

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036949.D
 Acq On : 25 Sep 2018 15:05
 Operator : JU/SJ
 Sample : PB113177BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

Quant Time: Sep 25 15:44:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42207	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	184749	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	119776	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	303377	20.00	ng	0.00
75) Chrysene-d12	21.68	240	290233	20.00	ng	0.00
86) Perylene-d12	24.89	264	292591	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	290012	131.77	ng	0.00
7) Phenol-d6	7.21	99	399093	117.21	ng	0.00
23) Nitrobenzene-d5	9.20	82	244996	71.01	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	167651	116.99	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	564660	70.21	ng	-0.01
78) Terphenyl-d14	20.02	244	914869	82.89	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	40062	39.781	ng	98
3) Pyridine	3.92	79	114199	39.273	ng	95
4) n-Nitrosodimethylamine	3.83	42	61080	47.261	ng	# 91
6) Aniline	7.37	93	147339	33.348	ng	97
8) 2-Chlorophenol	7.61	128	118659	46.434	ng	93
9) Benzaldehyde	7.18	77	61844	27.486	ng	97
10) Phenol	7.23	94	161806	46.044	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	113741	34.990	ng	97
12) 1,3-Dichlorobenzene	7.93	146	125590	40.087	ng	98
13) 1,4-Dichlorobenzene	8.08	146	125316	39.087	ng	98
14) 1,2-Dichlorobenzene	8.39	146	118518	38.146	ng	96
15) Benzyl Alcohol	8.28	79	118426	42.863	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	243517	39.020	ng	99
17) 2-Methylphenol	8.48	107	110630	45.194	ng	97
18) Hexachloroethane	9.12	117	48358	40.987	ng	# 87
19) n-Nitroso-di-n-propylamine	8.84	70	103502	36.539	ng	96
20) 3+4-Methylphenols	8.81	107	153246	45.001	ng	99
22) Acetophenone	8.86	105	179003	41.230	ng	# 96
24) Nitrobenzene	9.25	77	153255	41.598	ng	97
25) Isophorone	9.76	82	283601	44.989	ng	98
26) 2-Nitrophenol	9.96	139	68816	46.861	ng	97
27) 2,4-Dimethylphenol	10.02	122	117734	51.468	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	160338	41.220	ng	96
29) 2,4-Dichlorophenol	10.49	162	126483	47.698	ng	95
30) 1,2,4-Trichlorobenzene	10.71	180	128636	38.763	ng	96
31) Naphthalene	10.90	128	367955	41.858	ng	98
32) Benzoic acid	10.14	122	79568	45.715	ng	95
33) 4-Chloroaniline	11.00	127	103083	25.791	ng	99
34) Hexachlorobutadiene	11.18	225	85428	37.225	ng	98
35) Caprolactam	11.78	113	35858	32.854	ng	94
36) 4-Chloro-3-methylphenol	12.12	107	147121	46.497	ng	99
37) 2-Methylnaphthalene	12.50	142	286644	42.815	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	159797	38.251	ng	98
40) Hexachlorocyclopentadiene	12.84	237	208539	97.061	ng	96

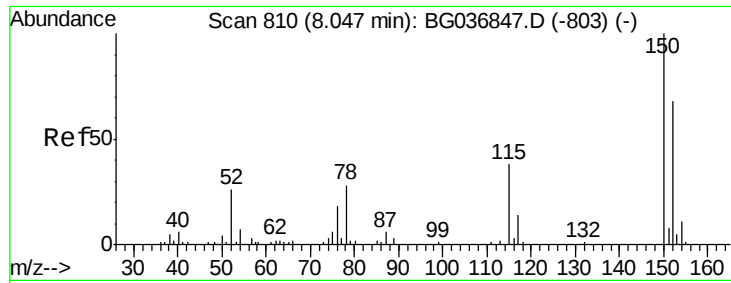
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036949.D
 Acq On : 25 Sep 2018 15:05
 Operator : JU/SJ
 Sample : PB113177BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

Quant Time: Sep 25 15:44:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	109037	47.002	ng	95
43) 2,4,5-Trichlorophenol	13.18	196	121988	49.315	ng	99
45) 1,1'-Biphenyl	13.51	154	370659	40.407	ng	97
46) 2-Chloronaphthalene	13.55	162	282201	39.119	ng	98
47) 2-Nitroaniline	13.75	65	112811	45.212	ng	96
48) Acenaphthylene	14.39	152	488090	43.178	ng	99
49) Dimethylphthalate	14.12	163	397330	41.212	ng	98
50) 2,6-Dinitrotoluene	14.24	165	88469	42.057	ng	97
51) Acenaphthene	14.73	154	280959	41.124	ng	99
52) 3-Nitroaniline	14.57	138	69671	31.431	ng	99
53) 2,4-Dinitrophenol	14.78	184	99593	99.015	ng	94
54) Dibenzofuran	15.07	168	464241	40.173	ng	98
55) 4-Nitrophenol	14.89	139	144182	101.820	ng	93
56) 2,4-Dinitrotoluene	15.03	165	125635	42.802	ng	# 94
57) Fluorene	15.71	166	376703	43.613	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	120498	48.019	ng	97
59) Diethylphthalate	15.49	149	398813	41.013	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	209892	38.371	ng	99
61) 4-Nitroaniline	15.74	138	97071	41.633	ng	95
62) Azobenzene	16.00	77	392382	41.995	ng	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	74845	47.188	ng	99
65) n-Nitrosodiphenylamine	15.92	169	343488	41.012	ng	99
66) 4-Bromophenyl-phenylether	16.60	248	137644	39.888	ng	98
67) Hexachlorobenzene	16.72	284	135669	38.173	ng	97
68) Atrazine	16.87	200	139305	41.078	ng	99
69) Pentachlorophenol	17.07	266	174053	77.785	ng	98
70) Phenanthrene	17.46	178	625273	42.770	ng	98
71) Anthracene	17.55	178	638825	44.191	ng	99
72) Carbazole	17.82	167	566956	40.225	ng	99
73) Di-n-butylphthalate	18.37	149	661924	42.288	ng	99
74) Fluoranthene	19.46	202	738217	41.949	ng	99
76) Benzidine	19.65	184	379295	43.231	ng	98
77) Pyrene	19.83	202	721252	41.412	ng	99
79) Butylbenzylphthalate	20.70	149	298961	43.065	ng	99
80) Benzo(a)anthracene	21.66	228	712563	42.058	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	186568	28.930	ng	100
82) Chrysene	21.73	228	664227	40.577	ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	401745	41.426	ng	99
84) Di-n-octyl phthalate	22.77	149	695561	43.562	ng	100
85) Indeno(1,2,3-cd)pyrene	28.54	276	787137	44.779	ng	# 94
87) Benzo(b)fluoranthene	23.87	252	680894	43.667	ng	98
88) Benzo(k)fluoranthene	23.94	252	664276	42.463	ng	98
89) Benzo(a)pyrene	24.74	252	654287	43.403	ng	99
90) Dibenzo(a,h)anthracene	28.59	278	646112	45.732	ng	99
91) Benzo(g,h,i)perylene	29.67	276	652810	46.040	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Instrument :

BNA_G

ClientSampleId :

PB113177BS

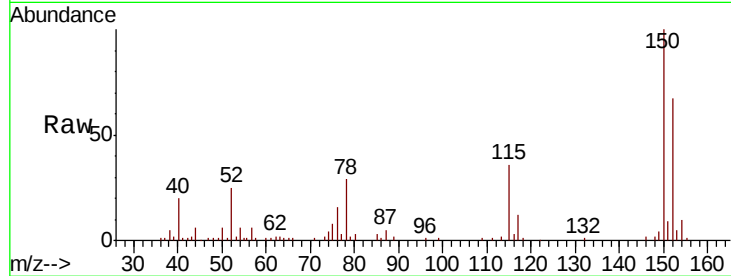
Tot Ion:152 Resp: 42207

Ion Ratio Lower Upper

152 100

150 149.0 119.5 179.3

115 53.9 44.5 66.7

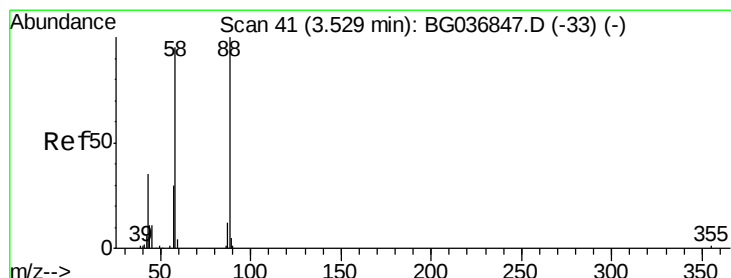
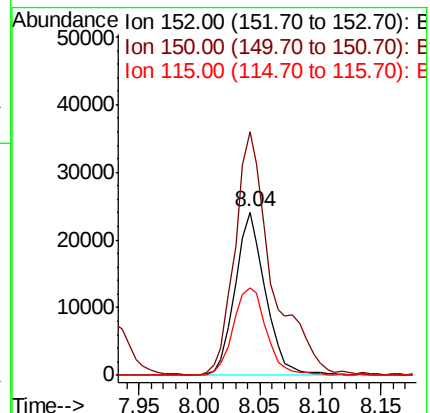
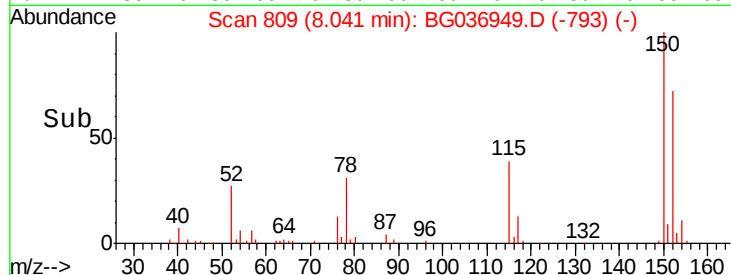


Abundance

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: 39.781 ng

RT: 3.52 min Scan# 40

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

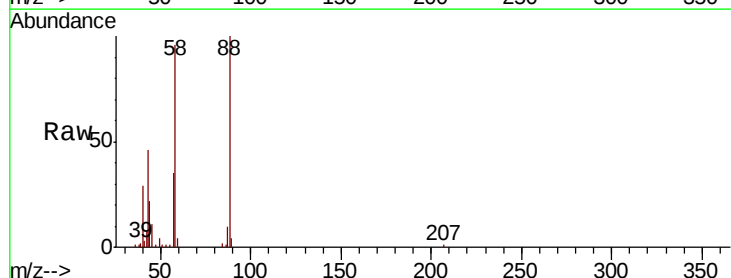
Tgt Ion: 88 Resp: 40062

Ion Ratio Lower Upper

88 100

58 92.7 72.6 109.0

43 35.2 29.0 43.4

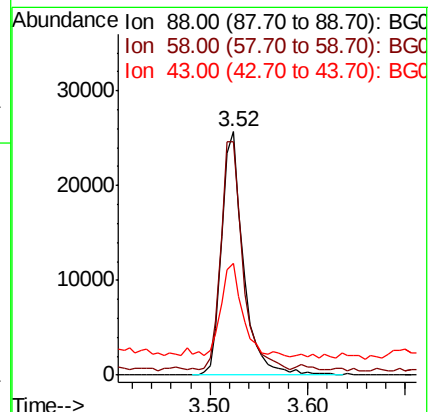
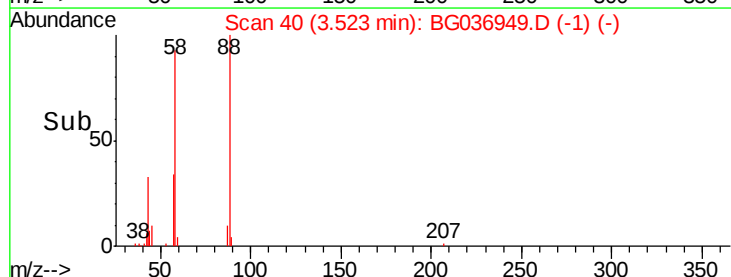


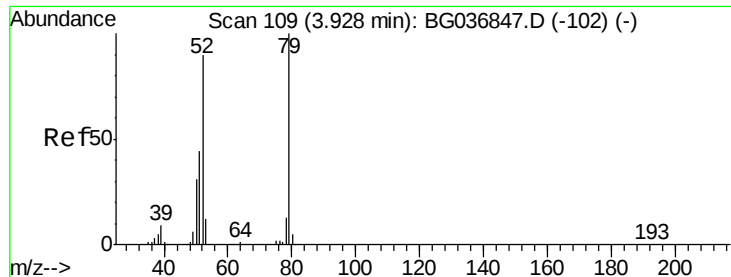
Abundance

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: 39.273 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Instrument :

BNA_G

ClientSampleId :

PB113177BS

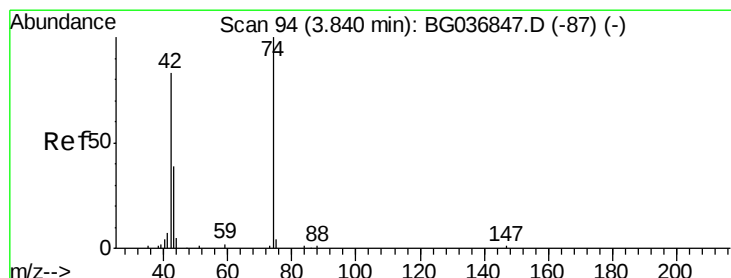
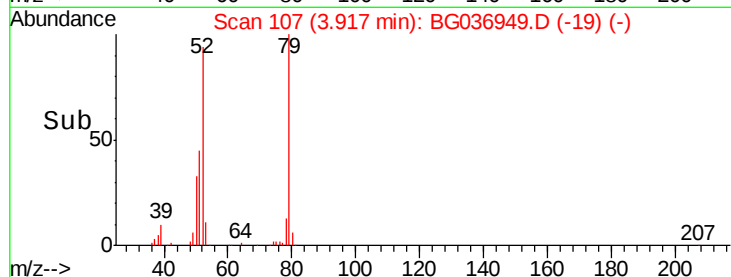
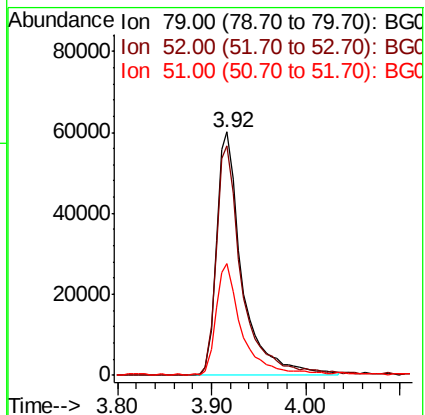
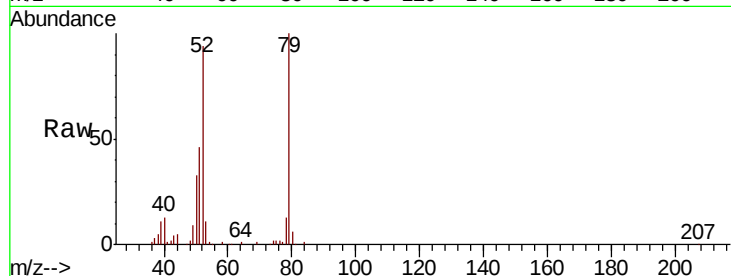
Tot Ion: 79 Resp: 114199

Ion Ratio Lower Upper

79 100

52 94.4 72.3 108.5

51 45.7 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 47.261 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

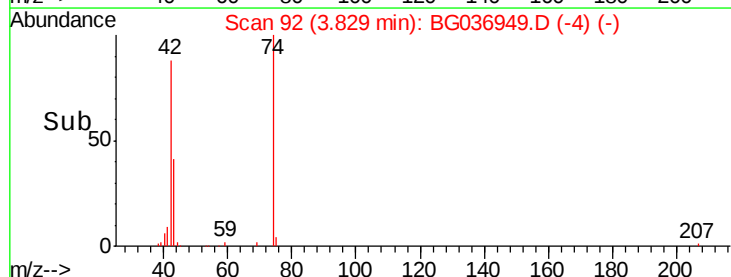
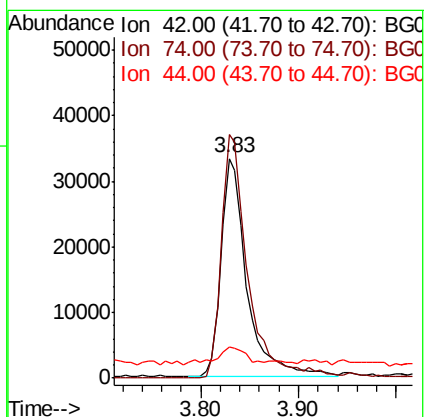
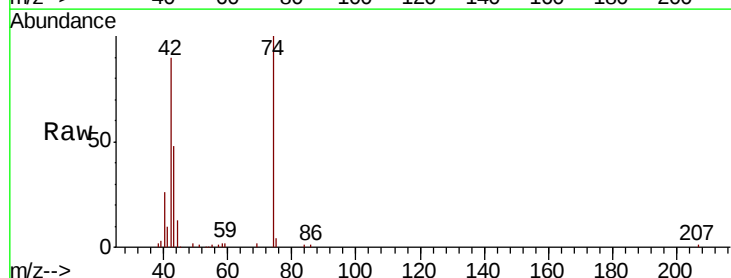
Tgt Ion: 42 Resp: 61080

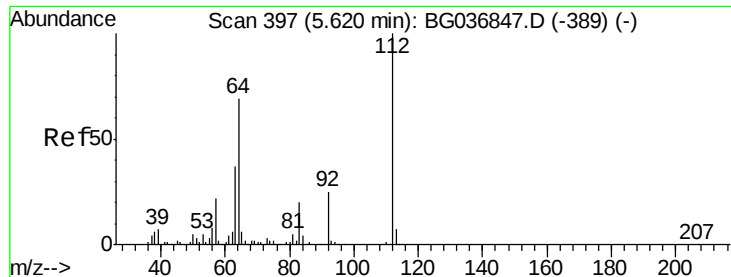
Ion Ratio Lower Upper

42 100

74 110.9 96.6 145.0

44 14.3 7.0 10.4#





#5

2-Fluorophenol

Concen: 131.774 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Instrument :

BNA_G

ClientSampleId :

PB113177BS

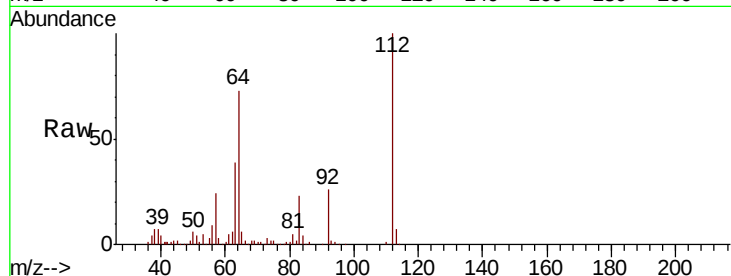
Tot Ion:112 Resp: 290012

Ion Ratio Lower Upper

112 100

64 72.9 57.2 85.8

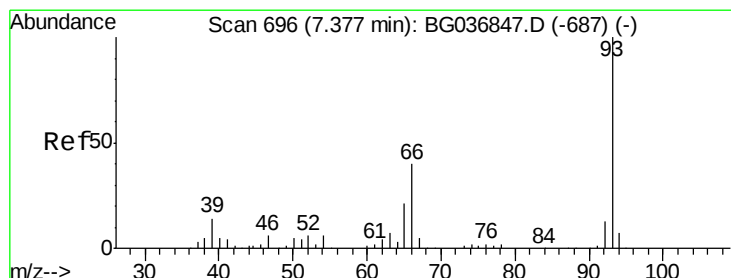
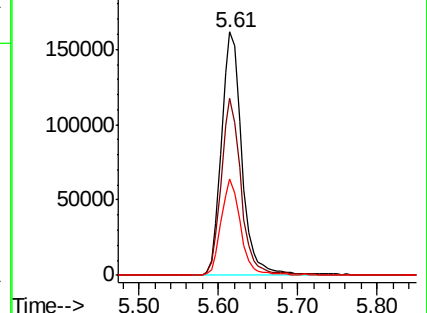
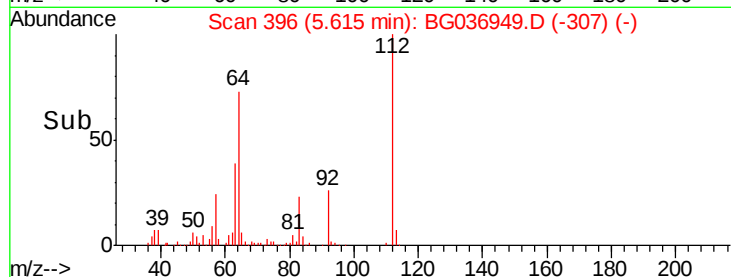
63 39.5 30.8 46.2



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: 33.348 ng

RT: 7.37 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

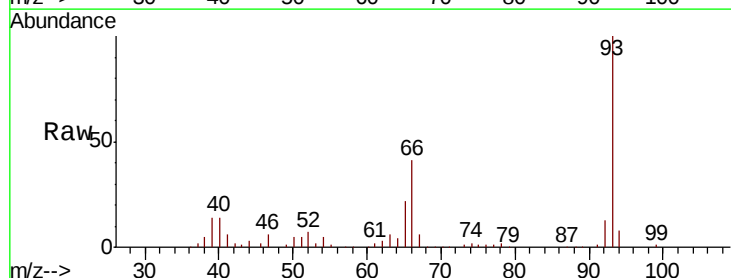
Tgt Ion: 93 Resp: 147339

Ion Ratio Lower Upper

93 100

66 41.2 35.0 52.4

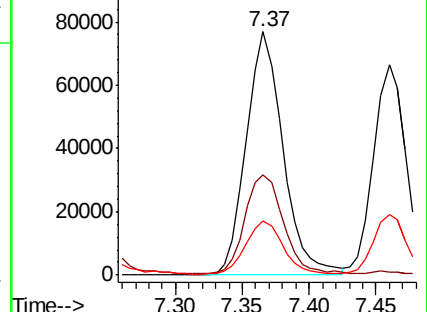
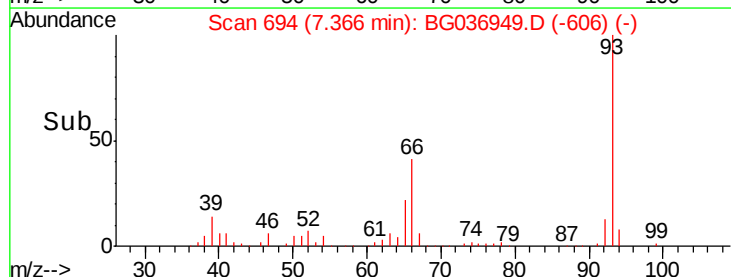
65 22.4 17.6 26.4

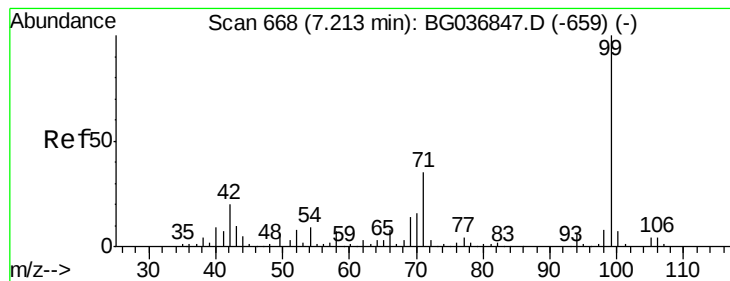


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.206 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Instrument :

BNA_G

ClientSampleId :

PB113177BS

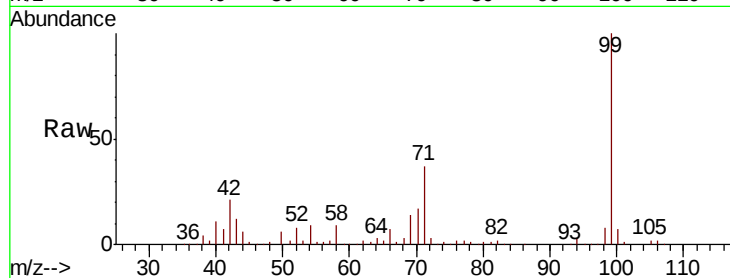
Tot Ion: 99 Resp: 399093

Ion Ratio Lower Upper

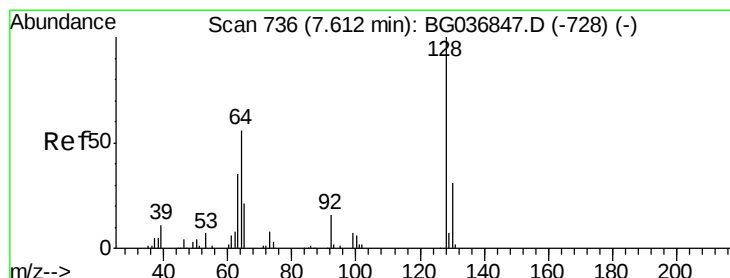
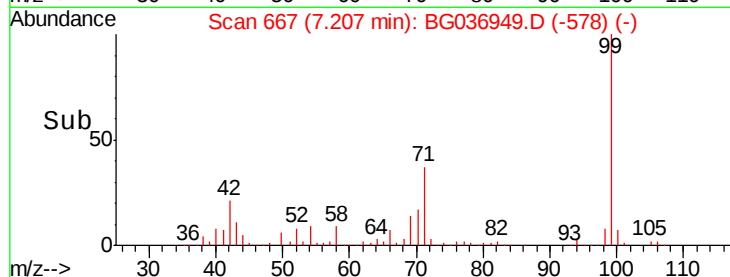
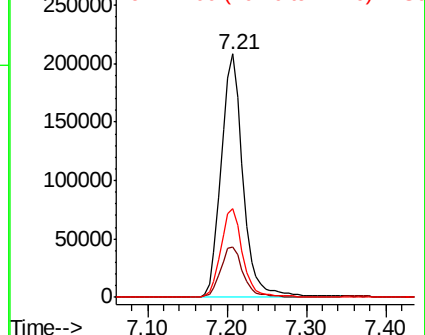
99 100

42 20.9 16.5 24.7

71 36.7 29.4 44.2



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



#8

2-Chlorophenol

Concen: 46.434 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

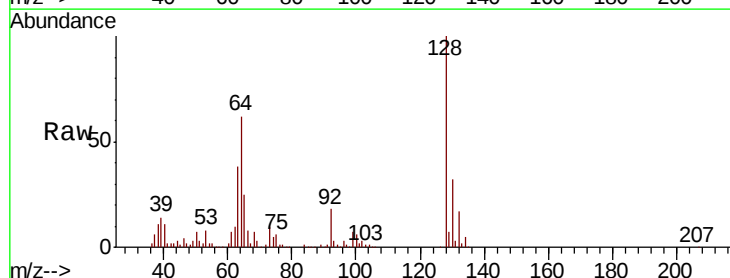
Tgt Ion: 128 Resp: 118659

Ion Ratio Lower Upper

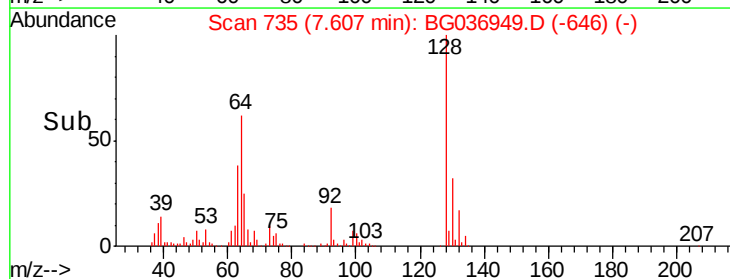
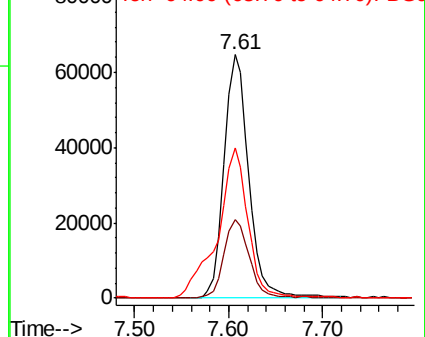
128 100

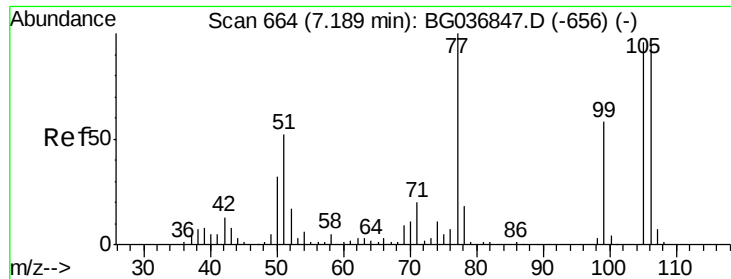
130 32.5 10.0 50.0

64 61.6 36.0 76.0



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





#9

Benzaldehyde

Concen: 27.486 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Instrument :

BNA_G

ClientSampleId :

PB113177BS

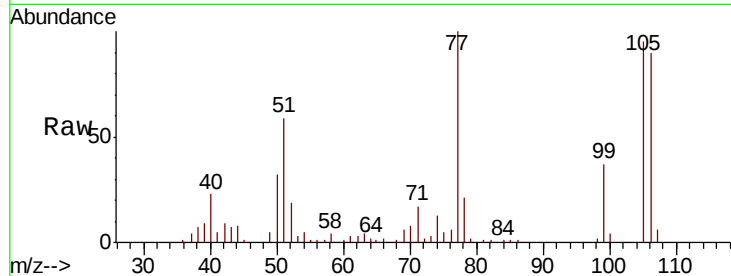
Tot Ion: 77 Resp: 61844

Ion Ratio Lower Upper

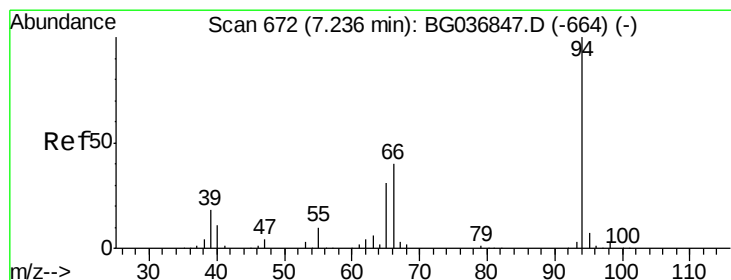
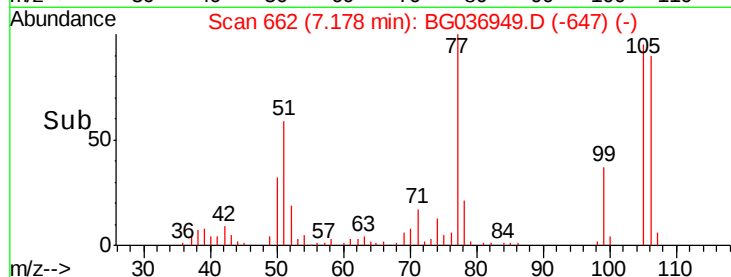
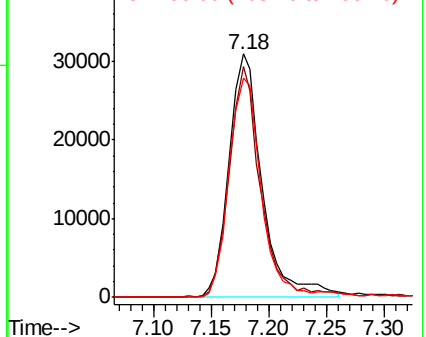
77 100

