

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037187.D
 Acq On : 5 Oct 2018 13:13
 Operator : JU/SJ
 Sample : PB113493BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113493BS

Quant Time: Oct 05 14:28:44 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	39539	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	179322	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	124186	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	326998	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	336427	20.00	ng	-0.02
86) Perylene-d12	24.86	264	323419	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	276923	134.32	ng	-0.01
7) Phenol-d6	7.20	99	382898	120.04	ng	-0.02
23) Nitrobenzene-d5	9.19	82	248135	74.10	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	169835	114.30	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	565218	67.79	ng	-0.02
78) Terphenyl-d14	20.01	244	1013960	79.25	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	40530	42.962	ng	98
3) Pyridine	3.90	79	107582	39.494	ng	96
4) n-Nitrosodimethylamine	3.82	42	63277	52.265	ng	# 96
6) Aniline	7.35	93	138516	33.466	ng	96
8) 2-Chlorophenol	7.59	128	110966	46.354	ng	97
9) Benzaldehyde	7.17	77	50858	24.129	ng	98
10) Phenol	7.22	94	155819	47.332	ng	95
11) bis(2-Chloroethyl)ether	7.45	93	108310	35.568	ng	96
12) 1,3-Dichlorobenzene	7.92	146	116378	39.653	ng	98
13) 1,4-Dichlorobenzene	8.06	146	119792	39.885	ng	99
14) 1,2-Dichlorobenzene	8.38	146	111981	38.474	ng	98
15) Benzyl Alcohol	8.27	79	103877	40.134	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	243119	41.585	ng	99
17) 2-Methylphenol	8.47	107	100121	43.661	ng	97
18) Hexachloroethane	9.11	117	47340	42.832	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	101638	38.302	ng	96
20) 3+4-Methylphenols	8.80	107	144494	45.294	ng	99
22) Acetophenone	8.85	105	173321	41.130	ng	96
24) Nitrobenzene	9.23	77	146850	41.065	ng	99
25) Isophorone	9.76	82	287073	46.918	ng	99
26) 2-Nitrophenol	9.95	139	63308	44.415	ng	98
27) 2,4-Dimethylphenol	10.00	122	112948	50.870	ng	97
28) bis(2-Chloroethoxy)methane	10.24	93	160772	42.583	ng	97
29) 2,4-Dichlorophenol	10.49	162	122552	47.614	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	120946	37.549	ng	99
31) Naphthalene	10.88	128	361402	42.357	ng	99
32) Benzoic acid	10.16	122	55331	34.402	ng	94
33) 4-Chloroaniline	11.00	127	105918	27.303	ng	96
34) Hexachlorobutadiene	11.17	225	80851	36.297	ng	97
35) Caprolactam	11.77	113	27997	26.428	ng	97
36) 4-Chloro-3-methylphenol	12.11	107	147751	48.110	ng	99
37) 2-Methylnaphthalene	12.48	142	282257	43.435	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	155710	35.949	ng	99
40) Hexachlorocyclopentadiene	12.83	237	155642	69.868	ng	100

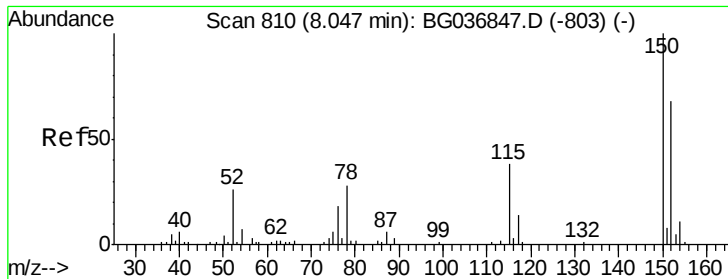
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
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 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	104867	43.599	ng	96
43) 2,4,5-Trichlorophenol	13.17	196	115161	44.902	ng	98
45) 1,1'-Biphenyl	13.49	154	369016	38.799	ng	97
46) 2-Chloronaphthalene	13.53	162	283249	37.870	ng	97
47) 2-Nitroaniline	13.74	65	117218	45.310	ng	98
48) Acenaphthylene	14.38	152	498018	42.491	ng	99
49) Dimethylphthalate	14.11	163	407093	40.725	ng	99
50) 2,6-Dinitrotoluene	14.23	165	90574	41.529	ng	98
51) Acenaphthene	14.72	154	282670	39.905	ng	98
52) 3-Nitroaniline	14.57	138	74101	32.243	ng	97
53) 2,4-Dinitrophenol	14.77	184	80913	79.242	ng	90
54) Dibenzofuran	15.06	168	479290	40.002	ng	100
55) 4-Nitrophenol	14.87	139	144387	98.343	ng	96
56) 2,4-Dinitrotoluene	15.02	165	132385	43.500	ng	94
57) Fluorene	15.70	166	390706	43.628	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	117718	45.246	ng	97
59) Diethylphthalate	15.47	149	419100	41.569	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	212183	37.412	ng	98
61) 4-Nitroaniline	15.73	138	101708	42.073	ng	98
62) Azobenzene	15.99	77	434034	44.804	ng	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	68847	40.271	ng	92
65) n-Nitrosodiphenylamine	15.91	169	360683	39.954	ng	96
66) 4-Bromophenyl-phenylether	16.59	248	138568	37.255	ng	96
67) Hexachlorobenzene	16.71	284	139485	36.412	ng	98
68) Atrazine	16.86	200	145907	39.917	ng	98
69) Pentachlorophenol	17.05	266	161717	67.051	ng	96
70) Phenanthrene	17.45	178	665670	42.244	ng	98
71) Anthracene	17.54	178	687484	44.122	ng	100
72) Carbazole	17.81	167	615674	40.526	ng	98
73) Di-n-butylphthalate	18.36	149	725022	42.974	ng	98
74) Fluoranthene	19.45	202	823683	43.425	ng	99
76) Benzidine	19.63	184	285914	28.113	ng	99
77) Pyrene	19.82	202	804440	39.847	ng	99
79) Butylbenzylphthalate	20.70	149	341453	42.433	ng	98
80) Benzo(a)anthracene	21.65	228	805890	41.036	ng	98
81) 3,3'-Dichlorobenzidine	21.57	252	225482	30.164	ng	97
82) Chrysene	21.71	228	773142	40.745	ng	99
83) Bis(2-ethylhexyl)phthalate	21.55	149	479029	42.613	ng	99
84) Di-n-octyl phthalate	22.75	149	816065	44.091	ng	99
85) Indeno(1,2,3-cd)pyrene	28.51	276	889380	43.648	ng	# 93
87) Benzo(b)fluoranthene	23.85	252	796784	46.228	ng	98
88) Benzo(k)fluoranthene	23.92	252	759878	43.944	ng	99
89) Benzo(a)pyrene	24.72	252	763579	45.824	ng	99
90) Dibenzo(a,h)anthracene	28.57	278	716663	45.890	ng	99
91) Benzo(g,h,i)perylene	29.64	276	741349	47.300	ng	98

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

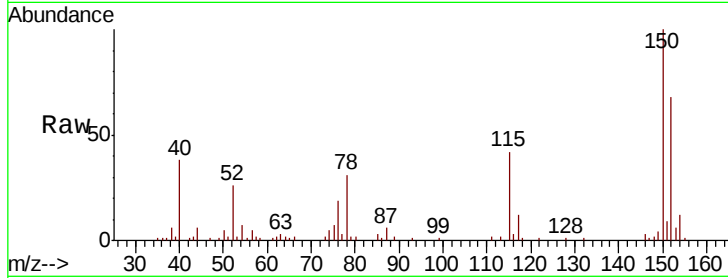


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

Instrument :
BNA_G
ClientSampleId :
PB113493BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.1	119.5	179.3
115	61.0	44.5	66.7

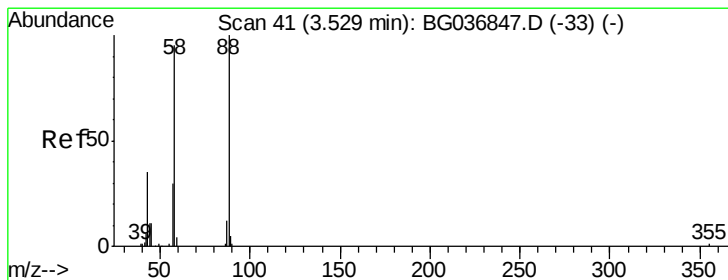
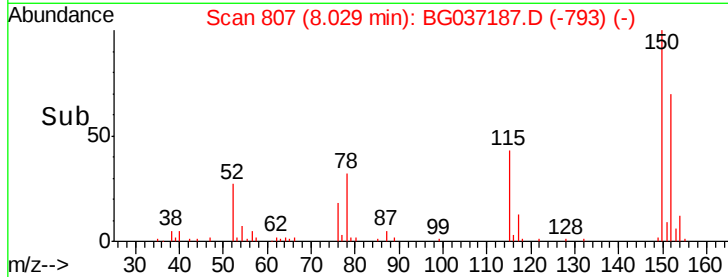
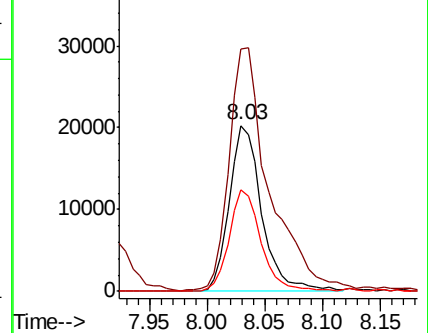


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

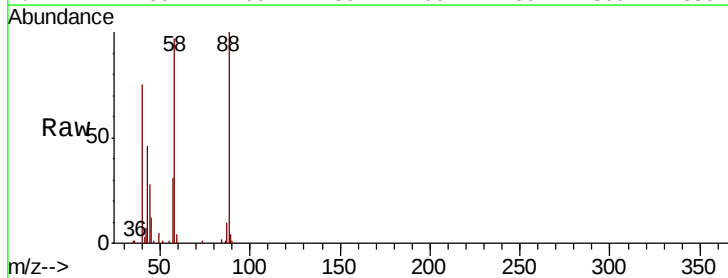
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.962 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.02 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.0	72.6	109.0
43	36.3	29.0	43.4

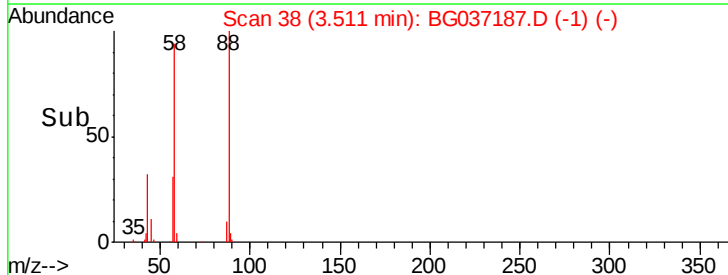
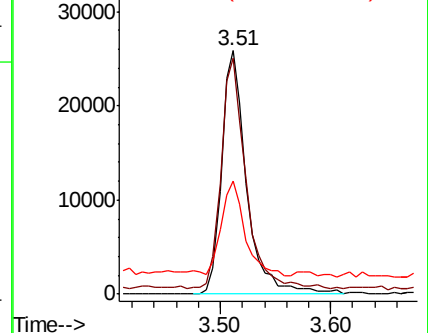


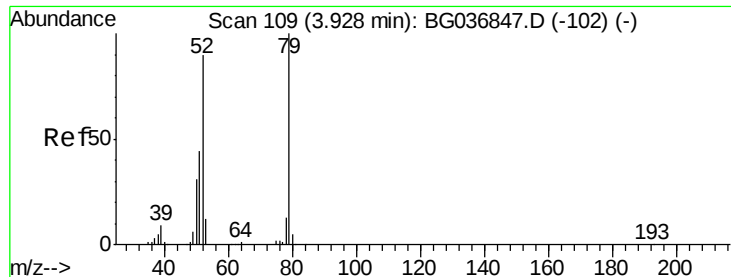
Abundance

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: 39.494 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

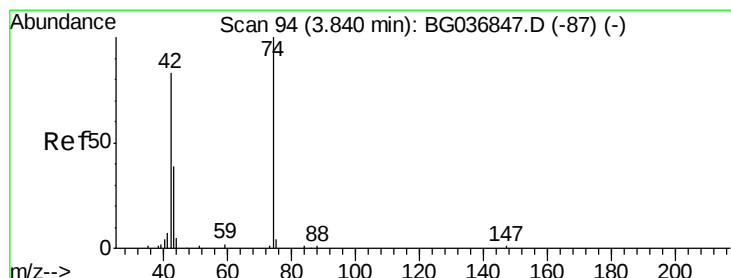
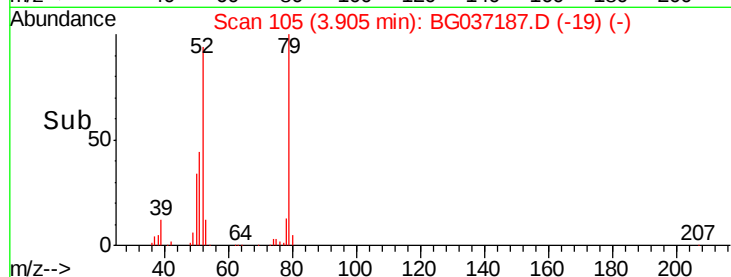
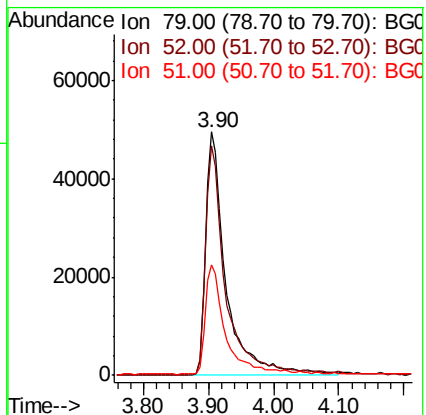
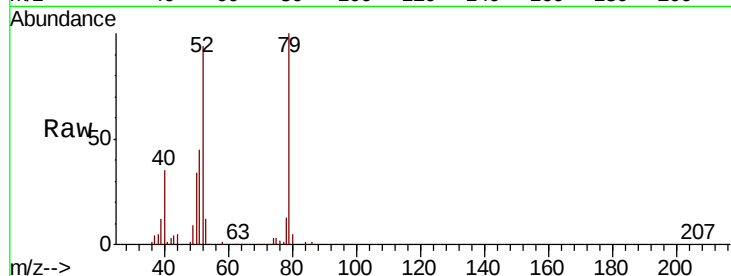
Tot Ion: 79 Resp: 107582

Ion Ratio Lower Upper

79 100

52 94.1 72.3 108.5

51 45.2 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 52.265 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

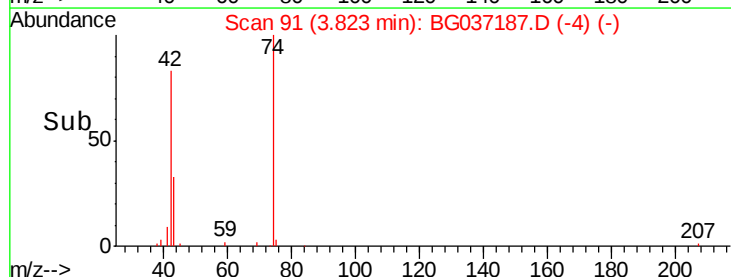
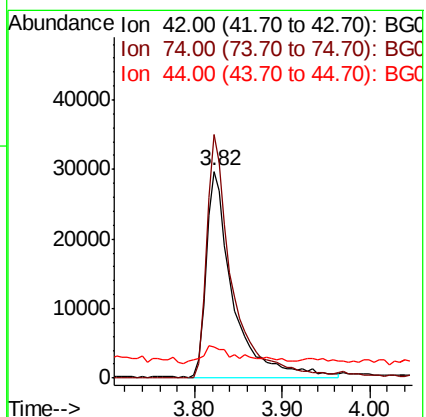
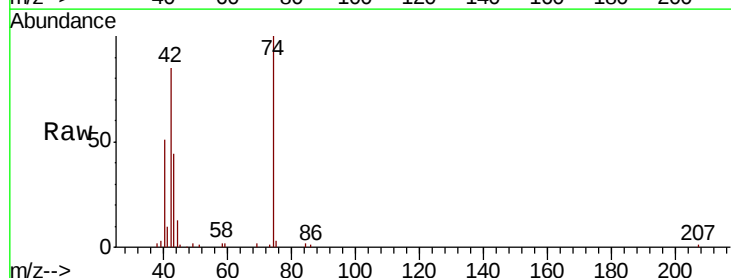
Tgt Ion: 42 Resp: 63277

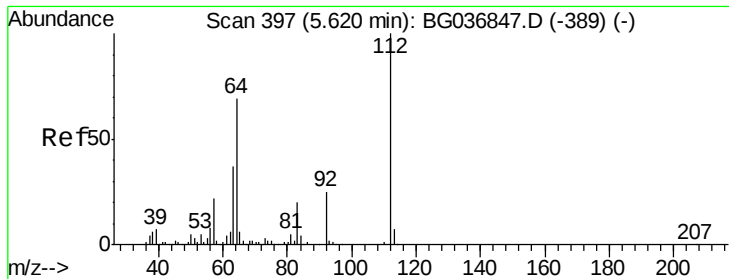
Ion Ratio Lower Upper

42 100

74 117.9 96.6 145.0

44 15.2 7.0 10.4#





#5

2-Fluorophenol

Concen: 134.318 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.01 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

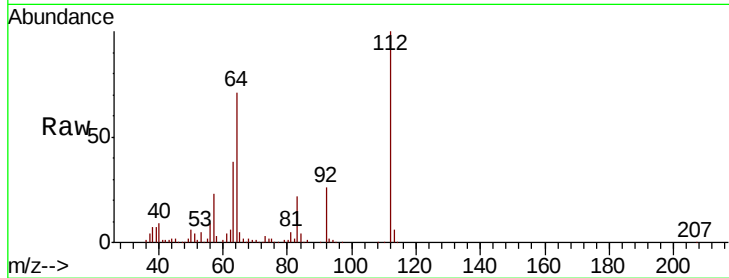
Tot Ion:112 Resp: 276923

Ion Ratio Lower Upper

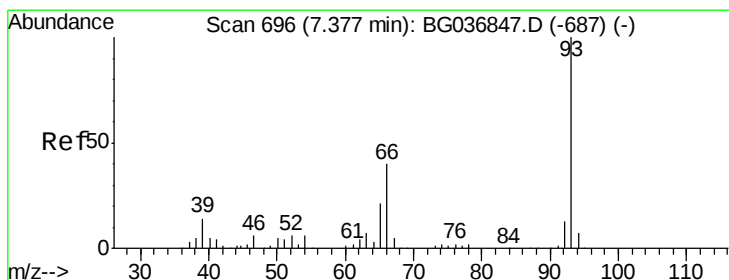
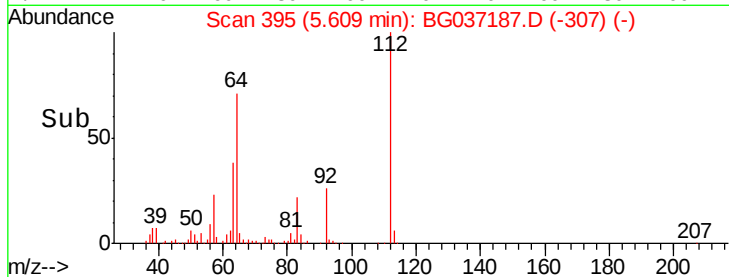
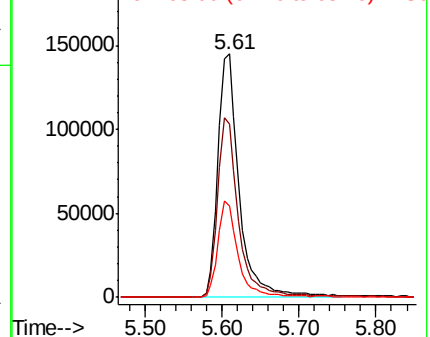
112 100

64 71.0 57.2 85.8

63 37.5 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: 33.466 ng

RT: 7.35 min Scan# 692

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

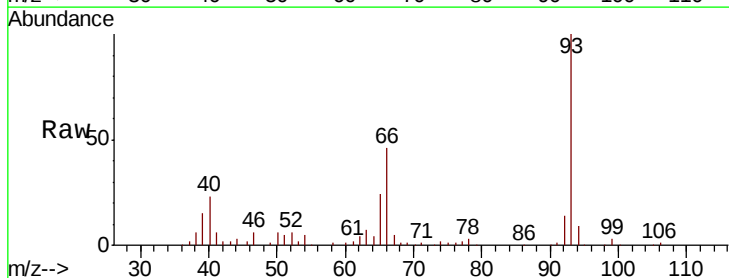
Tgt Ion: 93 Resp: 138516

Ion Ratio Lower Upper

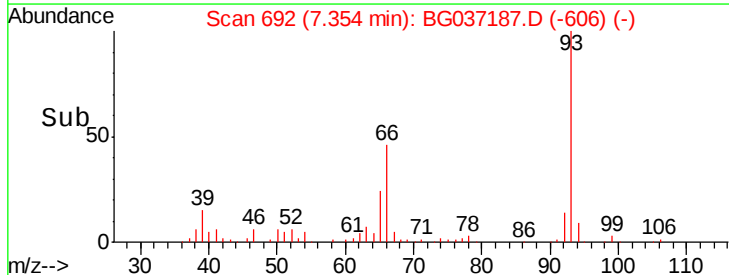
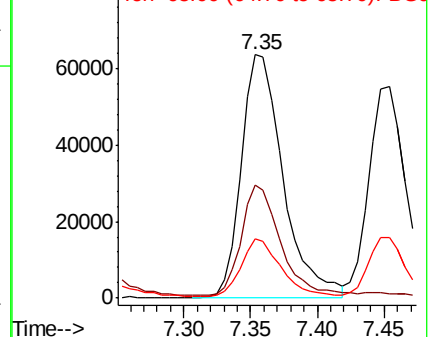
93 100

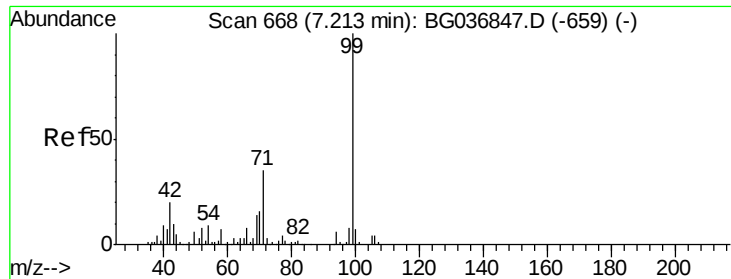
66 46.3 35.0 52.4

65 24.3 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: 120.038 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

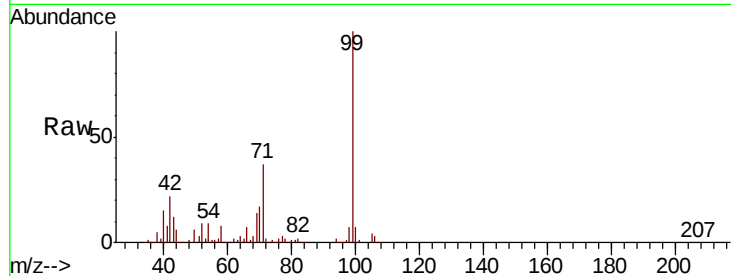
Tot Ion: 99 Resp: 382898

Ion Ratio Lower Upper

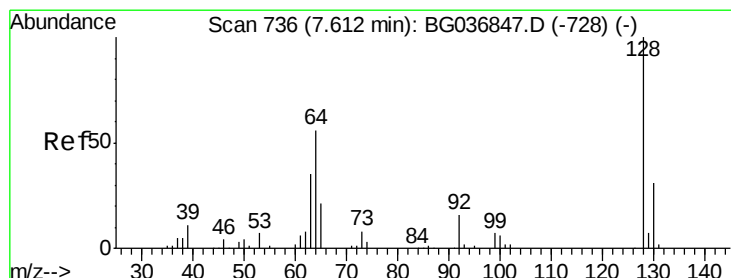
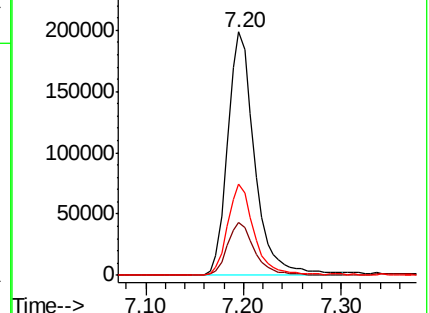
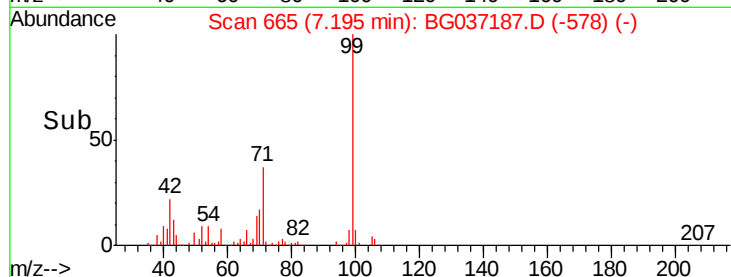
99 100

42 21.8 16.5 24.7

71 37.3 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.354 ng

RT: 7.59 min Scan# 733

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

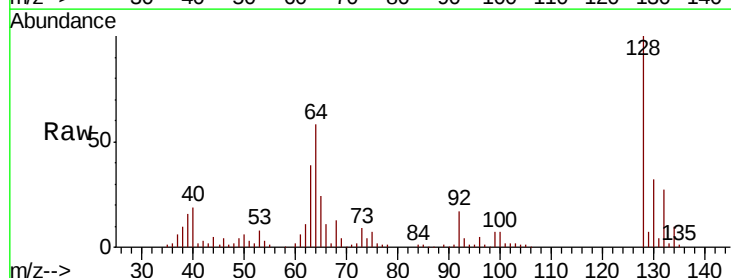
Tgt Ion: 128 Resp: 110966

Ion Ratio Lower Upper

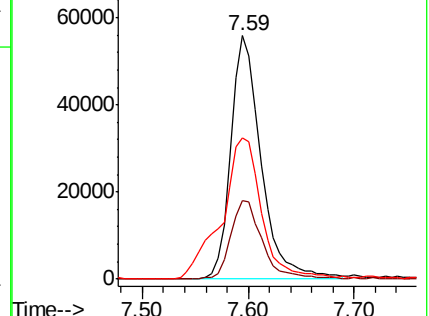
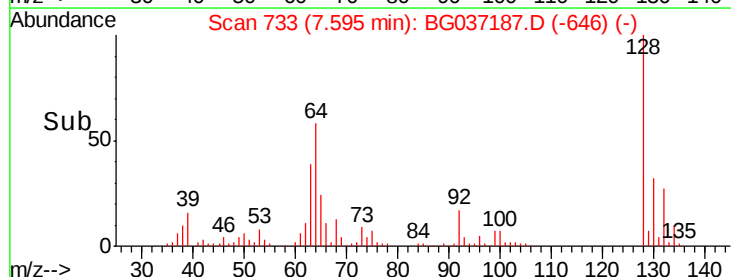
128 100

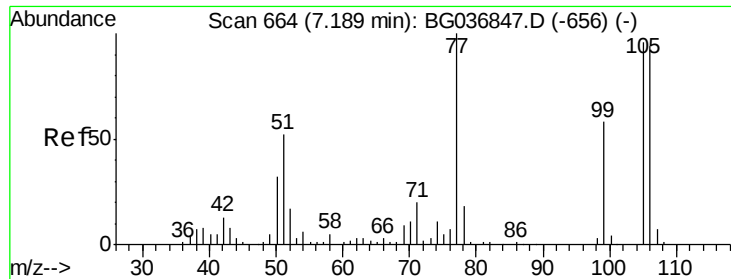
130 32.5 10.0 50.0

64 58.0 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: 24.129 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

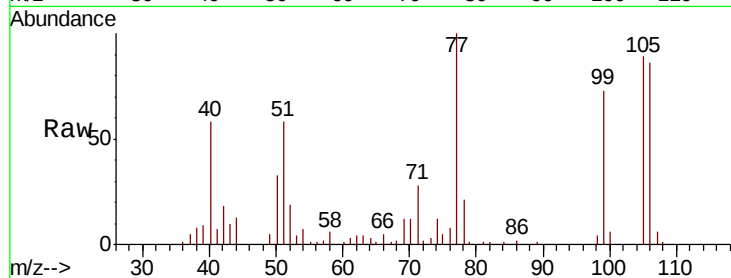
Tot Ion: 77 Resp: 50858

Ion Ratio Lower Upper

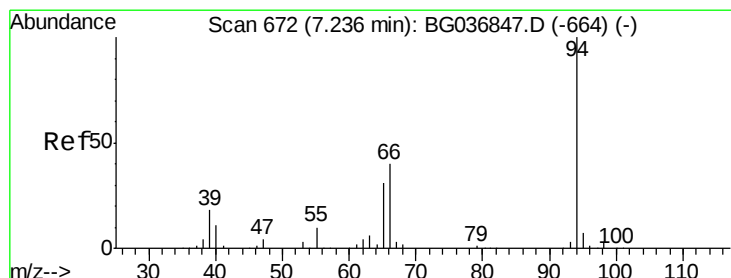
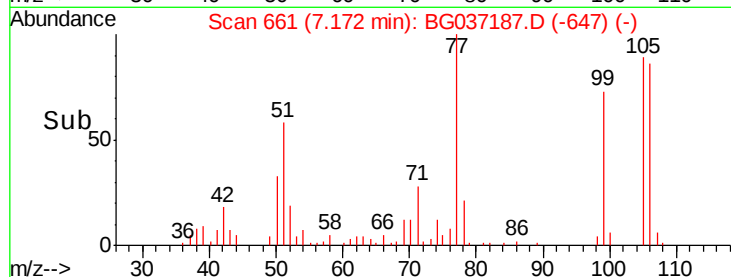
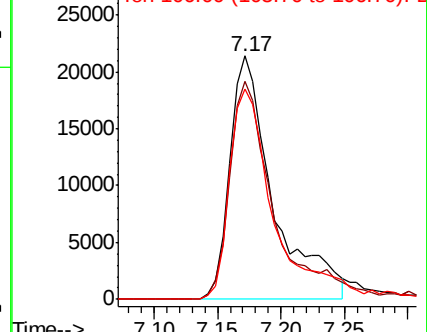
77 100

105 89.5 70.5 110.5

106 86.3 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: 47.332 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

