

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092418\
 Data File : BG036932.D
 Acq On : 25 Sep 2018 00:20
 Operator : JU/SJ
 Sample : PB113130BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113130BS

Quant Time: Sep 25 06:10:38 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	37992	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	171857	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	116357	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	304595	20.00	ng	0.00
75) Chrysene-d12	21.69	240	309362	20.00	ng	0.00
86) Perylene-d12	24.89	264	324296	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	301148	152.02	ng	0.00
7) Phenol-d6	7.21	99	421916	137.66	ng	0.00
23) Nitrobenzene-d5	9.21	82	266123	82.92	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	188872	135.67	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	634628	81.23	ng	0.00
78) Terphenyl-d14	20.02	244	1142616	97.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	34050	37.562	ng	92
3) Pyridine	3.91	79	96434	36.843	ng	96
4) n-Nitrosodimethylamine	3.83	42	59589	51.223	ng	# 97
6) Aniline	7.37	93	130937	32.923	ng	97
8) 2-Chlorophenol	7.61	128	111884	48.640	ng	92
9) Benzaldehyde	7.18	77	72722	35.907	ng	94
10) Phenol	7.23	94	156880	49.595	ng	92
11) bis(2-Chloroethyl)ether	7.47	93	110729	37.843	ng	97
12) 1,3-Dichlorobenzene	7.93	146	113014	40.075	ng	94
13) 1,4-Dichlorobenzene	8.08	146	114878	39.806	ng	98
14) 1,2-Dichlorobenzene	8.40	146	112224	40.128	ng	99
15) Benzyl Alcohol	8.28	79	106974	43.014	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	239635	42.658	ng	98
17) 2-Methylphenol	8.48	107	103853	47.133	ng	96
18) Hexachloroethane	9.12	117	43481	40.942	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	98987	38.822	ng	99
20) 3+4-Methylphenols	8.81	107	144497	47.139	ng	97
22) Acetophenone	8.87	105	173709	43.012	ng	# 96
24) Nitrobenzene	9.25	77	146677	42.799	ng	99
25) Isophorone	9.76	82	284272	48.478	ng	98
26) 2-Nitrophenol	9.96	139	64625	47.308	ng	94
27) 2,4-Dimethylphenol	10.02	122	117109	55.035	ng	99
28) bis(2-Chloroethoxy)methane	10.25	93	163856	45.285	ng	99
29) 2,4-Dichlorophenol	10.49	162	123132	49.917	ng	95
30) 1,2,4-Trichlorobenzene	10.71	180	127445	41.285	ng	99
31) Naphthalene	10.90	128	372492	45.553	ng	99
32) Benzoic acid	10.13	122	8840	10.584	ng	# 77
33) 4-Chloroaniline	11.01	127	86996	23.399	ng	97
34) Hexachlorobutadiene	11.18	225	84630	39.644	ng	99
35) Caprolactam	11.77	113	26225	25.831	ng	97
36) 4-Chloro-3-methylphenol	12.13	107	145820	49.543	ng	96
37) 2-Methylnaphthalene	12.50	142	292283	46.932	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	167825	41.353	ng	99
40) Hexachlorocyclopentadiene	12.84	237	205017	98.225	ng	98

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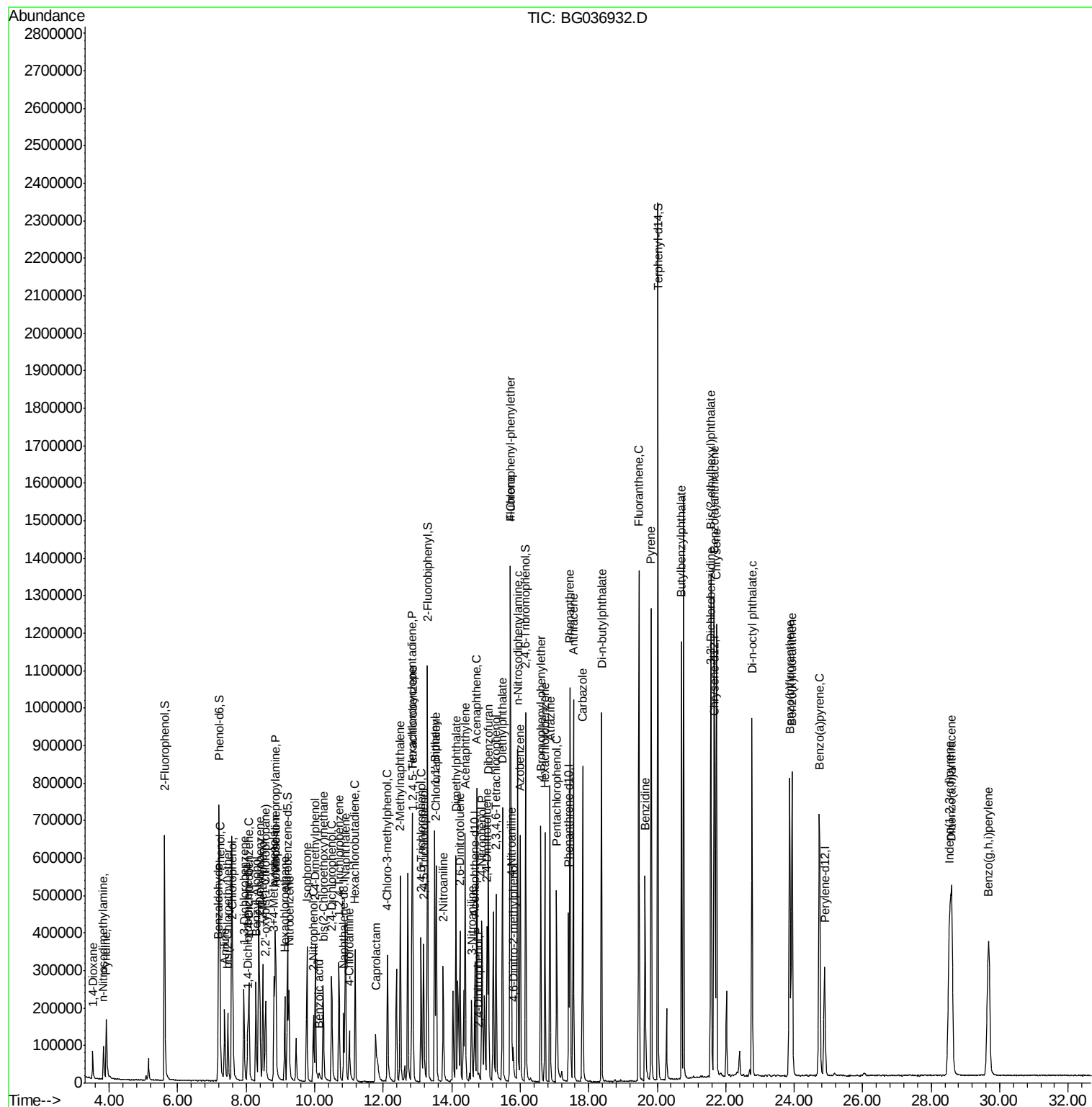
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	108880	48.314	ng	96
43) 2,4,5-Trichlorophenol	13.18	196	122203	50.854	ng	95
45) 1,1'-Biphenyl	13.51	154	393492	44.156	ng	97
46) 2-Chloronaphthalene	13.55	162	298685	42.621	ng	99
47) 2-Nitroaniline	13.75	65	114250	47.134	ng	100
48) Acenaphthylene	14.39	152	519699	47.325	ng	98
49) Dimethylphthalate	14.12	163	415667	44.381	ng	99
50) 2,6-Dinitrotoluene	14.24	165	92755	45.391	ng	97
51) Acenaphthene	14.74	154	301757	45.466	ng	99
52) 3-Nitroaniline	14.58	138	67541	31.366	ng	95
53) 2,4-Dinitrophenol	14.79	184	7629	14.854	ng	# 74
54) Dibenzofuran	15.07	168	501471	44.669	ng	99
55) 4-Nitrophenol	14.88	139	129898	94.428	ng	95
56) 2,4-Dinitrotoluene	15.03	165	131270	46.036	ng	95
57) Fluorene	15.72	166	402799	48.004	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	124935	51.250	ng	98
59) Diethylphthalate	15.48	149	420304	44.493	ng	98
60) 4-Chlorophenyl-phenylether	15.71	204	227872	42.882	ng	100
61) 4-Nitroaniline	15.75	138	101937	45.005	ng	96
62) Azobenzene	16.00	77	434083	47.824	ng	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	19663	12.347	ng	94
65) n-Nitrosodiphenylamine	15.92	169	366711	43.609	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	148821	42.955	ng	98
67) Hexachlorobenzene	16.72	284	150084	42.060	ng	98
68) Atrazine	16.87	200	157445	46.241	ng	99
69) Pentachlorophenol	17.07	266	122321	54.447	ng	97
70) Phenanthrene	17.46	178	697769	47.538	ng	99
71) Anthracene	17.55	178	720893	49.669	ng	99
72) Carbazole	17.82	167	630478	44.553	ng	99
73) Di-n-butylphthalate	18.37	149	736011	46.834	ng	100
74) Fluoranthene	19.46	202	870336	49.259	ng	99
76) Benzidine	19.65	184	388493	41.542	ng	100
77) Pyrene	19.82	202	865348	46.614	ng	99
79) Butylbenzylphthalate	20.70	149	340720	46.046	ng	98
80) Benzo(a)anthracene	21.66	228	852184	47.189	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	197088	28.672	ng	98
82) Chrysene	21.73	228	796559	45.652	ng	100
83) Bis(2-ethylhexyl)phthalate	21.56	149	466081	45.088	ng	100
84) Di-n-octyl phthalate	22.77	149	795423	46.735	ng	99
85) Indeno(1,2,3-cd)pyrene	28.54	276	961744	51.329	ng	# 94
87) Benzo(b)fluoranthene	23.87	252	860117	49.768	ng	97
88) Benzo(k)fluoranthene	23.94	252	802376	46.276	ng	99
89) Benzo(a)pyrene	24.74	252	828433	49.582	ng	98
90) Dibenzo(a,h)anthracene	28.60	278	786063	50.198	ng	99
91) Benzo(g,h,i)perylene	29.68	276	803474	51.125	ng	97

