

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

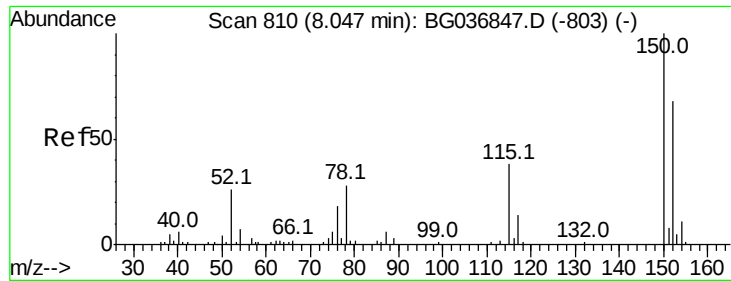
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036949.D
 Acq On : 25 Sep 2018 15:05
 Operator : JU/SJ
 Sample : PB113177BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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	nq	95
43) 2,4,5-Trichlorophenol	13.18	196	121988	49.315	nq	99
45) 1,1'-Biphenyl	13.51	154	370659	40.407	nq	97
46) 2-Chloronaphthalene	13.55	162	282201	39.119	nq	98
47) 2-Nitroaniline	13.75	65	112811	45.212	nq	96
48) Acenaphthylene	14.39	152	488090	43.178	nq	99
49) Dimethylphthalate	14.12	163	397330	41.212	nq	98
50) 2,6-Dinitrotoluene	14.24	165	88469	42.057	nq	97
51) Acenaphthene	14.73	154	280959	41.124	nq	99
52) 3-Nitroaniline	14.57	138	69671	31.431	nq	99
53) 2,4-Dinitrophenol	14.78	184	99593	99.015	nq	94
54) Dibenzofuran	15.07	168	464241	40.173	nq	98
55) 4-Nitrophenol	14.89	139	144182	101.820	nq	93
56) 2,4-Dinitrotoluene	15.03	165	125635	42.802	nq	# 94
57) Fluorene	15.71	166	376703	43.613	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	120498	48.019	nq	97
59) Diethylphthalate	15.49	149	398813	41.013	nq	99
60) 4-Chlorophenyl-phenylether	15.71	204	209892	38.371	nq	99
61) 4-Nitroaniline	15.74	138	97071	41.633	nq	95
62) Azobenzene	16.00	77	392382	41.995	nq	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	74845	47.188	nq	99
65) n-Nitrosodiphenylamine	15.92	169	343488	41.012	nq	99
66) 4-Bromophenyl-phenylether	16.60	248	137644	39.888	nq	98
67) Hexachlorobenzene	16.72	284	135669	38.173	nq	97
68) Atrazine	16.87	200	139305	41.078	nq	99
69) Pentachlorophenol	17.07	266	174053	77.785	nq	98
70) Phenanthrene	17.46	178	625273	42.770	nq	98
71) Anthracene	17.55	178	638825	44.191	nq	99
72) Carbazole	17.82	167	566956	40.225	nq	99
73) Di-n-butylphthalate	18.37	149	661924	42.288	nq	99
74) Fluoranthene	19.46	202	738217	41.949	nq	99
76) Benzidine	19.65	184	379295	43.231	nq	98
77) Pyrene	19.83	202	721252	41.412	nq	99
79) Butylbenzylphthalate	20.70	149	298961	43.065	nq	99
80) Benzo(a)anthracene	21.66	228	712563	42.058	nq	99
81) 3,3'-Dichlorobenzidine	21.58	252	186568	28.930	nq	100
82) Chrysene	21.73	228	664227	40.577	nq	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	401745	41.426	nq	99
84) Di-n-octyl phthalate	22.77	149	695561	43.562	nq	100
85) Indeno(1,2,3-cd)pyrene	28.54	276	787137	44.779	nq	# 94
87) Benzo(b)fluoranthene	23.87	252	680894	43.667	nq	98
88) Benzo(k)fluoranthene	23.94	252	664276	42.463	nq	98
89) Benzo(a)pyrene	24.74	252	654287	43.403	nq	99
90) Dibenzo(a,h)anthracene	28.59	278	646112	45.732	nq	99
91) Benzo(g,h,i)perylene	29.67	276	652810	46.040	nq	97

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

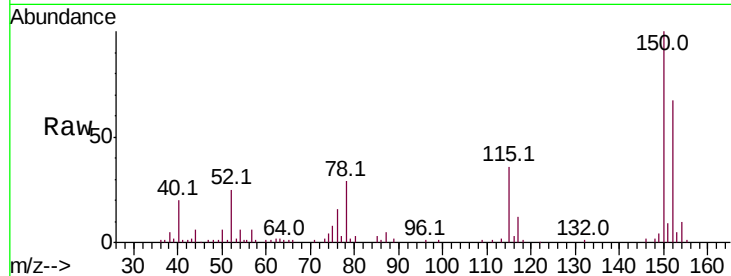


#1

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	Ratio	Lower	Upper
152	100		
150	149.0	119.5	179.3
115	53.9	44.5	66.7

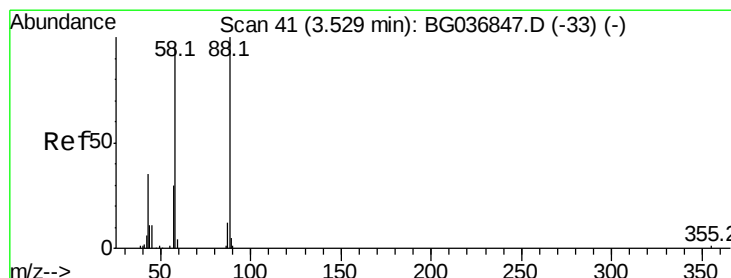
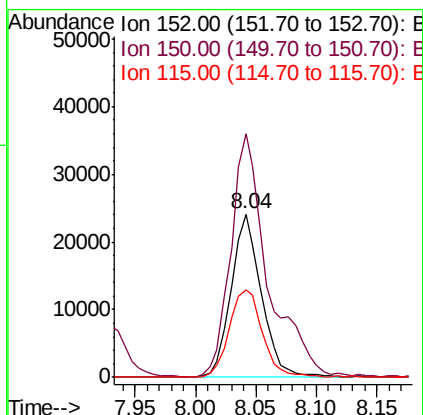
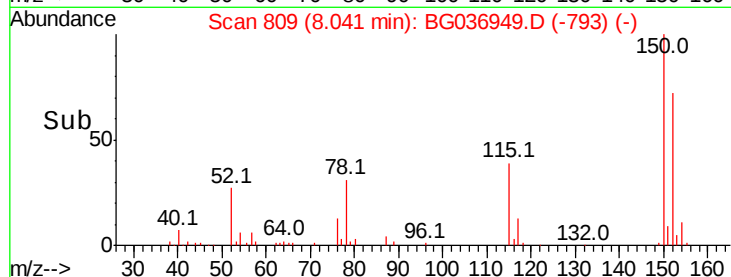


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

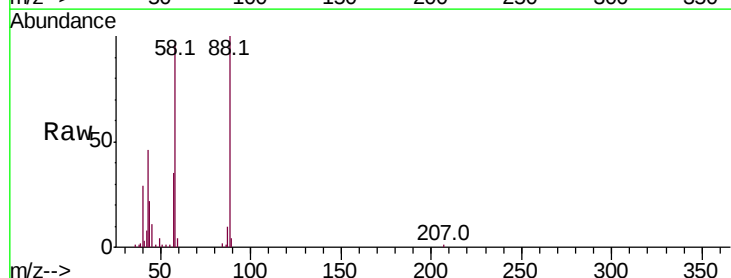
Ion 115.00 (114.70 to 115.70): E



#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	Ratio	Lower	Upper
88	100		
58	92.7	72.6	109.0
43	35.2	29.0	43.4

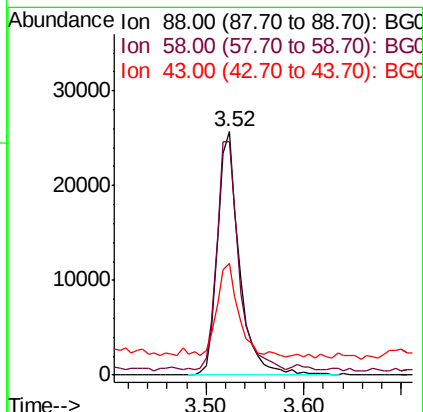
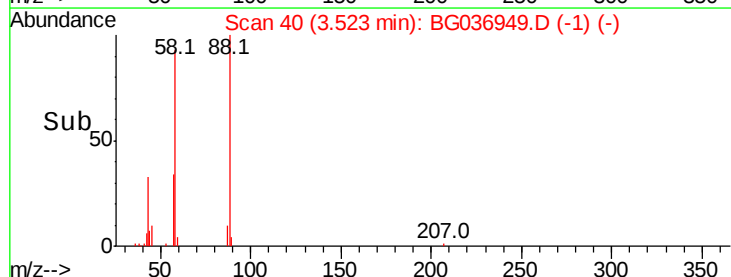


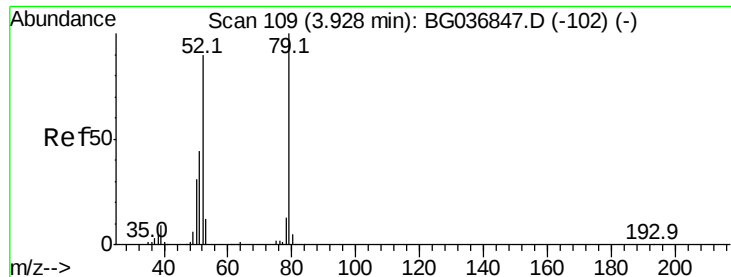
Abundance

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

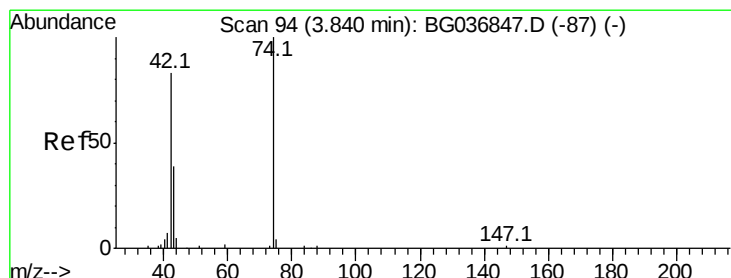
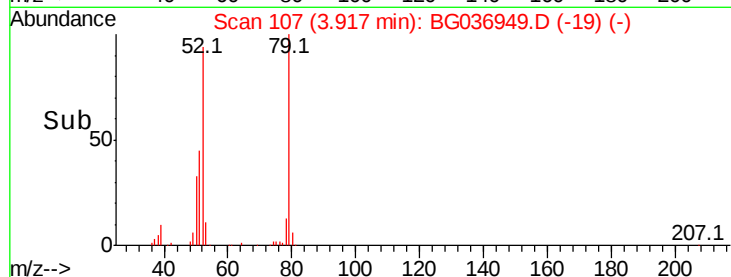
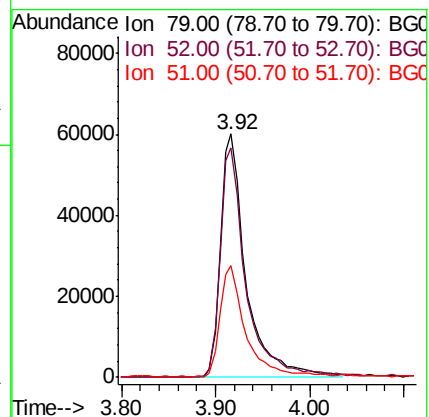
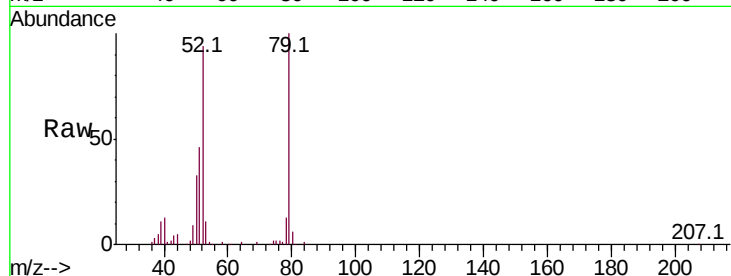
Tot Ion: 79 Resp: 114199

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

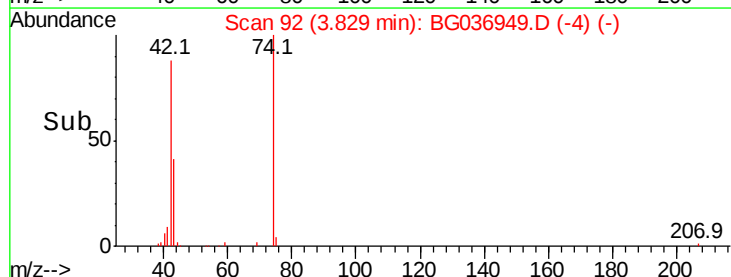
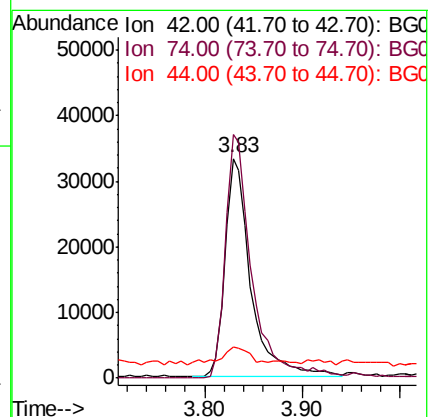
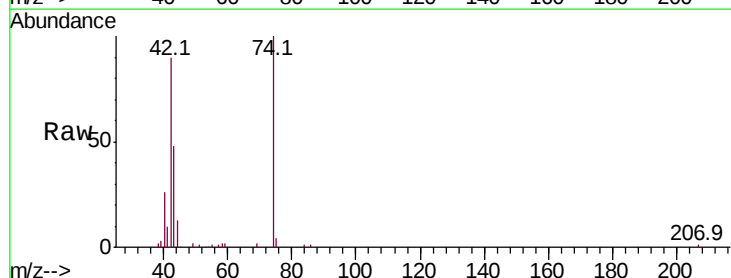
Tgt Ion: 42 Resp: 61080

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

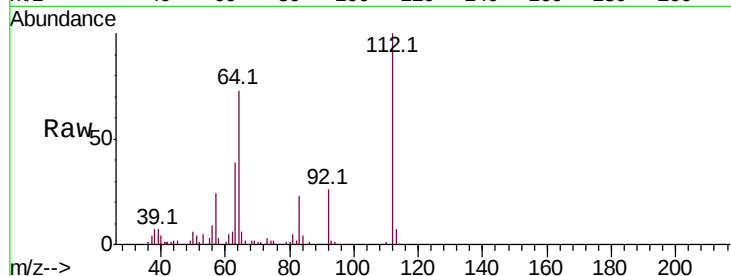
Tot Ion:112 Resp: 290012

Ion Ratio Lower Upper

112 100

64 72.9 57.2 85.8

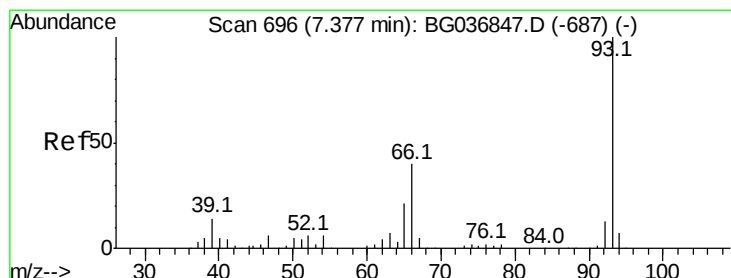
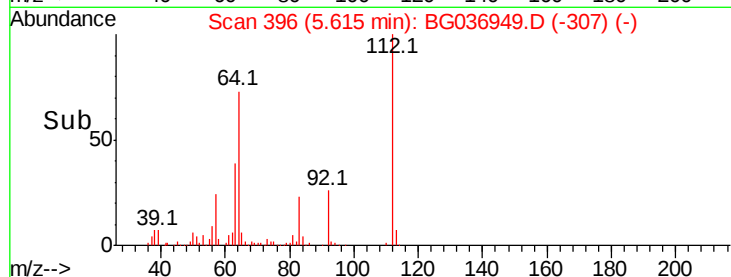
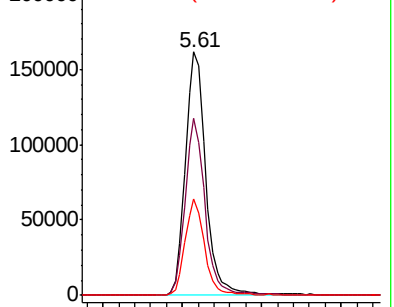
63 39.5 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E

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

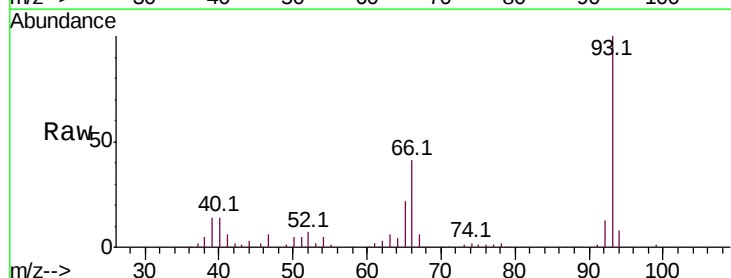
Tgt Ion: 93 Resp: 147339

Ion Ratio Lower Upper

93 100

66 41.2 35.0 52.4

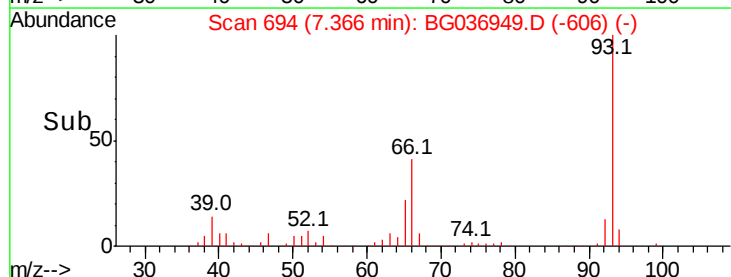
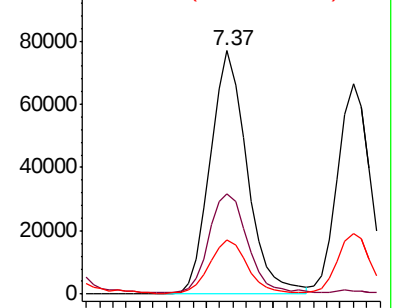
65 22.4 17.6 26.4

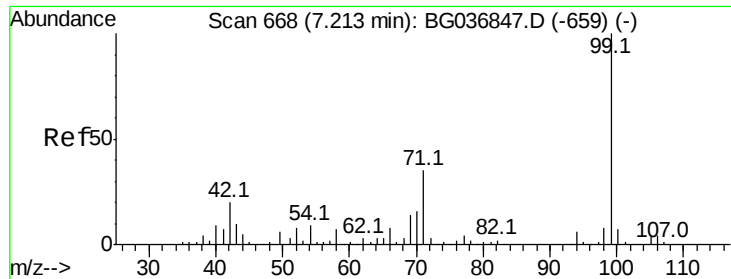


Abundance Ion 93.00 (92.70 to 93.70): BGC

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

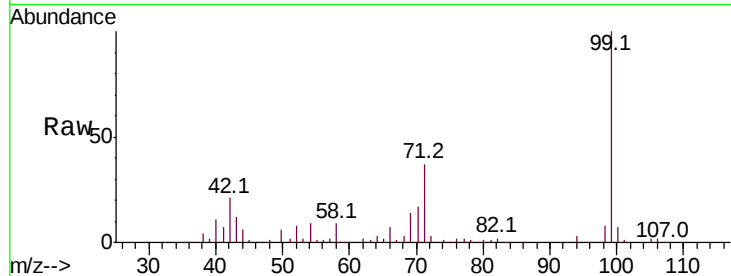
Tot Ion: 99 Resp: 399093

Ion Ratio Lower Upper

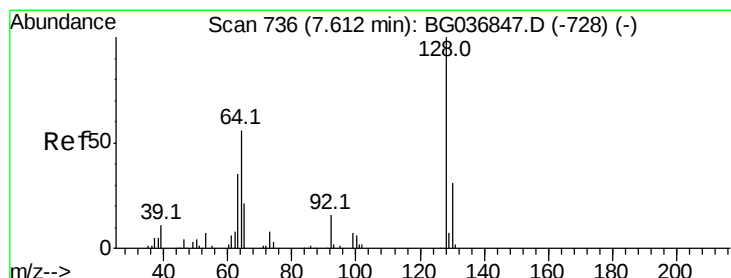
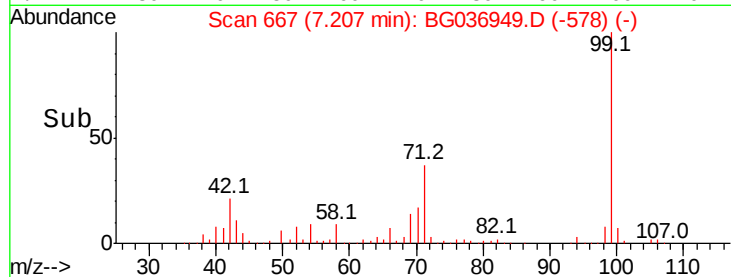
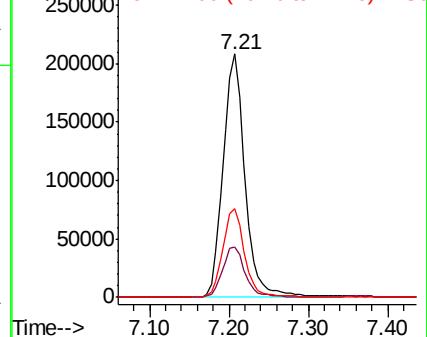
99 100

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

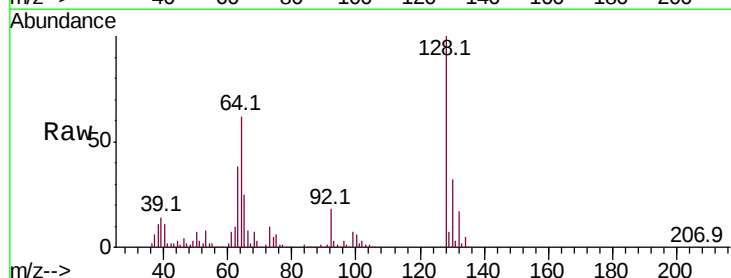
Tgt Ion: 128 Resp: 118659

Ion Ratio Lower Upper

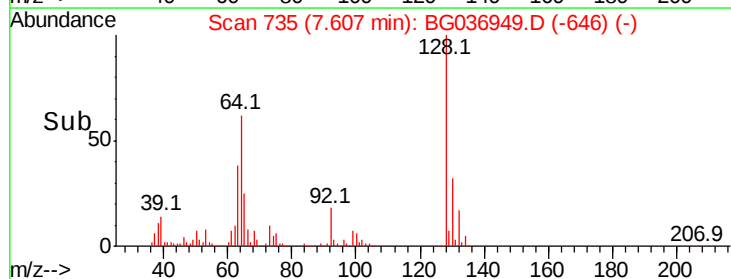
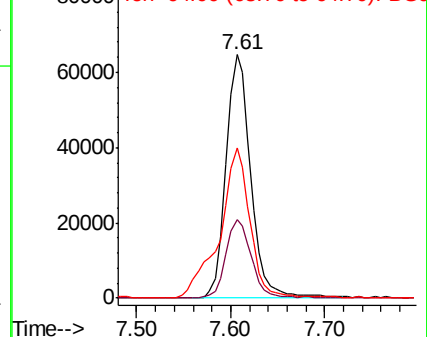
128 100

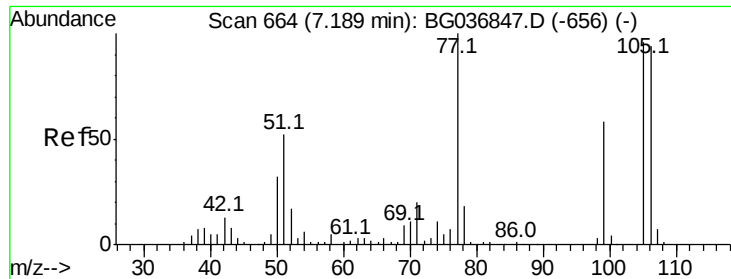
130 32.5 10.0 50.0

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

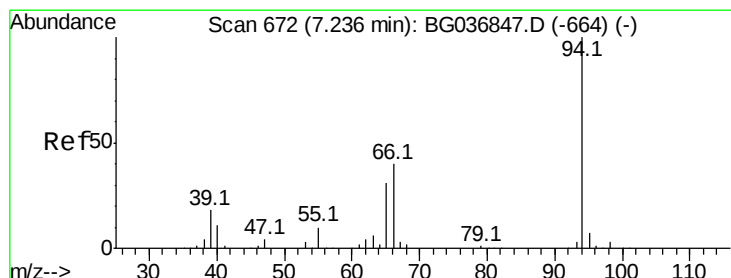
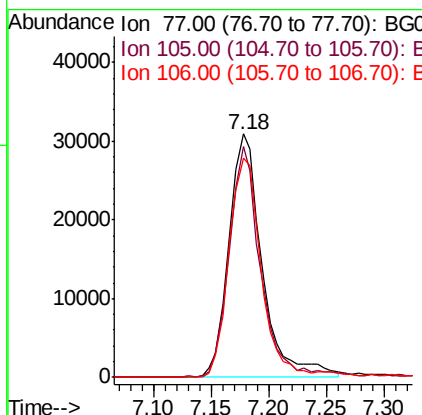
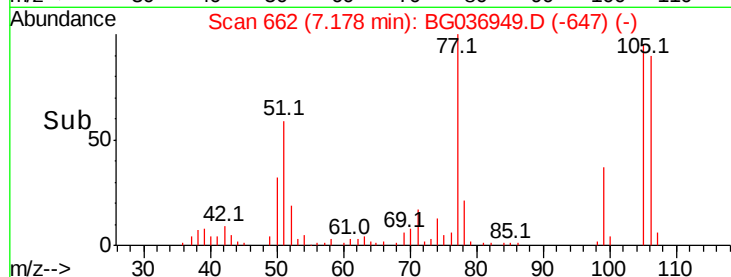
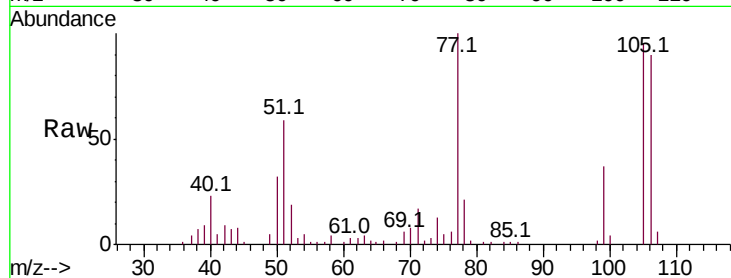




#9
Benzaldehyde
Concen: 27.486 ng
RT: 7.18 min Scan# 662
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

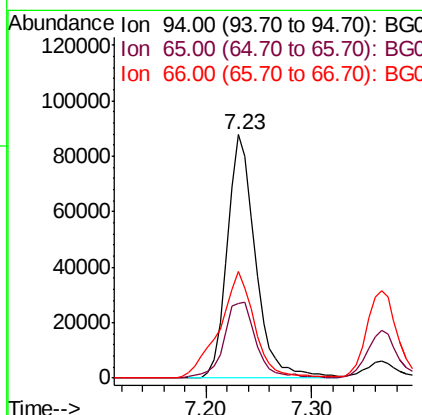
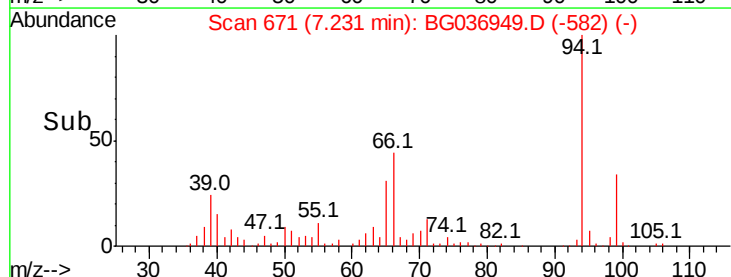
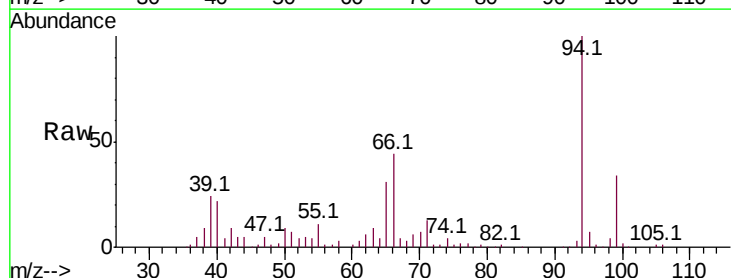
Instrument :
BNA_G
ClientSampleId :
PB113177BS