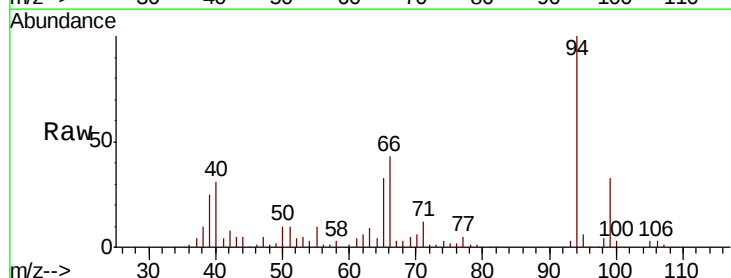
Tgt Ion: 94 Resp: 155819

Ion Ratio Lower Upper

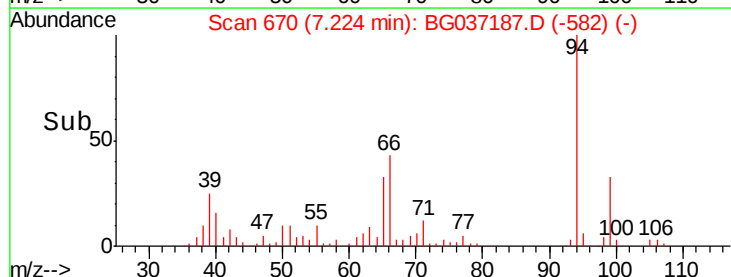
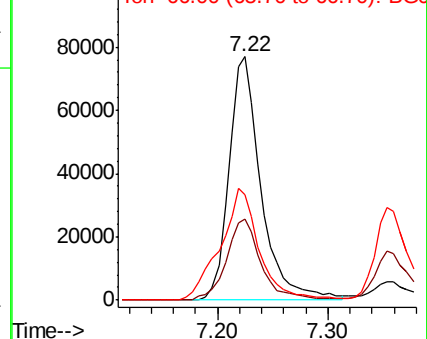
94 100

65 33.2 11.5 51.5

66 43.2 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

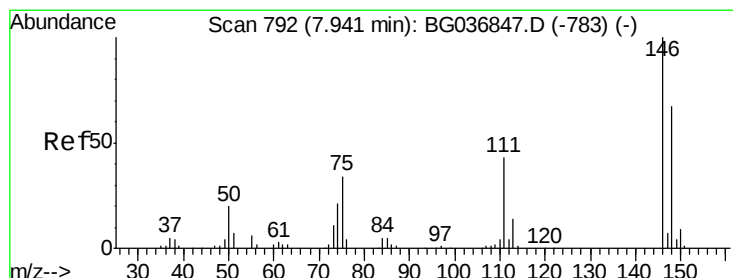
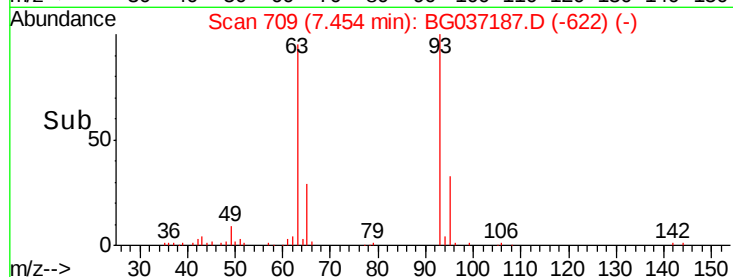
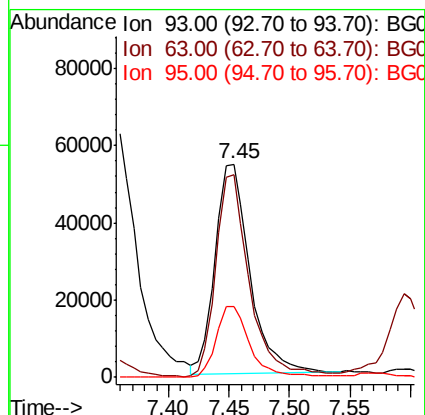
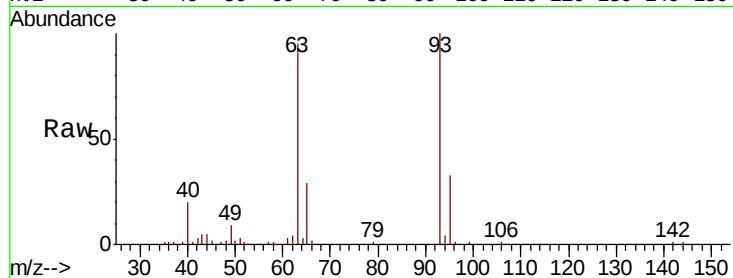




#11
 bis(2-Chloroethyl)ether
 Concen: 35.568 ng
 RT: 7.45 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

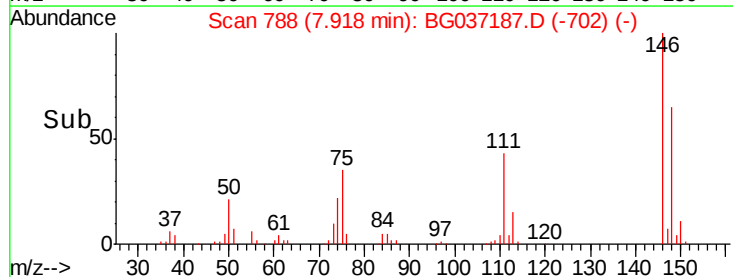
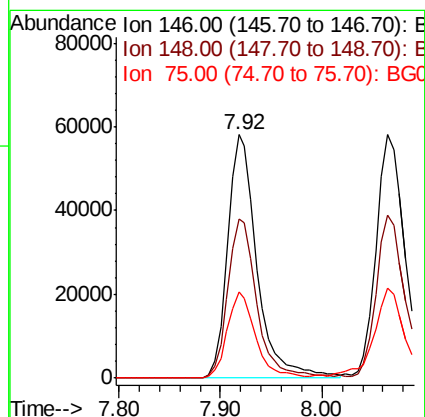
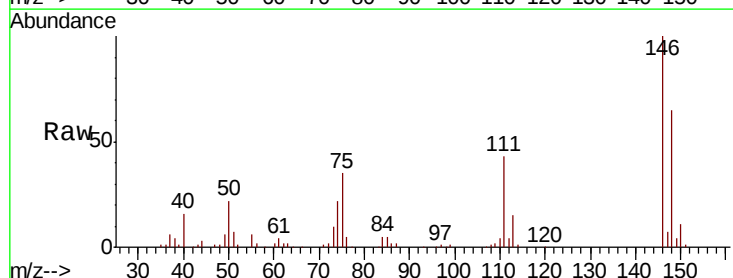
Instrument :
 BNA_G
 ClientSampleId :
 PB113493BS

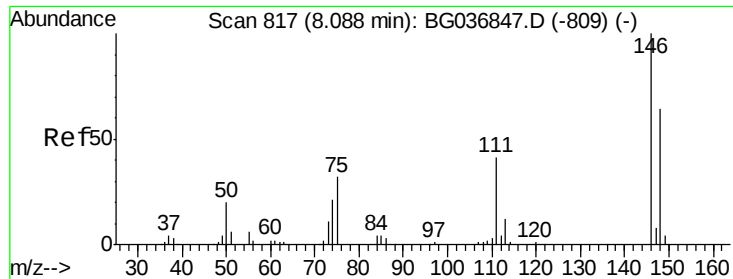
Tot Ion: 93 Resp: 108310
 Ion Ratio Lower Upper
 93 100
 63 94.7 69.9 109.9
 95 33.2 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 39.653 ng
 RT: 7.92 min Scan# 788
 Delta R.T. -0.02 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

Tgt Ion: 146 Resp: 116378
 Ion Ratio Lower Upper
 146 100
 148 65.2 53.8 80.6
 75 35.2 27.2 40.8

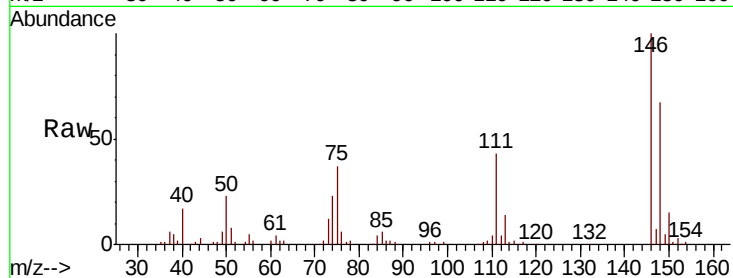




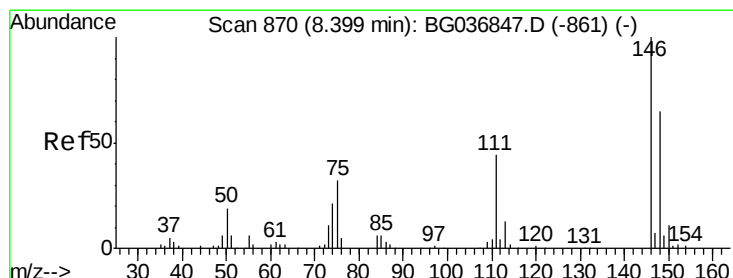
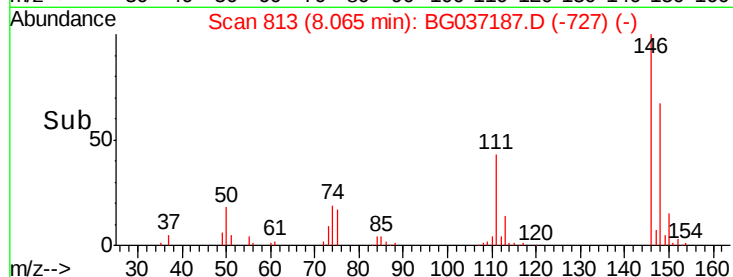
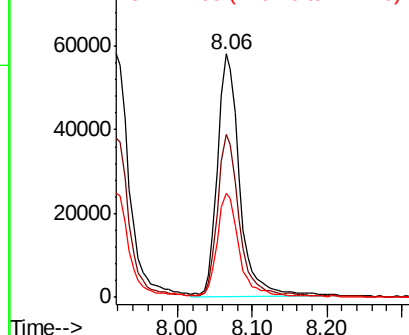
#13
 1,4-Dichlorobenzene
 Concen: 39.885 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB113493BS

Tot Ion:146 Resp: 119792
 Ion Ratio Lower Upper
 146 100
 148 66.8 53.9 80.9
 111 42.5 33.8 50.6

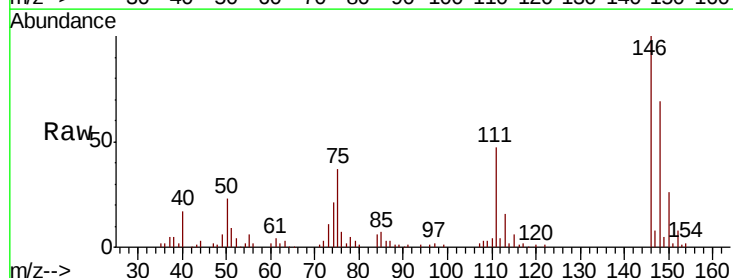


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

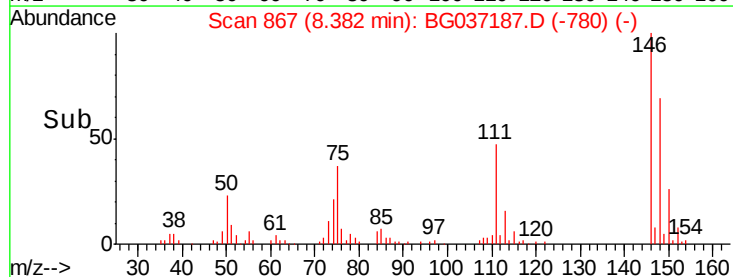
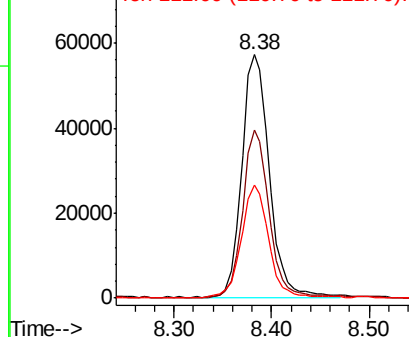


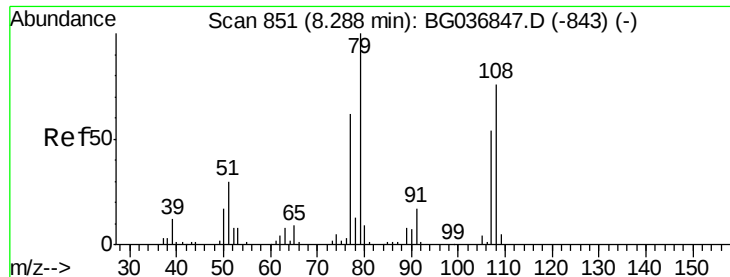
#14
 1,2-Dichlorobenzene
 Concen: 38.474 ng
 RT: 8.38 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

Tgt Ion:146 Resp: 111981
 Ion Ratio Lower Upper
 146 100
 148 69.2 55.0 82.6
 111 46.6 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 40.134 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

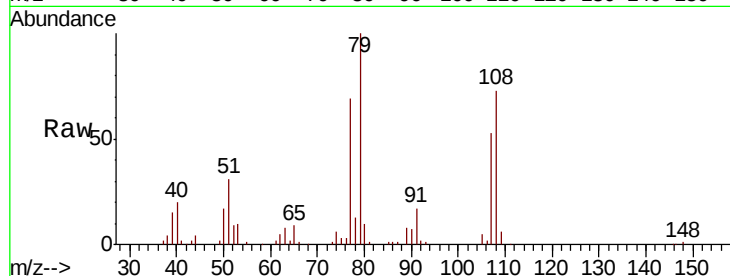
Tot Ion: 79 Resp: 103877

Ion Ratio Lower Upper

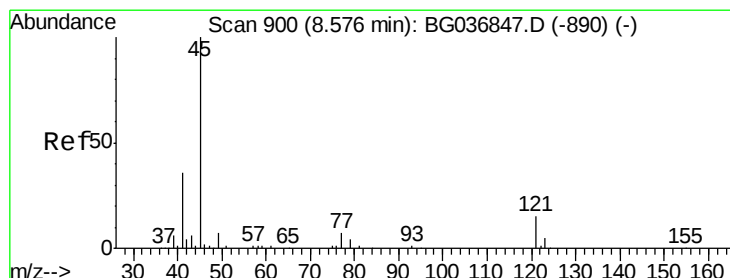
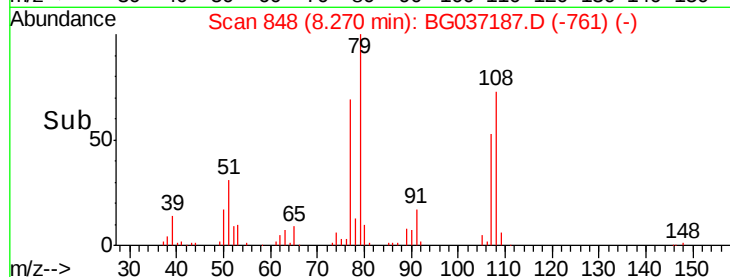
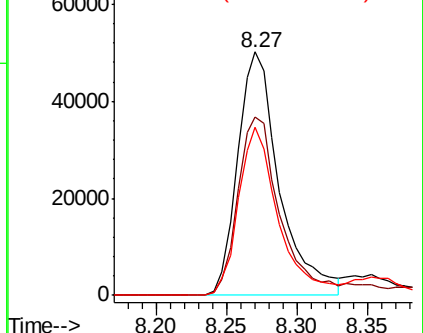
79 100

108 73.0 55.9 83.9

77 69.0 50.0 75.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.585 ng

RT: 8.55 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

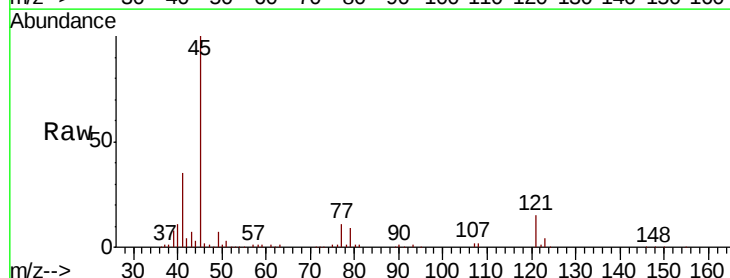
Tgt Ion: 45 Resp: 243119

Ion Ratio Lower Upper

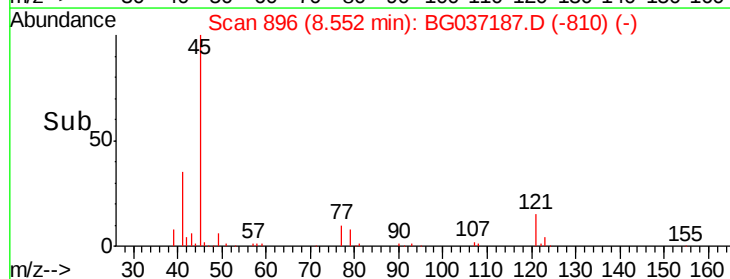
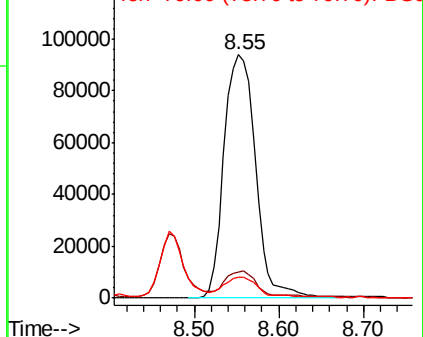
45 100

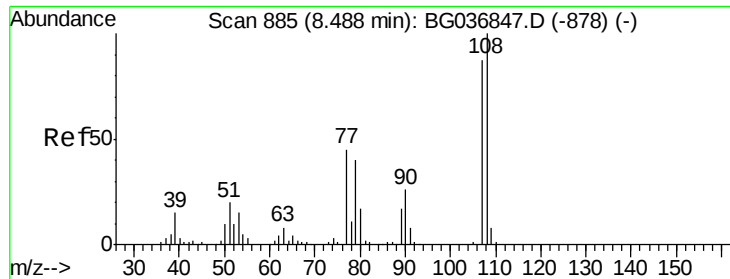
77 10.6 0.0 30.5

79 8.8 0.0 27.9



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





#17

2-Methylphenol

Concen: 43.661 ng

RT: 8.47 min Scan# 882

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

Tot Ion:107 Resp: 100121

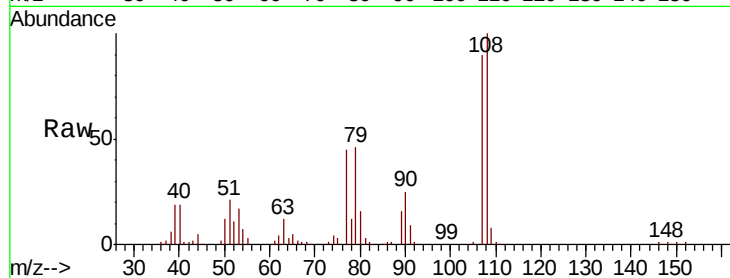
Ion Ratio Lower Upper

107 100

108 110.6 86.7 130.1

77 49.5 39.0 58.4

79 50.9 36.6 54.8

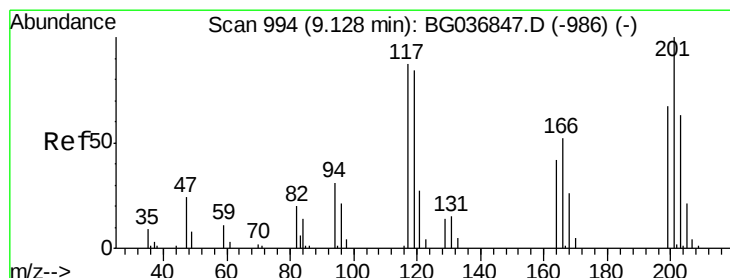
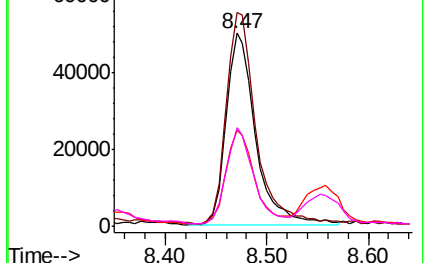
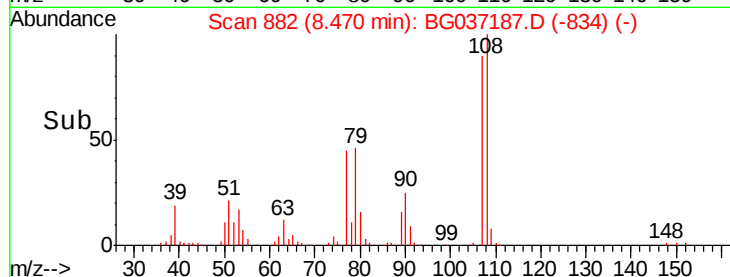


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.832 ng

RT: 9.11 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

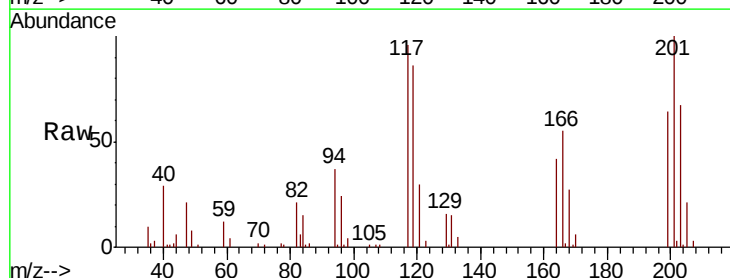
Tgt Ion:117 Resp: 47340

Ion Ratio Lower Upper

117 100

119 89.4 76.8 115.2

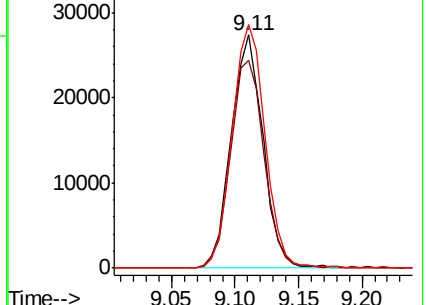
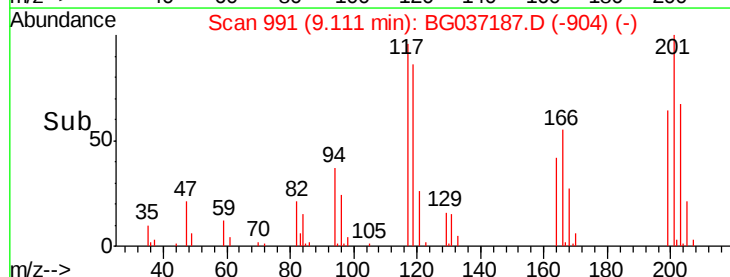
201 104.4 85.7 128.5

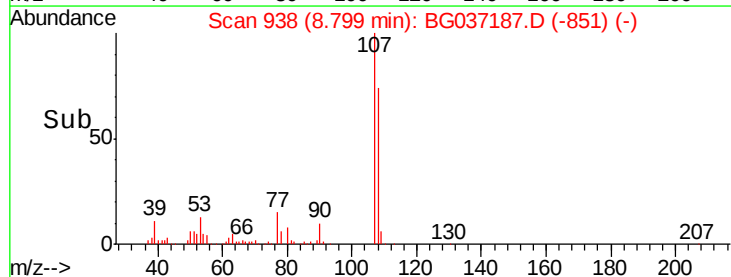
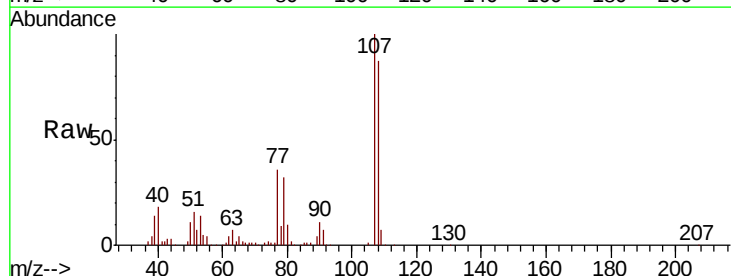
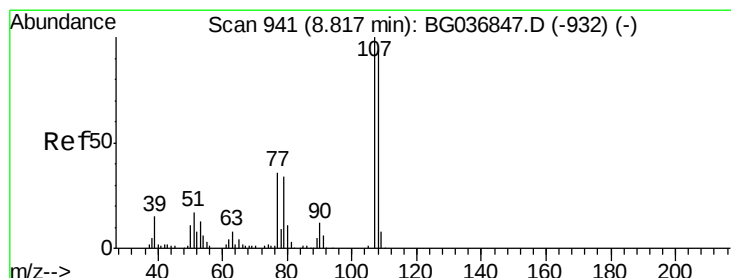
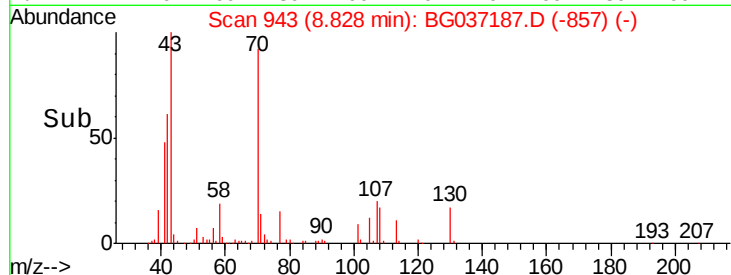
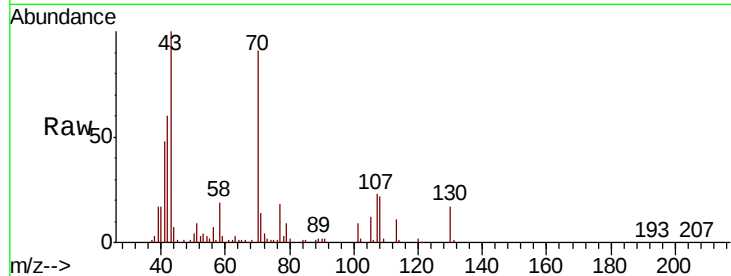
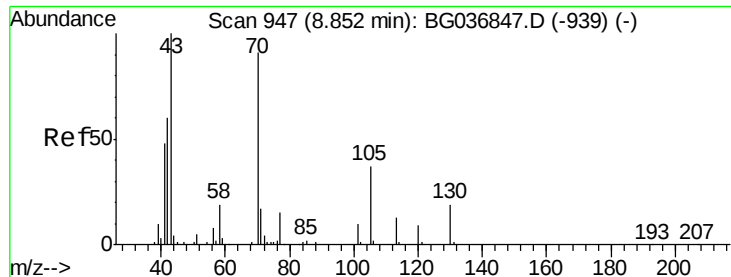


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

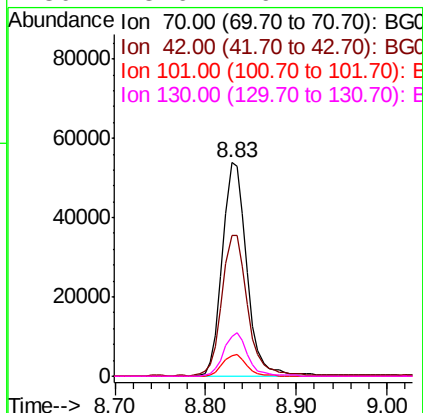




#19
n-Nitroso-di-n-propylamine
Concen: 38.302 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.02 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

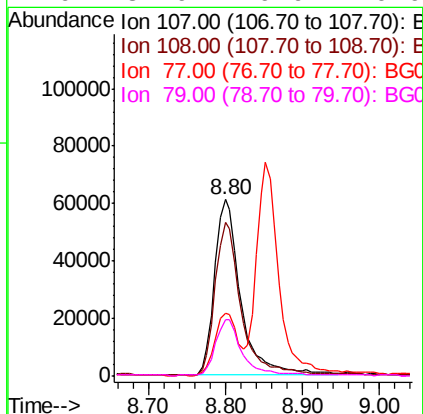
Instrument :
BNA_G
ClientSampleId :
PB113493BS

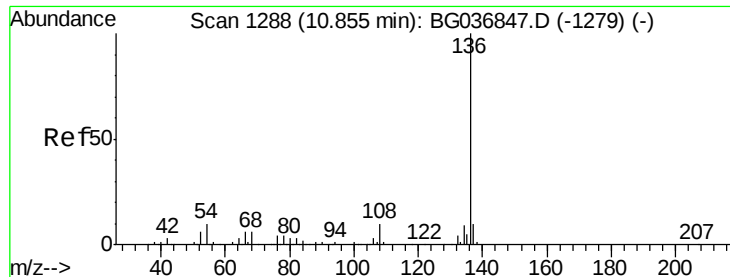
Tot Ion: 70 Resp: 101638
Ion Ratio Lower Upper
70 100
42 66.1 56.2 84.4
101 9.6 7.8 11.6
130 18.6 16.2 24.2



#20
3+4-Methylphenols
Concen: 45.294 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.02 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

Tgt Ion:107 Resp: 144494
Ion Ratio Lower Upper
107 100
108 87.0 68.0 108.0
77 35.9 15.6 55.6
79 31.9 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: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

Tot Ion:136 Resp: 179322

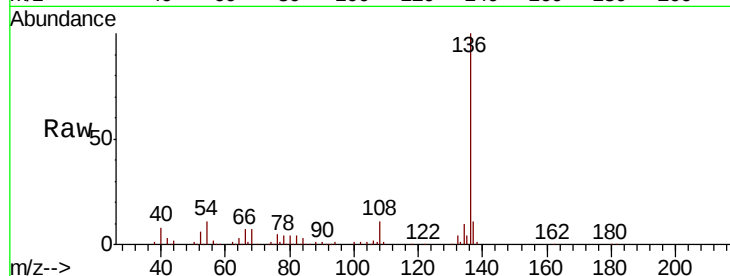
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 11.4 9.2 13.8