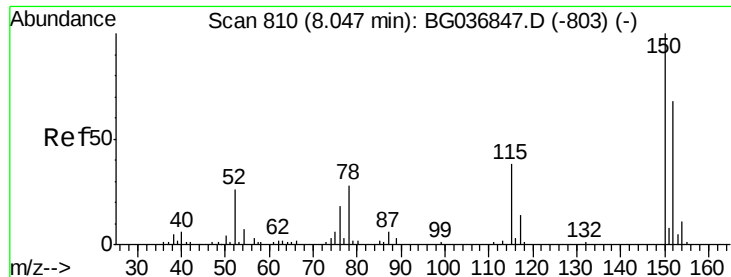
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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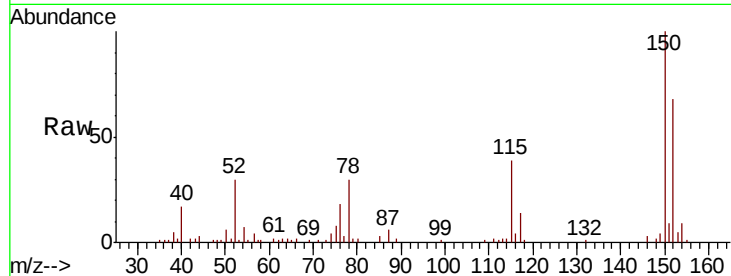




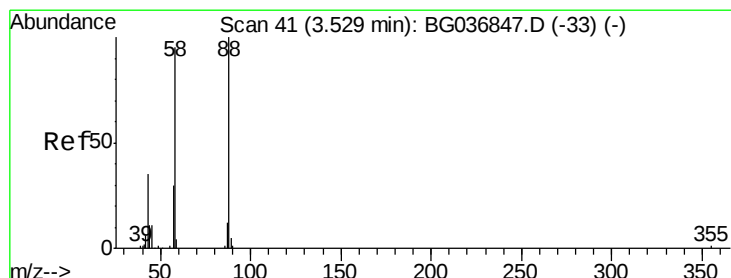
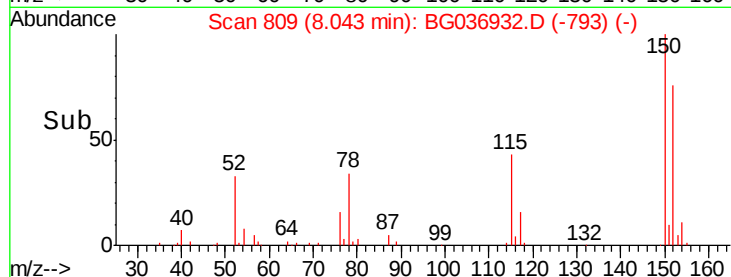
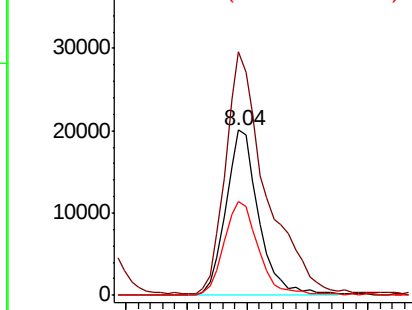
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113130BS