105 95.0 70.5 110.5

106 90.2 69.8 109.8



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



#10

Phenol

Concen: 46.044 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

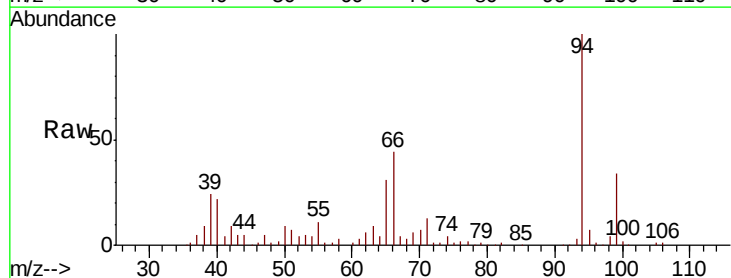
Tgt Ion: 94 Resp: 161806

Ion Ratio Lower Upper

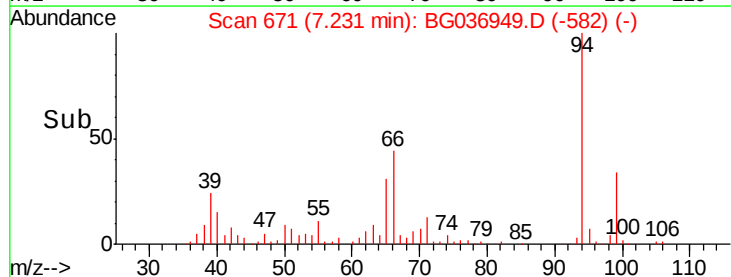
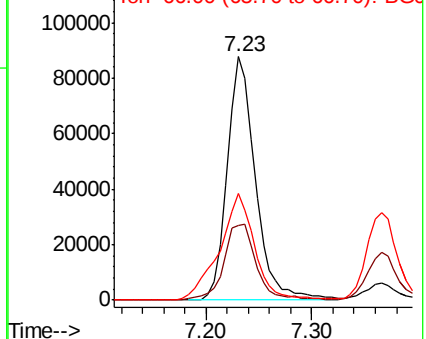
94 100

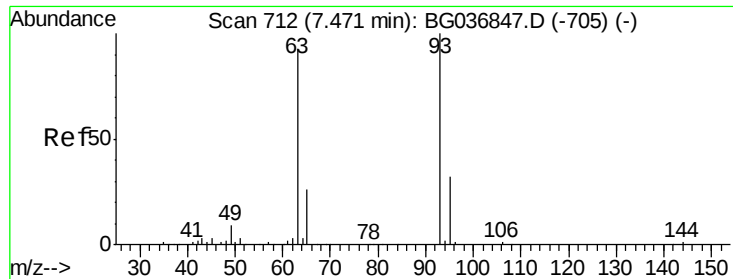
65 30.8 11.5 51.5

66 43.6 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

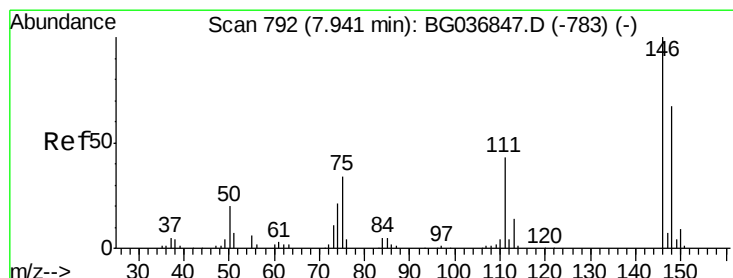
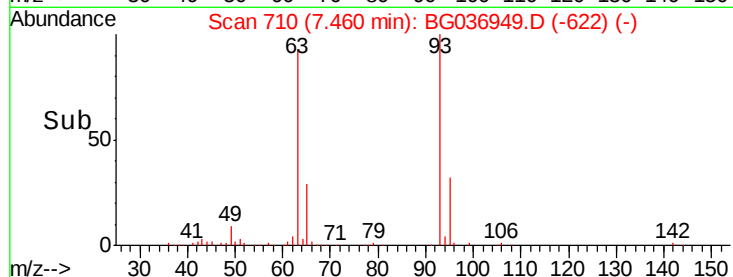
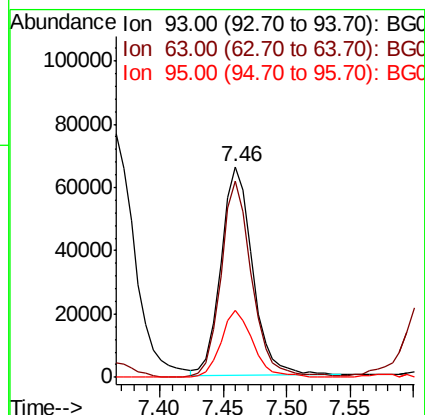
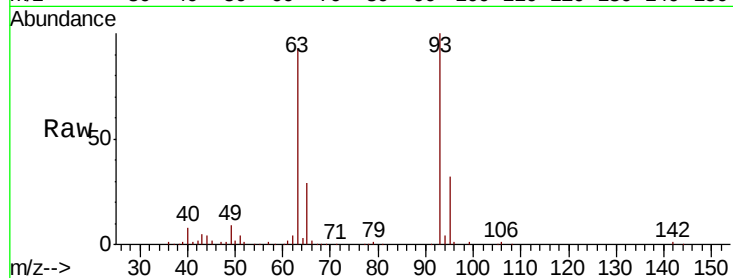




#11
 bis(2-Chloroethyl)ether
 Concen: 34.990 ng
 RT: 7.46 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

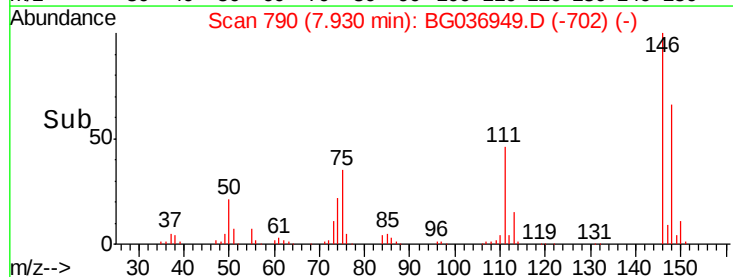
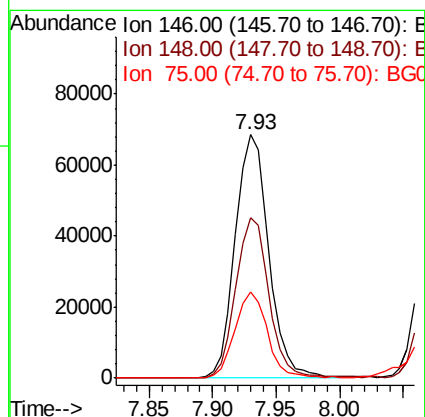
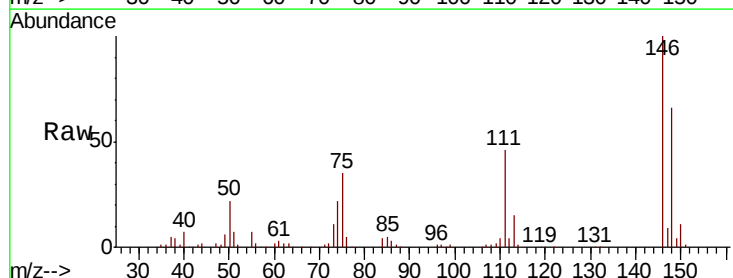
Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

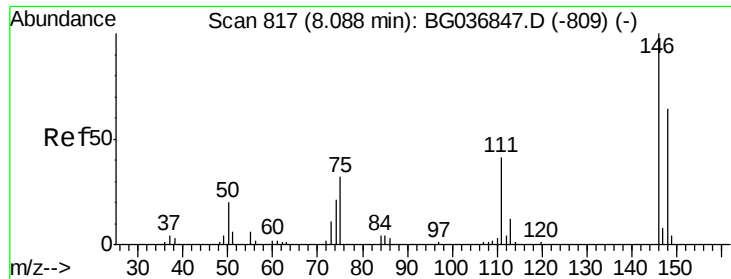
Tot Ion: 93 Resp: 113741
 Ion Ratio Lower Upper
 93 100
 63 93.0 69.9 109.9
 95 32.0 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 40.087 ng
 RT: 7.93 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Tgt Ion: 146 Resp: 125590
 Ion Ratio Lower Upper
 146 100
 148 65.7 53.8 80.6
 75 35.2 27.2 40.8

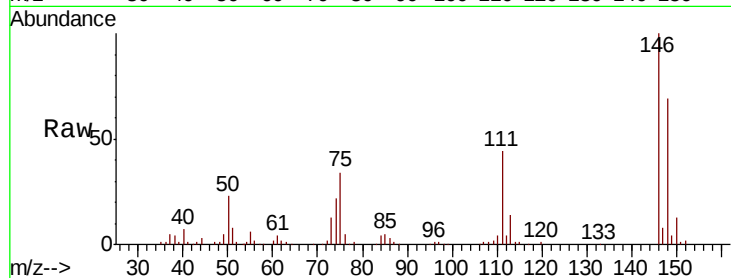




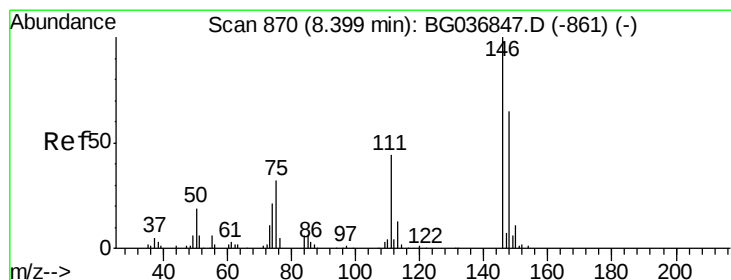
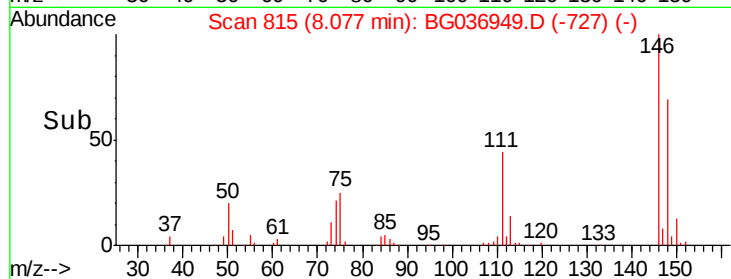
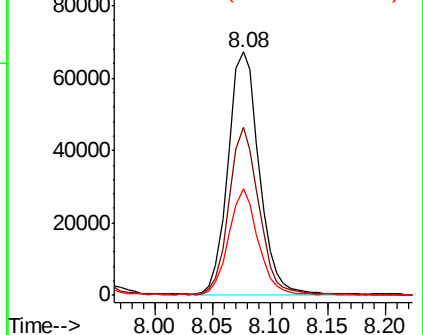
#13
 1,4-Dichlorobenzene
 Concen: 39.087 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.1	53.9	80.9
111	44.0	33.8	50.6

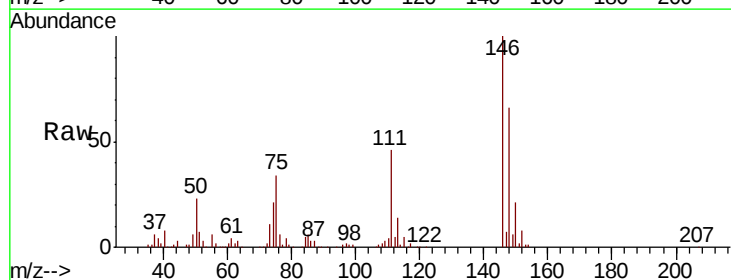


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

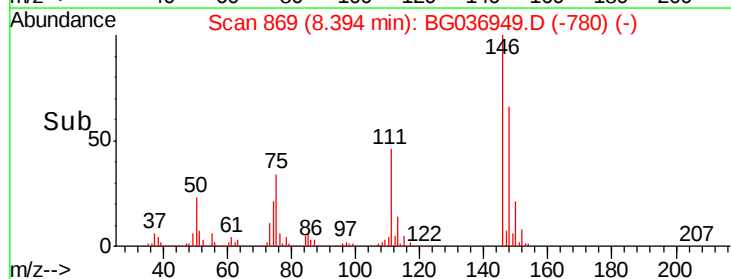
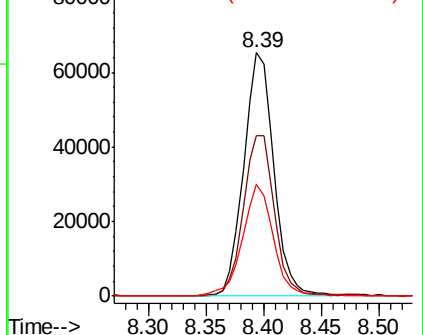


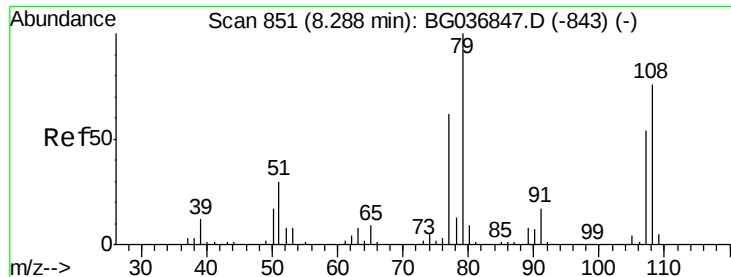
#14
 1,2-Dichlorobenzene
 Concen: 38.146 ng
 RT: 8.39 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	55.0	82.6
111	45.9	34.6	51.8



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





#15

Benzyl Alcohol

Concen: 42.863 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Instrument :

BNA_G

ClientSampleId :

PB113177BS

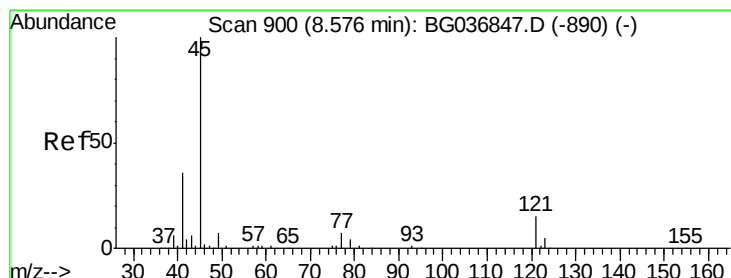
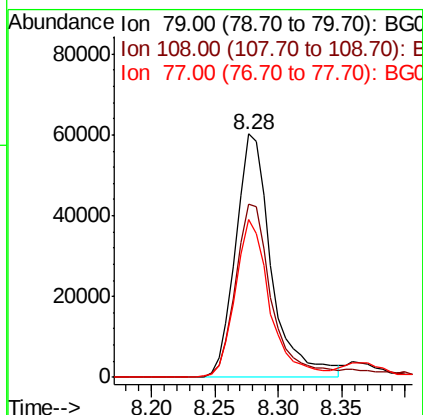
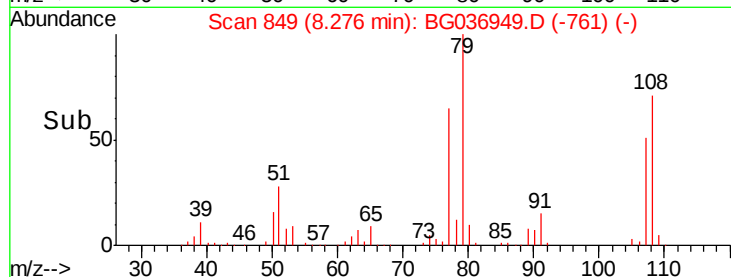
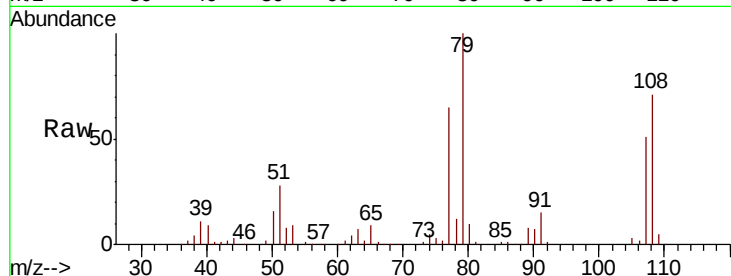
Tot Ion: 79 Resp: 118426

Ion Ratio Lower Upper

79 100

108 71.3 55.9 83.9

77 65.0 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.020 ng

RT: 8.56 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

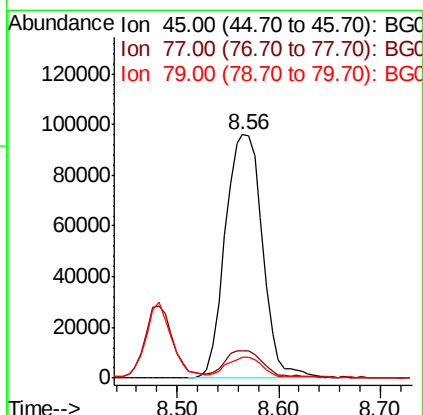
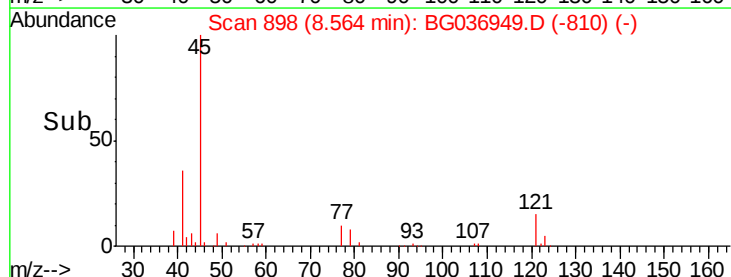
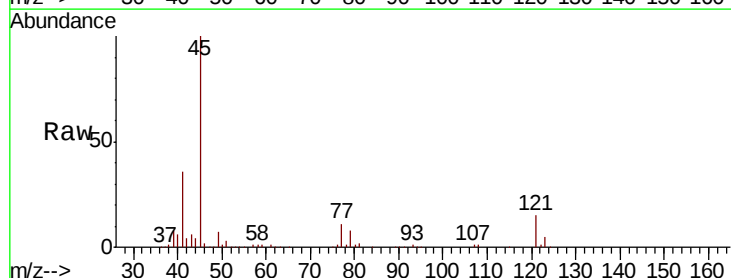
Tgt Ion: 45 Resp: 243517

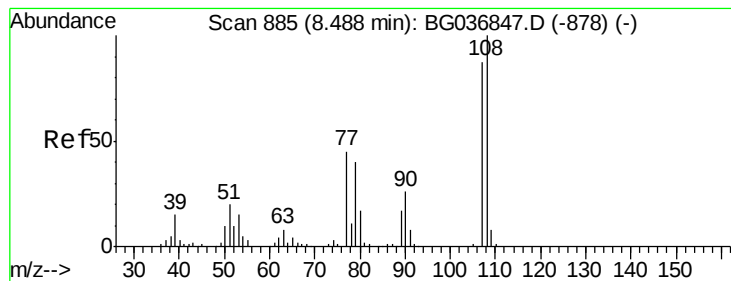
Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.5

79 8.4 0.0 27.9

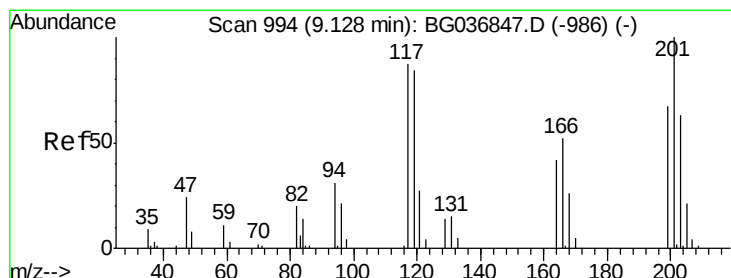
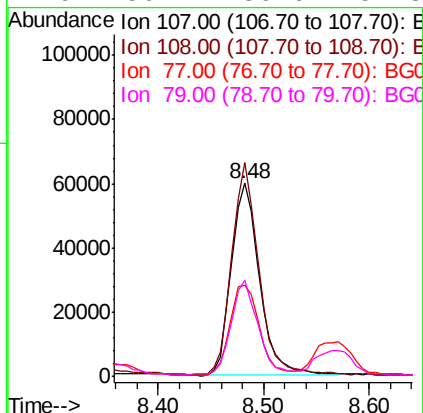
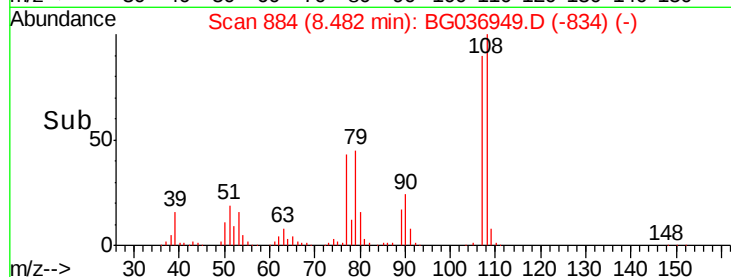
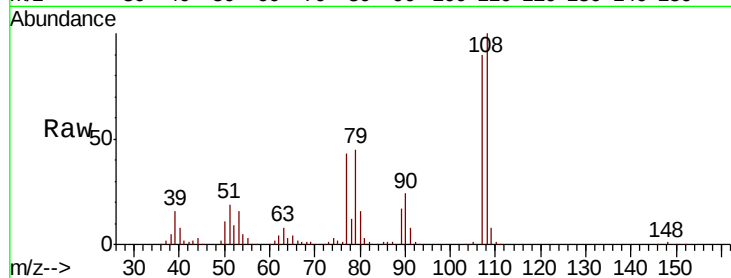




#17
2-Methylphenol
Concen: 45.194 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

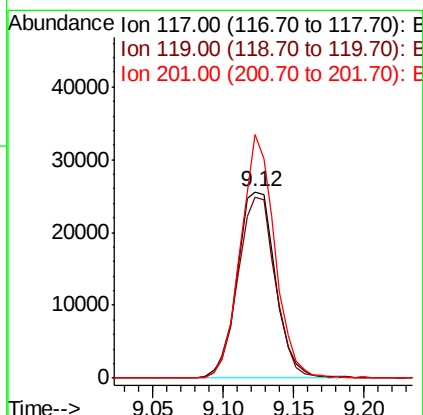
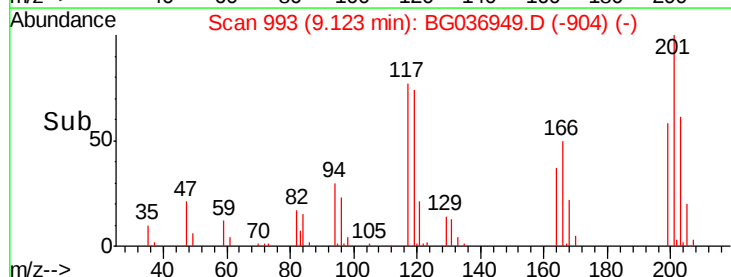
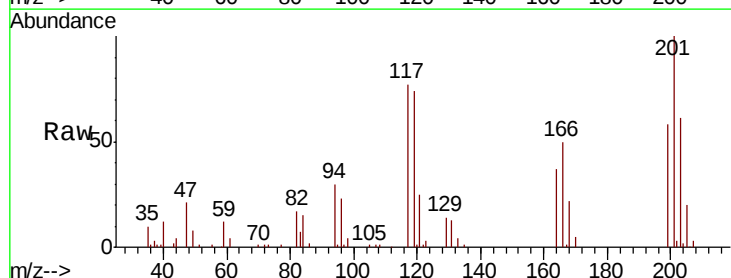
Instrument :
BNA_G
ClientSampleId :
PB113177BS

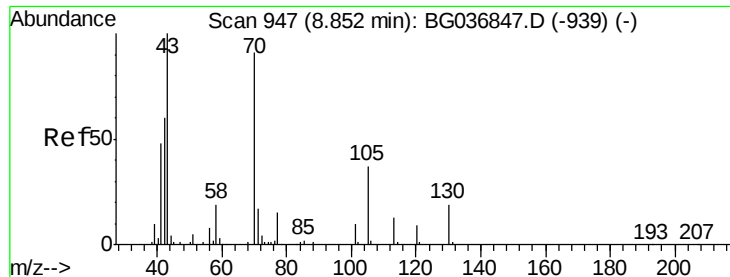
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.7	86.7	130.1
77	47.1	39.0	58.4
79	50.1	36.6	54.8



#18
Hexachloroethane
Concen: 40.987 ng
RT: 9.12 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.8	115.2
201	130.7	85.7	128.5#

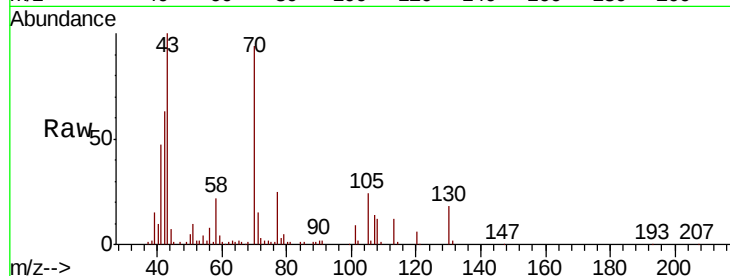




#19
n-Nitroso-di-n-propylamine
Concen: 36.539 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

Instrument :
BNA_G
ClientSampleId :
PB113177BS

Tot Ion:	70	Resp:	103502
Ion	Ratio	Lower	Upper
70	100		
42	66.5	56.2	84.4
101	9.4	7.8	11.6
130	19.4	16.2	24.2



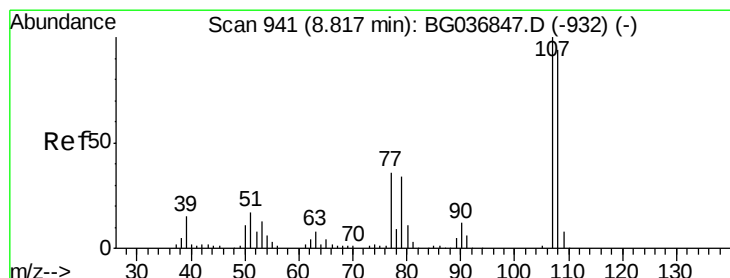
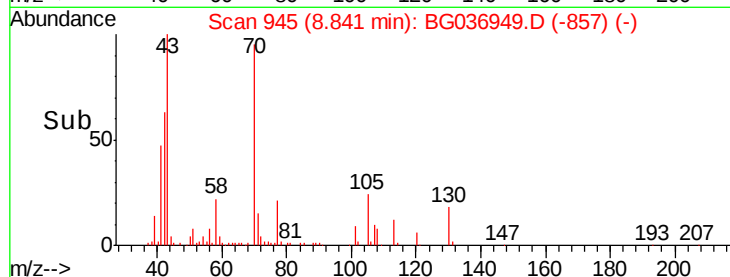
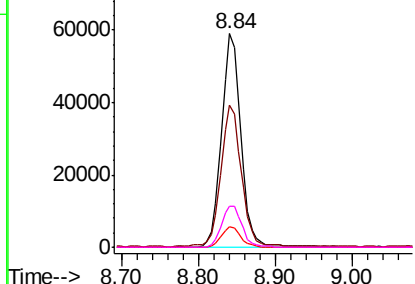
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

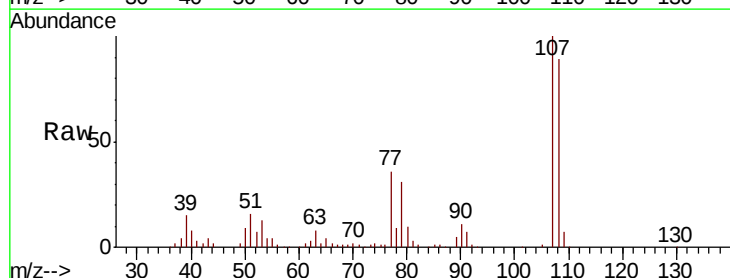
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 45.001 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

Tgt Ion:	107	Resp:	153246
Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.0	108.0
77	35.5	15.6	55.6
79	31.0	9.9	49.9



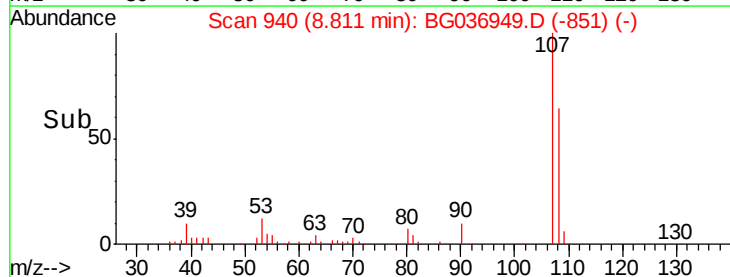
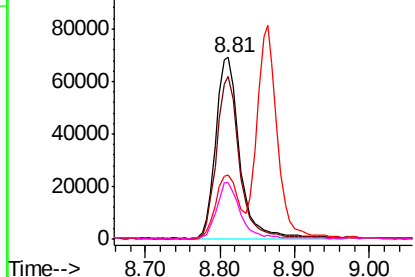
Abundance

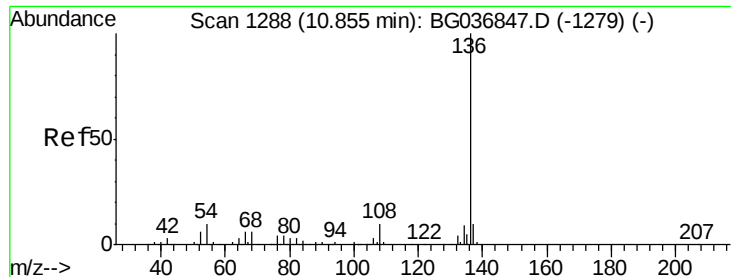
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Instrument :

BNA_G

ClientSampleId :

PB113177BS

Tot Ion:136 Resp: 184749

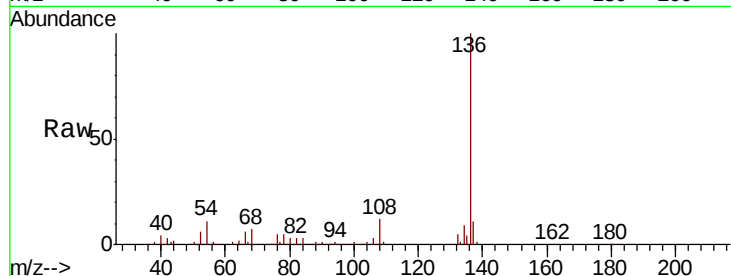
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.2 9.2 13.8