68 6.9 5.8 8.6

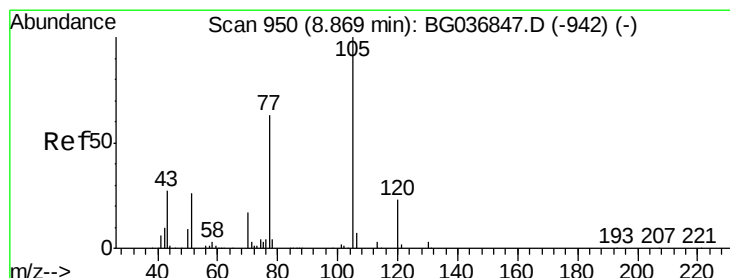
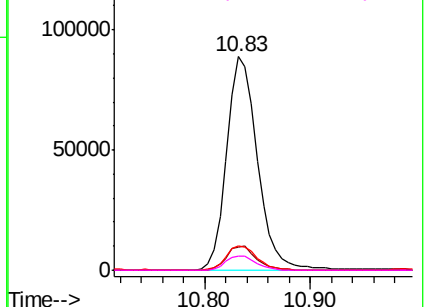
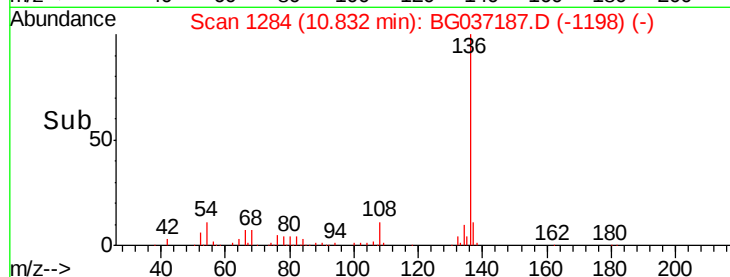


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.130 ng

RT: 8.85 min Scan# 947

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Tgt Ion:105 Resp: 173321

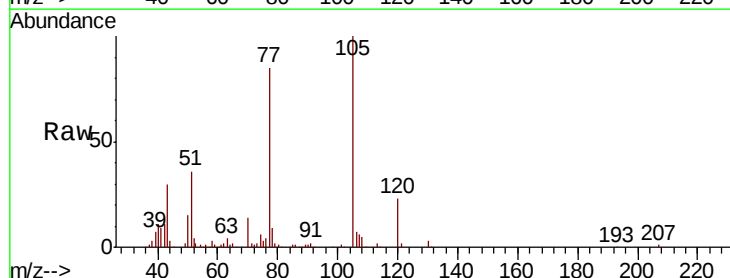
Ion Ratio Lower Upper

105 100

71 2.4 2.4 3.6

51 35.5 25.9 38.9

120 23.0 19.4 29.0

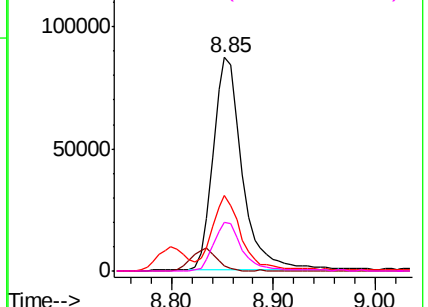
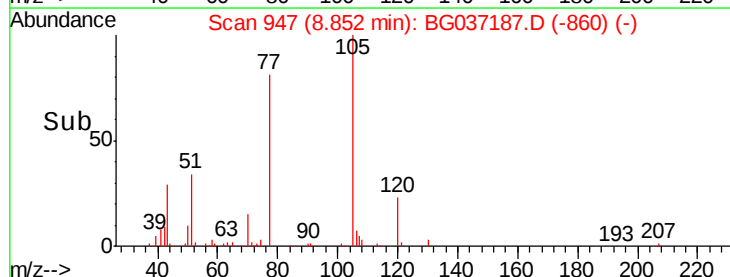


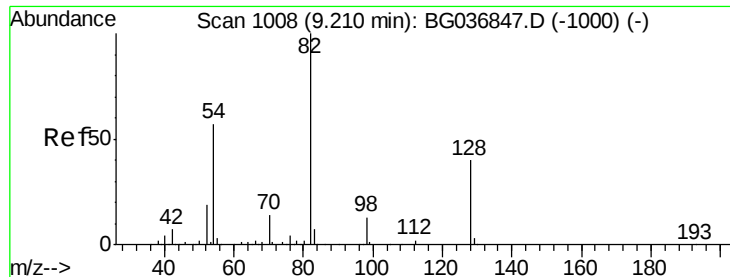
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

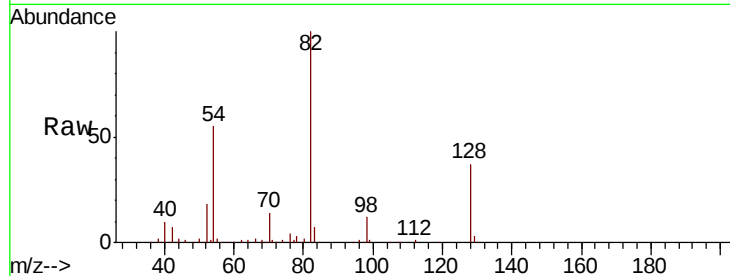




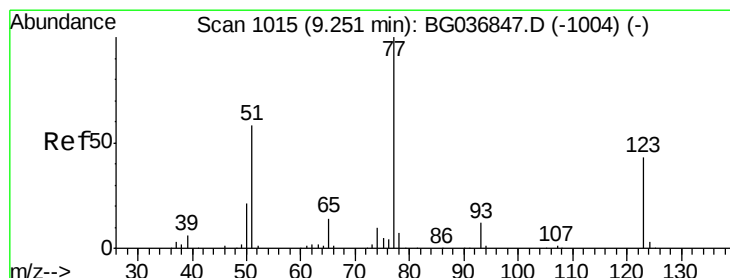
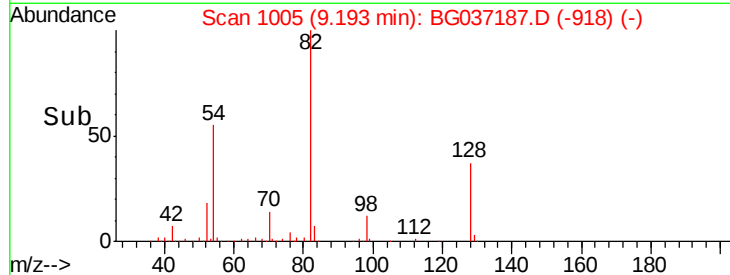
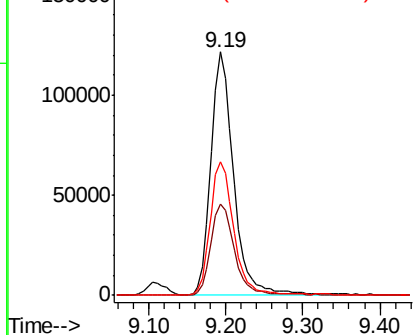
#23
 Nitrobenzene-d5
 Concen: 74.101 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.02 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB113493BS

Tot Ion	82	Resp	248135
Ion Ratio	100	Lower	Upper
128	37.4	33.3	49.9
54	54.8	45.1	67.7

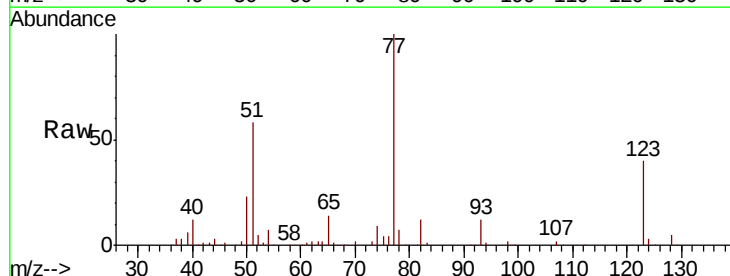


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

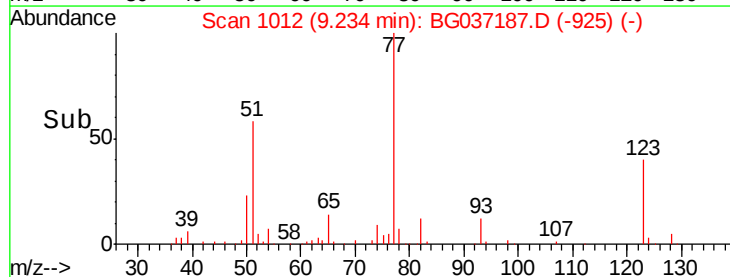
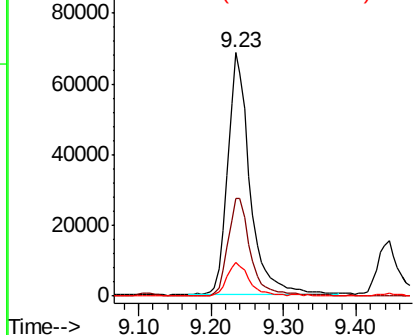


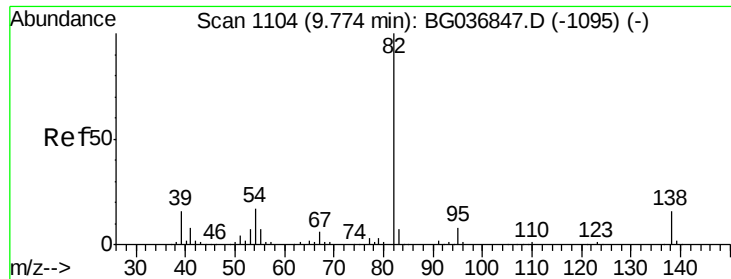
#24
 Nitrobenzene
 Concen: 41.065 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. -0.02 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

Tgt Ion	77	Resp	146850
Ion Ratio	100	Lower	Upper
123	40.2	32.4	48.6
65	13.7	11.5	17.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

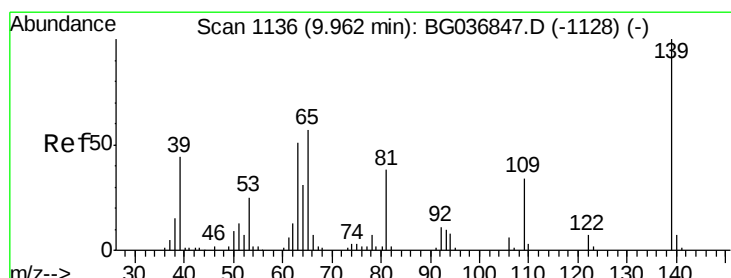
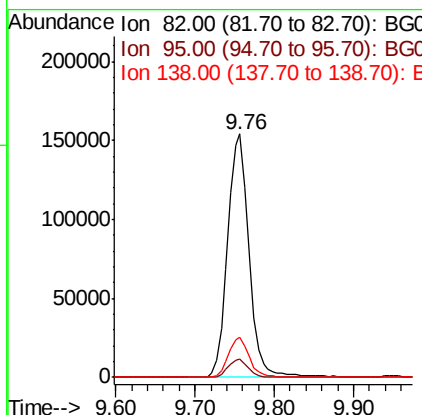
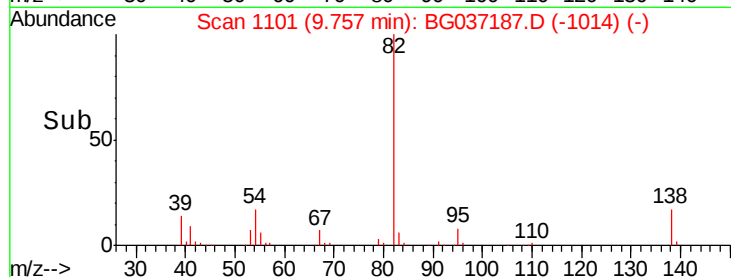
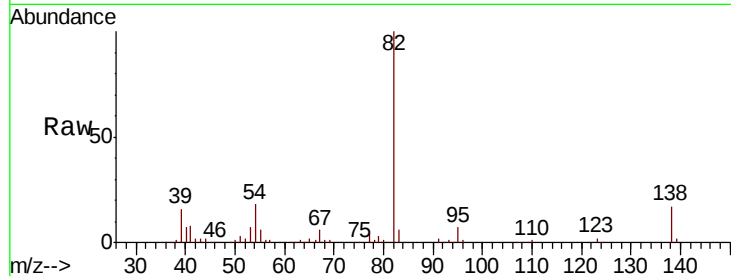




#25
Isophorone
Concen: 46.918 ng
RT: 9.76 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

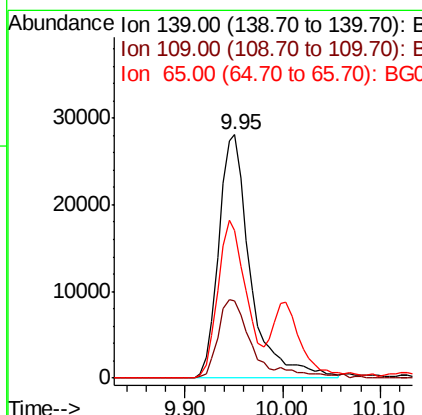
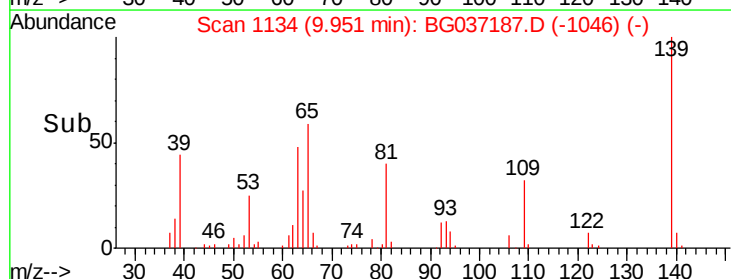
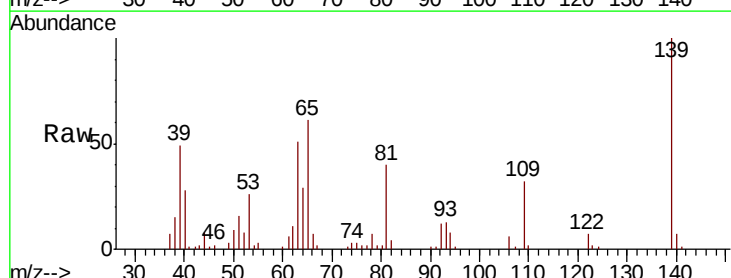
Instrument :
BNA_G
ClientSampleId :
PB113493BS

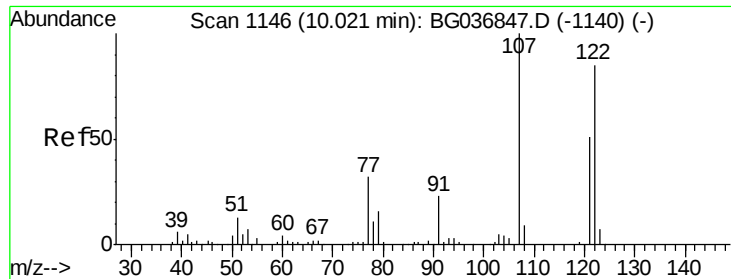
Tot Ion: 82 Resp: 287073
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 16.5 12.9 19.3



#26
2-Nitrophenol
Concen: 44.415 ng
RT: 9.95 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

Tgt Ion: 139 Resp: 63308
Ion Ratio Lower Upper
139 100
109 31.9 27.4 41.0
65 60.9 47.8 71.6

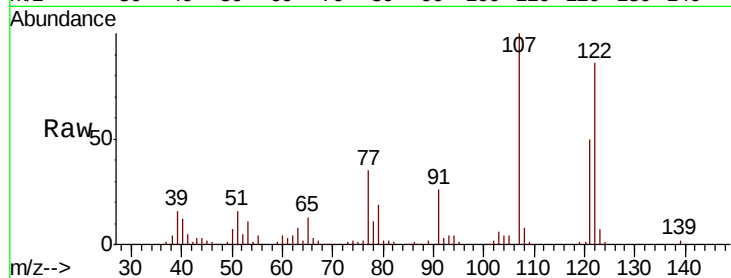




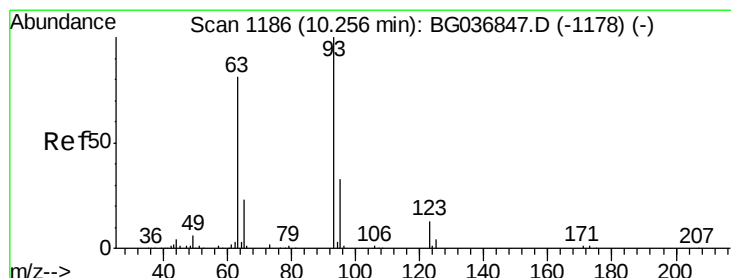
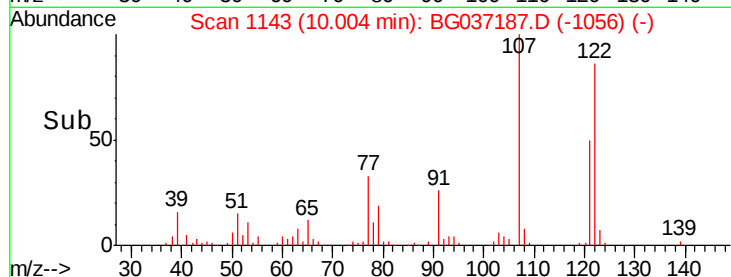
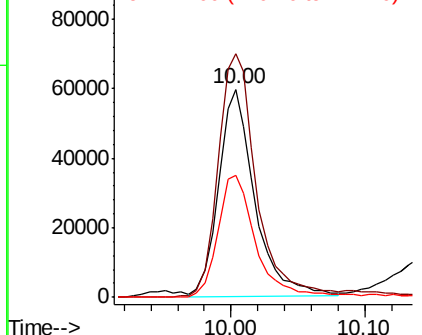
#27
 2,4-Dimethylphenol
 Concen: 50.870 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.02 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB113493BS

Tot Ion:122 Resp: 112948
 Ion Ratio Lower Upper
 122 100
 107 116.9 96.0 144.0
 121 58.7 48.2 72.4

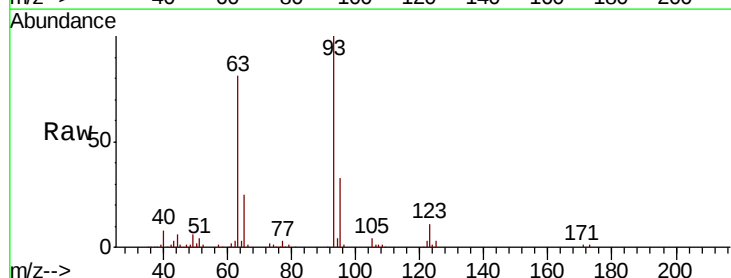


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

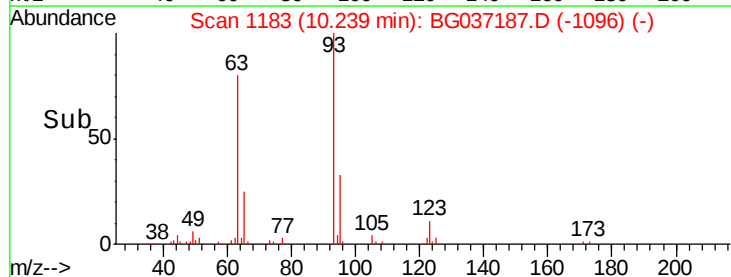
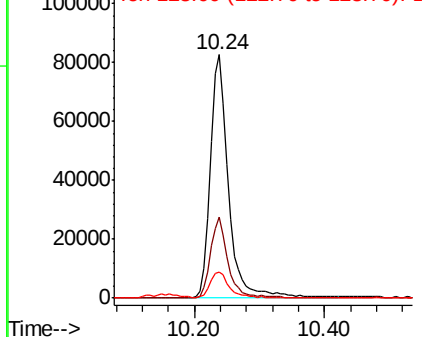


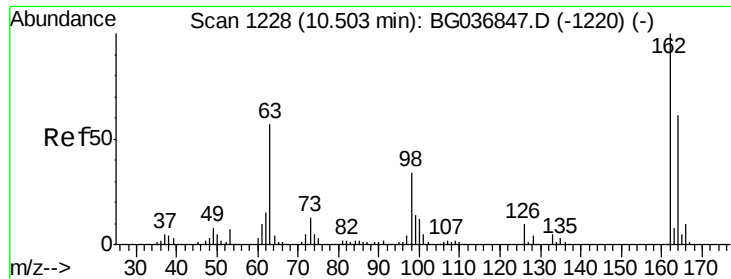
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.583 ng
 RT: 10.24 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

Tgt Ion: 93 Resp: 160772
 Ion Ratio Lower Upper
 93 100
 95 33.3 25.2 37.8
 123 10.9 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

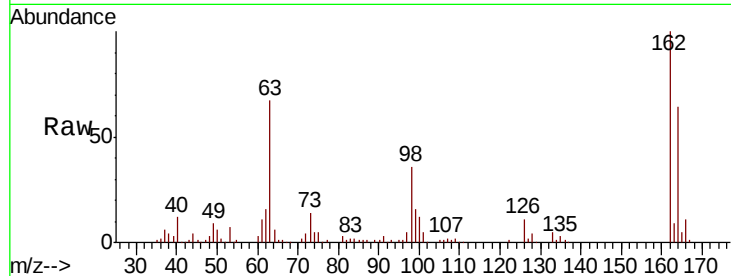




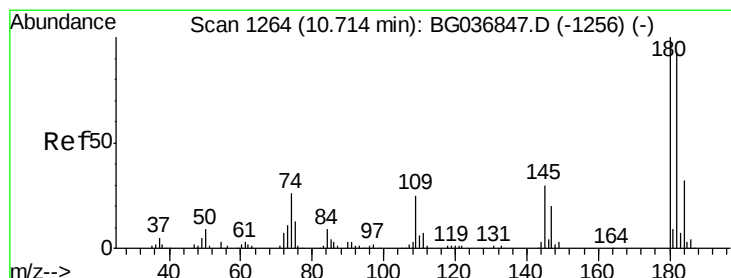
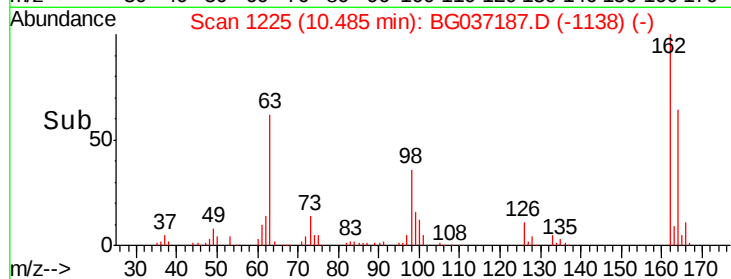
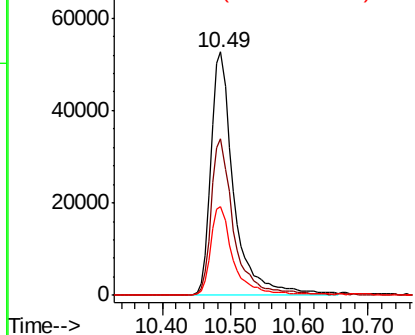
#29
 2,4-Dichlorophenol
 Concen: 47.614 ng
 RT: 10.49 min Scan# 1225
 Delta R.T. -0.02 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB113493BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	47.6	87.6
98	36.4	19.2	59.2

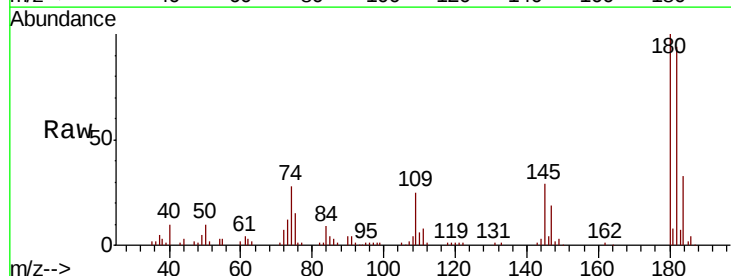


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

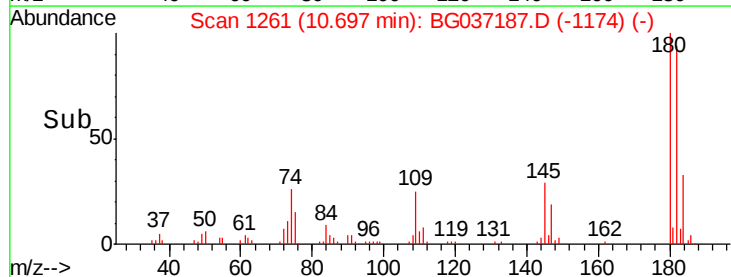
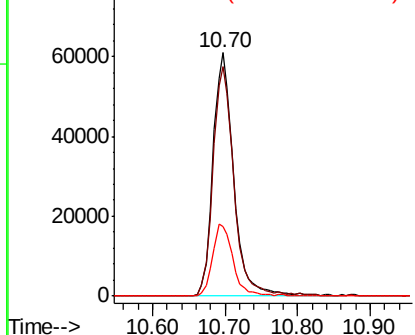


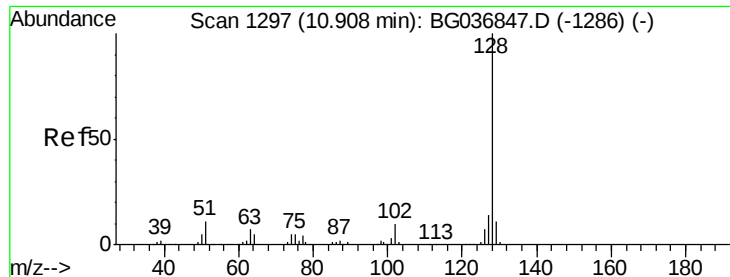
#30
 1,2,4-Trichlorobenzene
 Concen: 37.549 ng
 RT: 10.70 min Scan# 1261
 Delta R.T. -0.02 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.0	114.0
145	28.5	22.9	34.3



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

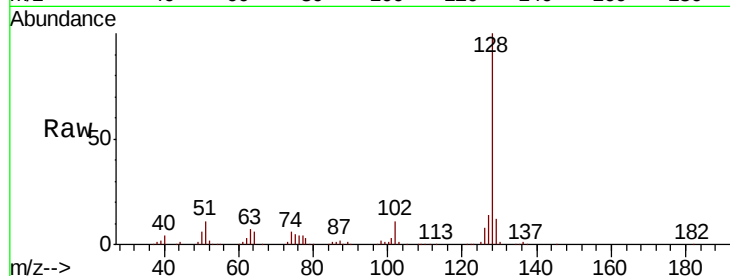




#31
Naphthalene
Concen: 42.357 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

Instrument :
BNA_G
ClientSampleId :
PB113493BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	14.1	11.0	16.4

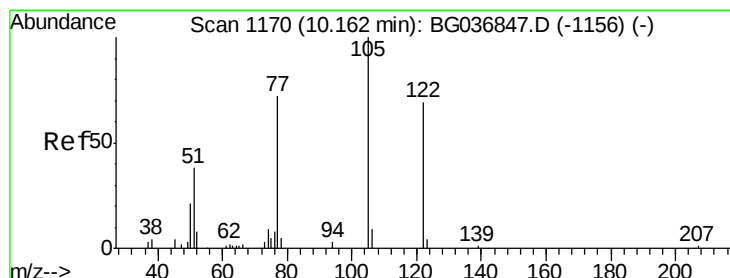
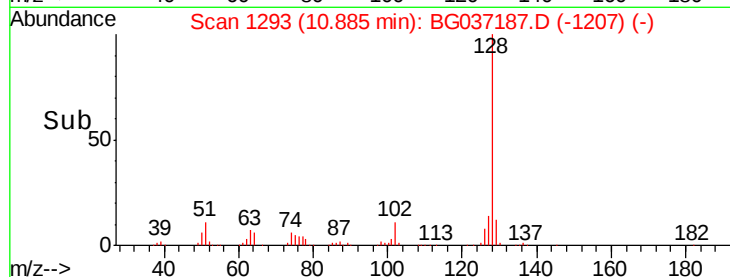
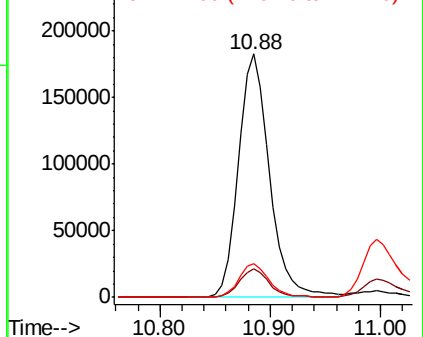


Abundance

Ion 128.00 (127.70 to 128.70): E

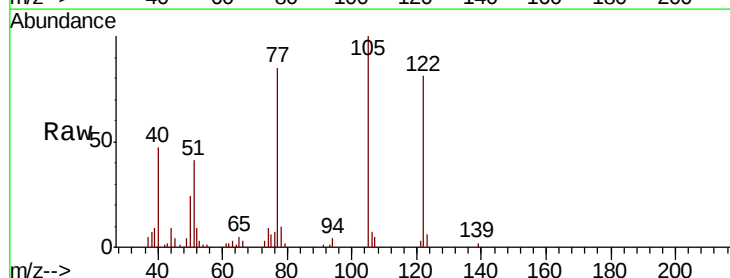
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 34.402 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.9	108.1	148.1
77	105.8	76.3	116.3

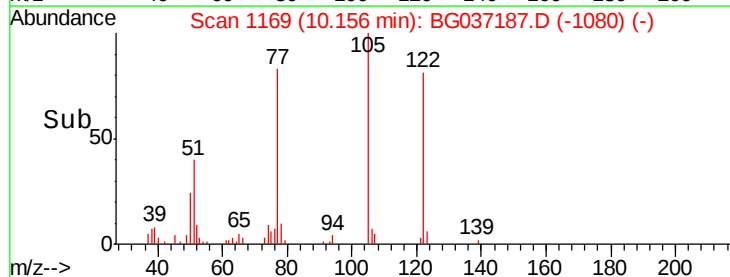
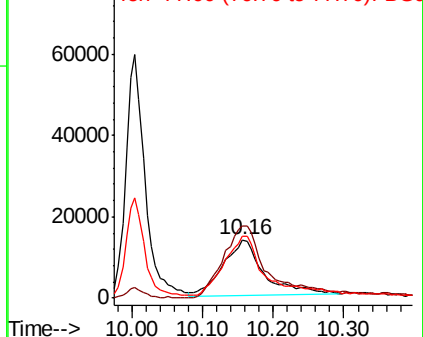


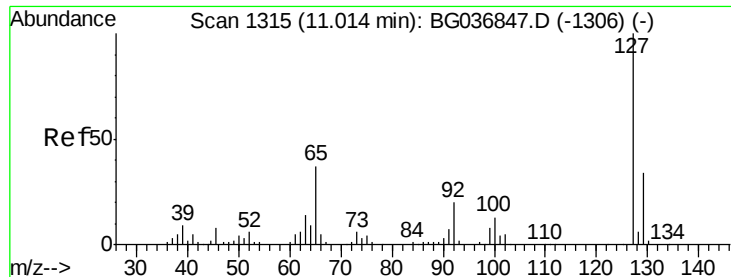
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

