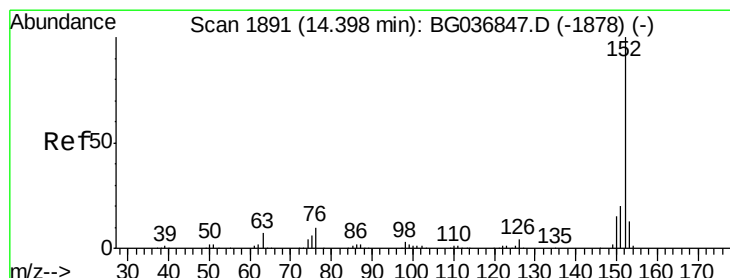
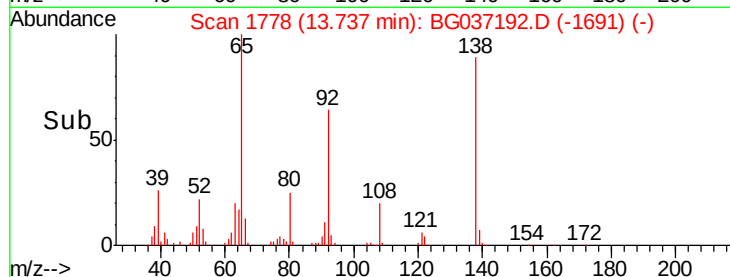
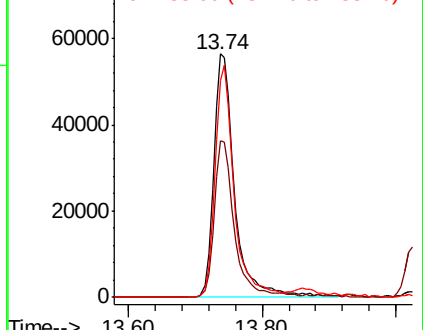
65 100

92 64.4 49.9 74.9

138 89.1 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: 42.398 ng

RT: 14.38 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

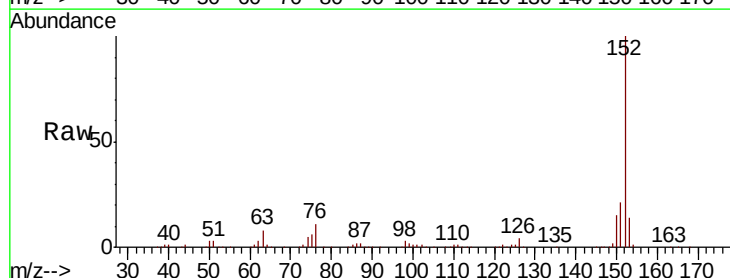
Tgt Ion: 152 Resp: 515007

Ion Ratio Lower Upper

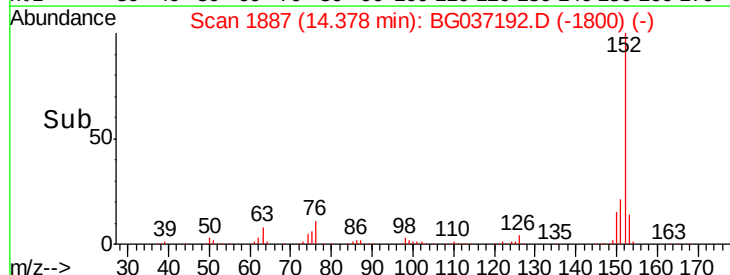
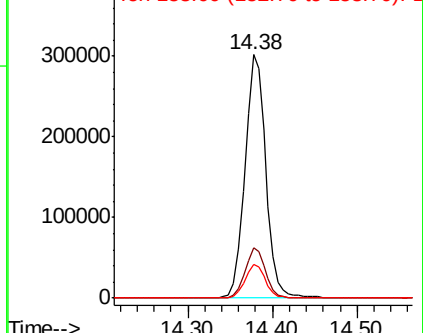
152 100

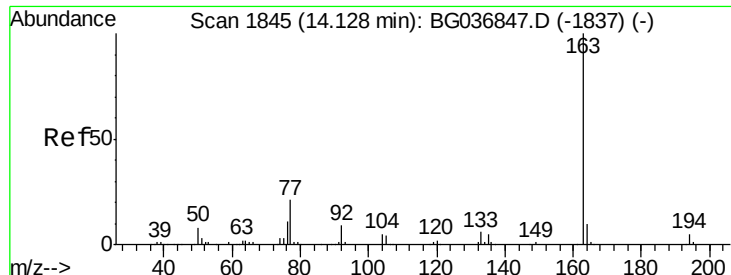
151 20.5 16.9 25.3

153 13.8 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: 40.658 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB113546BS

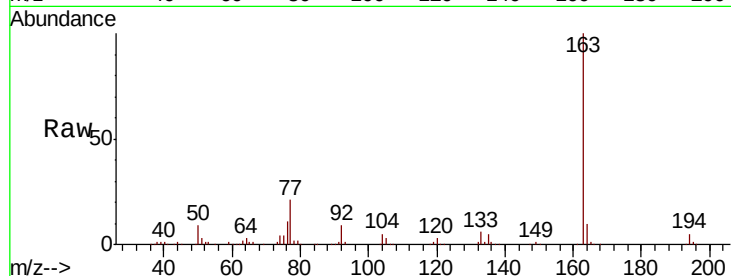
Tot Ion:163 Resp: 421212

Ion Ratio Lower Upper

163 100

194 4.9 4.0 6.0

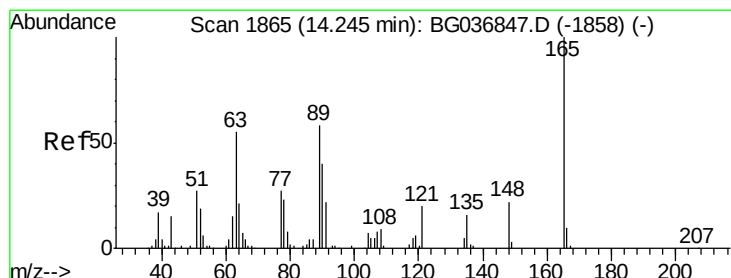
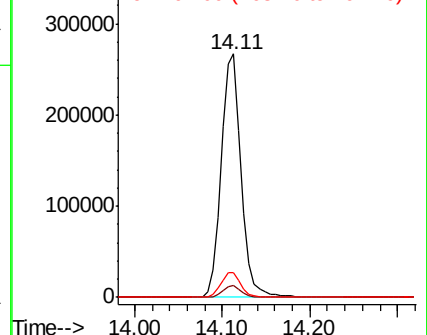
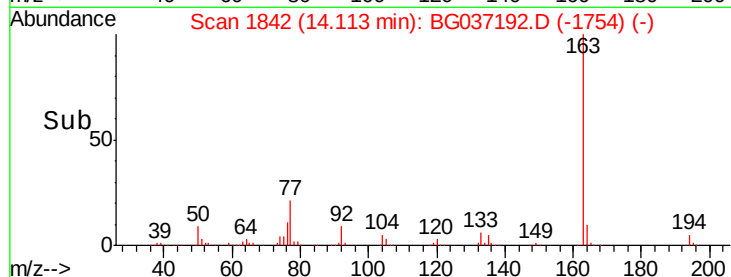
164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.832 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

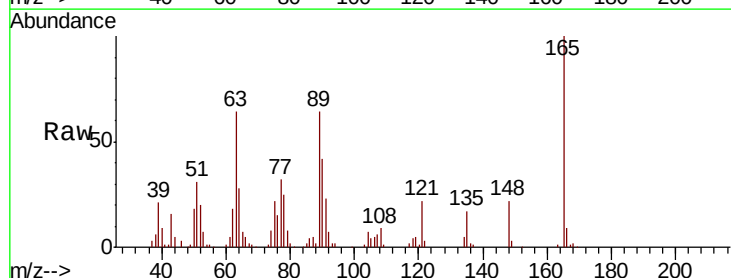
Tgt Ion:165 Resp: 94556

Ion Ratio Lower Upper

165 100

63 64.3 50.1 75.1

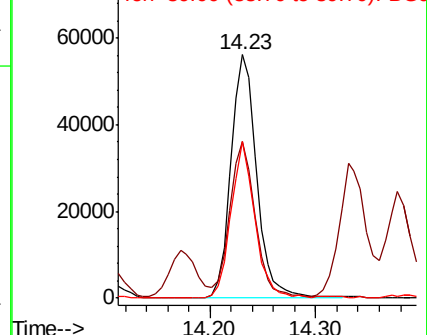
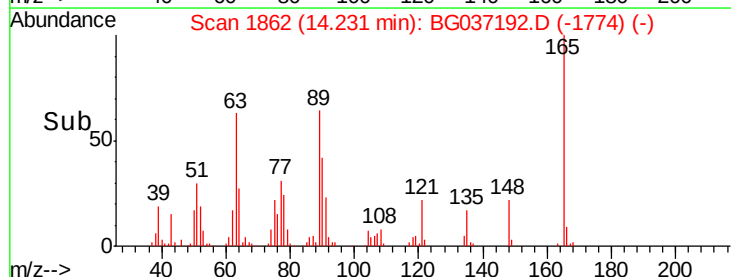
89 64.2 47.8 71.6

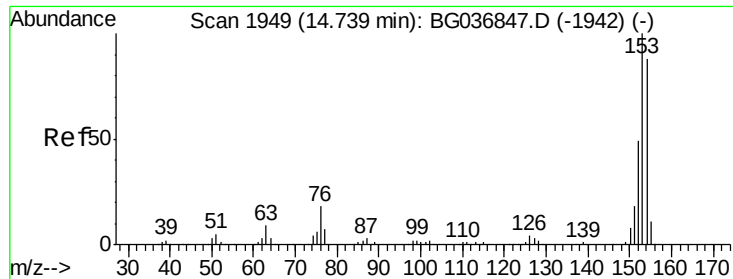


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.958 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB113546BS

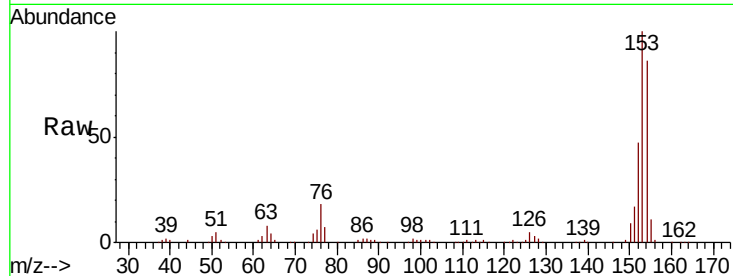
Tot Ion:154 Resp: 293346

Ion Ratio Lower Upper

154 100

153 116.2 91.8 137.6

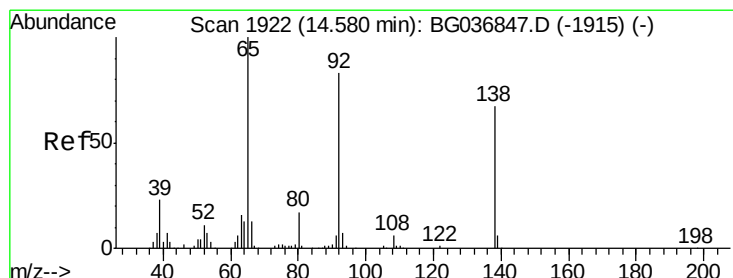
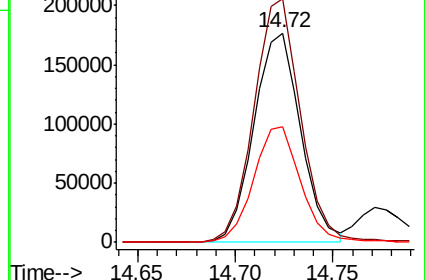
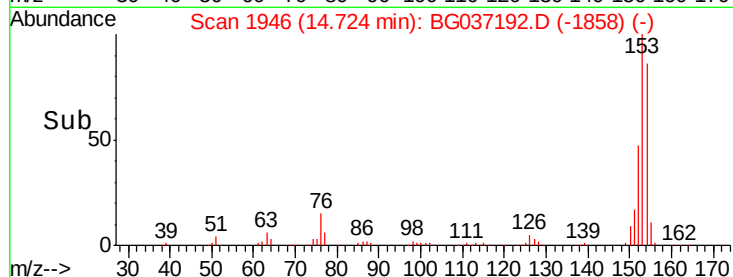
152 55.2 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.713 ng

RT: 14.57 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

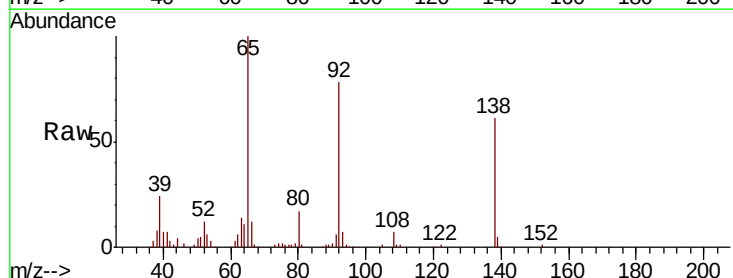
Tgt Ion:138 Resp: 77919

Ion Ratio Lower Upper

138 100

108 12.0 9.4 14.2

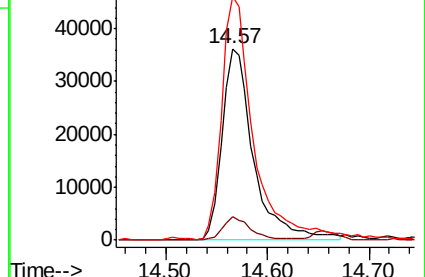
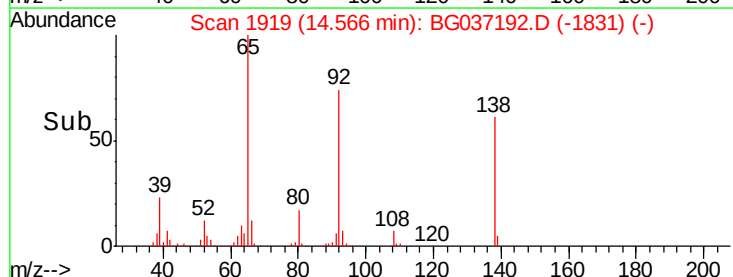
92 127.0 96.8 145.2

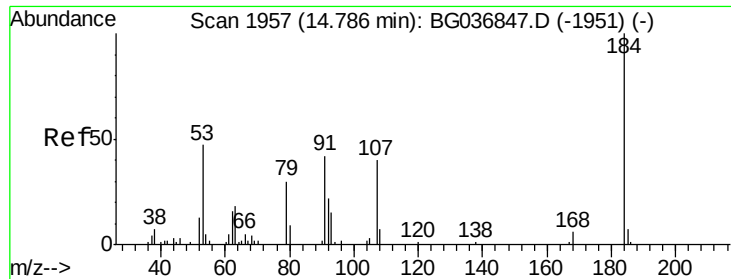


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 83.114 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB113546BS