68 7.1 5.8 8.6

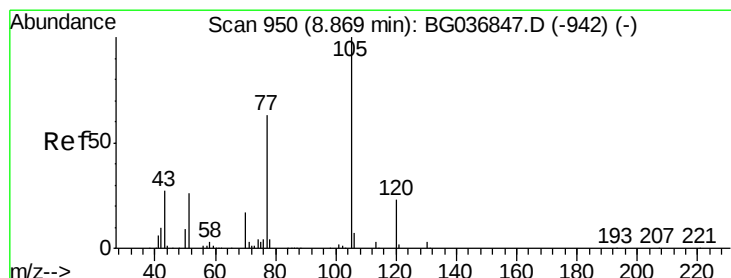
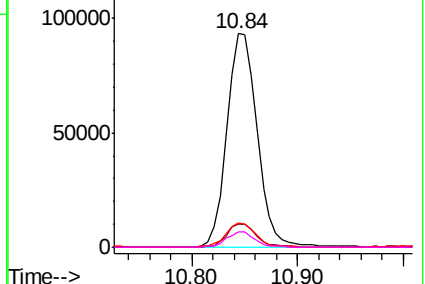
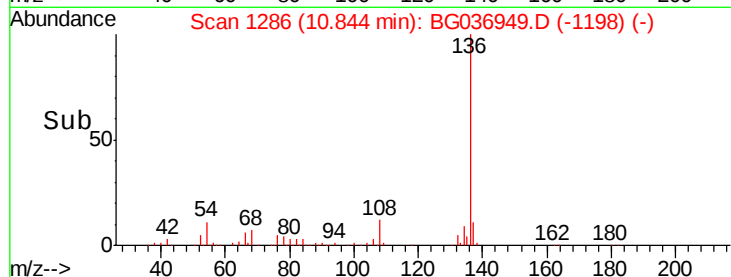


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.230 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Tgt Ion:105 Resp: 179003

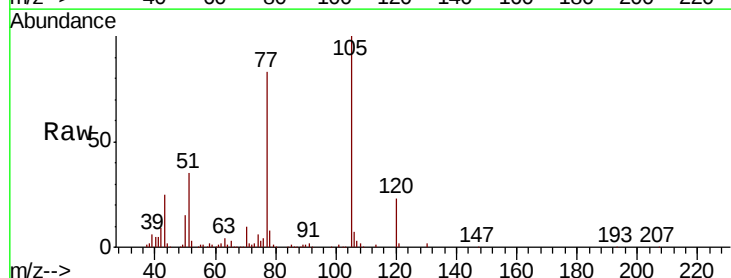
Ion Ratio Lower Upper

105 100

71 2.0 2.4 3.6#

51 35.0 25.9 38.9

120 22.7 19.4 29.0

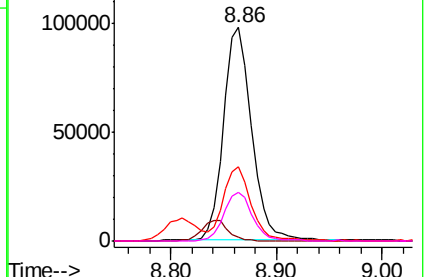
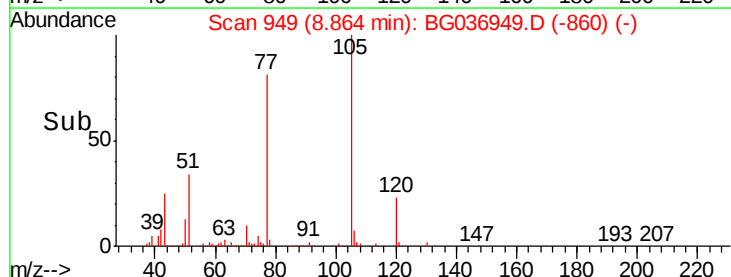


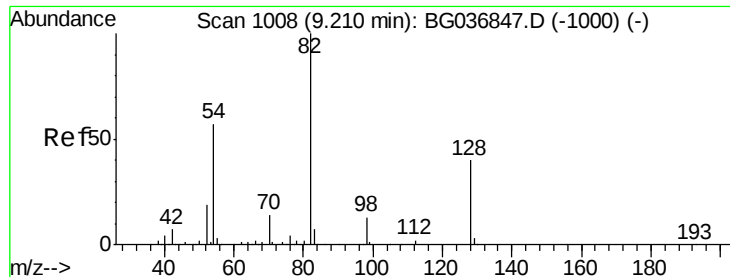
Abundance Ion 105.00 (104.70 to 105.70): E

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

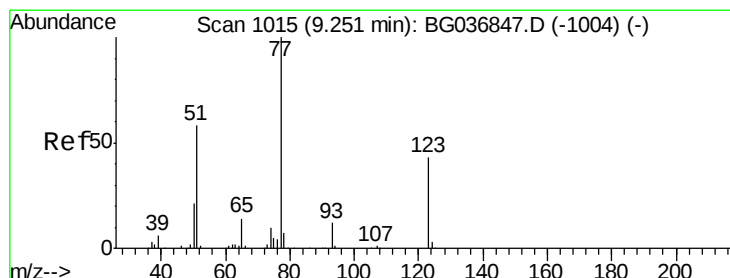
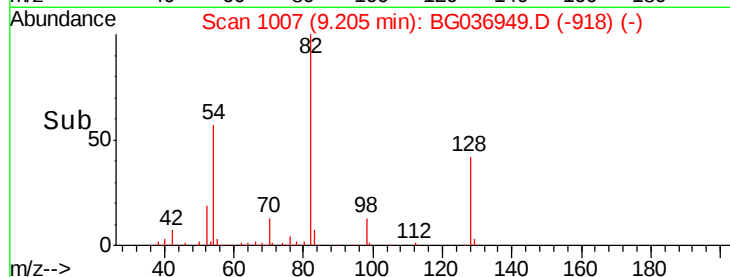
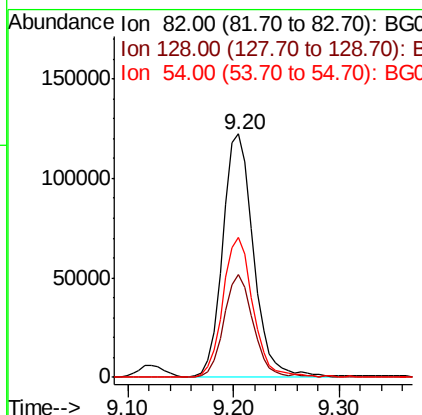
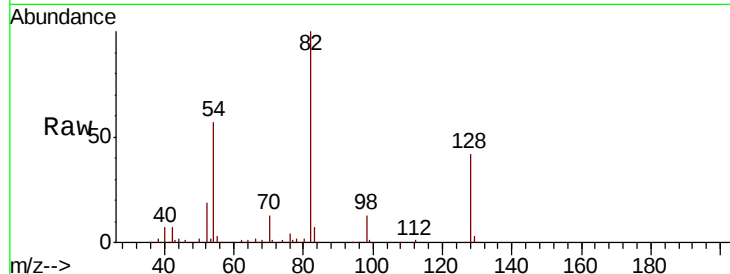




#23
 Nitrobenzene-d5
 Concen: 71.014 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

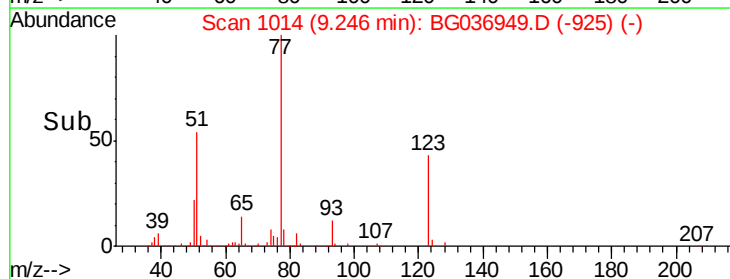
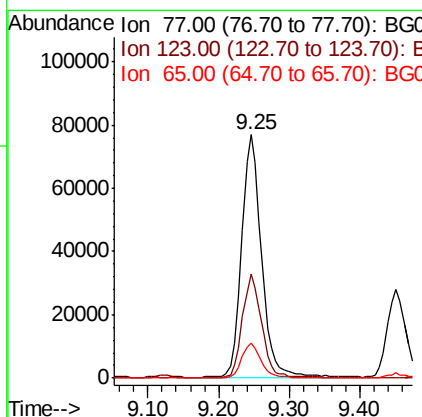
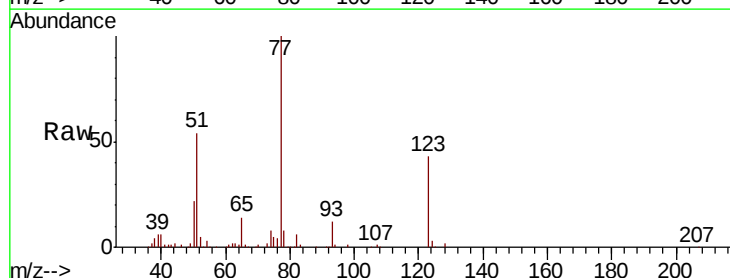
Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

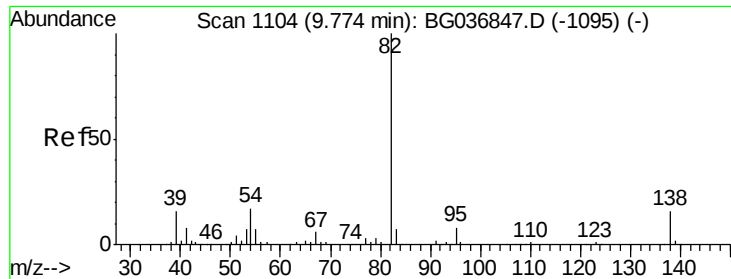
Tot Ion	82	Resp	244996
Ion Ratio	Lower	Upper	
82	100		
128	42.4	33.3	49.9
54	57.4	45.1	67.7



#24
 Nitrobenzene
 Concen: 41.598 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Tgt Ion	77	Resp	153255
Ion Ratio	Lower	Upper	
77	100		
123	42.7	32.4	48.6
65	14.3	11.5	17.3

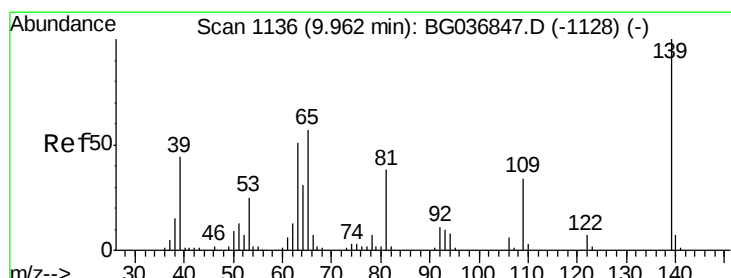
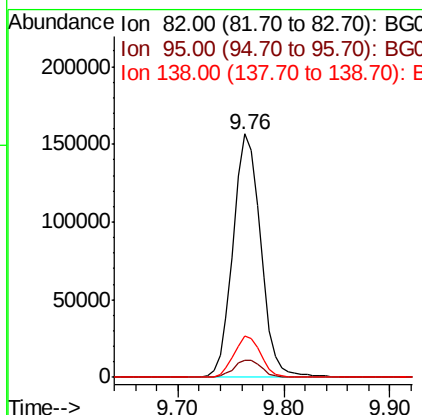
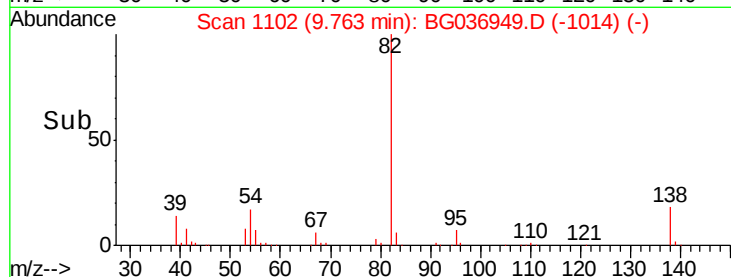
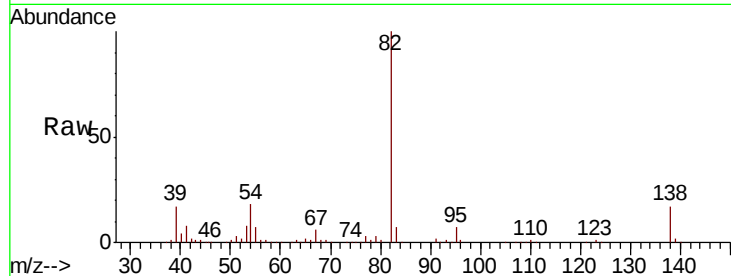




#25
Isophorone
Concen: 44.989 ng
RT: 9.76 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

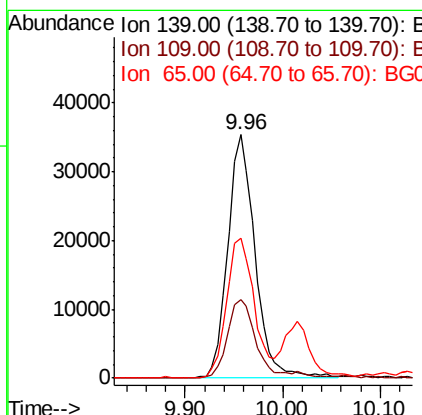
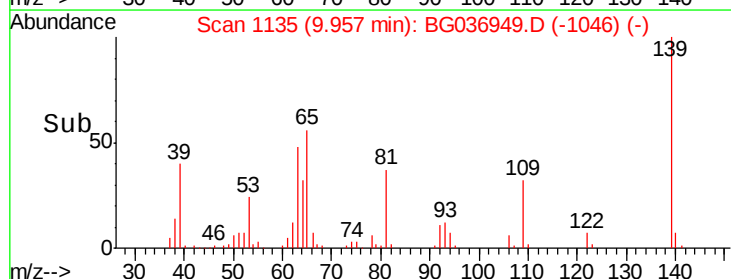
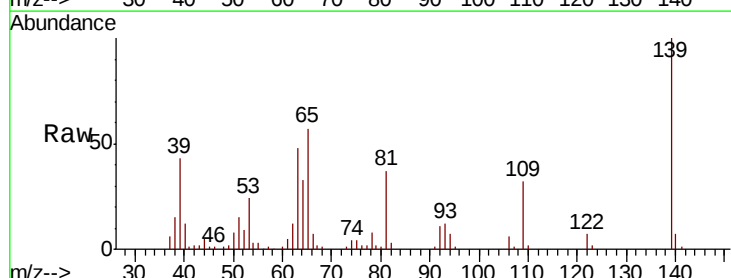
Instrument :
BNA_G
ClientSampleId :
PB113177BS

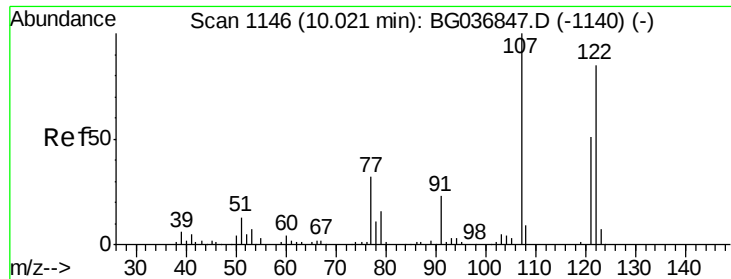
Tot Ion: 82 Resp: 283601
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 17.2 12.9 19.3



#26
2-Nitrophenol
Concen: 46.861 ng
RT: 9.96 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

Tgt Ion: 139 Resp: 68816
Ion Ratio Lower Upper
139 100
109 32.1 27.4 41.0
65 57.3 47.8 71.6

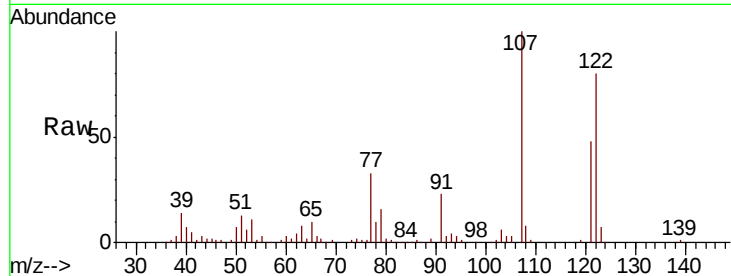




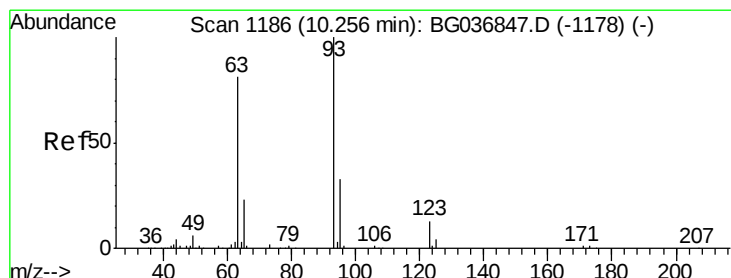
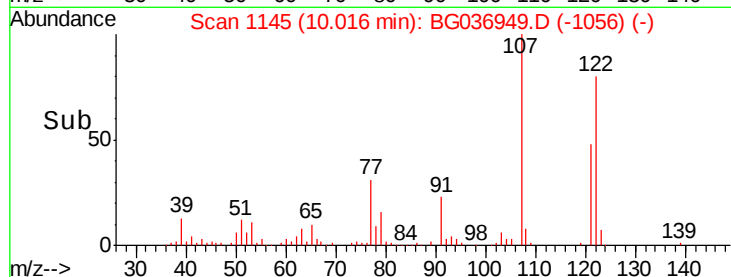
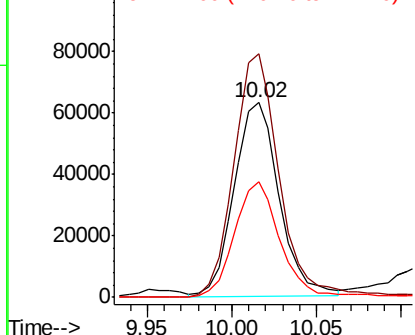
#27
 2,4-Dimethylphenol
 Concen: 51.468 ng
 RT: 10.02 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

Tot Ion:122 Resp: 117734
 Ion Ratio Lower Upper
 122 100
 107 125.3 96.0 144.0
 121 59.8 48.2 72.4

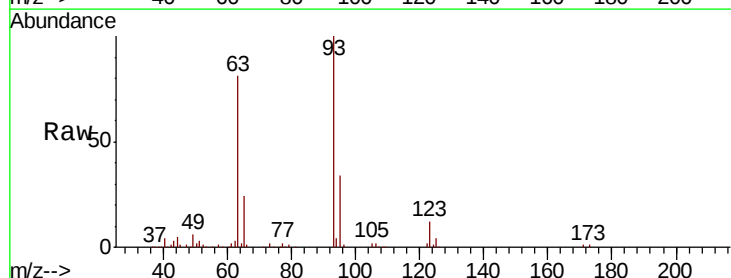


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

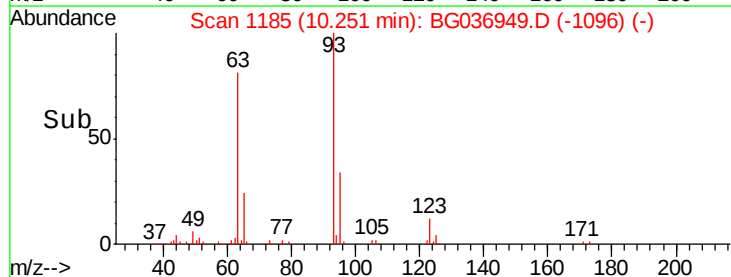
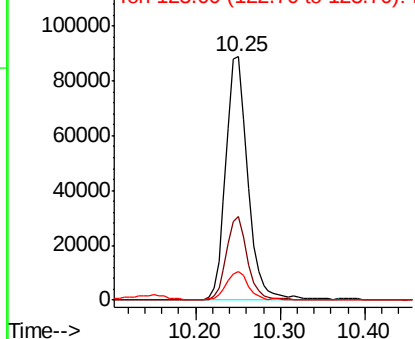


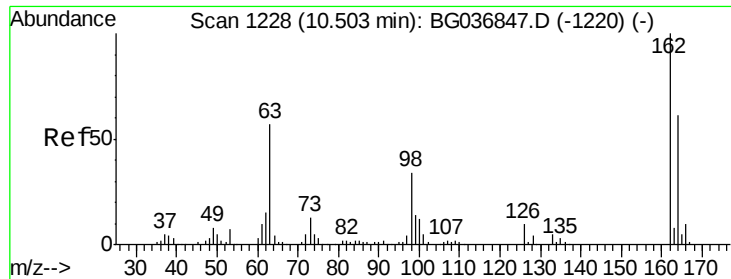
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.220 ng
 RT: 10.25 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Tgt Ion: 93 Resp: 160338
 Ion Ratio Lower Upper
 93 100
 95 34.1 25.2 37.8
 123 12.0 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

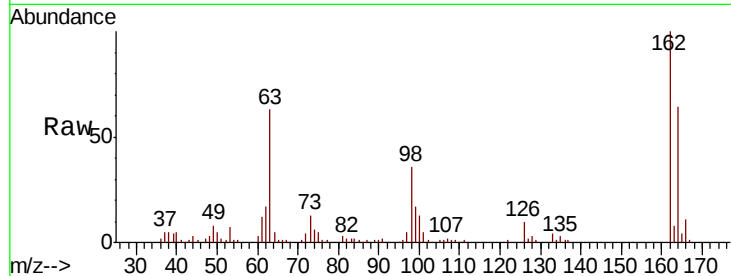




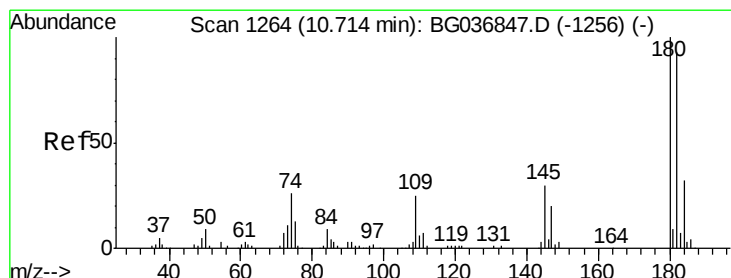
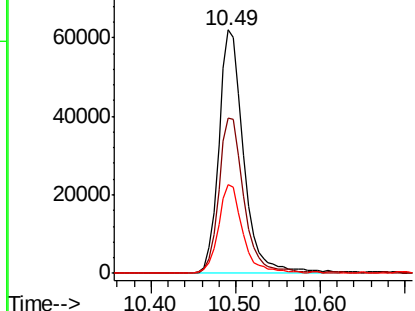
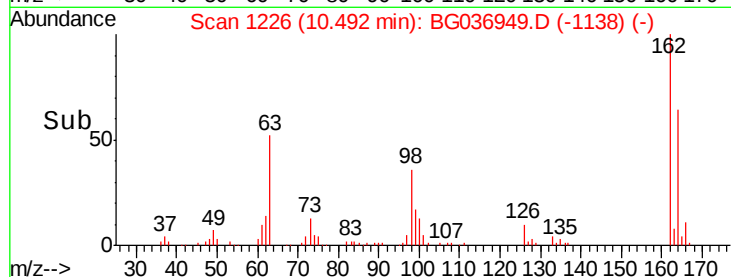
#29
 2,4-Dichlorophenol
 Concen: 47.698 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

Tot Ion:162 Resp: 126483
 Ion Ratio Lower Upper
 162 100
 164 63.8 47.6 87.6
 98 36.3 19.2 59.2

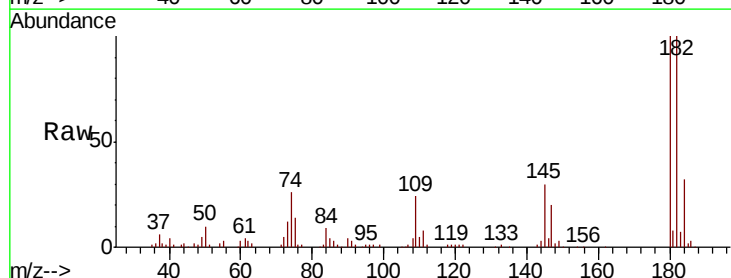


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

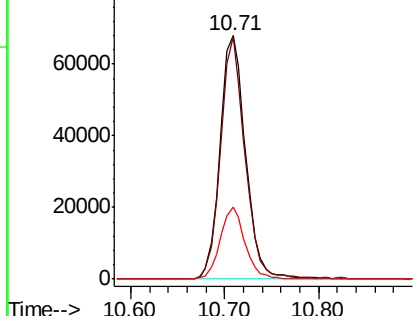
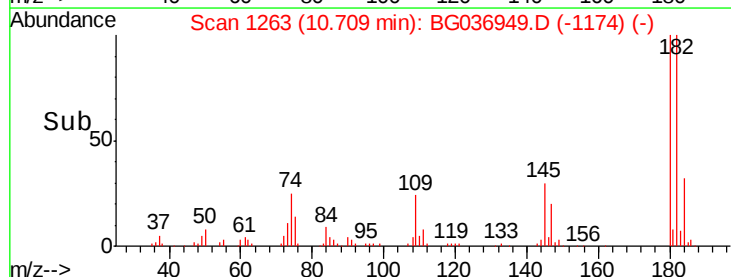


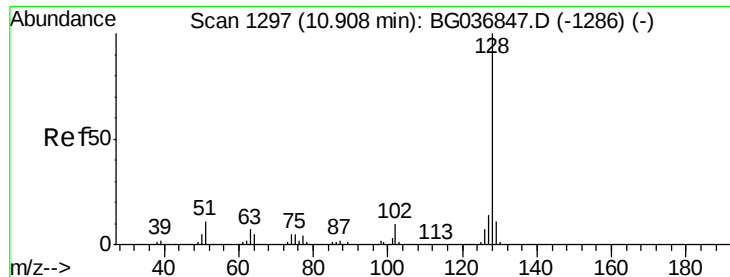
#30
 1,2,4-Trichlorobenzene
 Concen: 38.763 ng
 RT: 10.71 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Tgt Ion:180 Resp: 128636
 Ion Ratio Lower Upper
 180 100
 182 99.7 76.0 114.0
 145 29.6 22.9 34.3



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





#31

Naphthalene

Concen: 41.858 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Instrument :

BNA_G

ClientSampleId :

PB113177BS

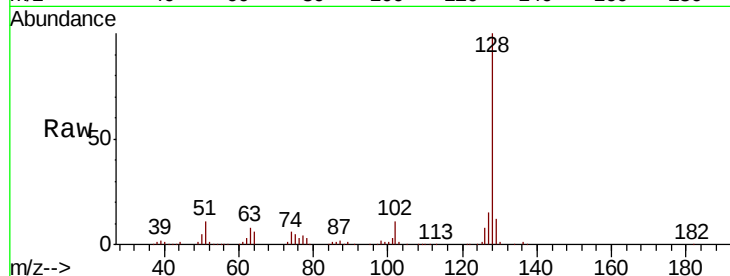
Tot Ion:128 Resp: 367955

Ion Ratio Lower Upper

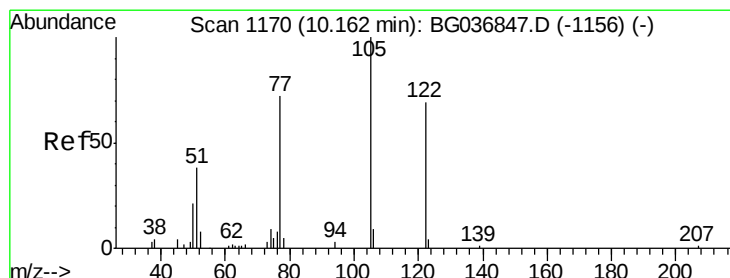
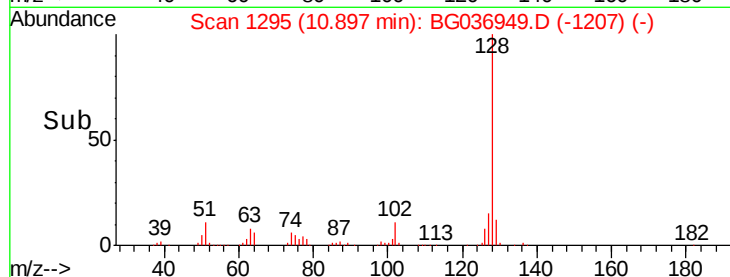
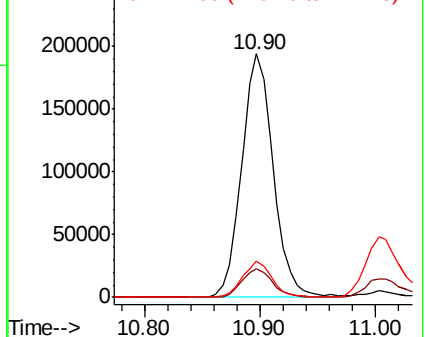
128 100

129 11.5 9.4 14.2

127 14.7 11.0 16.4



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



#32

Benzoic acid

Concen: 45.715 ng

RT: 10.14 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

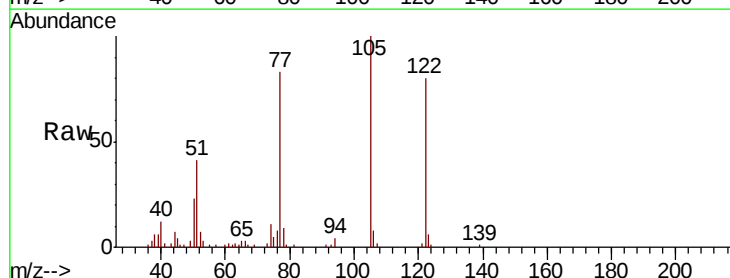
Tgt Ion:122 Resp: 79568

Ion Ratio Lower Upper

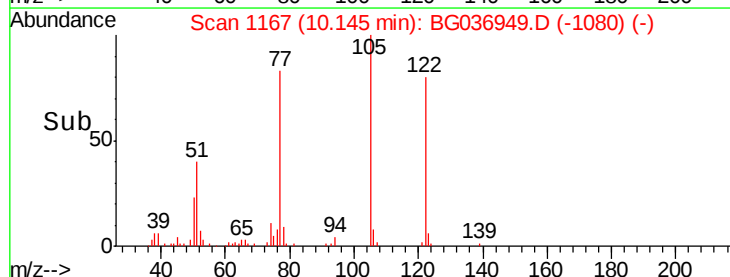
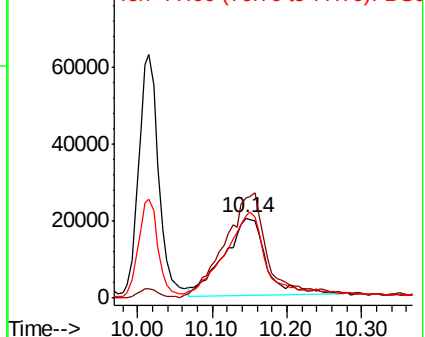
122 100