Tgt Ion:152 Resp: 37992
 Ion Ratio Lower Upper
 152 100
 150 147.2 119.5 179.3
 115 56.7 44.5 66.7

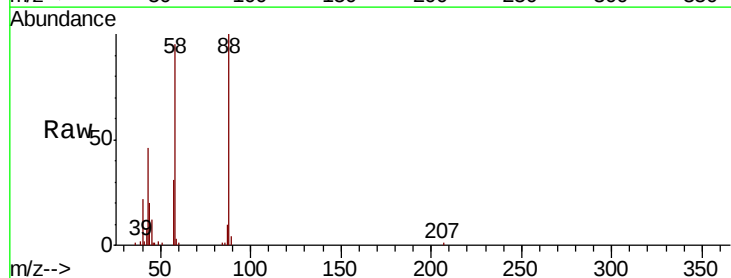


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

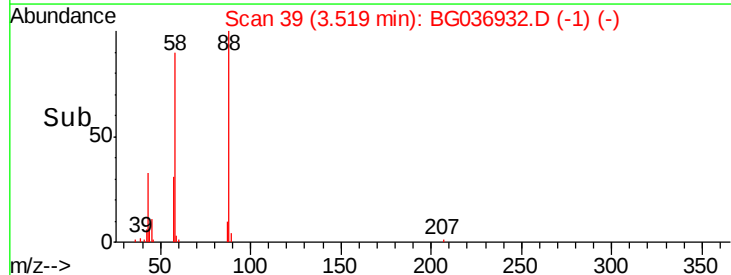
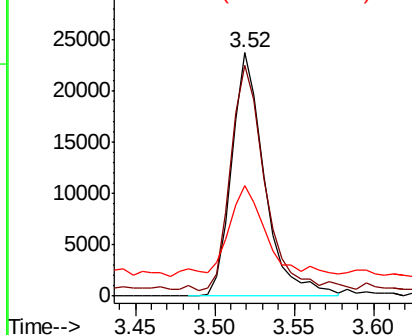


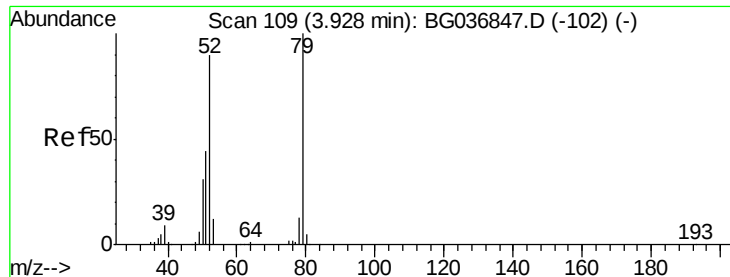
#2
 1,4-Dioxane
 Concen: 37.562 ng
 RT: 3.52 min Scan# 39
 Delta R.T. -0.01 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Tgt Ion: 88 Resp: 34050
 Ion Ratio Lower Upper
 88 100
 58 97.9 72.6 109.0
 43 41.7 29.0 43.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 36.843 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.02 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

PB113130BS

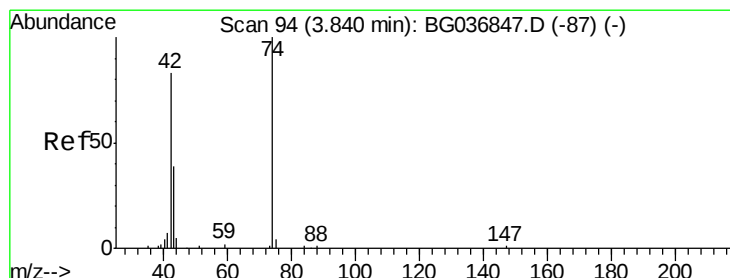
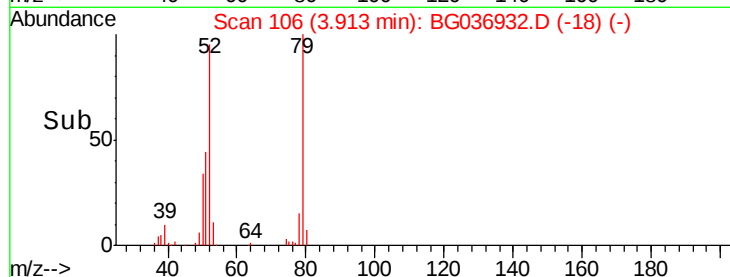
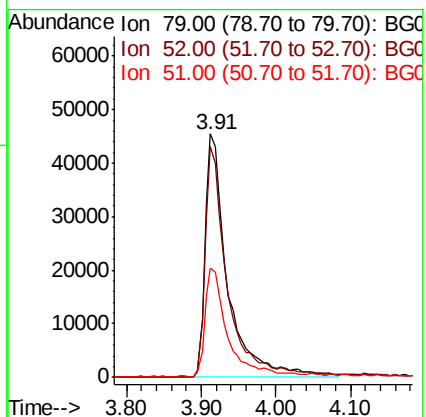
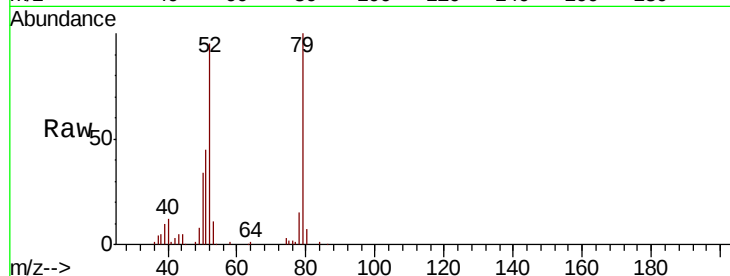
Tgt Ion: 79 Resp: 96434

Ion Ratio Lower Upper

79 100

52 94.7 72.3 108.5

51 44.9 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 51.223 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