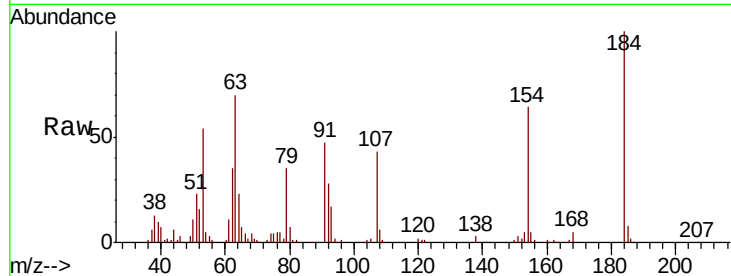
Tot Ion:184 Resp: 88393

Ion Ratio Lower Upper

184 100

63 69.6 47.3 70.9

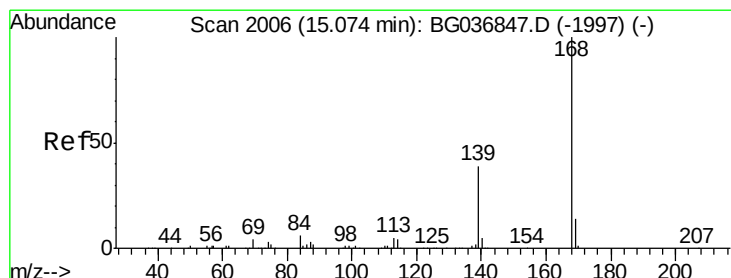
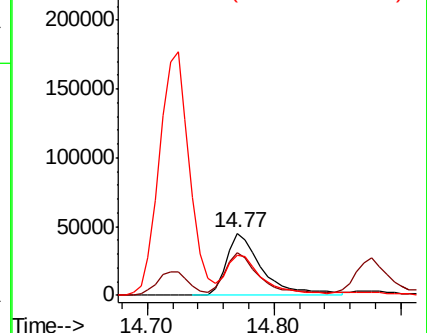
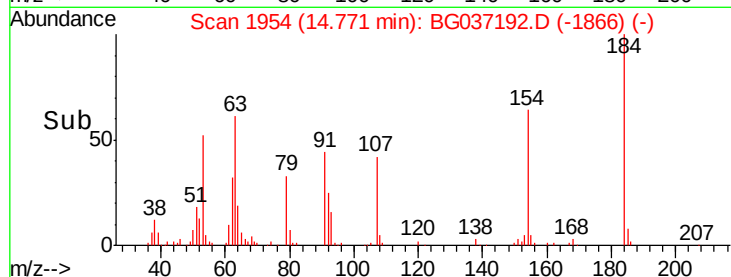
154 64.5 51.1 76.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 40.070 ng

RT: 15.05 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

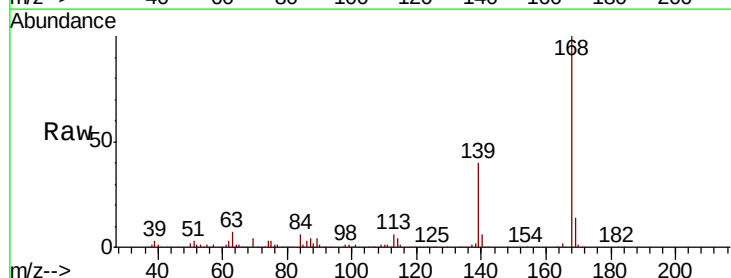
Tgt Ion:168 Resp: 497583

Ion Ratio Lower Upper

168 100

139 40.3 31.0 46.6

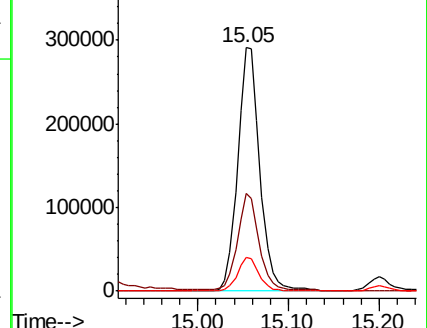
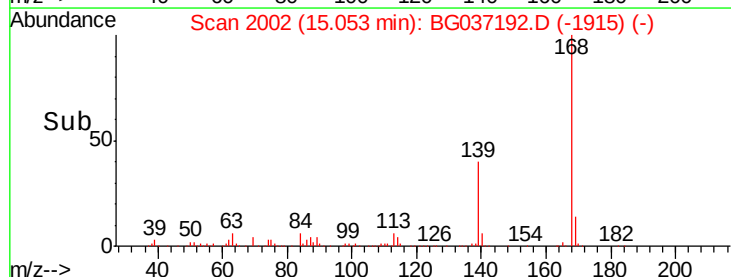
169 13.6 11.1 16.7

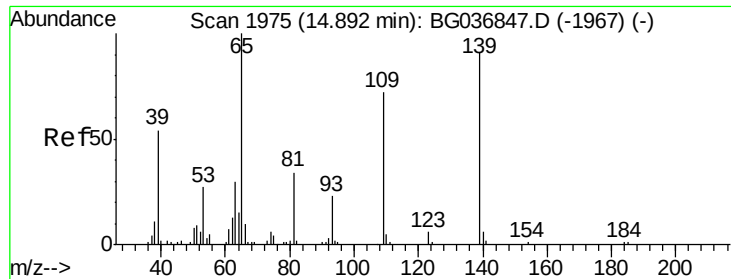


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 99.325 ng

RT: 14.88 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB113546BS

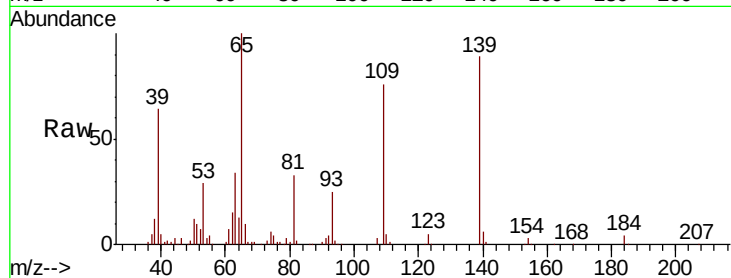
Tot Ion:139 Resp: 151136

Ion Ratio Lower Upper

139 100

109 85.1 63.9 103.9

65 112.3 90.0 130.0

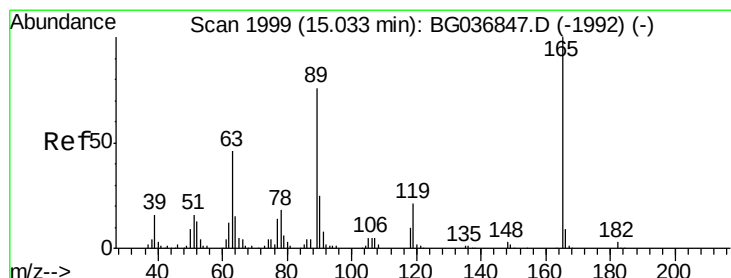
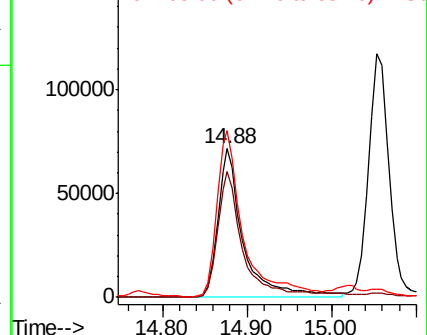
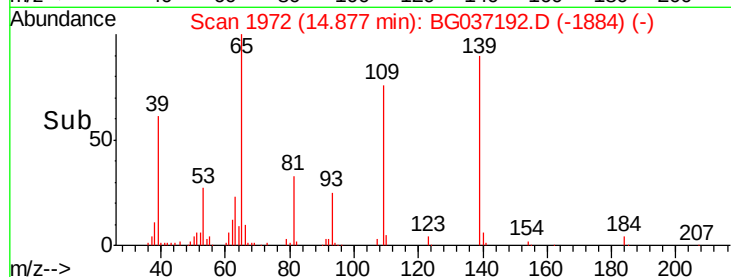


Abundance

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: 43.949 ng

RT: 15.02 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Tgt Ion:165 Resp: 138619

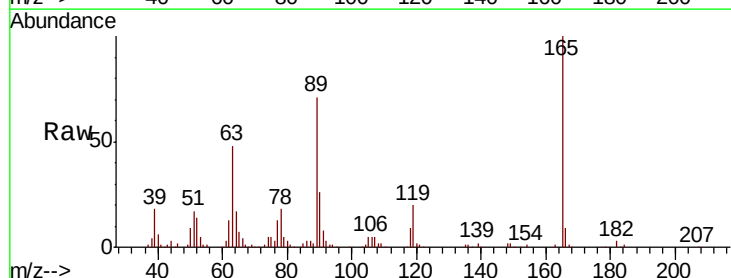
Ion Ratio Lower Upper

165 100

63 47.6 40.1 60.1

89 71.3 63.7 95.5

182 3.1 2.5 3.7



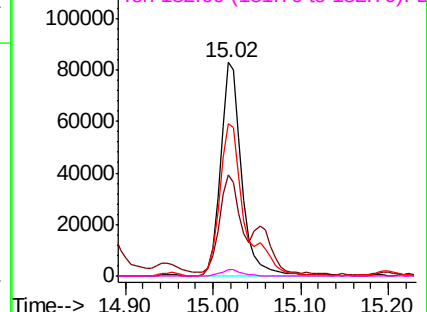
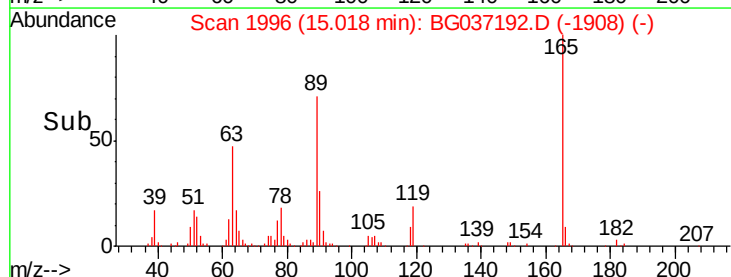
Abundance

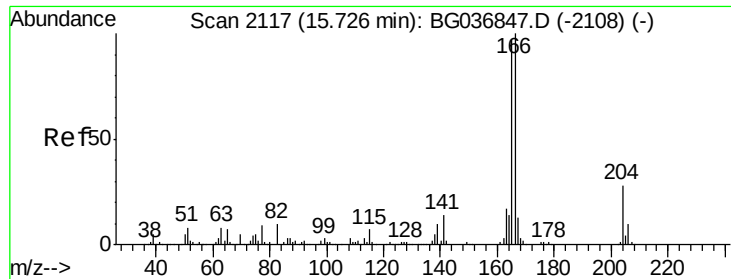
Ion 165.00 (164.70 to 165.70): E

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

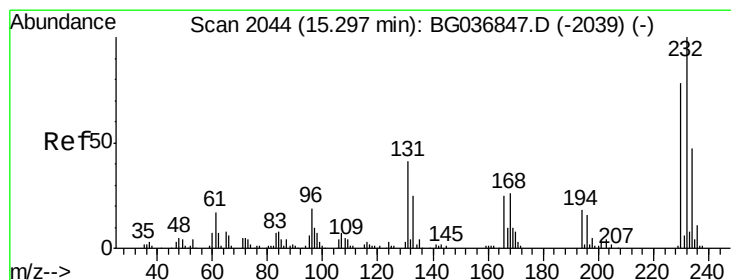
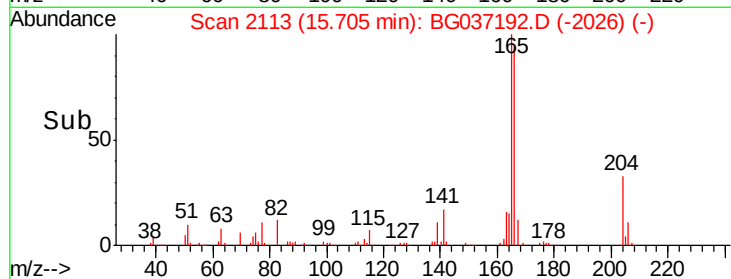
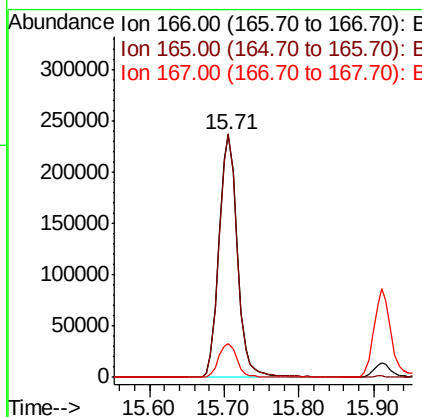
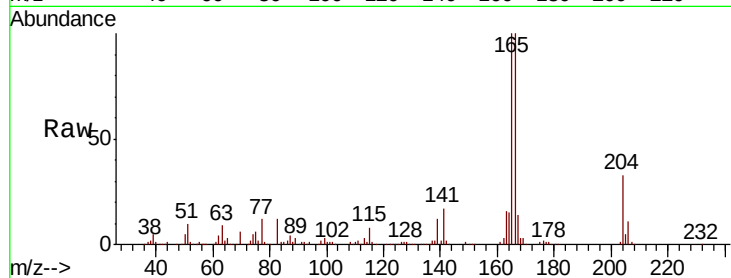




#57
Fluorene
Concen: 43.708 ng
RT: 15.71 min Scan# 2113
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

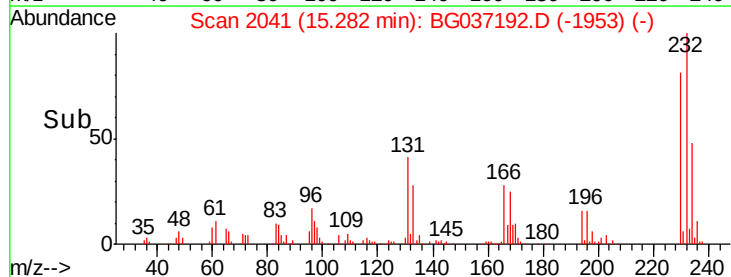
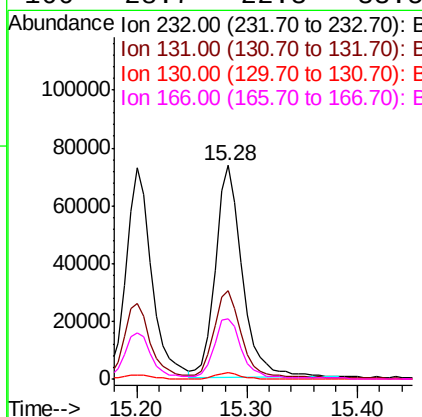
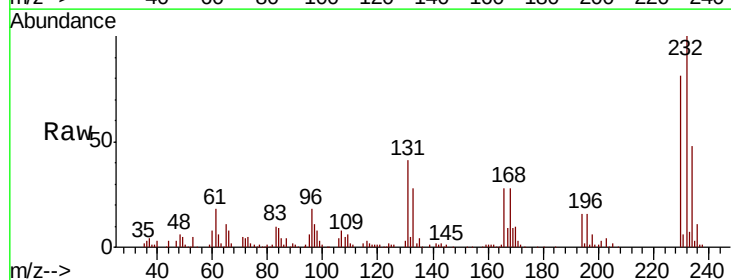
Instrument :
BNA_G
ClientSampleId :
PB113546BS