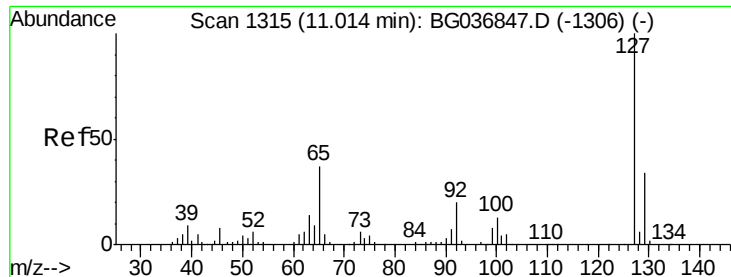
105 124.5 108.1 148.1

77 102.8 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

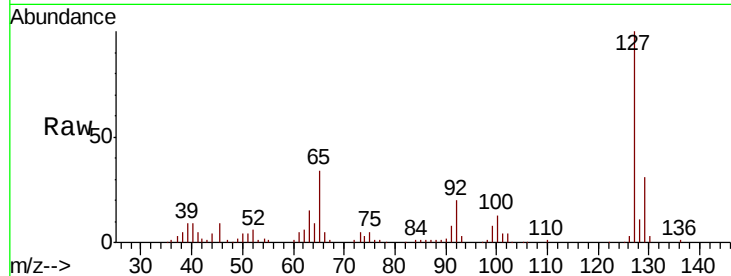




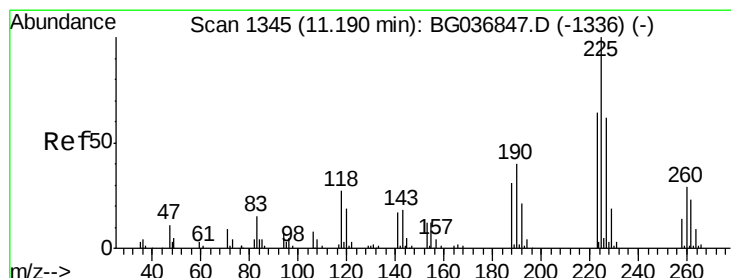
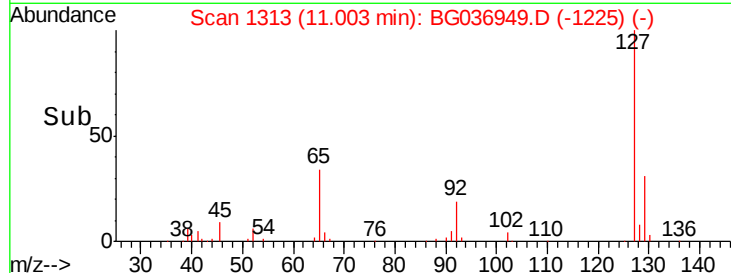
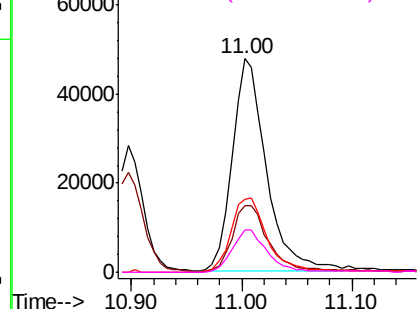
#33
4-Chloroaniline
Concen: 25.791 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

Instrument :
BNA_G
ClientSampleId :
PB113177BS

Tot Ion:127 Resp: 103083
Ion Ratio Lower Upper
127 100
129 31.1 25.9 38.9
65 34.3 27.5 41.3
92 19.6 16.2 24.2

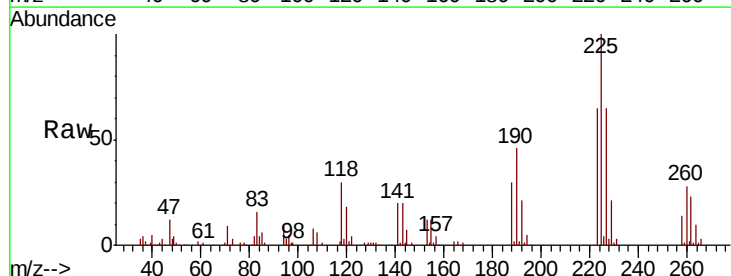


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

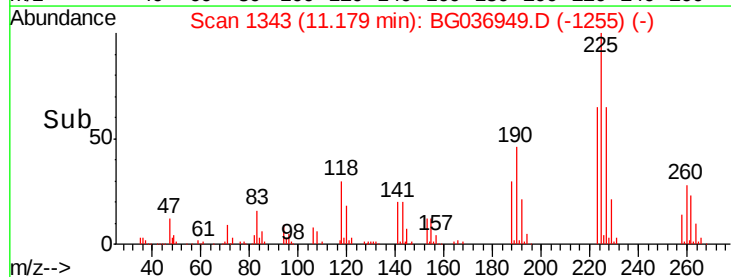
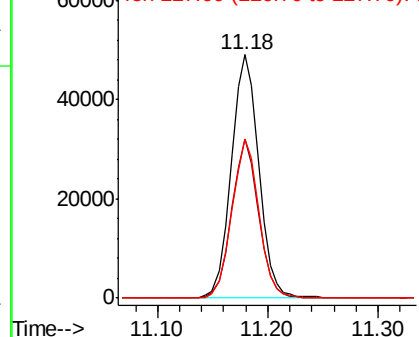


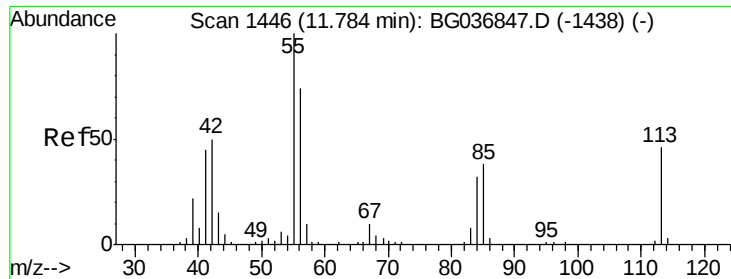
#34
Hexachlorobutadiene
Concen: 37.225 ng
RT: 11.18 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

Tgt Ion:225 Resp: 85428
Ion Ratio Lower Upper
225 100
223 65.5 51.8 77.8
227 65.1 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: 32.854 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Instrument :

BNA_G

ClientSampleId :

PB113177BS

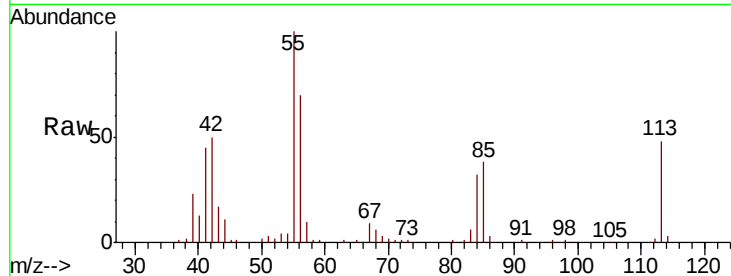
Tot Ion:113 Resp: 35858

Ion Ratio Lower Upper

113 100

55 206.9 197.7 237.7

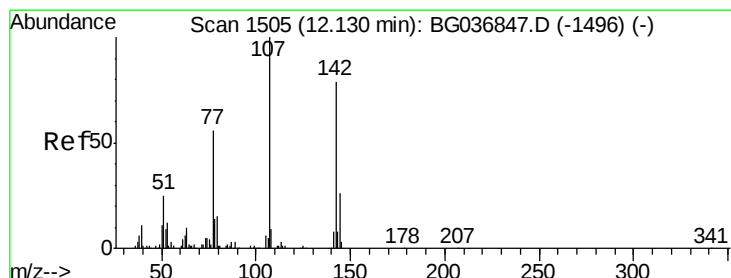
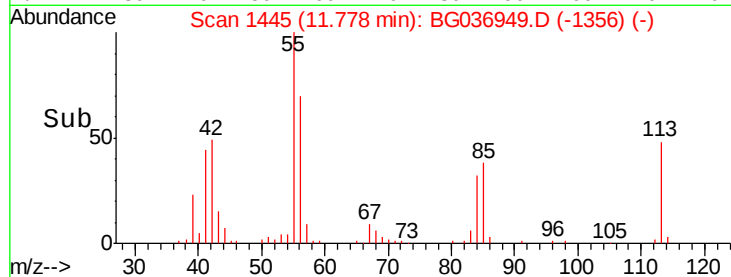
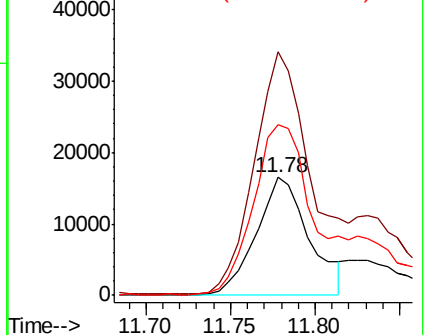
56 145.5 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.497 ng

RT: 12.12 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

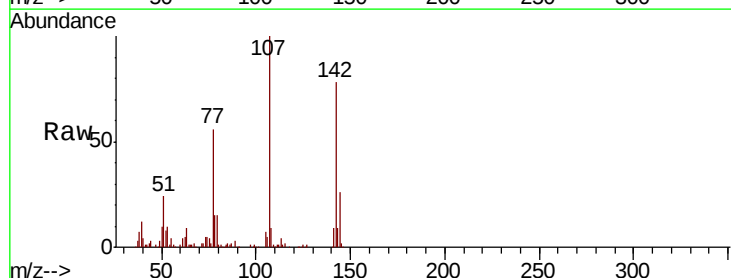
Tgt Ion:107 Resp: 147121

Ion Ratio Lower Upper

107 100

144 26.1 19.5 29.3

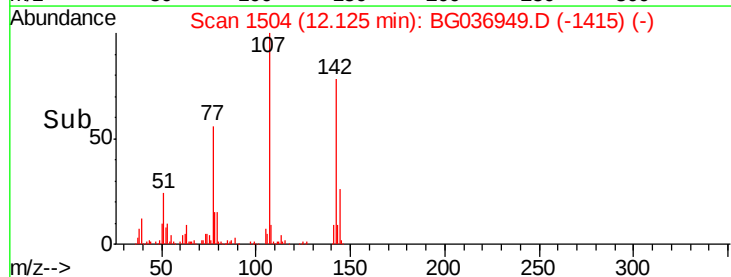
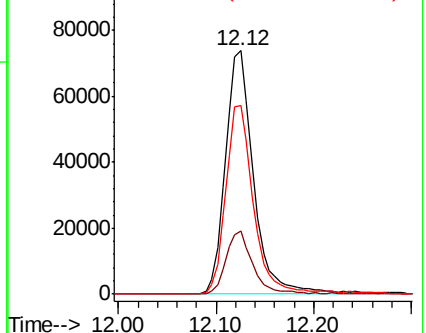
142 77.7 62.4 93.6

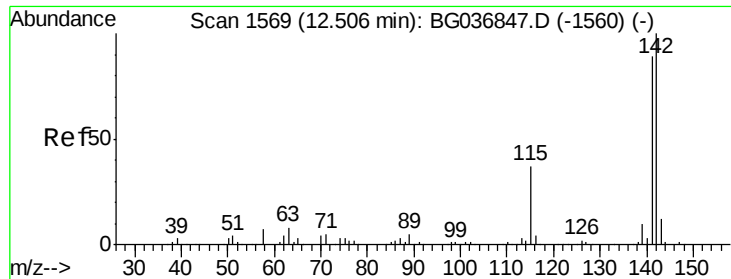


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

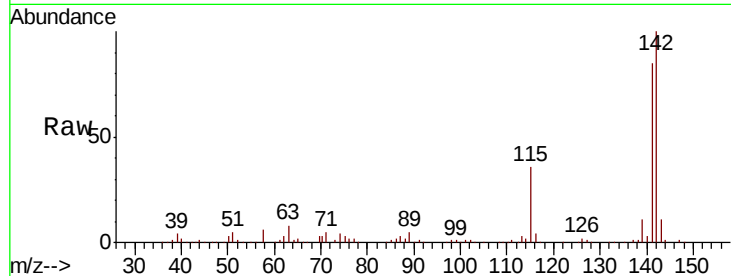




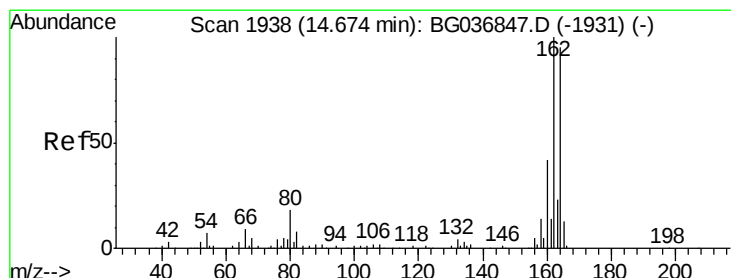
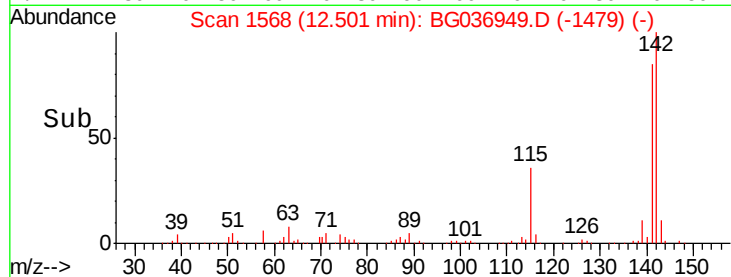
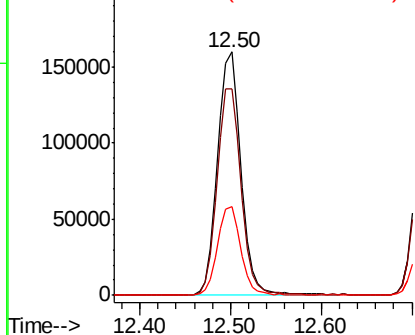
#37
 2-Methylnaphthalene
 Concen: 42.815 ng
 RT: 12.50 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

Tot Ion:142 Resp: 286644
 Ion Ratio Lower Upper
 142 100
 141 84.9 68.5 102.7
 115 36.3 29.8 44.8

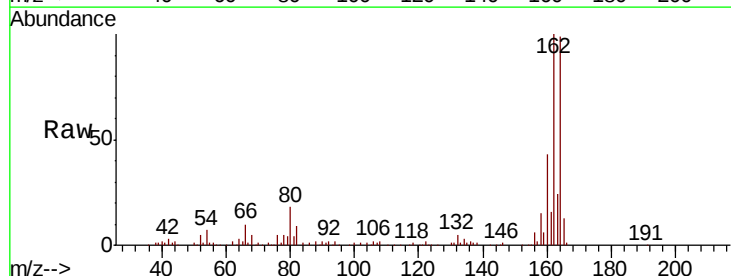


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

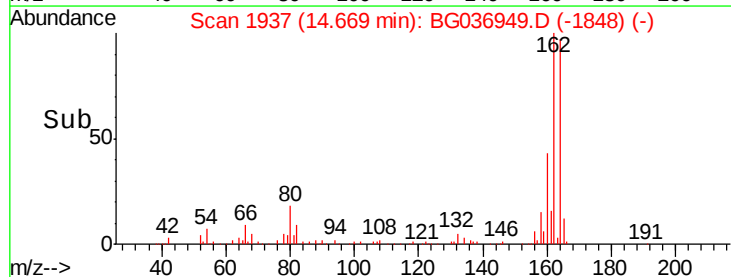
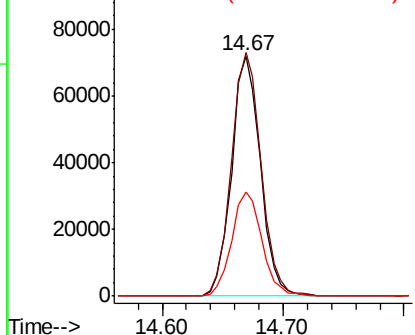


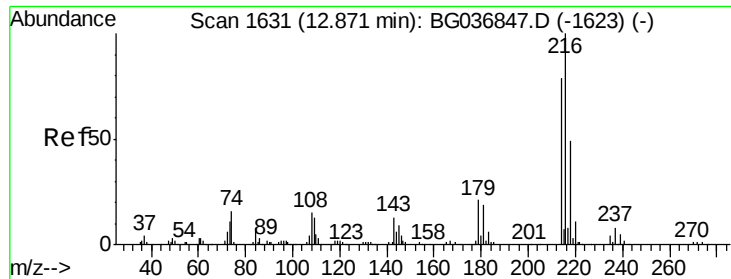
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Tgt Ion:164 Resp: 119776
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.7 121.1
 160 43.5 35.3 52.9



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

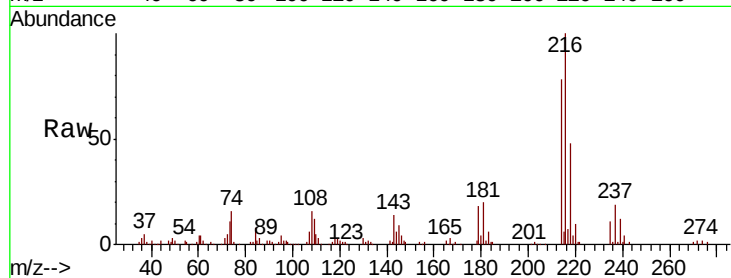




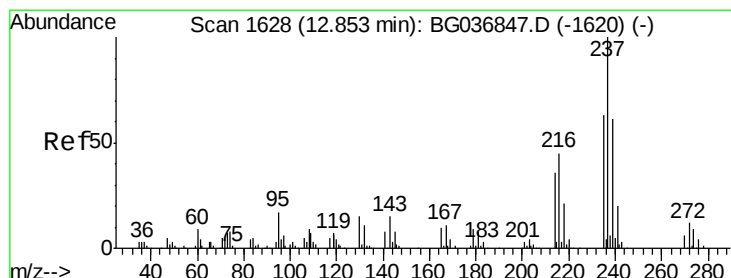
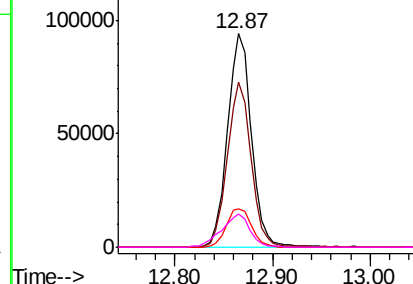
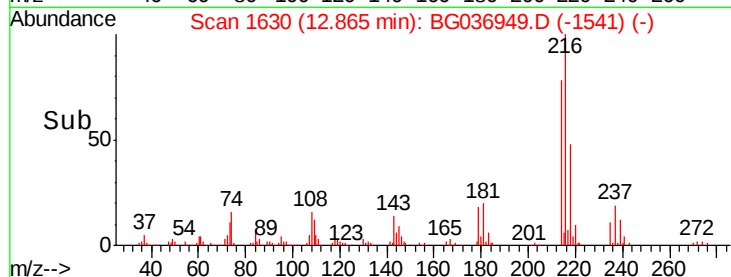
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.251 ng
 RT: 12.87 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

Tot Ion:	216	Resp:	159797
Ion	Ratio	Lower	Upper
216	100		
214	77.1	61.0	91.6
179	19.2	15.7	23.5
108	18.5	13.1	19.7

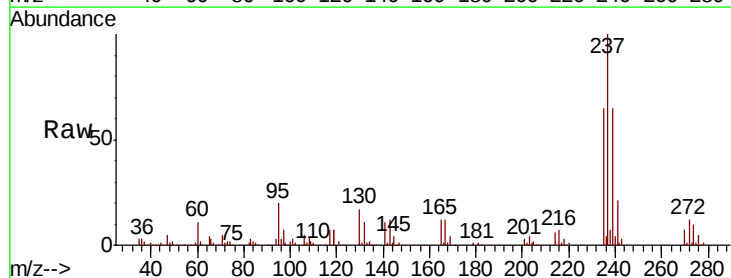


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

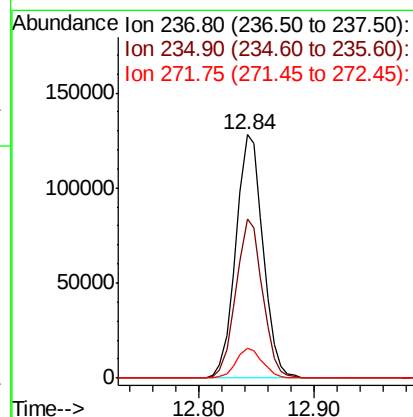
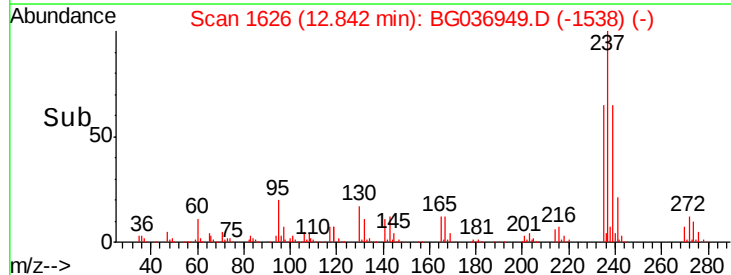


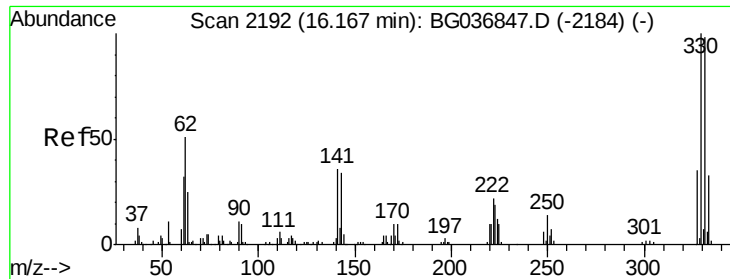
#40
 Hexachlorocyclopentadiene
 Concen: 97.061 ng
 RT: 12.84 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Tgt Ion:	237	Resp:	208539
Ion	Ratio	Lower	Upper
237	100		
235	65.4	42.2	82.2
272	12.1	0.0	32.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 116.989 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Instrument :

BNA_G

ClientSampleId :

PB113177BS

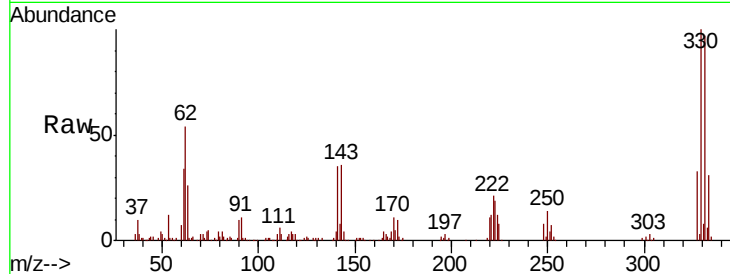
Tot Ion:330 Resp: 167651

Ion Ratio Lower Upper

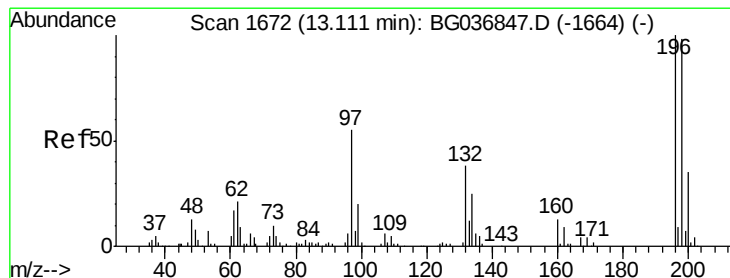
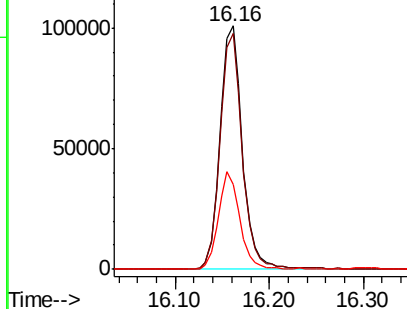
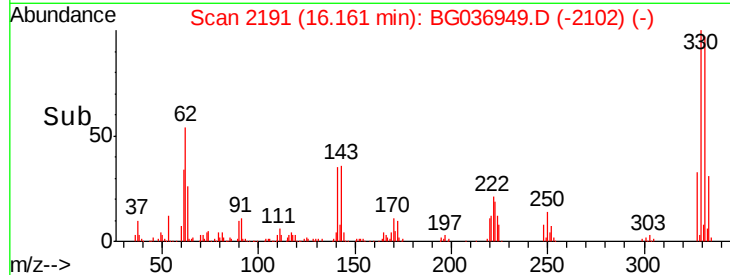
330 100

332 95.8 75.4 113.2

141 38.6 30.7 46.1



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



#42

2,4,6-Trichlorophenol

Concen: 47.002 ng

RT: 13.11 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

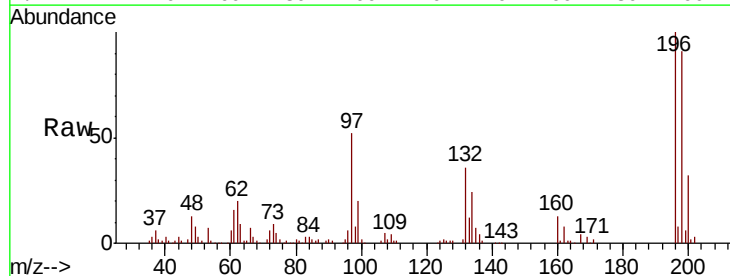
Tgt Ion:196 Resp: 109037

Ion Ratio Lower Upper

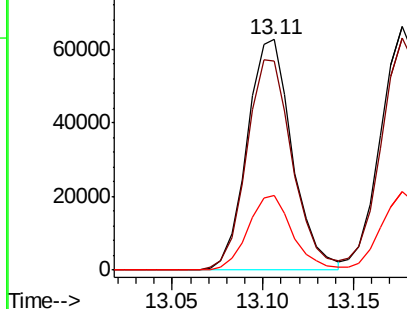
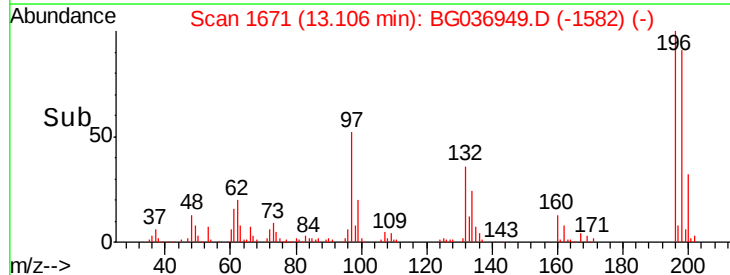
196 100

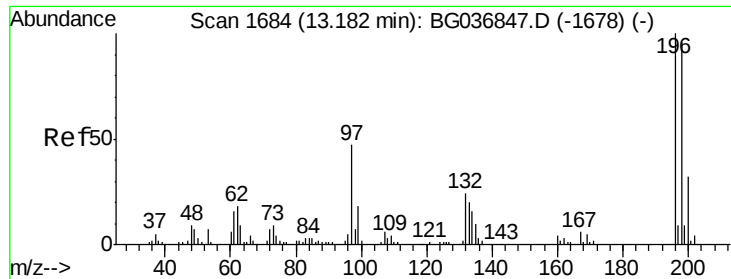
198 90.6 77.2 115.8

200 32.1 26.3 39.5



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

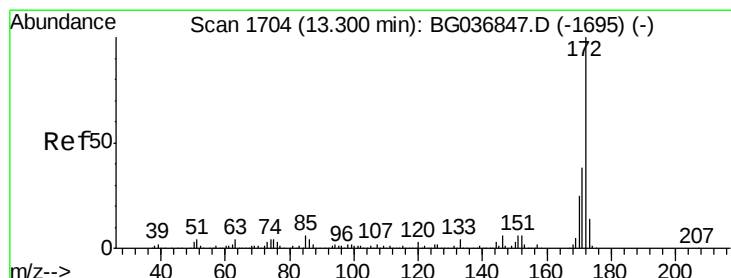
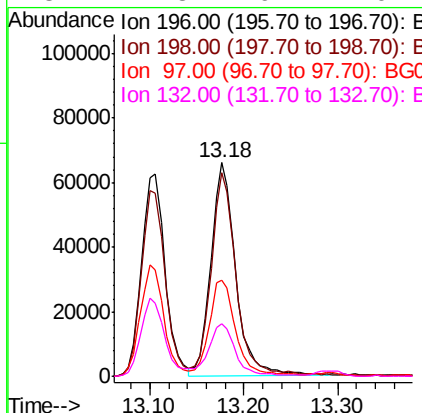
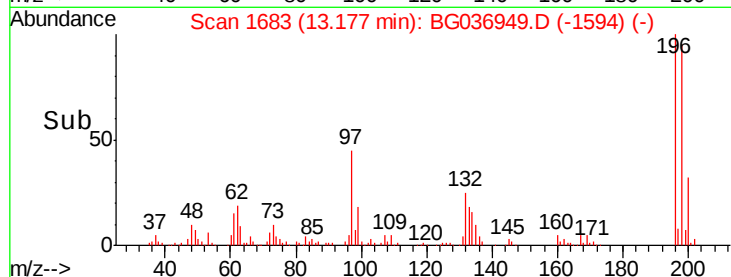
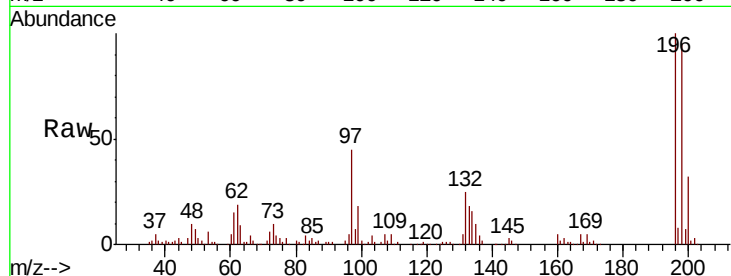




#43
 2,4,5-Trichlorophenol
 Concen: 49.315 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

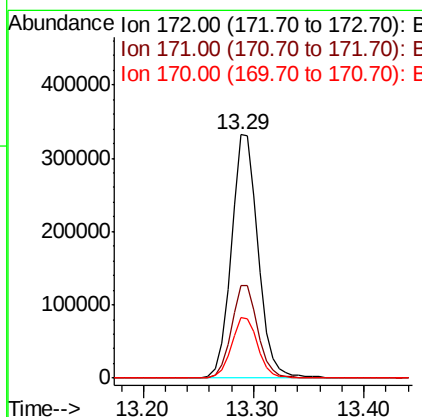
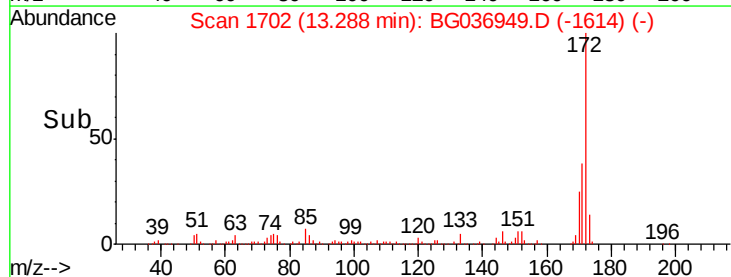
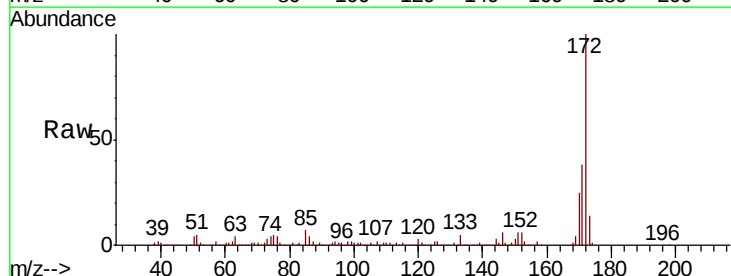
Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