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



#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





#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

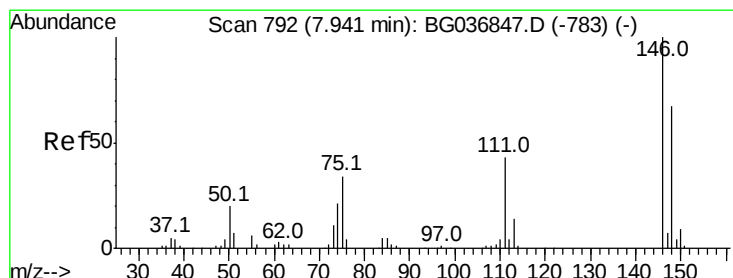
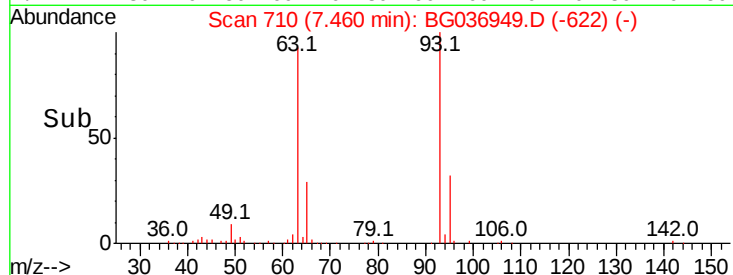
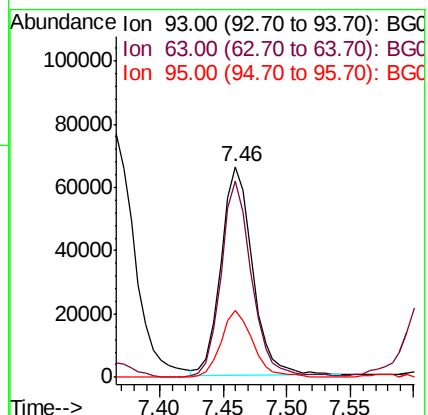
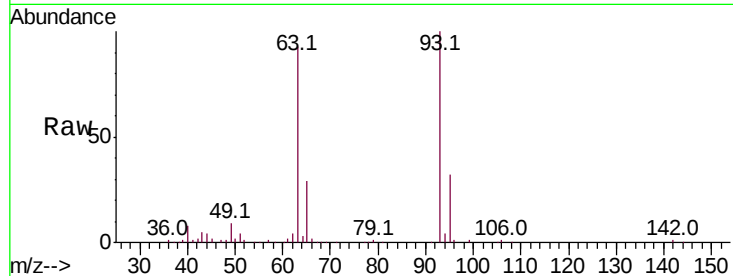
Tot Ion: 93 Resp: 113741

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

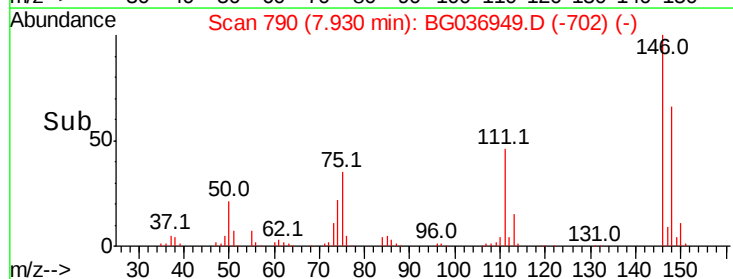
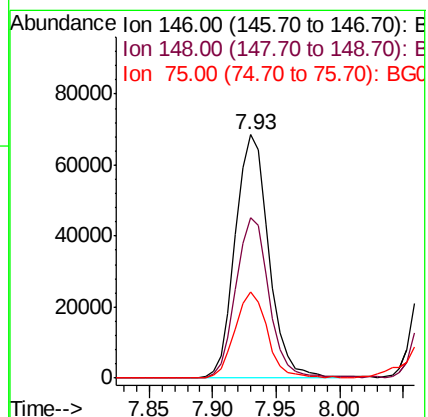
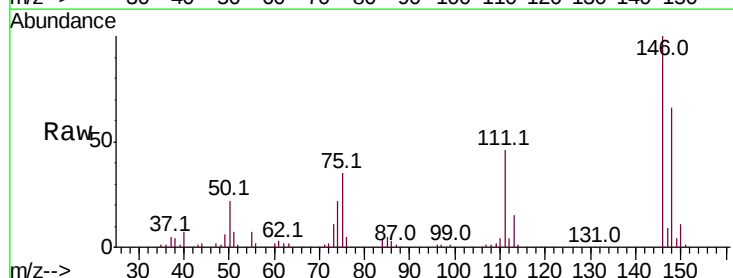
Tgt Ion:146 Resp: 125590

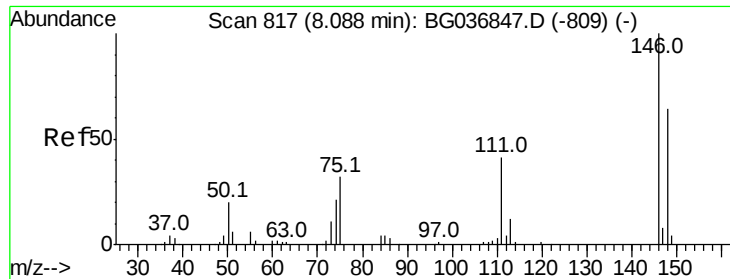
Ion Ratio Lower Upper

146 100

148 65.7 53.8 80.6

75 35.2 27.2 40.8

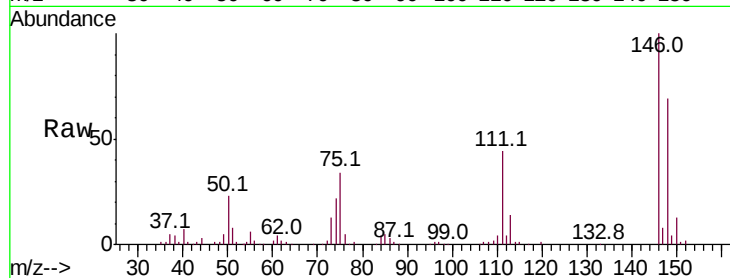




#13
 1,4-Dichlorobenzene
 Concen: 39.087 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

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

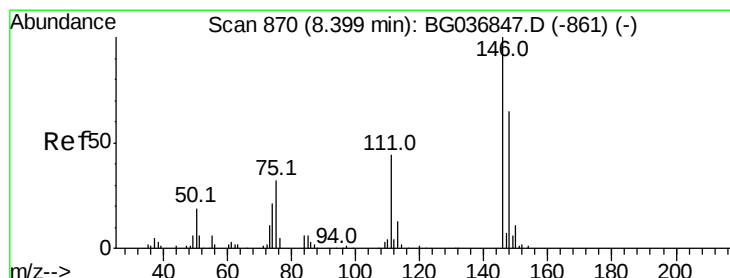
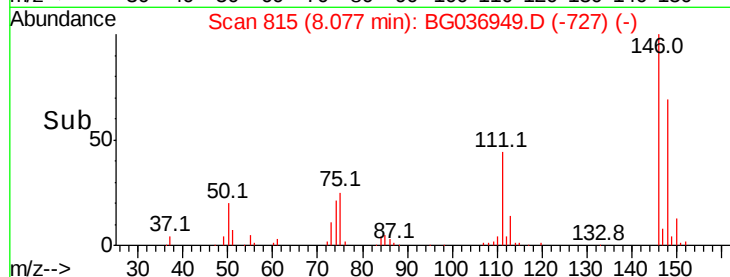
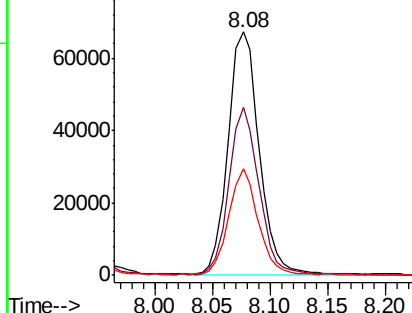


Abundance

Ion 146.00 (145.70 to 146.70): E

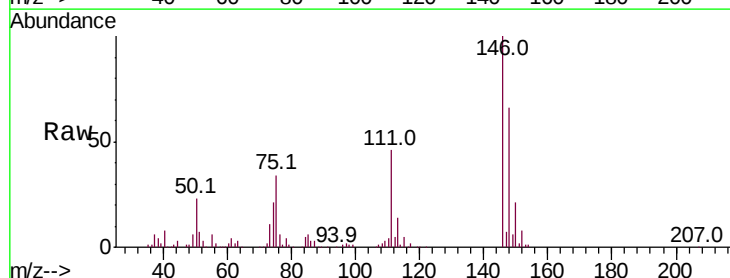
Ion 148.00 (147.70 to 148.70): E

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

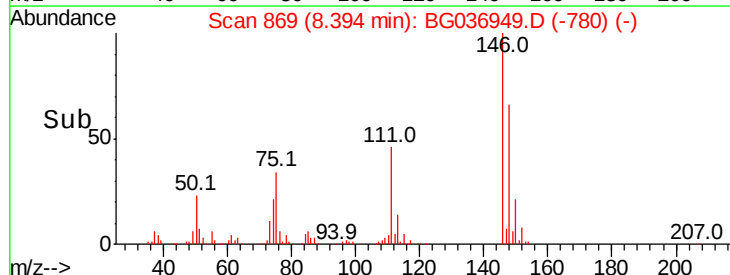
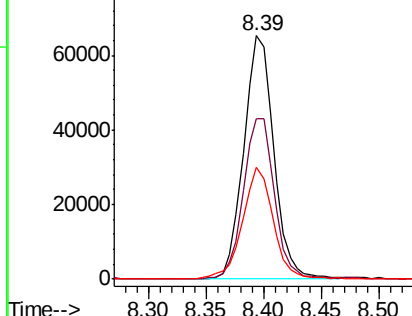


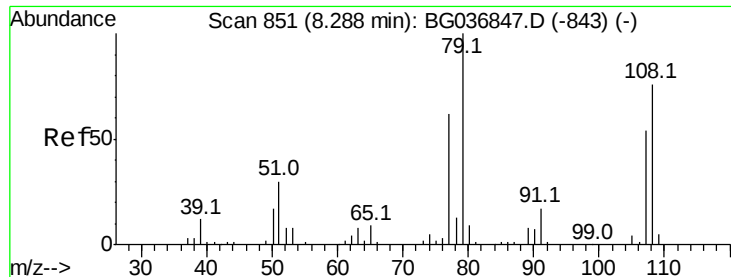
Abundance

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

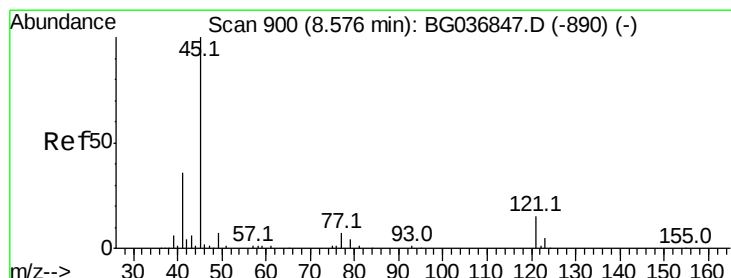
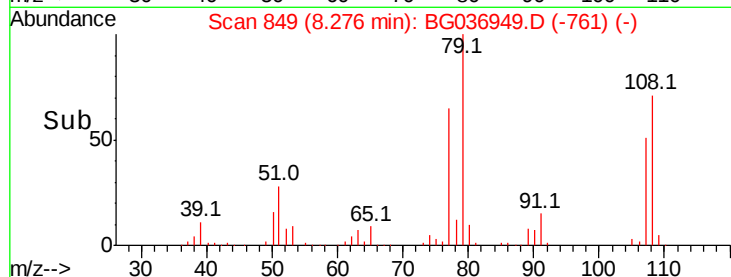
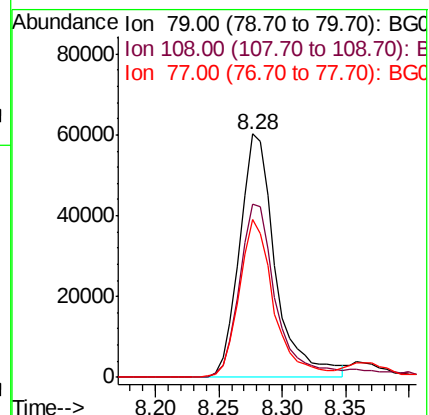
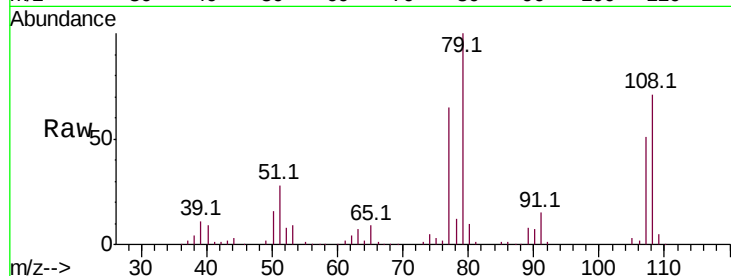
Tot Ion: 79 Resp: 118426

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

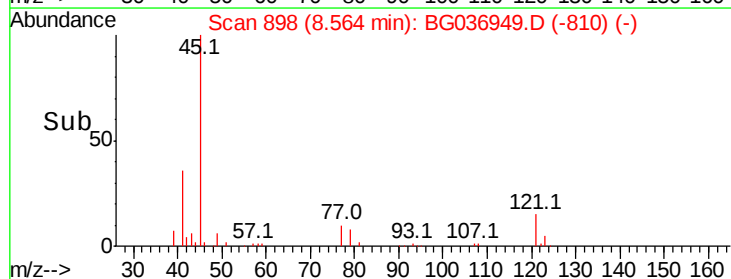
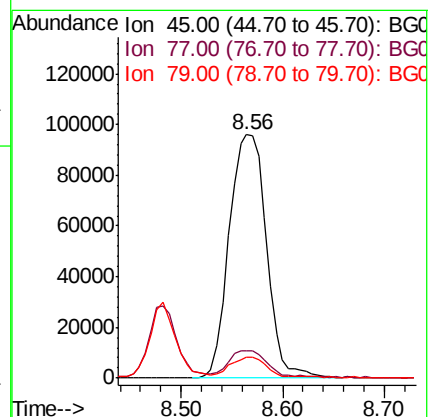
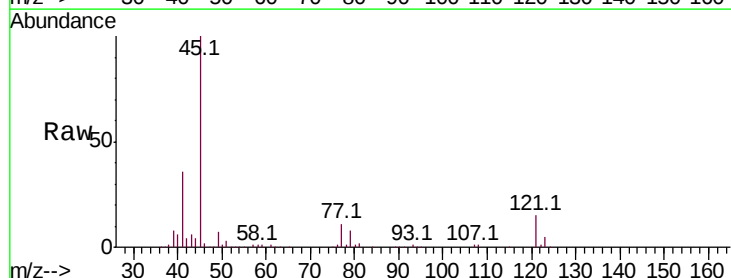
Tgt Ion: 45 Resp: 243517

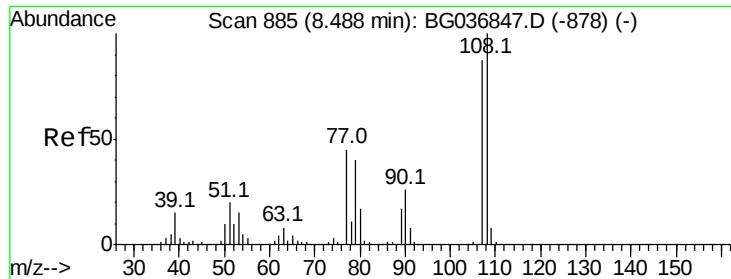
Ion Ratio Lower Upper

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:107 Resp: 110630

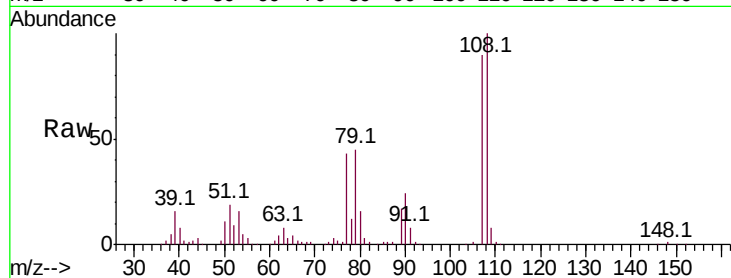
Ion Ratio Lower Upper

107 100

108 110.7 86.7 130.1

77 47.1 39.0 58.4

79 50.1 36.6 54.8

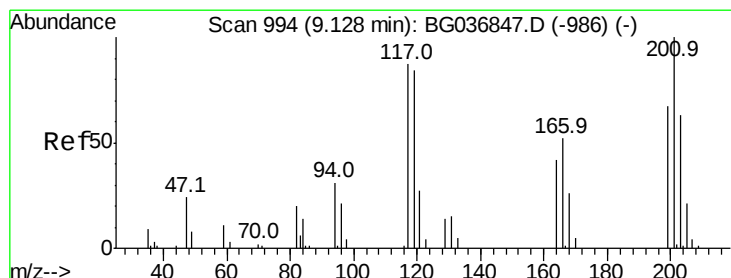
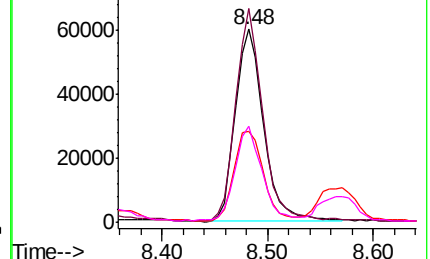
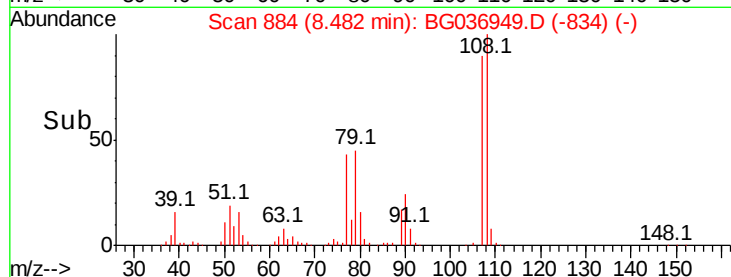


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.987 ng

RT: 9.12 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

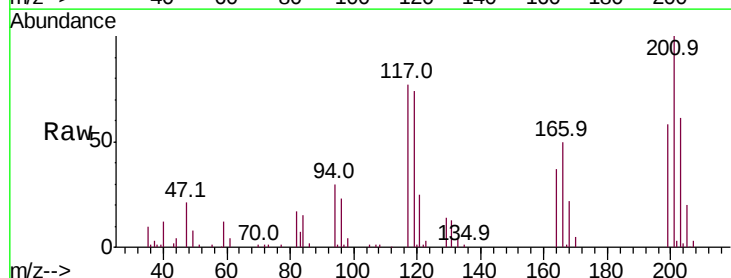
Tgt Ion:117 Resp: 48358

Ion Ratio Lower Upper

117 100

119 97.3 76.8 115.2

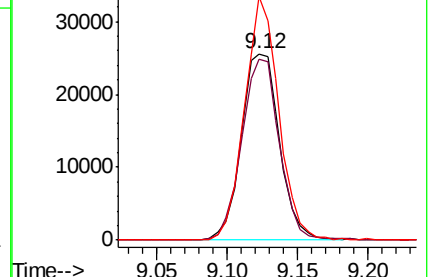
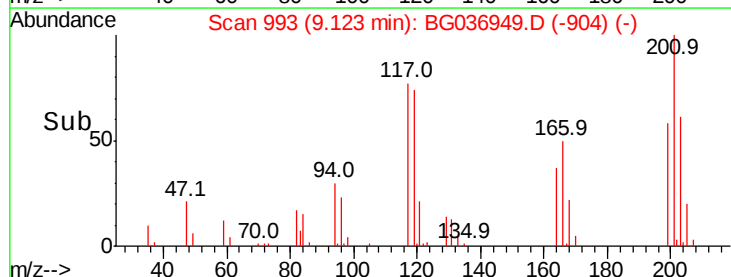
201 130.7 85.7 128.5#

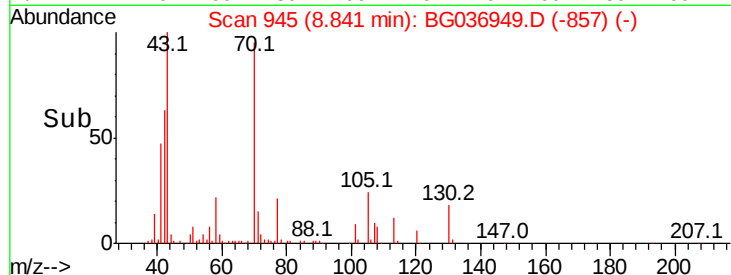
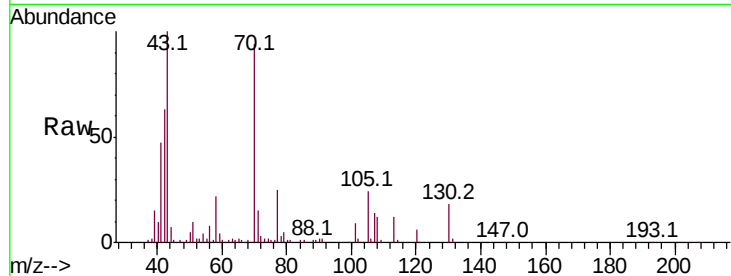
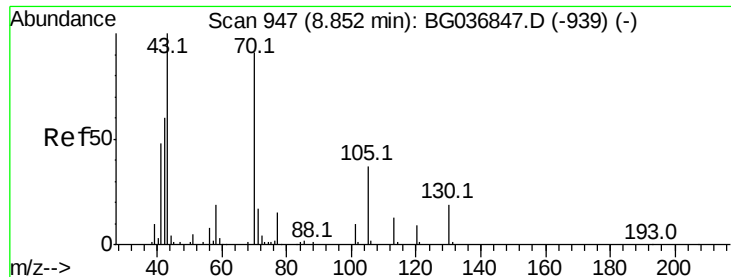


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

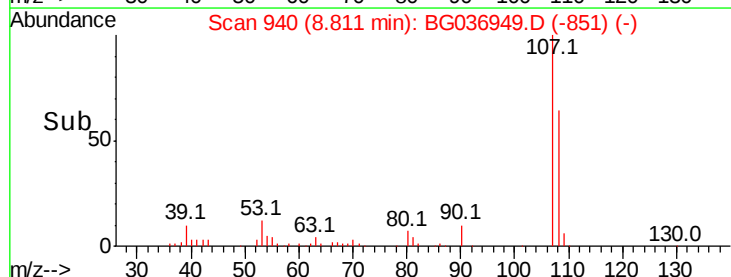
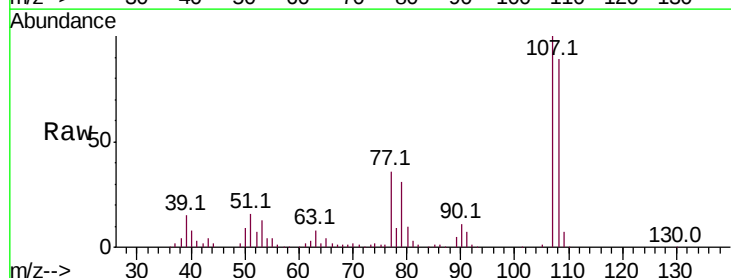
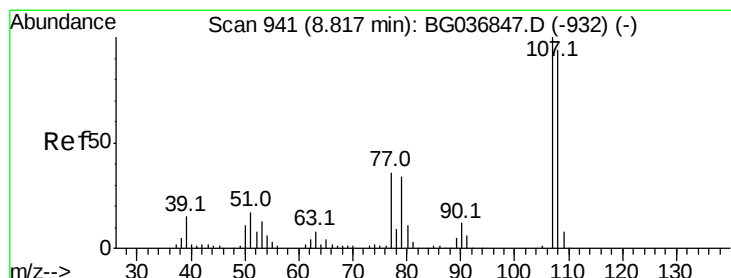
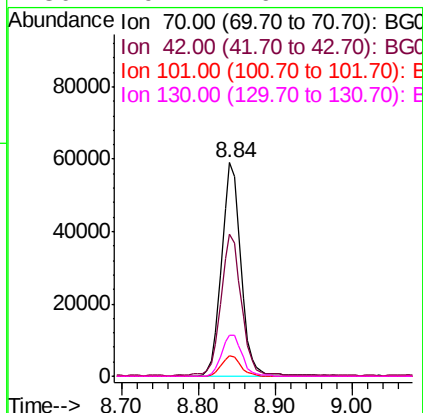




#19
n-Nitroso-di-n-propylamine
Concen: 36.539 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

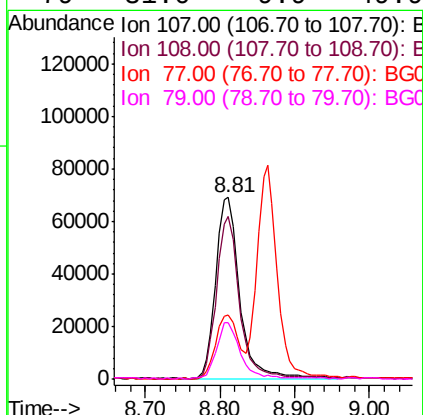
Instrument :
BNA_G
ClientSampleId :
PB113177BS

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



#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





#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

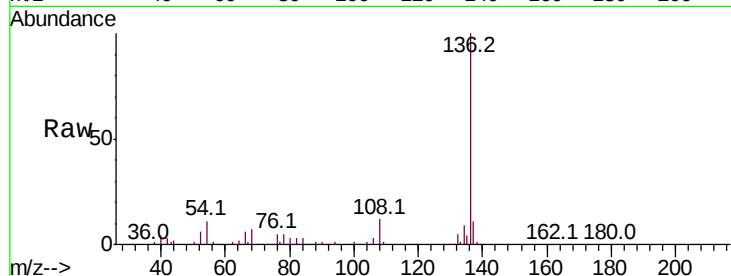
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.2 9.2 13.8

68 7.1 5.8 8.6

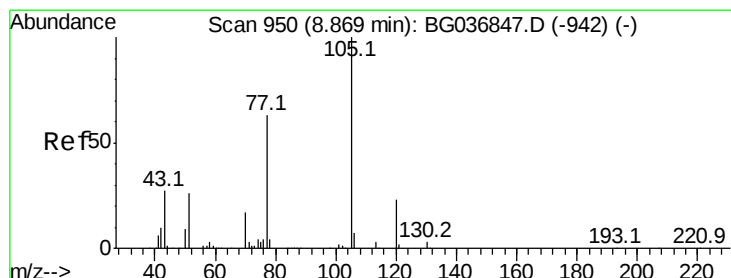
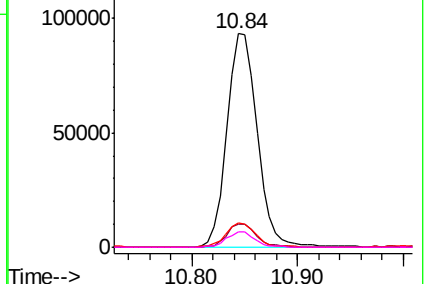
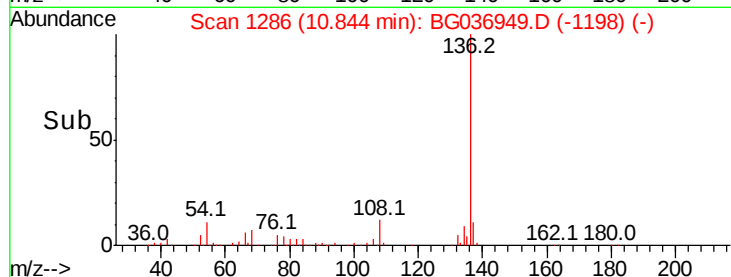


Abundance Ion 136.00 (135.70 to 136.70): E

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

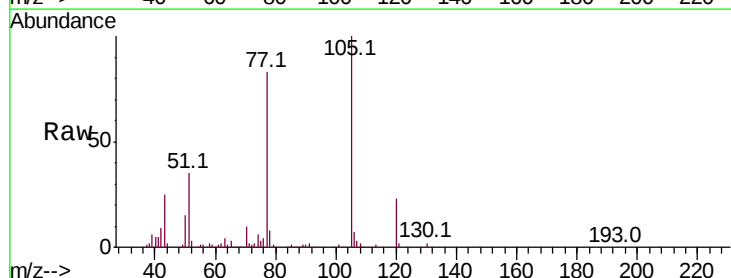
Ion Ratio Lower Upper

105 100

71 2.0 2.4 3.6#

51 35.0 25.9 38.9

120 22.7 19.4 29.0

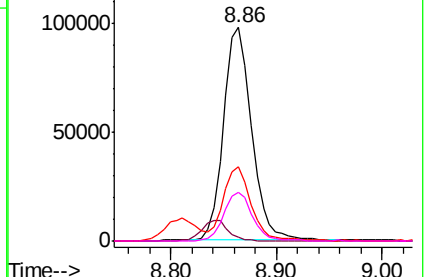
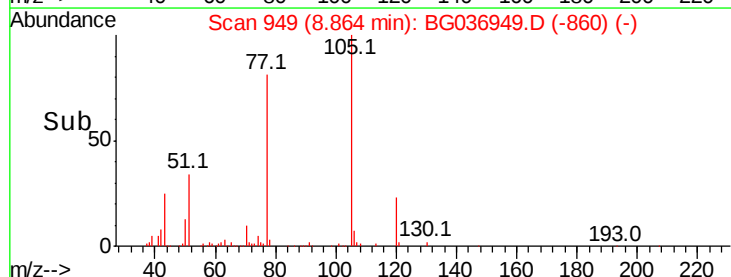