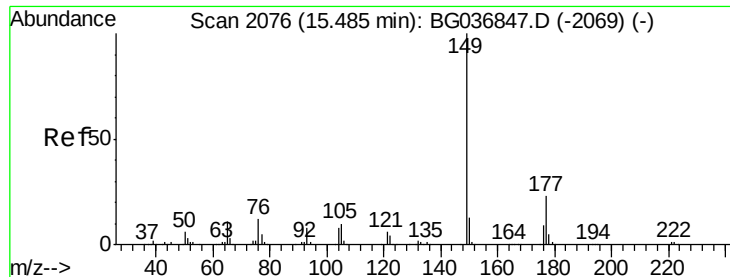
Tot Ion:166 Resp: 405675
Ion Ratio Lower Upper
166 100
165 100.3 77.0 115.4
167 14.0 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 46.240 ng
RT: 15.28 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion:232 Resp: 124685
Ion Ratio Lower Upper
232 100
131 42.9 33.8 50.8
130 2.4 2.1 3.1
166 28.7 22.3 33.5





#59

Diethylphthalate

Concen: 41.410 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB113546BS

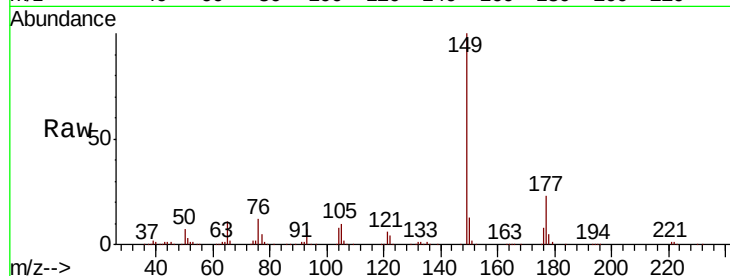
Tot Ion:149 Resp: 432694

Ion Ratio Lower Upper

149 100

177 23.0 19.1 28.7

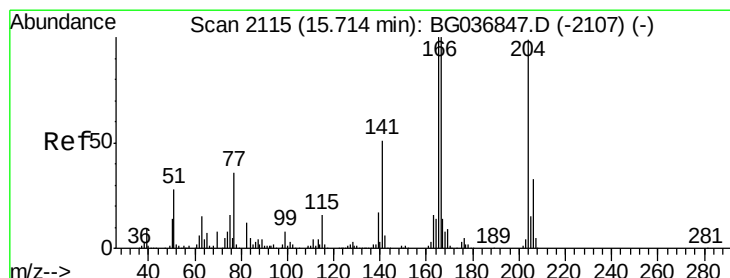
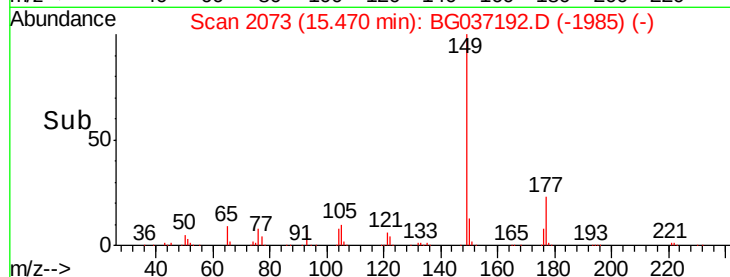
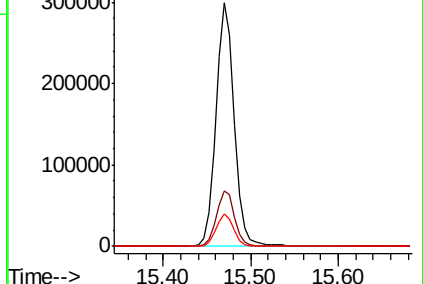
150 13.1 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.862 ng

RT: 15.69 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

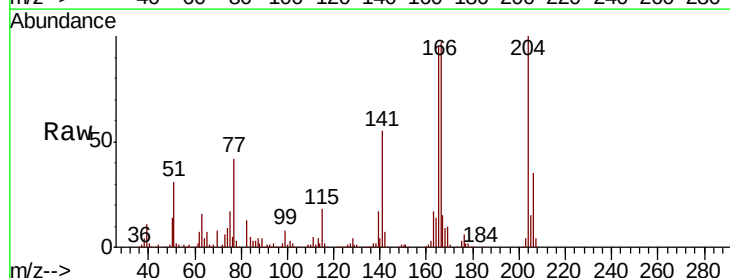
Tgt Ion:204 Resp: 222548

Ion Ratio Lower Upper

204 100

206 35.1 27.0 40.4

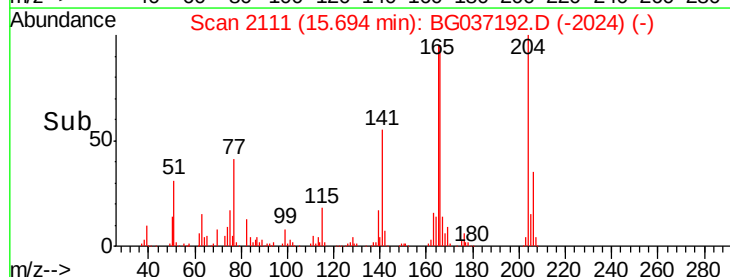
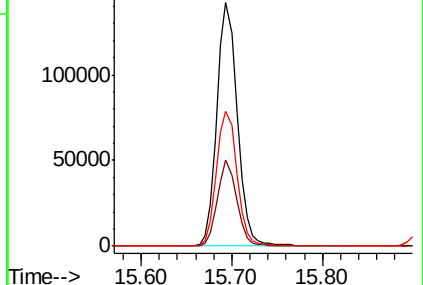
141 55.1 43.8 65.6

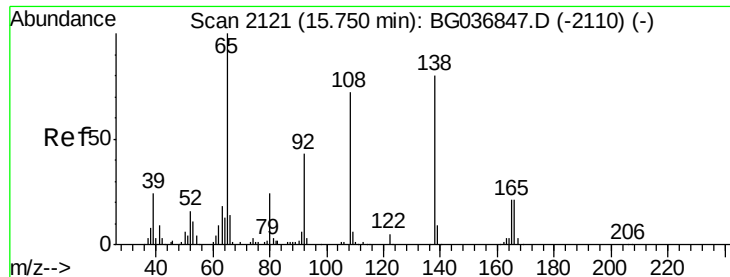


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.531 ng

RT: 15.73 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB113546BS

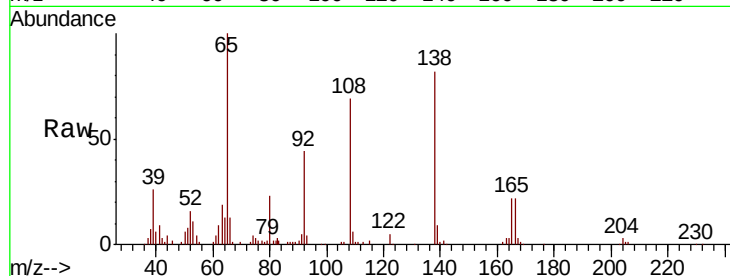
Tot Ion:138 Resp: 106557

Ion Ratio Lower Upper

138 100

92 53.4 38.5 78.5

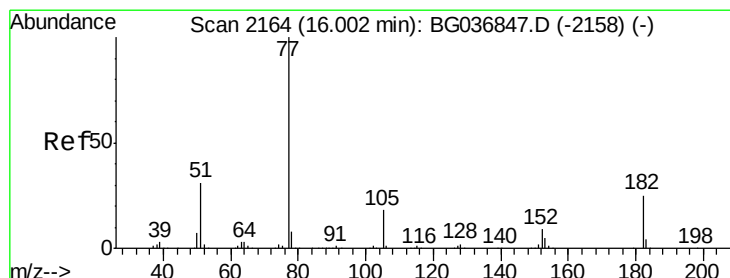
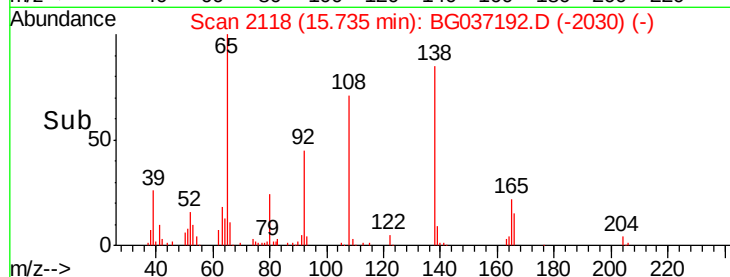
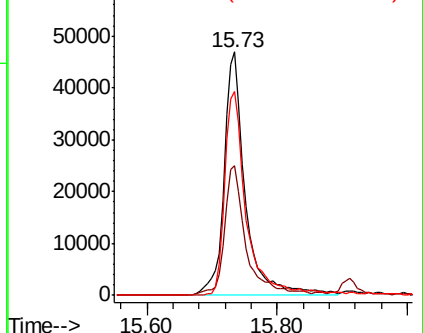
108 83.7 70.3 110.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.229 ng

RT: 15.99 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Tgt Ion: 77 Resp: 444059

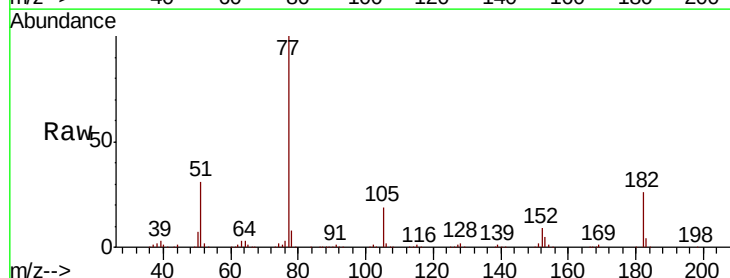
Ion Ratio Lower Upper

77 100

182 25.7 6.7 46.7

105 19.2 0.0 39.8

51 30.9 12.4 52.4

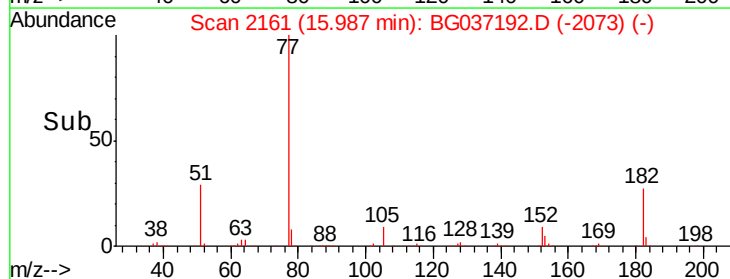
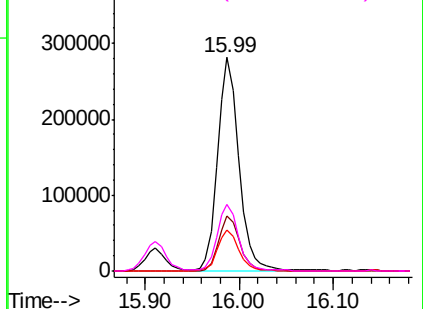


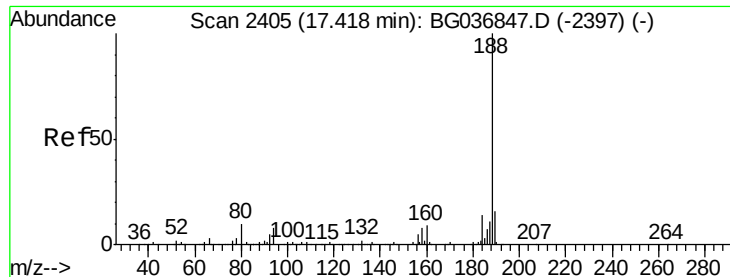
Abundance Ion 77.00 (76.70 to 77.70): BG

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: 17.40 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB113546BS

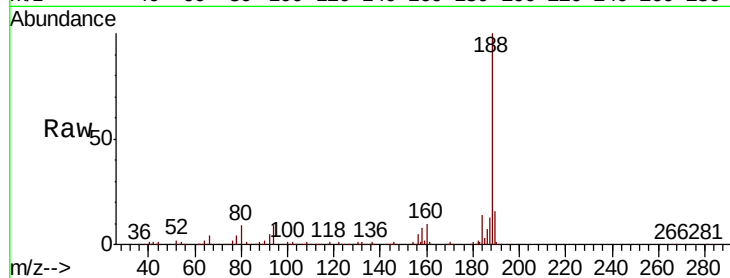
Tot Ion:188 Resp: 339641

Ion Ratio Lower Upper

188 100

94 8.8 6.7 10.1

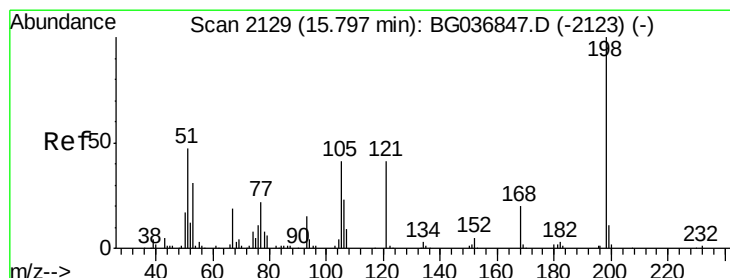
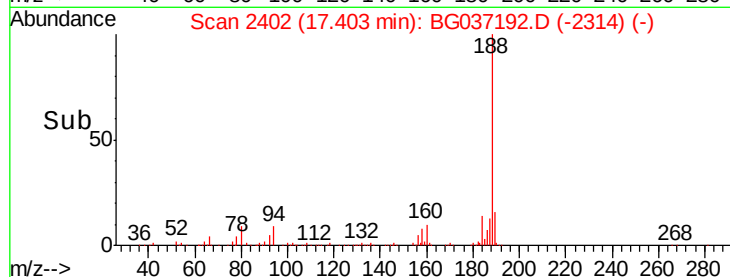
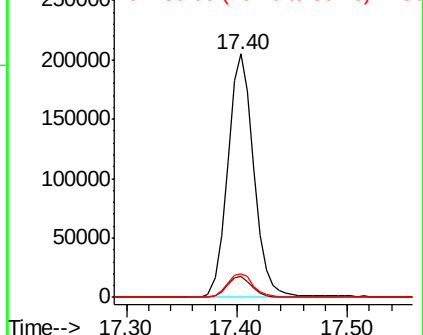
80 9.4 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 43.117 ng