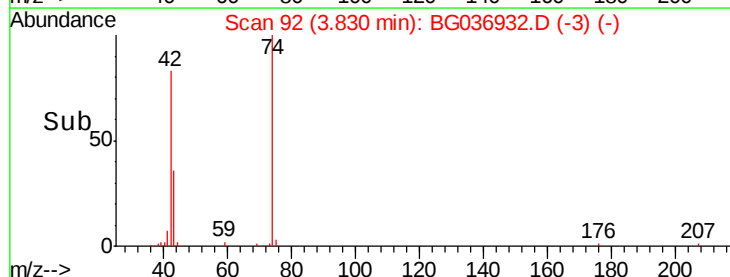
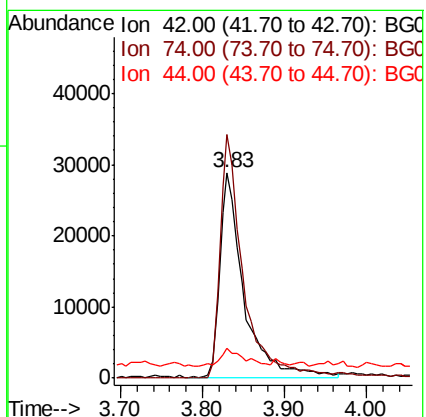
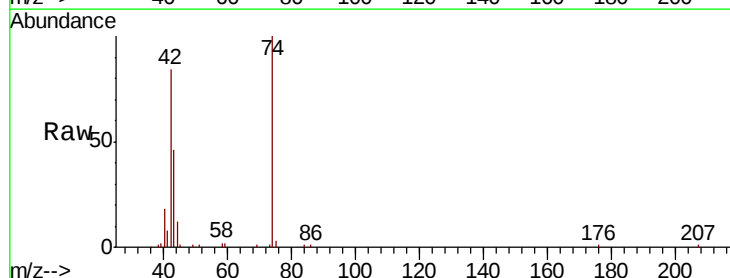
Tgt Ion: 42 Resp: 59589

Ion Ratio Lower Upper

42 100

74 118.5 96.6 145.0

44 14.6 7.0 10.4#





#5

2-Fluorophenol

Concen: 152.015 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

PB113130BS

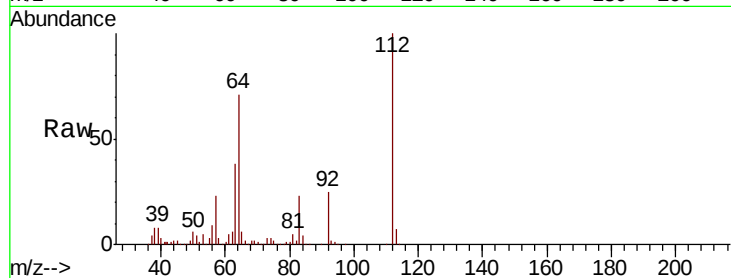
Tgt Ion:112 Resp: 301148

Ion Ratio Lower Upper

112 100

64 71.4 57.2 85.8

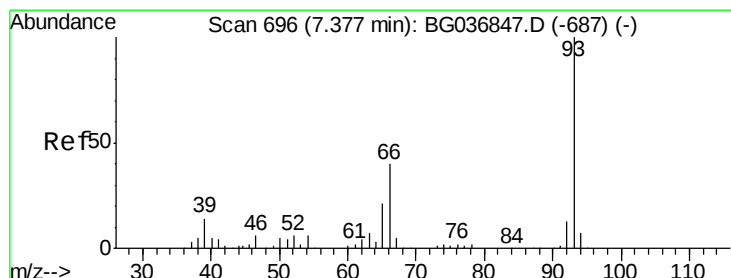
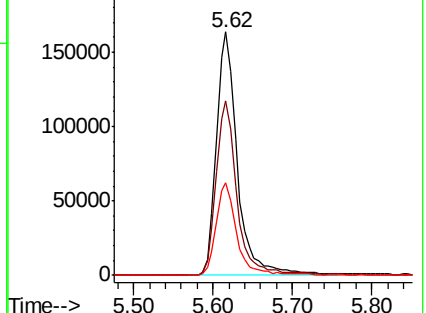
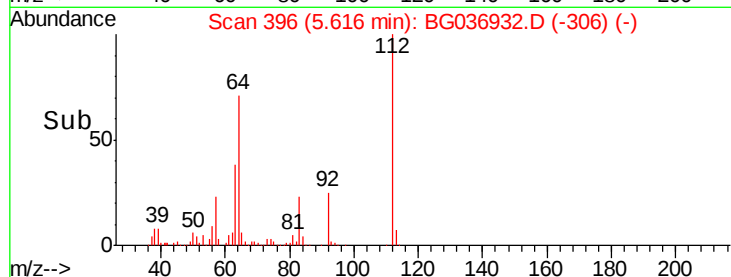
63 38.1 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.923 ng

RT: 7.37 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

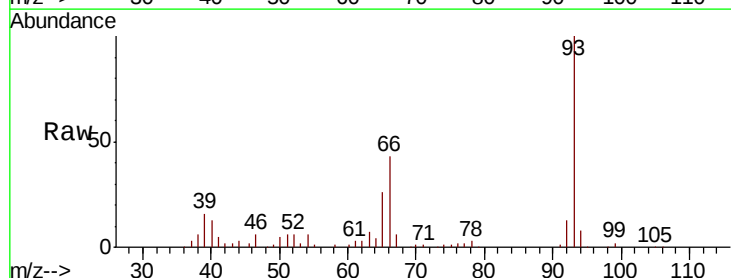
Tgt Ion: 93 Resp: 130937

Ion Ratio Lower Upper

93 100

66 43.0 35.0 52.4

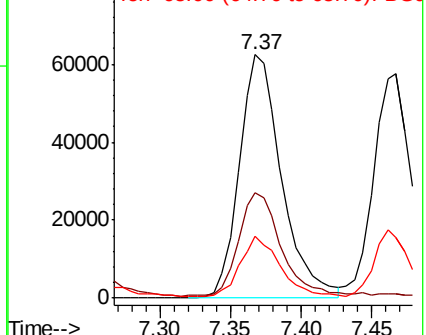
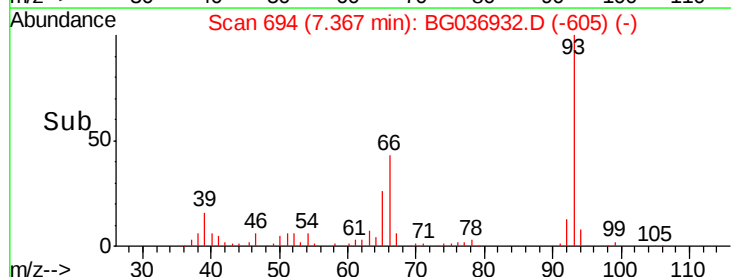
65 25.5 17.6 26.4

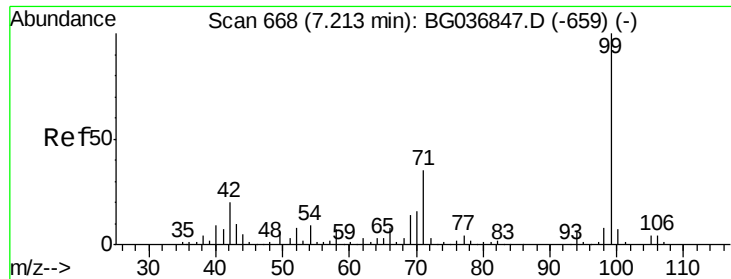


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.656 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