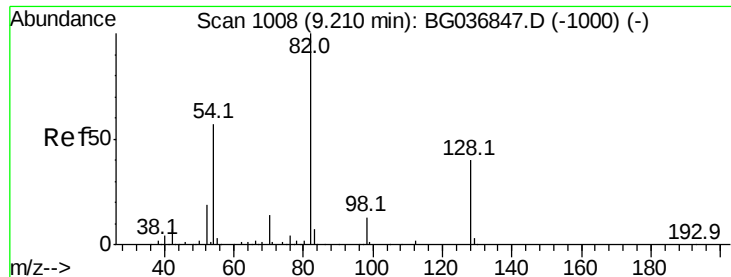
Abundance Ion 105.00 (104.70 to 105.70): E

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

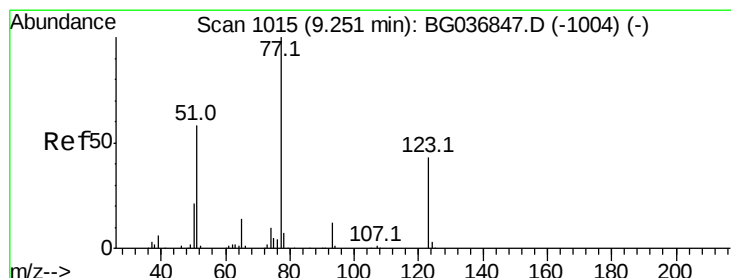
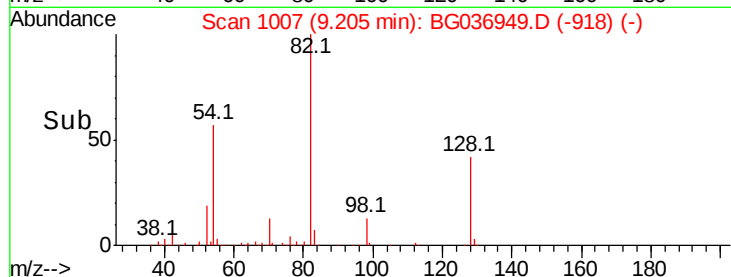
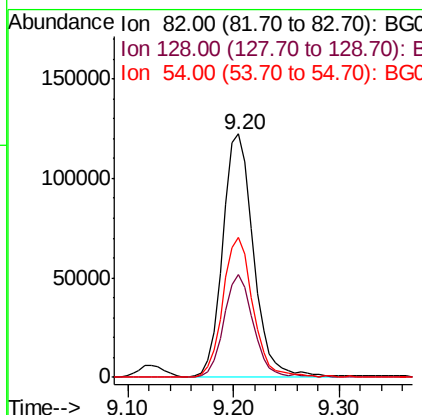
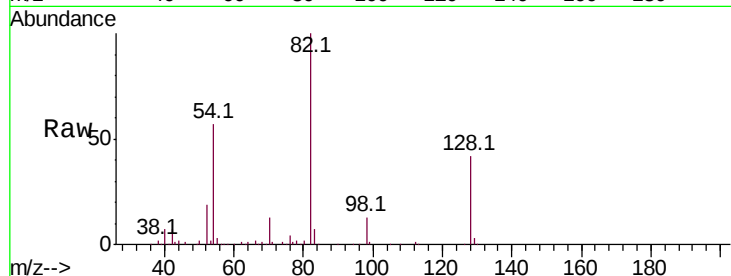




#23
 Nitrobenzene-d5
 Concen: 71.014 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

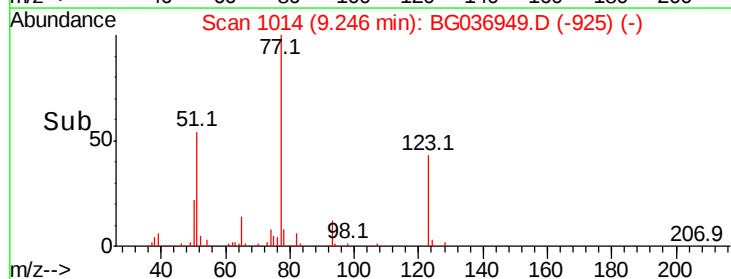
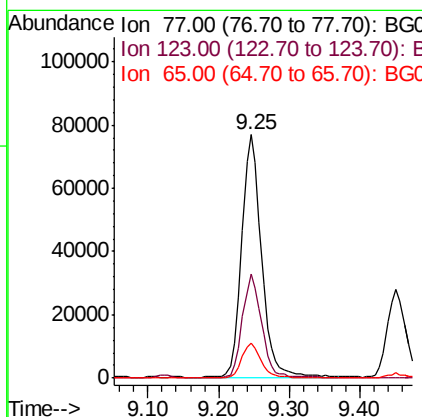
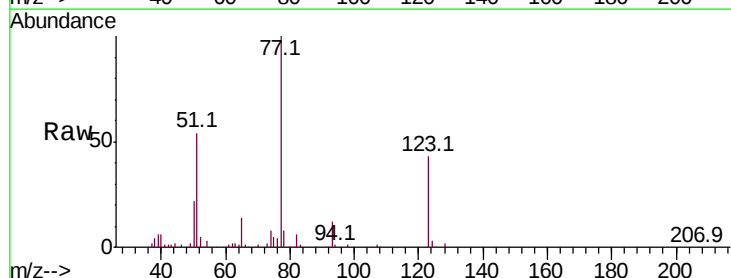
Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

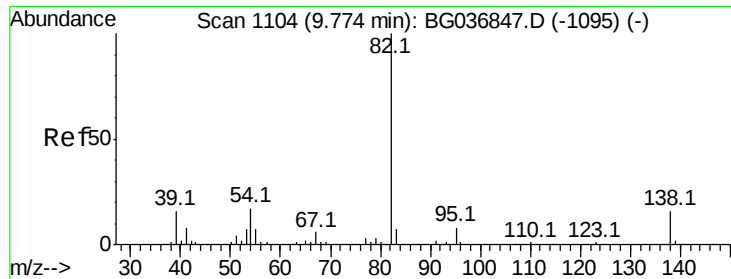
Tot Ion	82	Resp	244996
Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	57.4	45.1	67.7



#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

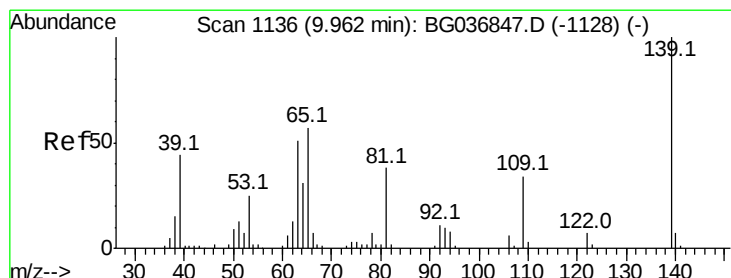
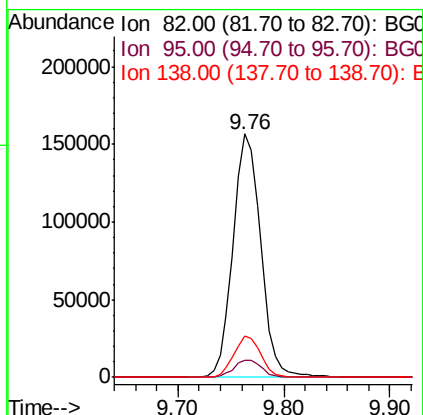
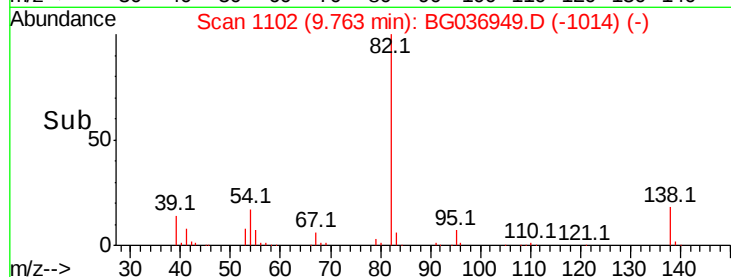
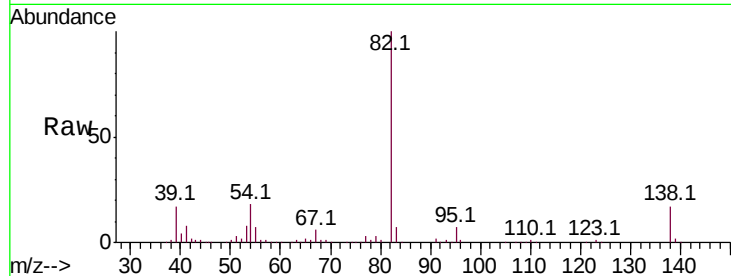
Tot Ion: 82 Resp: 283601

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

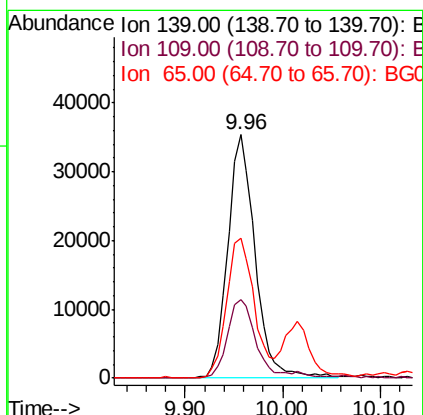
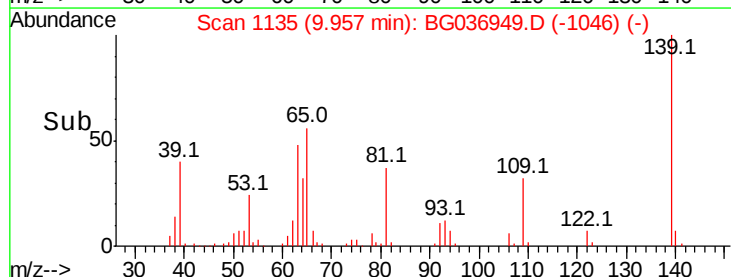
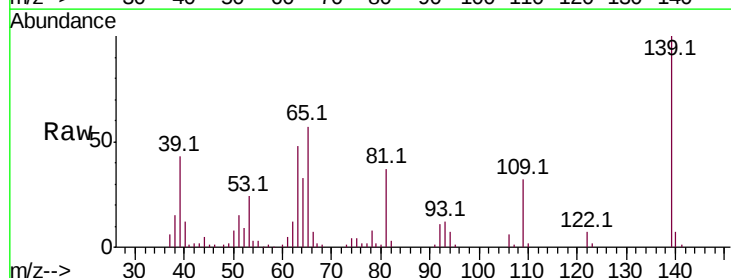
Tgt Ion: 139 Resp: 68816

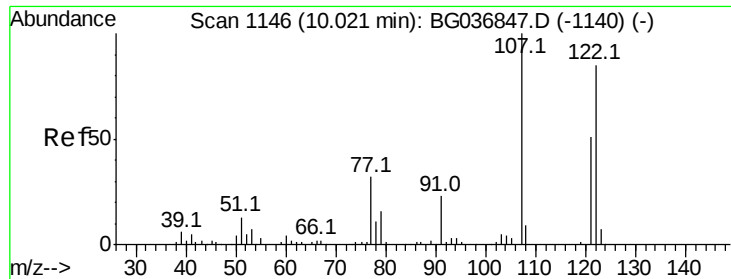
Ion Ratio Lower Upper

139 100

109 32.1 27.4 41.0

65 57.3 47.8 71.6

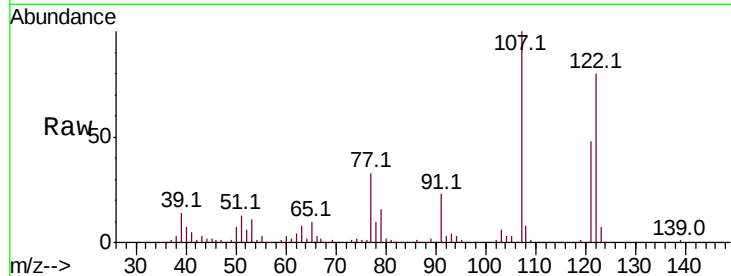




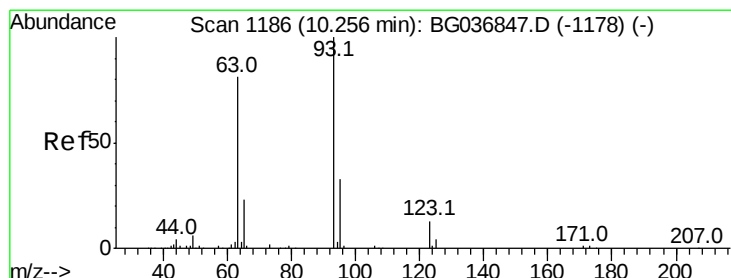
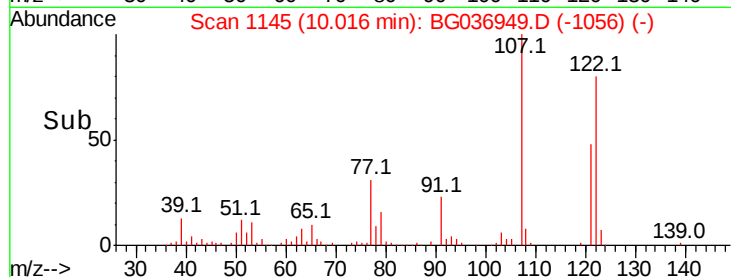
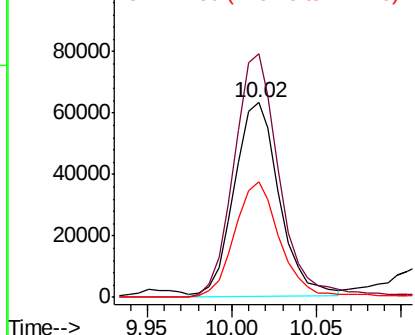
#27
2,4-Dimethylphenol
Concen: 51.468 ng
RT: 10.02 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

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

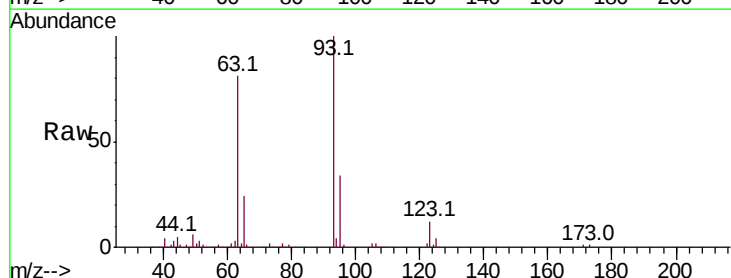


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

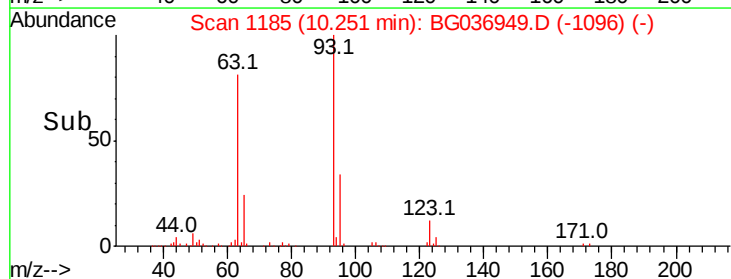
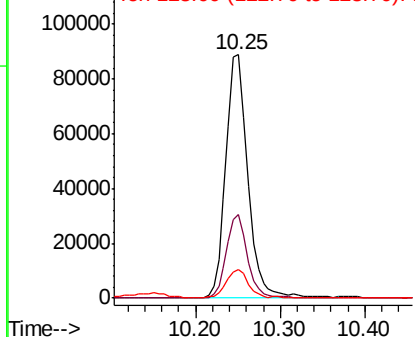


#28
bis(2-Chloroethoxy)methane
Concen: 41.220 ng
RT: 10.25 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

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

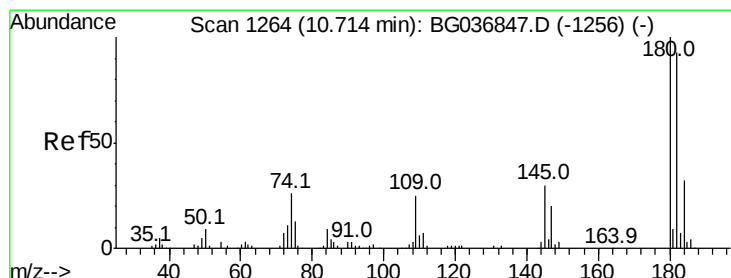
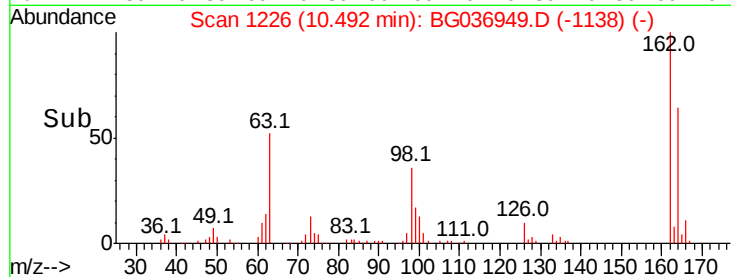
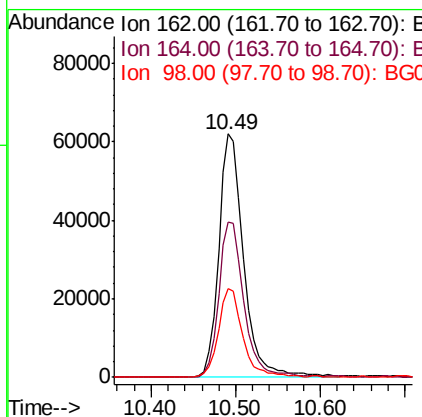
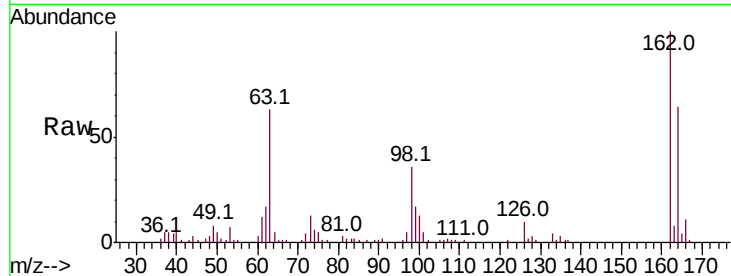




#29
 2,4-Dichlorophenol
 Concen: 47.698 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

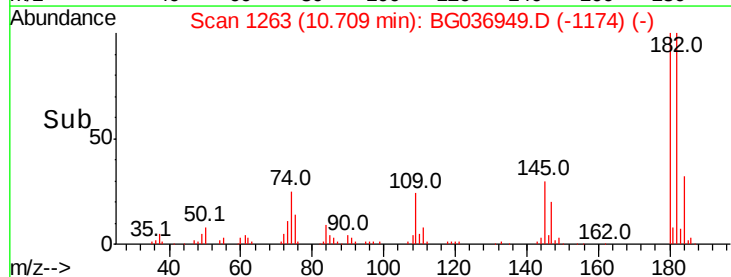
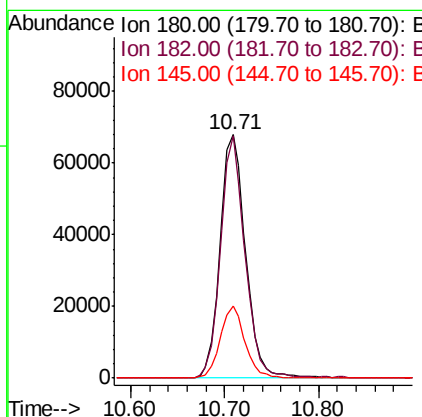
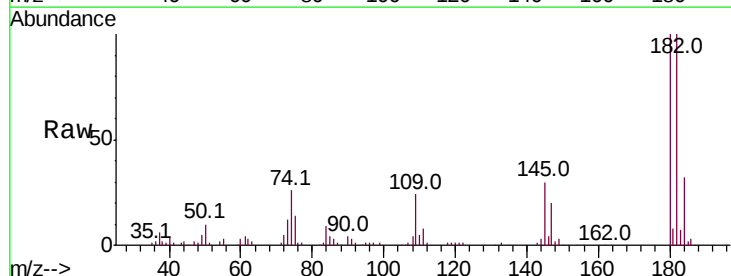
Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

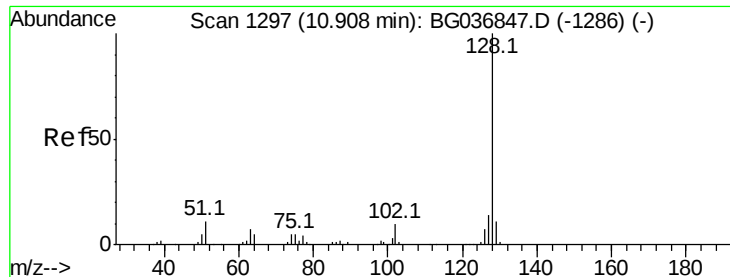
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	47.6	87.6
98	36.3	19.2	59.2



#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	Ratio	Lower	Upper
180	100		
182	99.7	76.0	114.0
145	29.6	22.9	34.3

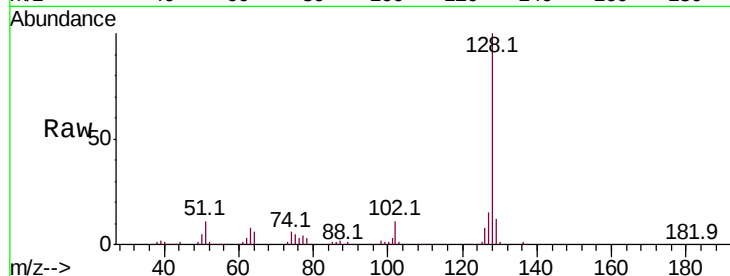




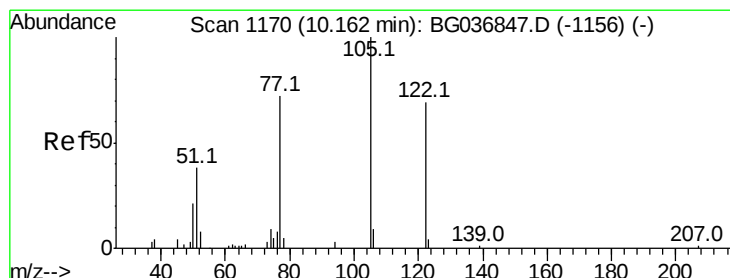
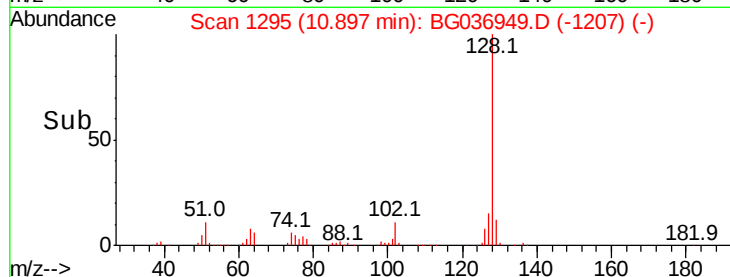
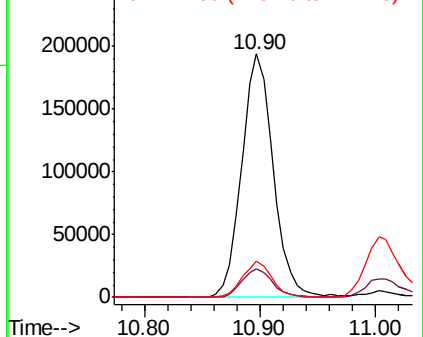
#31
Naphthalene
Concen: 41.858 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

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

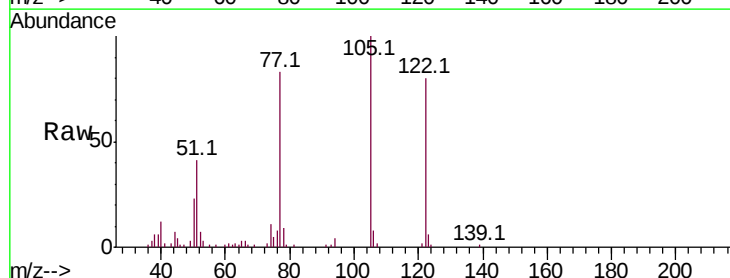


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

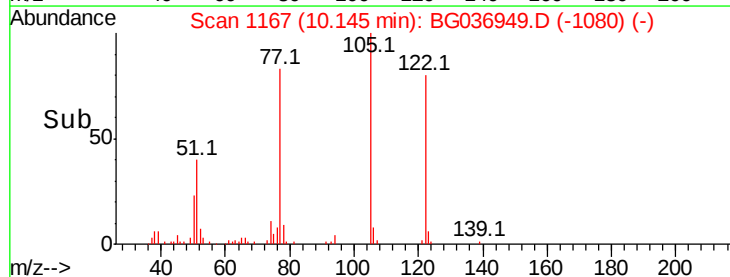
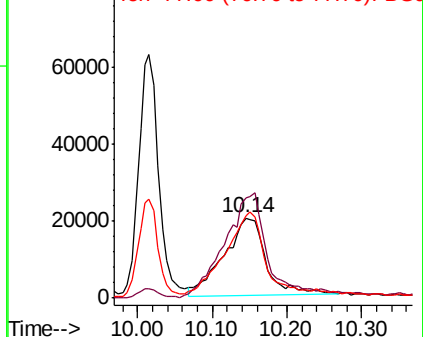


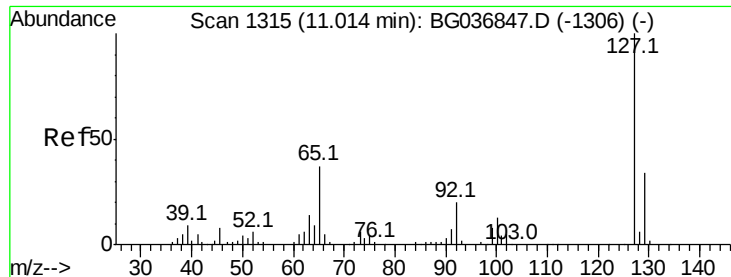
#32
Benzoic acid
Concen: 45.715 ng
RT: 10.14 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

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

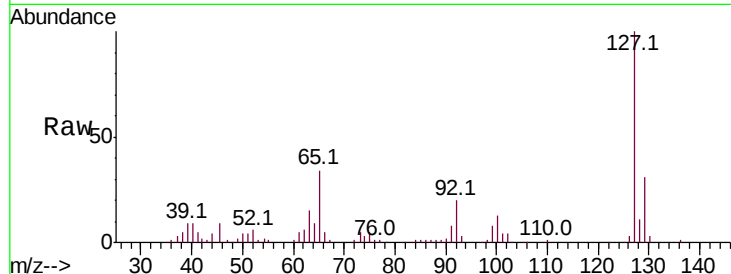




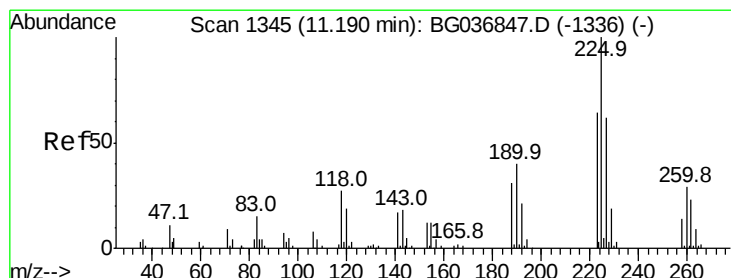
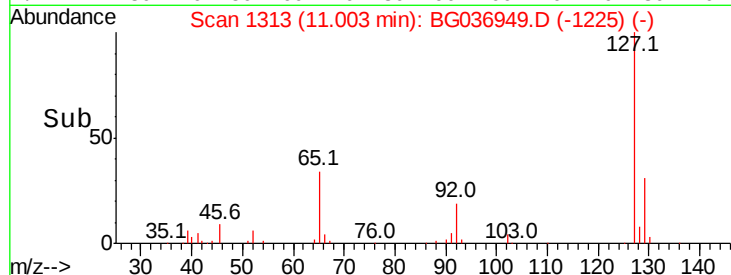
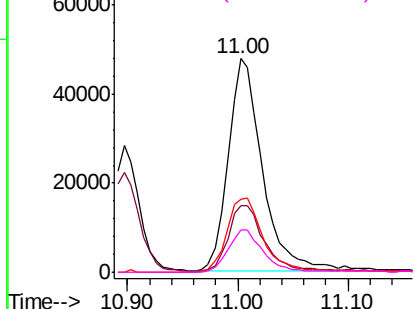
#33
4-Chloroaniline
Concen: 25.791 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