RT: 15.79 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

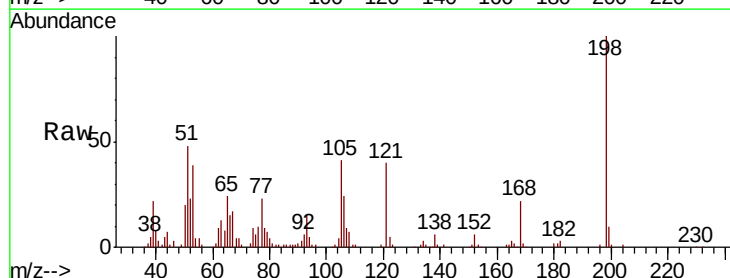
Tgt Ion:198 Resp: 76562

Ion Ratio Lower Upper

198 100

51 47.5 26.5 66.5

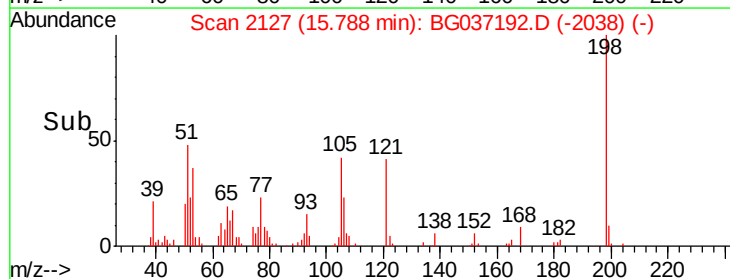
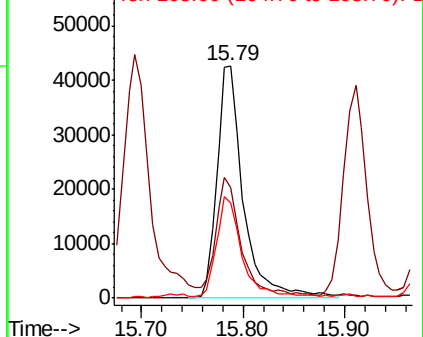
105 40.8 20.2 60.2

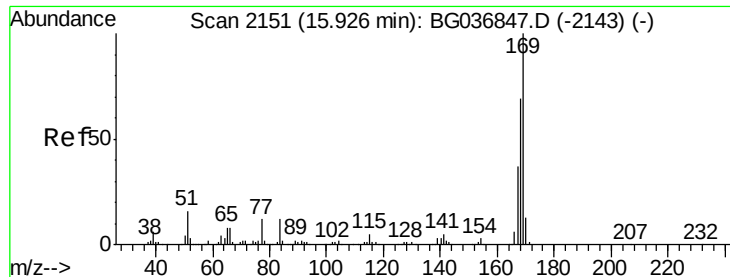


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

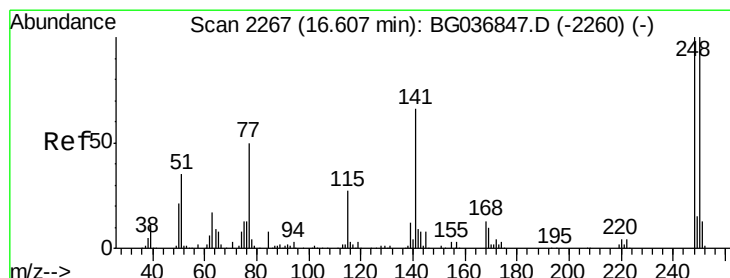
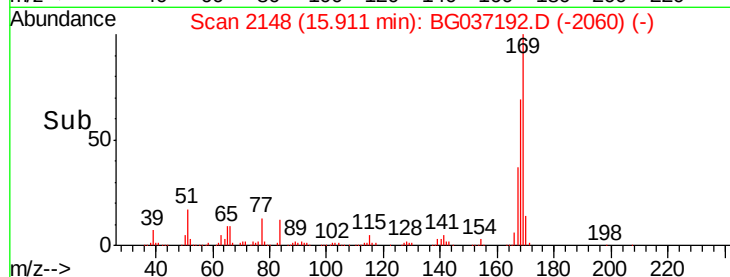
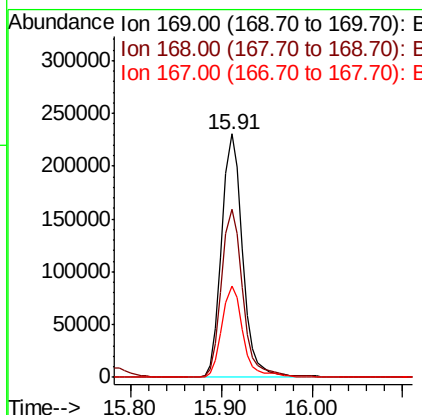
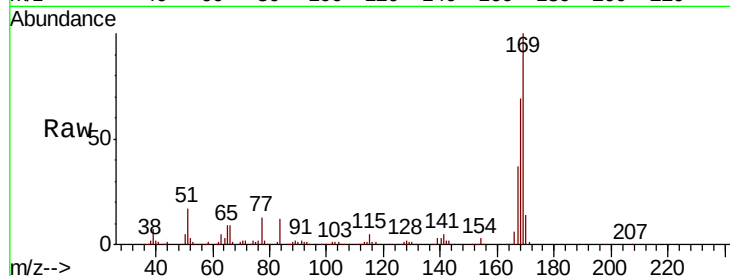




#65
 n-Nitrosodiphenylamine
 Concen: 39.761 ng
 RT: 15.91 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

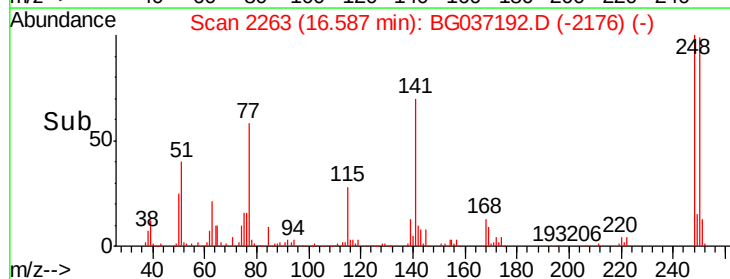
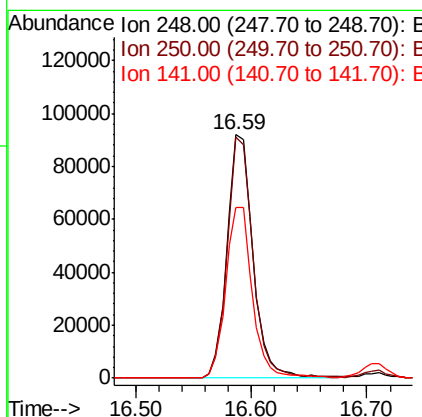
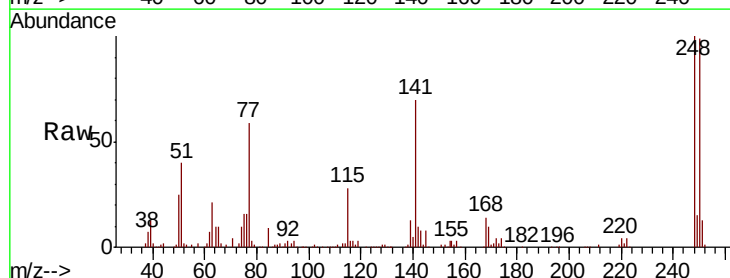
Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

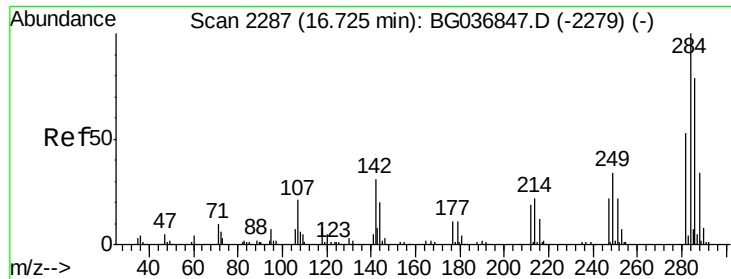
Tot Ion:169 Resp: 372822
 Ion Ratio Lower Upper
 169 100
 168 68.9 57.6 86.4
 167 37.4 31.0 46.4



#66
 4-Bromophenyl-phenylether
 Concen: 37.242 ng
 RT: 16.59 min Scan# 2263
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Tgt Ion:248 Resp: 143874
 Ion Ratio Lower Upper
 248 100
 250 99.1 78.1 117.1
 141 70.0 53.7 80.5

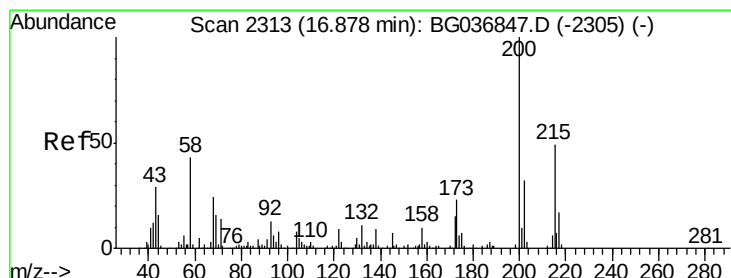
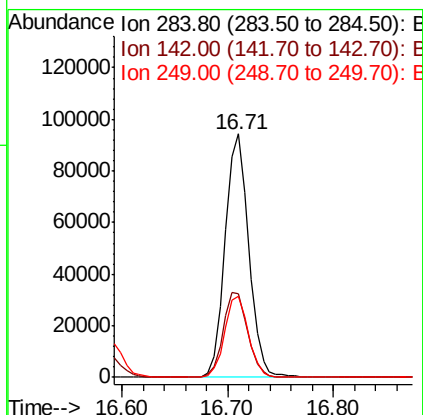
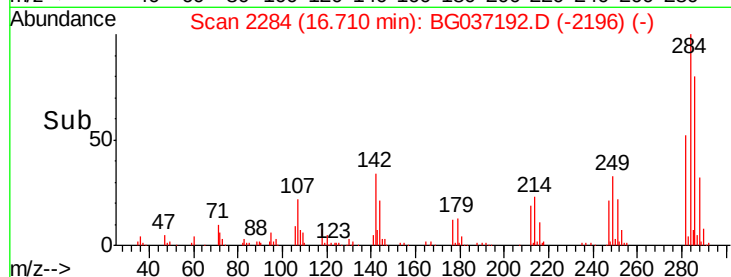
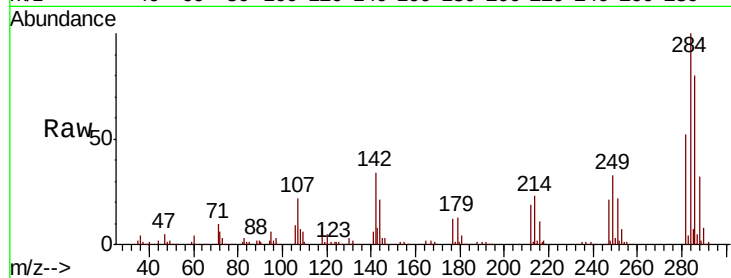




#67
Hexachlorobenzene
Concen: 36.734 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

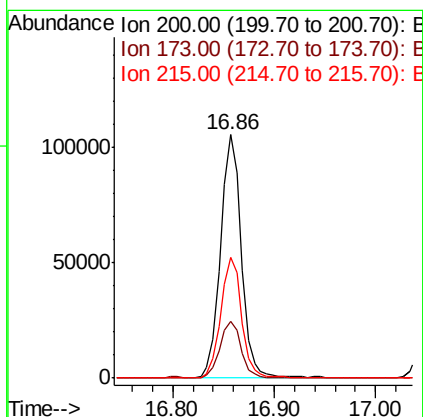
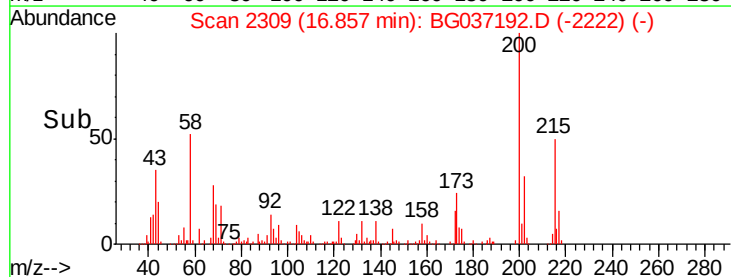
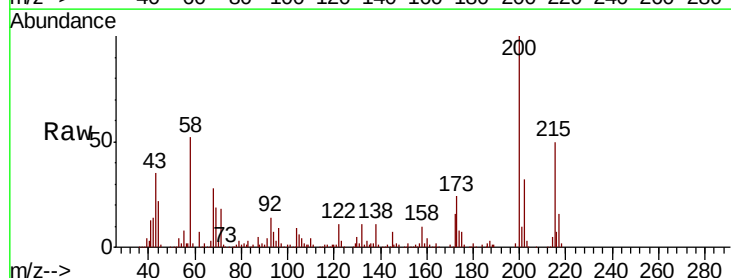
Instrument :
BNA_G
ClientSampleId :
PB113546BS

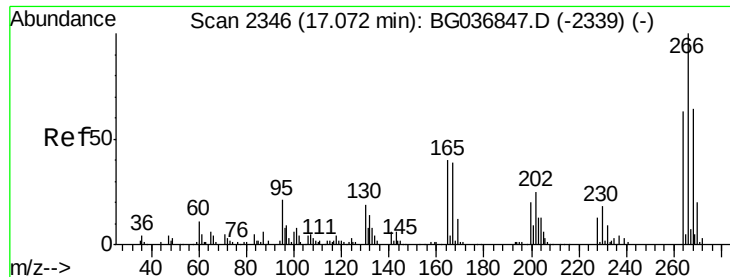
Tot Ion:284 Resp: 146160
Ion Ratio Lower Upper
284 100
142 34.5 27.8 41.6
249 33.3 27.4 41.2



#68
Atrazine
Concen: 39.891 ng
RT: 16.86 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion:200 Resp: 151452
Ion Ratio Lower Upper
200 100
173 23.5 3.9 43.9
215 49.8 30.4 70.4