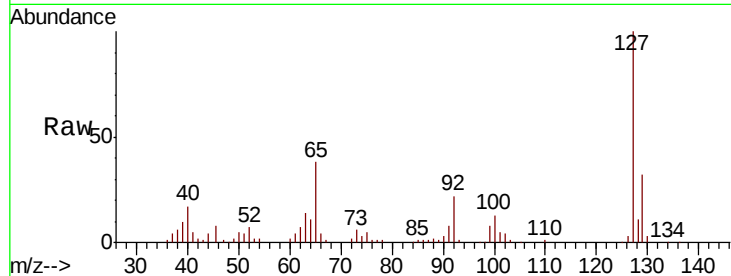




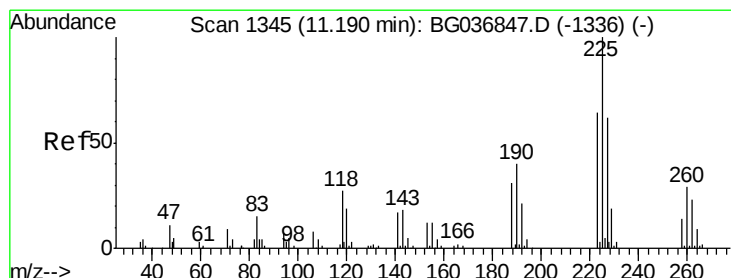
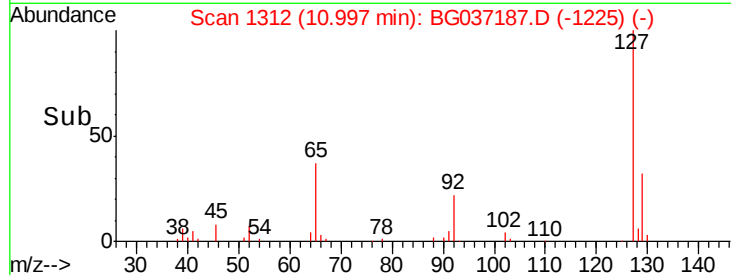
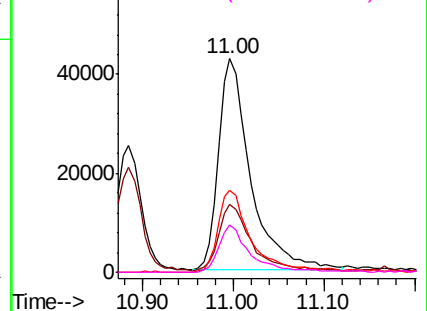
#33
4-Chloroaniline
Concen: 27.303 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

Instrument :
BNA_G
ClientSampleId :
PB113493BS

Tot Ion:	127	Resp:	105918
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	38.2	27.5	41.3
92	22.0	16.2	24.2

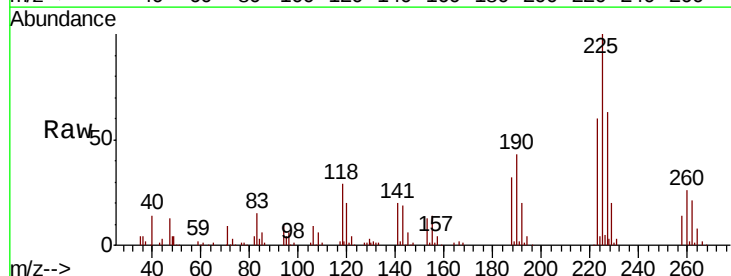


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

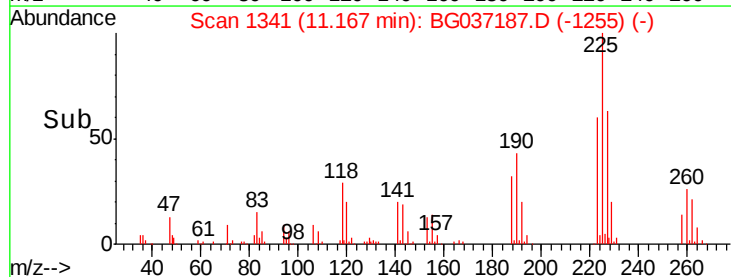
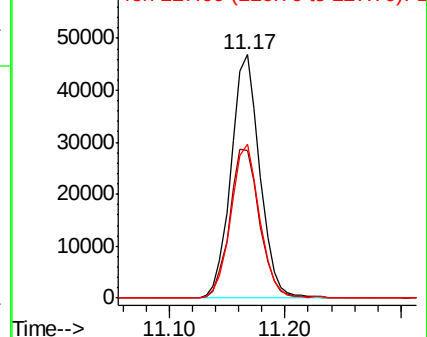


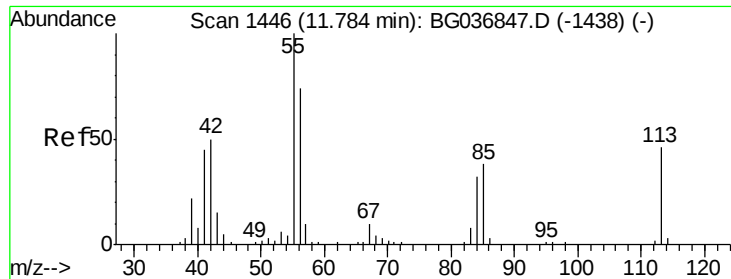
#34
Hexachlorobutadiene
Concen: 36.297 ng
RT: 11.17 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

Tgt Ion:	225	Resp:	80851
Ion	Ratio	Lower	Upper
225	100		
223	60.4	51.8	77.8
227	63.2	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: 26.428 ng

RT: 11.77 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

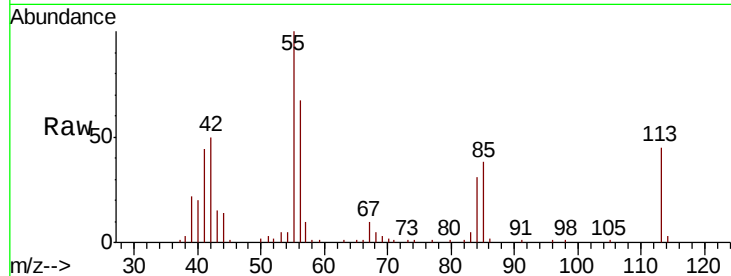
Tot Ion:113 Resp: 27997

Ion Ratio Lower Upper

113 100

55 224.5 197.7 237.7

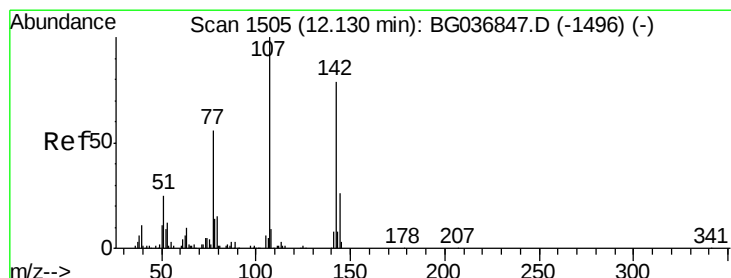
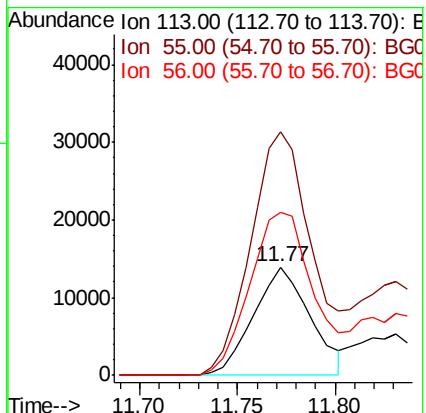
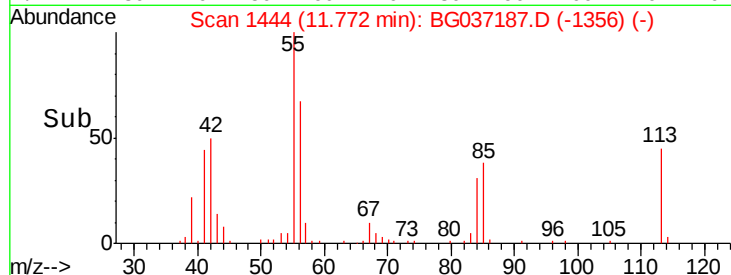
56 150.5 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 48.110 ng

RT: 12.11 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

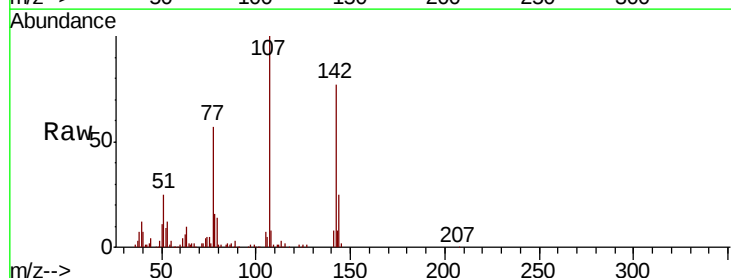
Tgt Ion:107 Resp: 147751

Ion Ratio Lower Upper

107 100

144 24.8 19.5 29.3

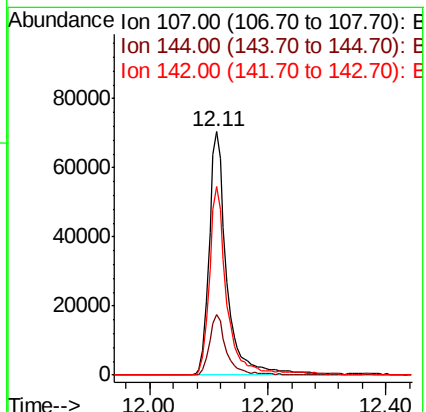
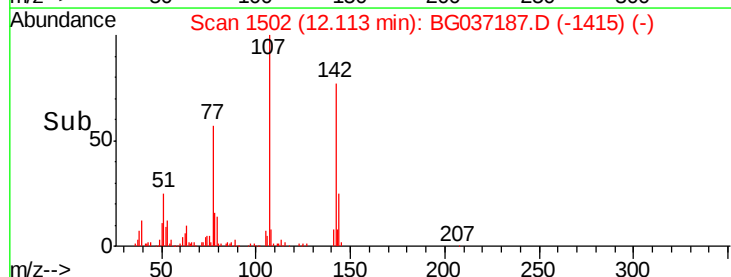
142 77.4 62.4 93.6

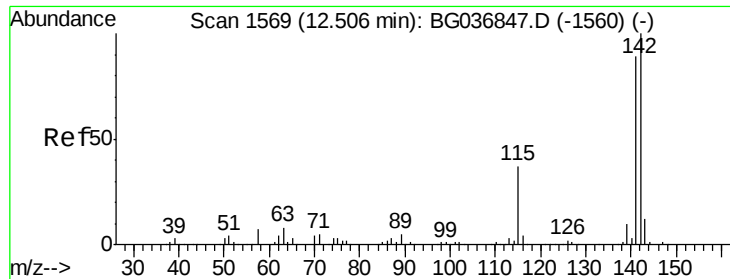


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

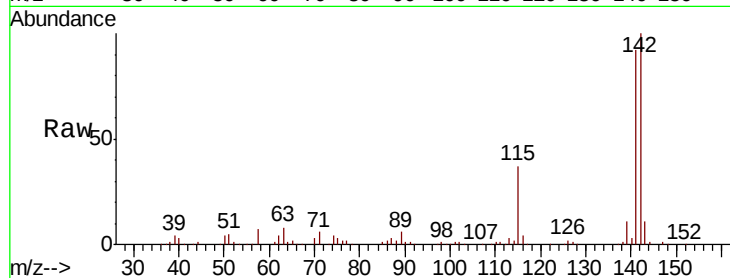




#37
2-Methylnaphthalene
Concen: 43.435 ng
RT: 12.48 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

Instrument :
BNA_G
ClientSampleId :
PB113493BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	68.5	102.7
115	37.2	29.8	44.8

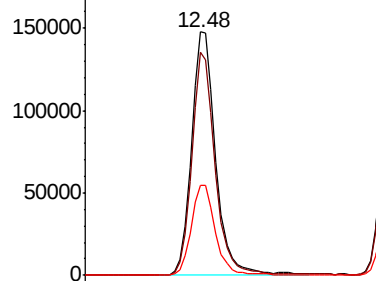


Abundance

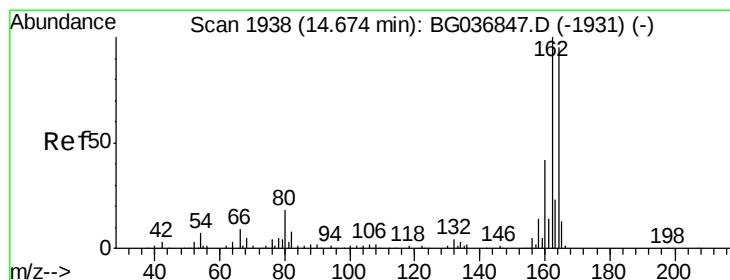
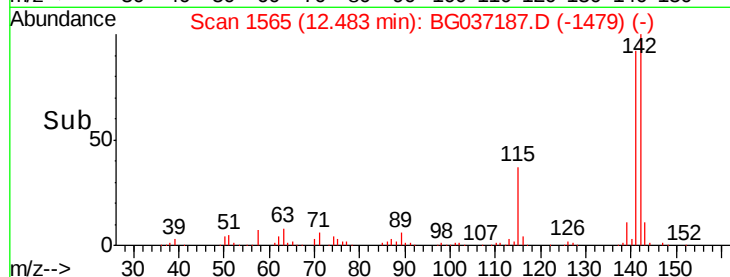
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

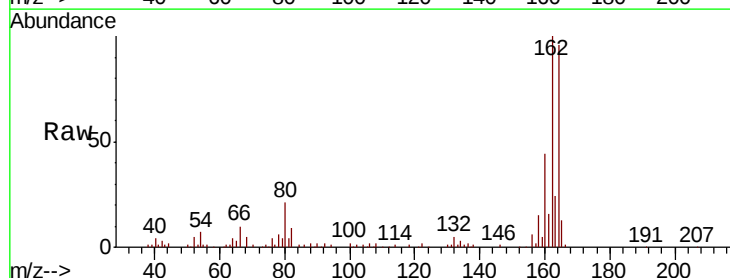


Time-->



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.7	121.1
160	45.2	35.3	52.9

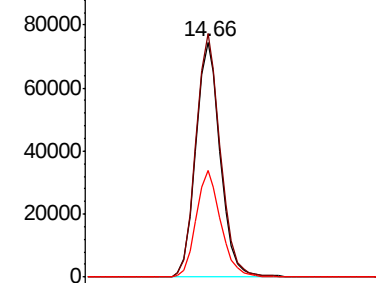


Abundance

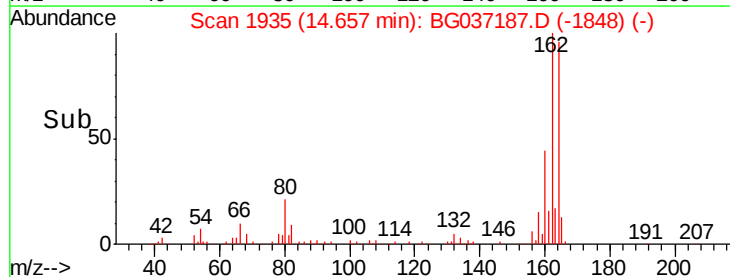
Ion 164.00 (163.70 to 164.70): E

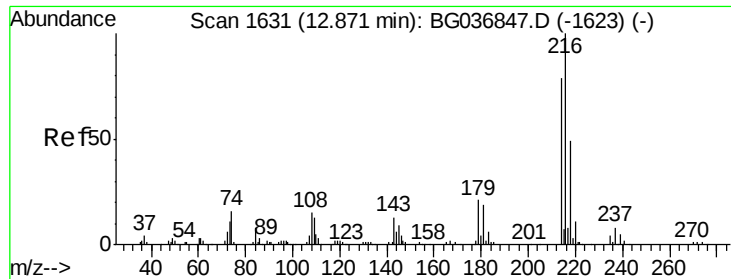
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.949 ng

RT: 12.85 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

Tot Ion:216 Resp: 155710

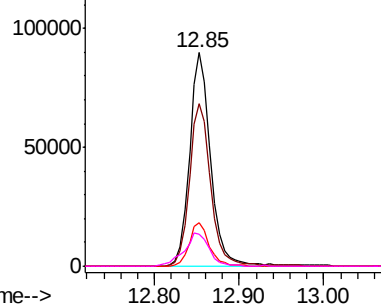
Ion	Ratio	Lower	Upper
216	100		
214	77.2	61.0	91.6
179	19.7	15.7	23.5
108	18.4	13.1	19.7

Abundance Ion 216.00 (215.70 to 216.70): E

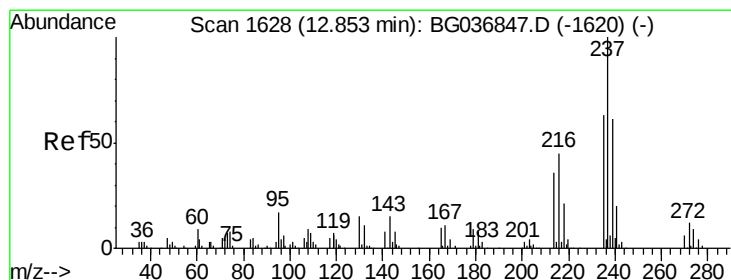
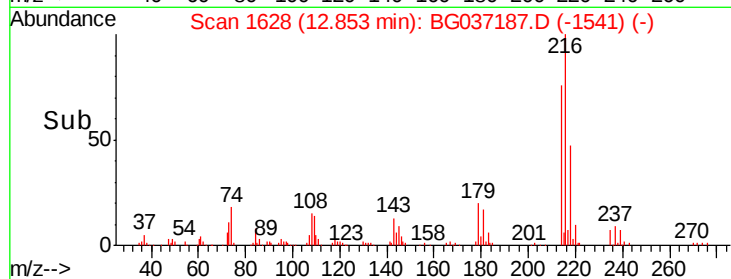
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 69.868 ng

RT: 12.83 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

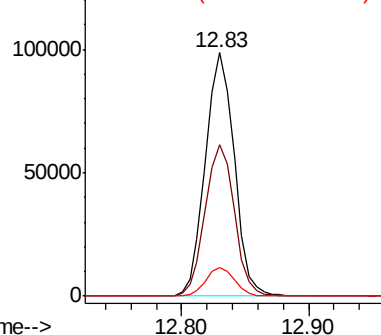
Tgt Ion:237 Resp: 155642

Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.2	82.2
272	11.9	0.0	32.1

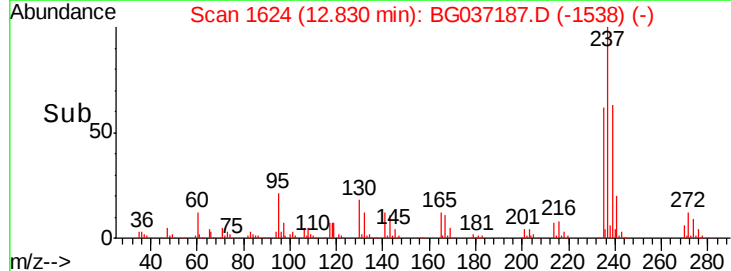
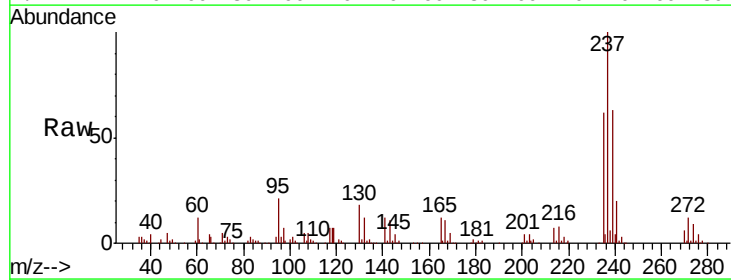
Abundance Ion 236.80 (236.50 to 237.50): E

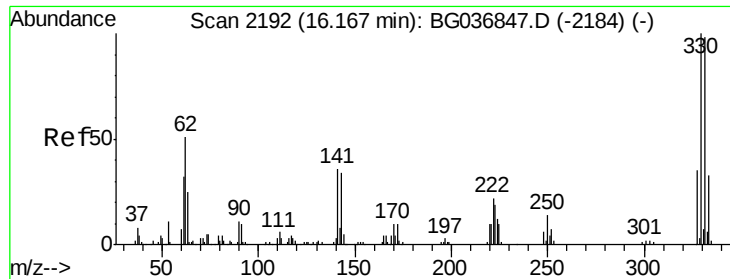
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





#41

2,4,6-Tribromophenol

Concen: 114.305 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

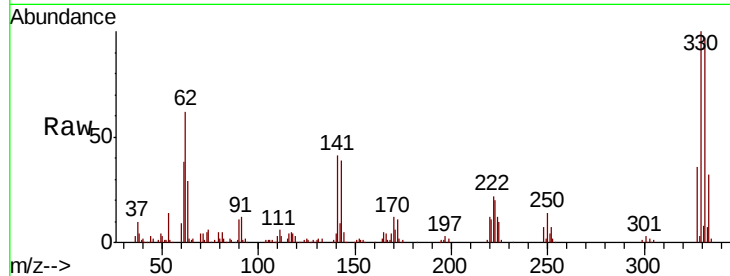
Tot Ion:330 Resp: 169835

Ion Ratio Lower Upper

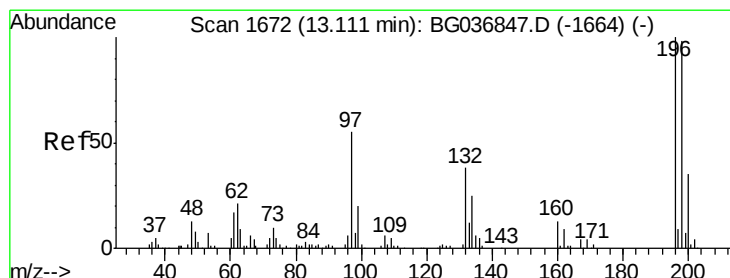
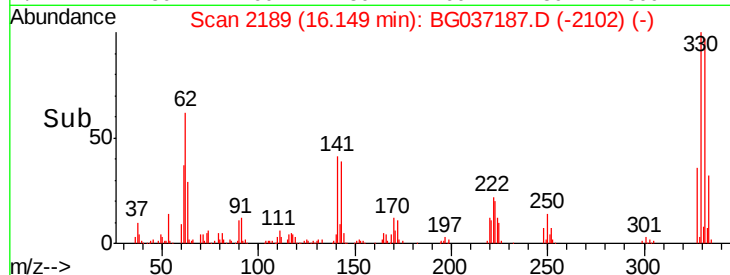
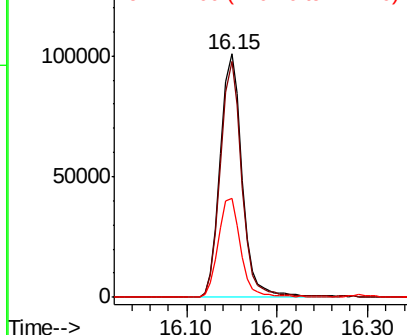
330 100

332 94.6 75.4 113.2

141 41.3 30.7 46.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 43.599 ng

RT: 13.09 min Scan# 1669

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

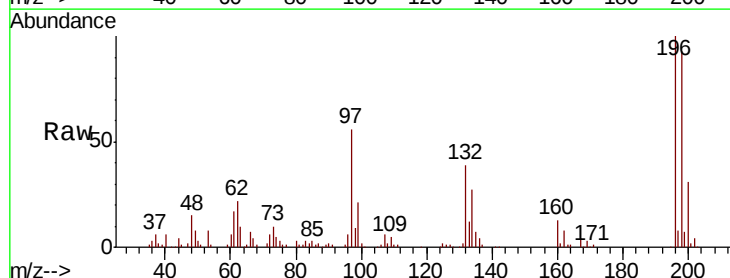
Tgt Ion:196 Resp: 104867

Ion Ratio Lower Upper

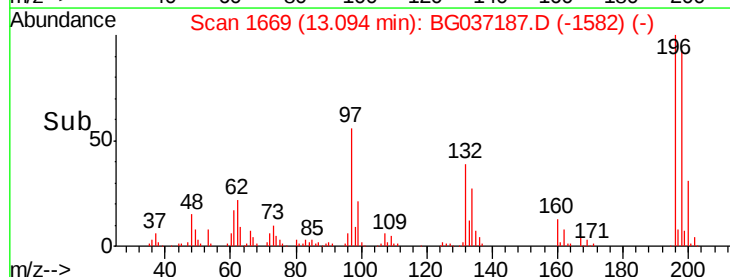
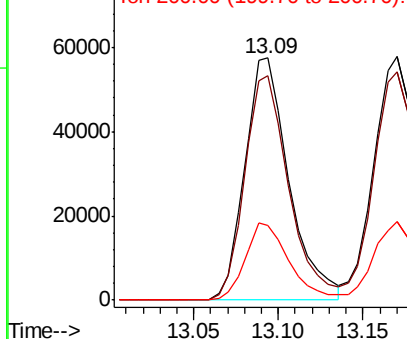
196 100

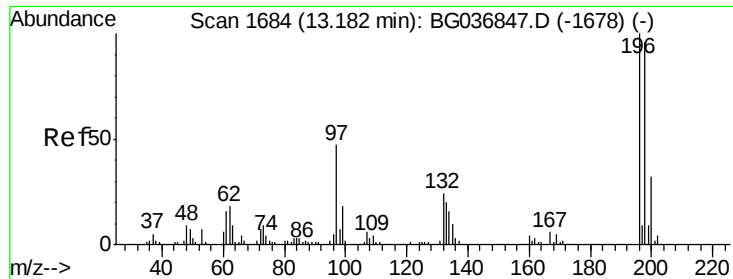
198 92.9 77.2 115.8

200 31.0 26.3 39.5



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

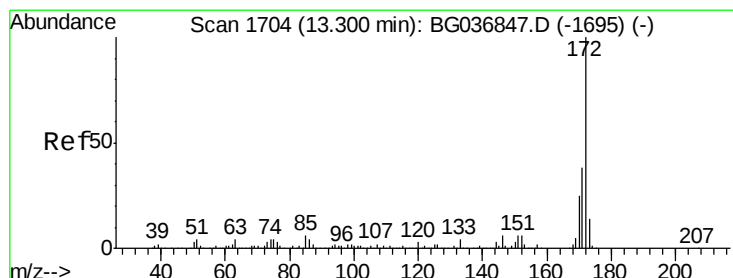
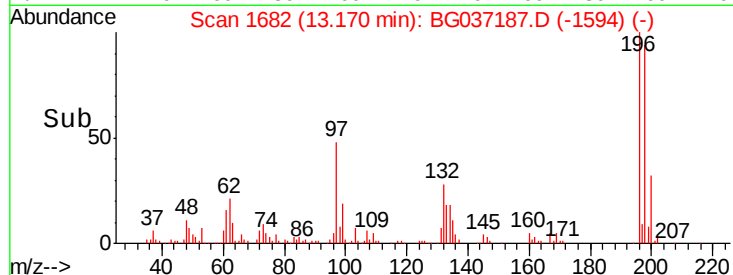
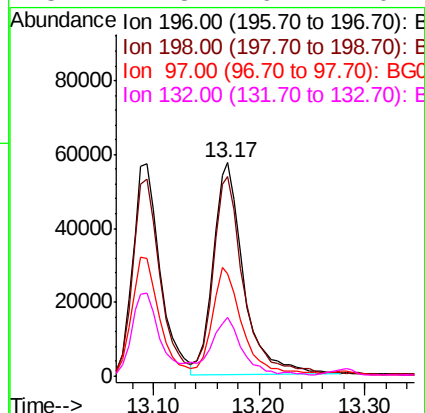
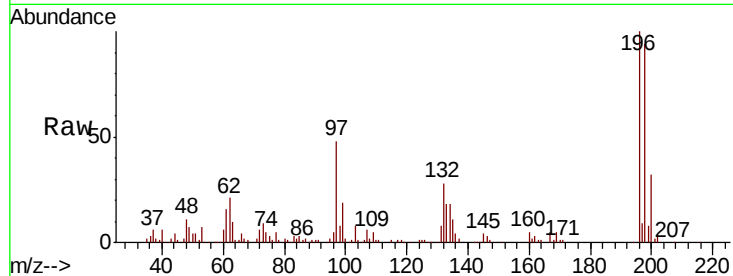




#43
 2,4,5-Trichlorophenol
 Concen: 44.902 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

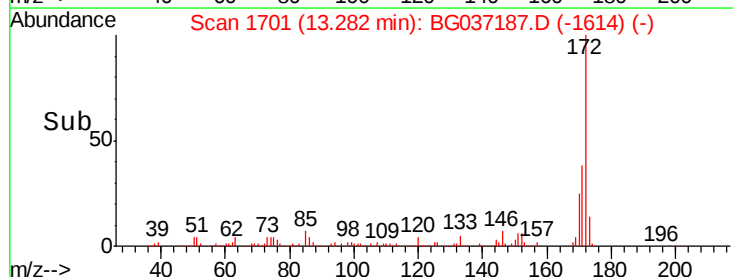
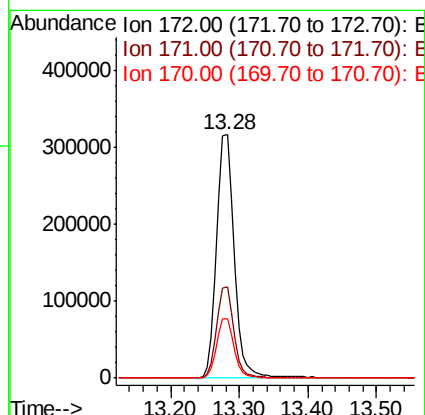
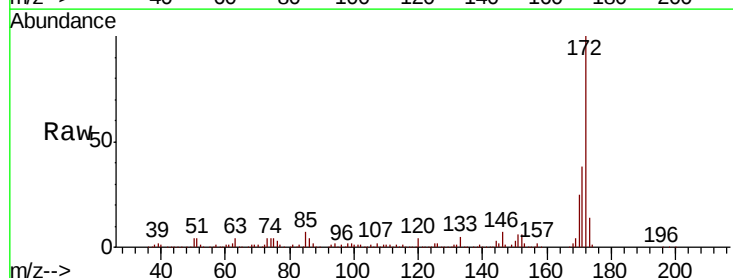
Instrument :
 BNA_G
 ClientSampleId :
 PB113493BS