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

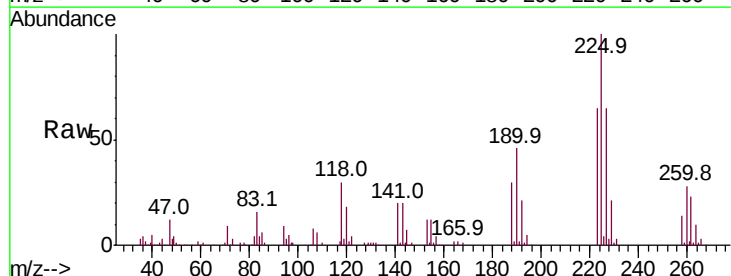


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

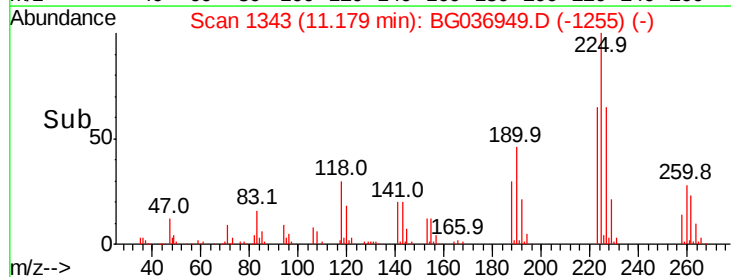
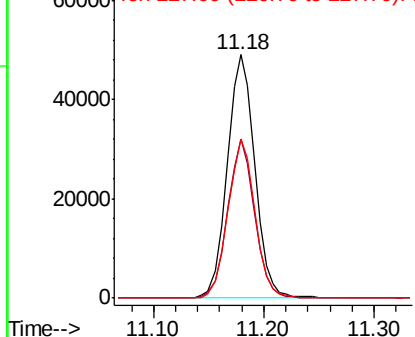


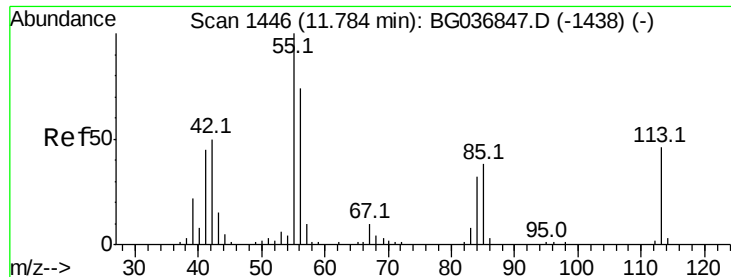
#34
Hexachlorobutadiene
Concen: 37.225 ng
RT: 11.18 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

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

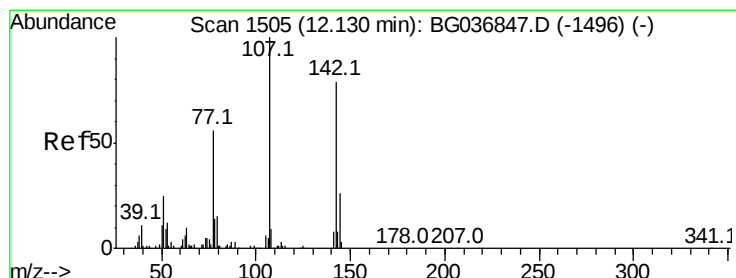
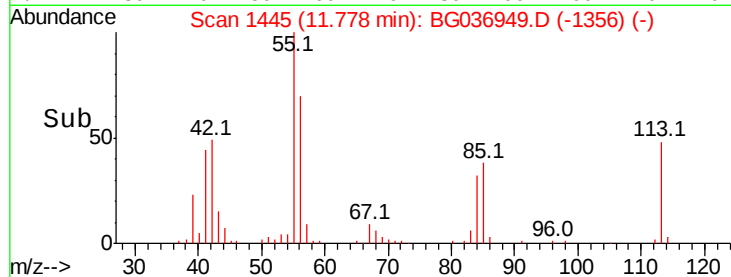
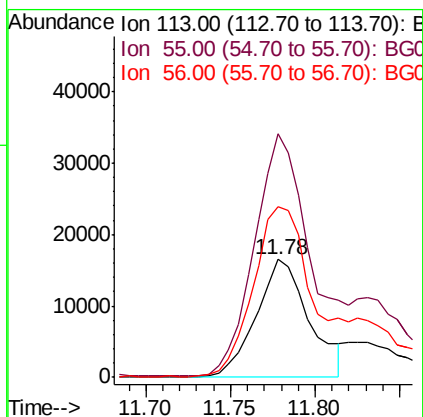
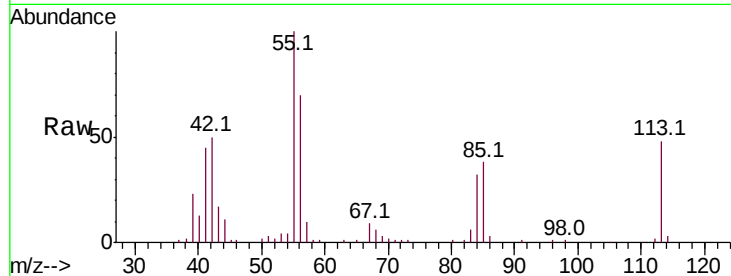




#35
 Caprolactam
 Concen: 32.854 ng
 RT: 11.78 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

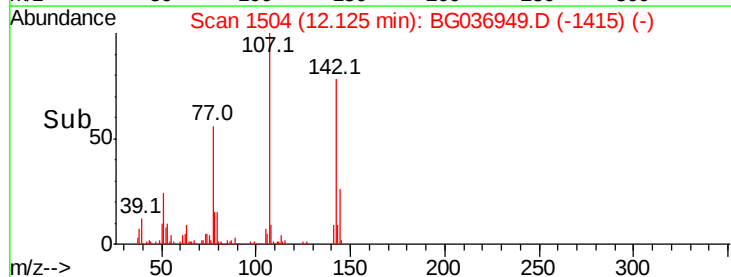
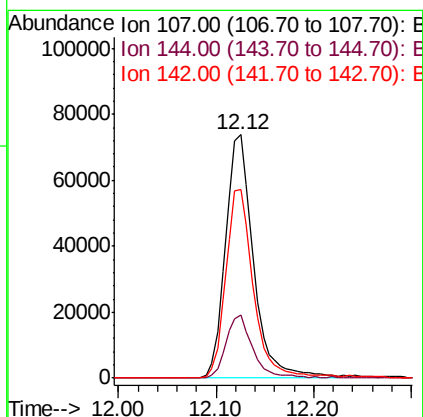
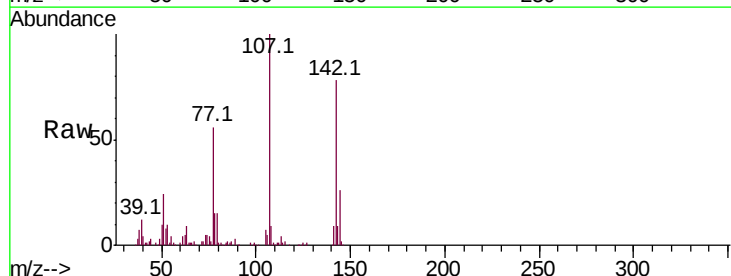
Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

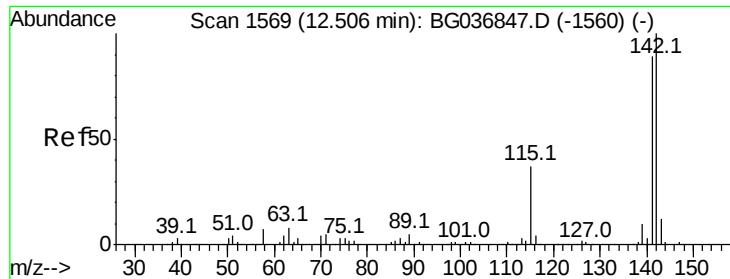
Tot Ion:113 Resp: 35858
 Ion Ratio Lower Upper
 113 100
 55 206.9 197.7 237.7
 56 145.5 131.7 171.7



#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

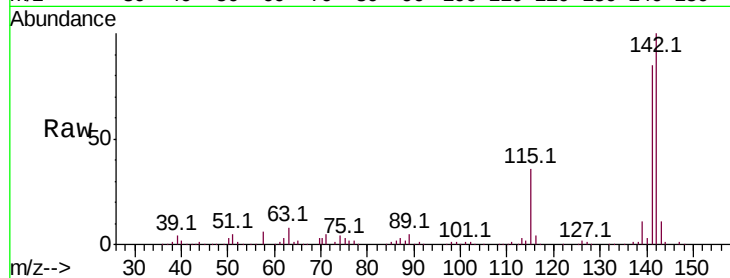




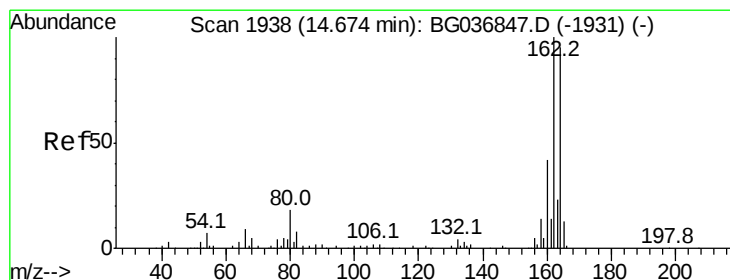
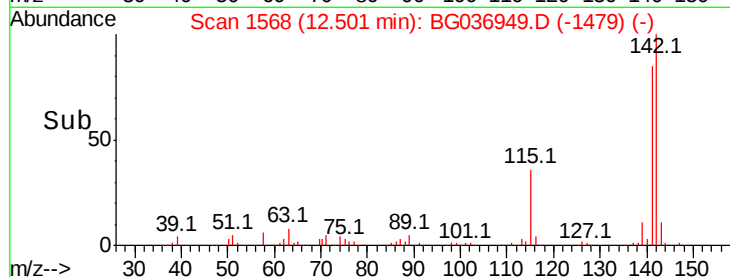
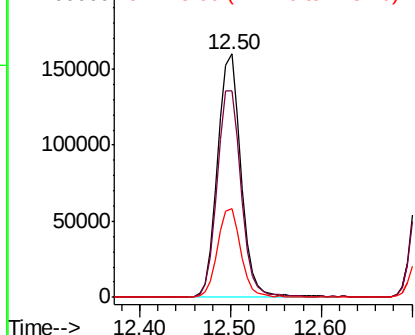
#37
2-Methylnaphthalene
Concen: 42.815 ng
RT: 12.50 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

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

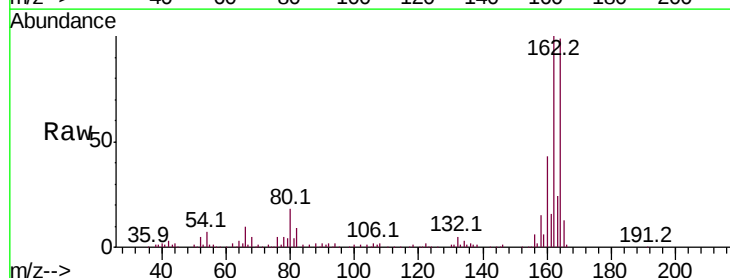


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

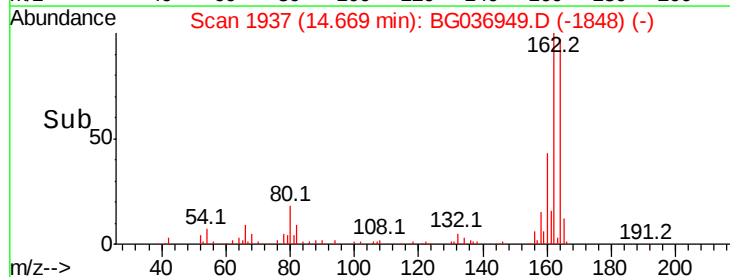
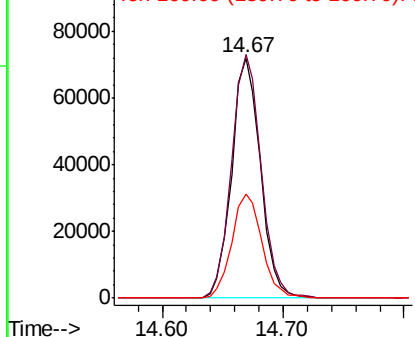


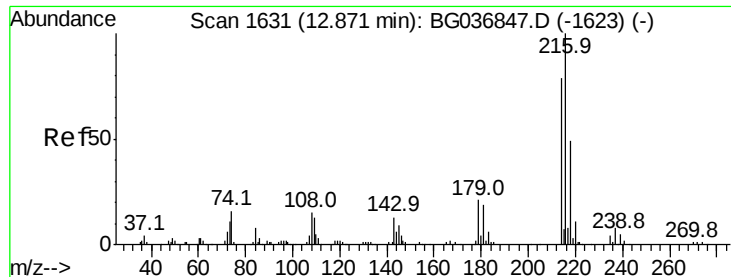
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

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

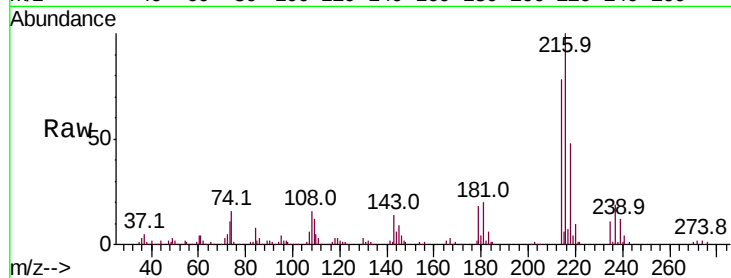
Ion	Ratio	Lower	Upper
216	100		
214	77.1	61.0	91.6
179	19.2	15.7	23.5
108	18.5	13.1	19.7

216 100

214 77.1 61.0 91.6

179 19.2 15.7 23.5

108 18.5 13.1 19.7

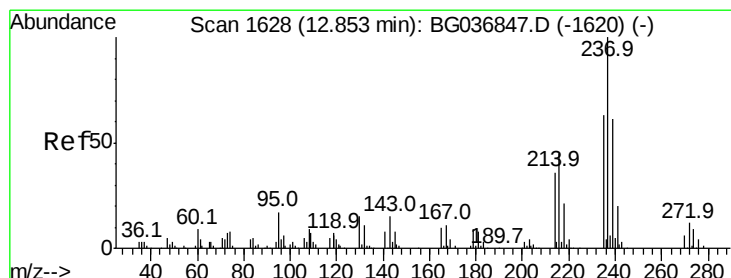
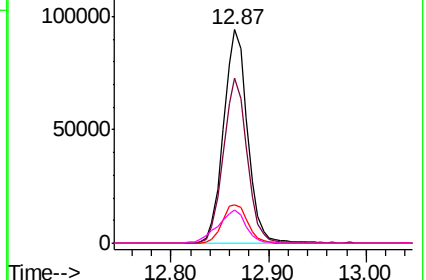
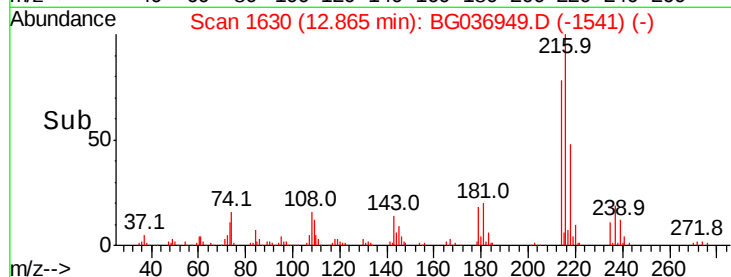


Abundance Ion 216.00 (215.70 to 216.70): E

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

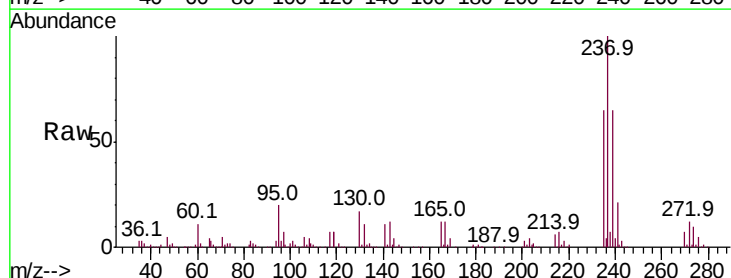
Tgt Ion:237 Resp: 208539

Ion	Ratio	Lower	Upper
237	100		
235	65.4	42.2	82.2
272	12.1	0.0	32.1

237 100

235 65.4 42.2 82.2

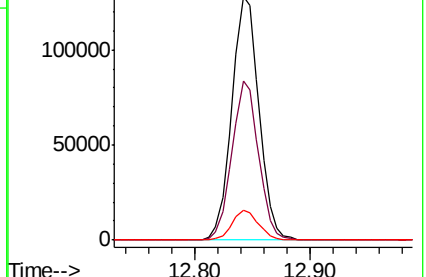
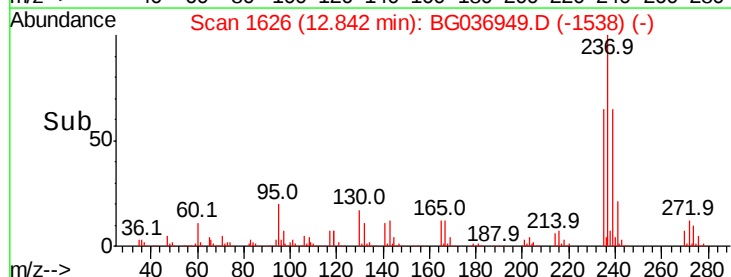
272 12.1 0.0 32.1



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

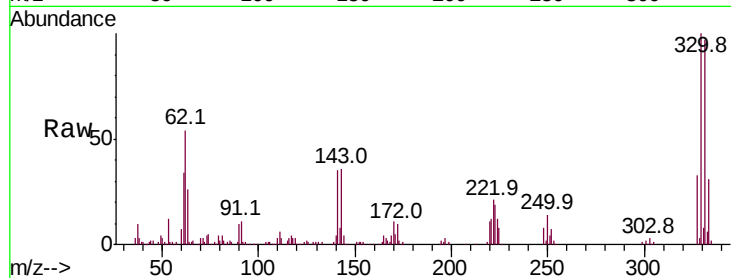




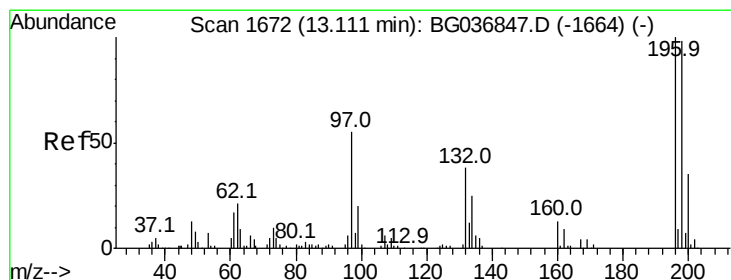
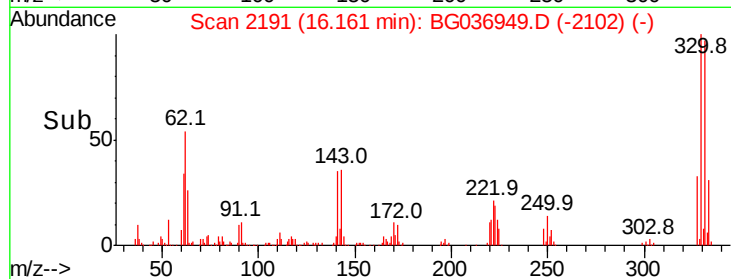
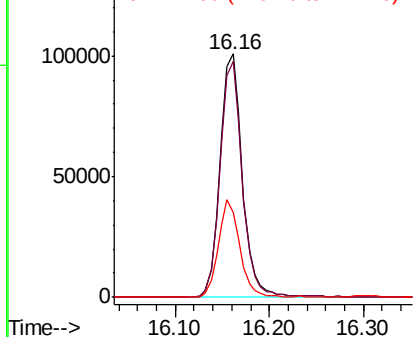
#41
 2,4,6-Tribromophenol
 Concen: 116.989 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.4	113.2
141	38.6	30.7	46.1

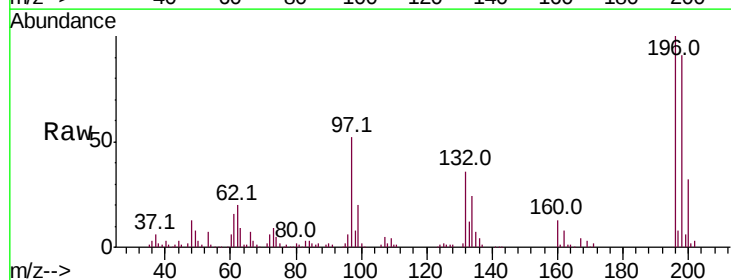


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

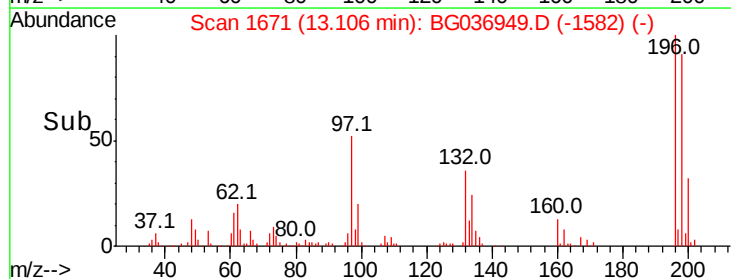
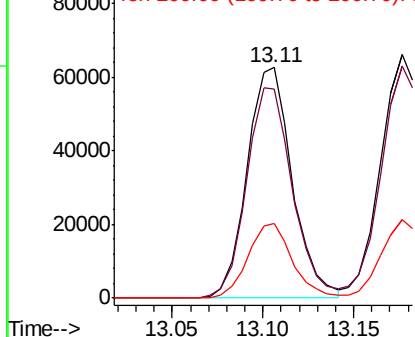


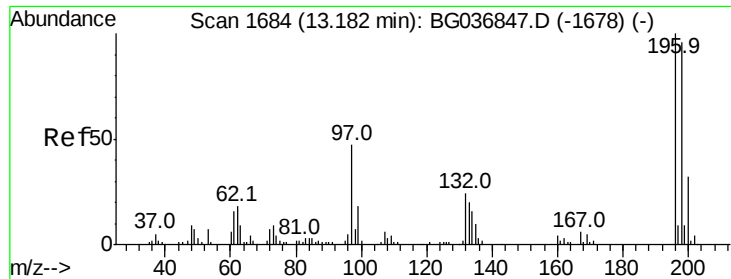
#42
 2,4,6-Trichlorophenol
 Concen: 47.002 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Tgt Ion	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

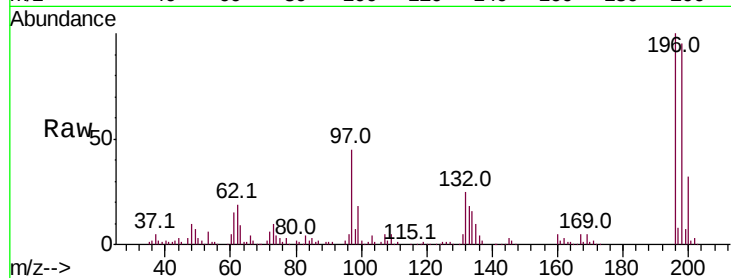
Ion Ratio Lower Upper

196 100

198 95.1 75.6 113.4

97 44.8 37.2 55.8

132 24.8 19.4 29.2

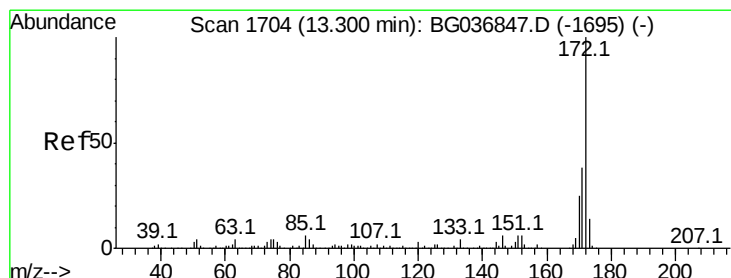
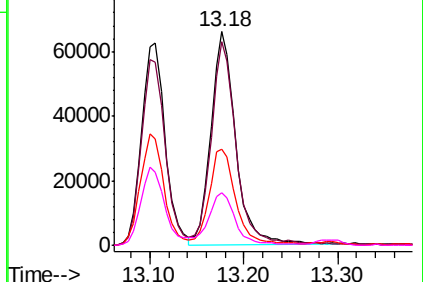
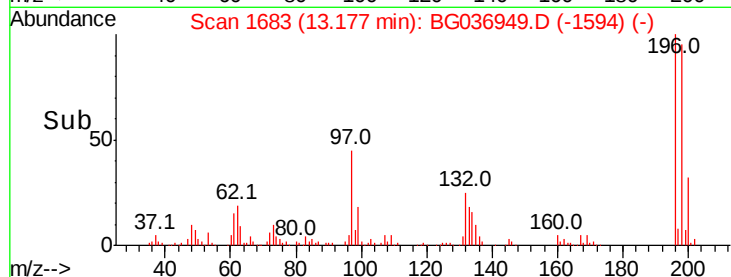


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 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

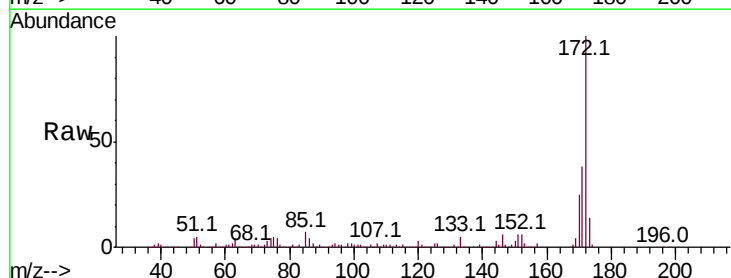
Tgt Ion:172 Resp: 564660

Ion Ratio Lower Upper

172 100

171 38.2 31.3 46.9

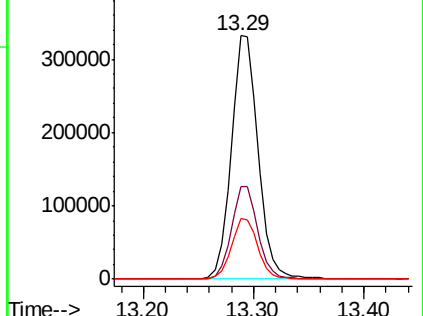
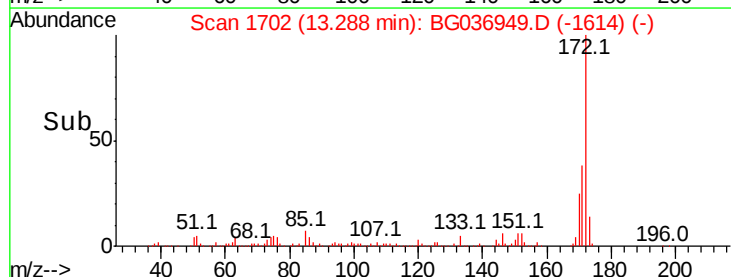
170 24.7 21.0 31.6

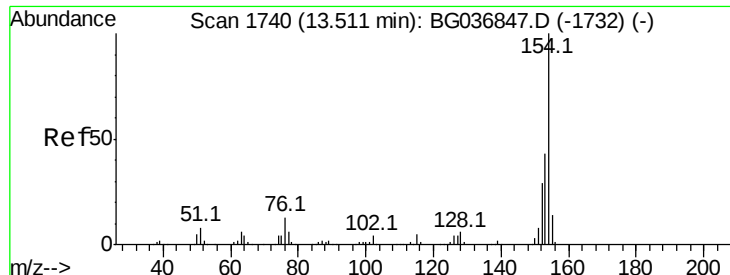


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

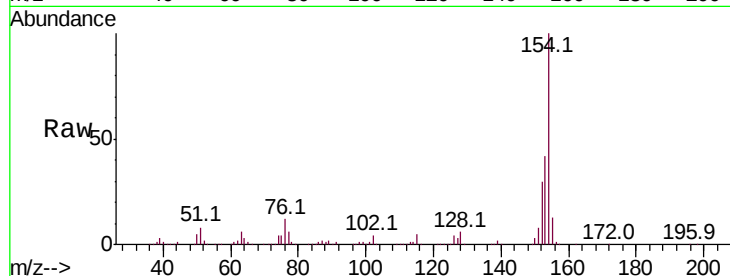




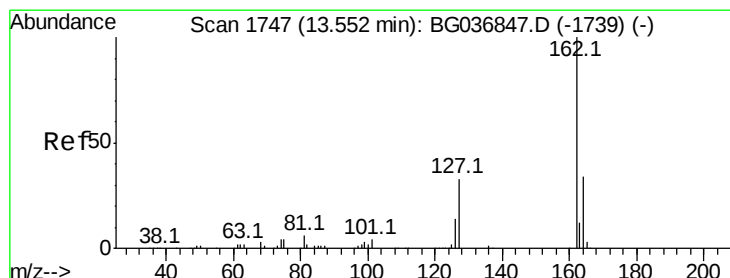
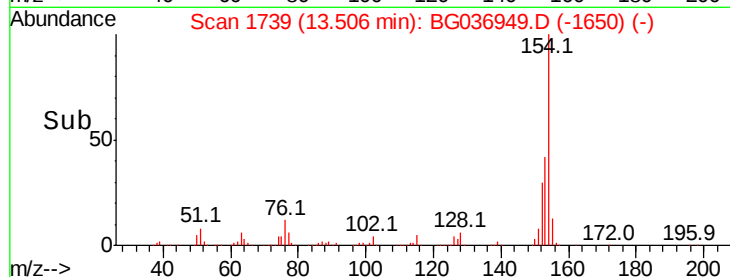
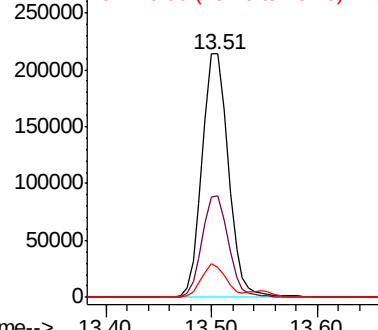
#45
1,1'-Biphenyl
Concen: 40.407 ng
RT: 13.51 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