#69

Pentachlorophenol

Concen: 67.305 ng

RT: 17.05 min Scan# 2342

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB113546BS

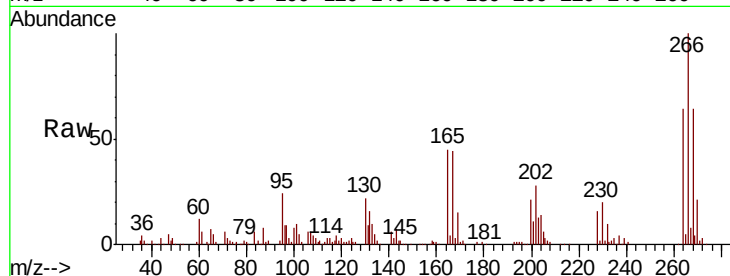
Tot Ion:266 Resp: 168605

Ion Ratio Lower Upper

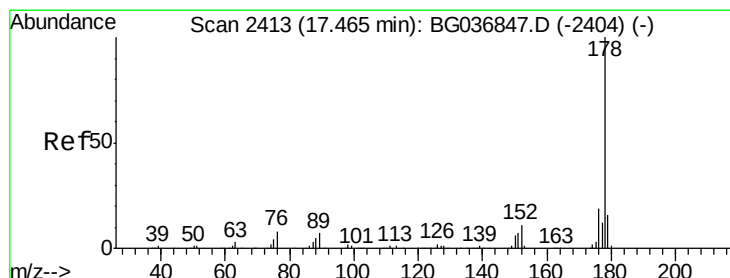
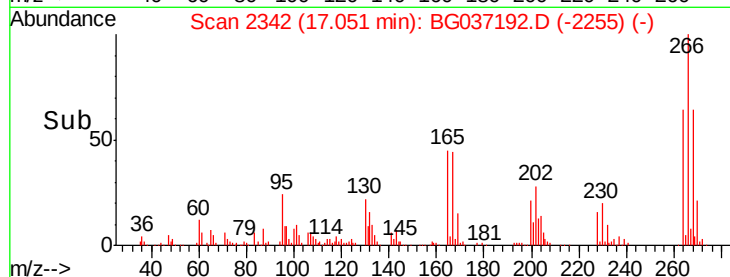
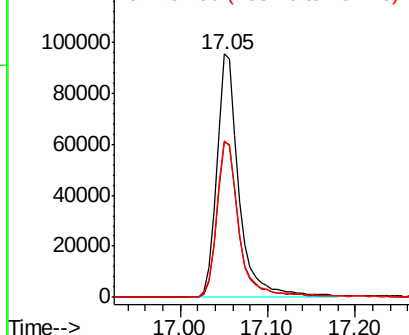
266 100

268 63.9 51.4 77.2

264 64.4 48.9 73.3



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



#70

Phenanthrene

Concen: 42.200 ng

RT: 17.44 min Scan# 2409

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

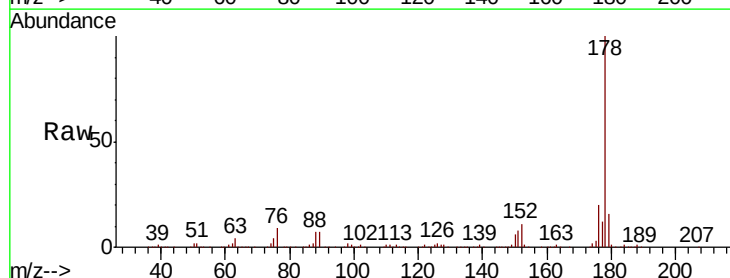
Tgt Ion:178 Resp: 690685

Ion Ratio Lower Upper

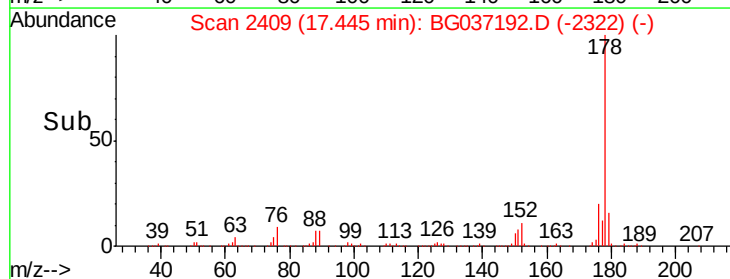
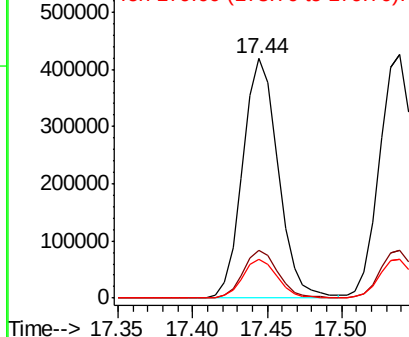
178 100

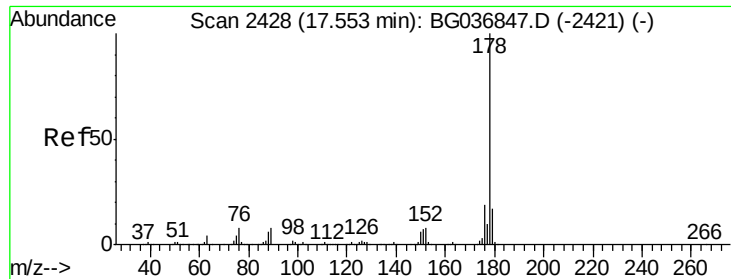
176 20.1 15.4 23.2

179 16.5 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

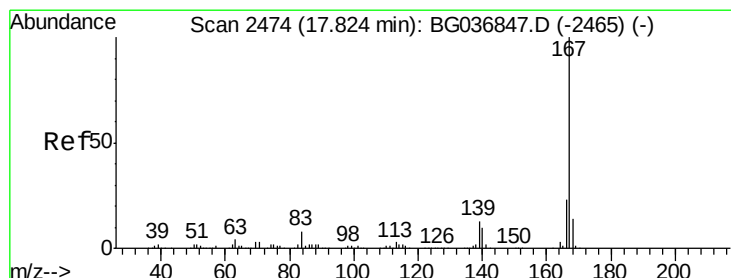
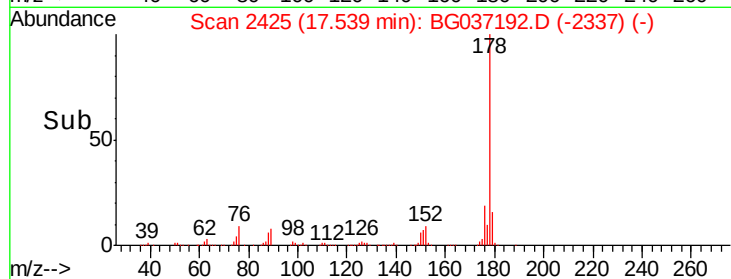
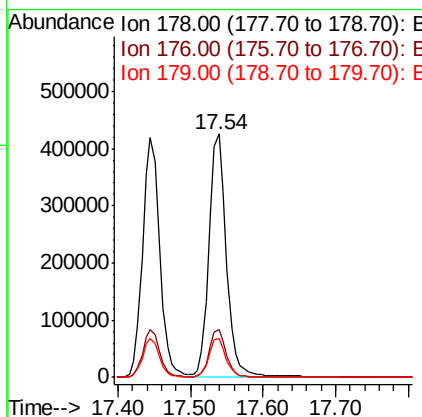
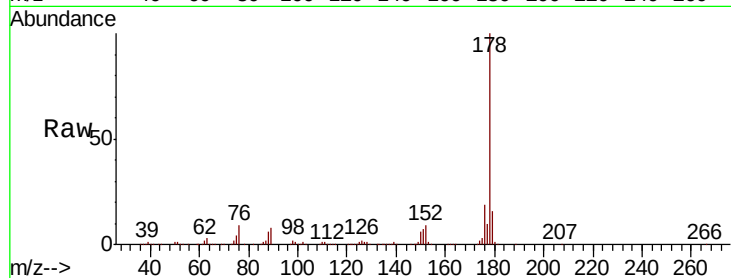




#71
 Anthracene
 Concen: 44.104 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

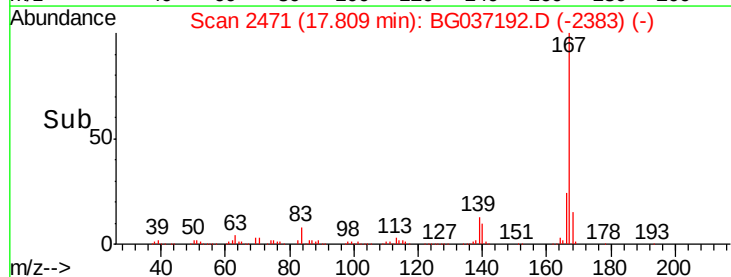
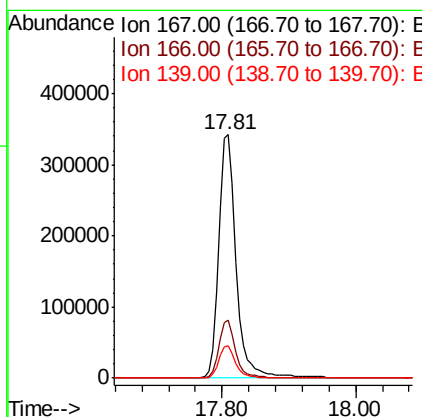
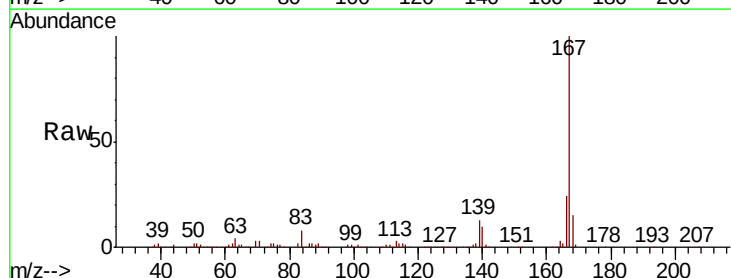
Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

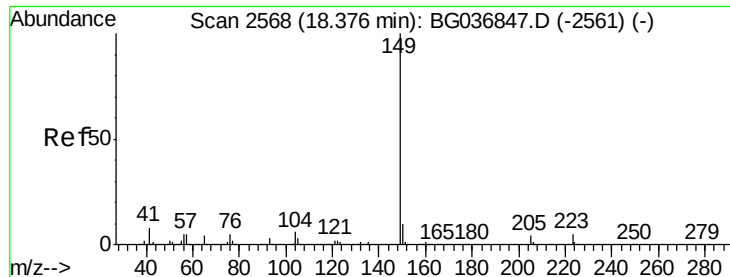
Tot Ion:178 Resp: 713780
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.8 13.0 19.4



#72
 Carbazole
 Concen: 40.168 ng
 RT: 17.81 min Scan# 2471
 Delta R.T. -0.01 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Tgt Ion:167 Resp: 633831
 Ion Ratio Lower Upper
 167 100
 166 23.9 19.5 29.3
 139 13.5 10.7 16.1

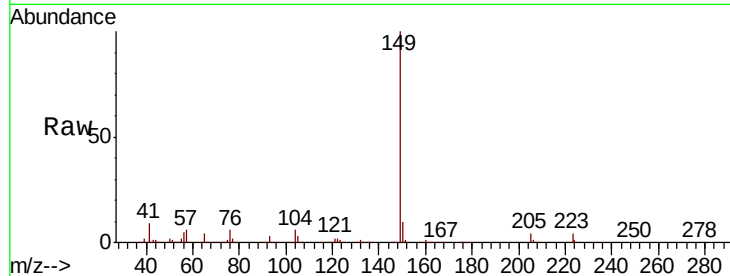




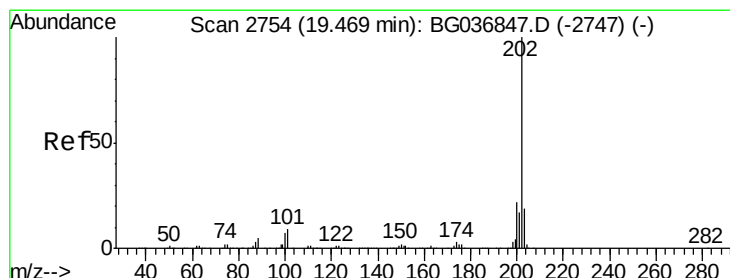
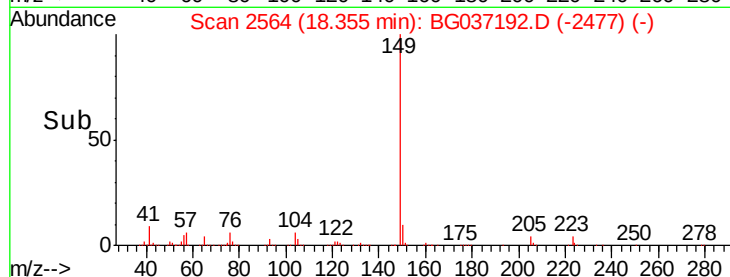
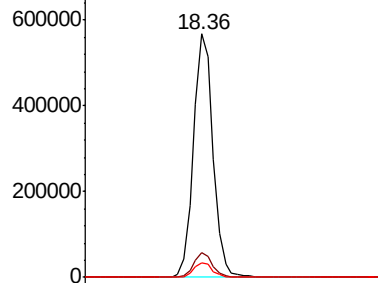
#73
Di-n-butylphthalate
Concen: 43.272 ng
RT: 18.36 min Scan# 2564
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampleId :
PB113546BS

Tot Ion:149 Resp: 758277
Ion Ratio Lower Upper
149 100
150 10.0 8.1 12.1
104 6.0 4.6 6.8

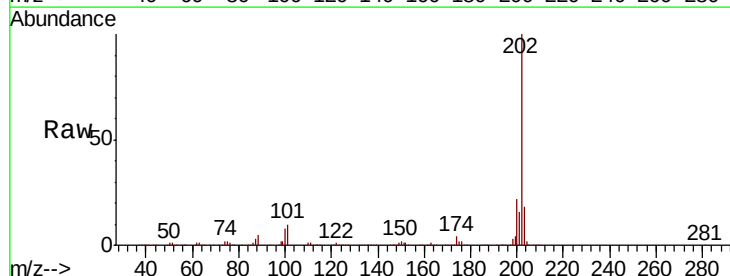


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

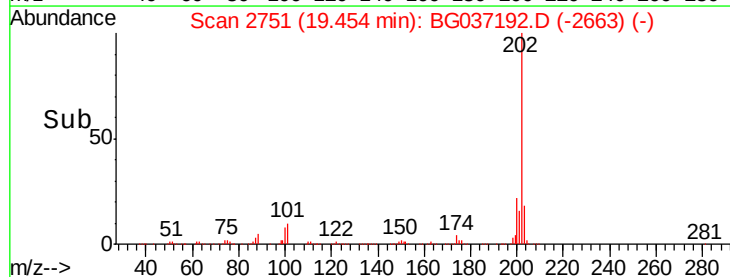
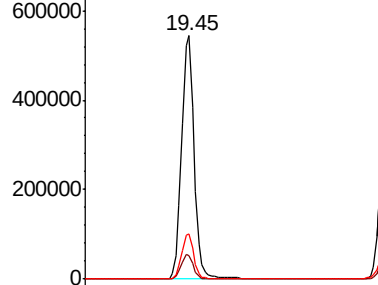


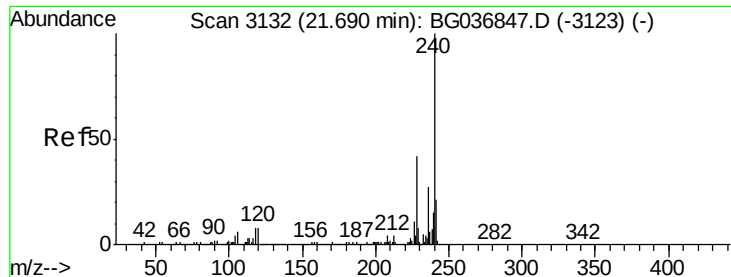
#74
Fluoranthene
Concen: 42.875 ng
RT: 19.45 min Scan# 2751
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion:202 Resp: 844708
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.4
203 18.4 0.0 38.9