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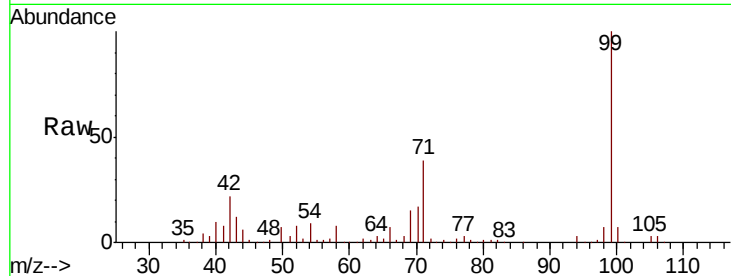
Tgt Ion: 99 Resp: 421916

Ion Ratio Lower Upper

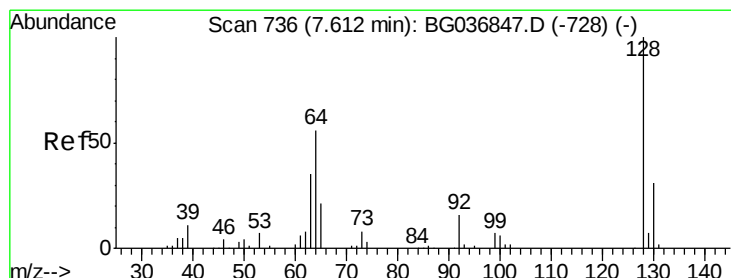
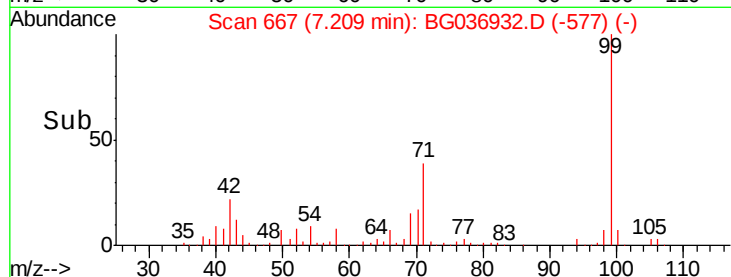
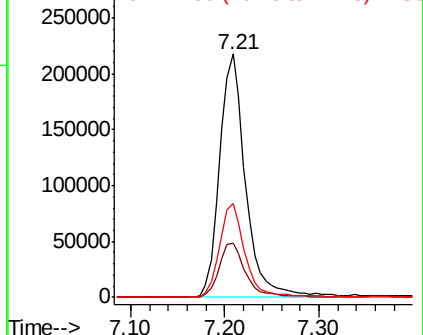
99 100

42 22.0 16.5 24.7

71 38.8 29.4 44.2



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



#8

2-Chlorophenol

Concen: 48.640 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG036932.D

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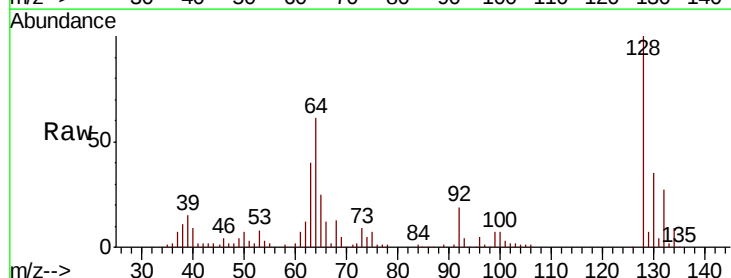
Tgt Ion: 128 Resp: 111884

Ion Ratio Lower Upper

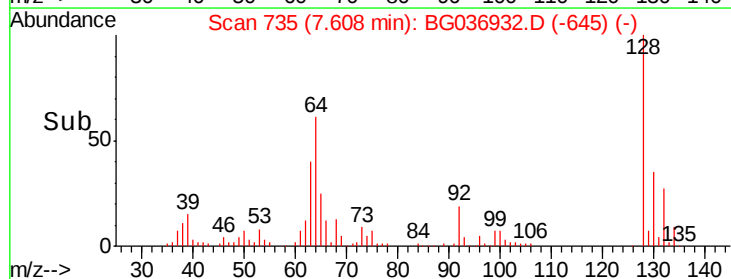
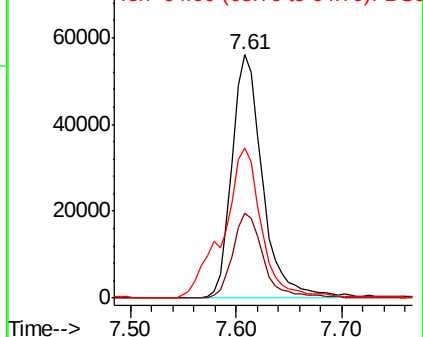
128 100

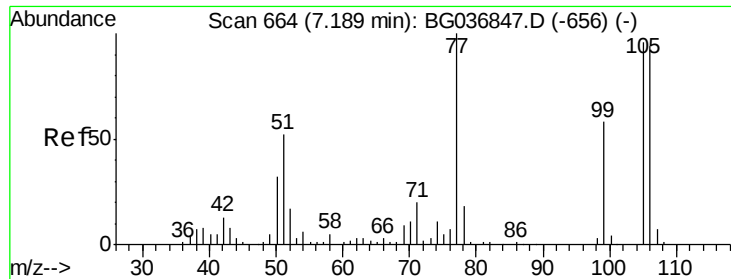
130 34.7 10.0 50.0

64 61.5 36.0 76.0



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





#9

Benzaldehyde

Concen: 35.907 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.01 min

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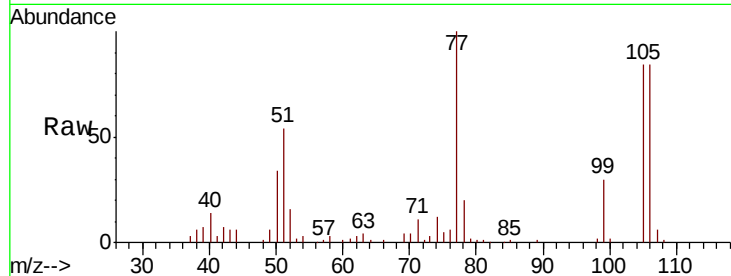
Tgt Ion: 77 Resp: 72722