Instrument :
BNA_G
ClientSampleId :
PB113177BS

Tot Ion:154 Resp: 370659
Ion Ratio Lower Upper
154 100
153 41.7 24.0 64.0
76 12.3 0.0 32.9

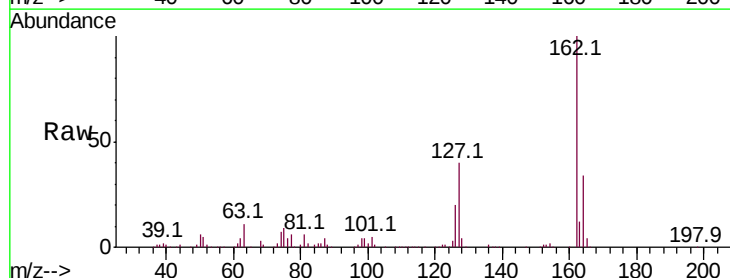


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

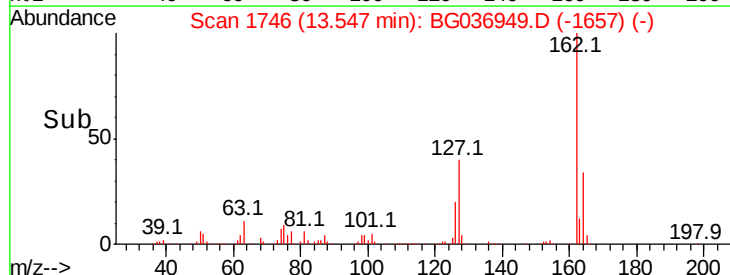
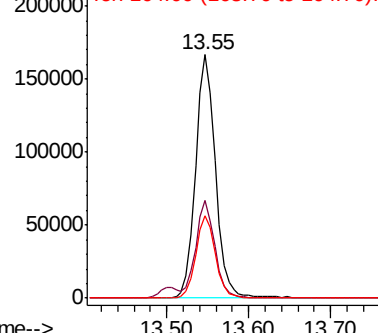


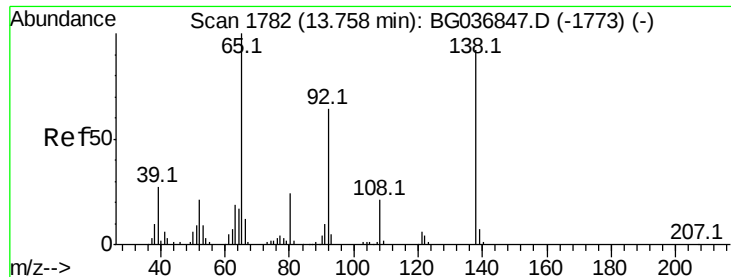
#46
2-Chloronaphthalene
Concen: 39.119 ng
RT: 13.55 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

Tgt Ion:162 Resp: 282201
Ion Ratio Lower Upper
162 100
127 40.1 30.7 46.1
164 33.7 26.7 40.1



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#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

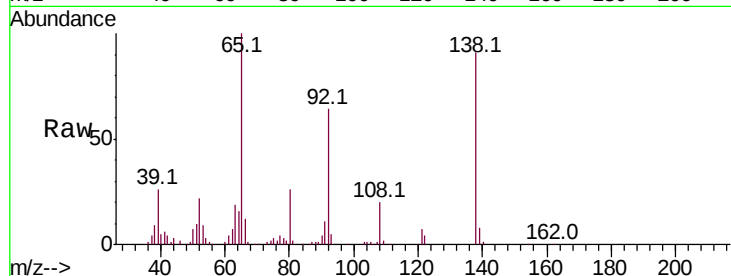
Tot Ion: 65 Resp: 112811

Ion Ratio Lower Upper

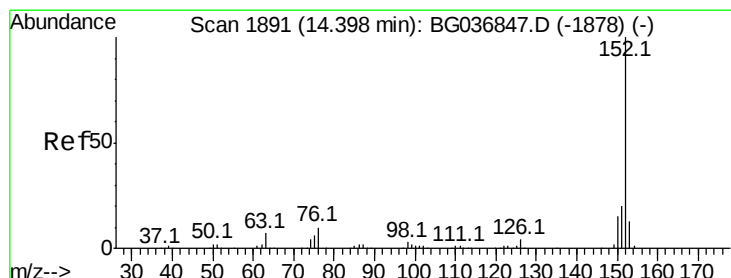
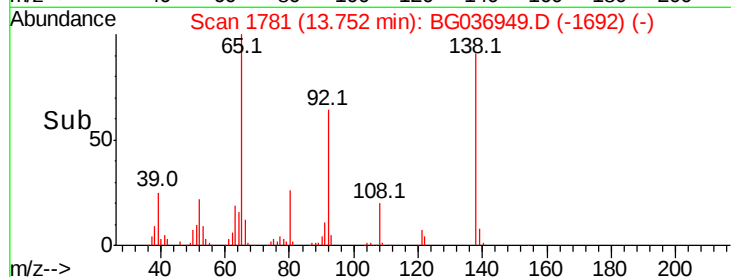
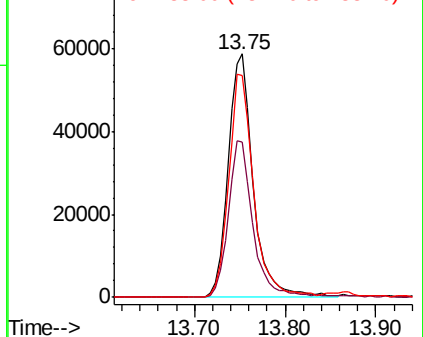
65 100

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

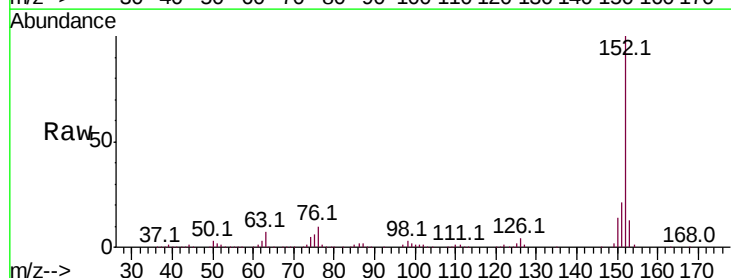
Tgt Ion: 152 Resp: 488090

Ion Ratio Lower Upper

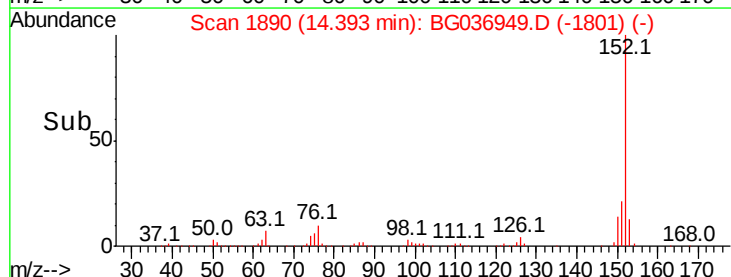
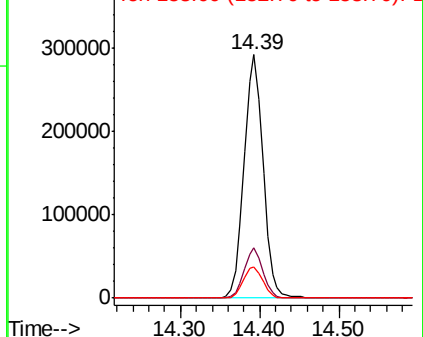
152 100

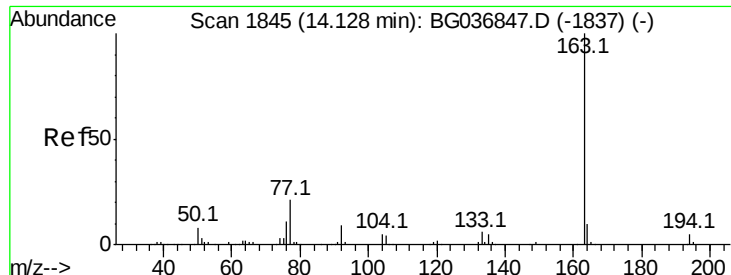
151 20.7 16.9 25.3

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

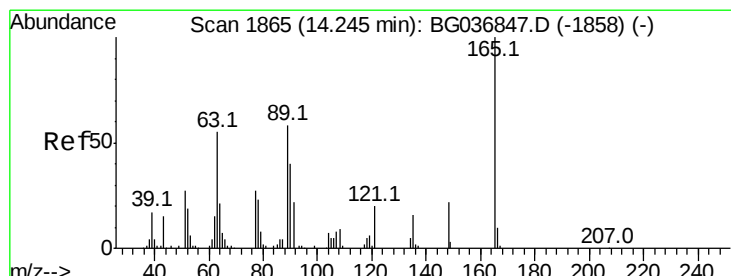
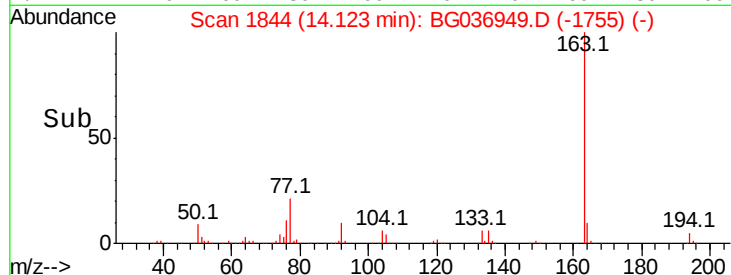
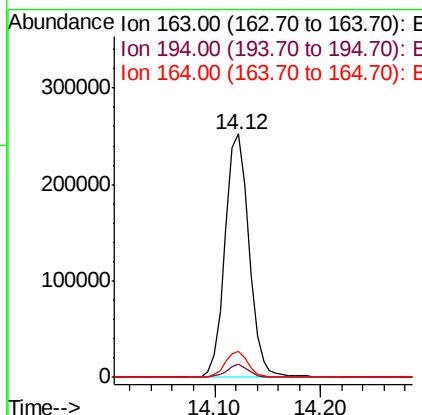
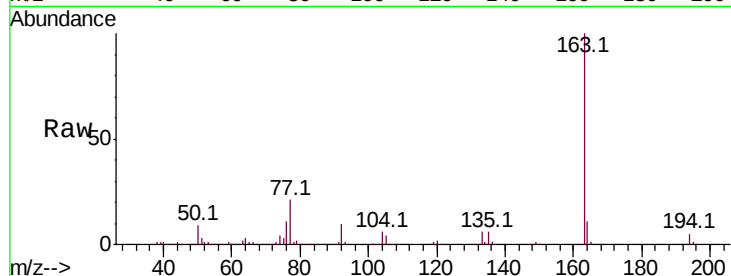




#49
Dimethylphthalate
Concen: 41.212 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

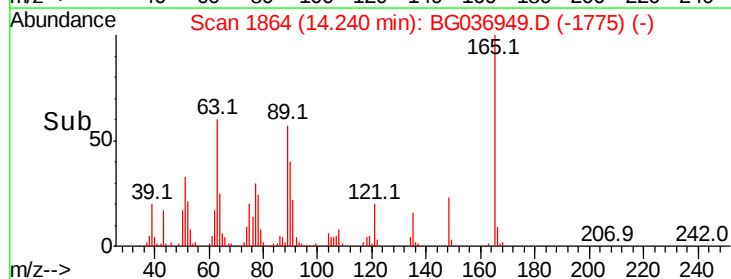
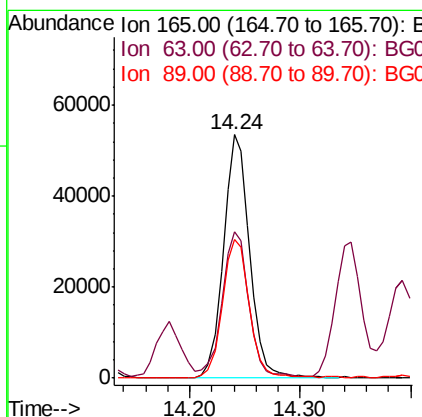
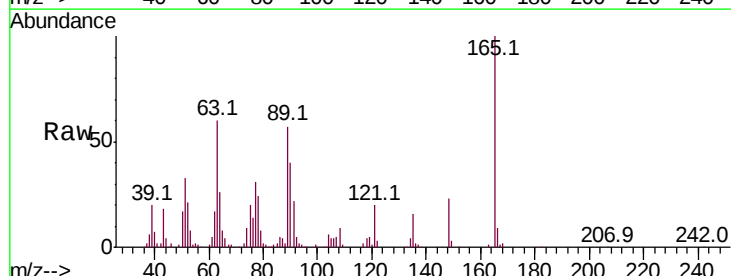
Instrument :
BNA_G
ClientSampleId :
PB113177BS

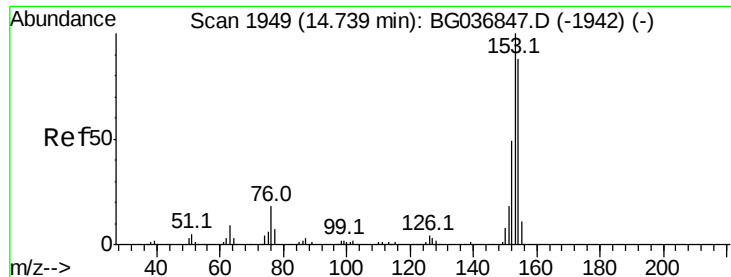
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.4	4.0	6.0
164	10.7	8.1	12.1



#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	Ratio	Lower	Upper
165	100		
63	60.3	50.1	75.1
89	56.9	47.8	71.6





#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

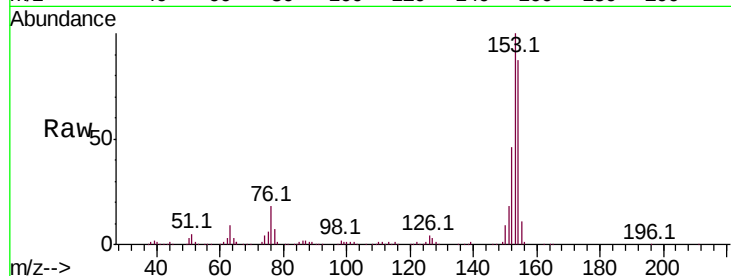
Tot Ion:154 Resp: 280959

Ion Ratio Lower Upper

154 100

153 115.4 91.8 137.6

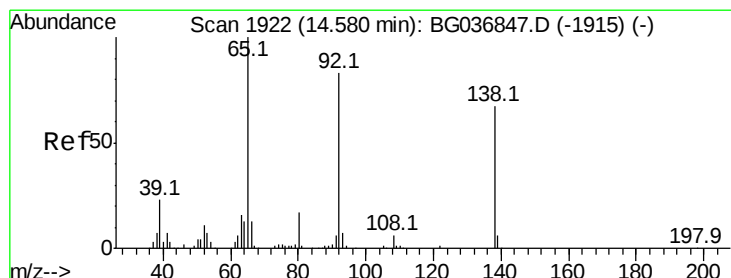
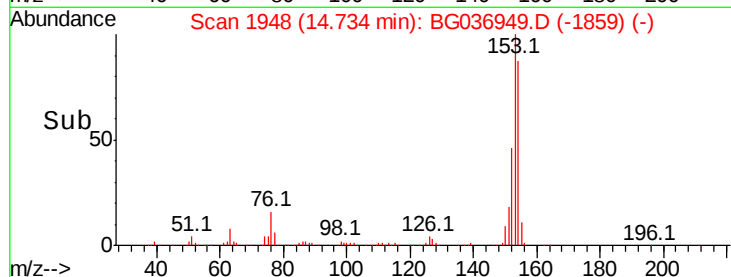
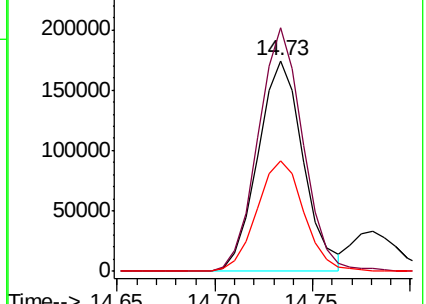
152 52.7 43.5 65.3



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

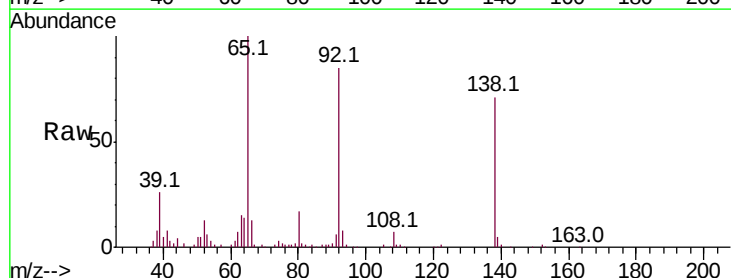
Tgt Ion:138 Resp: 69671

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.2

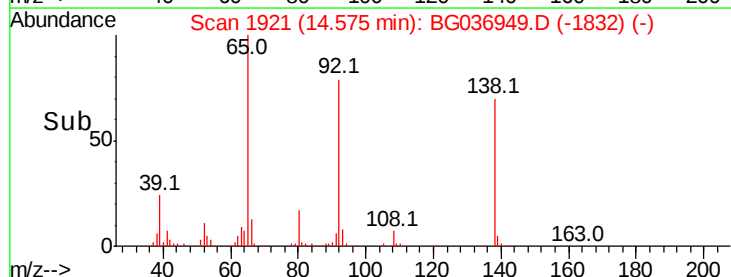
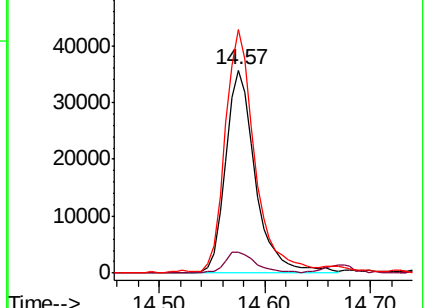
92 120.1 96.8 145.2

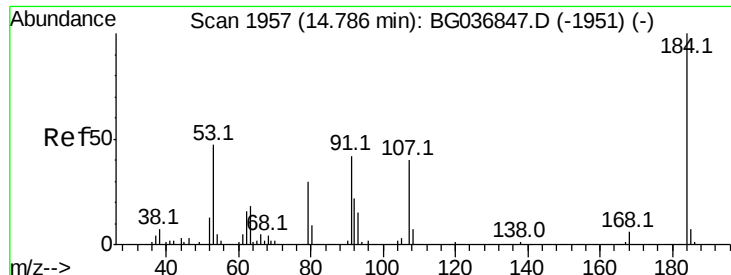


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

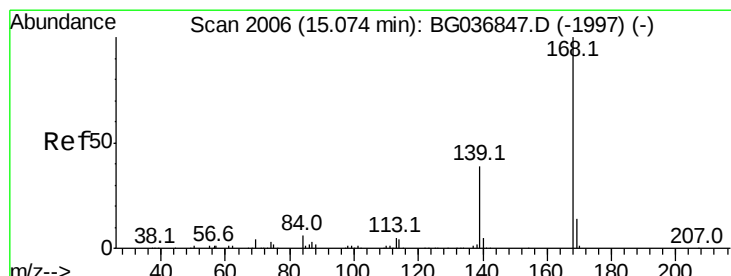
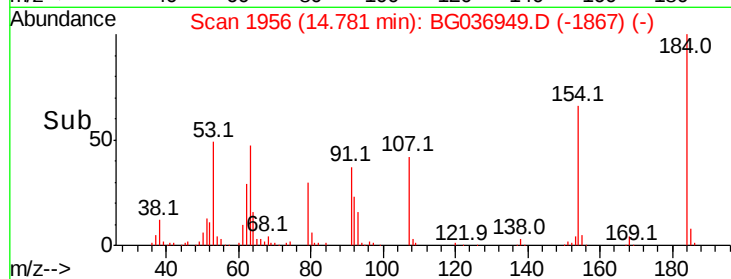
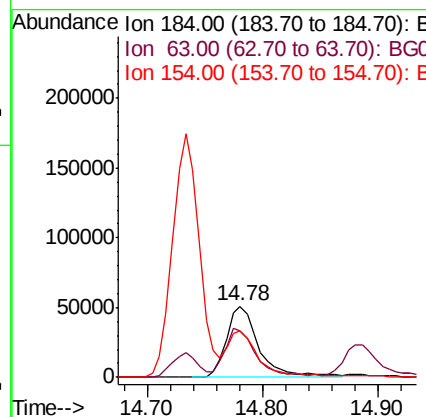
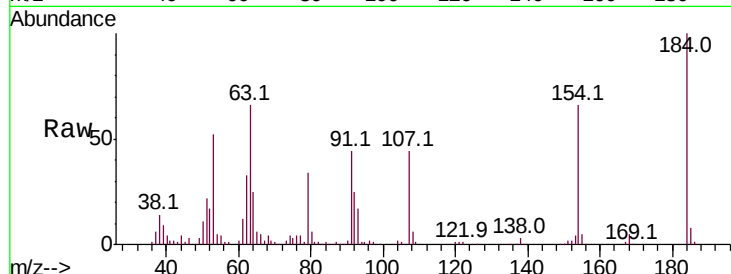




#53
 2,4-Dinitrophenol
 Concen: 99.015 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

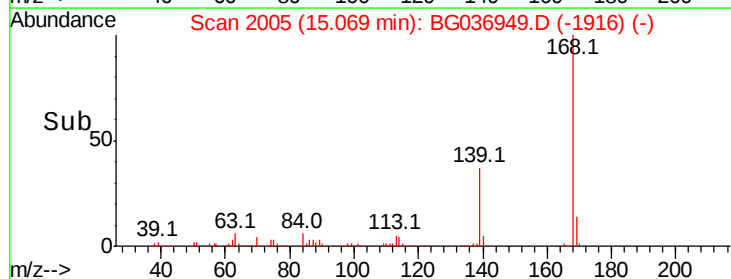
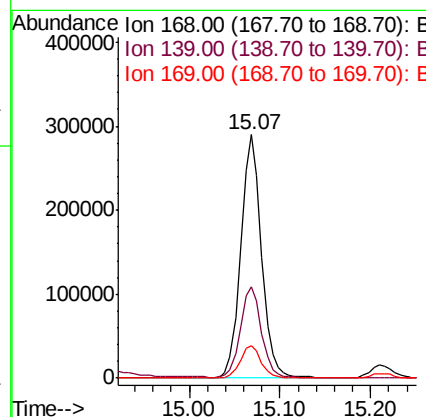
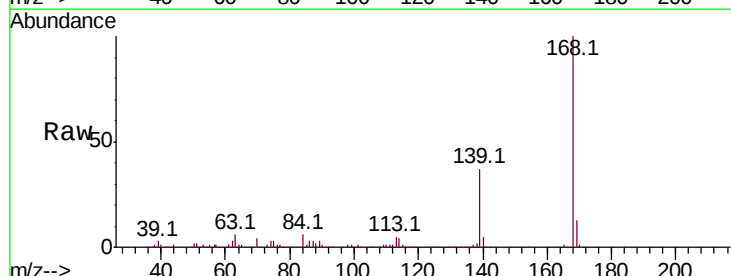
Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

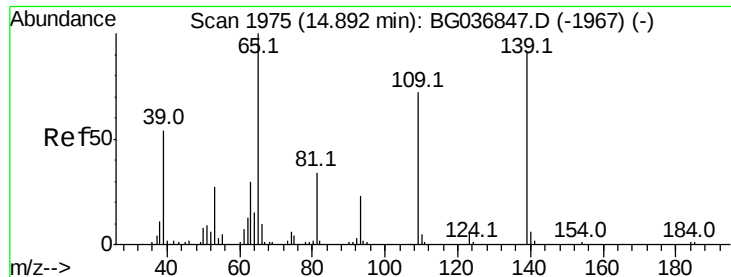
Tot Ion:184 Resp: 99593
 Ion Ratio Lower Upper
 184 100
 63 65.9 47.3 70.9
 154 65.7 51.1 76.7



#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

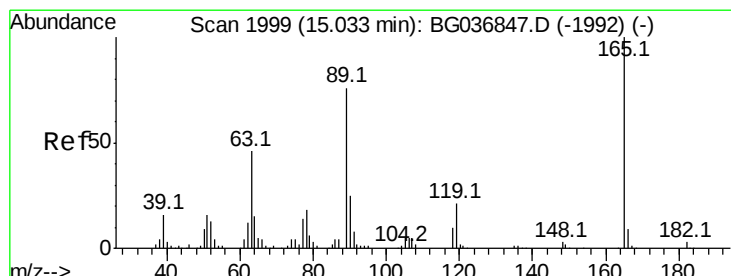
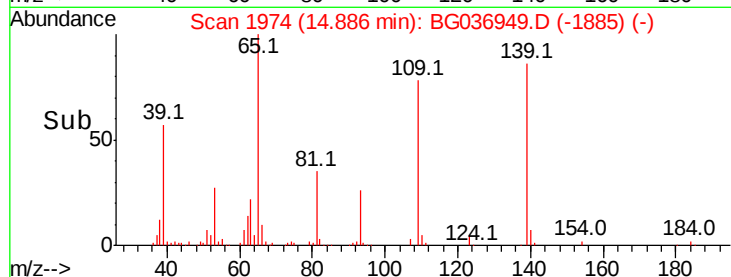
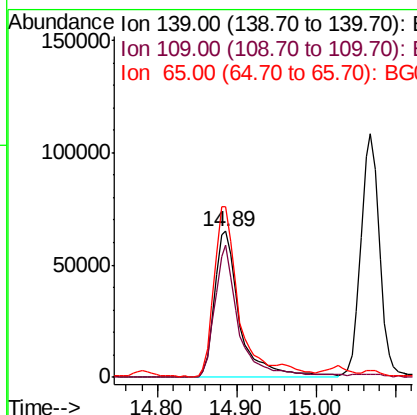
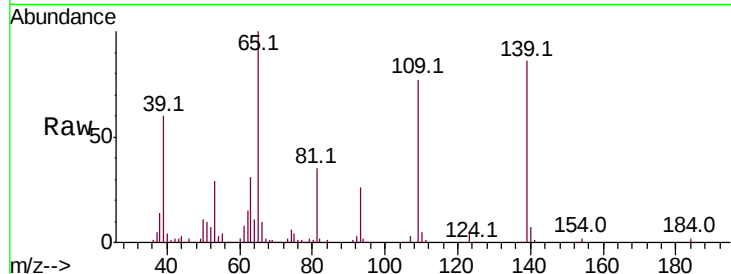




#55
4-Nitrophenol
Concen: 101.820 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

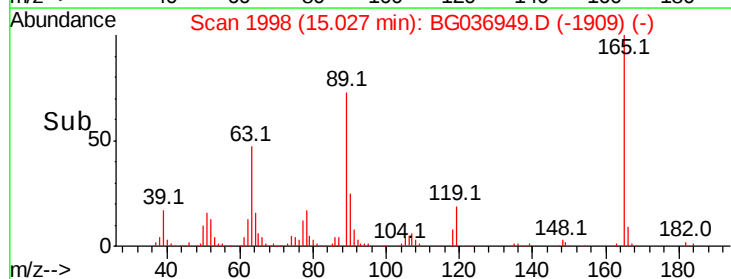
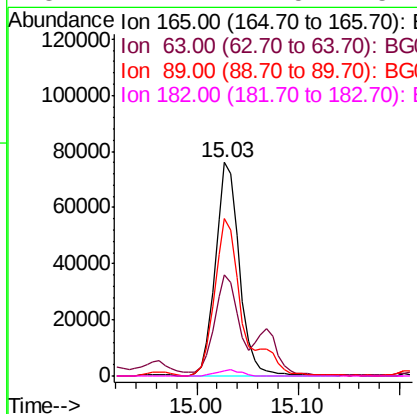
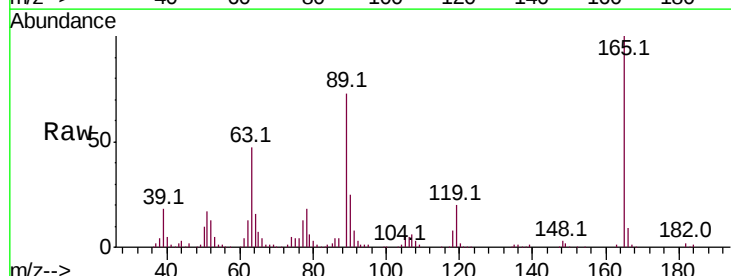
Instrument :
BNA_G
ClientSampleId :
PB113177BS

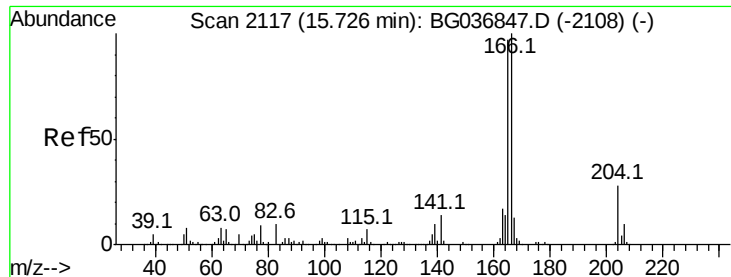
Tot Ion:139 Resp: 144182
Ion Ratio Lower Upper
139 100
109 90.2 63.9 103.9
65 116.6 90.0 130.0