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB113546BS

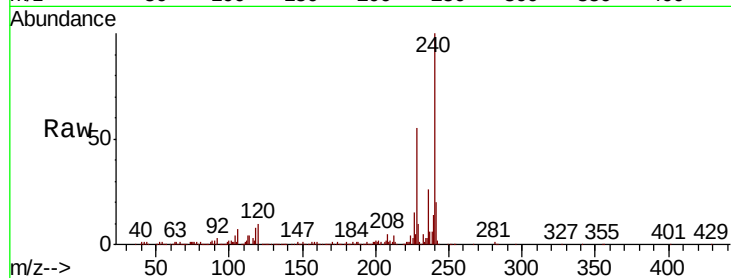
Tot Ion:240 Resp: 342324

Ion Ratio Lower Upper

240 100

120 9.8 6.9 10.3

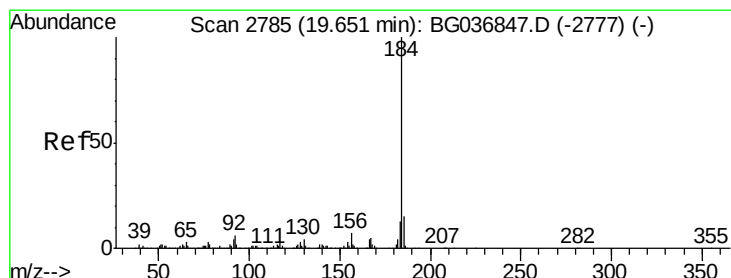
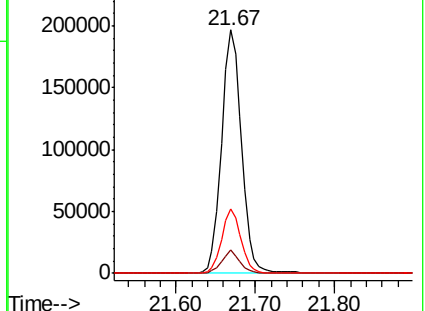
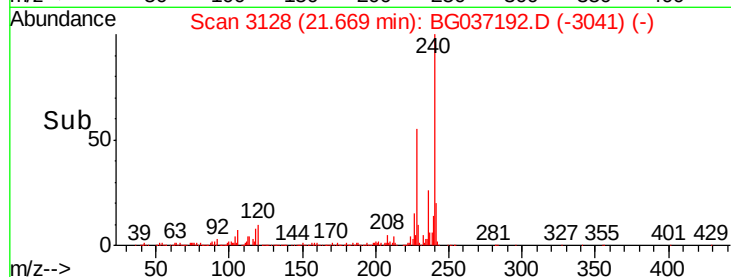
236 26.3 21.2 31.8



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: 29.838 ng

RT: 19.64 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

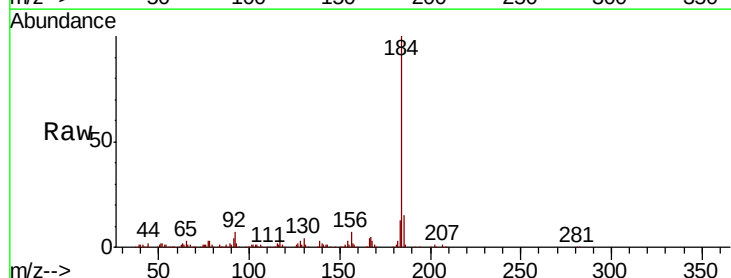
Tgt Ion:184 Resp: 308773

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

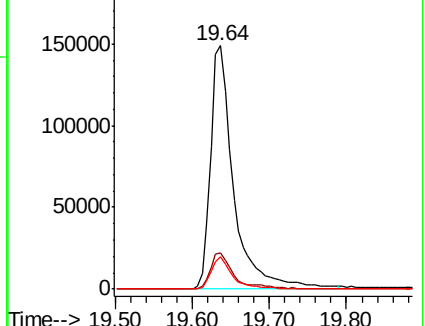
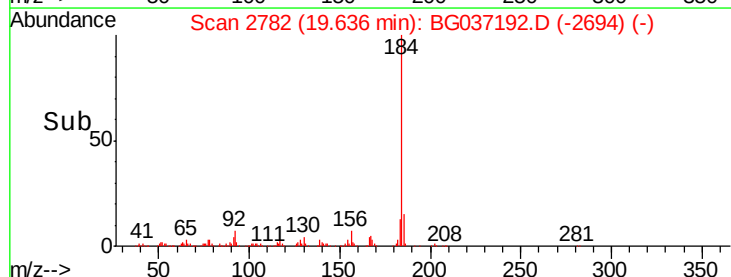
183 13.1 10.9 16.3

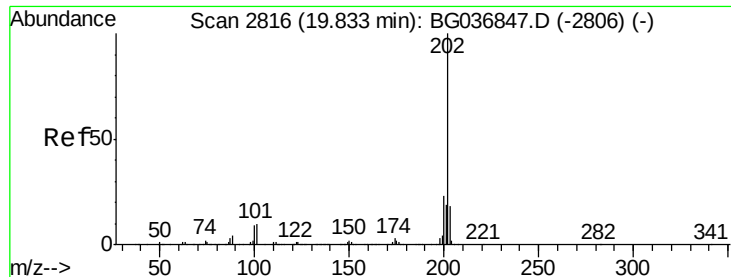


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

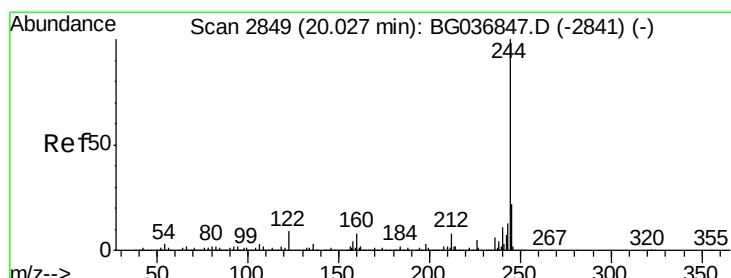
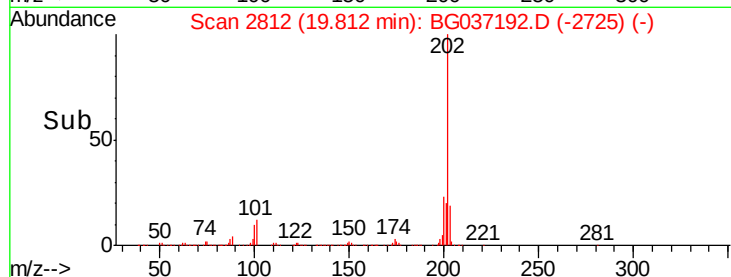
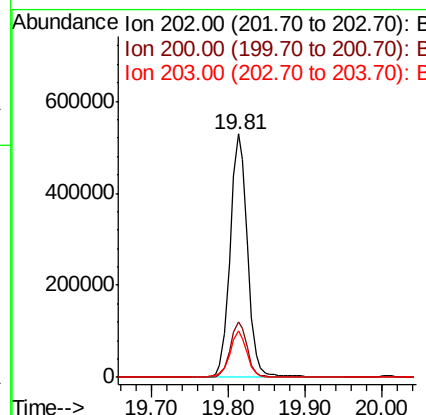
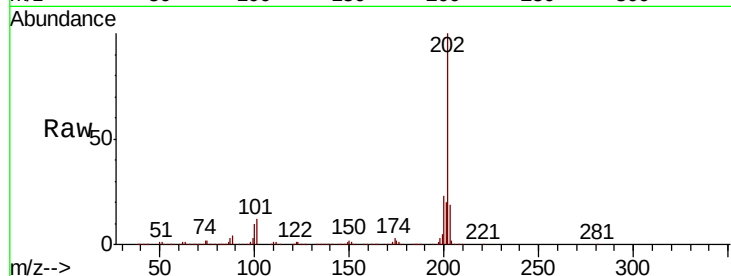




#77
Pvrene
Concen: 40.346 ng
RT: 19.81 min Scan# 2812
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

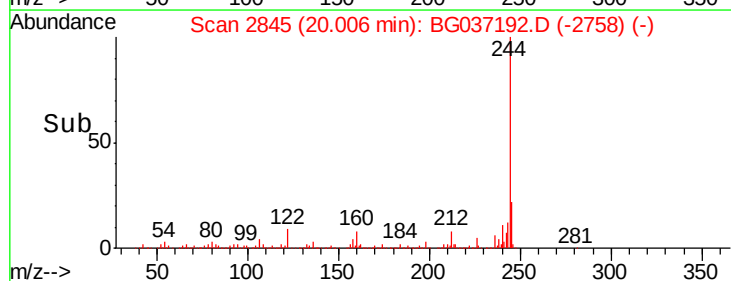
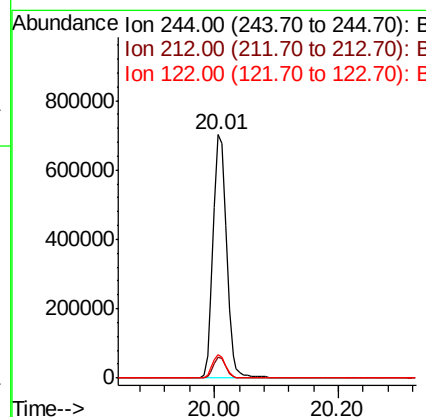
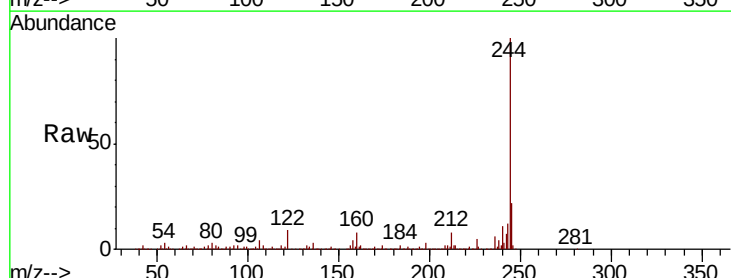
Instrument :
BNA_G
ClientSampleId :
PB113546BS

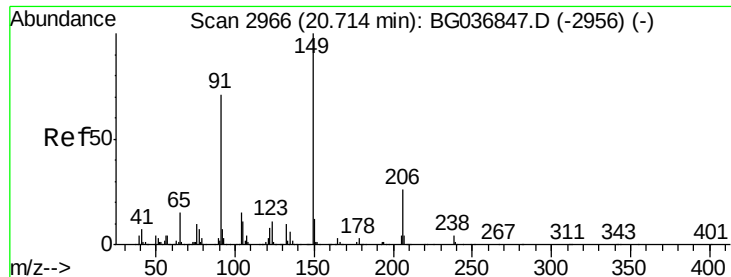
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.3	27.5
203	19.2	15.1	22.7



#78
Terphenyl-d14
Concen: 80.492 ng
RT: 20.01 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	9.4	7.1	10.7

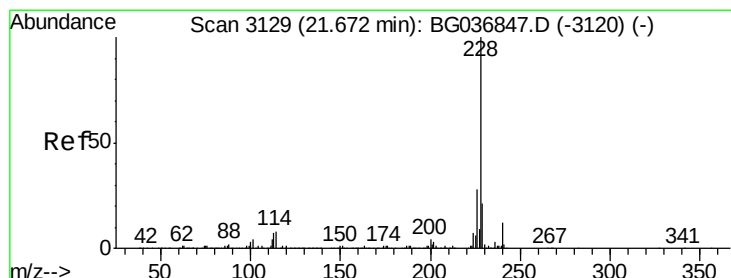
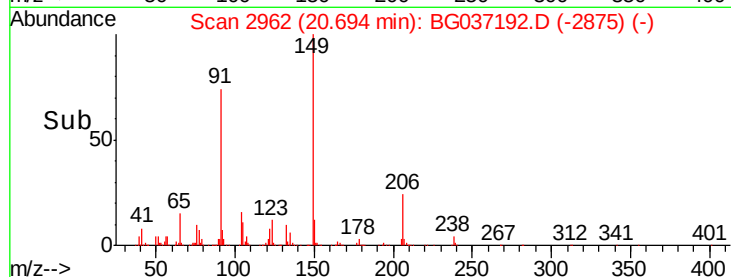
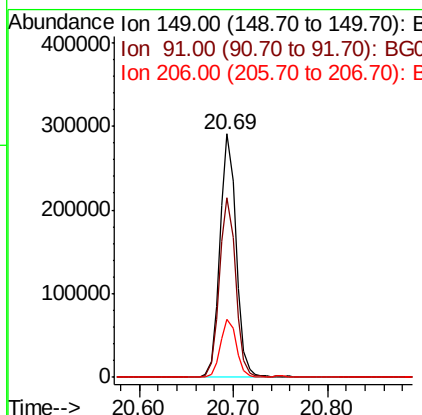
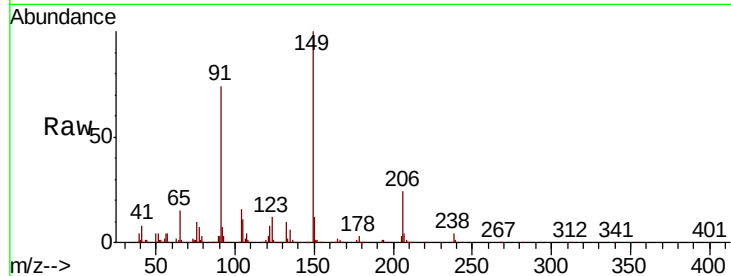




#79
Butylbenzylphthalate
Concen: 43.059 ng
RT: 20.69 min Scan# 2962
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

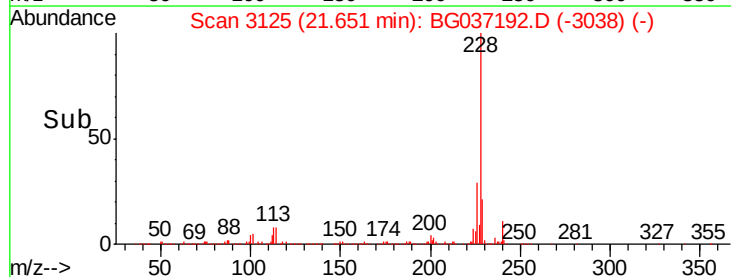
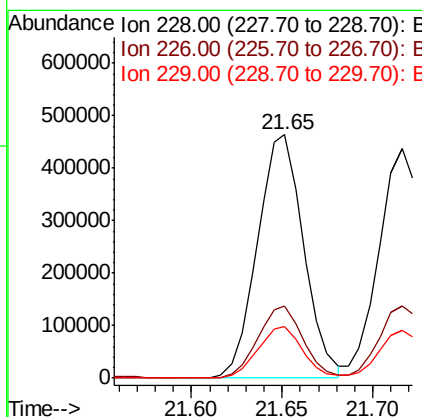
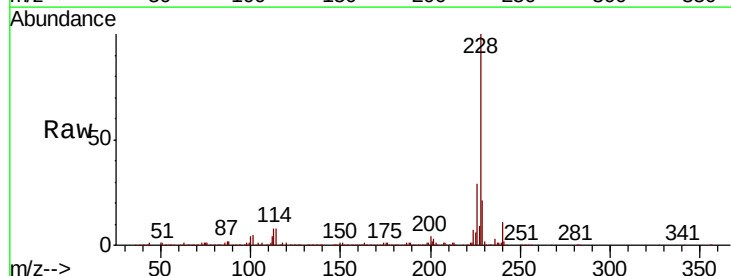
Instrument :
BNA_G
ClientSampleId :
PB113546BS