Ion Ratio Lower Upper

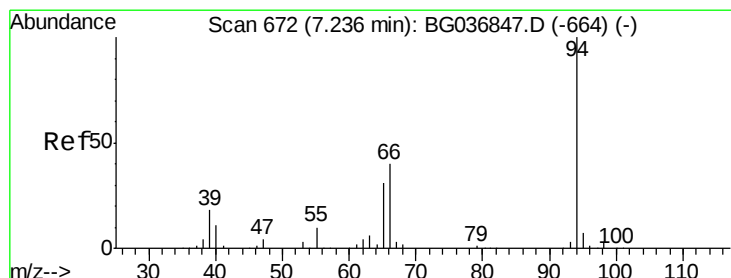
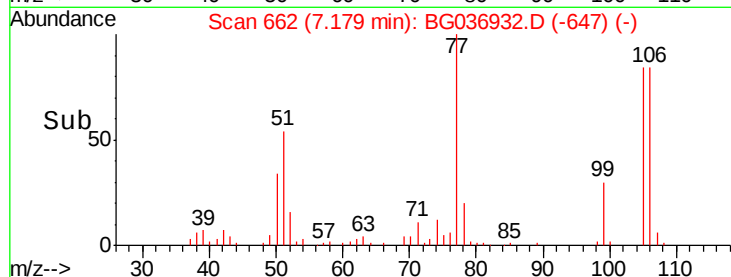
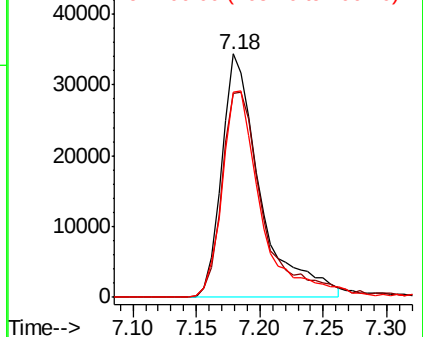
77 100

105 83.9 70.5 110.5

106 84.4 69.8 109.8



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



#10

Phenol

Concen: 49.595 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

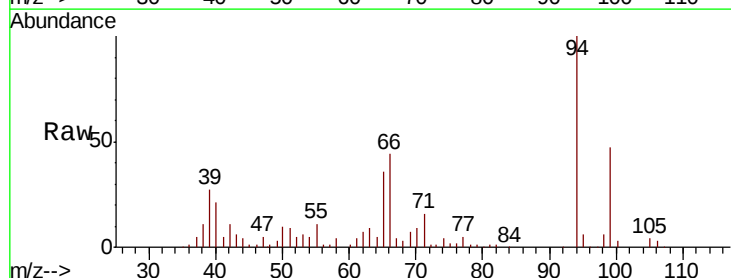
Tgt Ion: 94 Resp: 156880

Ion Ratio Lower Upper

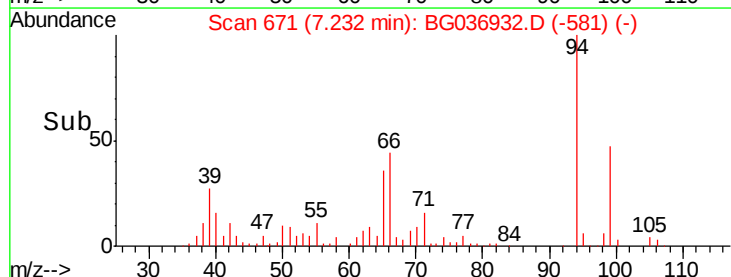
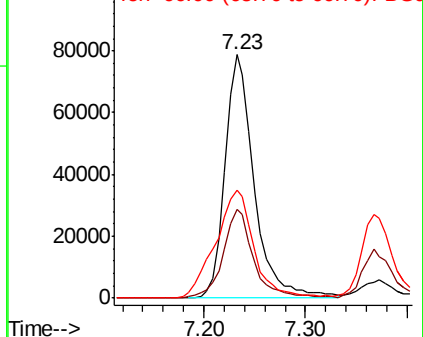
94 100

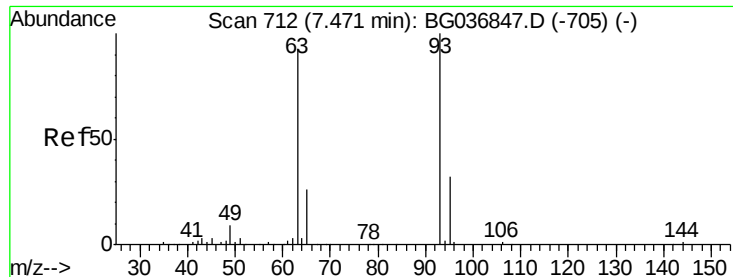
65 36.4 11.5 51.5

66 44.2 19.5 59.5



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





#11

bis(2-Chloroethyl)ether

Concen: 37.843 ng

RT: 7.47 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

PB113130BS

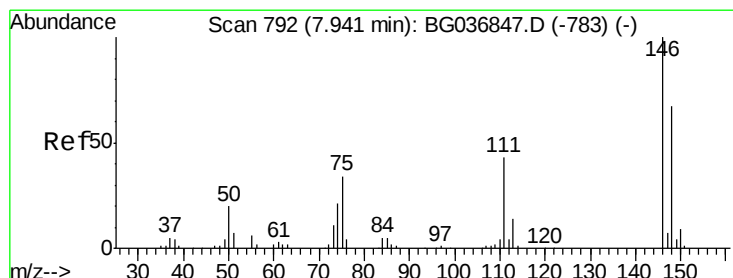
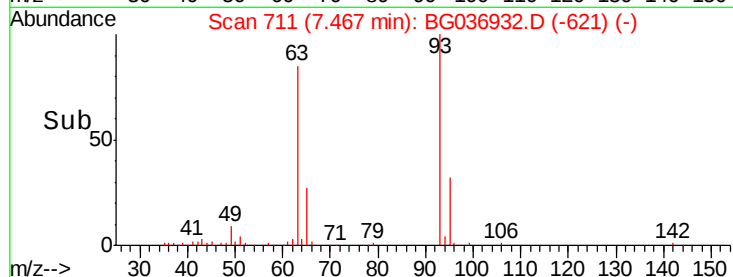
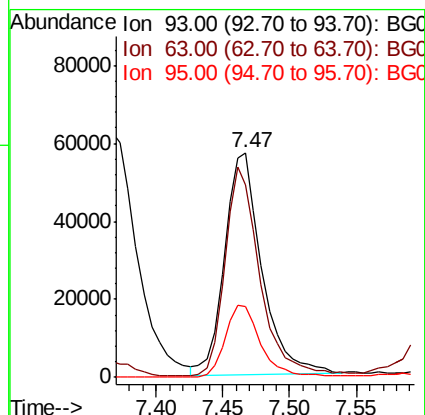
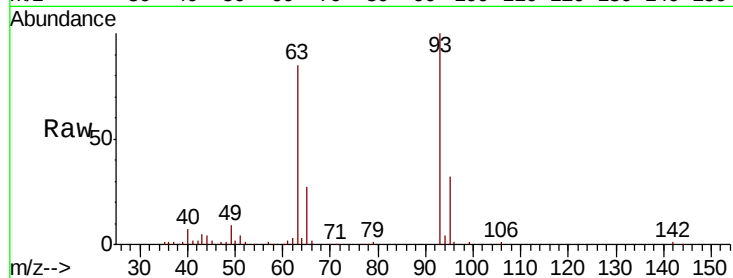
Tgt Ion: 93 Resp: 110729