#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:165 Resp: 125635
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

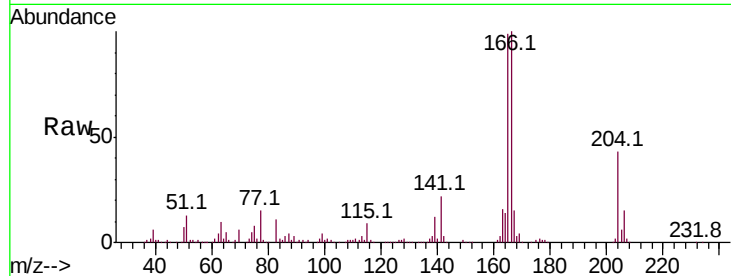
Tot Ion:166 Resp: 376703

Ion Ratio Lower Upper

166 100

165 98.9 77.0 115.4

167 14.6 10.6 16.0

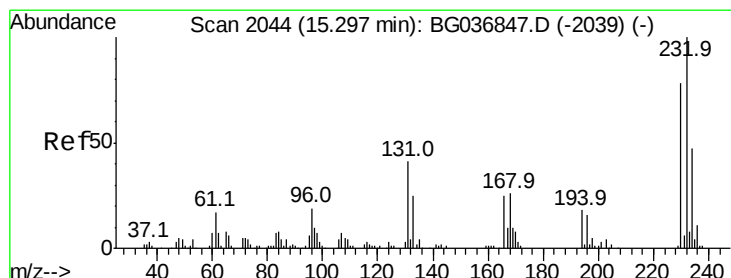
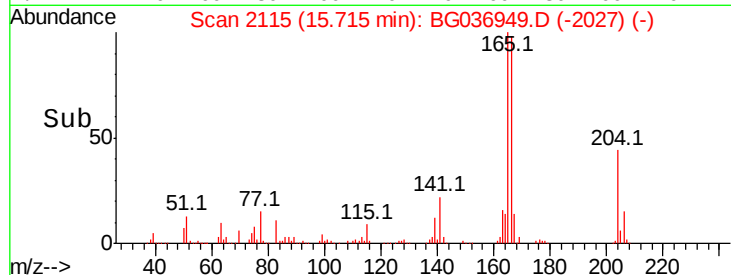
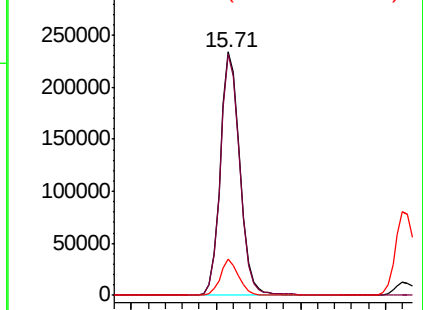


Abundance

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

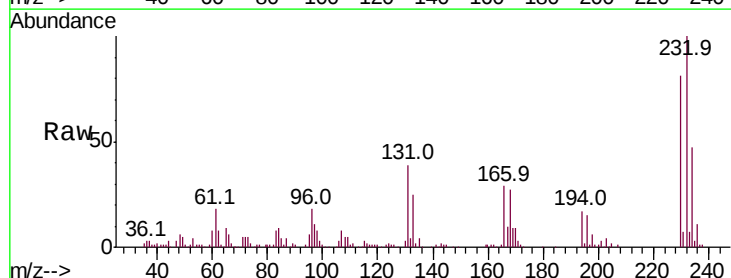
Ion Ratio Lower Upper

232 100

131 39.1 33.8 50.8

130 2.5 2.1 3.1

166 27.6 22.3 33.5



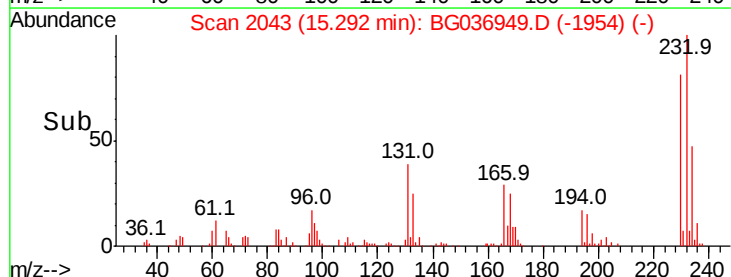
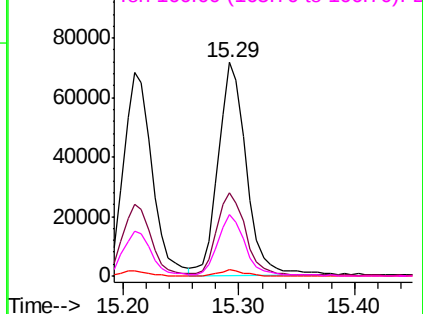
Abundance

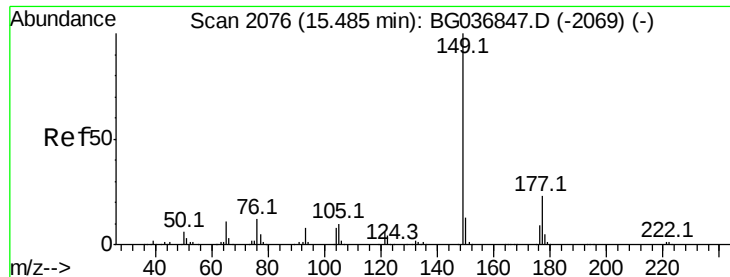
Ion 232.00 (231.70 to 232.70): E

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

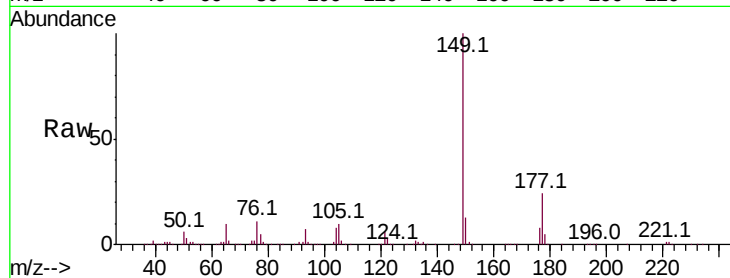
Tot Ion:149 Resp: 398813

Ion Ratio Lower Upper

149 100

177 23.6 19.1 28.7

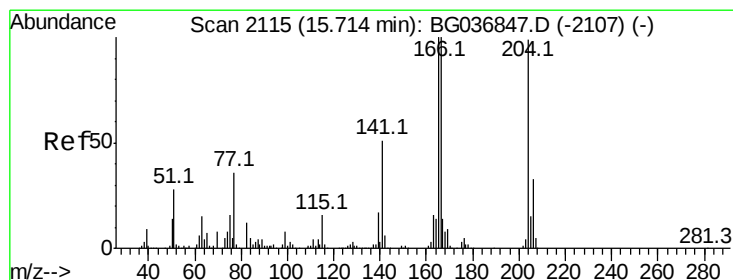
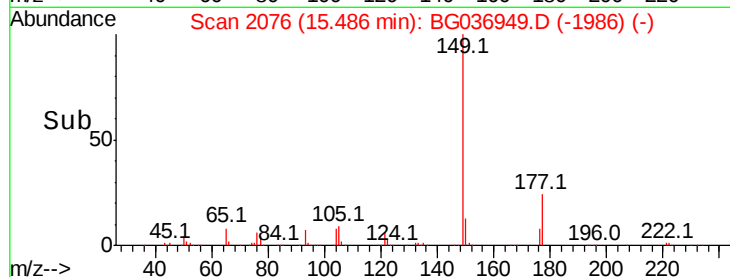
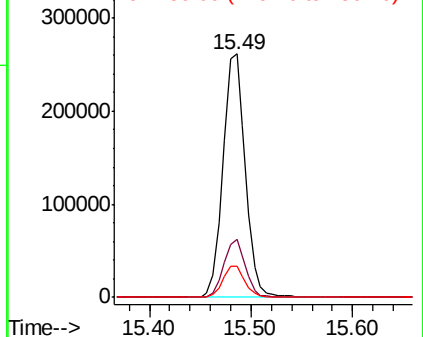
150 12.6 10.7 16.1



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

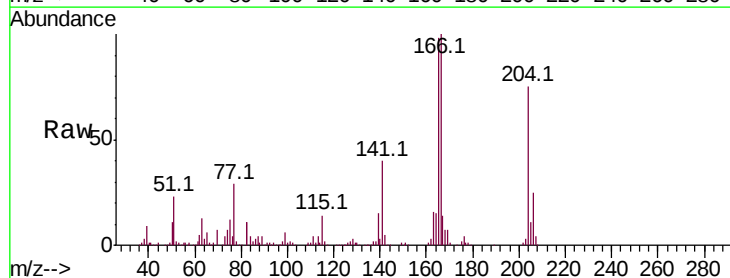
Tgt Ion:204 Resp: 209892

Ion Ratio Lower Upper

204 100

206 33.6 27.0 40.4

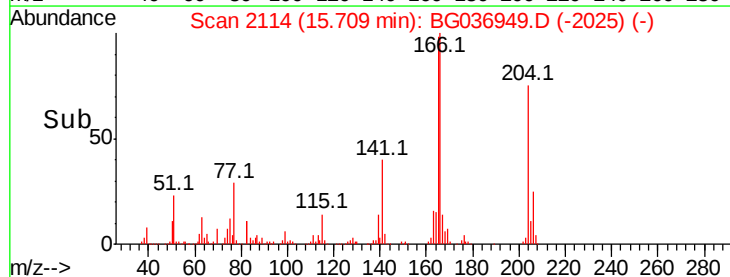
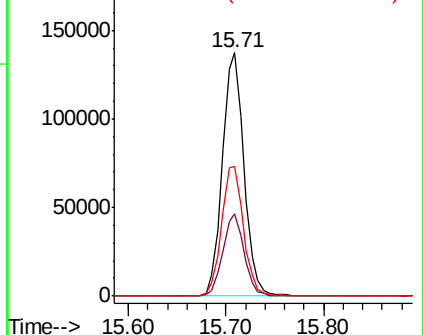
141 53.2 43.8 65.6

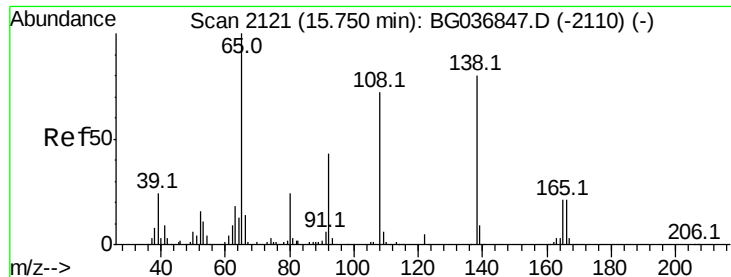


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

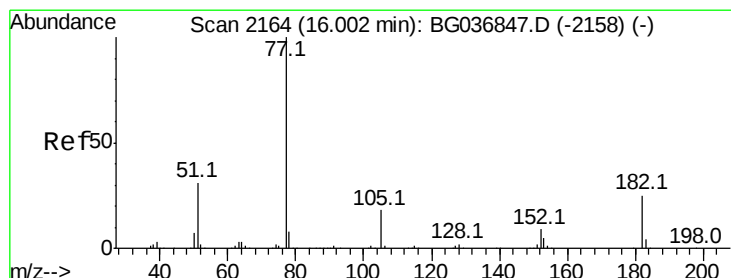
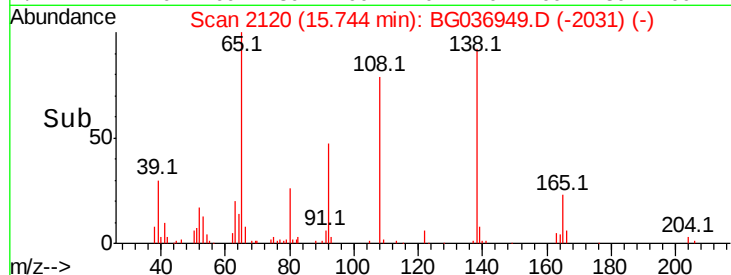
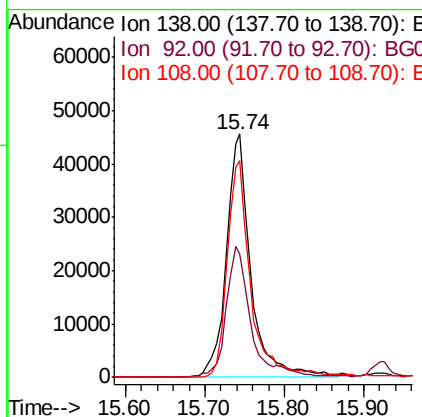
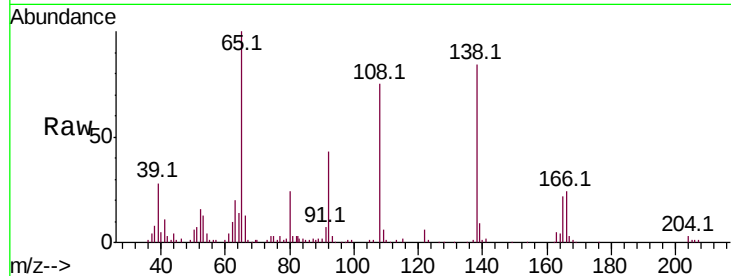




#61
4-Nitroaniline
Concen: 41.633 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

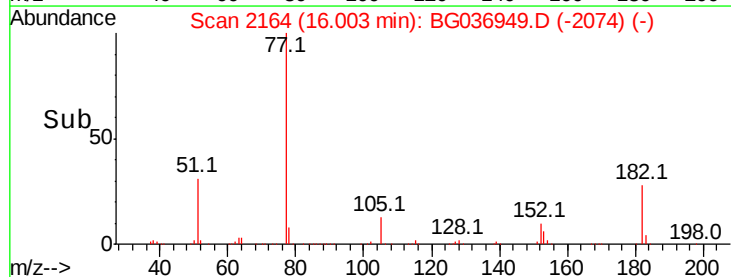
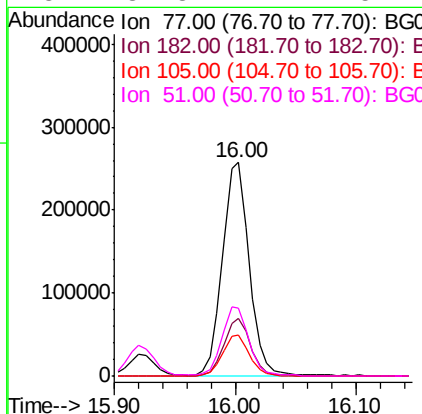
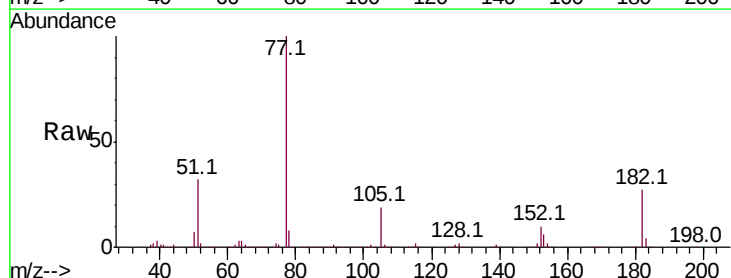
Instrument :
BNA_G
ClientSampleId :
PB113177BS

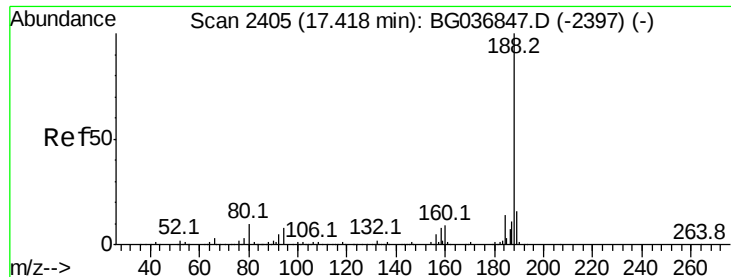
Tot Ion:138 Resp: 97071
Ion Ratio Lower Upper
138 100
92 50.8 38.5 78.5
108 89.0 70.3 110.3



#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

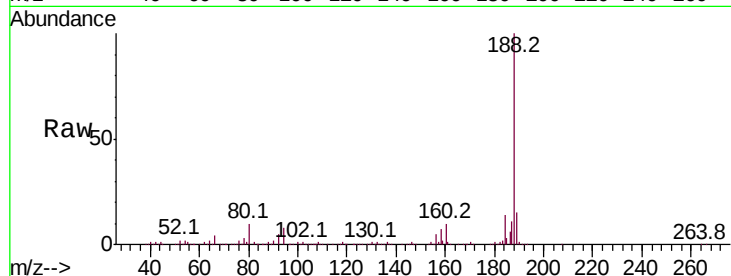
Tot Ion:188 Resp: 303377

Ion Ratio Lower Upper

188 100

94 7.7 6.7 10.1

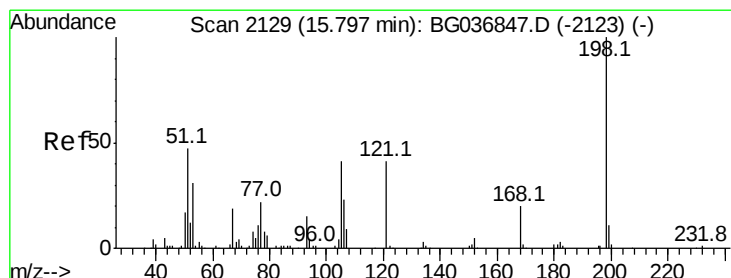
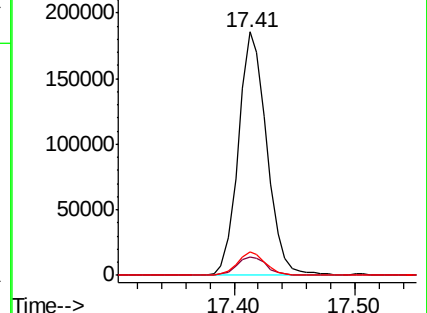
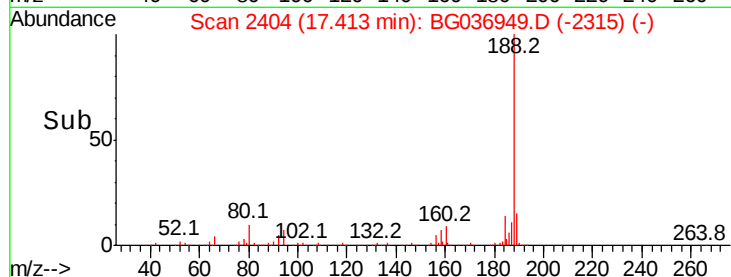
80 9.9 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

250000 Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#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

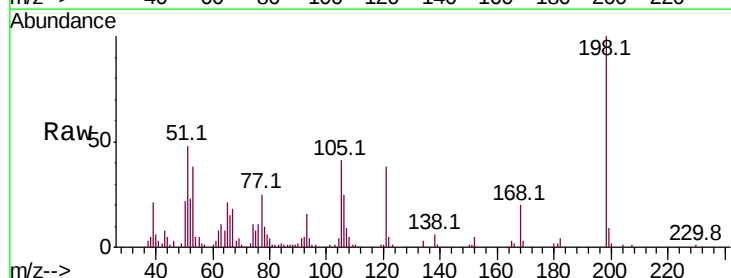
Tgt Ion:198 Resp: 74845

Ion Ratio Lower Upper

198 100

51 48.0 26.5 66.5

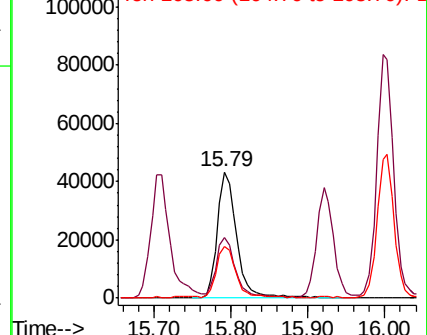
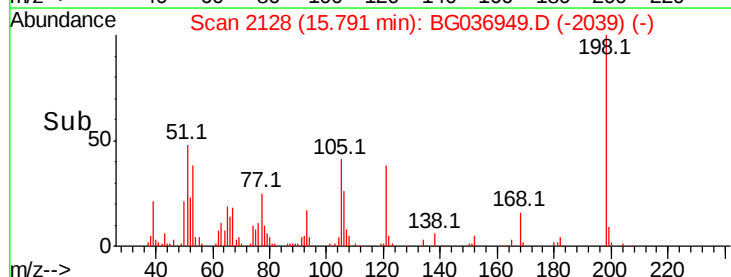
105 40.5 20.2 60.2

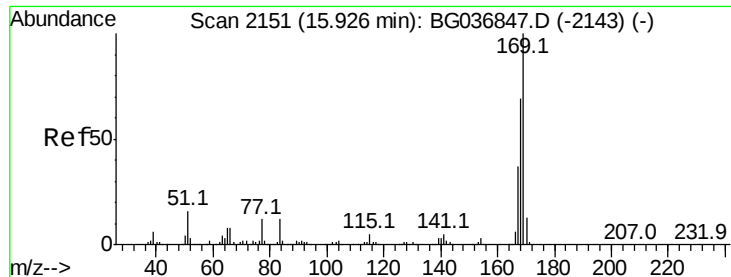


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

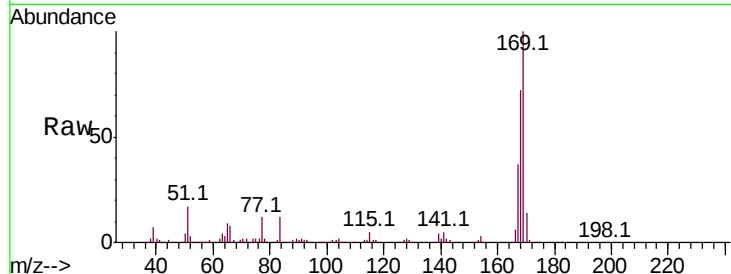




#65
 n-Nitrosodiphenylamine
 Concen: 41.012 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

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

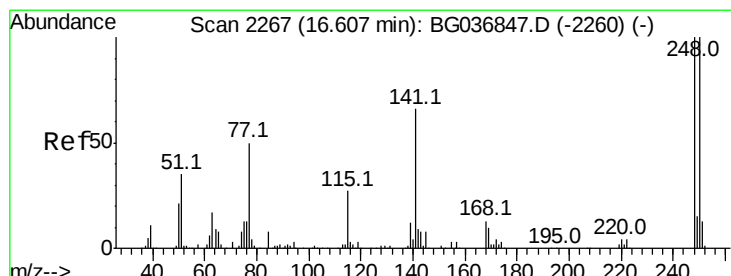
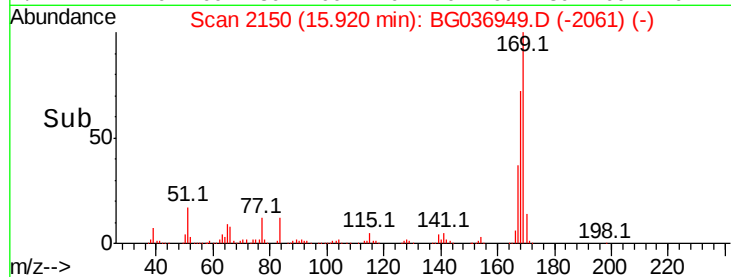
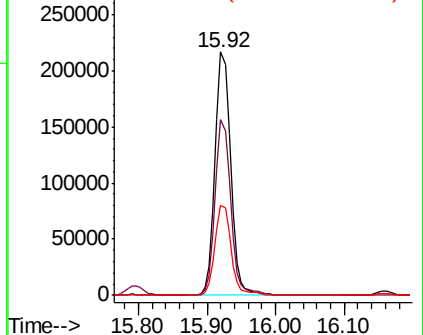


Abundance

Ion 169.00 (168.70 to 169.70): E

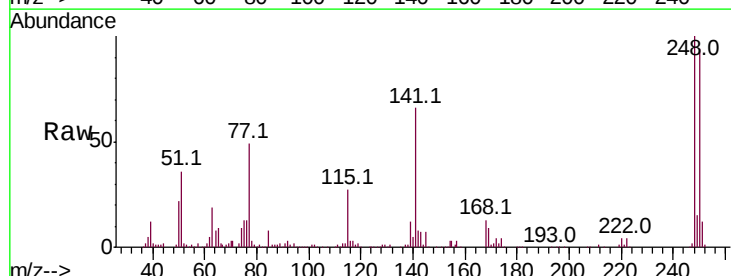
Ion 168.00 (167.70 to 168.70): E

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

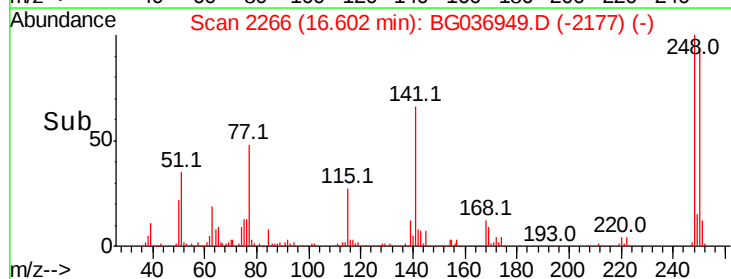
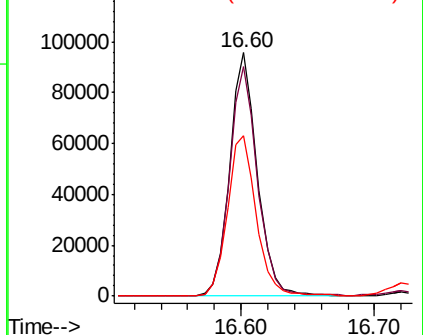


Abundance

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

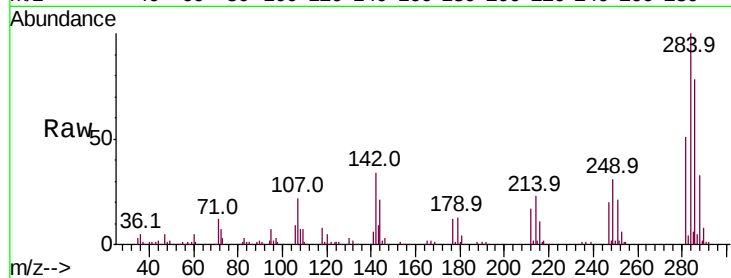




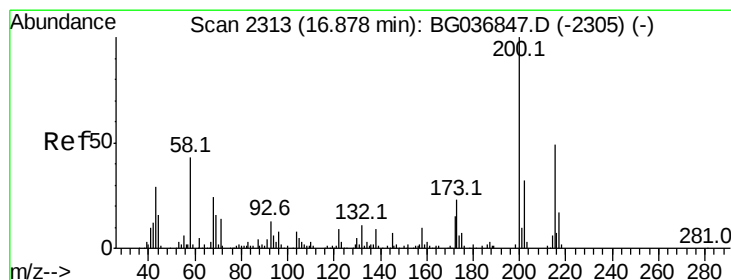
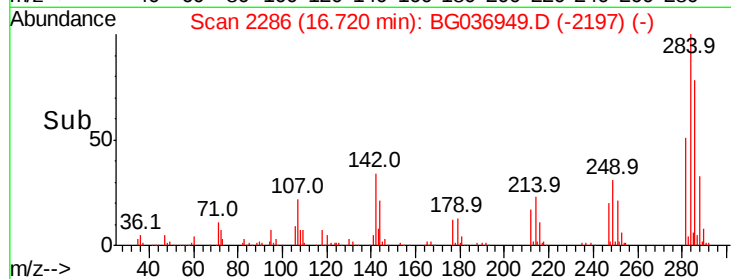
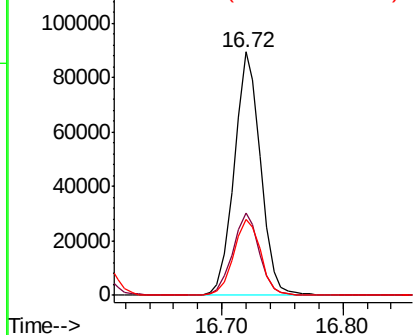
#67
Hexachlorobenzene
Concen: 38.173 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

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

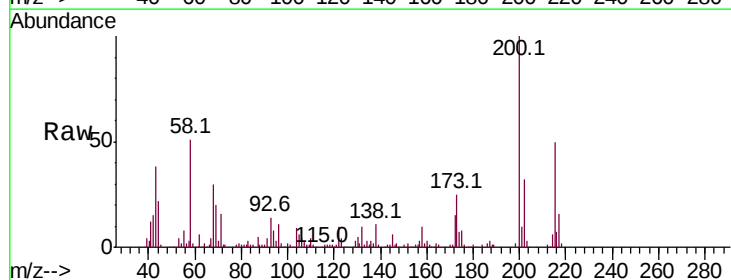


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

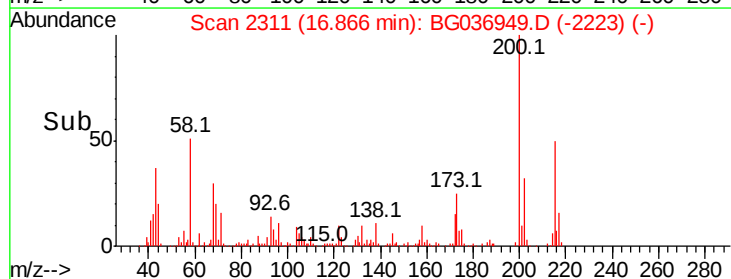
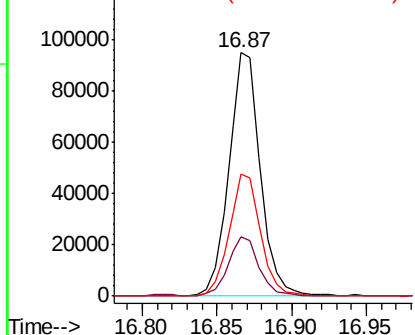