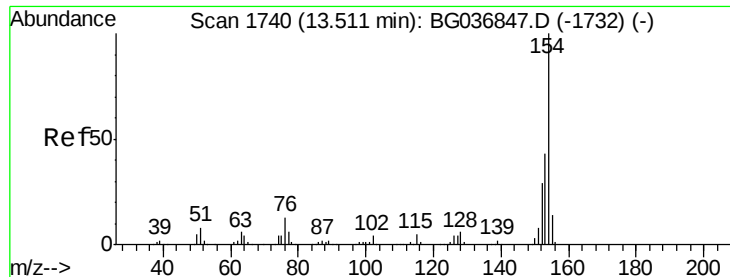
Tot Ion:196	Resp:	121988
Ion	Ratio	Lower Upper
196	100	
198	95.1	75.6 113.4
97	44.8	37.2 55.8
132	24.8	19.4 29.2



#44
 2-Fluorobiphenyl
 Concen: 70.214 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Tgt Ion:172	Resp:	564660
Ion	Ratio	Lower Upper
172	100	
171	38.2	31.3 46.9
170	24.7	21.0 31.6

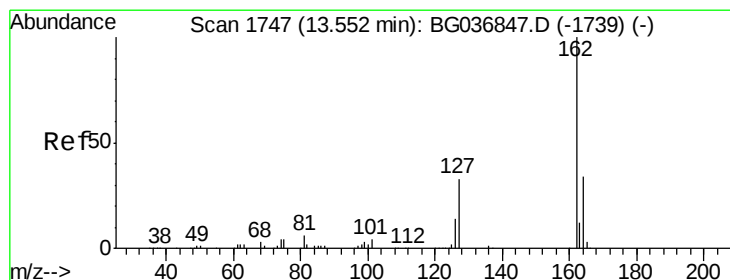
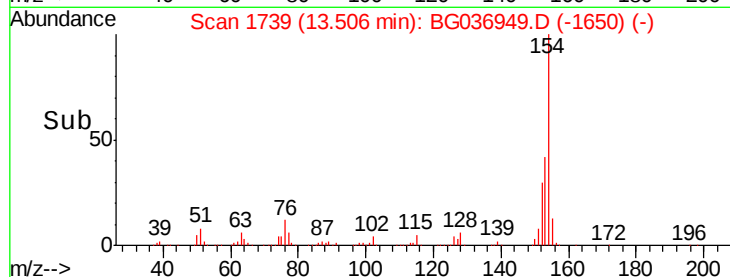
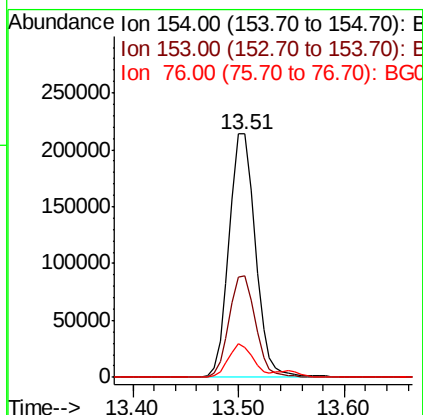
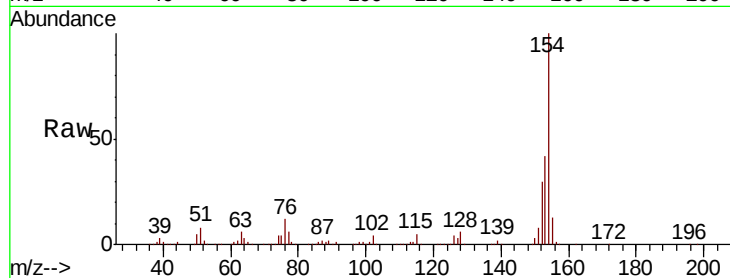




#45
 1,1'-Biphenyl
 Concen: 40.407 ng
 RT: 13.51 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

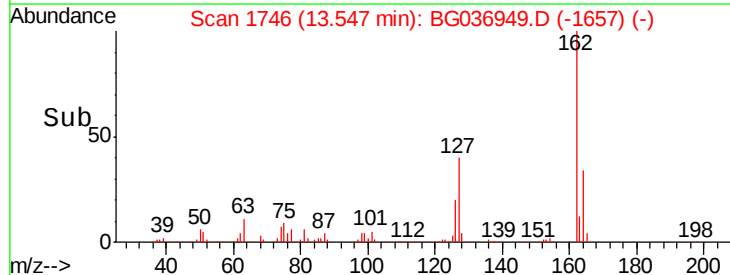
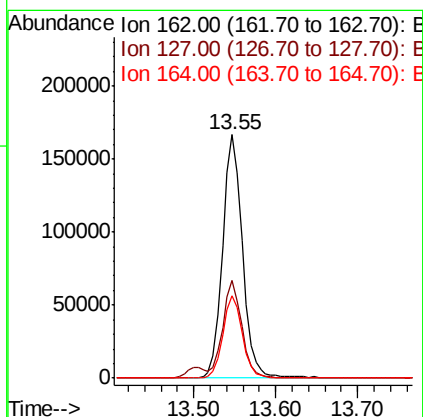
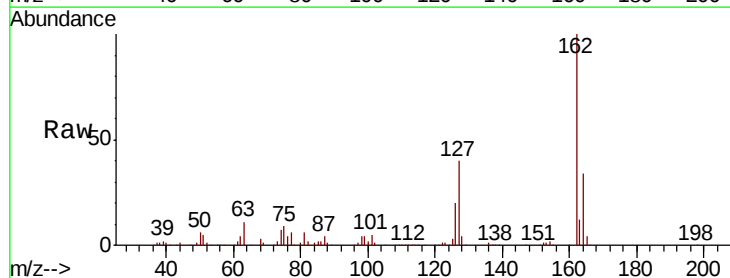
Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

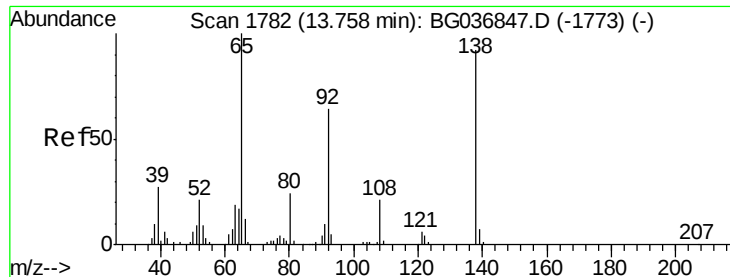
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.7	24.0	64.0
76	12.3	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 39.119 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	30.7	46.1
164	33.7	26.7	40.1





#47

2-Nitroaniline

Concen: 45.212 ng

RT: 13.75 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Instrument :

BNA_G

ClientSampleId :

PB113177BS

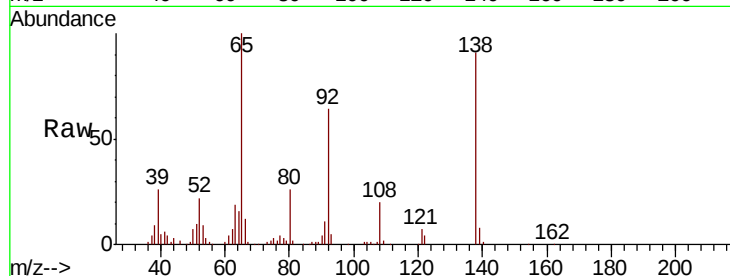
Tot Ion: 65 Resp: 112811

Ion Ratio Lower Upper

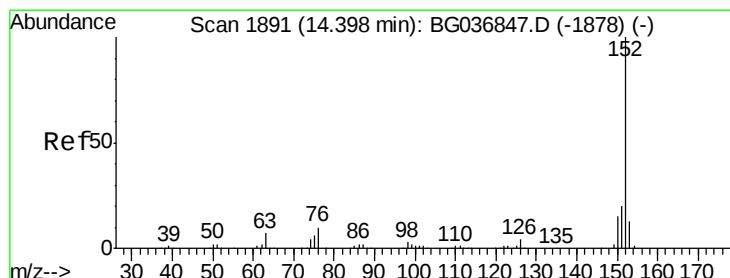
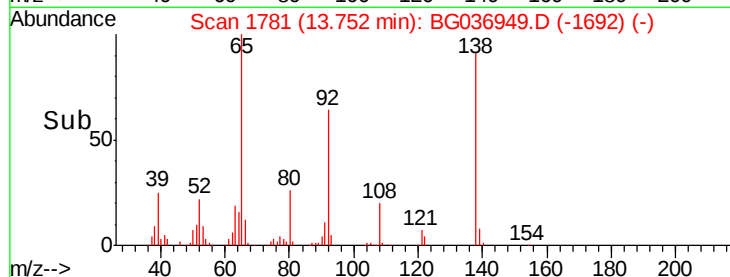
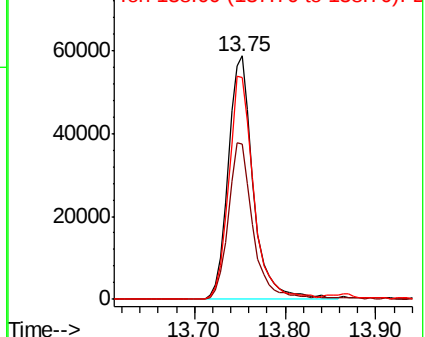
65 100

92 64.0 49.9 74.9

138 90.9 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: 43.178 ng

RT: 14.39 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

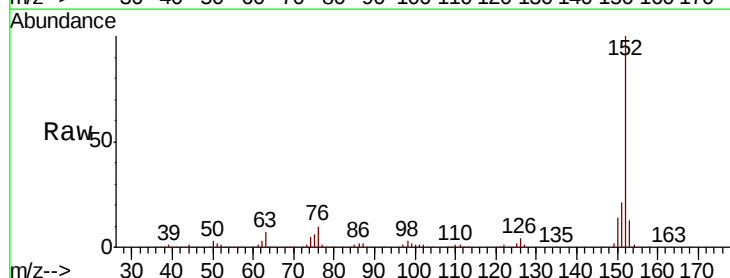
Tgt Ion: 152 Resp: 488090

Ion Ratio Lower Upper

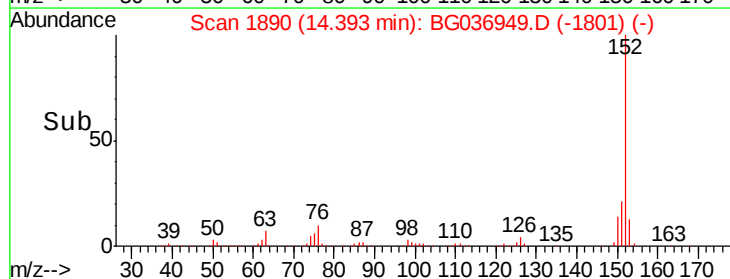
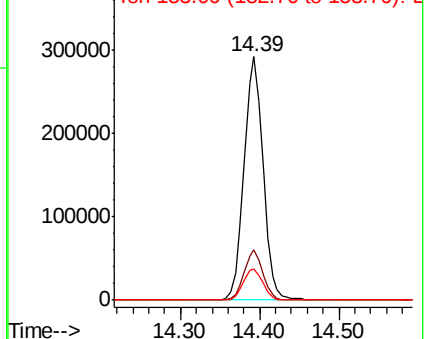
152 100

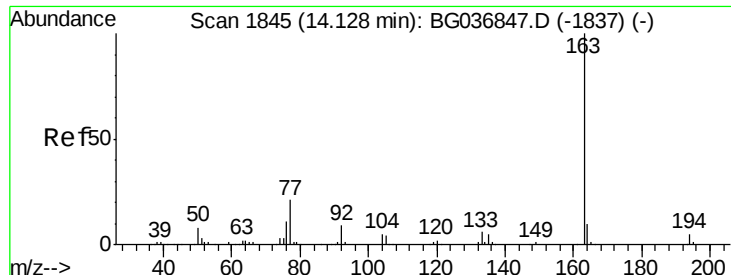
151 20.7 16.9 25.3

153 13.0 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 41.212 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Instrument :

BNA_G

ClientSampleId :

PB113177BS

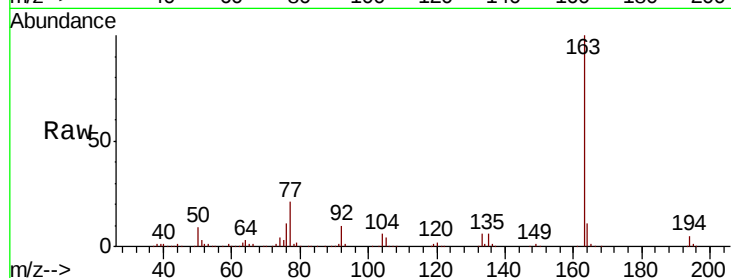
Tot Ion:163 Resp: 397330

Ion Ratio Lower Upper

163 100

194 5.4 4.0 6.0

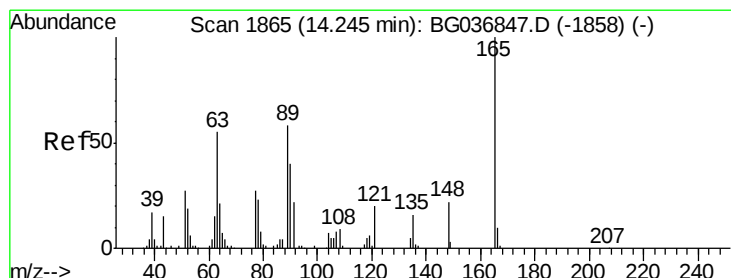
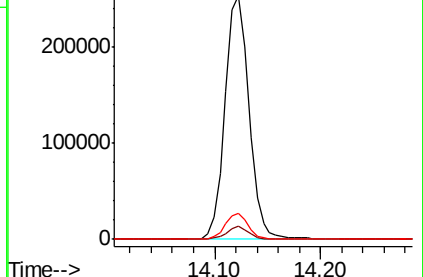
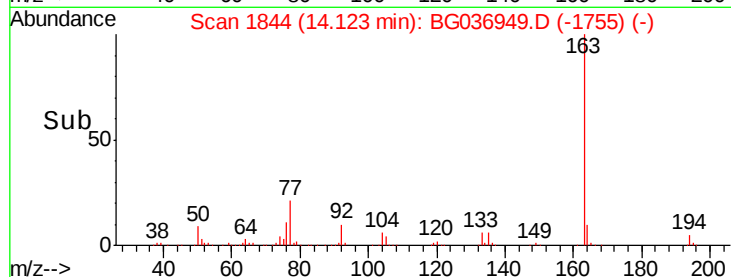
164 10.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.057 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

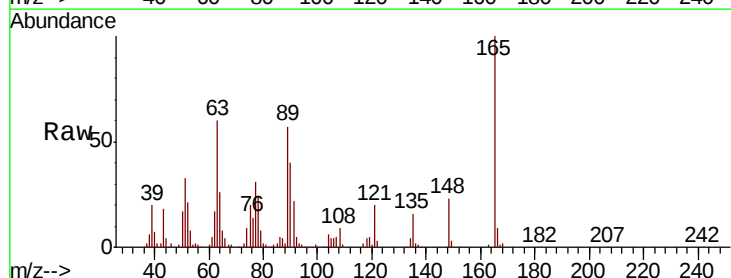
Tgt Ion:165 Resp: 88469

Ion Ratio Lower Upper

165 100

63 60.3 50.1 75.1

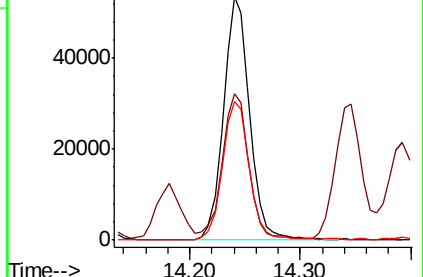
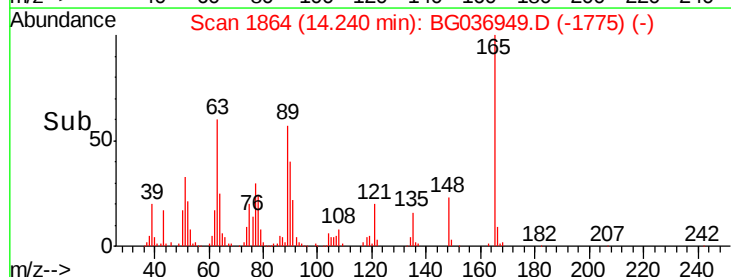
89 56.9 47.8 71.6

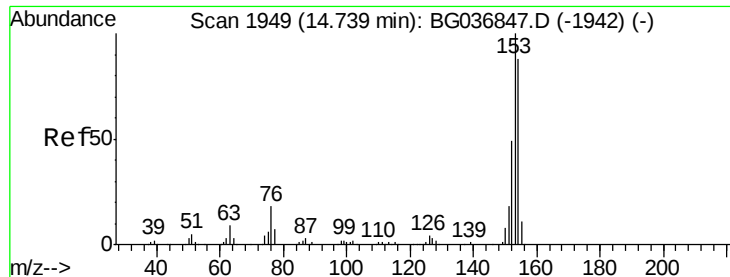


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.124 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Instrument :

BNA_G

ClientSampleId :

PB113177BS

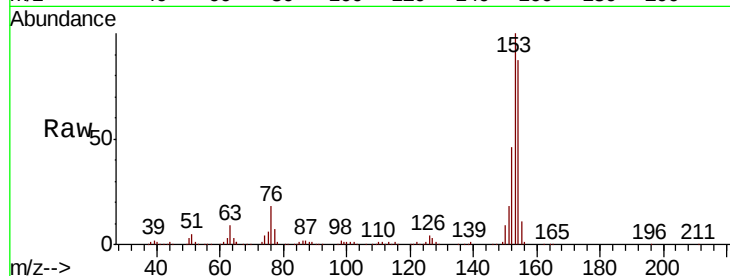
Tot Ion:154 Resp: 280959

Ion Ratio Lower Upper

154 100

153 115.4 91.8 137.6

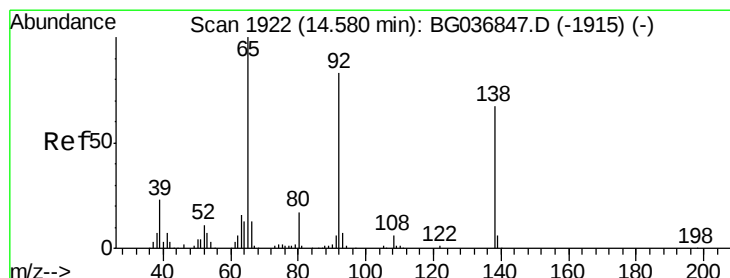
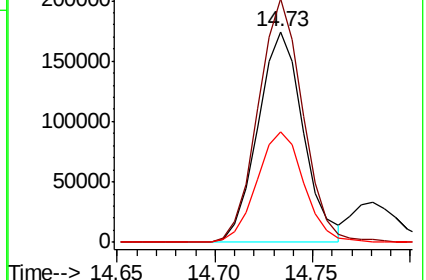
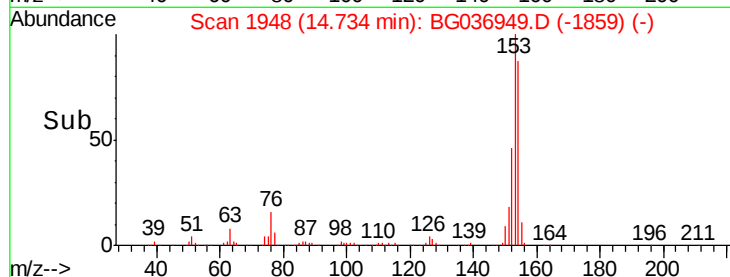
152 52.7 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.431 ng

RT: 14.57 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

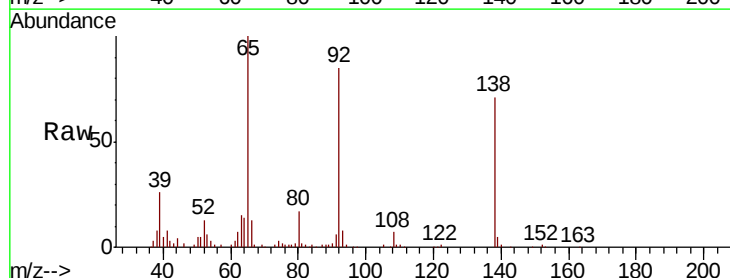
Tgt Ion:138 Resp: 69671

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.2

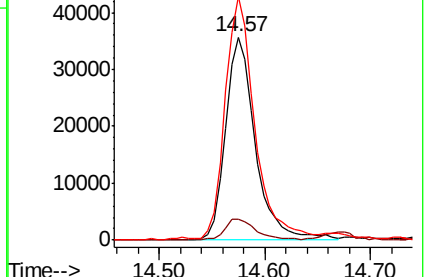
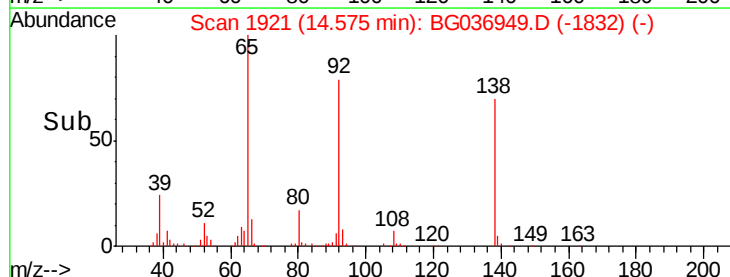
92 120.1 96.8 145.2

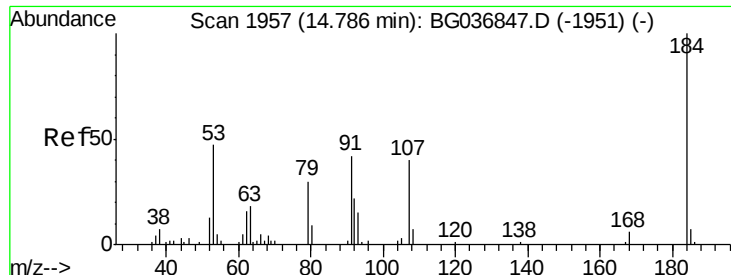


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 99.015 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Instrument :

BNA_G

ClientSampleId :

PB113177BS

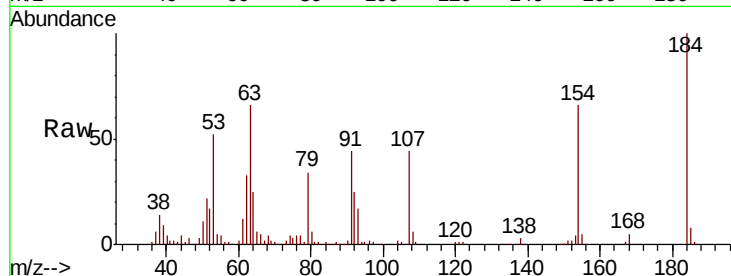
Tot Ion:184 Resp: 99593

Ion Ratio Lower Upper

184 100

63 65.9 47.3 70.9

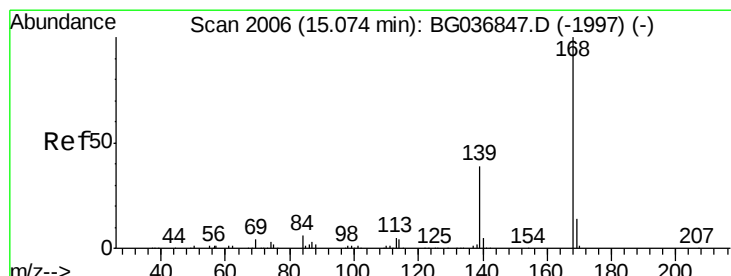
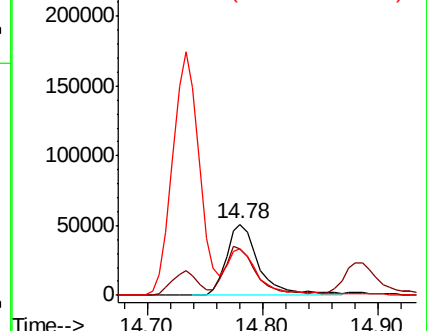
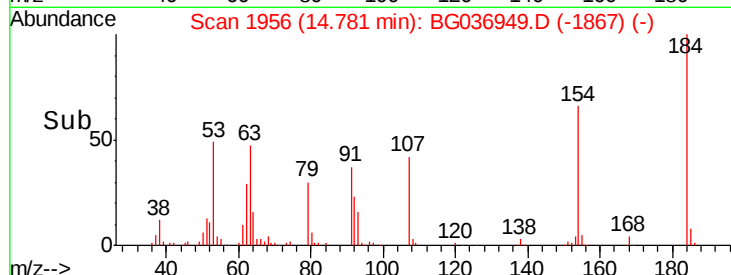
154 65.7 51.1 76.7



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: 40.173 ng

RT: 15.07 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

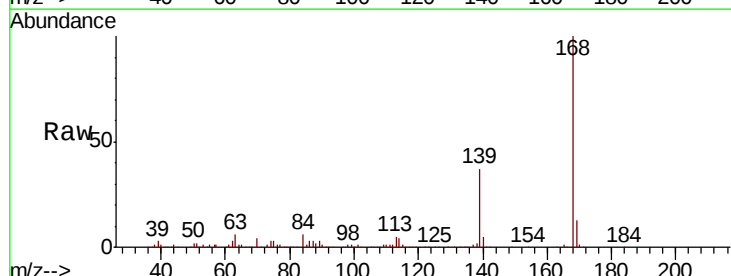
Tgt Ion:168 Resp: 464241

Ion Ratio Lower Upper

168 100

139 37.4 31.0 46.6

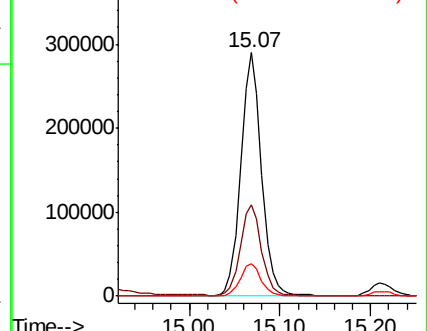
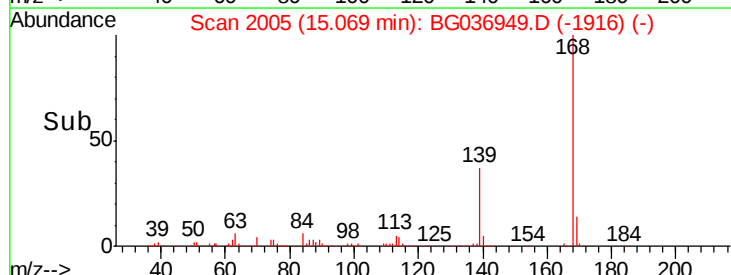
169 13.5 11.1 16.7

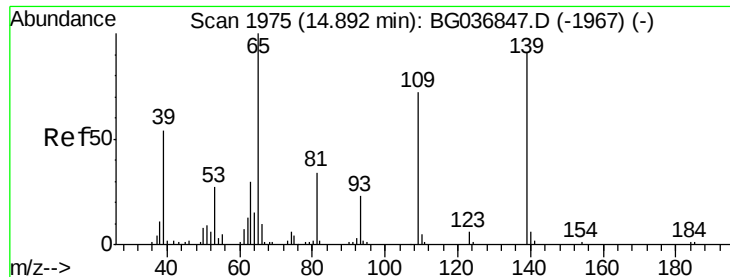


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

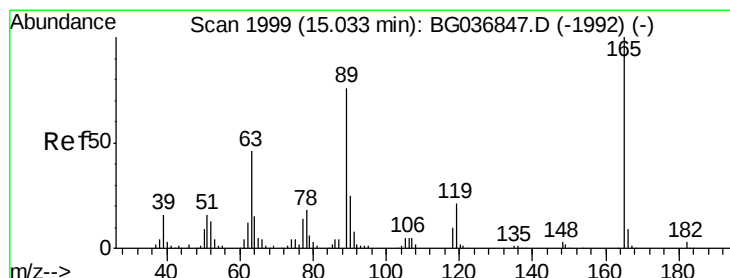
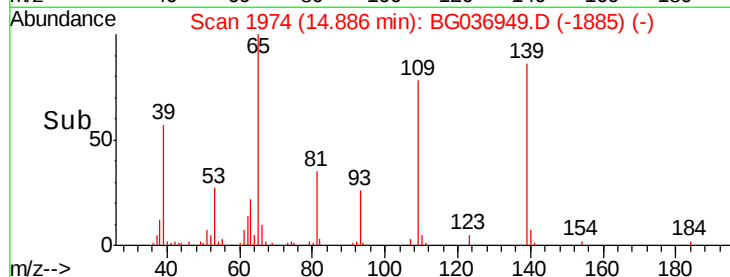
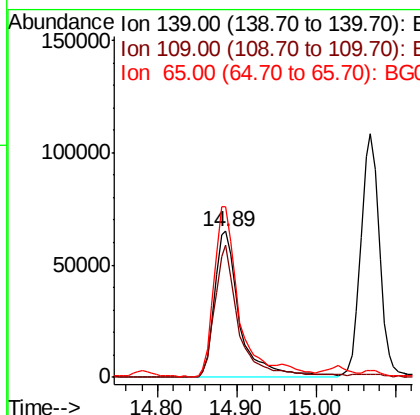
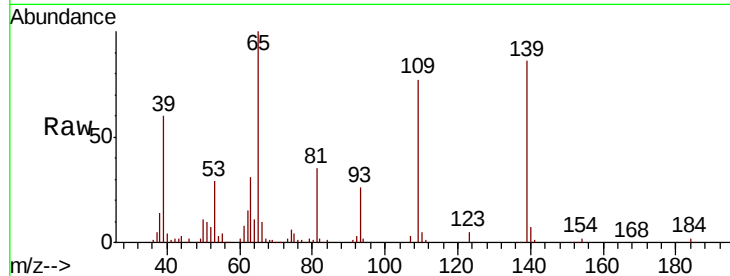




#55
4-Nitrophenol
Concen: 101.820 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