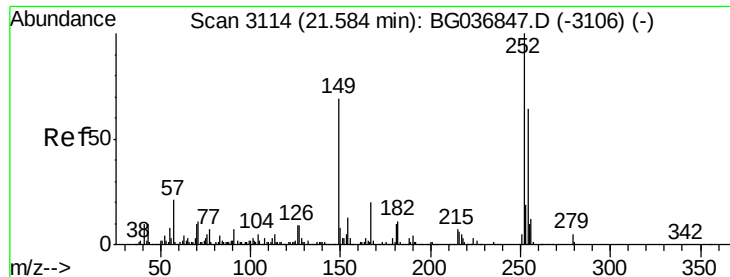
Tot Ion:149 Resp: 352571
Ion Ratio Lower Upper
149 100
91 73.8 62.0 93.0
206 23.8 19.6 29.4



#80
Benzo(a)anthracene
Concen: 41.089 ng
RT: 21.65 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion:228 Resp: 821073
Ion Ratio Lower Upper
228 100
226 29.4 23.4 35.2
229 21.0 17.1 25.7

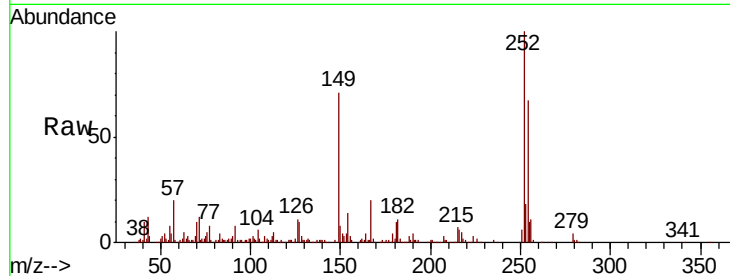




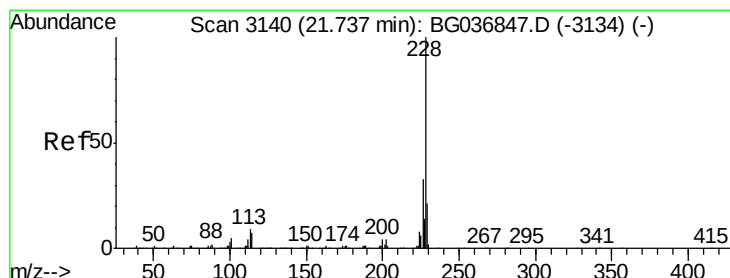
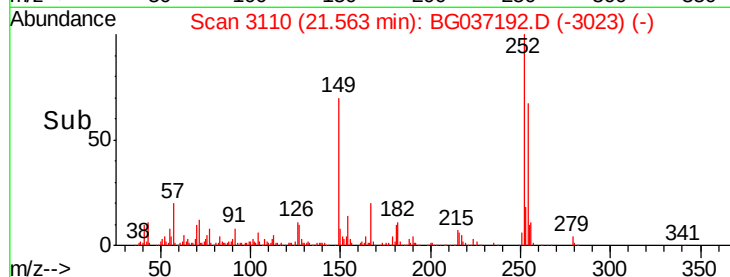
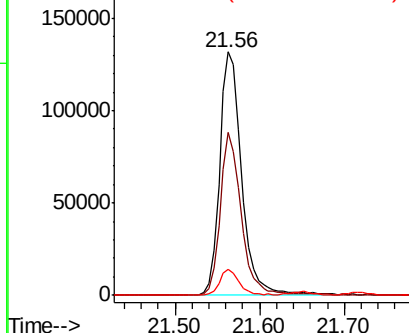
#81
 3,3'-Dichlorobenzidine
 Concen: 31.417 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

Tot Ion:252 Resp: 238970
 Ion Ratio Lower Upper
 252 100
 254 66.7 51.0 76.4
 126 10.8 7.4 11.0

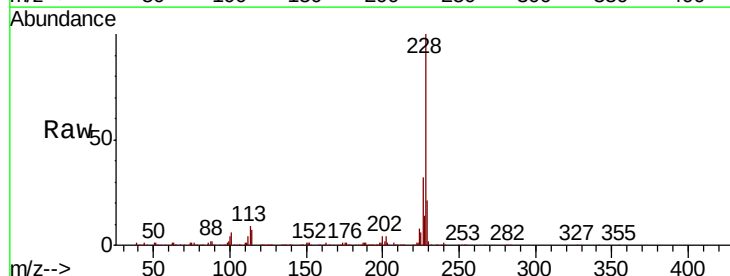


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

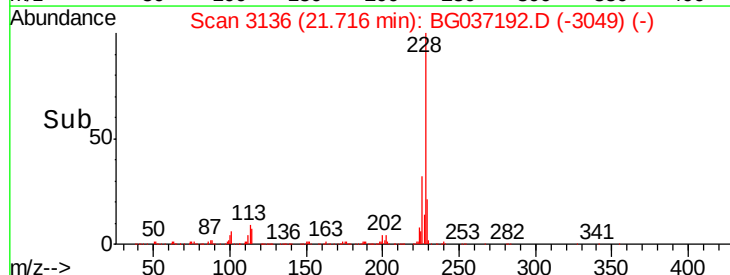
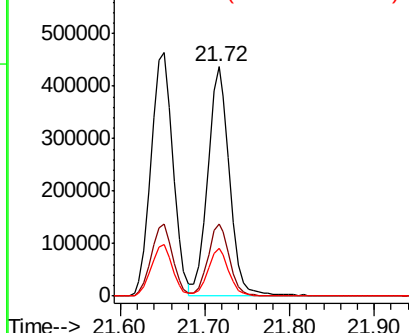


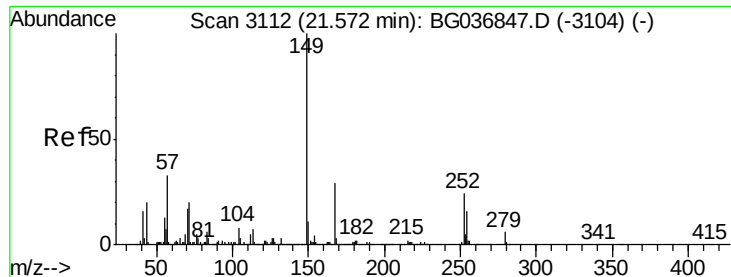
#82
 Chrysene
 Concen: 40.669 ng
 RT: 21.72 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Tgt Ion:228 Resp: 785222
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.5 38.3
 229 20.7 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

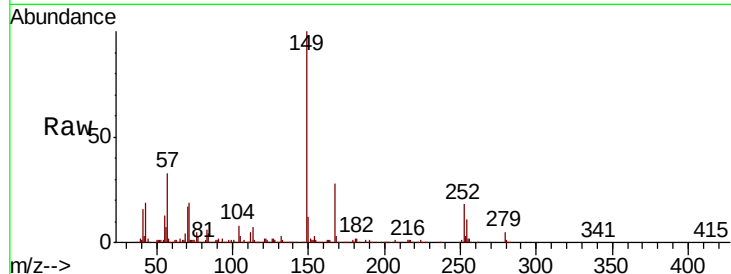




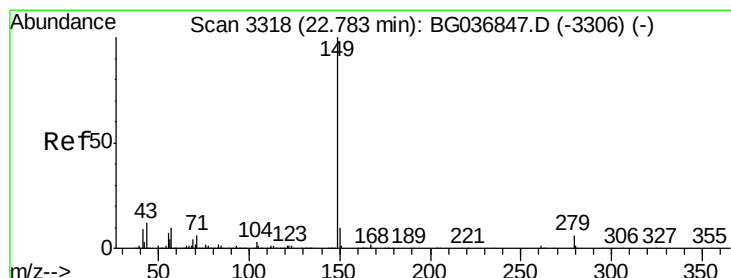
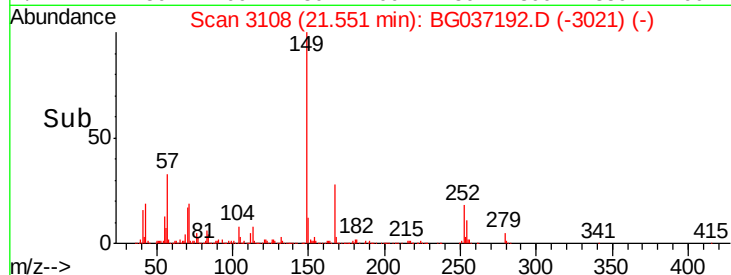
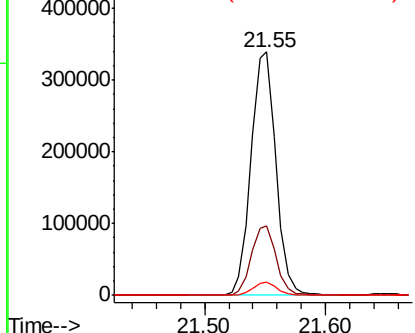
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.718 ng
 RT: 21.55 min Scan# 3108
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

Tot Ion:149 Resp: 488631
 Ion Ratio Lower Upper
 149 100
 167 28.5 23.4 35.0
 279 5.5 4.6 7.0

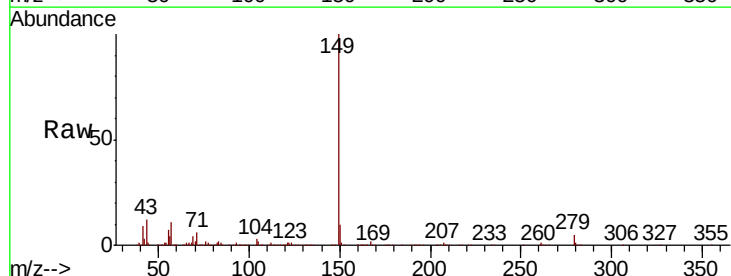


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

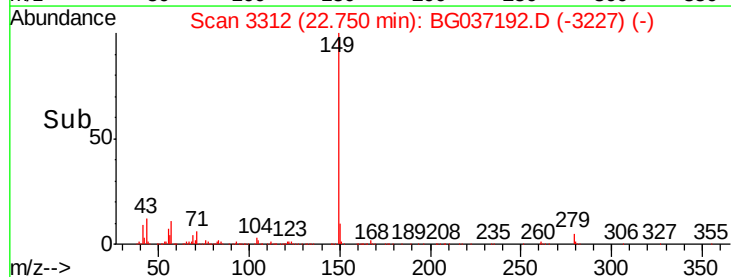
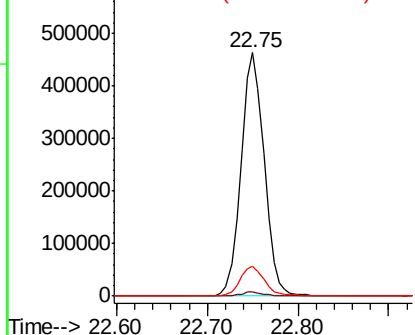


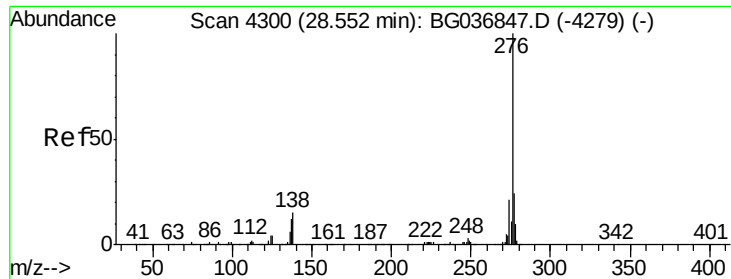
#84
 Di-n-octyl phthalate
 Concen: 43.607 ng
 RT: 22.75 min Scan# 3312
 Delta R.T. -0.03 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Tgt Ion:149 Resp: 821257
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.8 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

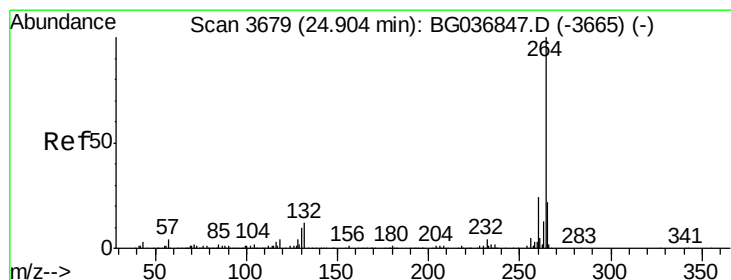
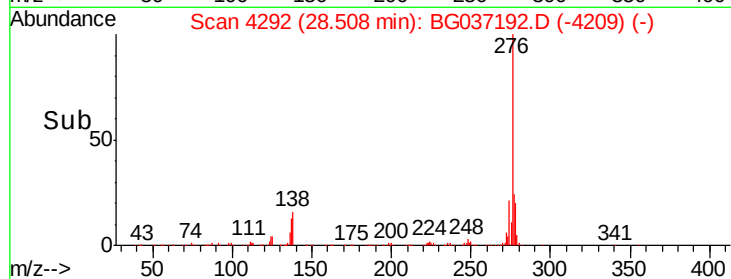
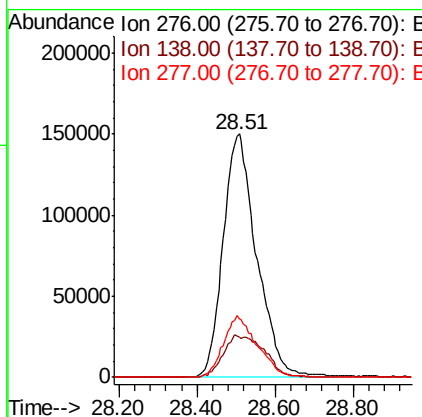
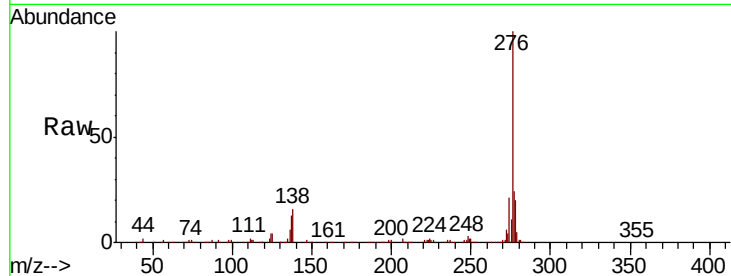