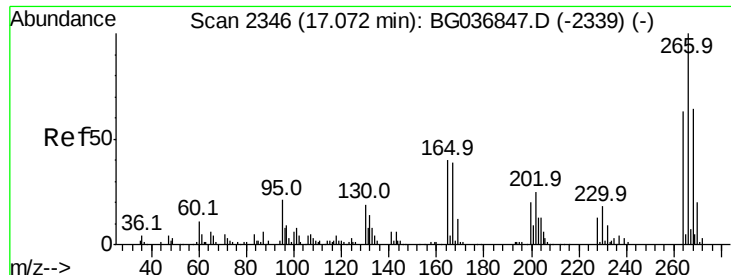
#68
Atrazine
Concen: 41.078 ng
RT: 16.87 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

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



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 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

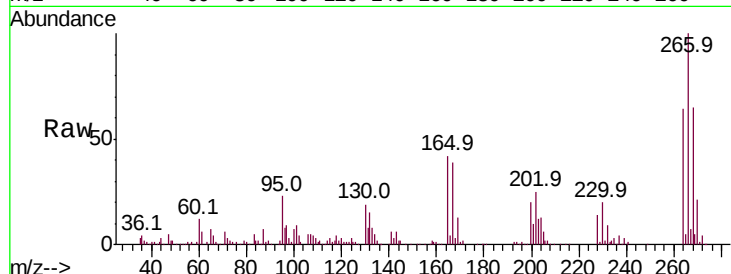
Tot Ion:266 Resp: 174053

Ion Ratio Lower Upper

266 100

268 64.6 51.4 77.2

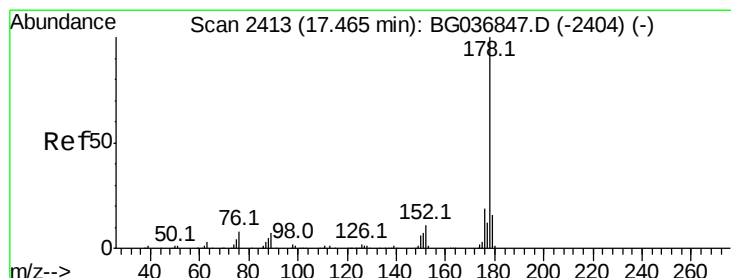
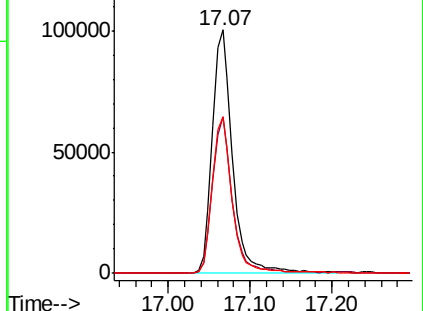
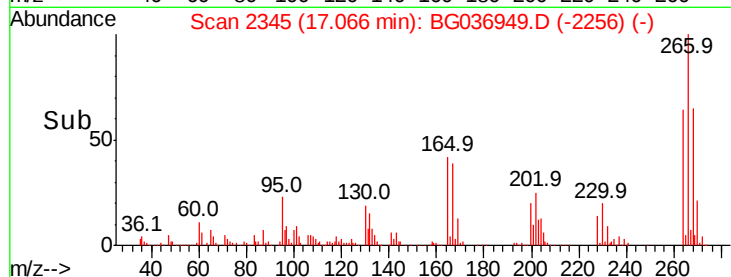
264 64.4 48.9 73.3



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

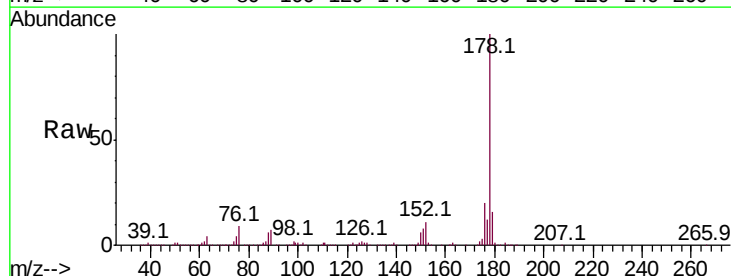
Tgt Ion:178 Resp: 625273

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

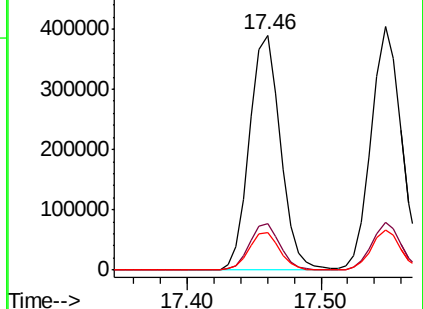
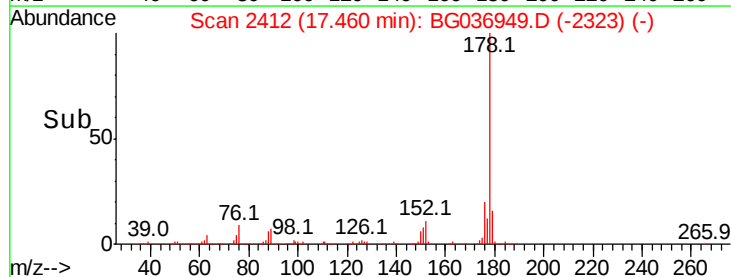
179 15.7 13.4 20.2

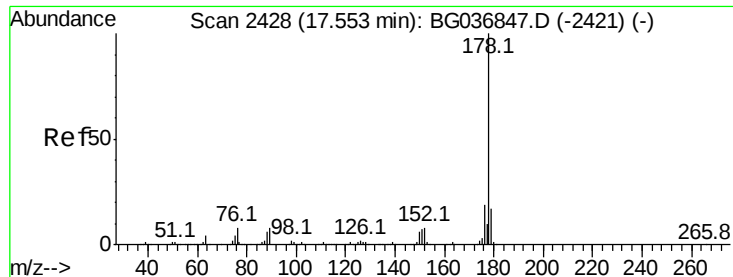


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

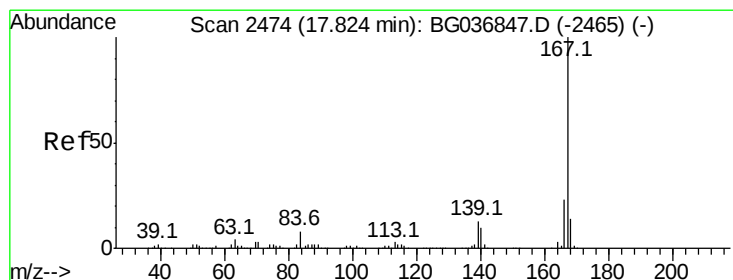
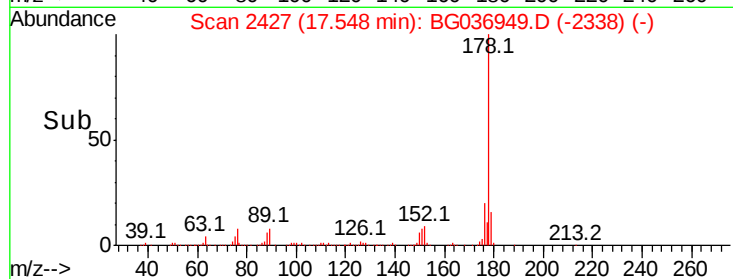
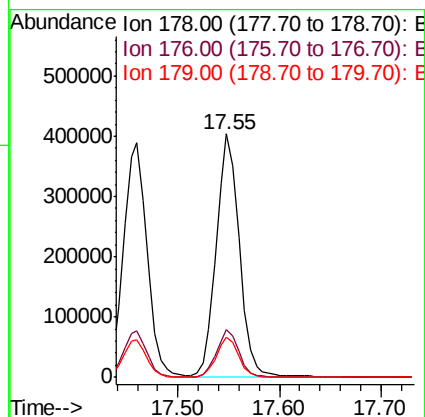
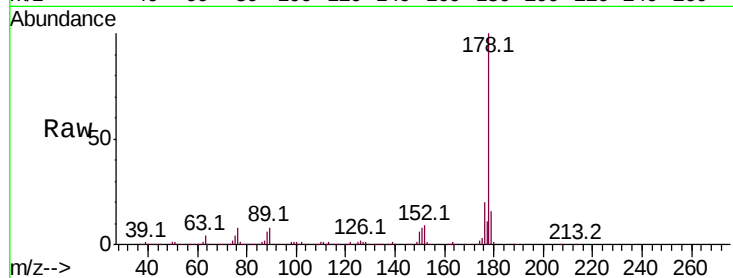




#71
 Anthracene
 Concen: 44.191 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

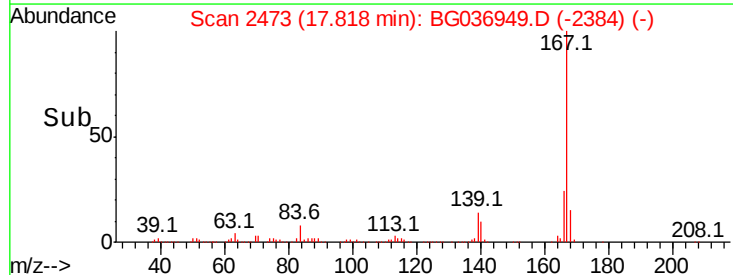
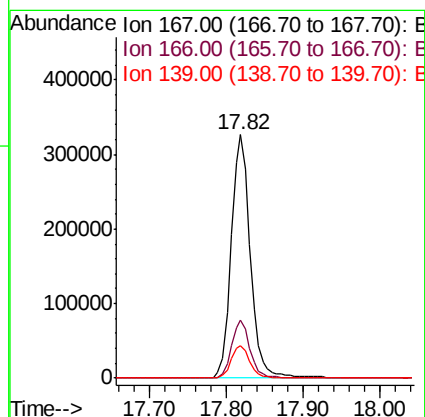
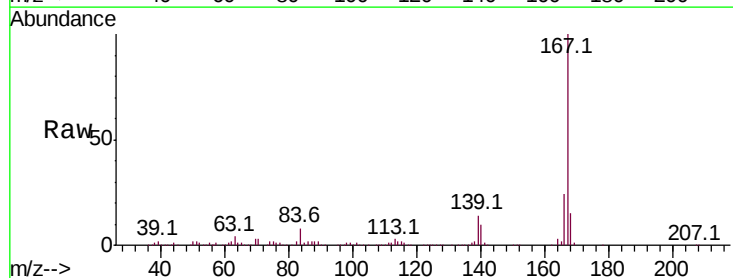
Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

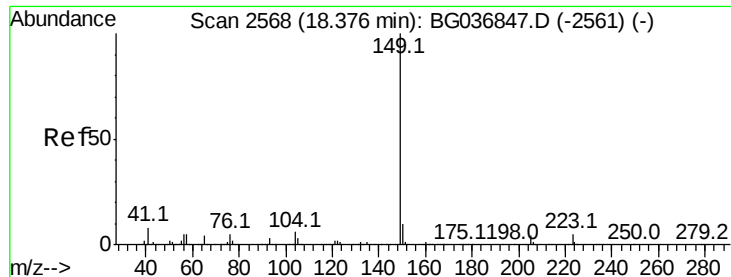
Tot Ion:178 Resp: 638825
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 16.4 13.0 19.4



#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

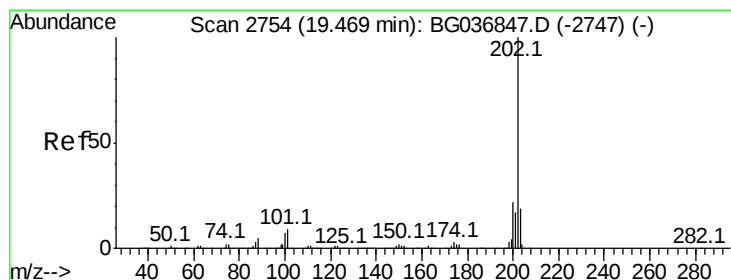
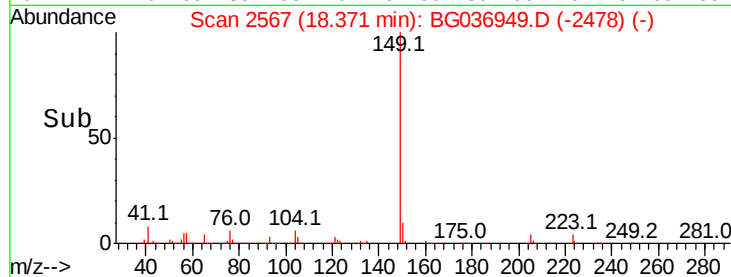
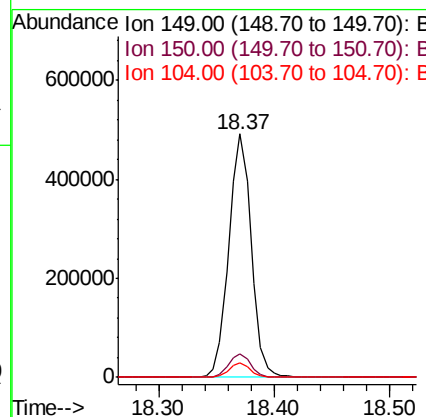
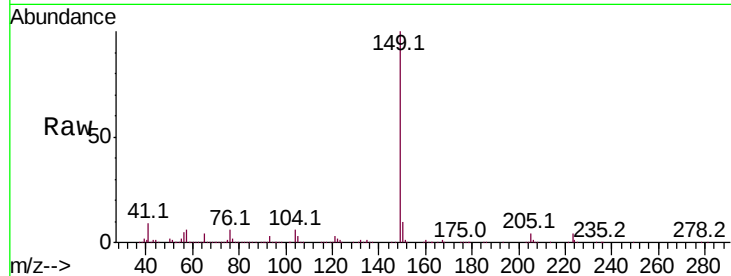




#73
Di-n-butylphthalate
Concen: 42.288 ng
RT: 18.37 min Scan# 2567
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

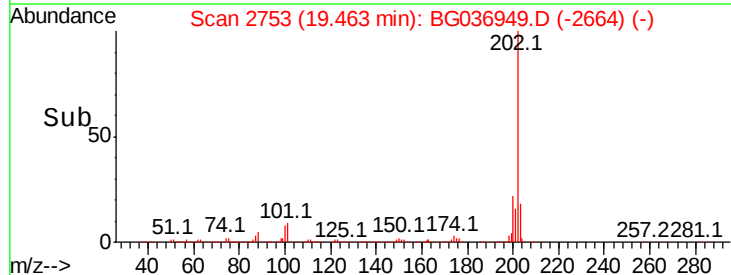
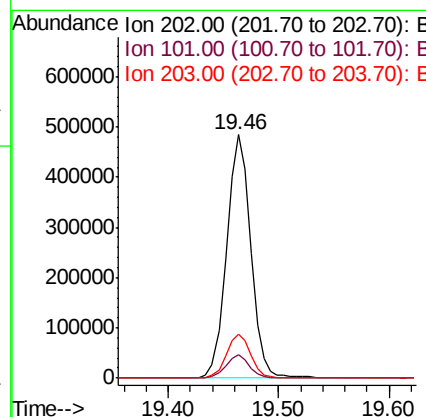
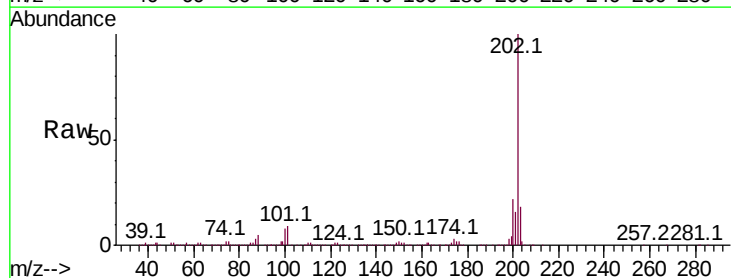
Instrument :
BNA_G
ClientSampleId :
PB113177BS

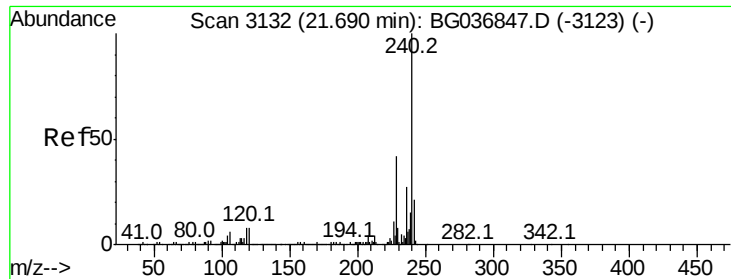
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	6.0	4.6	6.8



#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

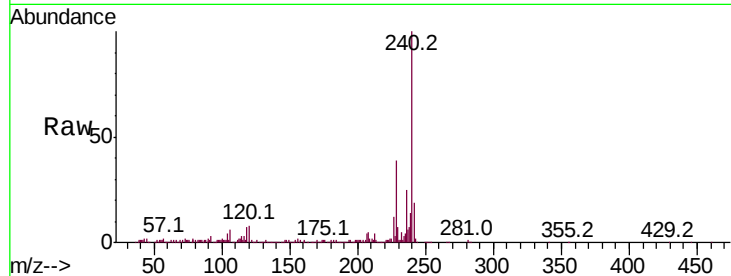
Tot Ion:240 Resp: 290233

Ion Ratio Lower Upper

240 100

120 7.7 6.9 10.3

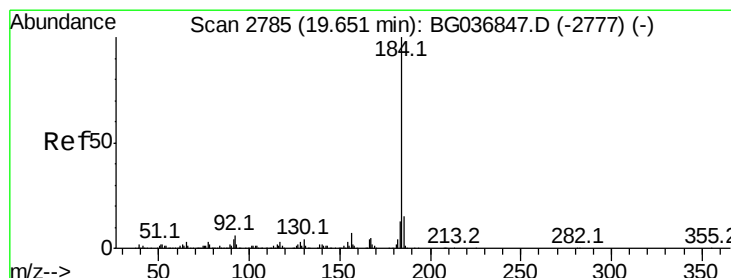
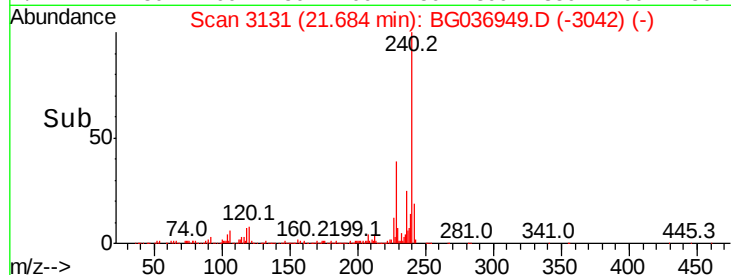
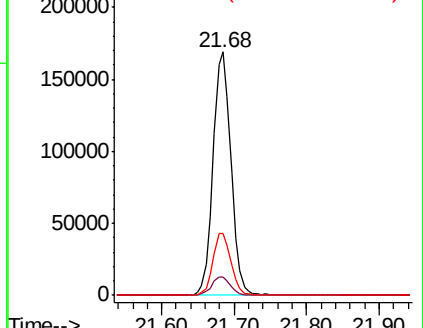
236 25.5 21.2 31.8



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

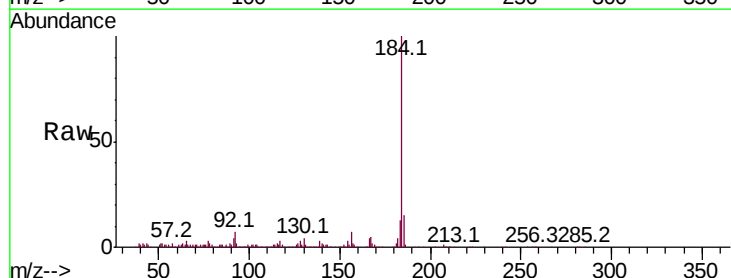
Tgt Ion:184 Resp: 379295

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

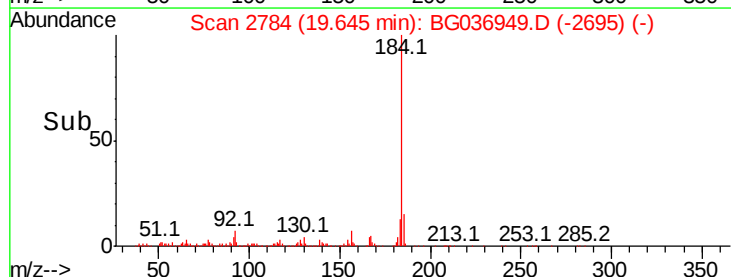
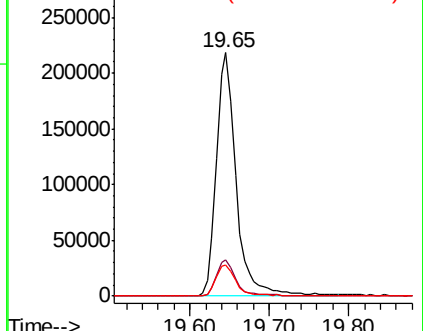
183 13.0 10.9 16.3

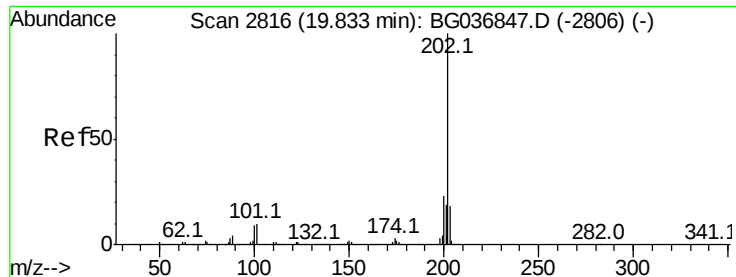


Abundance Ion 184.00 (183.70 to 184.70): E

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

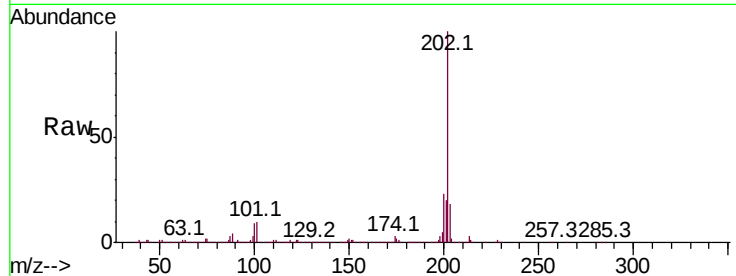
Tot Ion:202 Resp: 721252

Ion Ratio Lower Upper

202 100

200 23.1 18.3 27.5

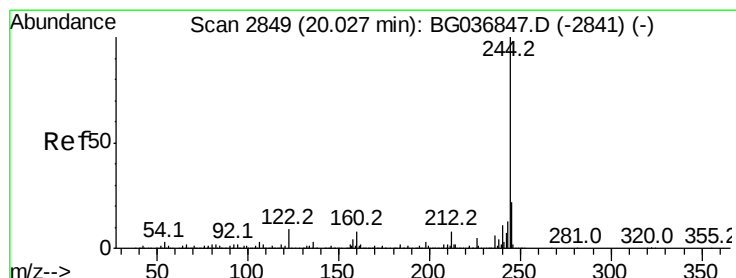
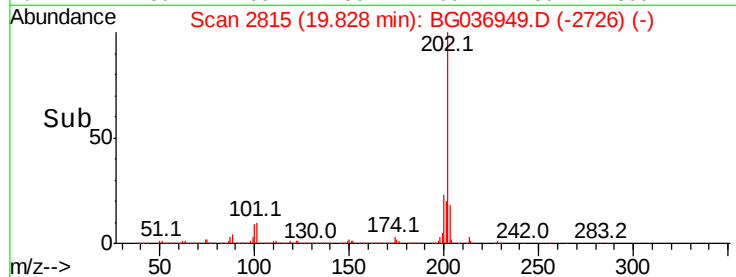
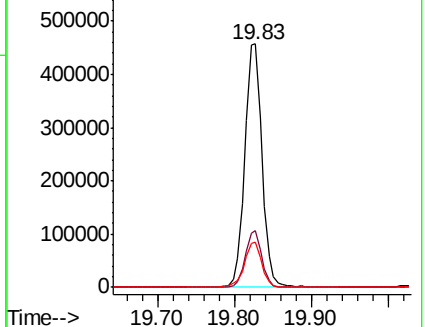
203 18.4 15.1 22.7



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

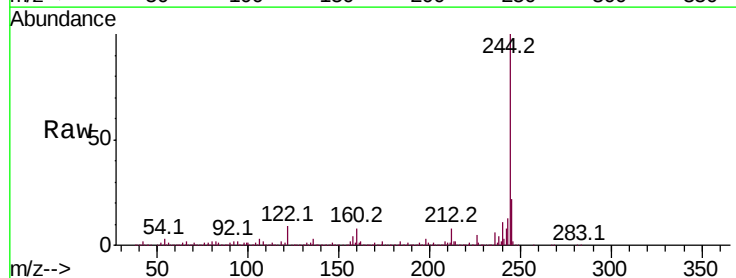
Tgt Ion:244 Resp: 914869

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

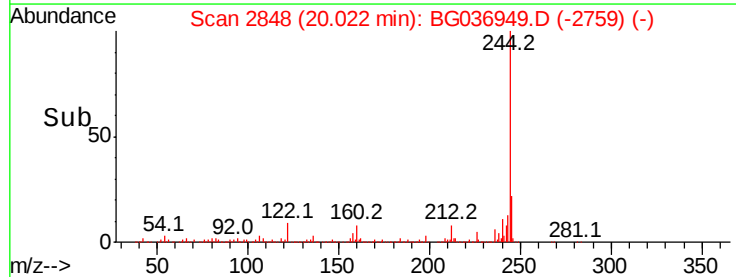
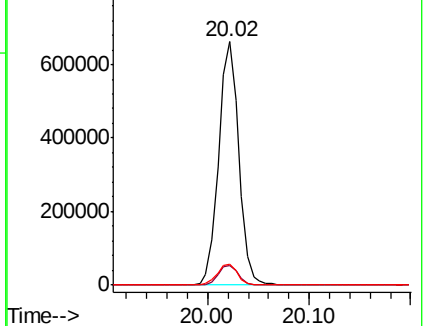
122 8.7 7.1 10.7

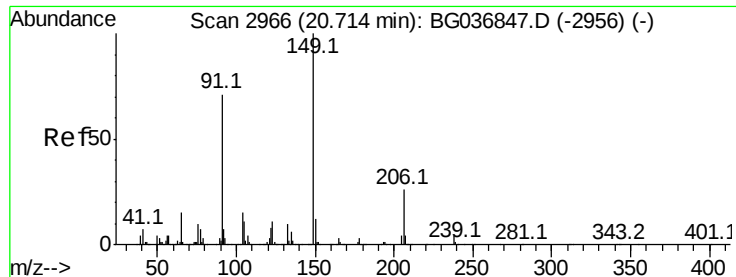


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

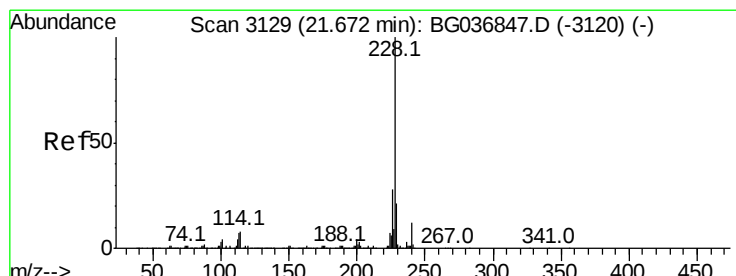
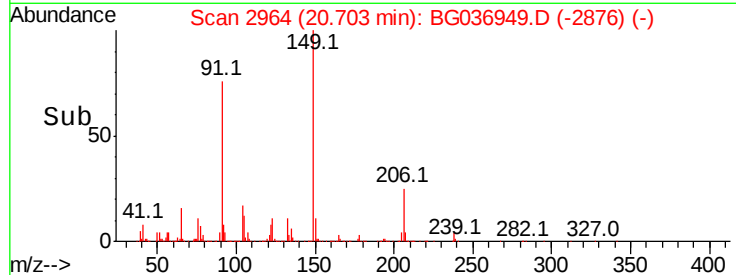
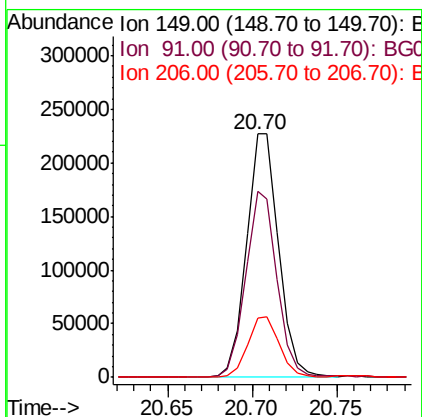
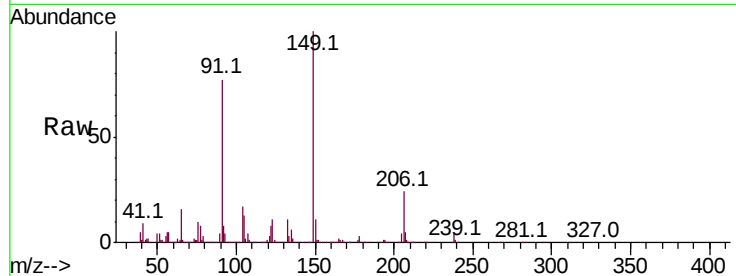