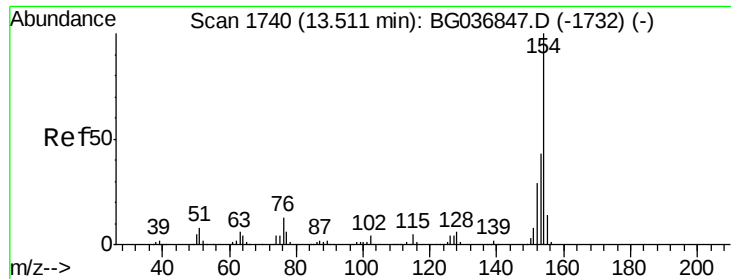
Tot Ion:196	Resp:	115161
Ion	Ratio	Lower Upper
196	100	
198	93.7	75.6 113.4
97	47.7	37.2 55.8
132	27.8	19.4 29.2



#44
 2-Fluorobiphenyl
 Concen: 67.788 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

Tgt Ion:172	Resp:	565218
Ion	Ratio	Lower Upper
172	100	
171	37.7	31.3 46.9
170	24.6	21.0 31.6

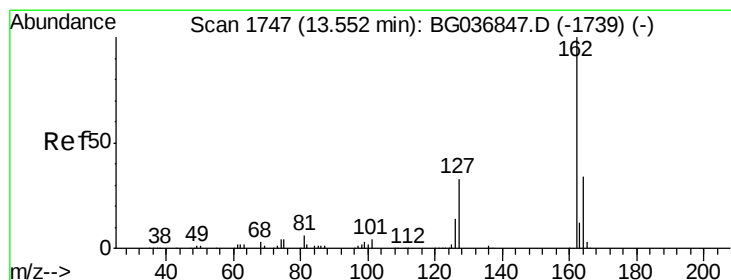
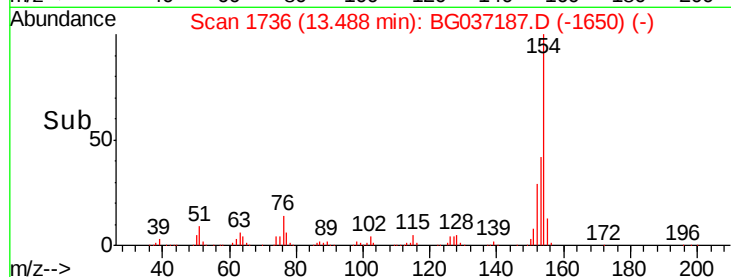
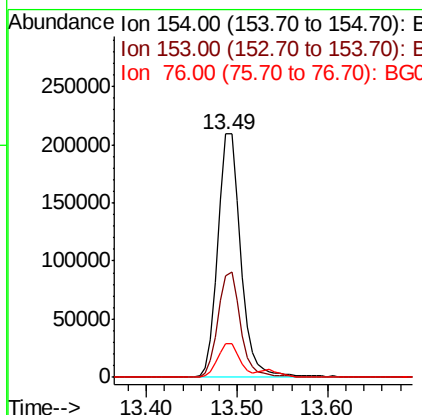
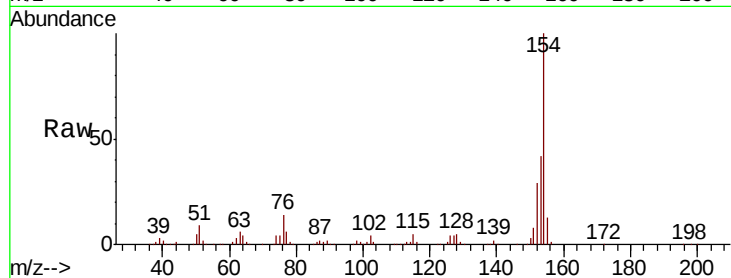




#45
 1,1'-Biphenyl
 Concen: 38.799 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. -0.02 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

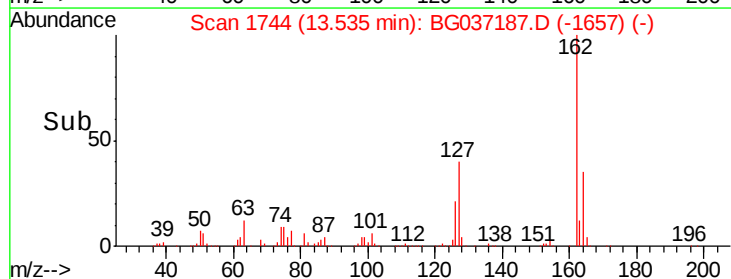
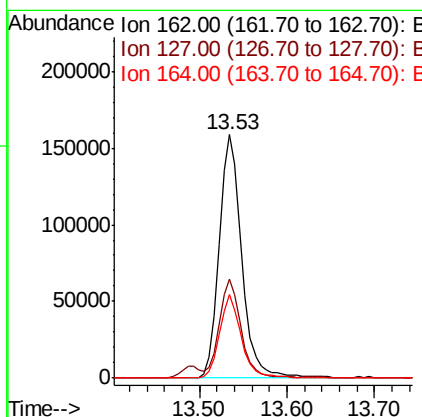
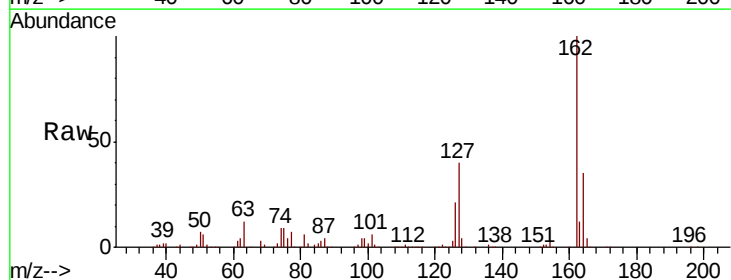
Instrument :
 BNA_G
 ClientSampleID :
 PB113493BS

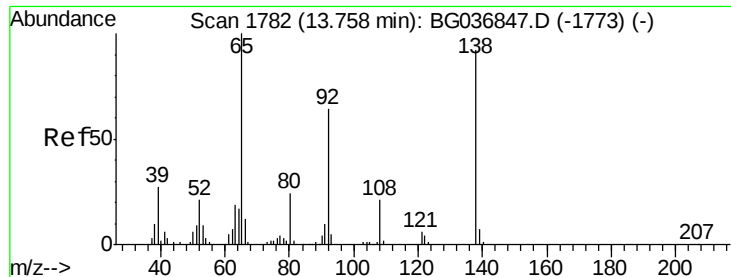
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	24.0	64.0
76	13.7	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 37.870 ng
 RT: 13.53 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	30.7	46.1
164	34.6	26.7	40.1





#47

2-Nitroaniline

Concen: 45.310 ng

RT: 13.74 min Scan# 1779

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

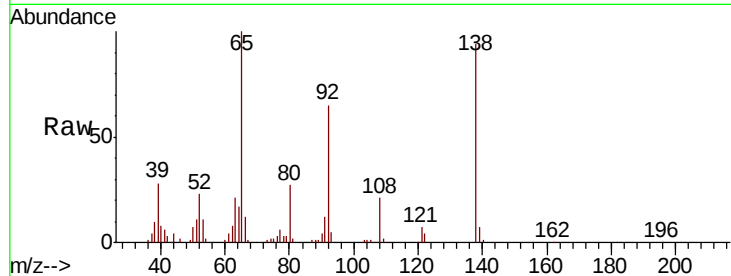
Tot Ion: 65 Resp: 117218

Ion Ratio Lower Upper

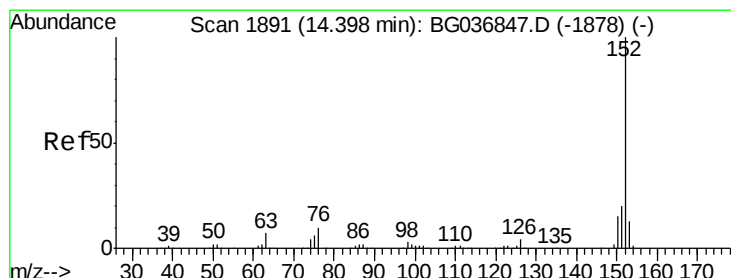
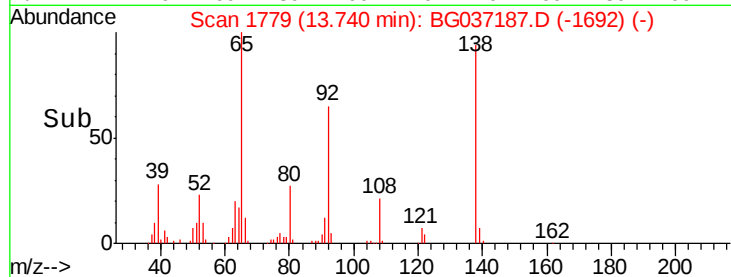
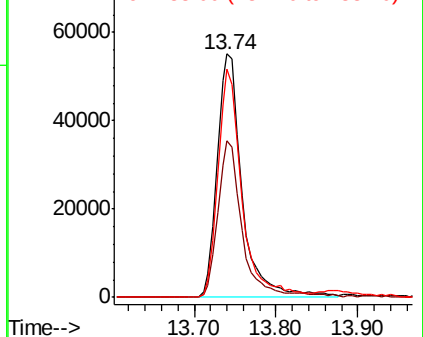
65 100

92 64.5 49.9 74.9

138 93.5 76.2 114.4



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



#48

Acenaphthylene

Concen: 42.491 ng

RT: 14.38 min Scan# 1888

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

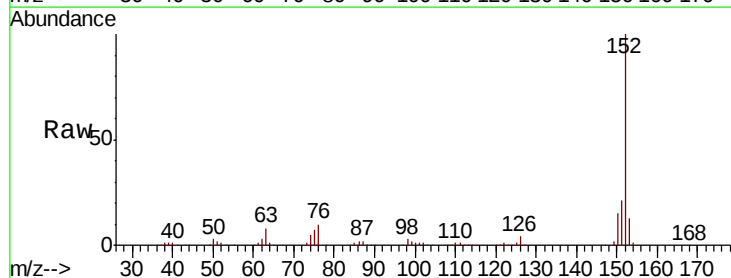
Tgt Ion: 152 Resp: 498018

Ion Ratio Lower Upper

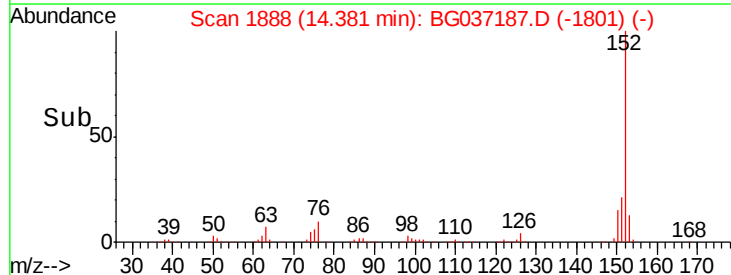
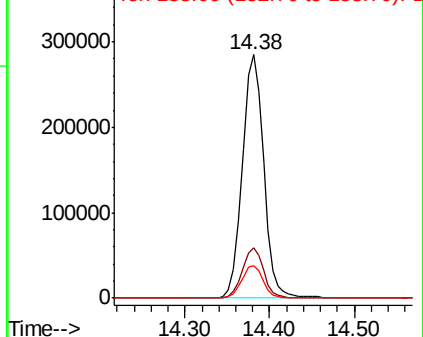
152 100

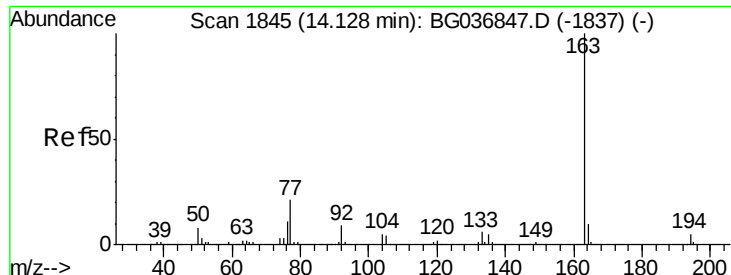
151 20.7 16.9 25.3

153 13.4 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: 40.725 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

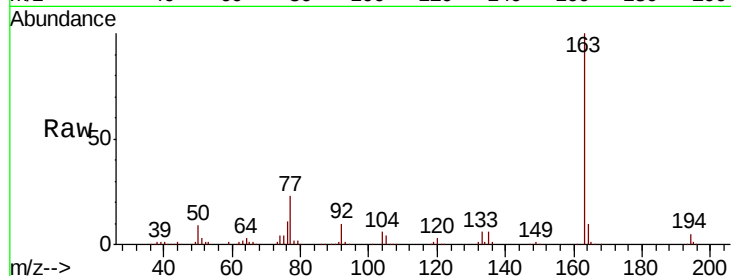
Tot Ion:163 Resp: 407093

Ion Ratio Lower Upper

163 100

194 4.7 4.0 6.0

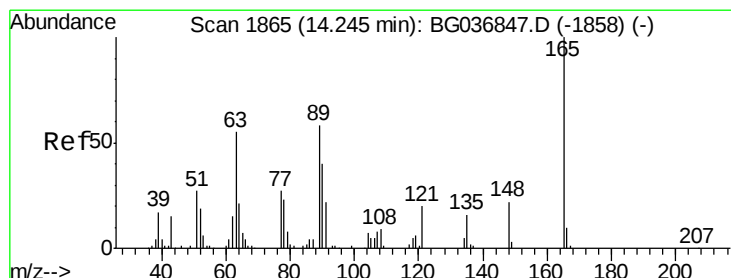
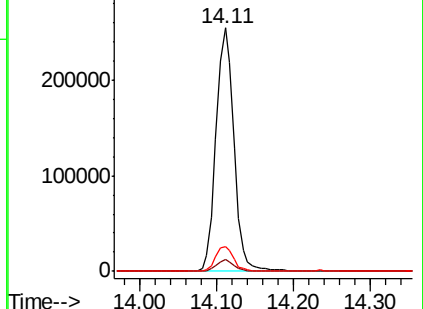
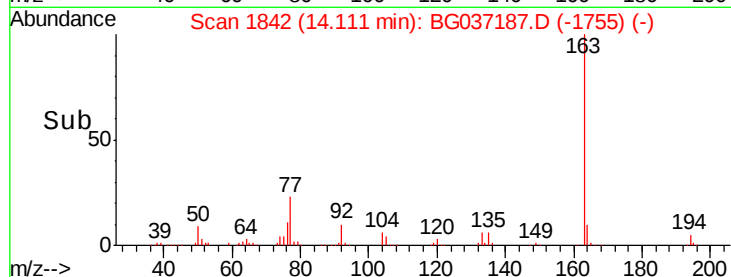
164 10.4 8.1 12.1



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: 41.529 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

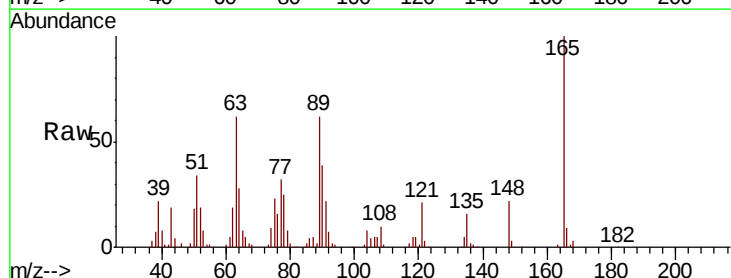
Tgt Ion:165 Resp: 90574

Ion Ratio Lower Upper

165 100

63 62.2 50.1 75.1

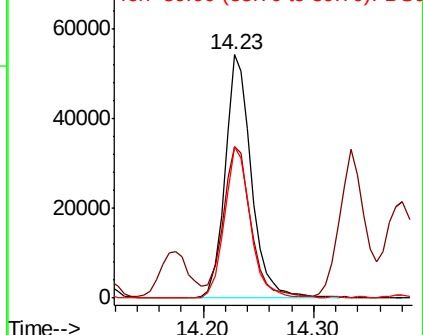
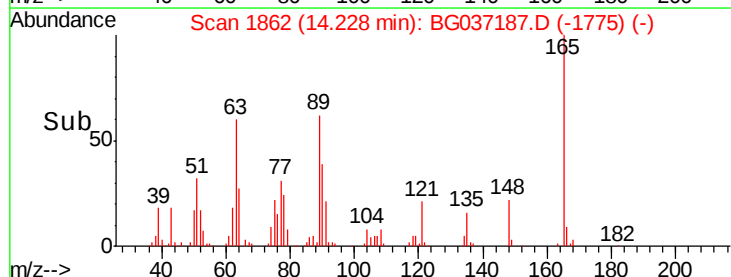
89 62.1 47.8 71.6

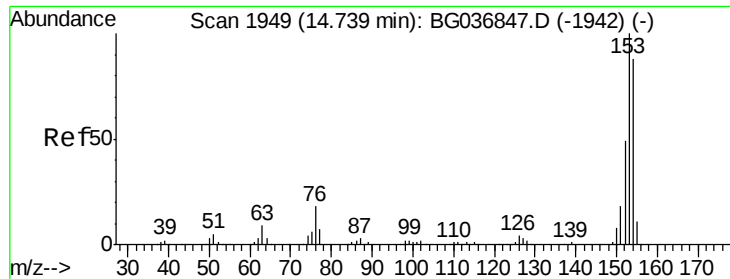


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.905 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

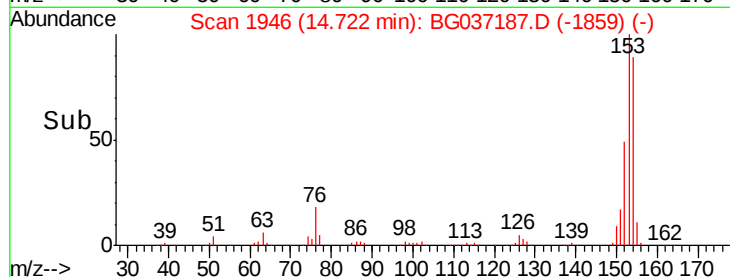
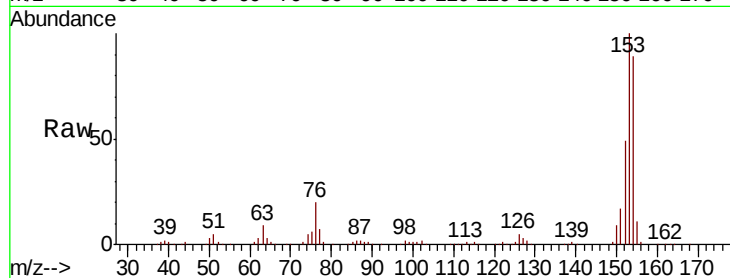
Tot Ion:154 Resp: 282670

Ion Ratio Lower Upper

154 100

153 112.7 91.8 137.6

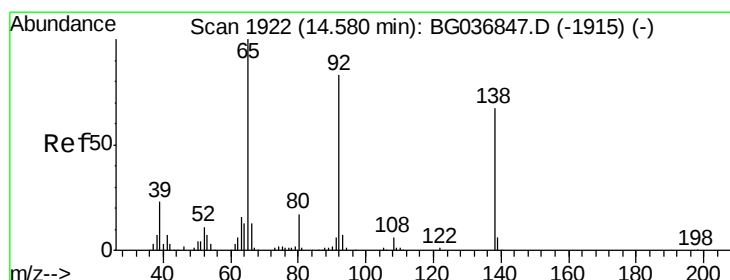
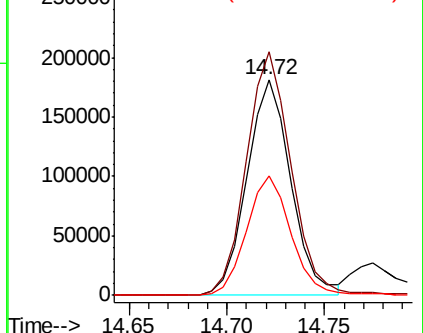
152 55.2 43.5 65.3



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: 32.243 ng

RT: 14.57 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

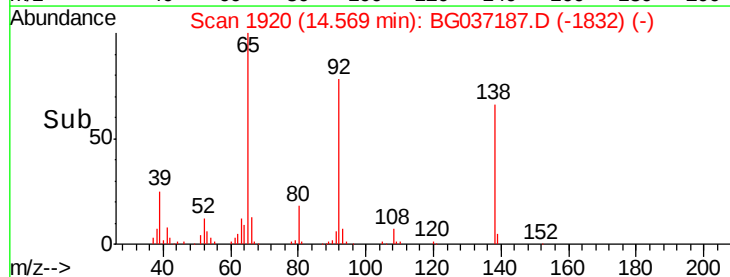
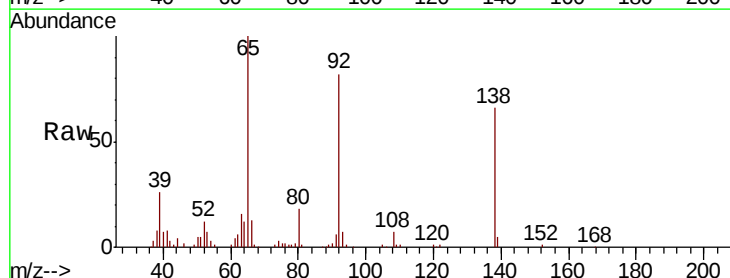
Tgt Ion:138 Resp: 74101

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.2

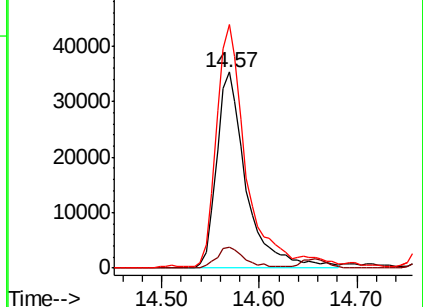
92 124.1 96.8 145.2

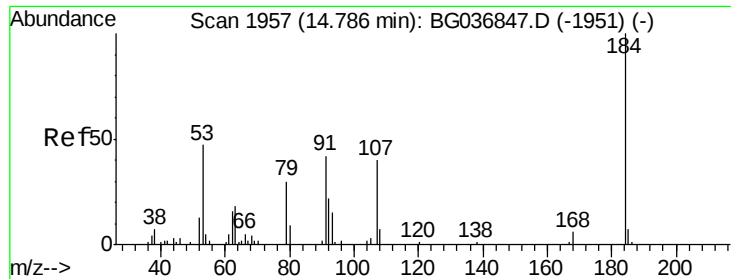


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 79.242 ng

RT: 14.77 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleID :

PB113493BS

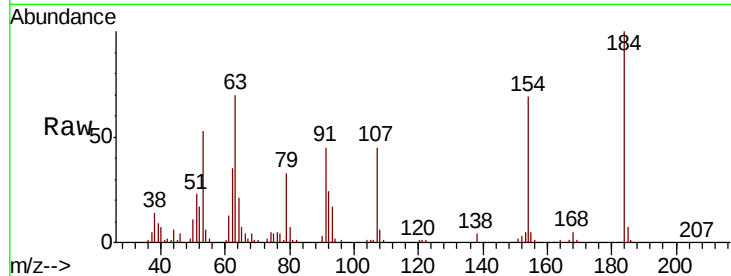
Tot Ion:184 Resp: 80913

Ion Ratio Lower Upper

184 100

63 69.9 47.3 70.9

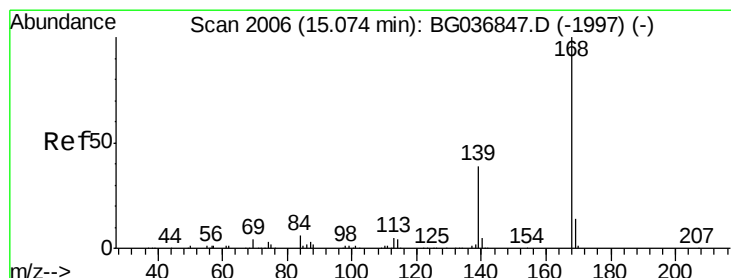
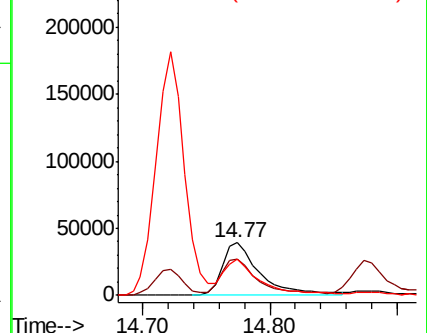
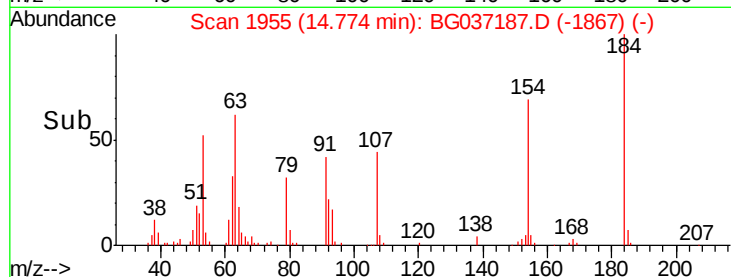
154 68.8 51.1 76.7



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: 40.002 ng

RT: 15.06 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

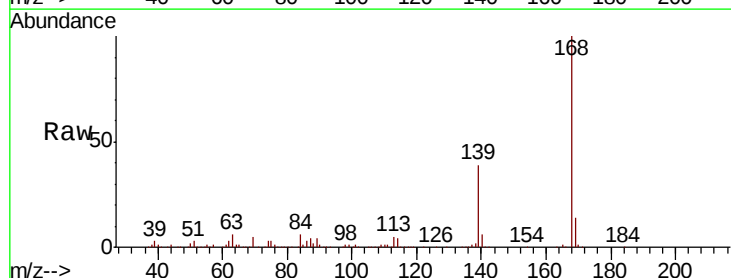
Tgt Ion:168 Resp: 479290

Ion Ratio Lower Upper

168 100

139 38.6 31.0 46.6

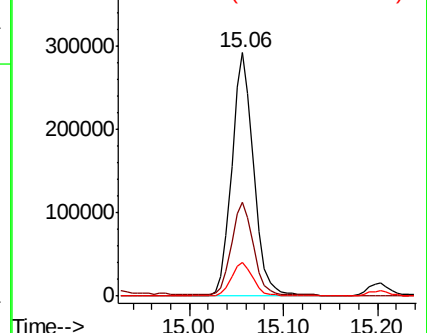
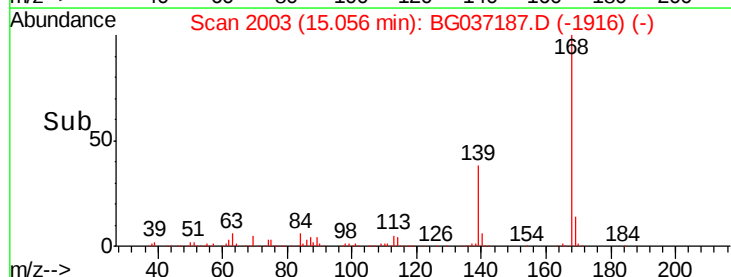
169 13.9 11.1 16.7



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

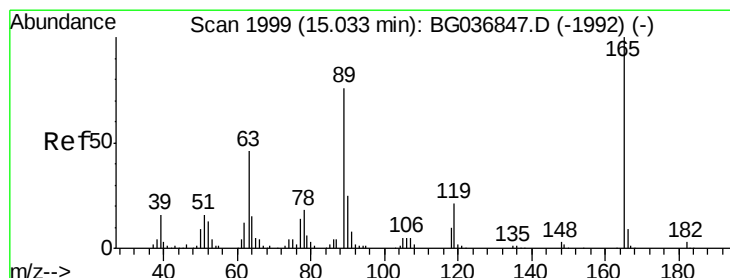
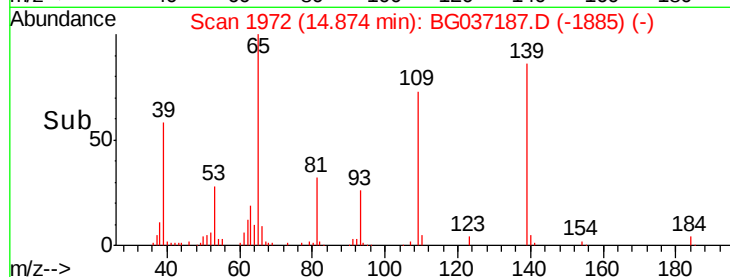
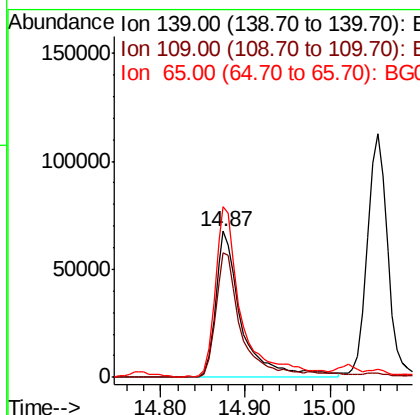
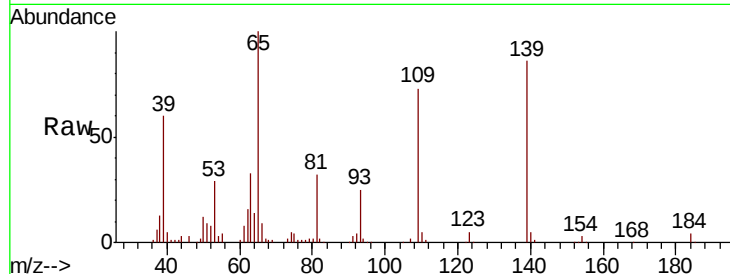




#55
4-Nitrophenol
Concen: 98.343 ng
RT: 14.87 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

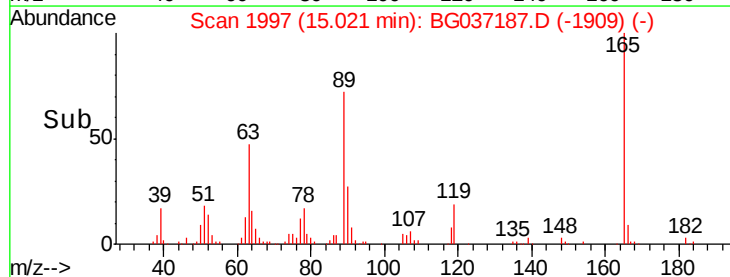
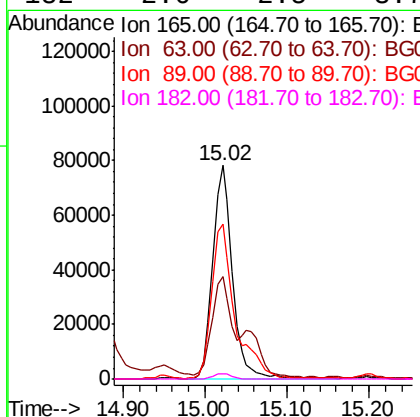
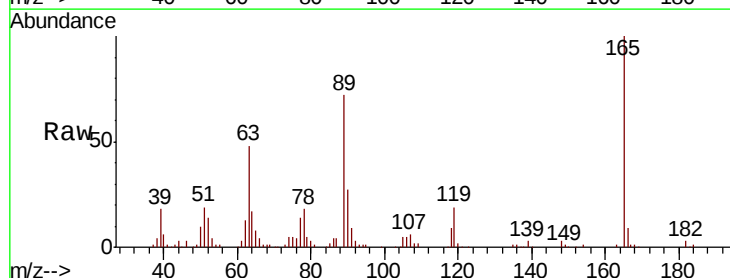
Instrument :
BNA_G
ClientSampleId :
PB113493BS