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.346 ng
 RT: 28.51 min Scan# 4292
 Delta R.T. -0.04 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

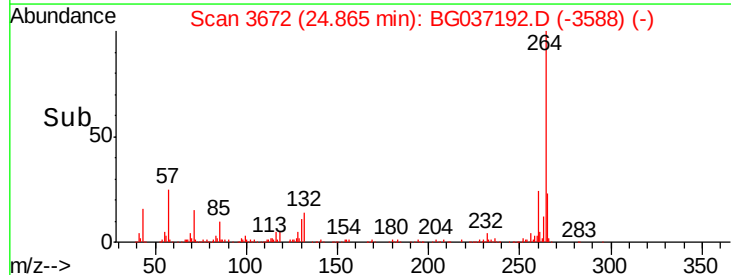
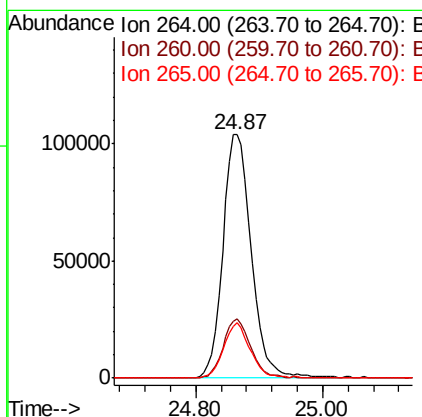
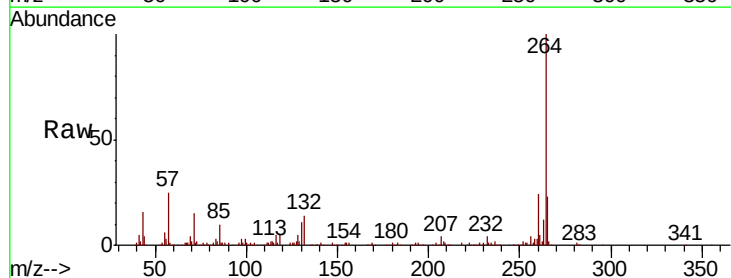
Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

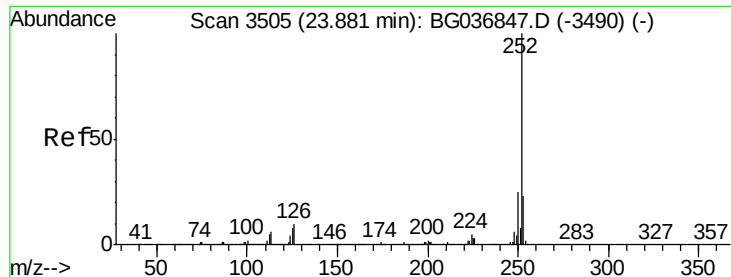
Tot Ion	Ratio	Lower	Upper
276	100		
138	9.5	10.6	15.8#
277	25.5	20.6	30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.87 min Scan# 3672
 Delta R.T. -0.04 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.7	17.4	26.0

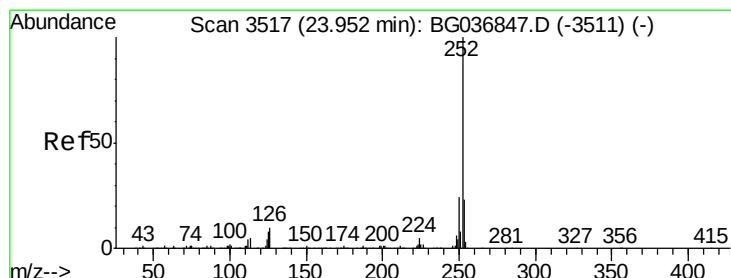
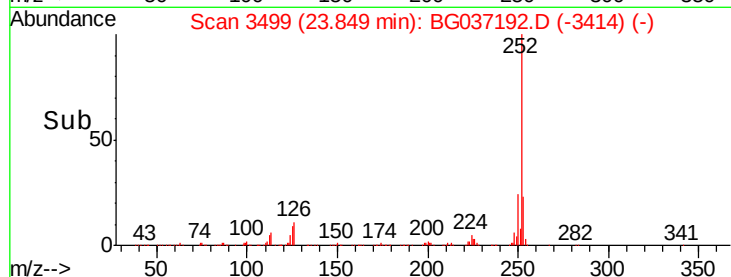
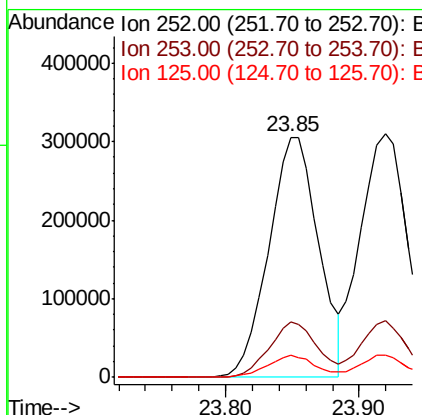
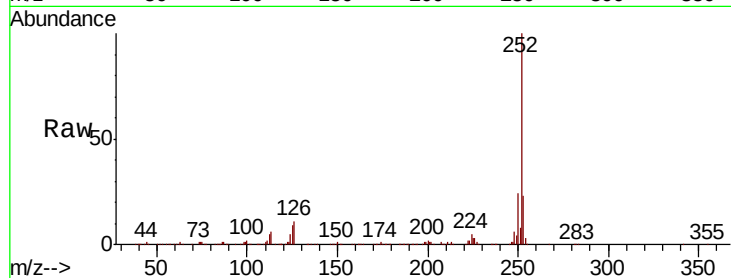




#87
Benzo(b)fluoranthene
Concen: 46.124 ng
RT: 23.85 min Scan# 3499
Delta R.T. -0.03 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

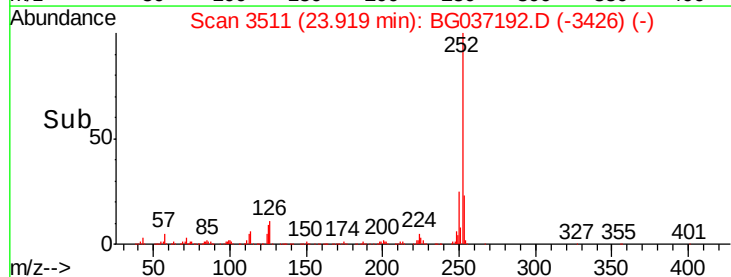
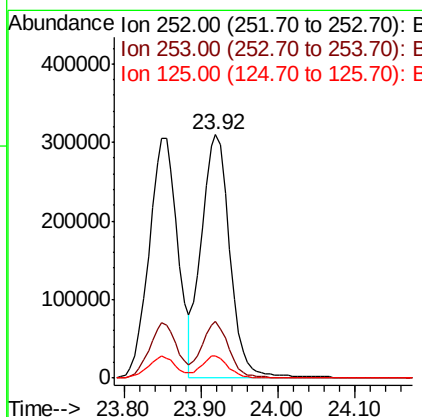
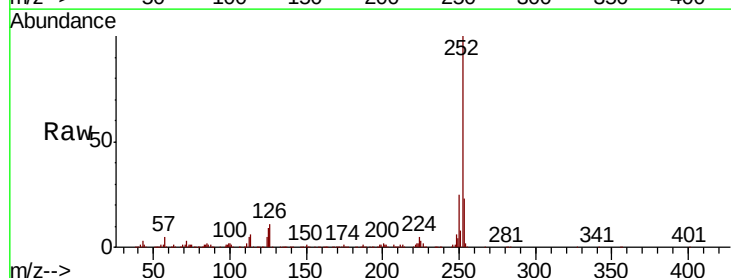
Instrument :
BNA_G
ClientSampleId :
PB113546BS

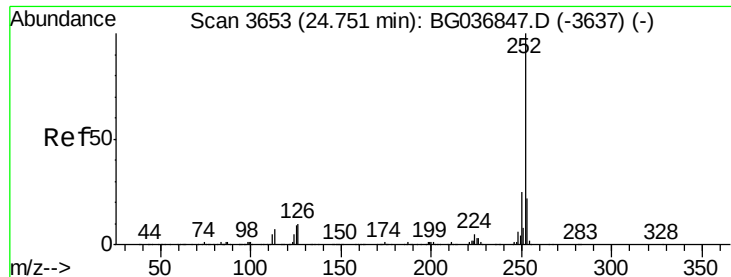
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	9.0	6.6	10.0



#88
Benzo(k)fluoranthene
Concen: 45.369 ng
RT: 23.92 min Scan# 3511
Delta R.T. -0.03 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	8.9	7.0	10.6





#89

Benzo(a)pyrene

Concen: 46.806 ng

RT: 24.71 min Scan# 3646

Delta R.T. -0.04 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB113546BS

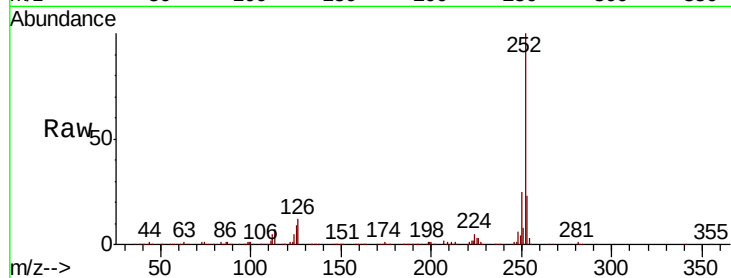
Tot Ion:252 Resp: 778802

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

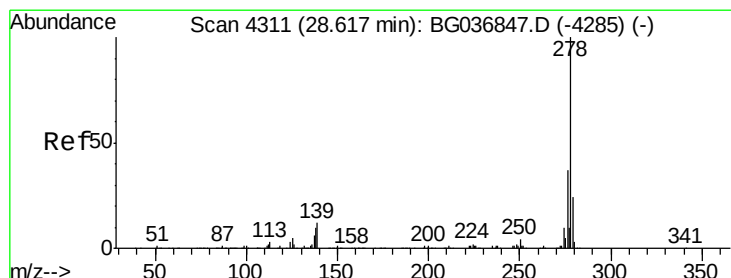
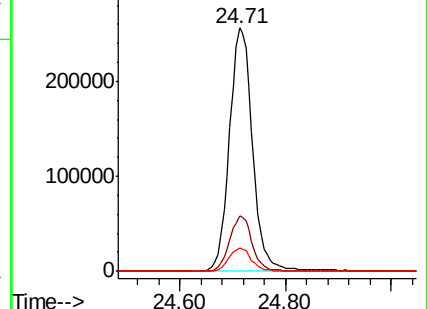
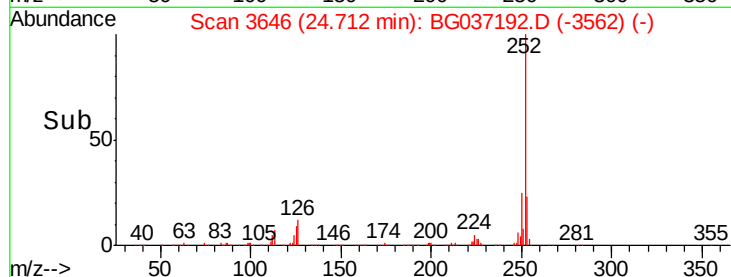
125 9.5 7.3 10.9



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: 47.226 ng

RT: 28.56 min Scan# 4301

Delta R.T. -0.06 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

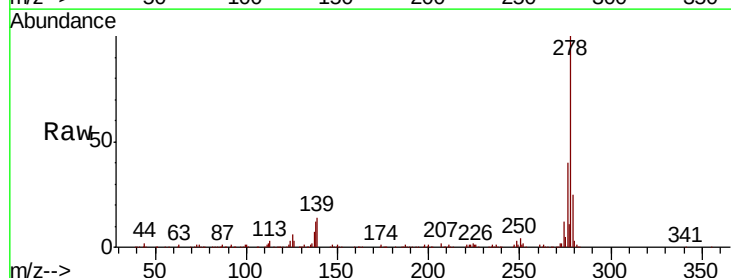
Tgt Ion:278 Resp: 736447

Ion Ratio Lower Upper

278 100

139 13.6 11.0 16.4

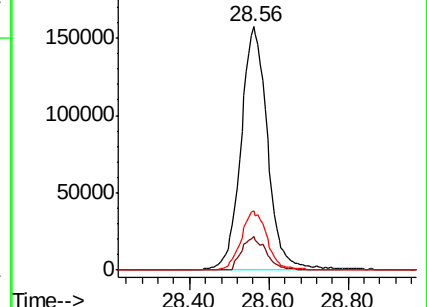
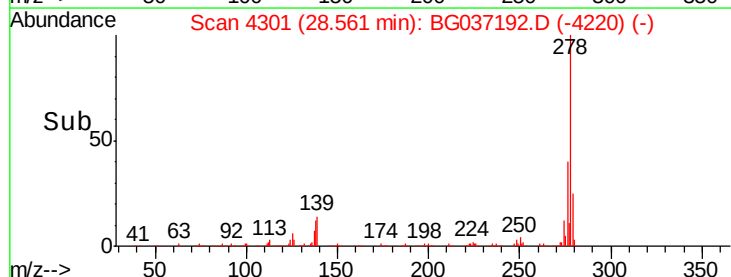
279 24.5 18.7 28.1

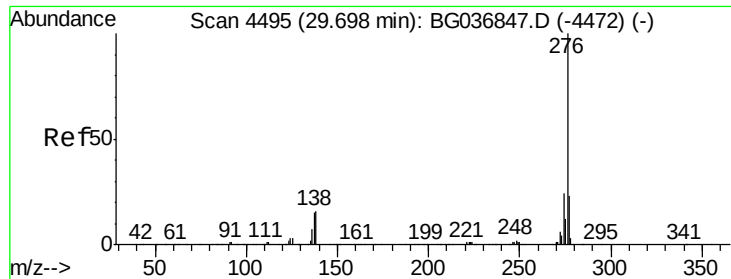


Abundance Ion 278.00 (277.70 to 278.70): E

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: 47.470 ng

RT: 29.65 min Scan# 4486

Delta R.T. -0.05 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB113546BS

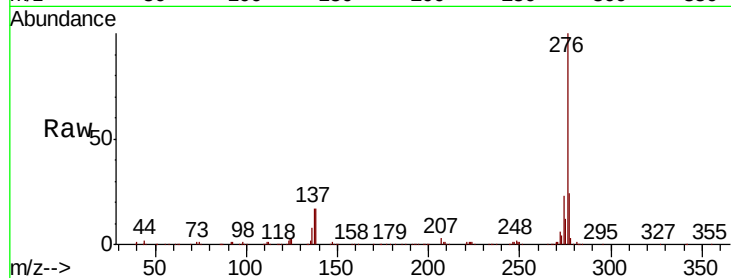
Tot Ion: 276 Resp: 742922

Ion Ratio Lower Upper

276 100

277 24.3 18.4 27.6

138 17.4 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