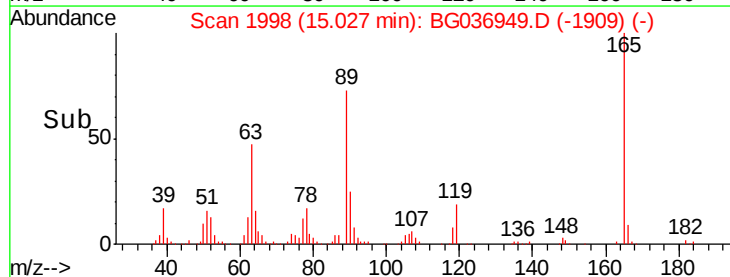
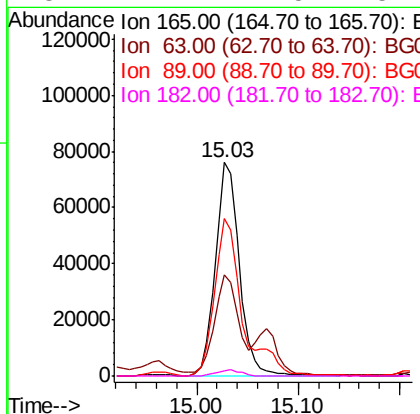
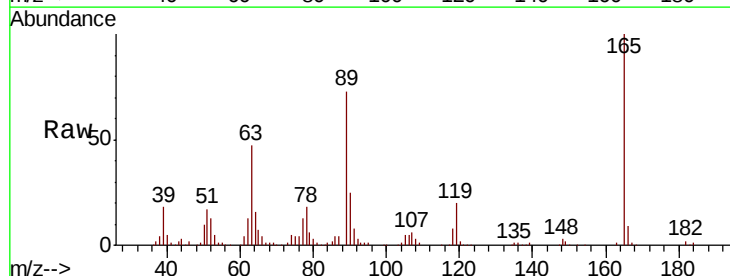
Instrument :
BNA_G
ClientSampleId :
PB113177BS

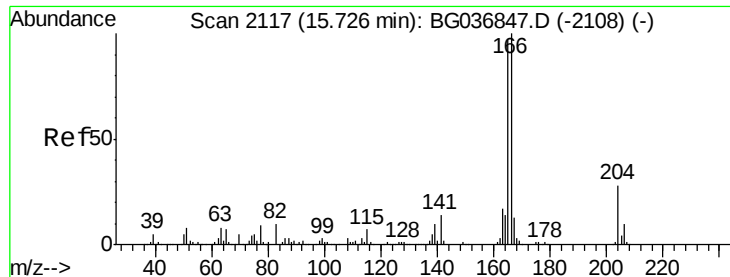
Tot Ion	Ratio	Lower	Upper
139	100		
109	90.2	63.9	103.9
65	116.6	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 42.802 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.3	40.1	60.1
89	73.4	63.7	95.5
182	2.4	2.5	3.7#





#57

Fluorene

Concen: 43.613 ng

RT: 15.71 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Instrument :

BNA_G

ClientSampleId :

PB113177BS

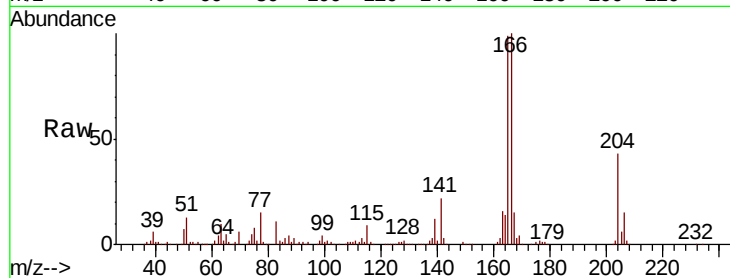
Tot Ion:166 Resp: 376703

Ion Ratio Lower Upper

166 100

165 98.9 77.0 115.4

167 14.6 10.6 16.0

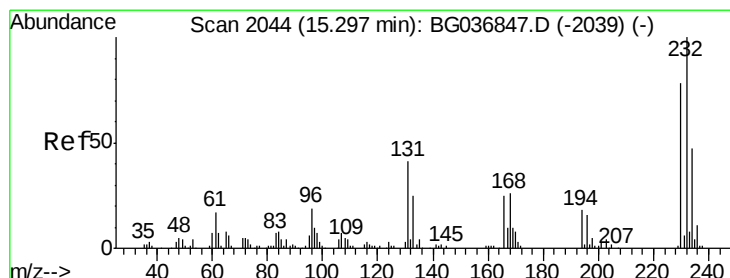
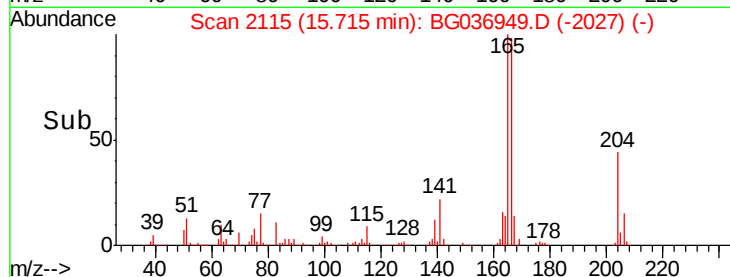
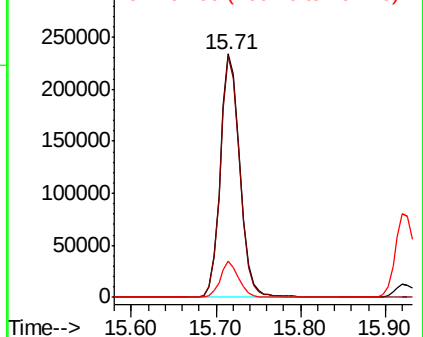


Abundance

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: 48.019 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Tgt Ion:232 Resp: 120498

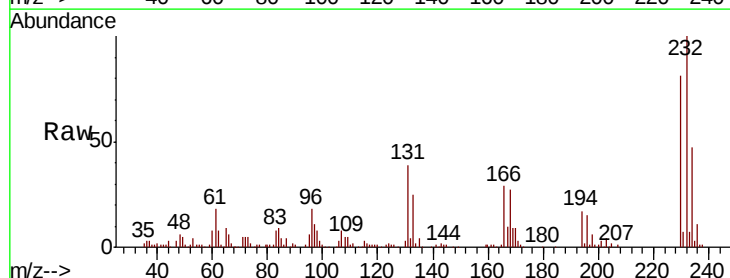
Ion Ratio Lower Upper

232 100

131 39.1 33.8 50.8

130 2.5 2.1 3.1

166 27.6 22.3 33.5



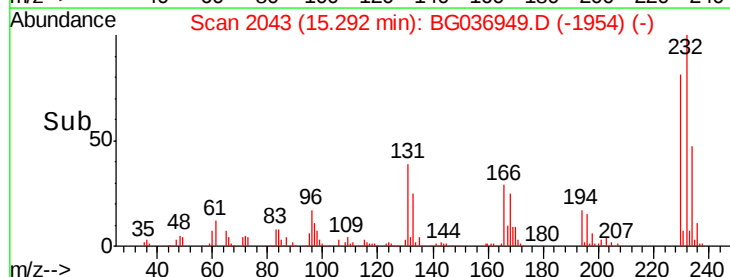
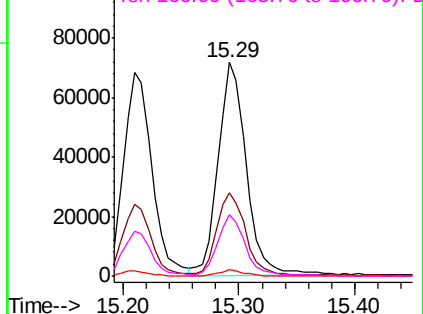
Abundance

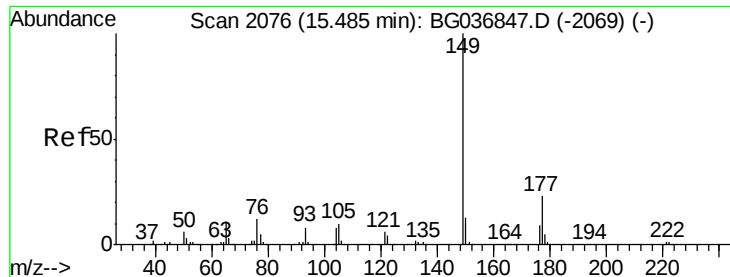
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.013 ng

RT: 15.49 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Instrument :

BNA_G

ClientSampleId :

PB113177BS

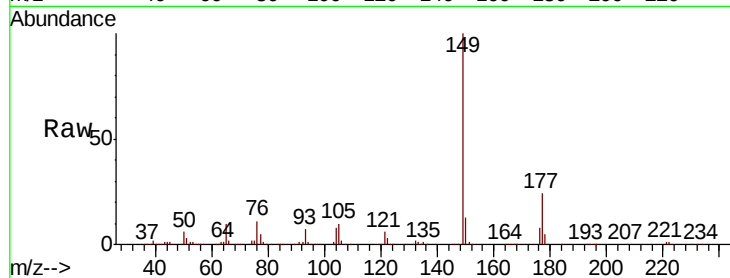
Tot Ion:149 Resp: 398813

Ion Ratio Lower Upper

149 100

177 23.6 19.1 28.7

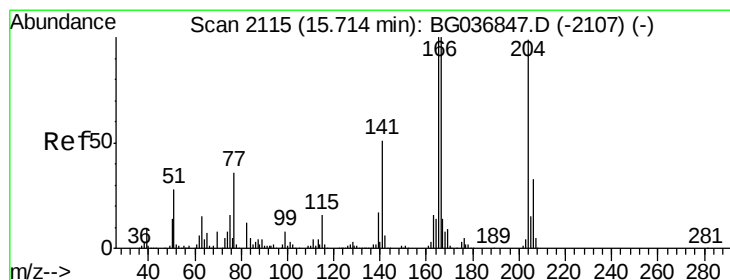
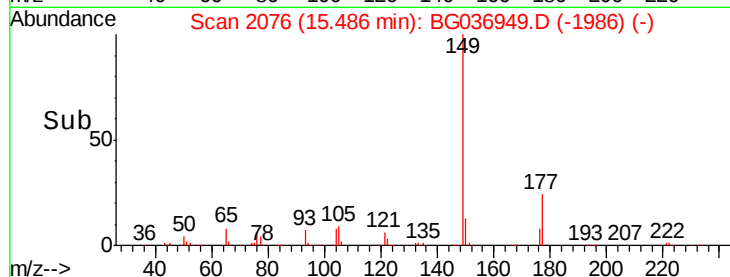
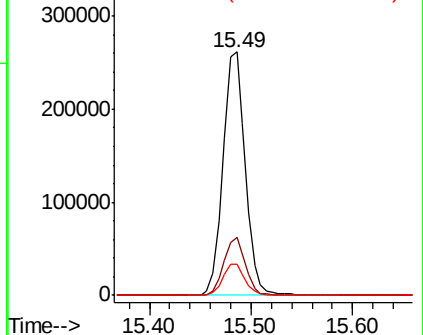
150 12.6 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.371 ng

RT: 15.71 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

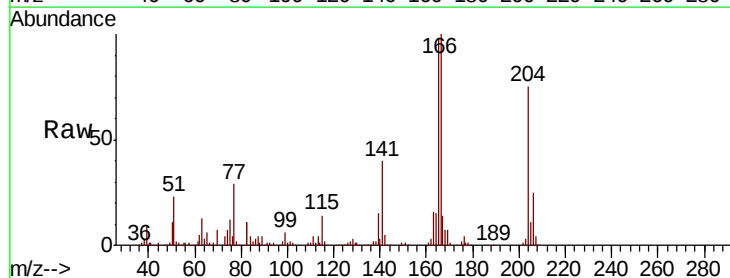
Tgt Ion:204 Resp: 209892

Ion Ratio Lower Upper

204 100

206 33.6 27.0 40.4

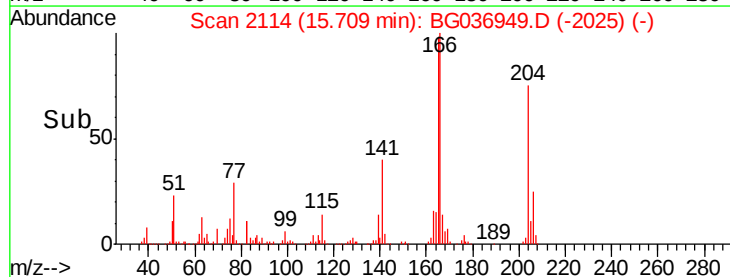
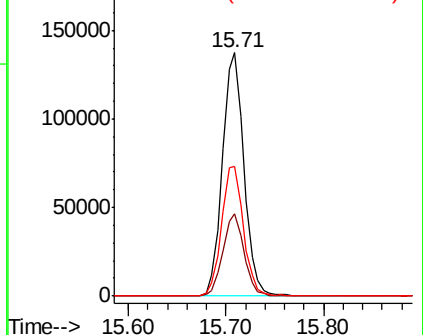
141 53.2 43.8 65.6

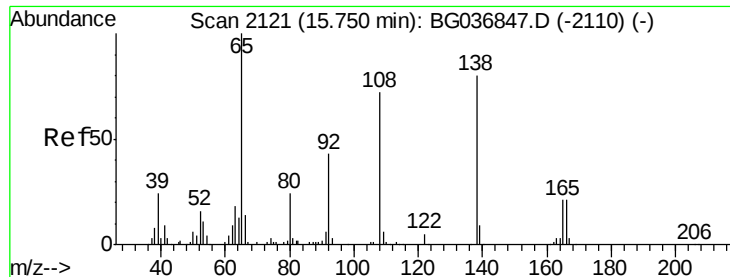


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

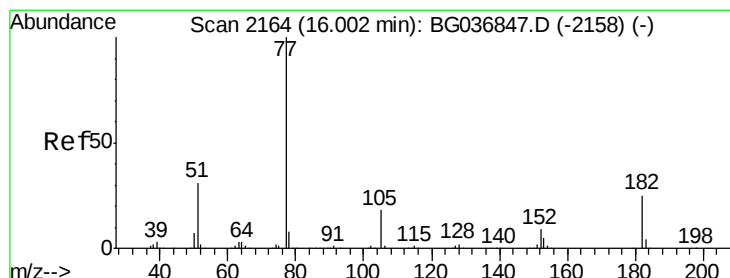
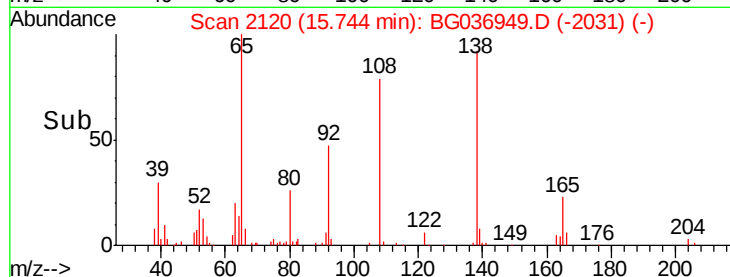
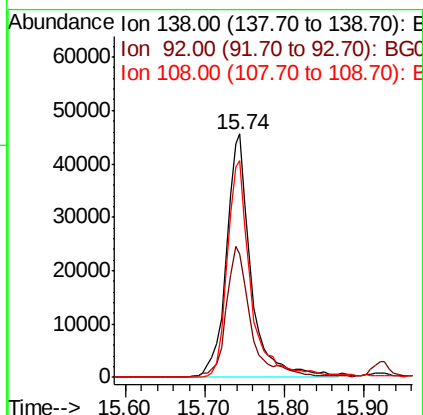
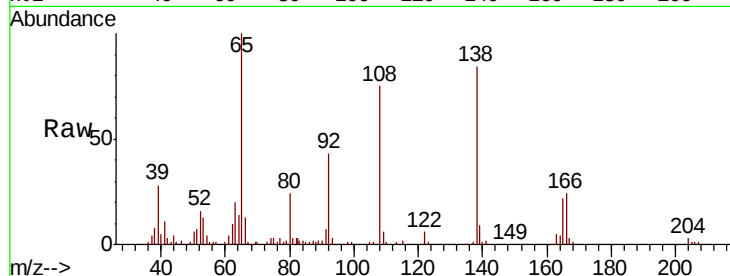




#61
4-Nitroaniline
Concen: 41.633 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

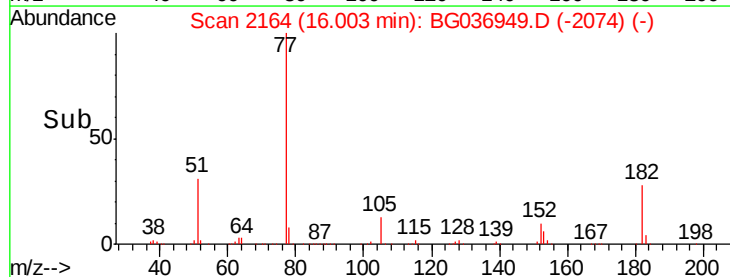
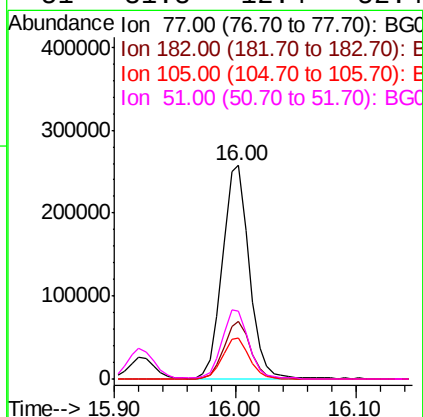
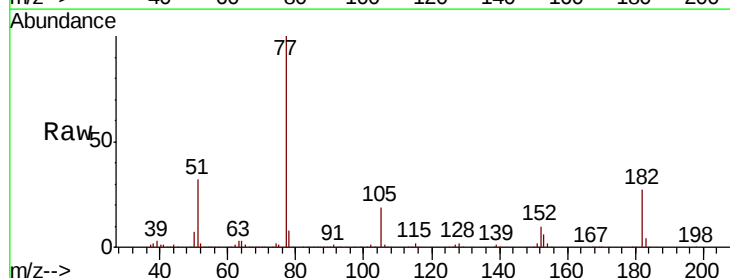
Instrument :
BNA_G
ClientSampleId :
PB113177BS

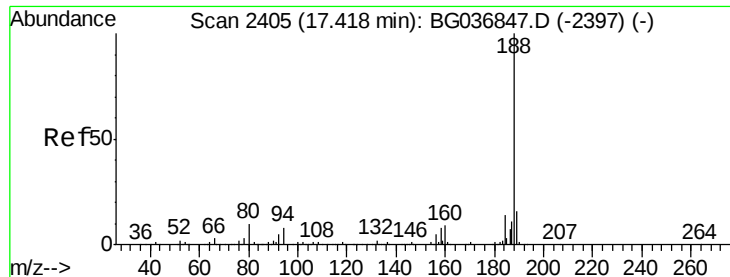
Tot Ion:138 Resp: 97071
Ion Ratio Lower Upper
138 100
92 50.8 38.5 78.5
108 89.0 70.3 110.3



#62
Azobenzene
Concen: 41.995 ng
RT: 16.00 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

Tgt Ion: 77 Resp: 392382
Ion Ratio Lower Upper
77 100
182 26.7 6.7 46.7
105 19.3 0.0 39.8
51 31.8 12.4 52.4

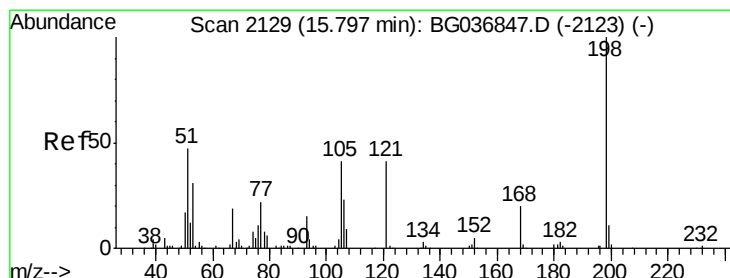
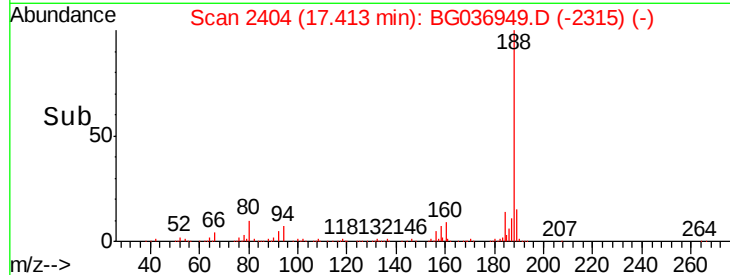
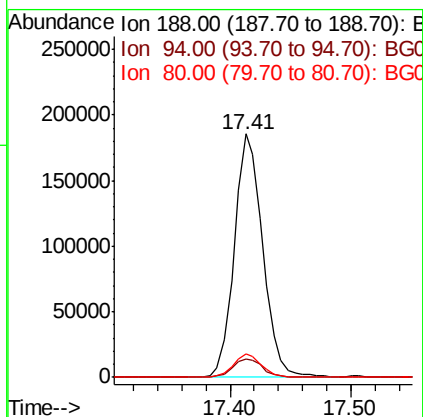
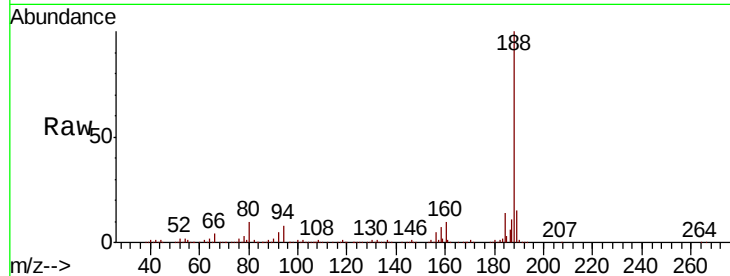




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

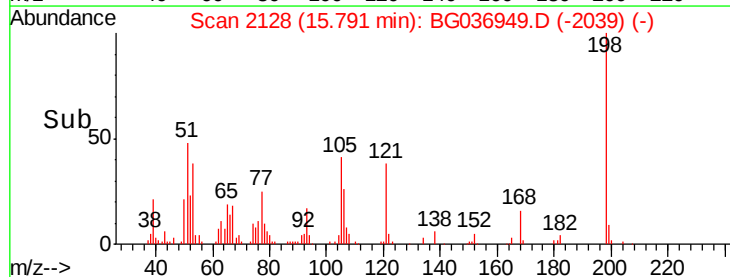
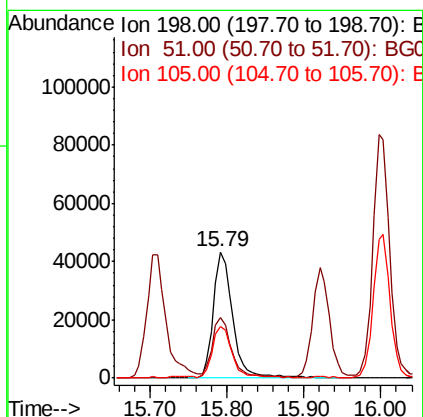
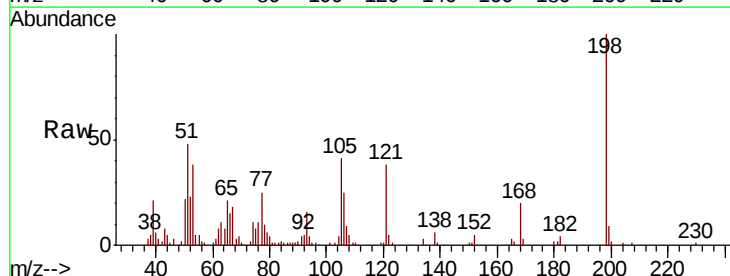
Instrument :
BNA_G
ClientSampleId :
PB113177BS

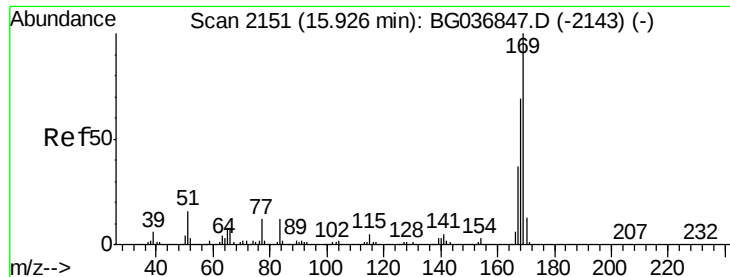
Tot Ion:188 Resp: 303377
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 9.9 8.1 12.1



#64
4,6-Dinitro-2-methylphenol
Concen: 47.188 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

Tgt Ion:198 Resp: 74845
Ion Ratio Lower Upper
198 100
51 48.0 26.5 66.5
105 40.5 20.2 60.2





#65

n-Nitrosodiphenylamine

Concen: 41.012 ng

RT: 15.92 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Instrument :

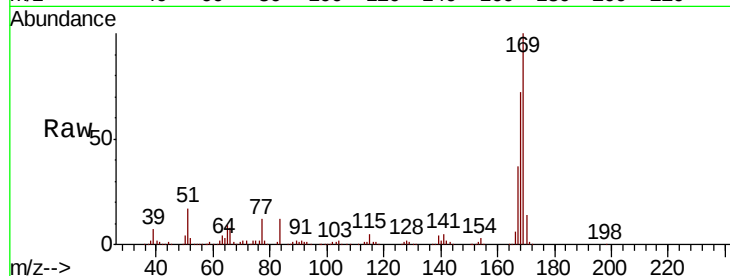
BNA_G

ClientSampleId :

PB113177BS

Tot Ion:169 Resp: 343488

Ion	Ratio	Lower	Upper
169	100		
168	72.2	57.6	86.4
167	37.2	31.0	46.4

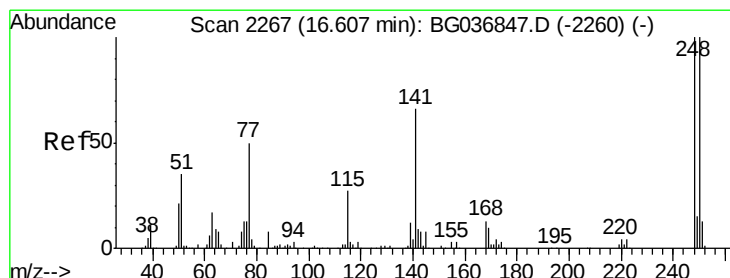
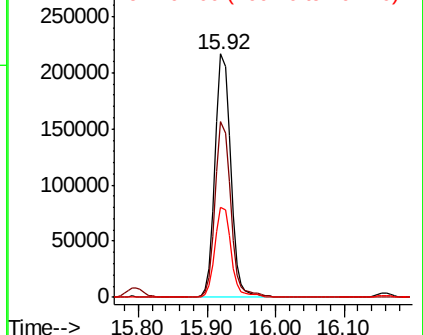
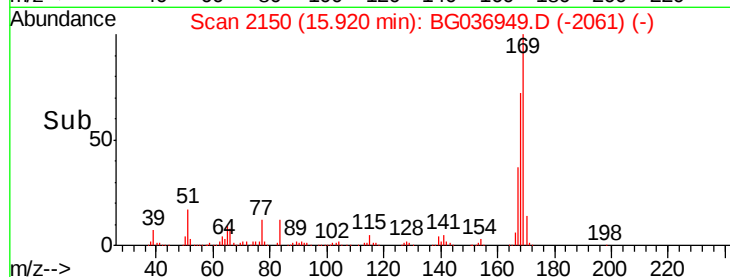


Abundance

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: 39.888 ng

RT: 16.60 min Scan# 2266

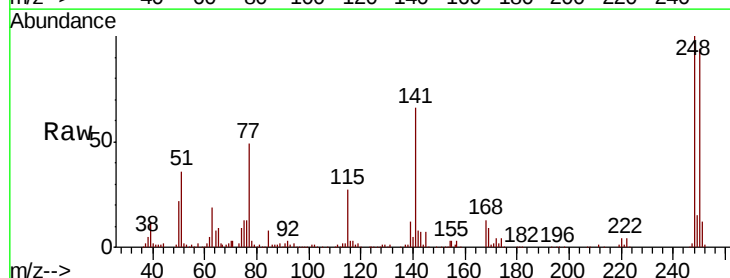
Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Tgt Ion:248 Resp: 137644

Ion	Ratio	Lower	Upper
248	100		
250	94.4	78.1	117.1
141	66.0	53.7	80.5

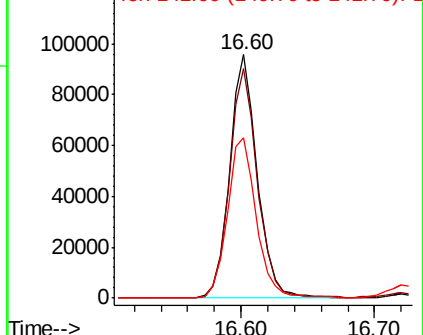
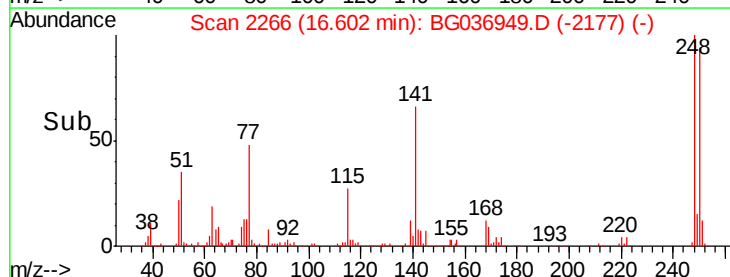


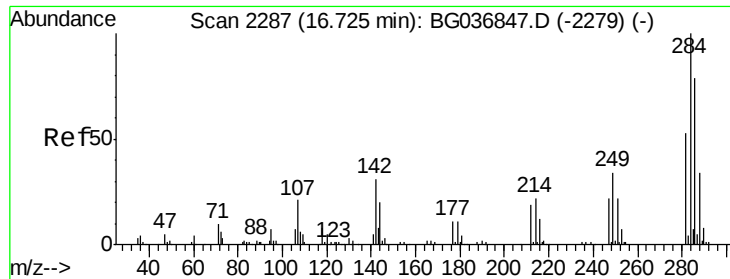
Abundance

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

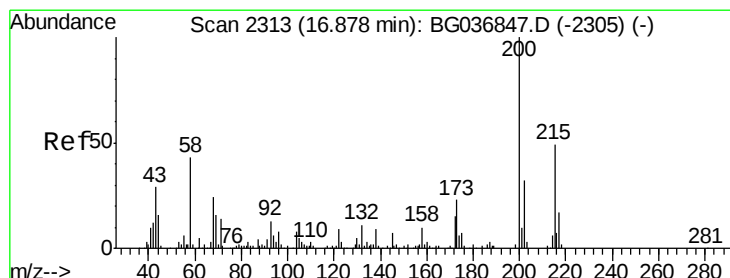
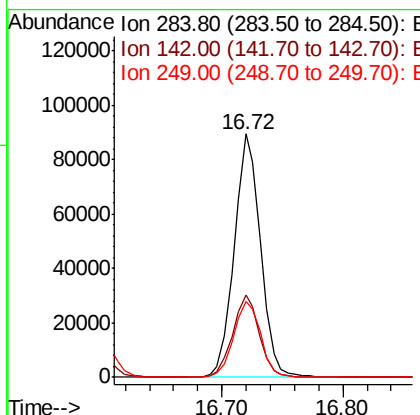
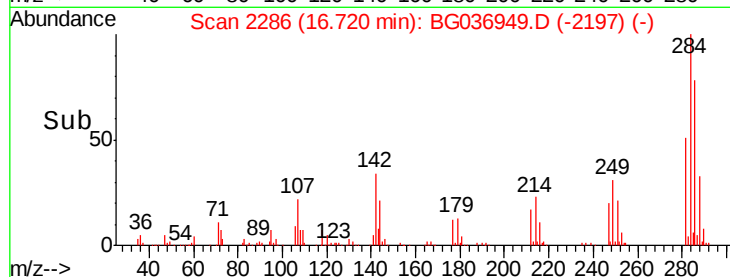
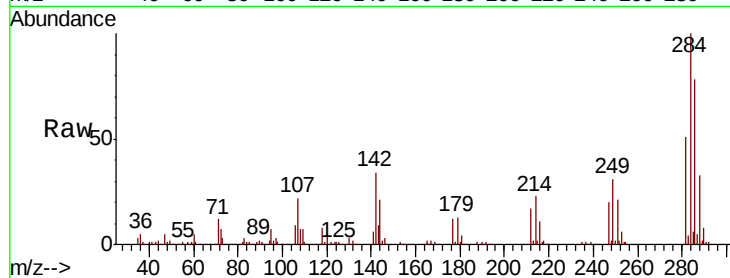