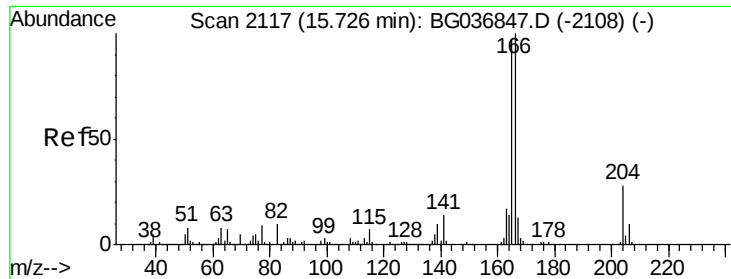
Tot Ion:139 Resp: 144387
Ion Ratio Lower Upper
139 100
109 85.6 63.9 103.9
65 116.8 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 43.500 ng
RT: 15.02 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

Tgt Ion:165 Resp: 132385
Ion Ratio Lower Upper
165 100
63 47.7 40.1 60.1
89 72.4 63.7 95.5
182 2.6 2.5 3.7





#57

Fluorene

Concen: 43.628 ng

RT: 15.70 min Scan# 2113

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

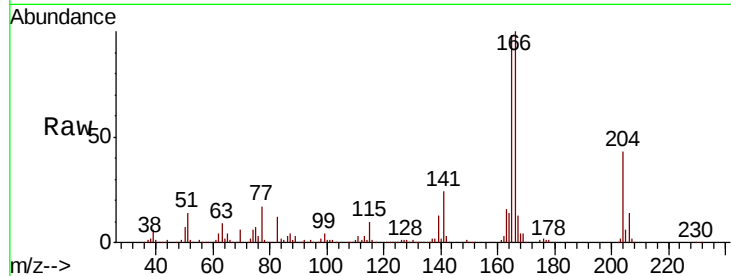
Tot Ion:166 Resp: 390706

Ion Ratio Lower Upper

166 100

165 97.7 77.0 115.4

167 13.0 10.6 16.0

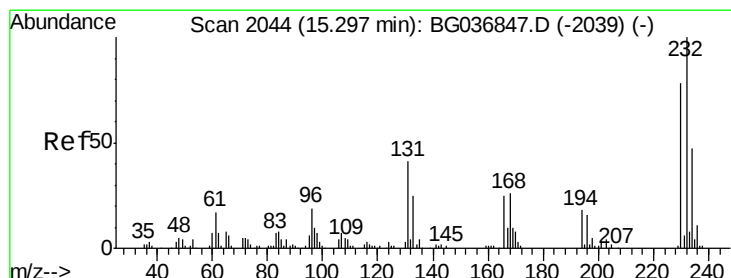
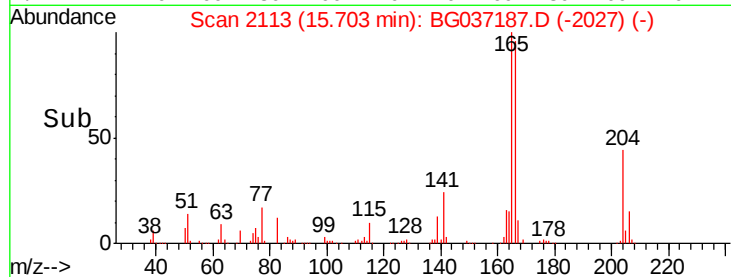
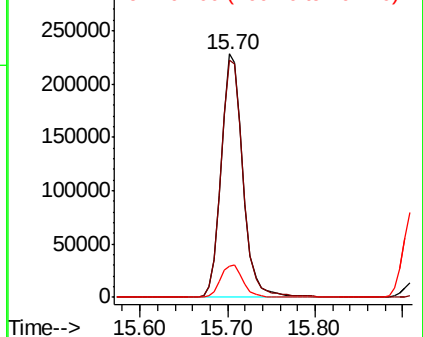


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.246 ng

RT: 15.29 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Tgt Ion:232 Resp: 117718

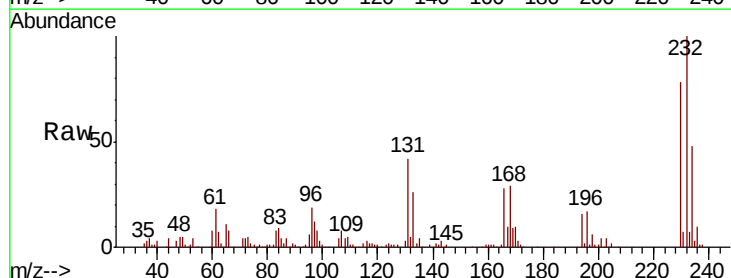
Ion Ratio Lower Upper

232 100

131 44.0 33.8 50.8

130 2.7 2.1 3.1

166 30.1 22.3 33.5



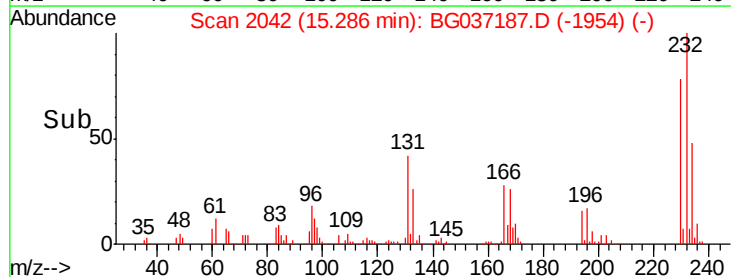
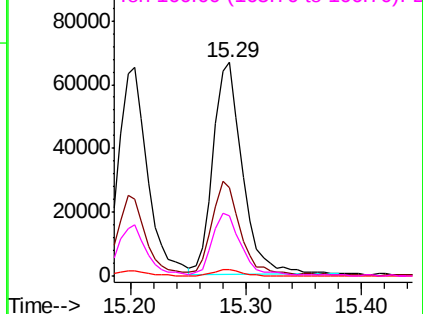
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.569 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

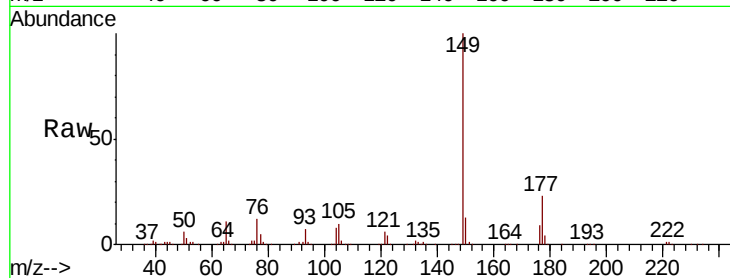
Tot Ion:149 Resp: 419100

Ion Ratio Lower Upper

149 100

177 23.2 19.1 28.7

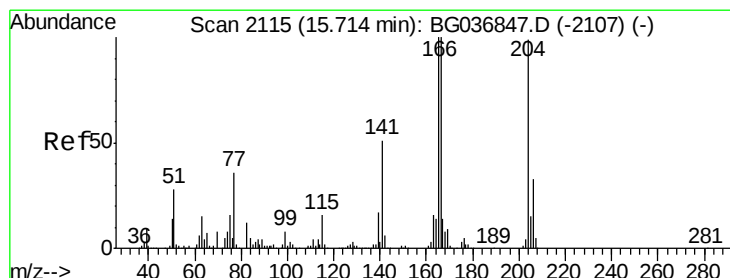
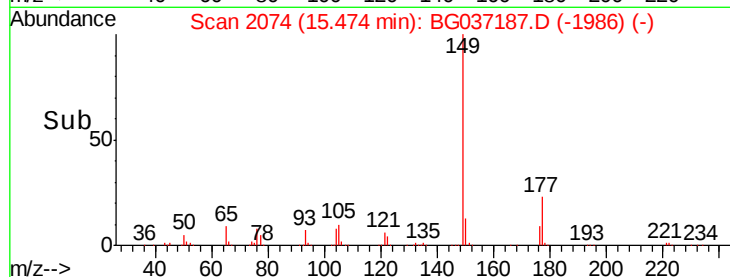
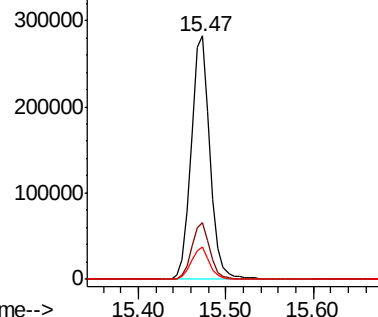
150 13.1 10.7 16.1



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: 37.412 ng

RT: 15.70 min Scan# 2112

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

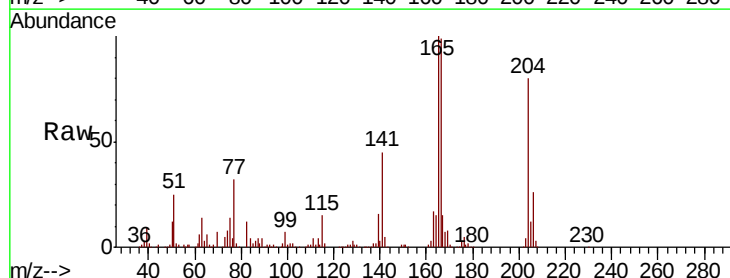
Tgt Ion:204 Resp: 212183

Ion Ratio Lower Upper

204 100

206 32.8 27.0 40.4

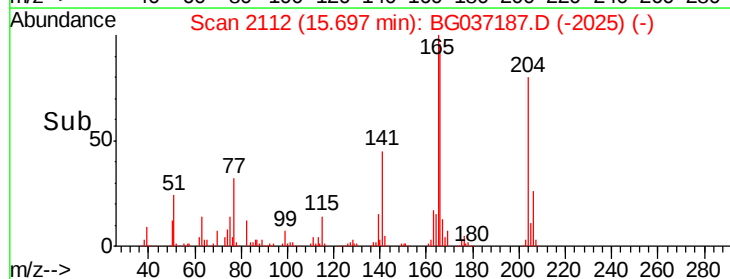
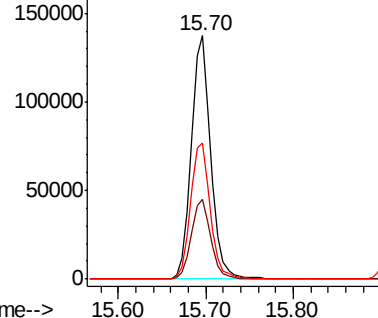
141 55.9 43.8 65.6

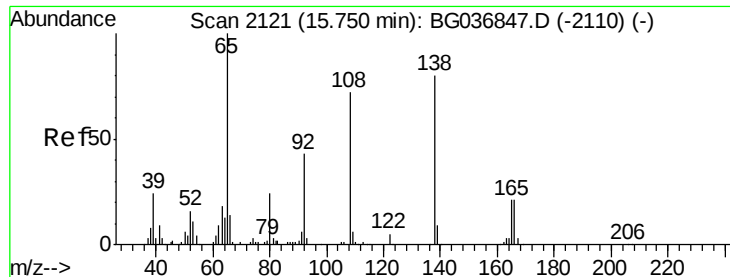


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.073 ng

RT: 15.73 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

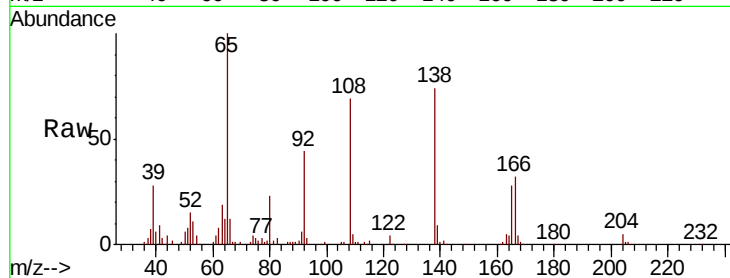
Tot Ion:138 Resp: 101708

Ion Ratio Lower Upper

138 100

92 58.9 38.5 78.5

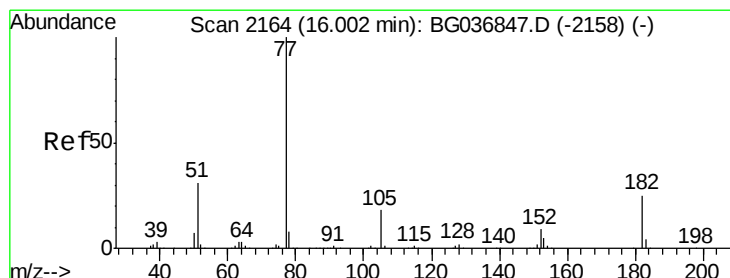
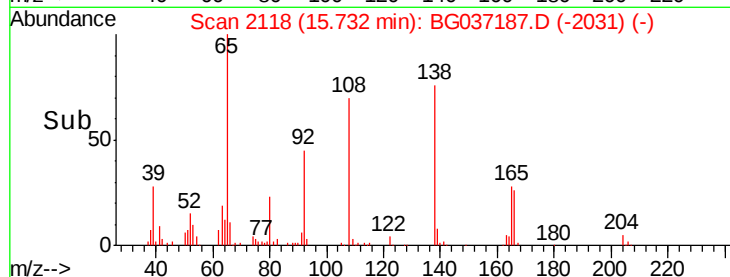
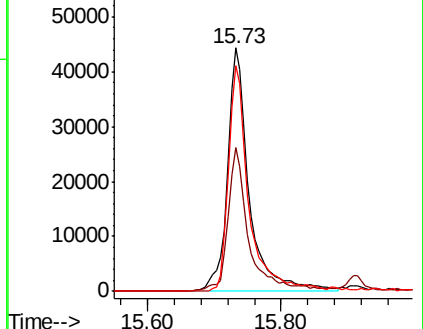
108 92.5 70.3 110.3



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: 44.804 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Tgt Ion: 77 Resp: 434034

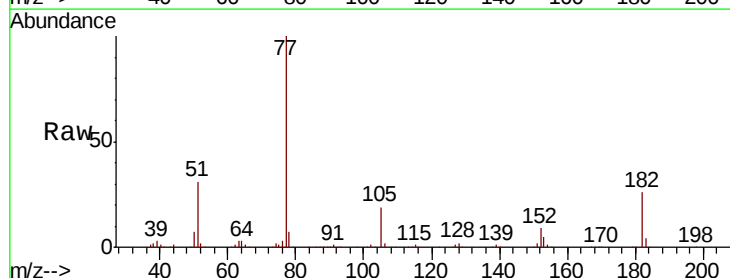
Ion Ratio Lower Upper

77 100

182 26.1 6.7 46.7

105 19.5 0.0 39.8

51 31.2 12.4 52.4

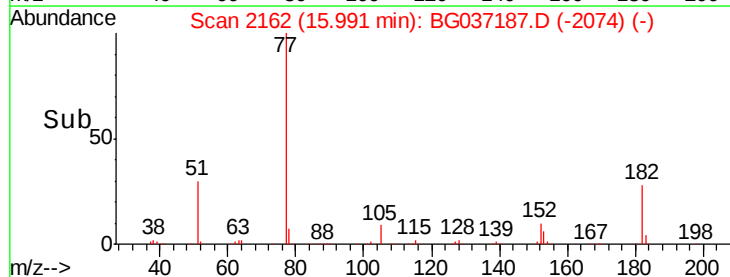
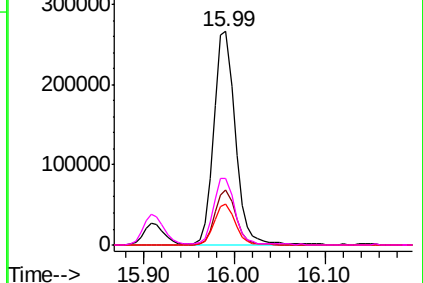


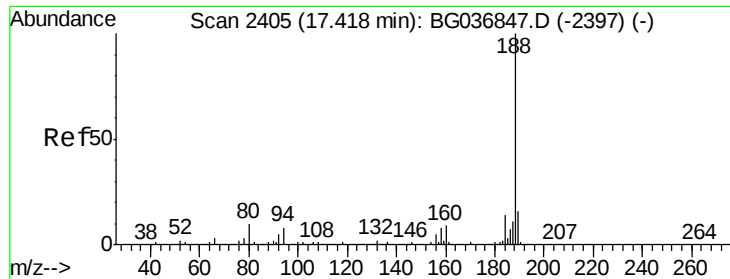
Abundance Ion 77.00 (76.70 to 77.70): BG

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. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

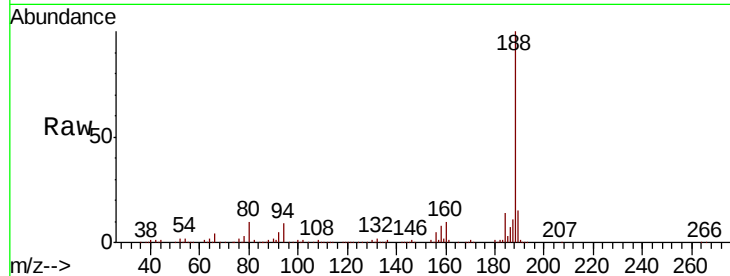
Tot Ion:188 Resp: 326998

Ion Ratio Lower Upper

188 100

94 8.5 6.7 10.1

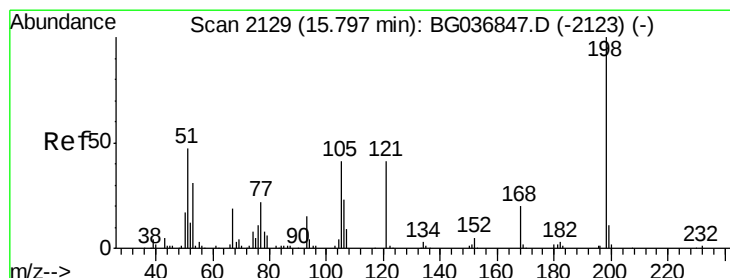
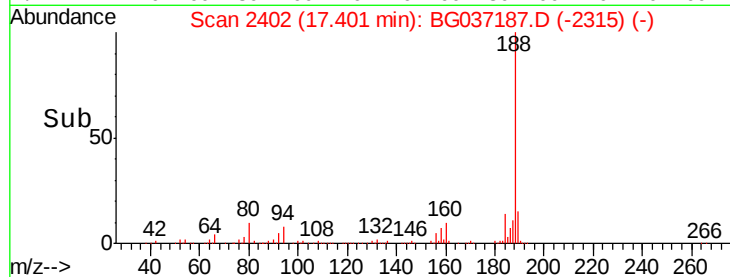
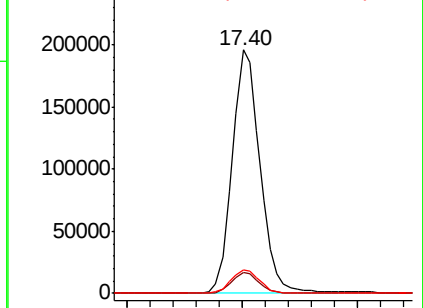
80 9.7 8.1 12.1



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: 40.271 ng

RT: 15.79 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

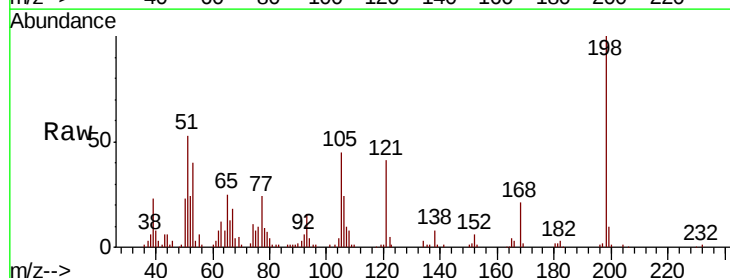
Tgt Ion:198 Resp: 68847

Ion Ratio Lower Upper

198 100

51 52.6 26.5 66.5

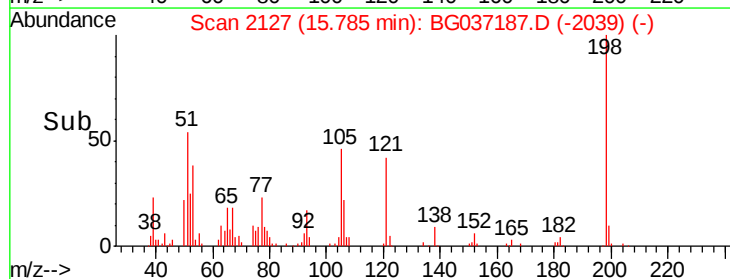
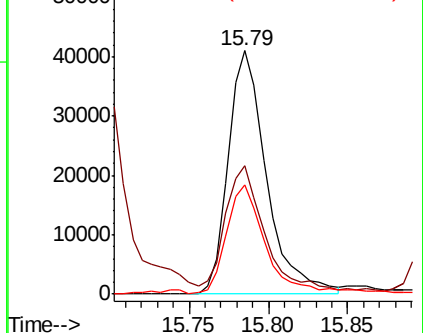
105 44.8 20.2 60.2

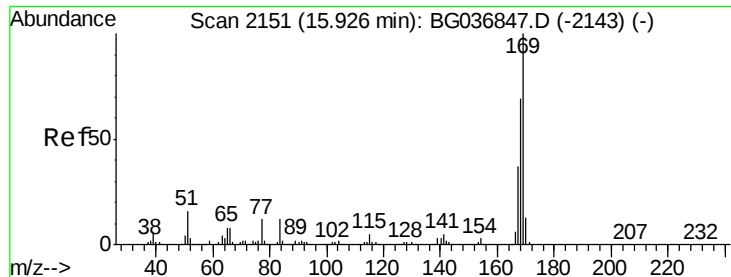


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

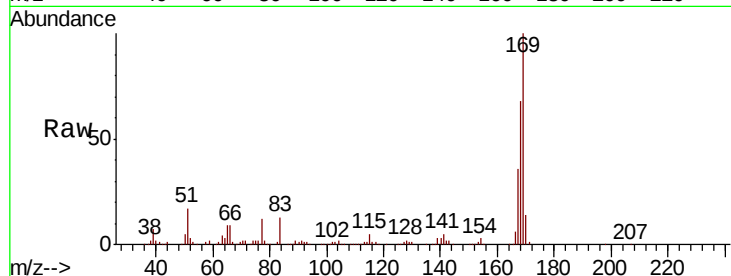




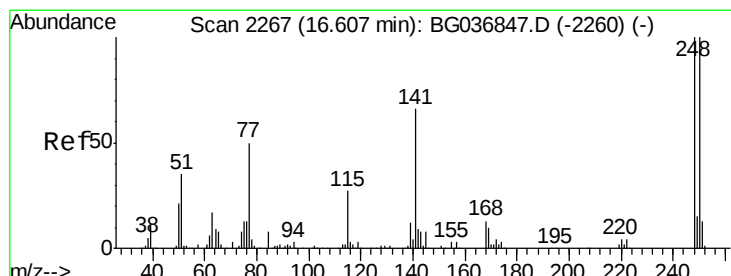
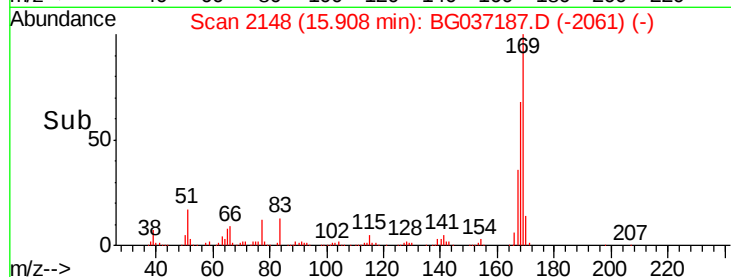
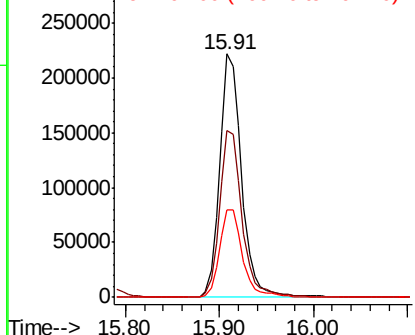
#65
 n-Nitrosodiphenylamine
 Concen: 39.954 ng
 RT: 15.91 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB113493BS

Tot Ion:169 Resp: 360683
 Ion Ratio Lower Upper
 169 100
 168 68.5 57.6 86.4
 167 35.7 31.0 46.4

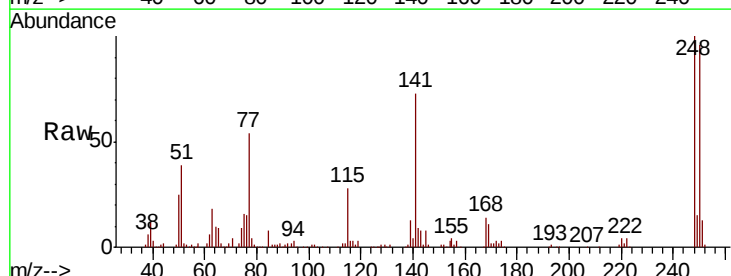


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

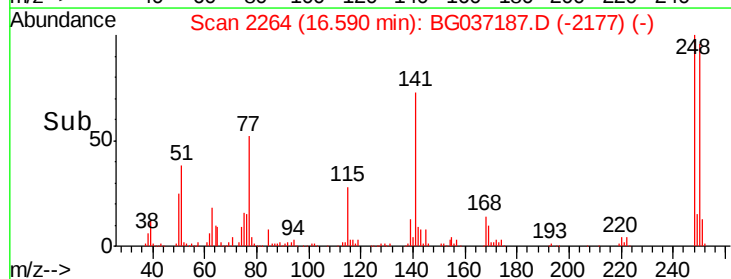
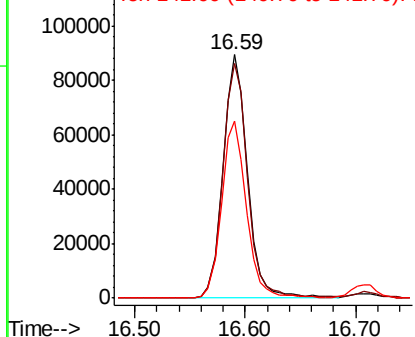


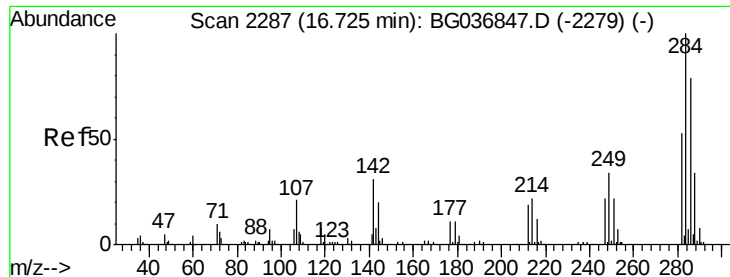
#66
 4-Bromophenyl-phenylether
 Concen: 37.255 ng
 RT: 16.59 min Scan# 2264
 Delta R.T. -0.02 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

Tgt Ion:248 Resp: 138568
 Ion Ratio Lower Upper
 248 100
 250 96.2 78.1 117.1
 141 72.7 53.7 80.5



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

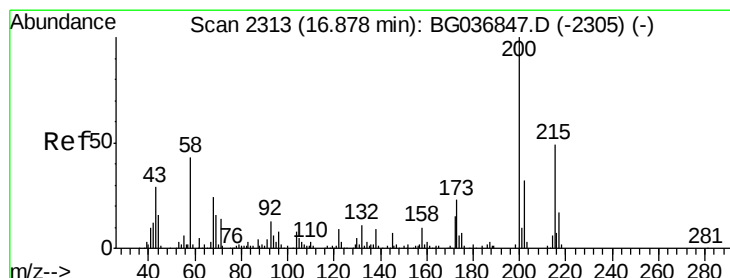
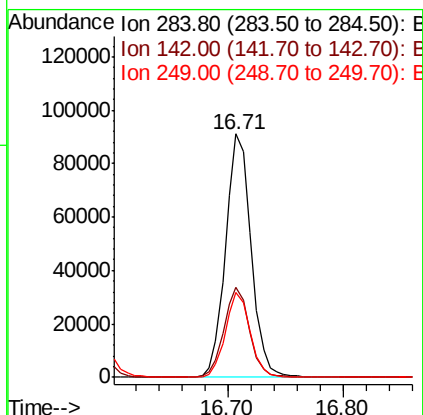
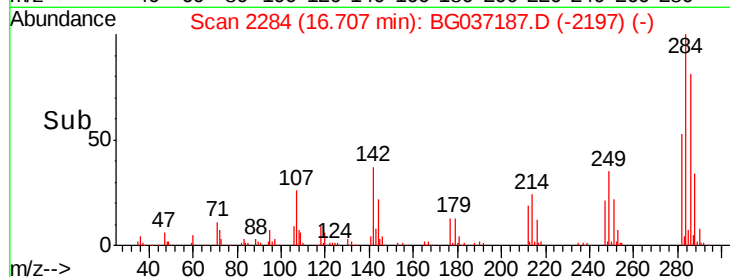
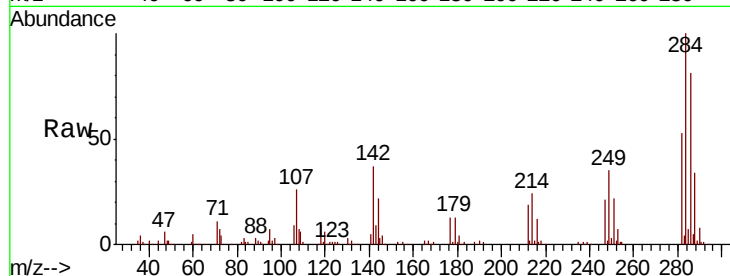




#67
Hexachlorobenzene
Concen: 36.412 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