#79
Butylbenzylphthalate
Concen: 43.065 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG036949.D
Acq: 25 Sep 2018 15:05

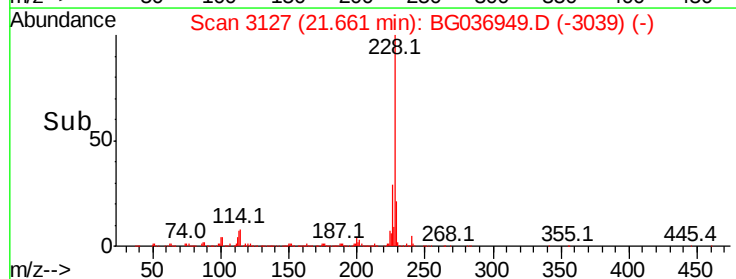
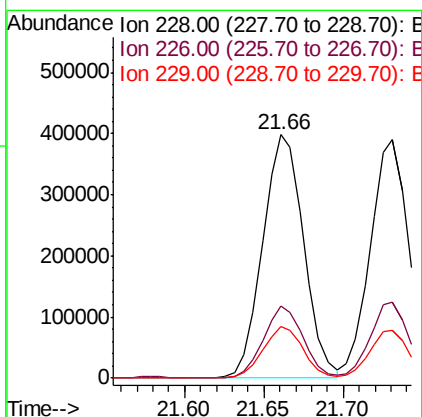
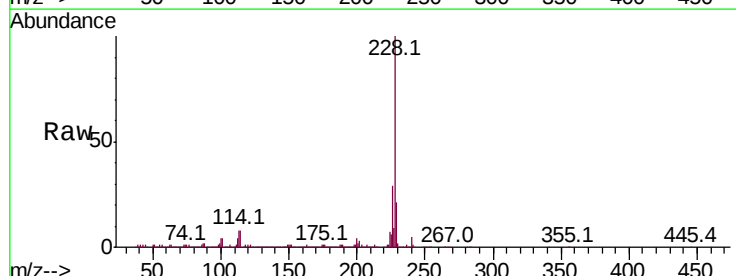
Instrument :
BNA_G
ClientSampleId :
PB113177BS

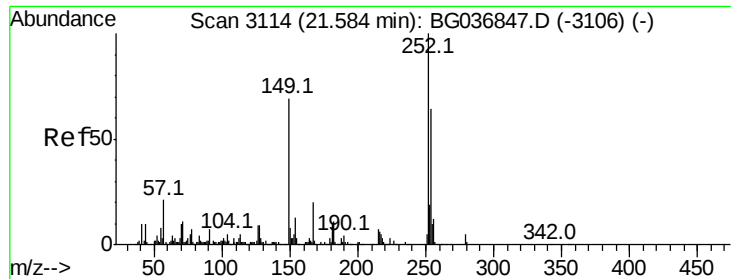
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.6	62.0	93.0
206	24.5	19.6	29.4



#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

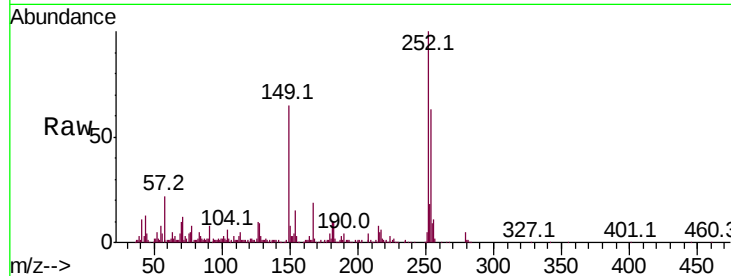




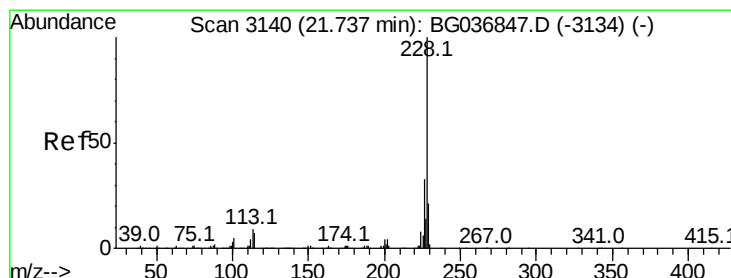
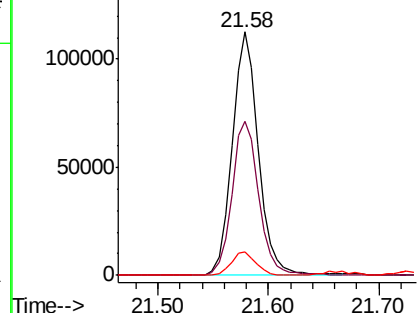
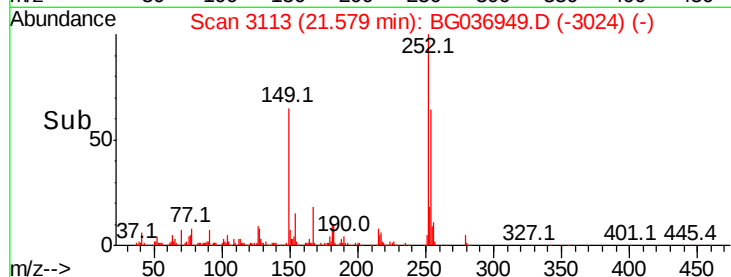
#81
 3,3'-Dichlorobenzidine
 Concen: 28.930 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

Tot Ion:252 Resp: 186568
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.0 76.4
 126 9.6 7.4 11.0

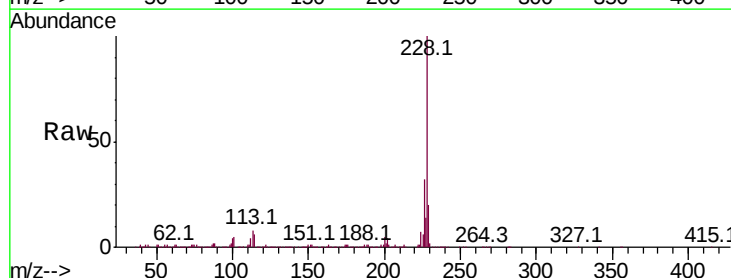


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

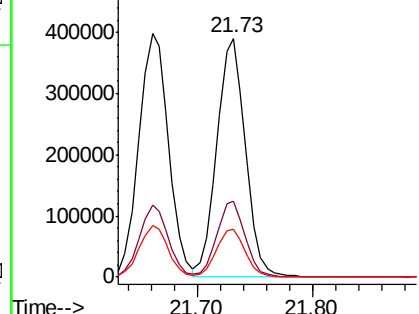
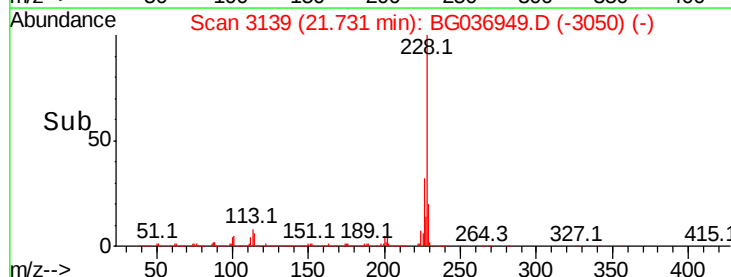


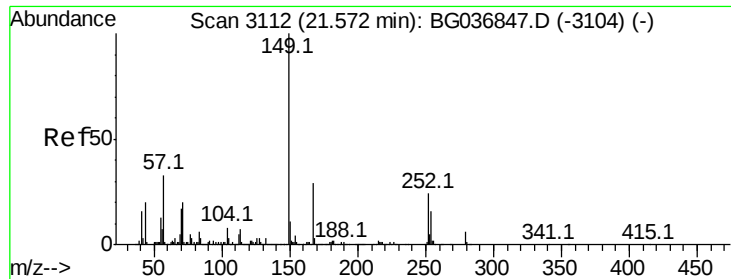
#82
 Chrysene
 Concen: 40.577 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Tgt Ion:228 Resp: 664227
 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

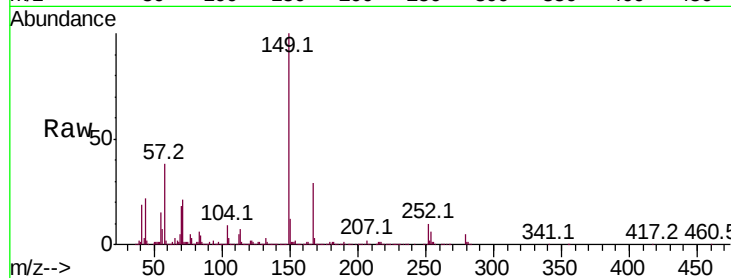




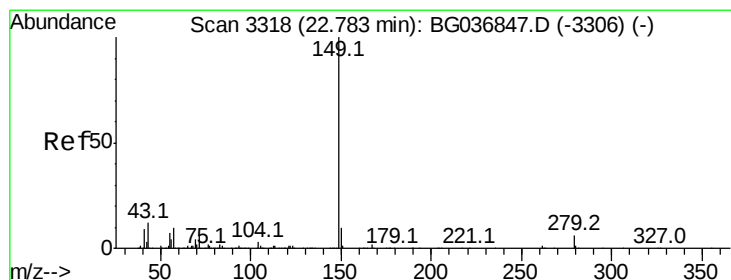
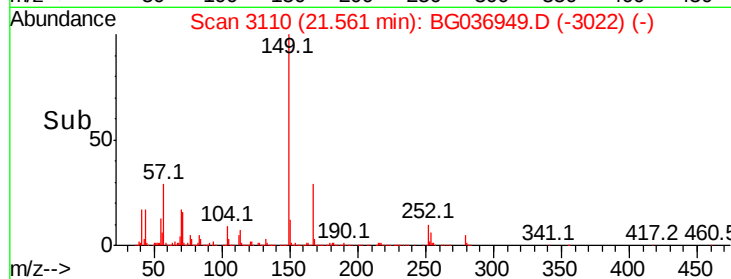
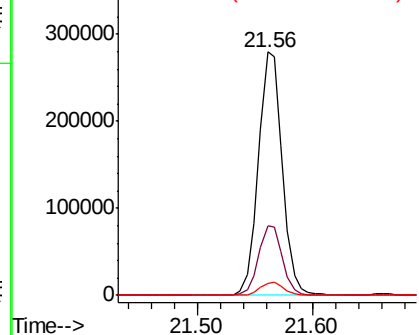
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.426 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Instrument :
 BNA_G
 ClientSampleId :
 PB113177BS

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

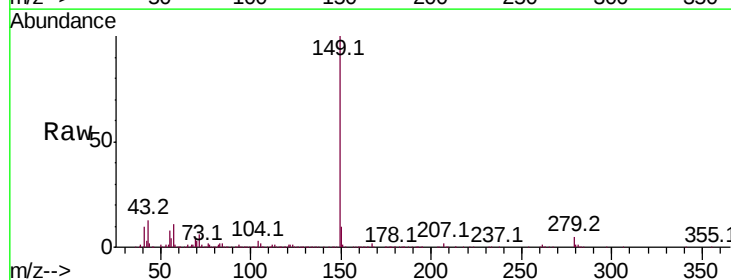


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

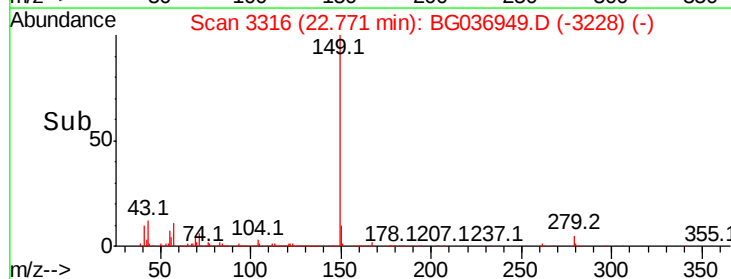
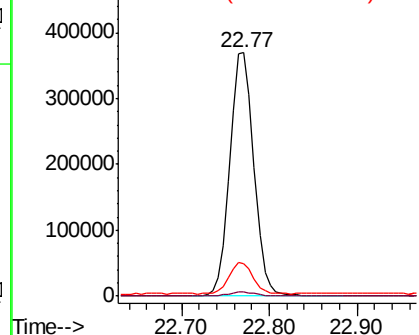


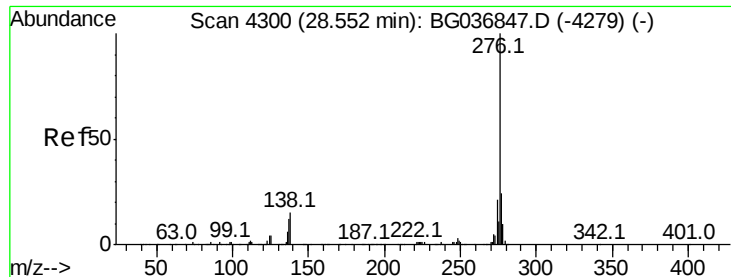
#84
 Di-n-octyl phthalate
 Concen: 43.562 ng
 RT: 22.77 min Scan# 3316
 Delta R.T. -0.01 min
 Lab File: BG036949.D
 Acq: 25 Sep 2018 15:05

Tgt Ion	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

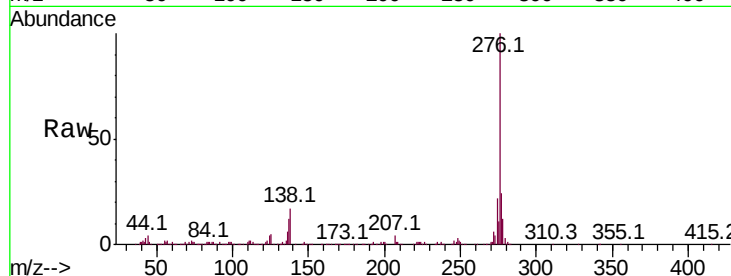
Tot Ion:276 Resp: 787137

Ion Ratio Lower Upper

276 100

138 19.7 10.6 15.8#

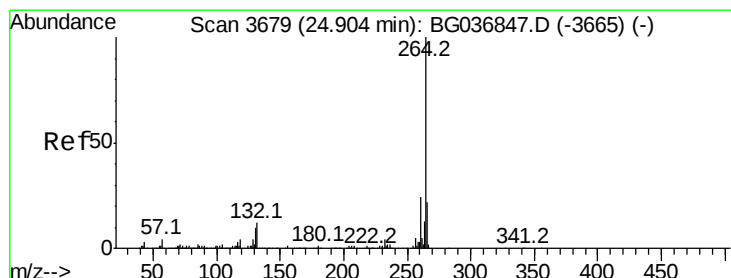
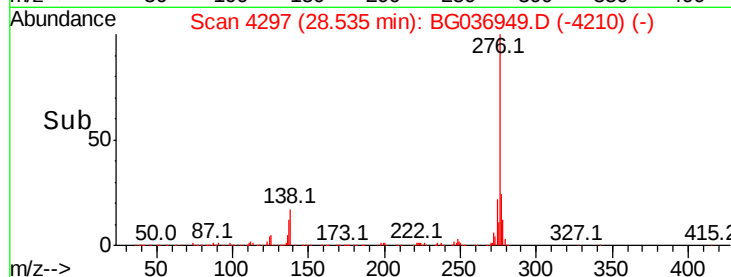
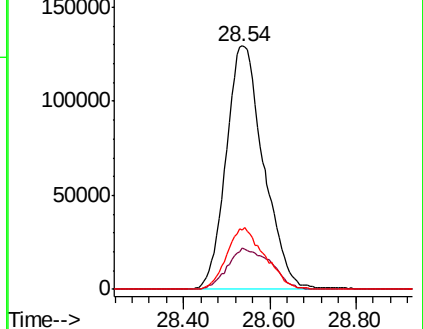
277 25.8 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036949.D

Acq: 25 Sep 2018 15:05

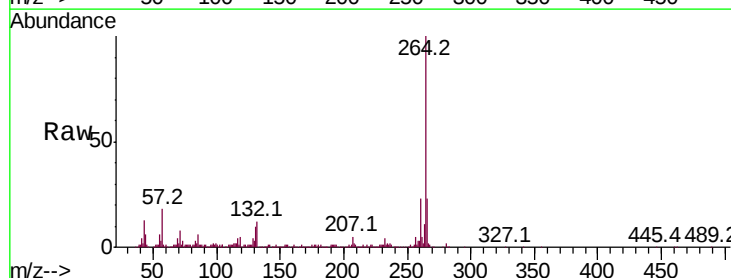
Tgt Ion:264 Resp: 292591

Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

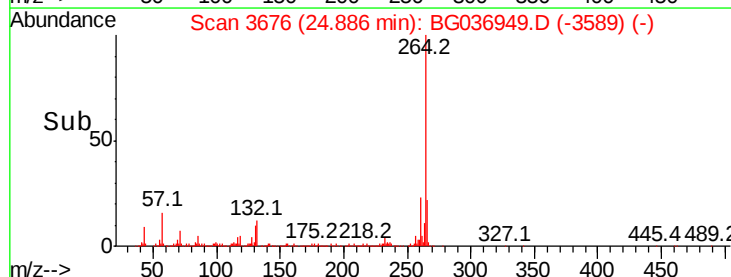
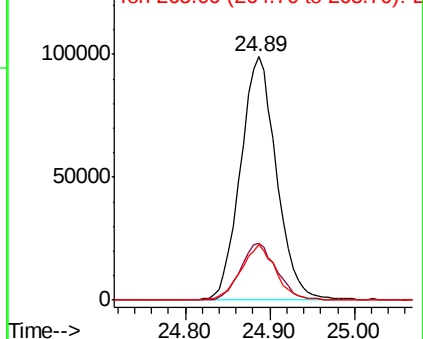
265 22.6 17.4 26.0

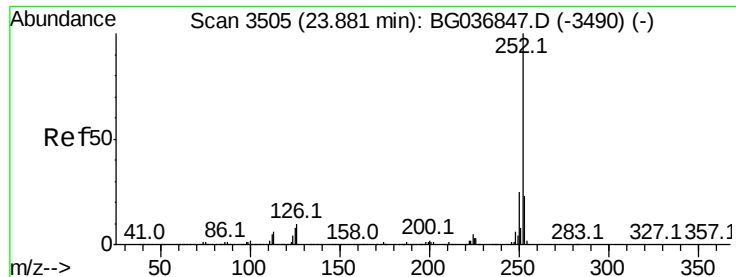


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 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

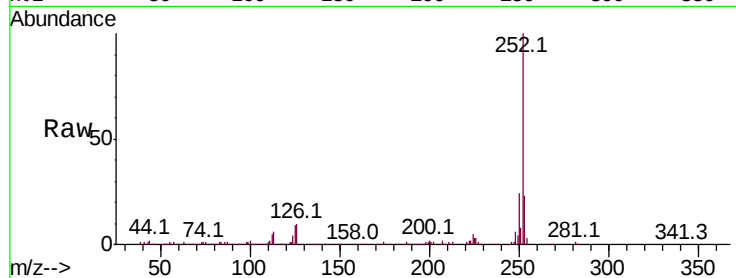
Tot Ion:252 Resp: 680894

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

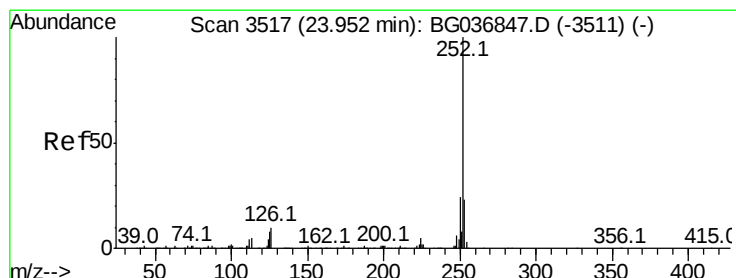
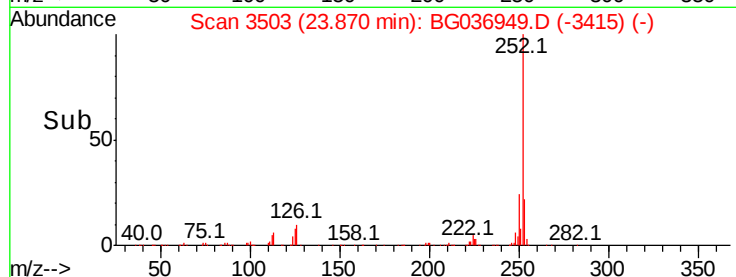
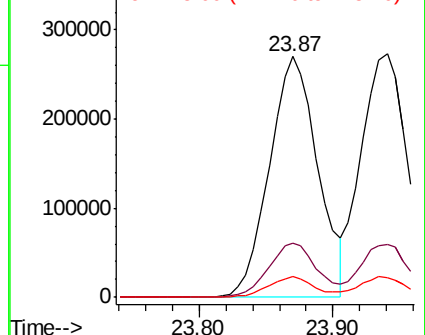
125 8.5 6.6 10.0



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

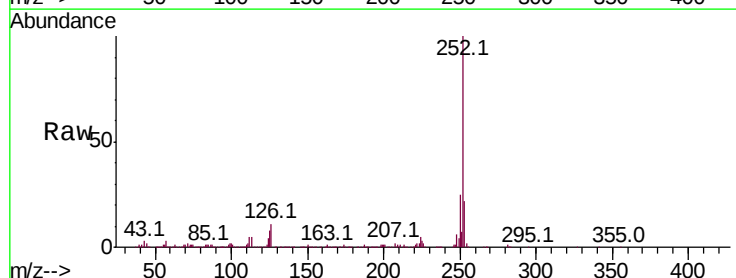
Tgt Ion:252 Resp: 664276

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

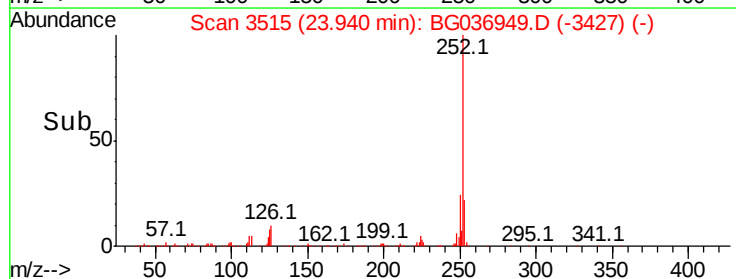
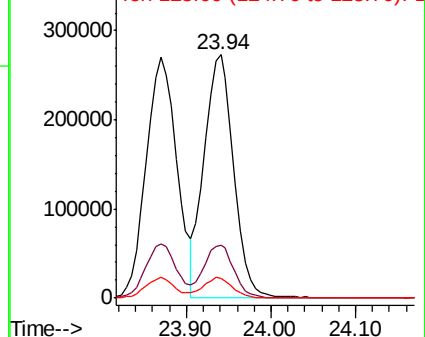
125 8.0 7.0 10.6

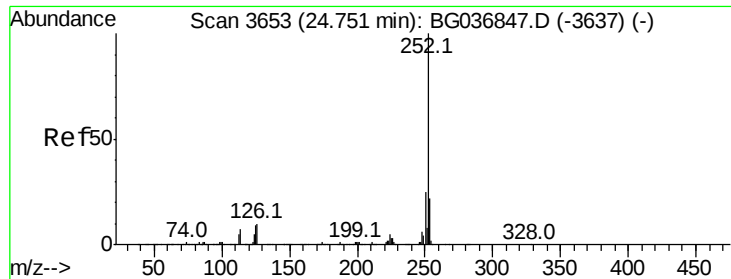


Abundance Ion 252.00 (251.70 to 252.70): E

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

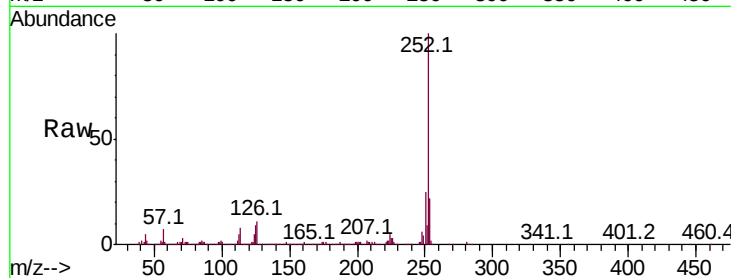
Tot Ion:252 Resp: 654287

Ion Ratio Lower Upper

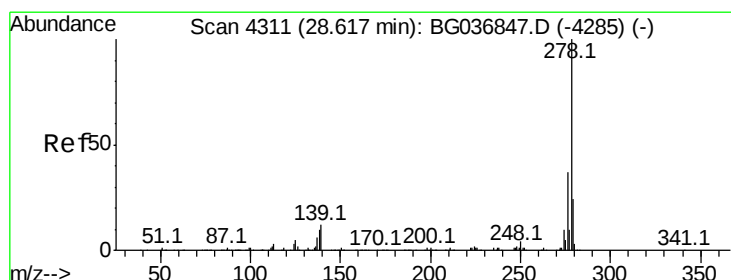
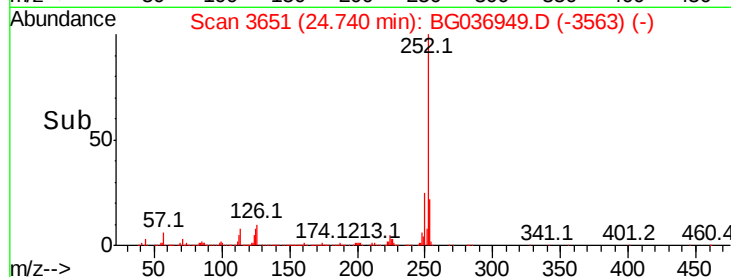
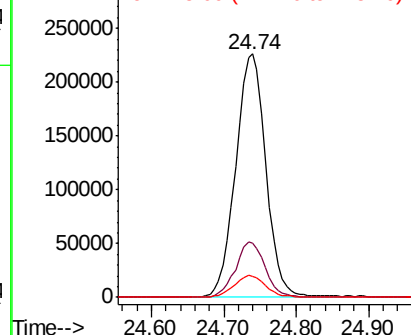
252 100

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

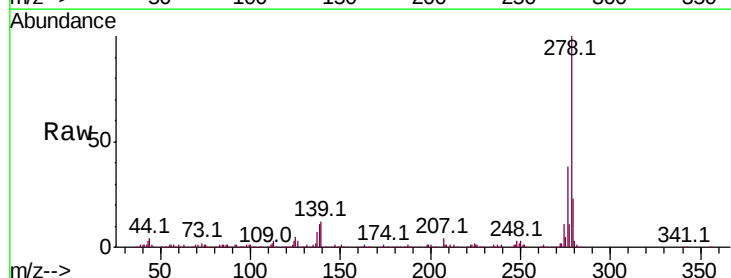
Tgt Ion:278 Resp: 646112

Ion Ratio Lower Upper

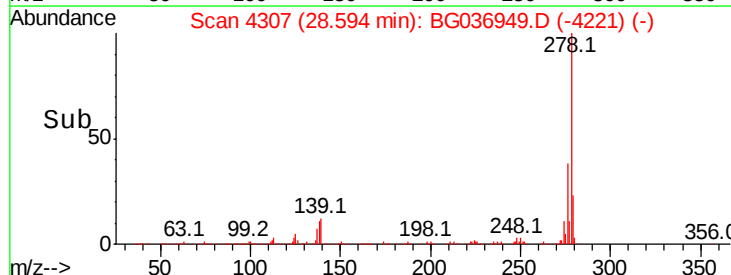
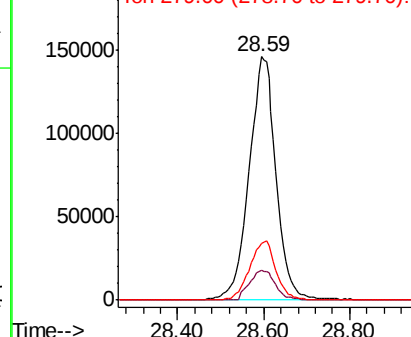
278 100

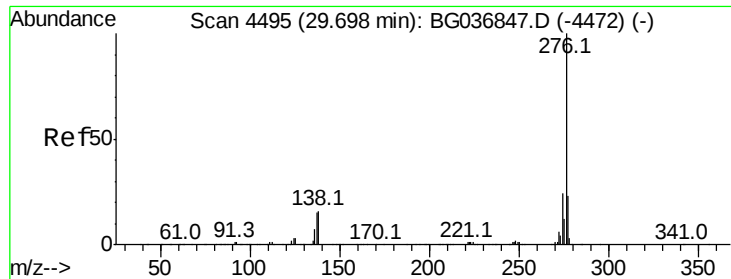
139 12.4 11.0 16.4

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