#67
Hexachlorobenzene
Concen: 38.173 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

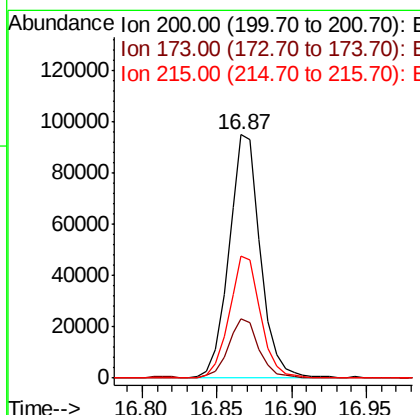
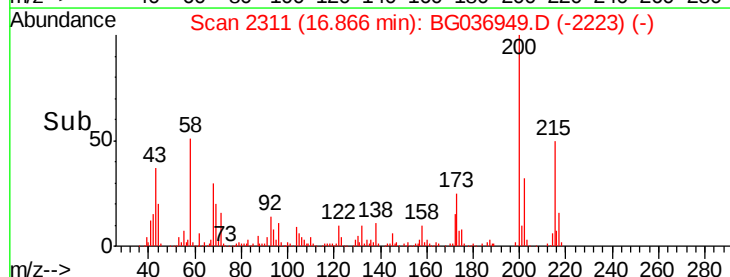
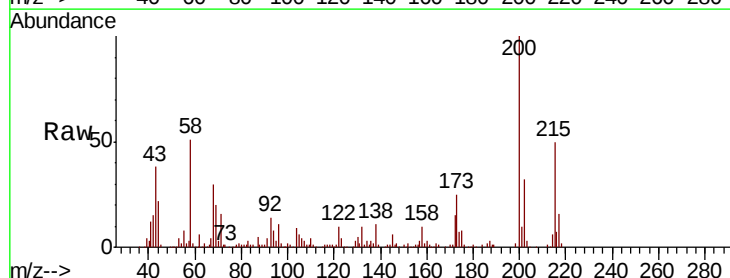
Instrument :
BNA_G
ClientSampleId :
PB113177BS

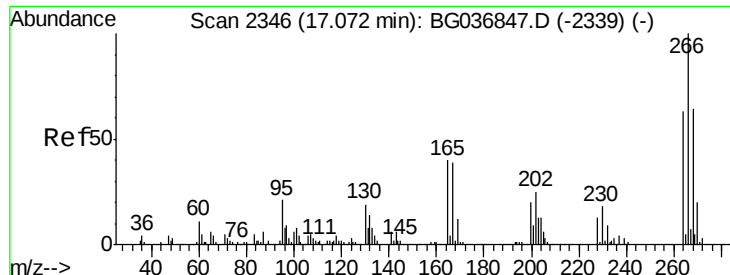
Tot Ion:284 Resp: 135669
Ion Ratio Lower Upper
284 100
142 33.7 27.8 41.6
249 31.4 27.4 41.2



#68
Atrazine
Concen: 41.078 ng
RT: 16.87 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

Tgt Ion:200 Resp: 139305
Ion Ratio Lower Upper
200 100
173 24.5 3.9 43.9
215 50.0 30.4 70.4





#69

Pentachlorophenol

Concen: 77.785 ng

RT: 17.07 min Scan# 2345

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Instrument :

BNA_G

ClientSampleId :

PB113177BS

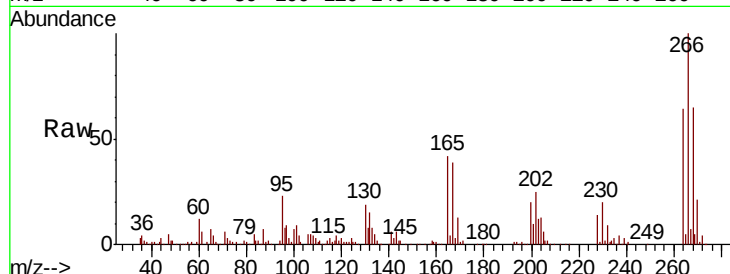
Tot Ion:266 Resp: 174053

Ion Ratio Lower Upper

266 100

268 64.6 51.4 77.2

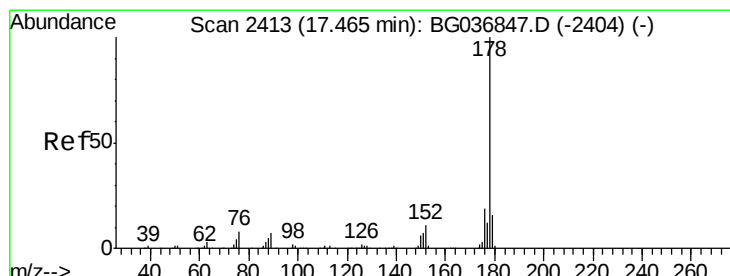
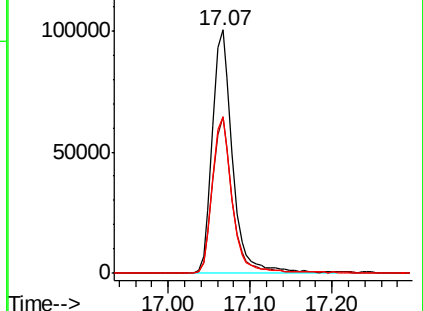
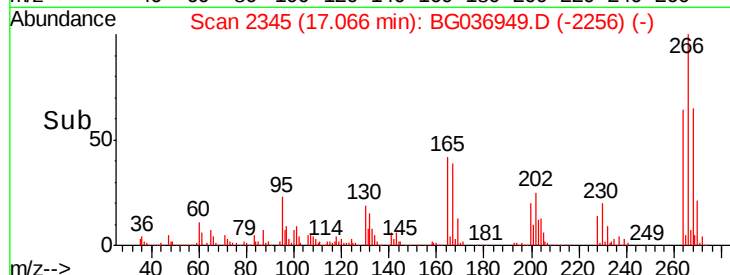
264 64.4 48.9 73.3



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: 42.770 ng

RT: 17.46 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

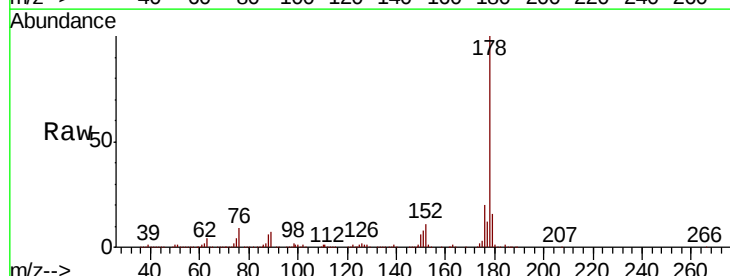
Tgt Ion:178 Resp: 625273

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

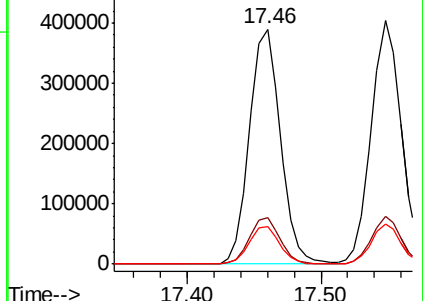
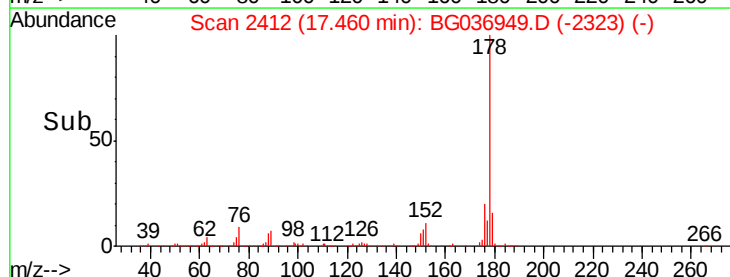
179 15.7 13.4 20.2

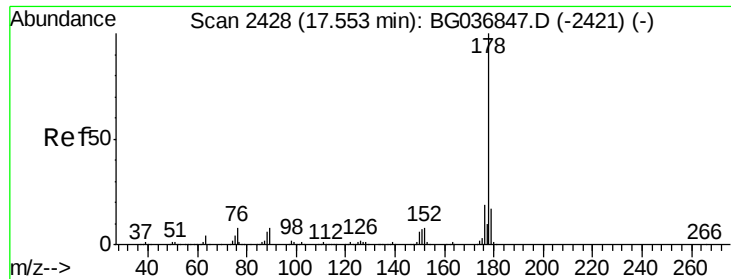


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

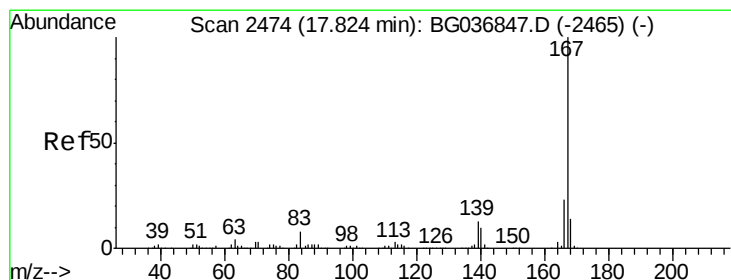
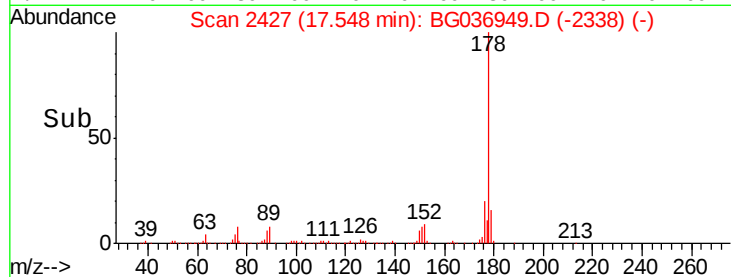
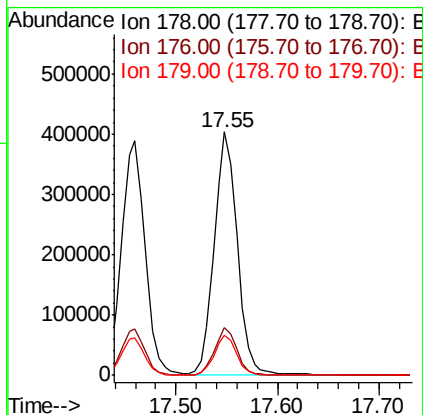
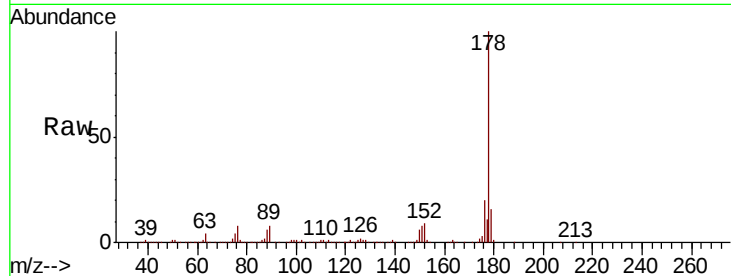




#71
 Anthracene
 Concen: 44.191 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

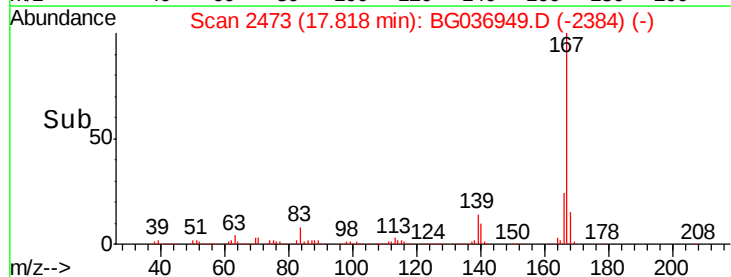
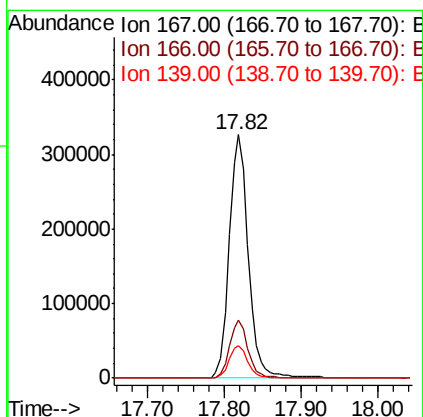
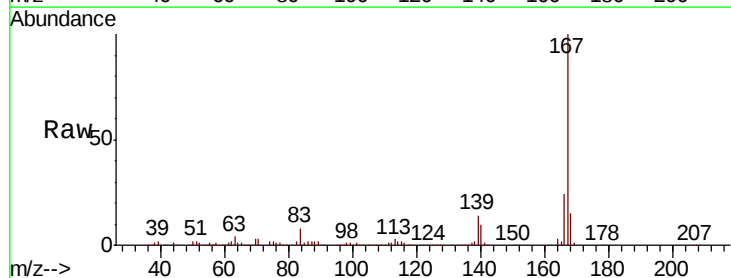
Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

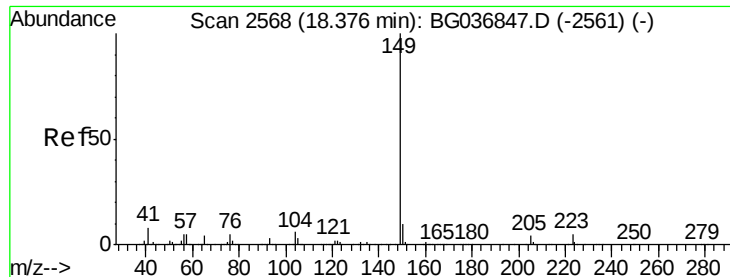
Tot Ion:178 Resp: 638825
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 16.4 13.0 19.4



#72
 Carbazole
 Concen: 40.225 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Tgt Ion:167 Resp: 566956
 Ion Ratio Lower Upper
 167 100
 166 23.9 19.5 29.3
 139 13.5 10.7 16.1

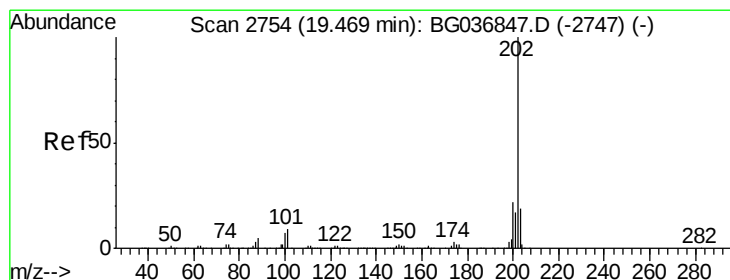
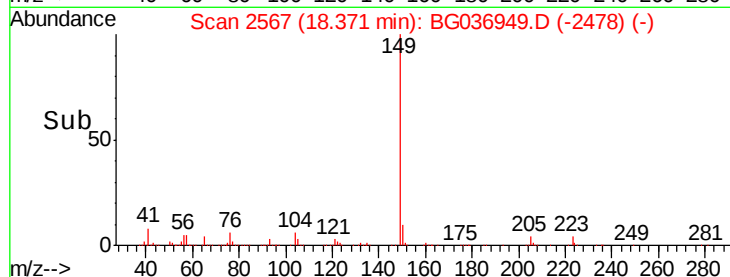
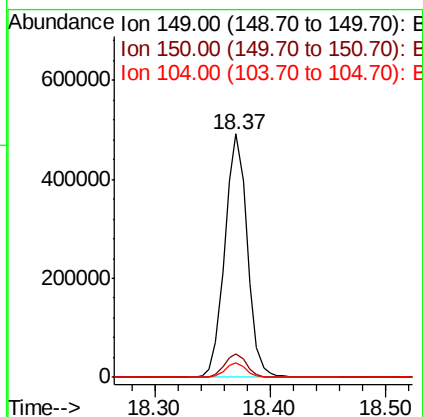
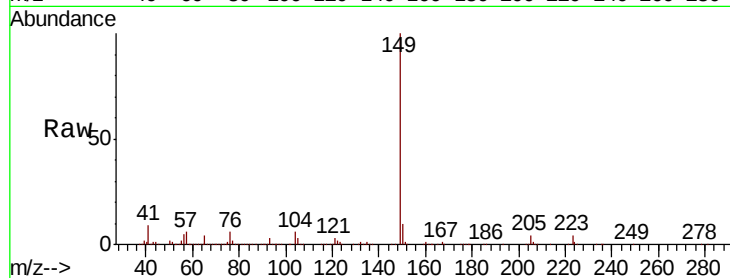




#73
Di-n-butylphthalate
Concen: 42.288 ng
RT: 18.37 min Scan# 2567
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

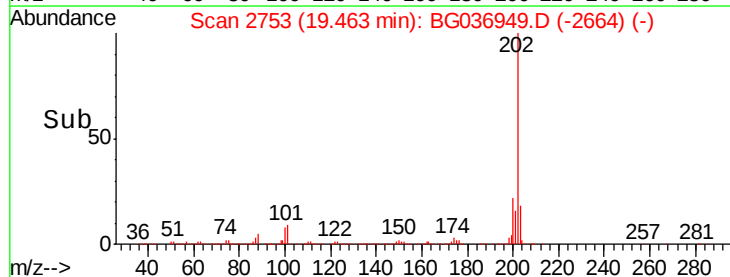
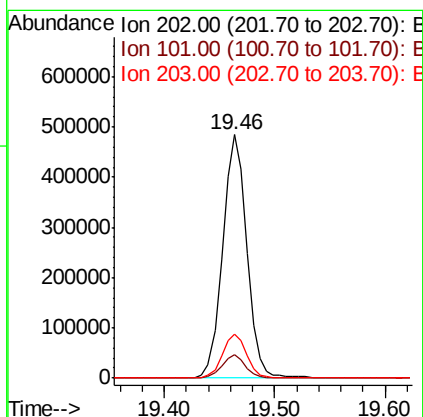
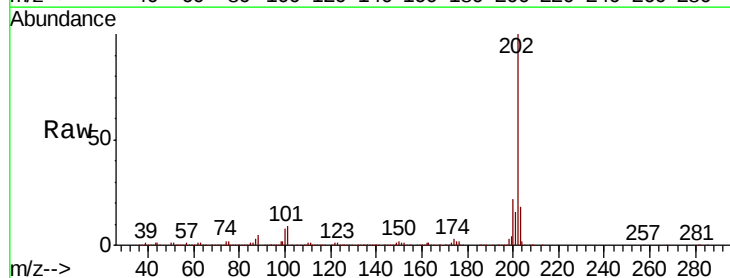
Instrument :
BNA_G
ClientSampleId :
PB113177BS

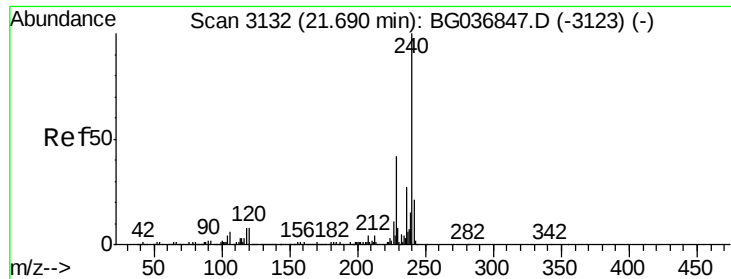
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	6.0	4.6	6.8



#74
Fluoranthene
Concen: 41.949 ng
RT: 19.46 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.4
203	18.3	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Instrument :

BNA_G

ClientSampleId :

PB113177BS

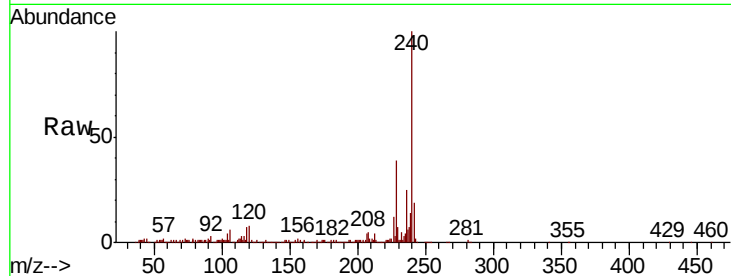
Tot Ion:240 Resp: 290233

Ion Ratio Lower Upper

240 100

120 7.7 6.9 10.3

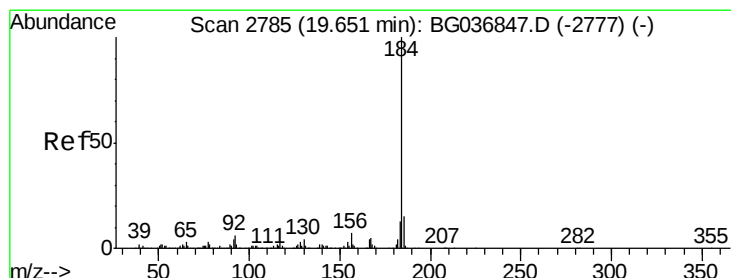
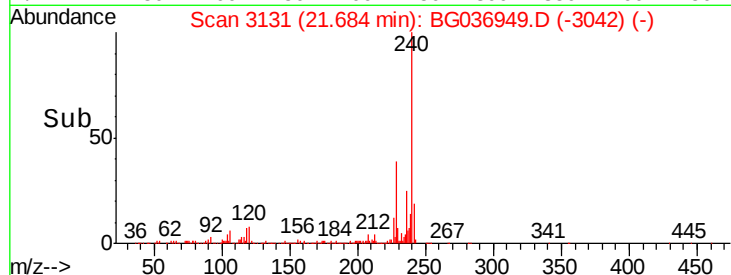
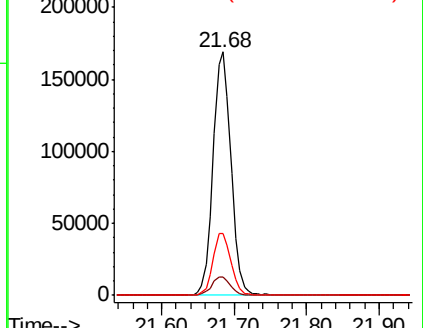
236 25.5 21.2 31.8



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: 43.231 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

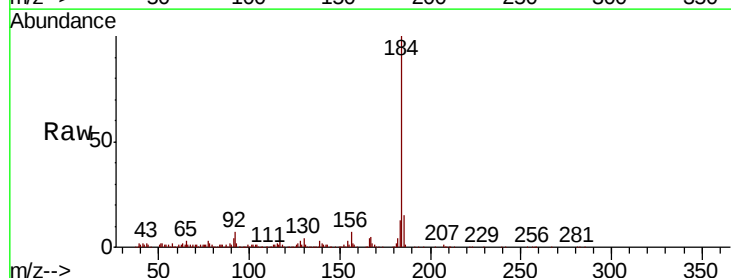
Tgt Ion:184 Resp: 379295

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

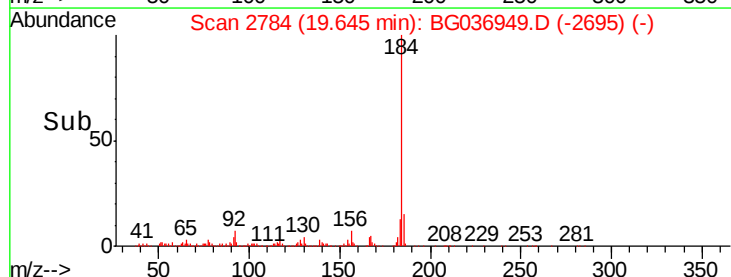
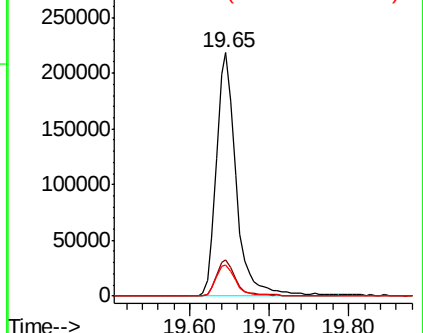
183 13.0 10.9 16.3

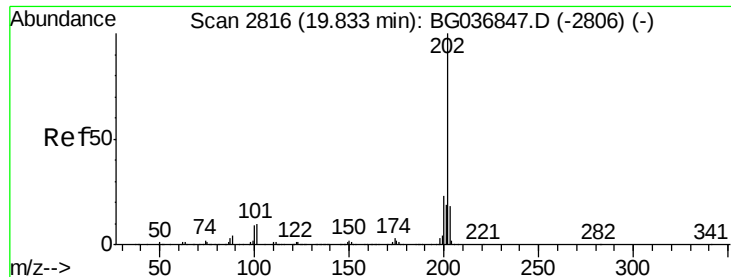


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.412 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

Instrument :

BNA_G

ClientSampleId :

PB113177BS

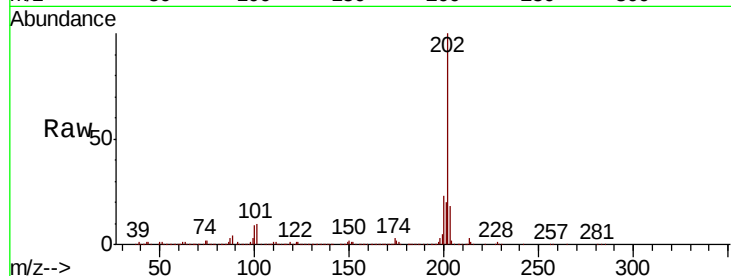
Tot Ion:202 Resp: 721252

Ion Ratio Lower Upper

202 100

200 23.1 18.3 27.5

203 18.4 15.1 22.7

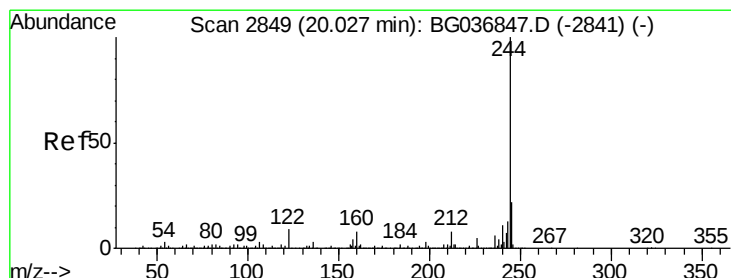
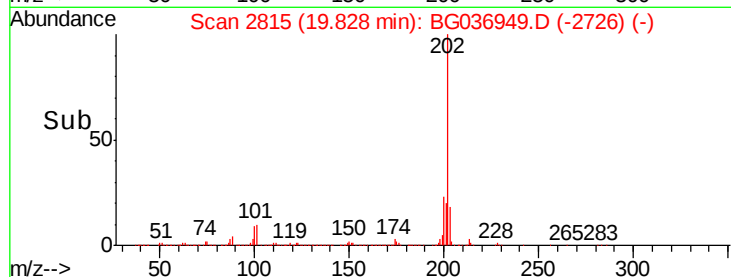
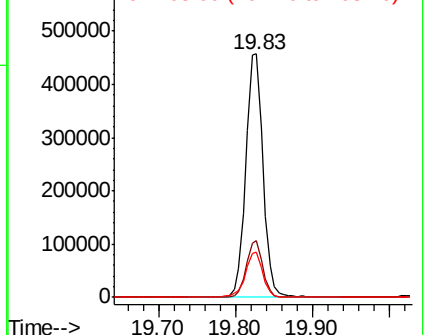


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.886 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

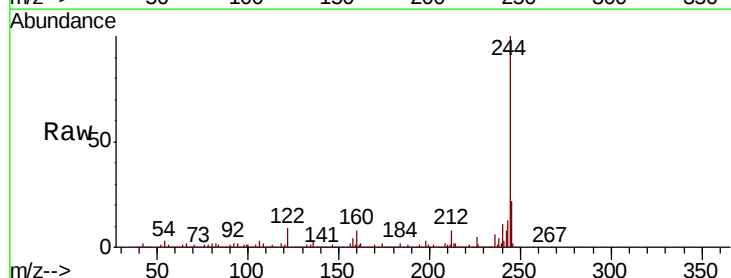
Tgt Ion:244 Resp: 914869

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

122 8.7 7.1 10.7

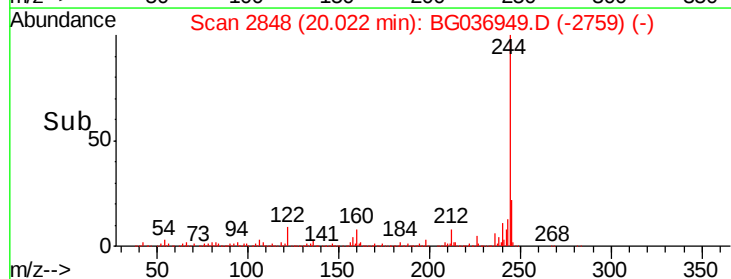
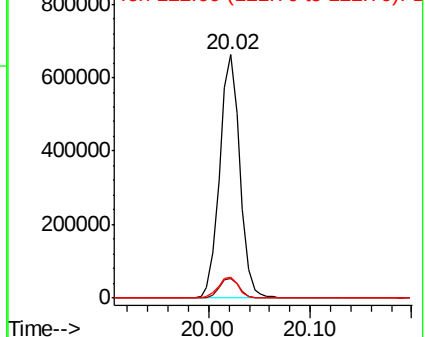


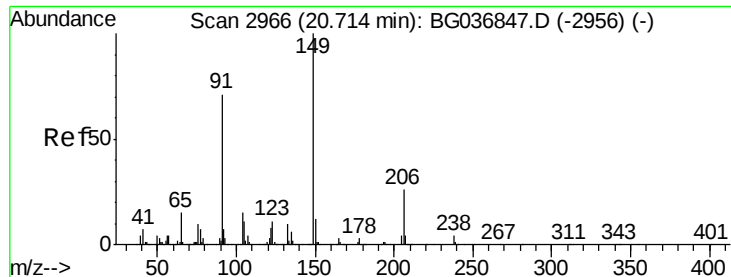
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