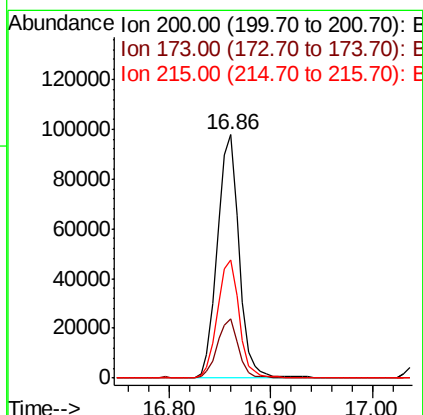
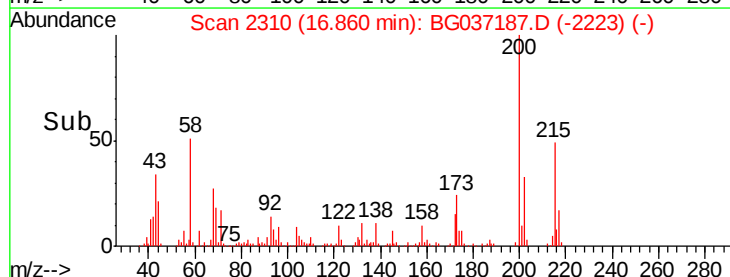
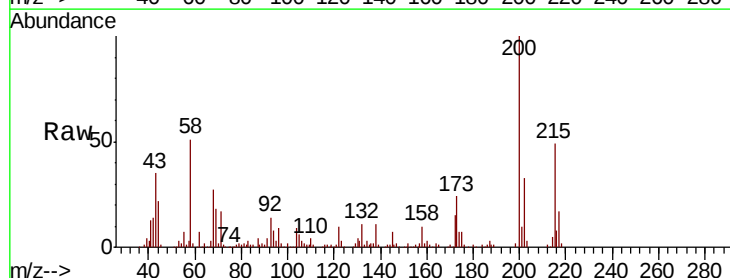
Instrument :
BNA_G
ClientSampleId :
PB113493BS

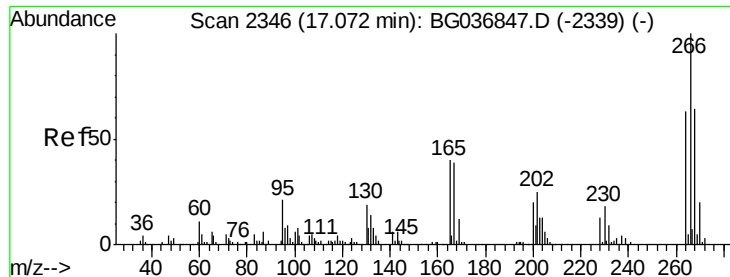
Tot Ion:284 Resp: 139485
Ion Ratio Lower Upper
284 100
142 36.8 27.8 41.6
249 35.0 27.4 41.2



#68
Atrazine
Concen: 39.917 ng
RT: 16.86 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

Tgt Ion:200 Resp: 145907
Ion Ratio Lower Upper
200 100
173 24.3 3.9 43.9
215 48.6 30.4 70.4

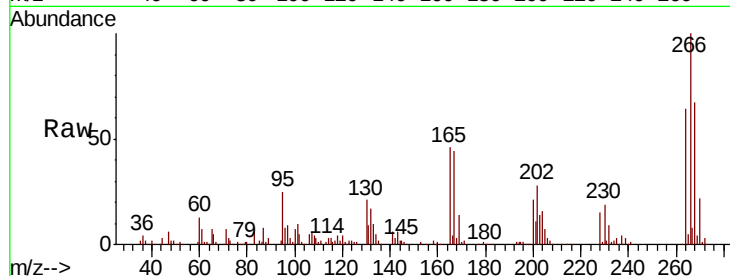




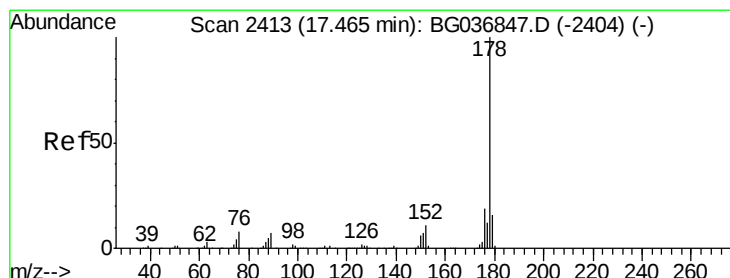
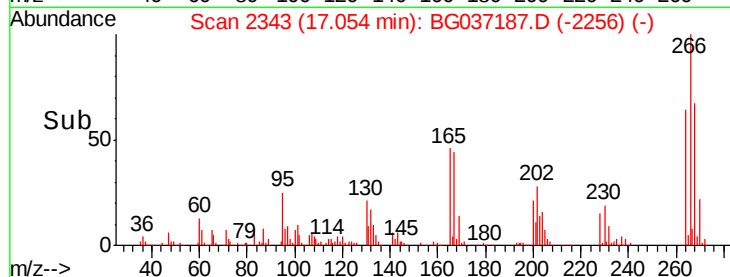
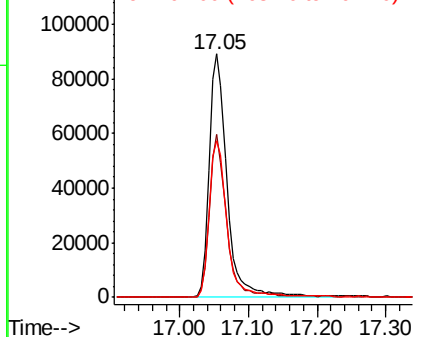
#69
 Pentachlorophenol
 Concen: 67.051 ng
 RT: 17.05 min Scan# 2343
 Delta R.T. -0.02 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB113493BS

Tot Ion:266 Resp: 161717
 Ion Ratio Lower Upper
 266 100
 268 67.0 51.4 77.2
 264 64.4 48.9 73.3

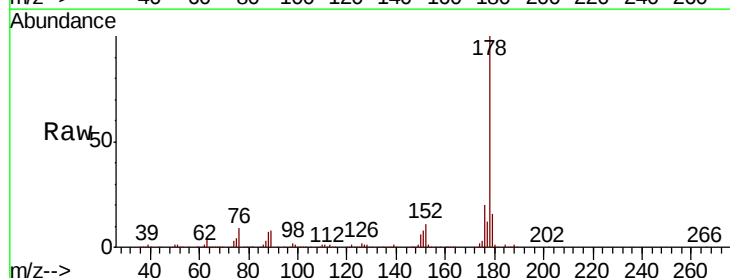


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

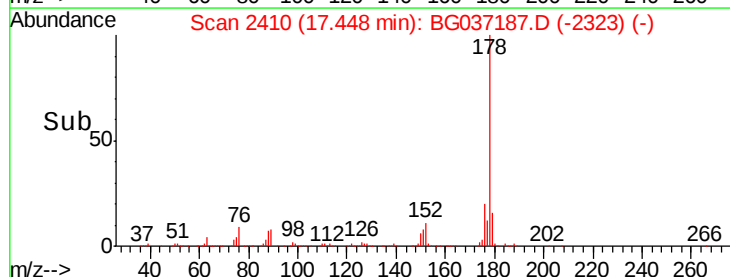
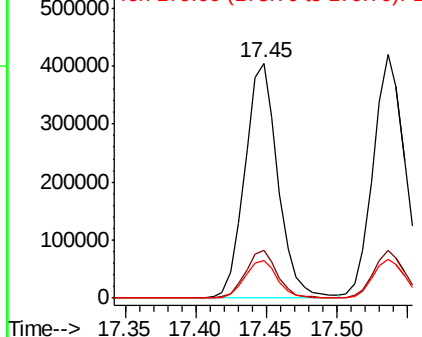


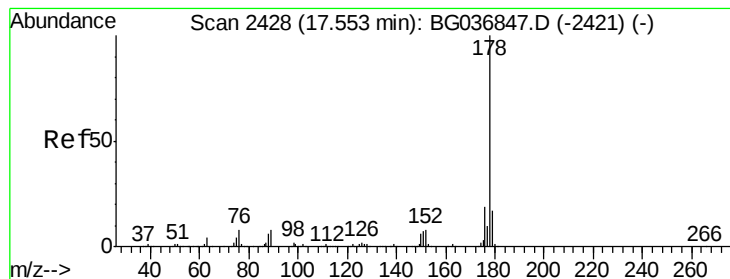
#70
 Phenanthrene
 Concen: 42.244 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.02 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

Tgt Ion:178 Resp: 665670
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.4 23.2
 179 16.1 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: 44.122 ng

RT: 17.54 min Scan# 2425

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

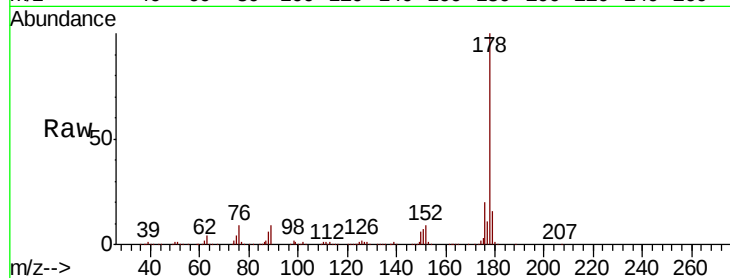
Tot Ion:178 Resp: 687484

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

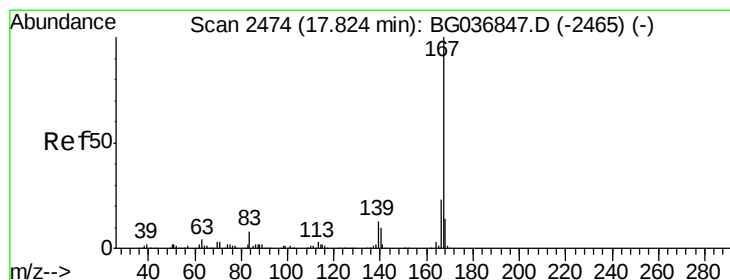
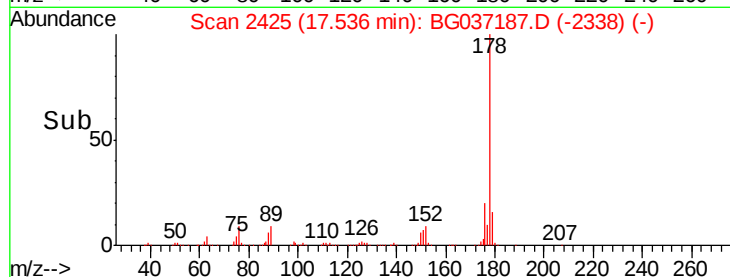
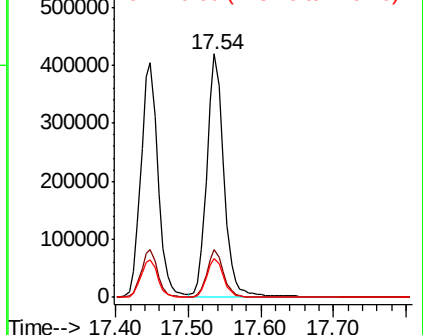
179 16.0 13.0 19.4



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



#72

Carbazole

Concen: 40.526 ng

RT: 17.81 min Scan# 2471

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

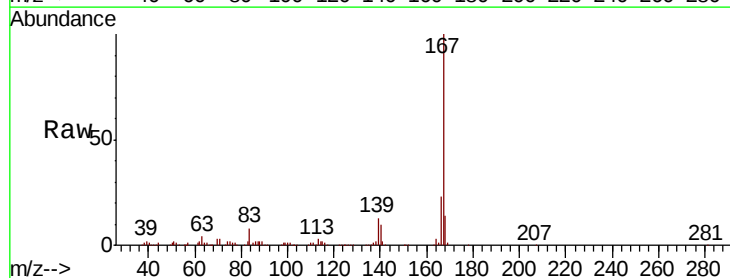
Tgt Ion:167 Resp: 615674

Ion Ratio Lower Upper

167 100

166 23.1 19.5 29.3

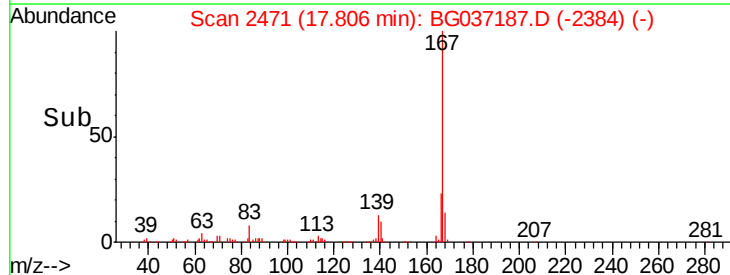
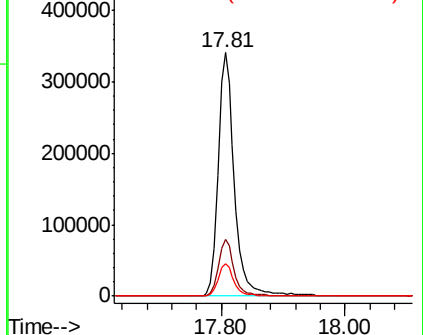
139 13.4 10.7 16.1

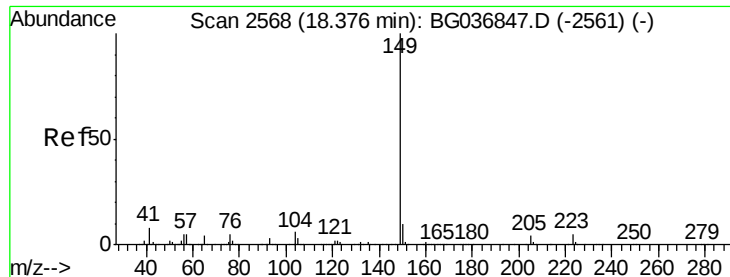


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

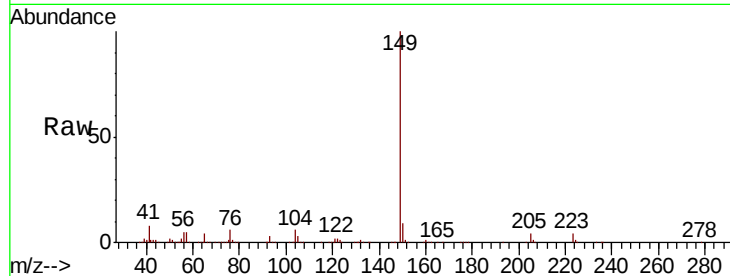




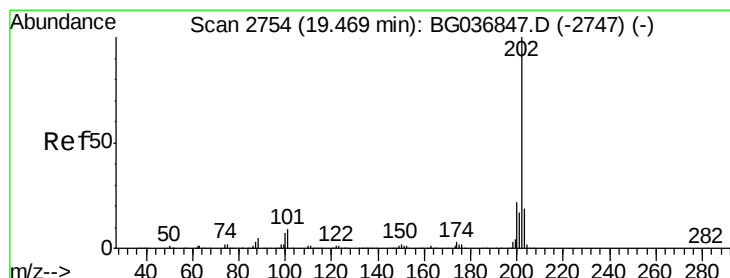
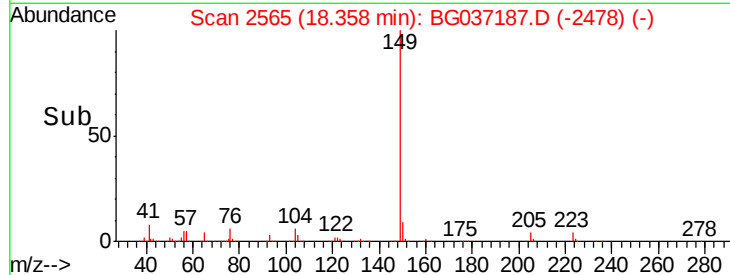
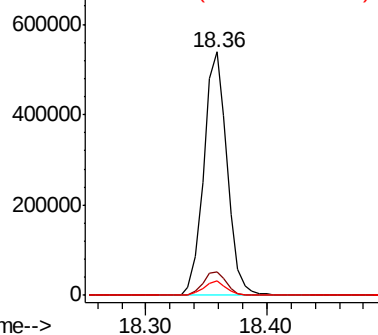
#73
Di-n-butylphthalate
Concen: 42.974 ng
RT: 18.36 min Scan# 2565
Delta R.T. -0.02 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

Instrument :
BNA_G
ClientSampleId :
PB113493BS

Tot Ion:149 Resp: 725022
Ion Ratio Lower Upper
149 100
150 9.5 8.1 12.1
104 6.2 4.6 6.8

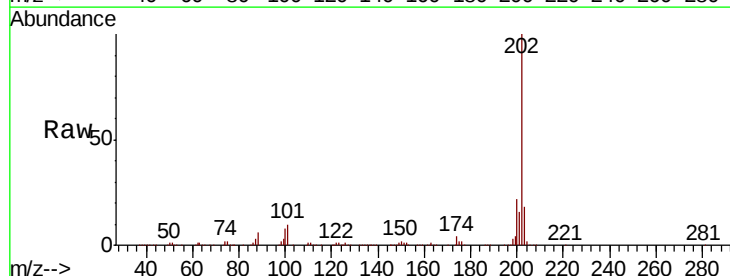


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

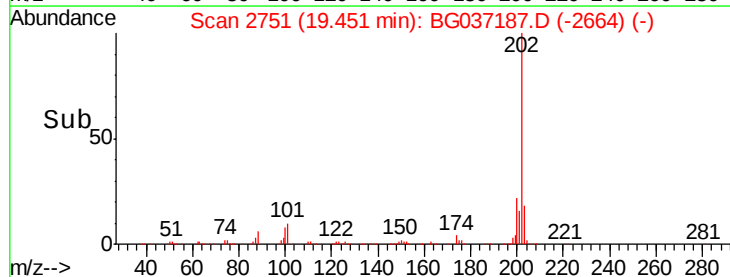
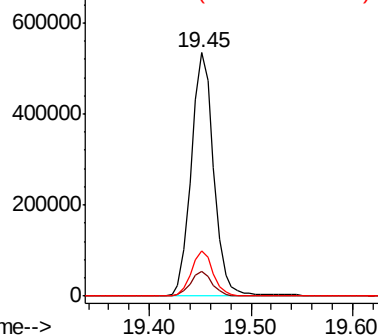


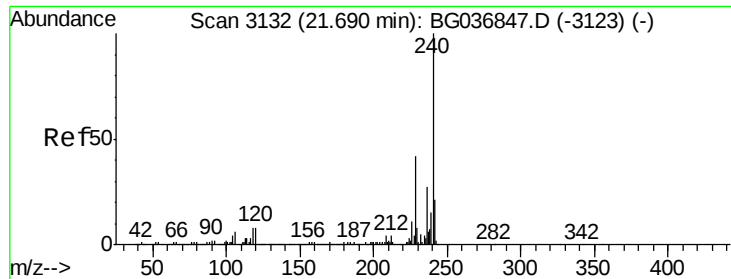
#74
Fluoranthene
Concen: 43.425 ng
RT: 19.45 min Scan# 2751
Delta R.T. -0.02 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

Tgt Ion:202 Resp: 823683
Ion Ratio Lower Upper
202 100
101 10.2 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# 3129

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

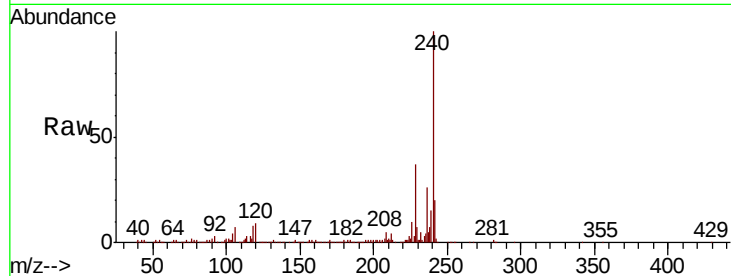
Tot Ion:240 Resp: 336427

Ion Ratio Lower Upper

240 100

120 9.0 6.9 10.3

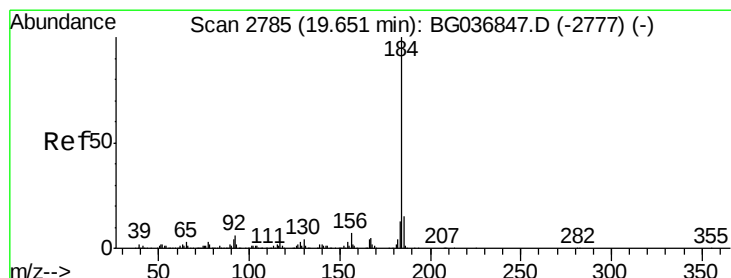
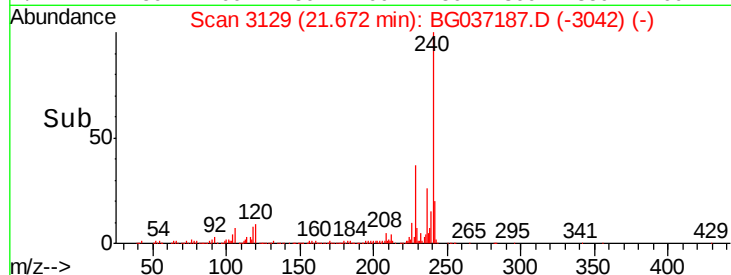
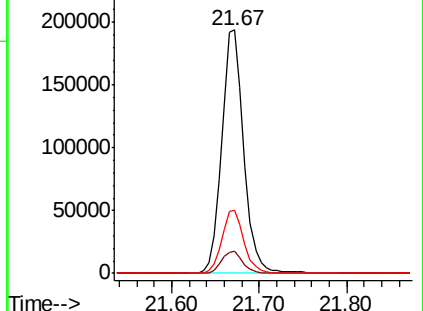
236 26.0 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.113 ng

RT: 19.63 min Scan# 2782

Delta R.T. -0.02 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

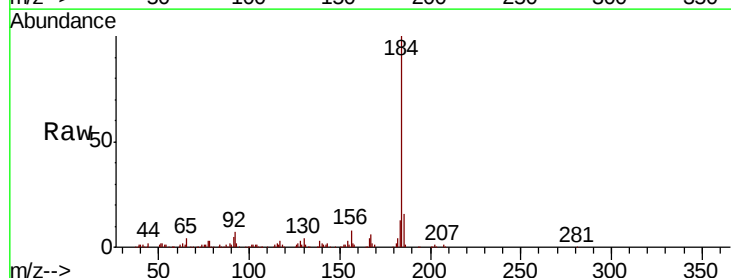
Tgt Ion:184 Resp: 285914

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

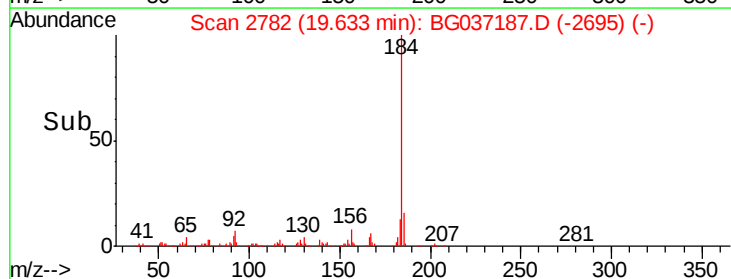
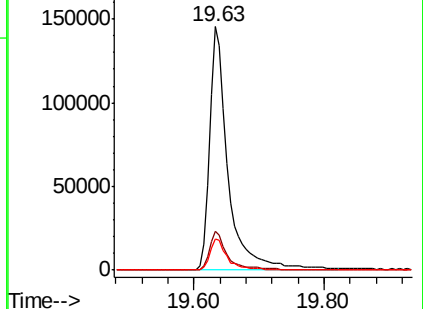
183 12.9 10.9 16.3

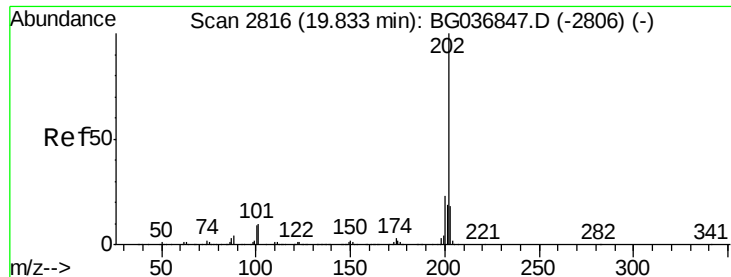


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

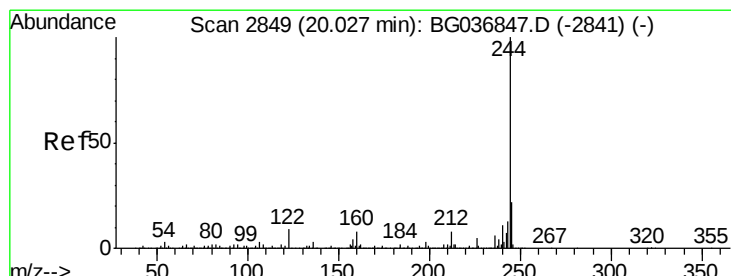
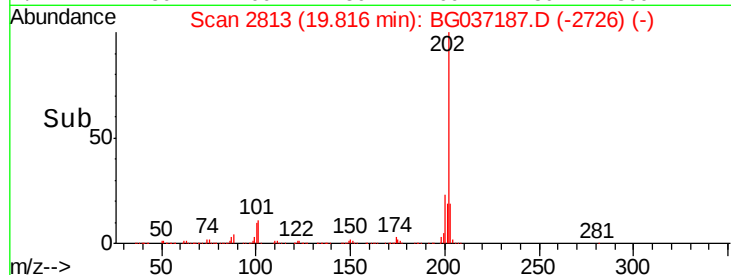
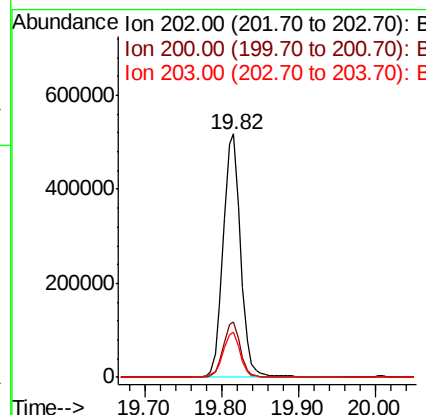
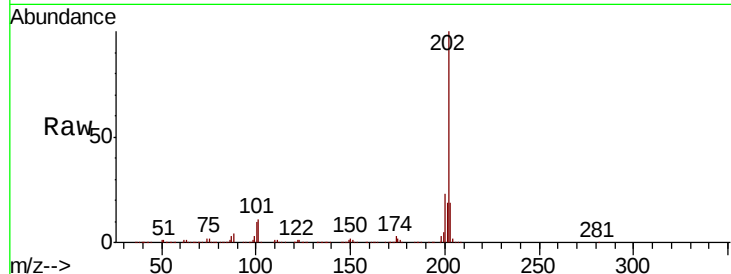




#77
Pvrene
Concen: 39.847 ng
RT: 19.82 min Scan# 2813
Delta R.T. -0.02 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

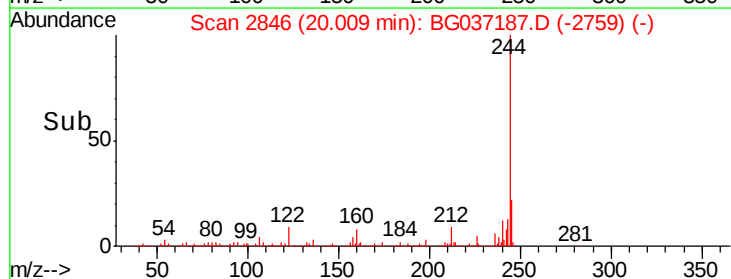
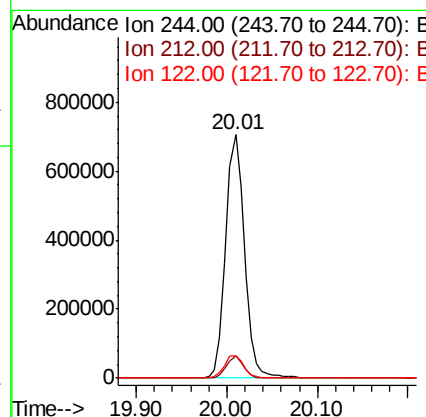
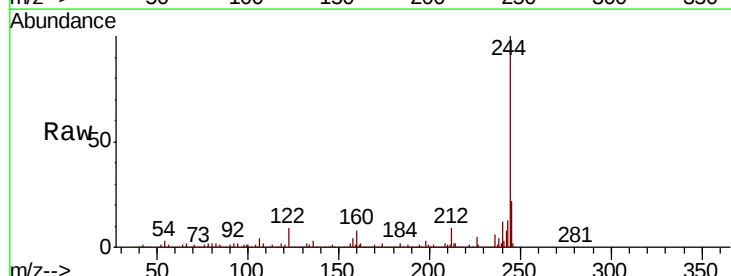
Instrument :
BNA_G
ClientSampleId :
PB113493BS

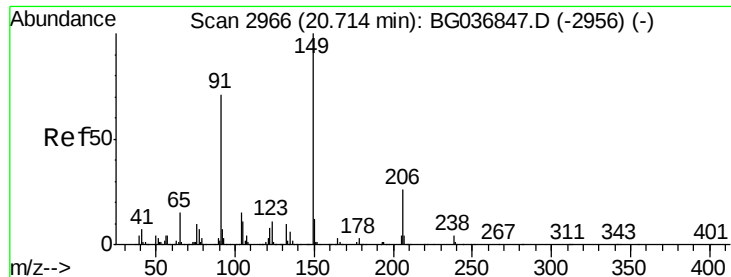
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.3	27.5
203	18.8	15.1	22.7



#78
Terphenyl-d14
Concen: 79.250 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.3	7.1	10.7

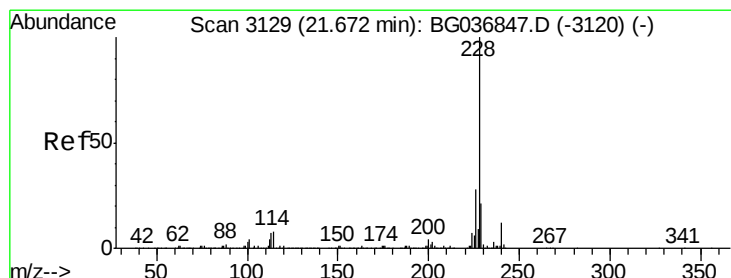
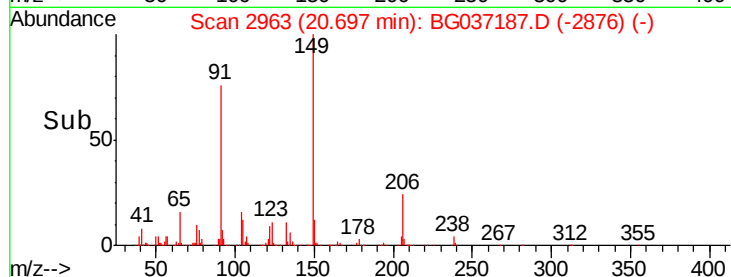
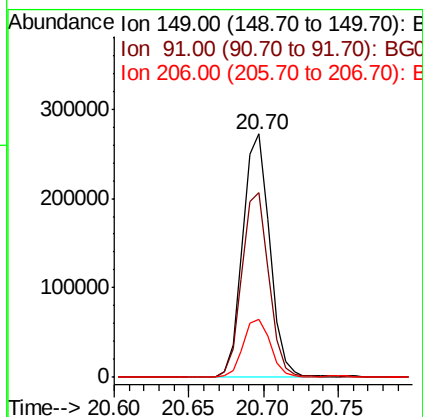
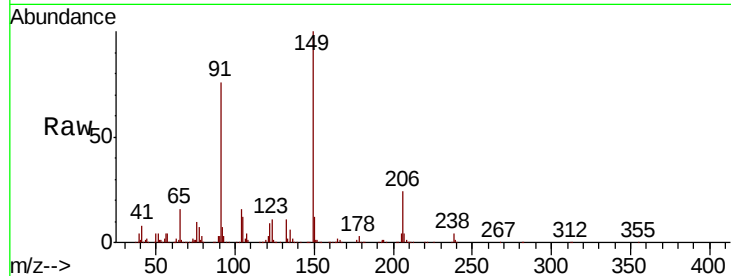