Ion Ratio Lower Upper

93 100

63 85.5 69.9 109.9

95 31.6 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 40.075 ng

RT: 7.93 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

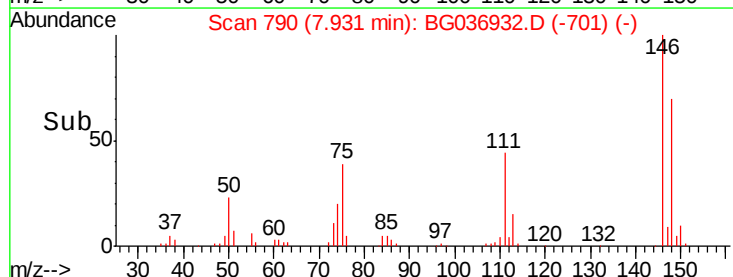
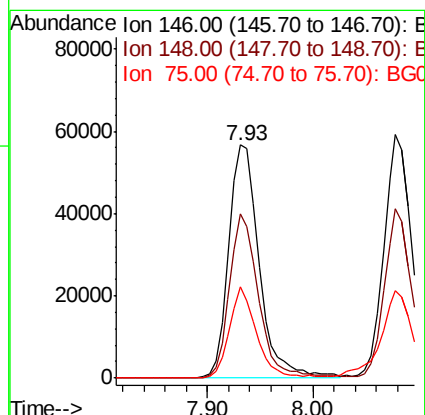
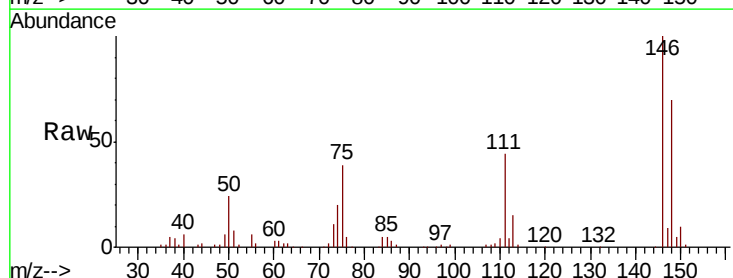
Tgt Ion: 146 Resp: 113014

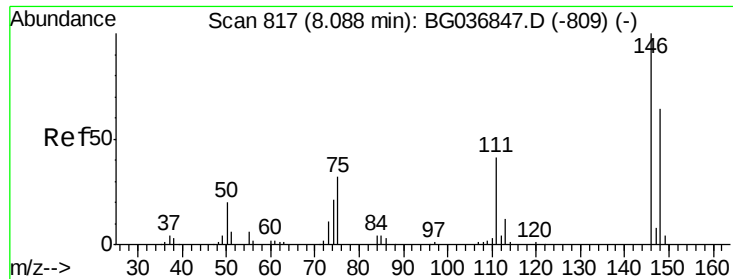
Ion Ratio Lower Upper

146 100

148 70.4 53.8 80.6

75 38.9 27.2 40.8

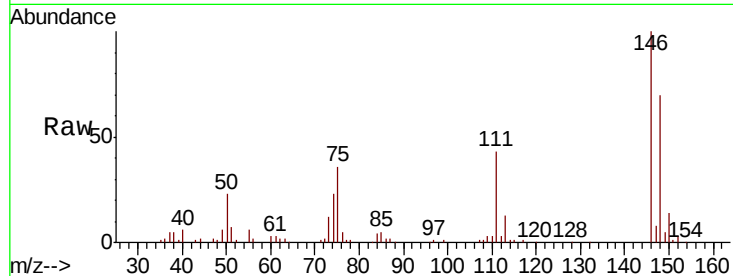




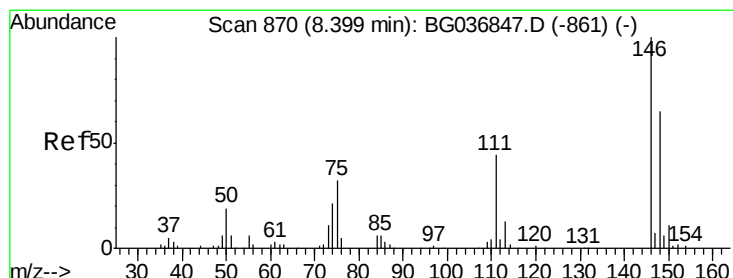
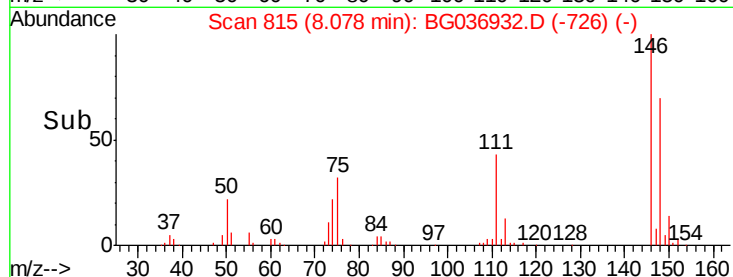
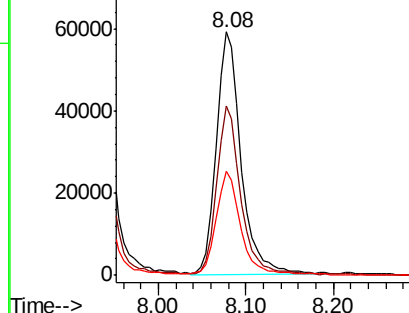
#13
 1,4-Dichlorobenzene
 Concen: 39.806 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113130BS

Tgt Ion:146 Resp: 114878
 Ion Ratio Lower Upper
 146 100
 148 69.7 53.9 80.9
 111 42.9 33.8 50.6