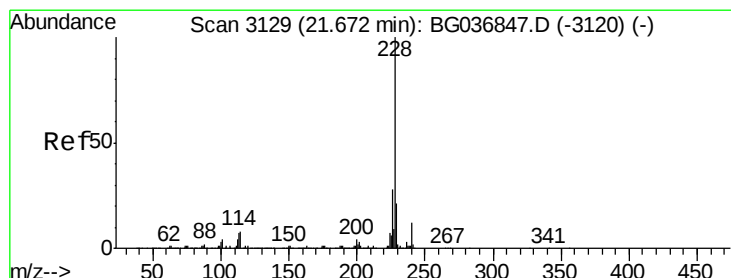
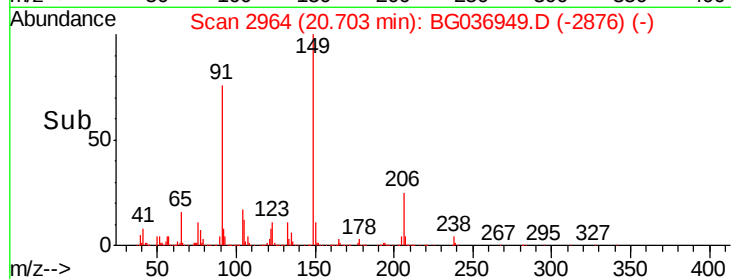
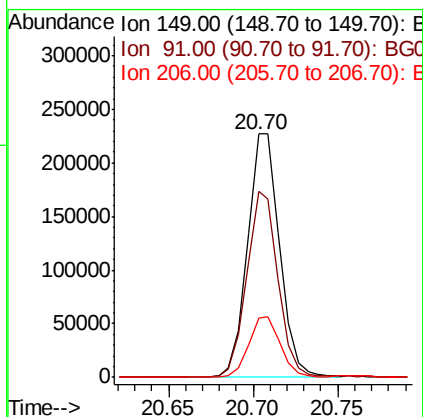
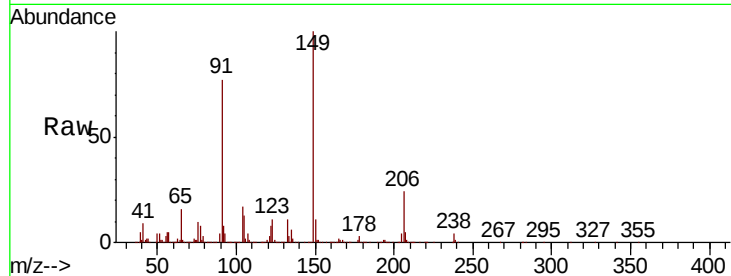




#79
Butylbenzylphthalate
Concen: 43.065 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

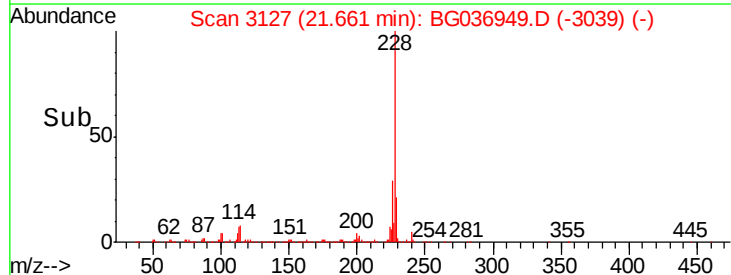
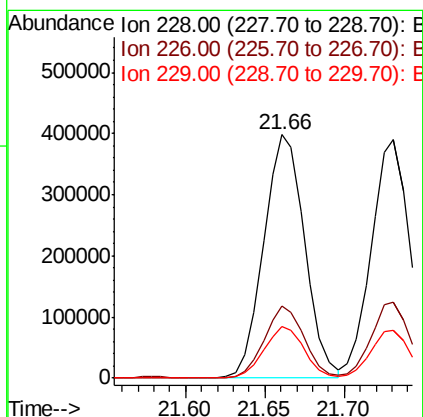
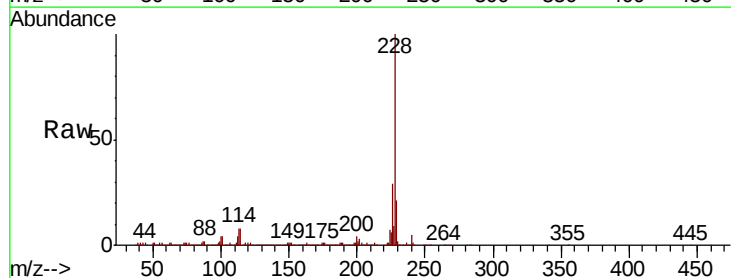
Instrument :
BNA_G
ClientSampleId :
PB113177BS

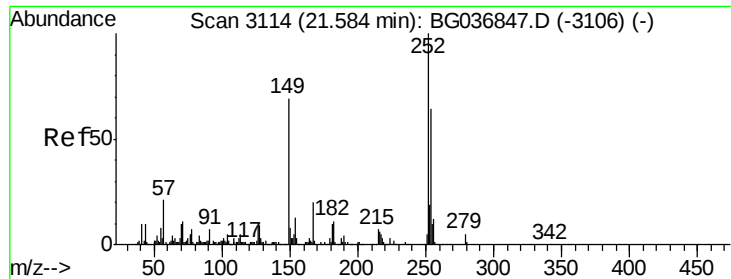
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.6	62.0	93.0
206	24.5	19.6	29.4



#80
Benzo(a)anthracene
Concen: 42.058 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	21.0	17.1	25.7

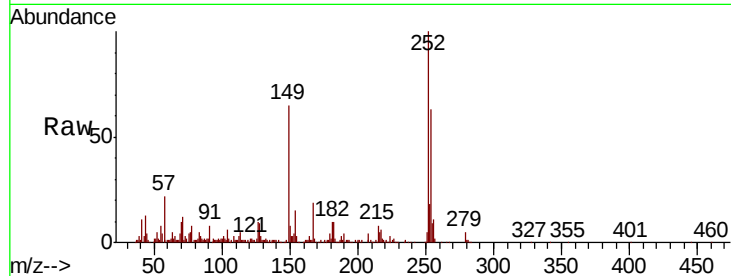




#81
 3,3'-Dichlorobenzidine
 Concen: 28.930 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.0	76.4
126	9.6	7.4	11.0

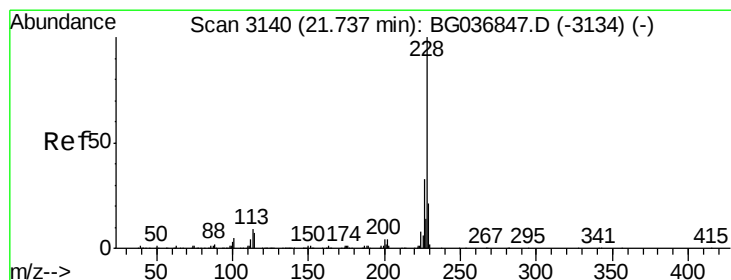
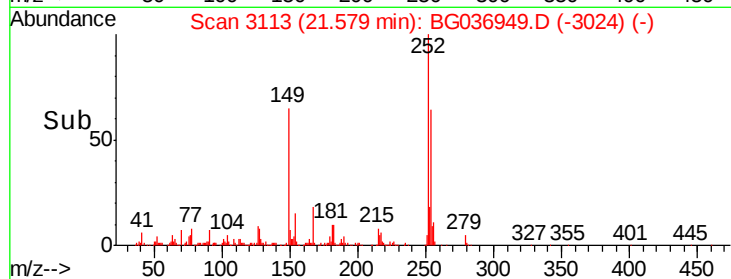
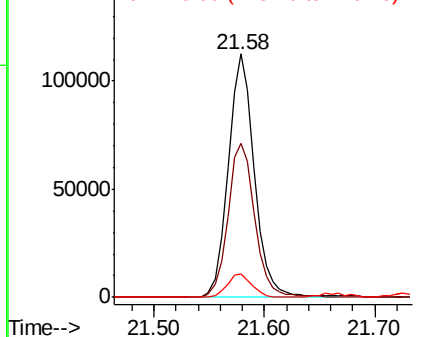


Abundance

Ion 252.00 (251.70 to 252.70): E

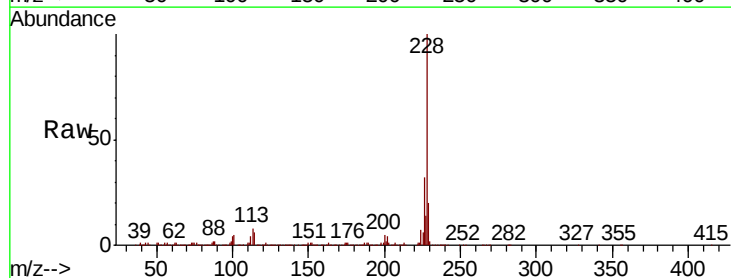
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 40.577 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.5	38.3
229	20.2	16.9	25.3

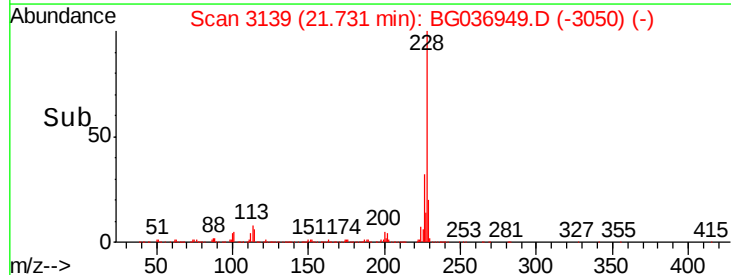
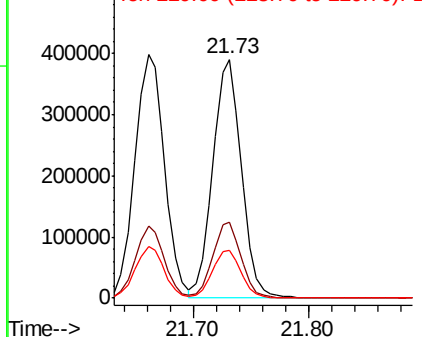


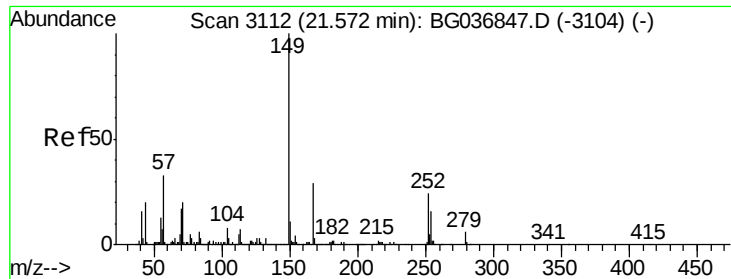
Abundance

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

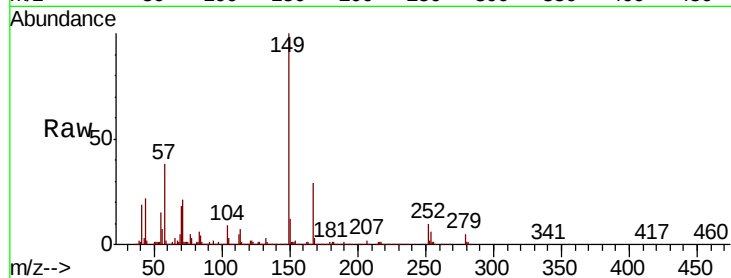




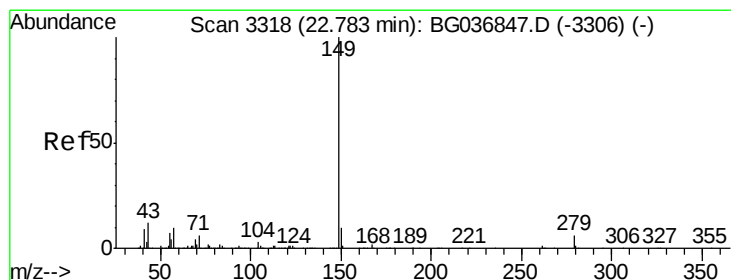
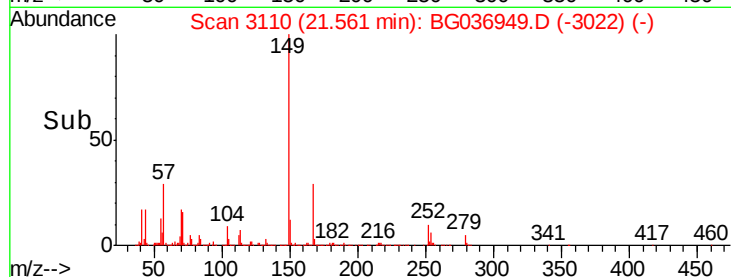
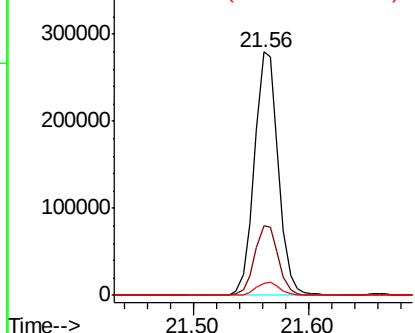
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.426 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

Tot Ion	149	Resp	401745
Ion Ratio	Lower	Upper	
149	100		
167	28.6	23.4	35.0
279	5.1	4.6	7.0

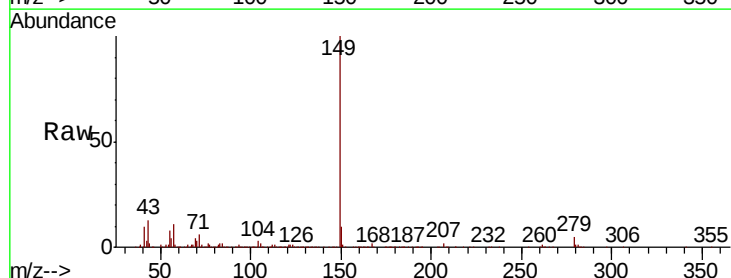


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

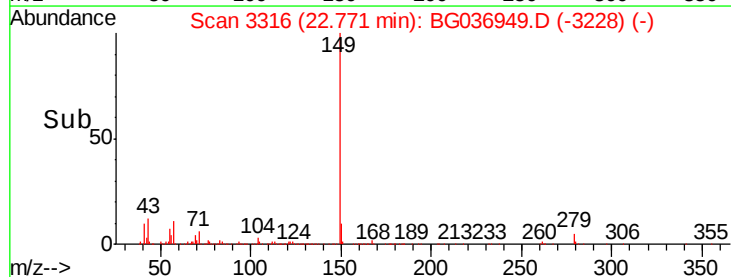
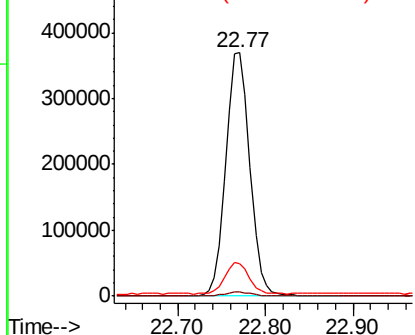


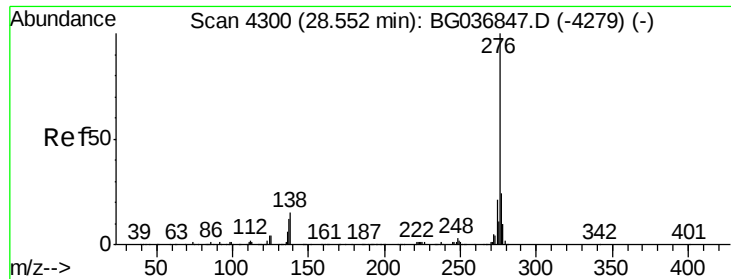
#84
 Di-n-octyl phthalate
 Concen: 43.562 ng
 RT: 22.77 min Scan# 3316
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Tgt Ion	149	Resp	695561
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	12.7	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGC

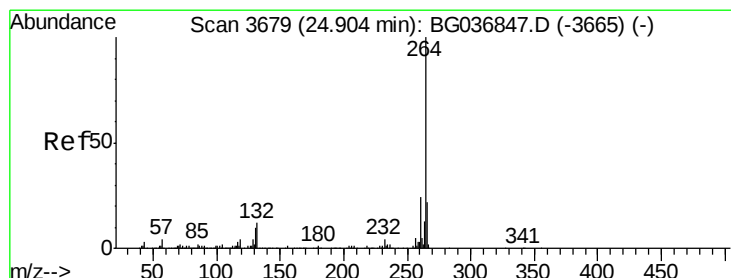
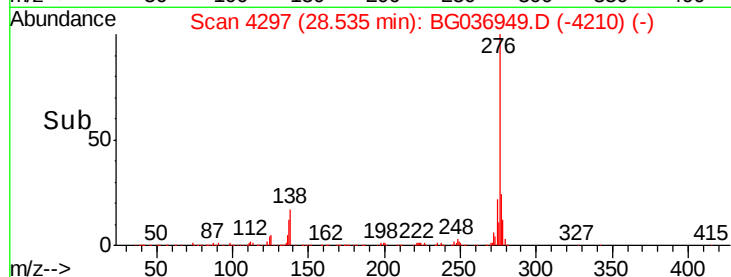
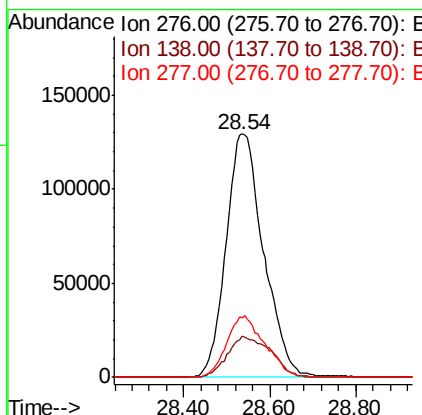
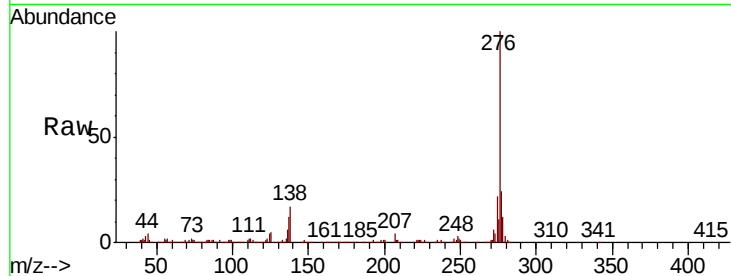




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.779 ng
RT: 28.54 min Scan# 4297
Delta R.T. -0.02 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

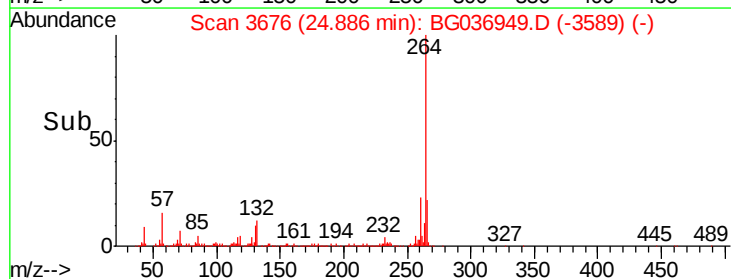
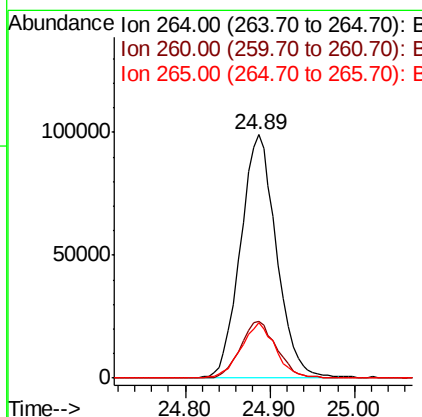
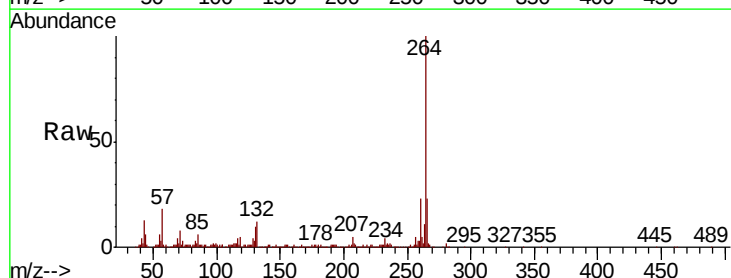
Instrument :
BNA_G
ClientSampleId :
PB113177BS

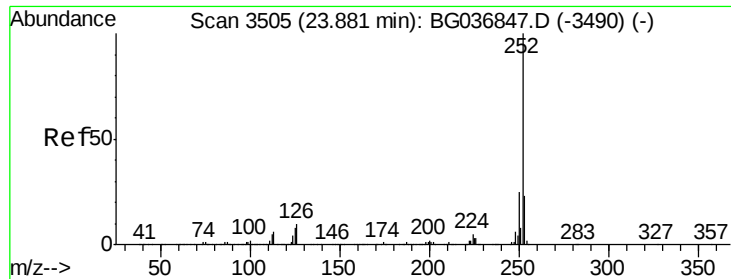
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	10.6	15.8#
277	25.8	20.6	30.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	22.6	17.4	26.0

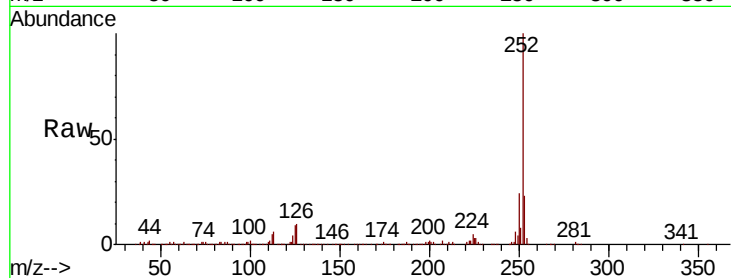




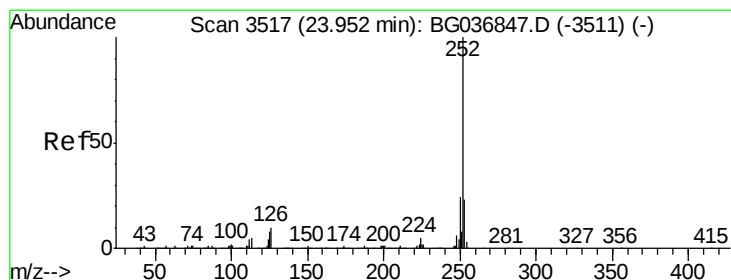
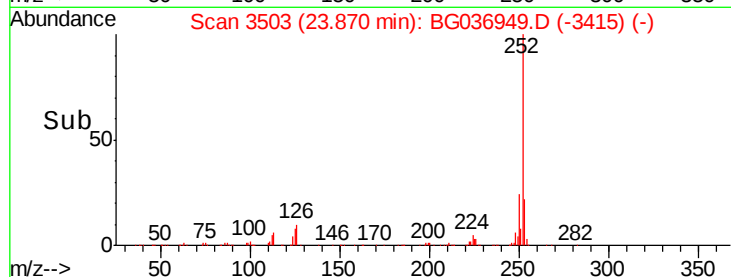
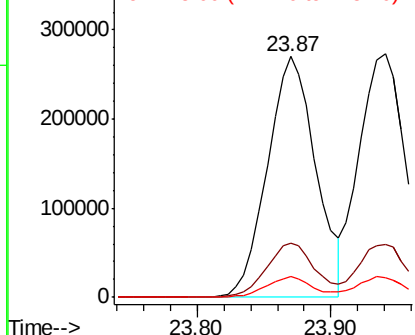
#87
Benzo(b)fluoranthene
Concen: 43.667 ng
RT: 23.87 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

Instrument :
BNA_G
ClientSampleId :
PB113177BS

Tot Ion:252 Resp: 680894
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 8.5 6.6 10.0

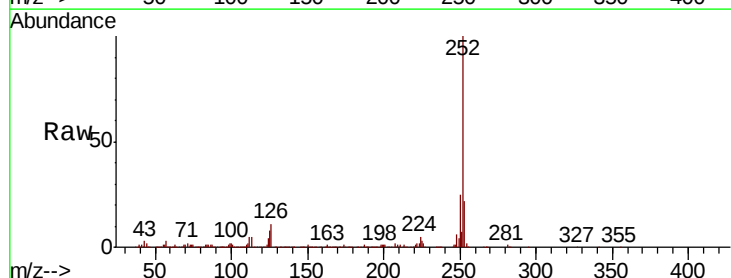


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

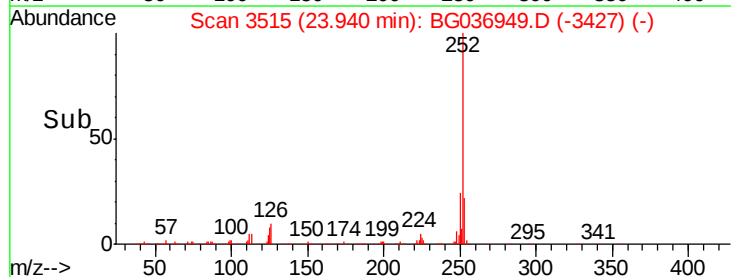
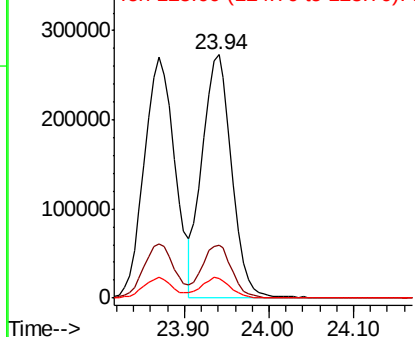


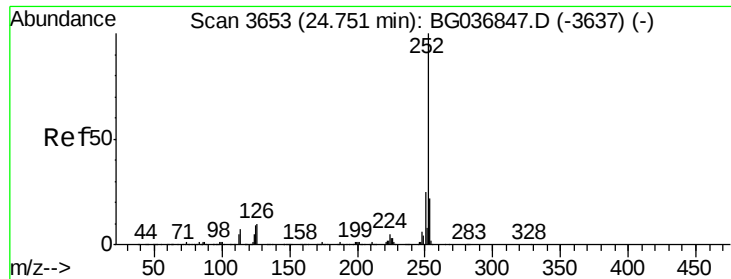
#88
Benzo(k)fluoranthene
Concen: 42.463 ng
RT: 23.94 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

Tgt Ion:252 Resp: 664276
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 8.0 7.0 10.6



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

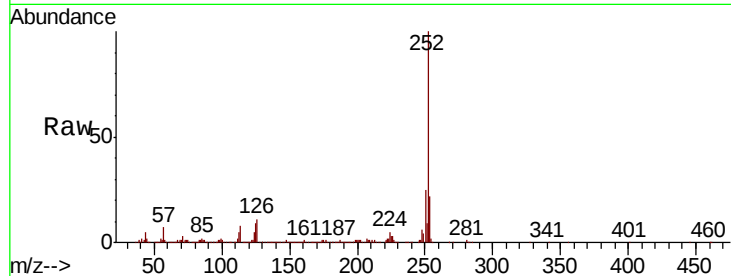




#89
Benzo(a)pyrene
Concen: 43.403 ng
RT: 24.74 min Scan# 3651
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

Instrument :
BNA_G
ClientSampleId :
PB113177BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	8.6	7.3	10.9

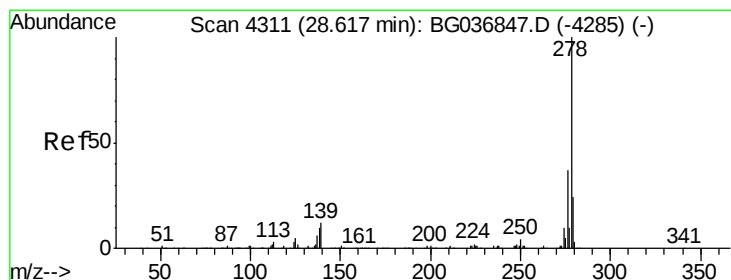
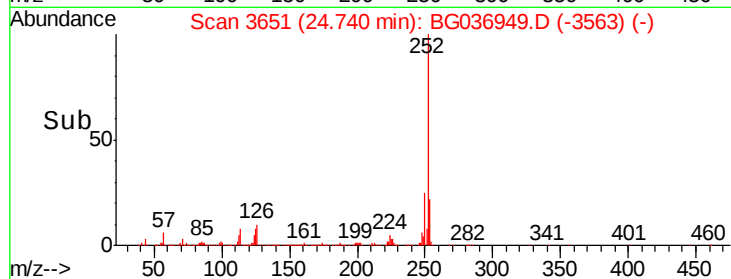
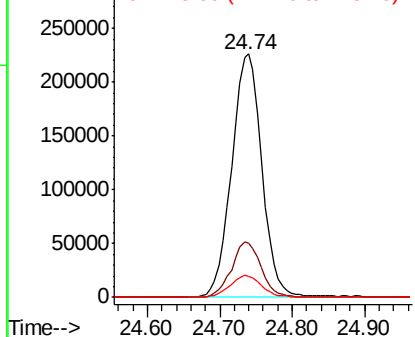


Abundance

Ion 252.00 (251.70 to 252.70): E

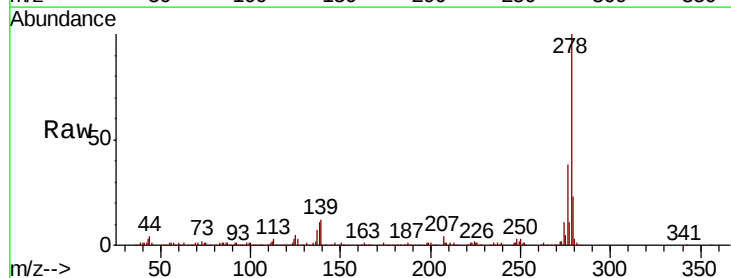
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 45.732 ng
RT: 28.59 min Scan# 4307
Delta R.T. -0.02 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.4	11.0	16.4
279	23.2	18.7	28.1

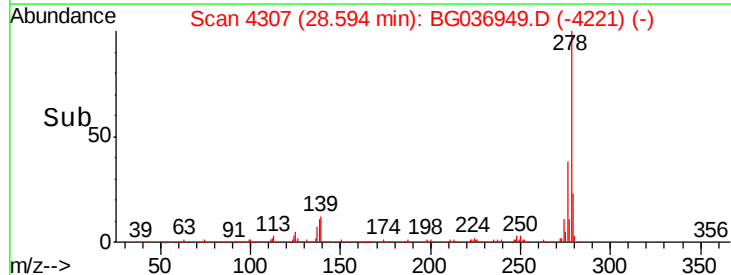
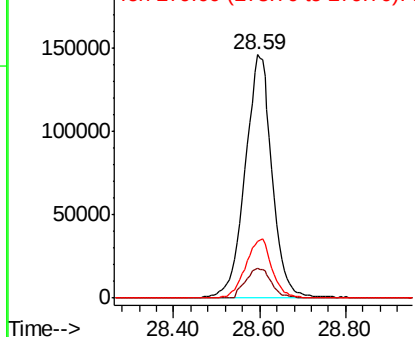


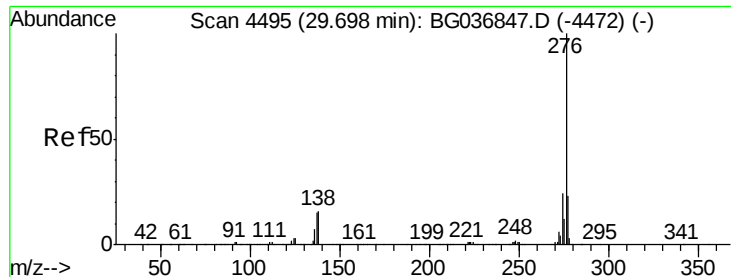
Abundance

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: 46.040 ng
 RT: 29.67 min Scan# 4491
 Delta R.T. -0.02 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	16.3	14.6	22.0