#79
Butylbenzylphthalate
Concen: 42.433 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.02 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

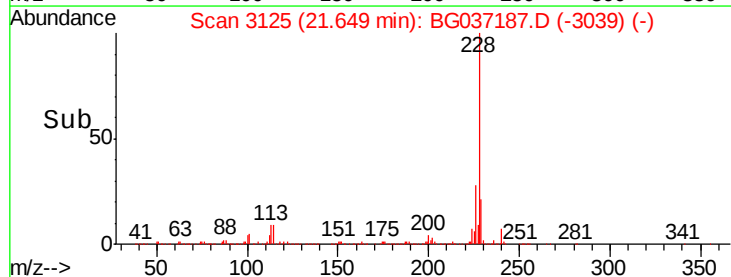
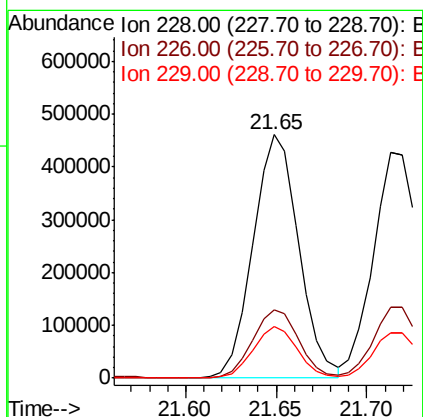
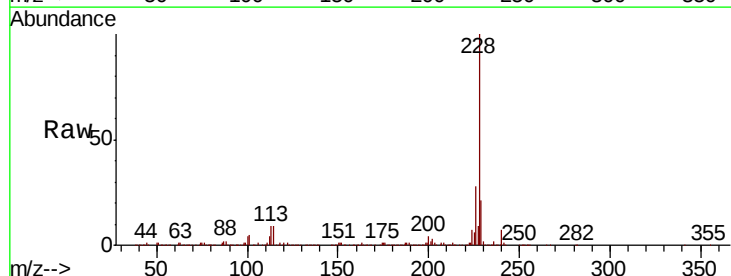
Instrument :
BNA_G
ClientSampleId :
PB113493BS

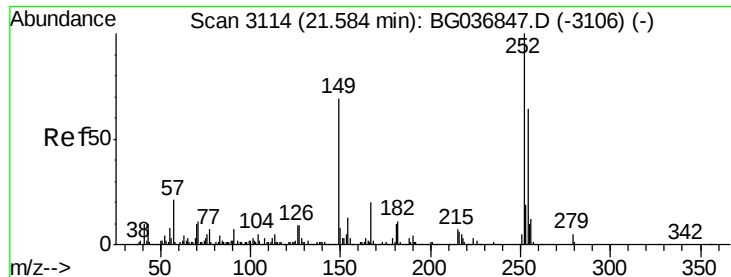
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.0	62.0	93.0
206	23.9	19.6	29.4



#80
Benzo(a)anthracene
Concen: 41.036 ng
RT: 21.65 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.4	35.2
229	21.3	17.1	25.7

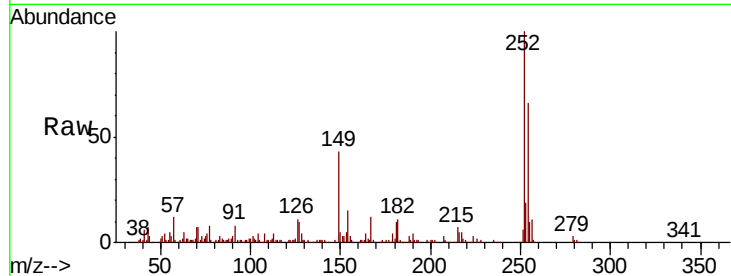




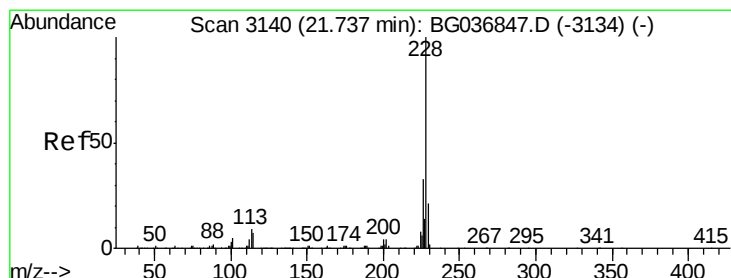
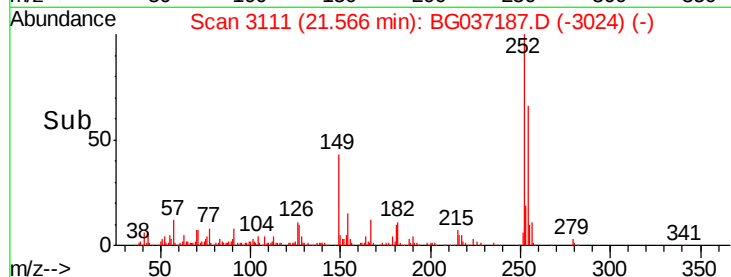
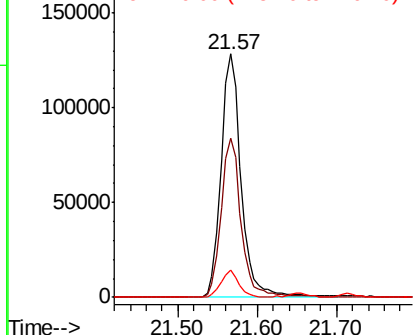
#81
 3,3'-Dichlorobenzidine
 Concen: 30.164 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.02 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB113493BS

Tot Ion:252 Resp: 225482
 Ion Ratio Lower Upper
 252 100
 254 65.6 51.0 76.4
 126 11.0 7.4 11.0

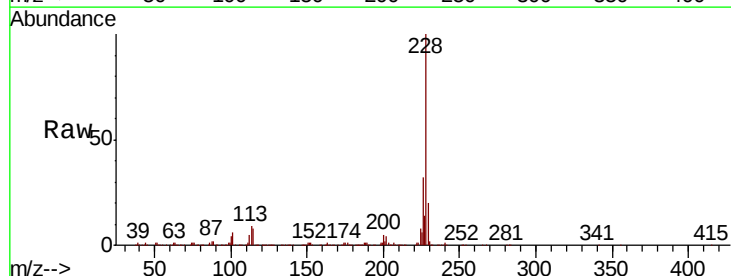


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

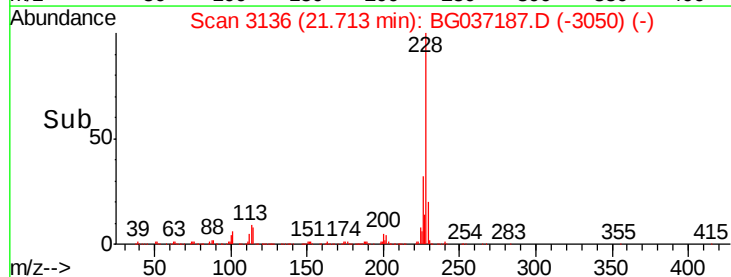
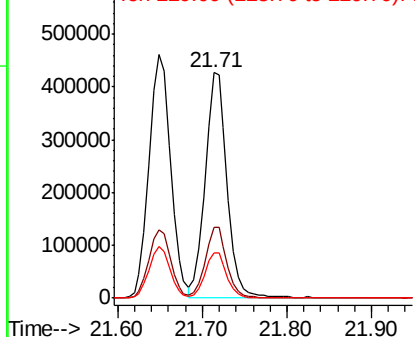


#82
 Chrysene
 Concen: 40.745 ng
 RT: 21.71 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

Tgt Ion:228 Resp: 773142
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.5 38.3
 229 20.3 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

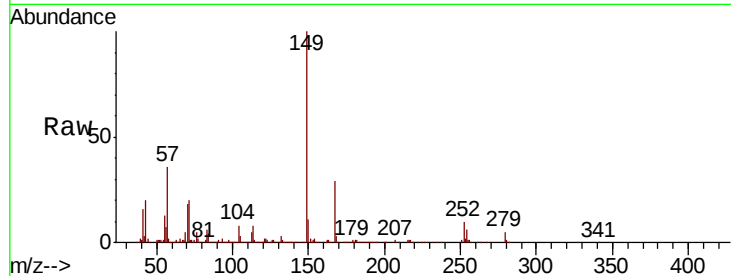




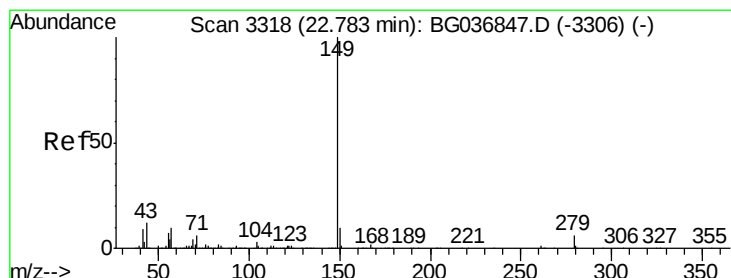
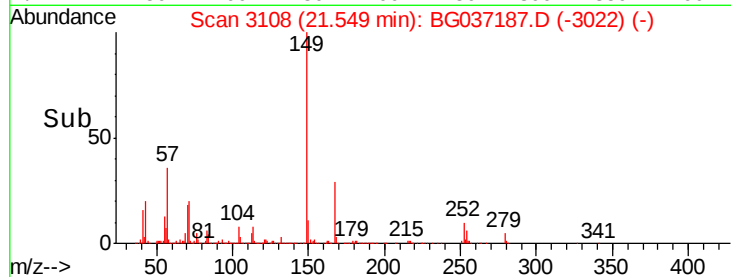
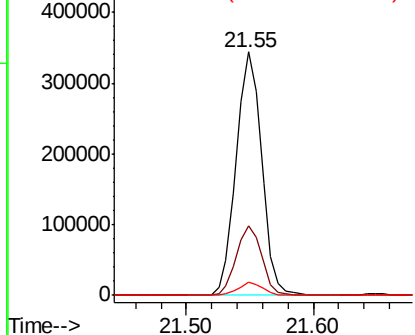
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.613 ng
 RT: 21.55 min Scan# 3108
 Delta R.T. -0.02 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB113493BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.4	35.0
279	5.2	4.6	7.0

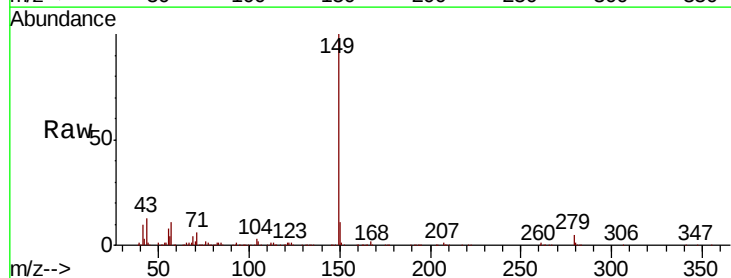


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

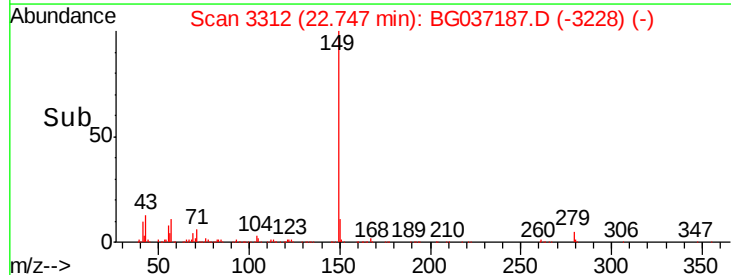
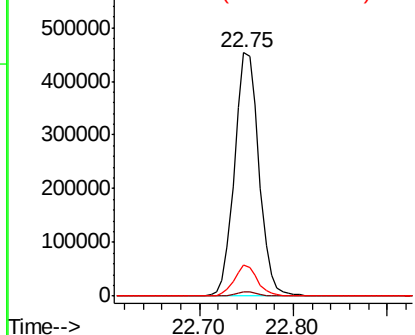


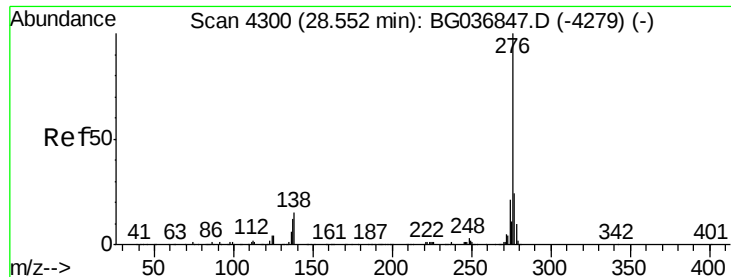
#84
 Di-n-octyl phthalate
 Concen: 44.091 ng
 RT: 22.75 min Scan# 3312
 Delta R.T. -0.04 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.1	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

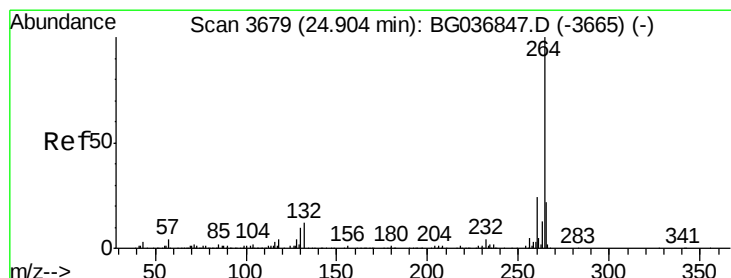
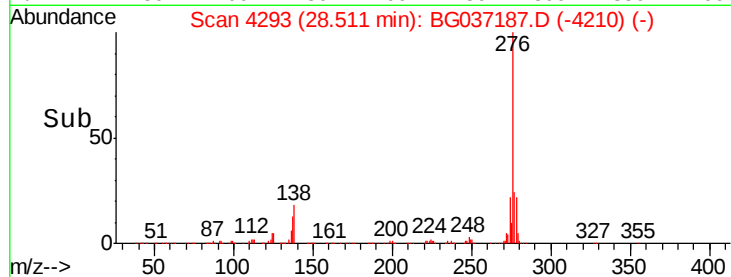
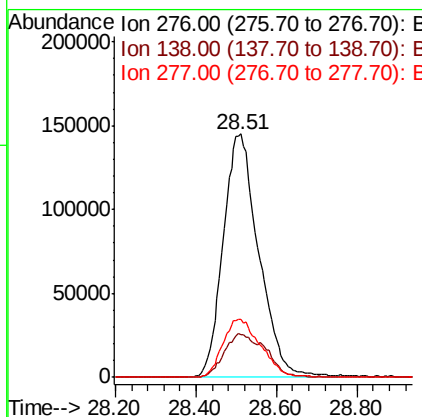
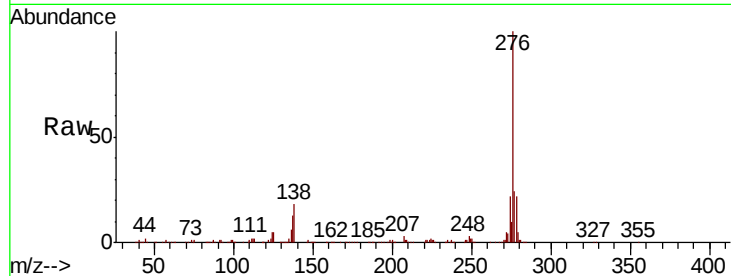




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.648 ng
 RT: 28.51 min Scan# 4293
 Delta R.T. -0.04 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

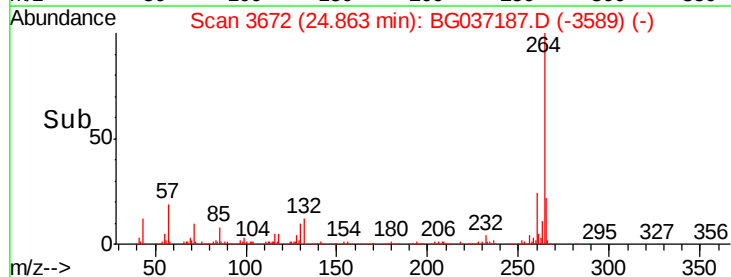
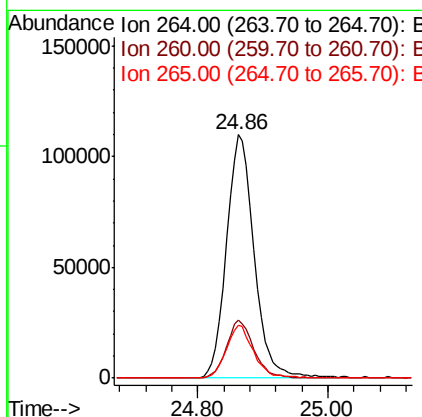
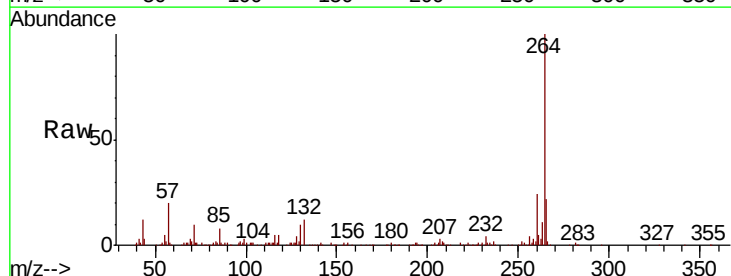
Instrument :
 BNA_G
 ClientSampleId :
 PB113493BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	10.6	15.8#
277	25.3	20.6	30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3672
 Delta R.T. -0.04 min
 Lab File: BG037187.D
 Acq: 5 Oct 2018 13:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.9	17.4	26.0

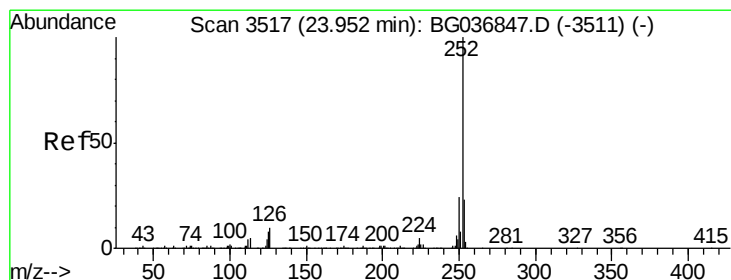
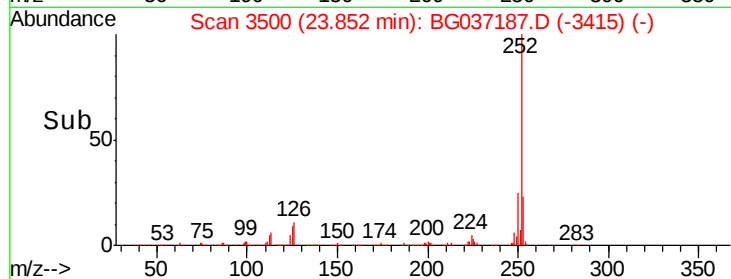
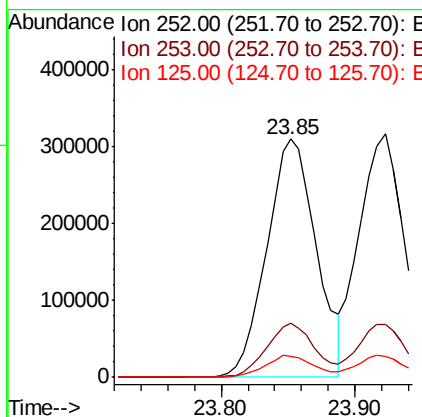
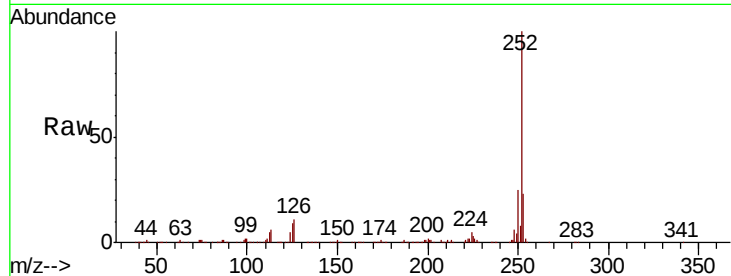




#87
Benzo(b)fluoranthene
Concen: 46.228 ng
RT: 23.85 min Scan# 3500
Delta R.T. -0.03 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

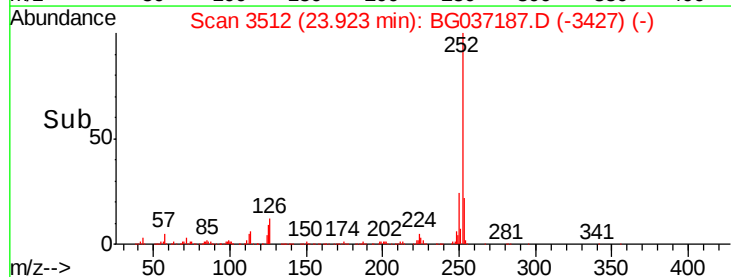
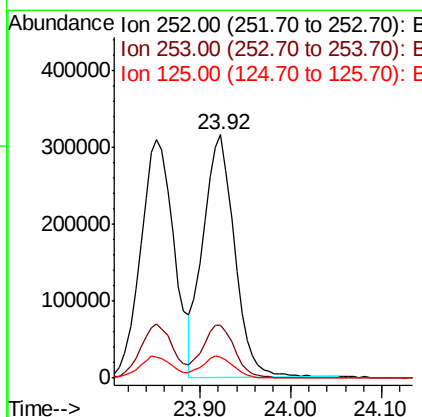
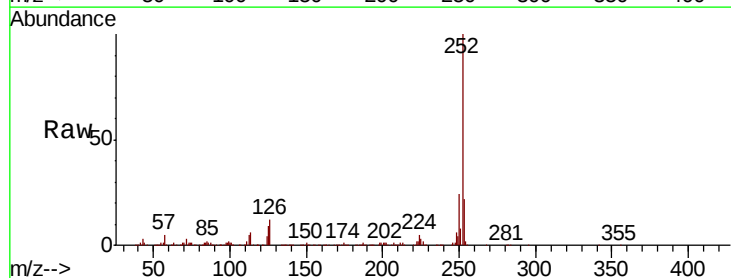
Instrument :
BNA_G
ClientSampleId :
PB113493BS

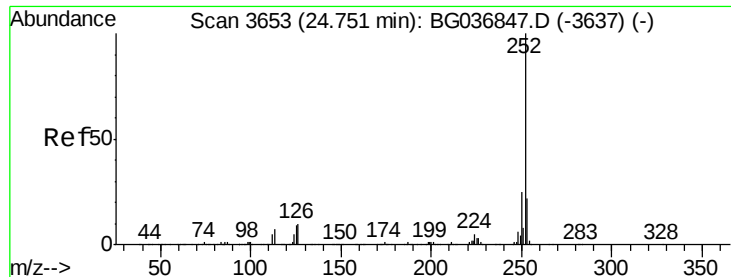
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	9.0	6.6	10.0



#88
Benzo(k)fluoranthene
Concen: 43.944 ng
RT: 23.92 min Scan# 3512
Delta R.T. -0.03 min
Lab File: BG037187.D
Acq: 5 Oct 2018 13:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	8.6	7.0	10.6





#89

Benzo(a)pyrene

Concen: 45.824 ng

RT: 24.72 min Scan# 3647

Delta R.T. -0.04 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

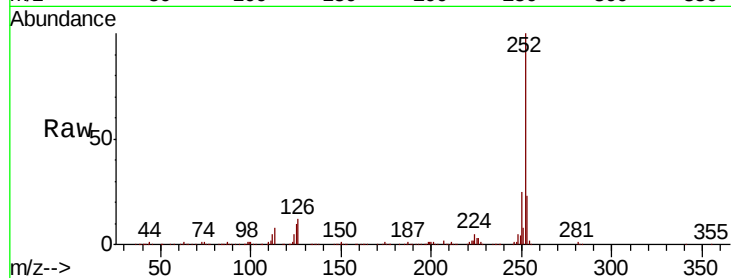
Tot Ion:252 Resp: 763579

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

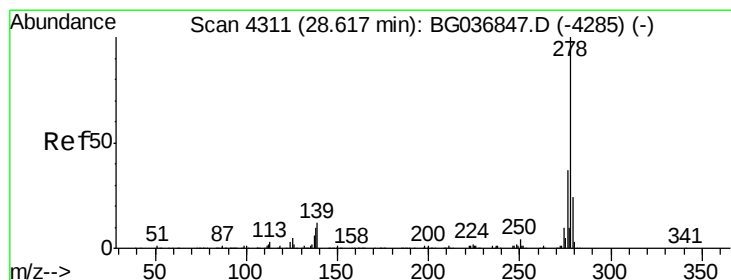
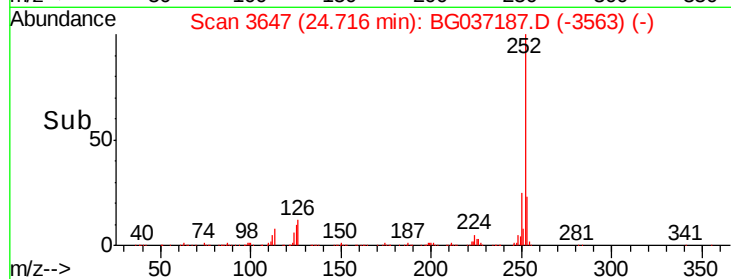
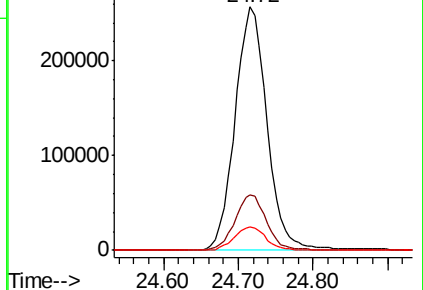
125 9.5 7.3 10.9



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: 45.890 ng

RT: 28.57 min Scan# 4303

Delta R.T. -0.05 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

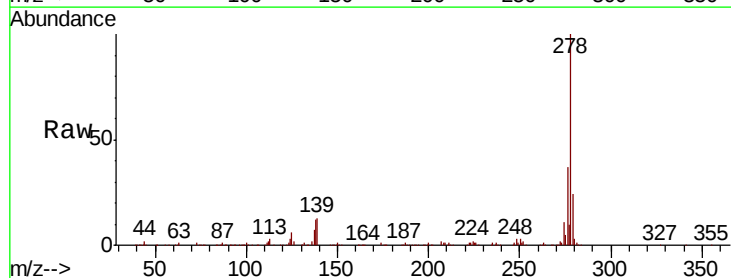
Tgt Ion:278 Resp: 716663

Ion Ratio Lower Upper

278 100

139 13.0 11.0 16.4

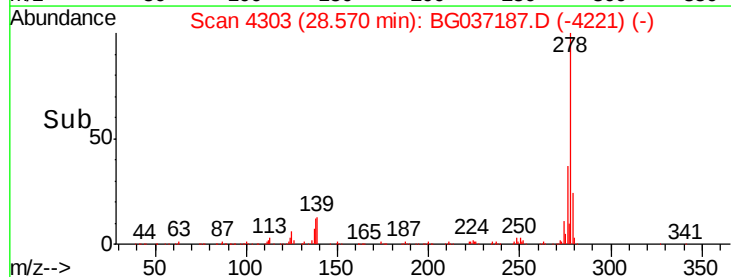
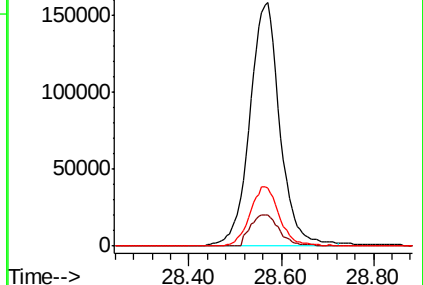
279 23.8 18.7 28.1

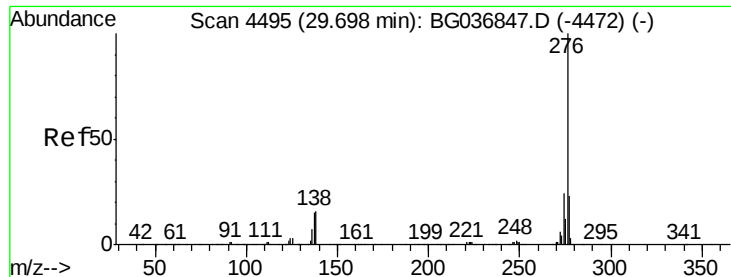


Abundance Ion 278.00 (277.70 to 278.70): E

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: 47.300 ng

RT: 29.64 min Scan# 4485

Delta R.T. -0.06 min

Lab File: BG037187.D

Acq: 5 Oct 2018 13:13

Instrument :

BNA_G

ClientSampleId :

PB113493BS

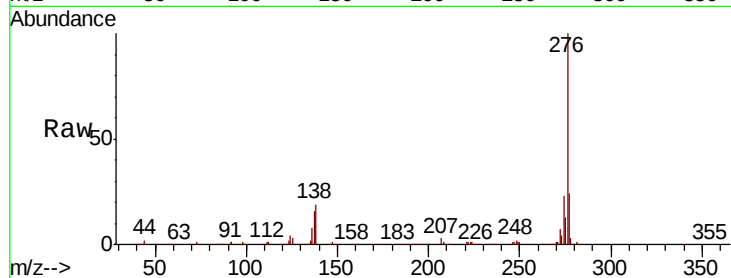
Tot Ion: 276 Resp: 741349

Ion Ratio Lower Upper

276 100

277 24.2 18.4 27.6

138 18.8 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