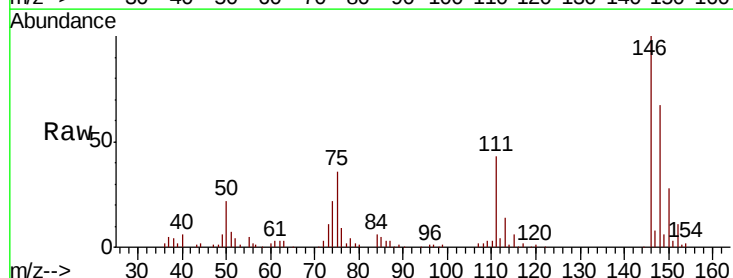


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

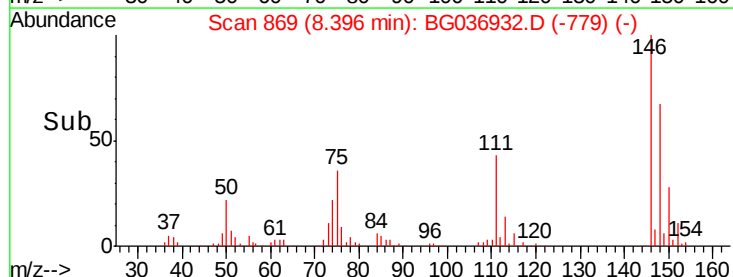
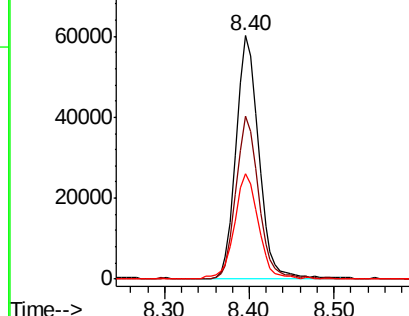


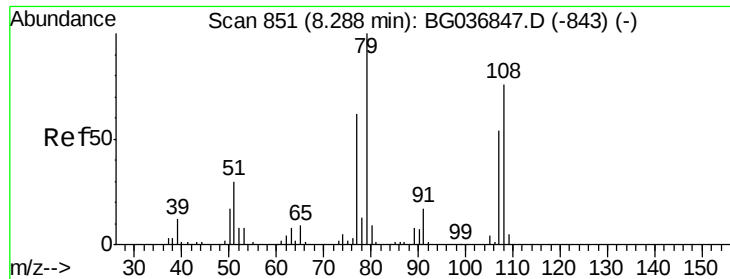
#14
 1,2-Dichlorobenzene
 Concen: 40.128 ng
 RT: 8.40 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Tgt Ion:146 Resp: 112224
 Ion Ratio Lower Upper
 146 100
 148 67.1 55.0 82.6
 111 43.1 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: 43.014 ng

RT: 8.28 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

PB113130BS

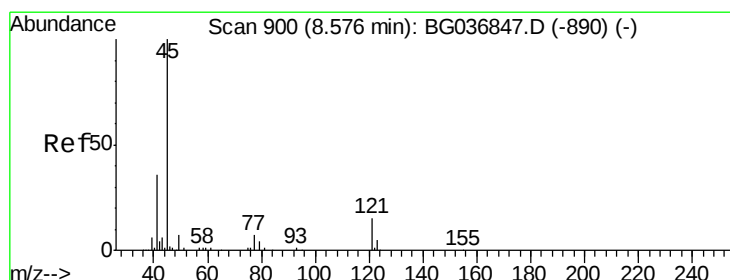
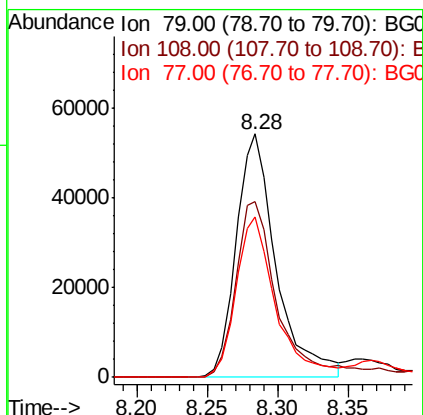
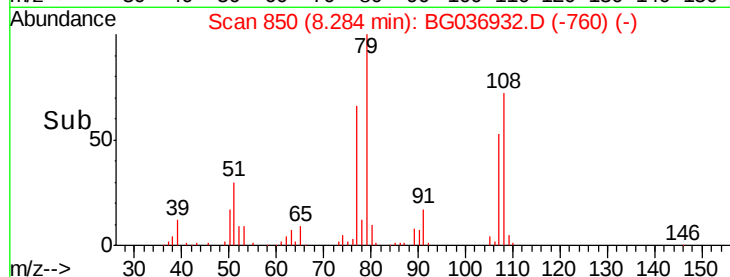
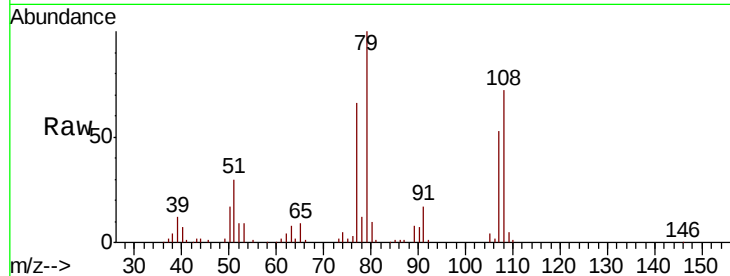
Tgt Ion: 79 Resp: 106974

Ion Ratio Lower Upper

79 100

108 71.9 55.9 83.9

77 65.6 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.658 ng

RT: 8.57 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

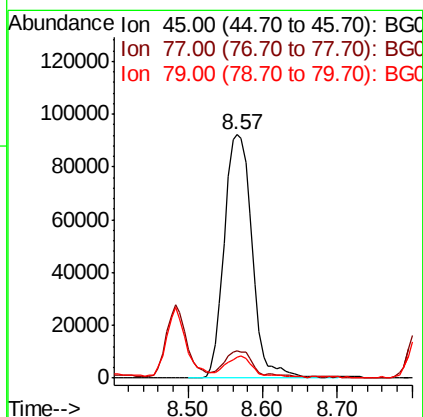
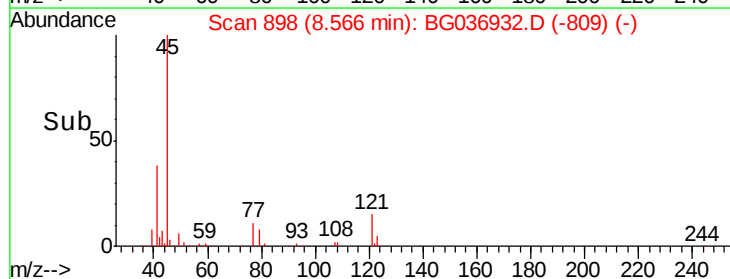
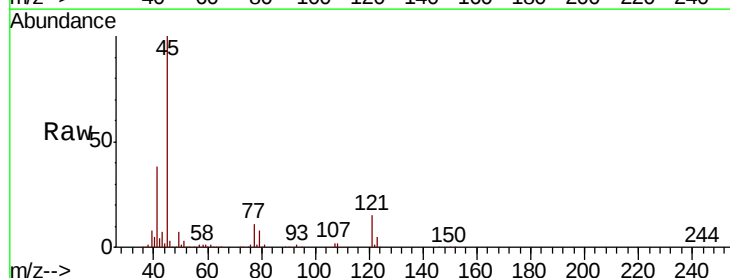
Tgt Ion: 45 Resp: 239635

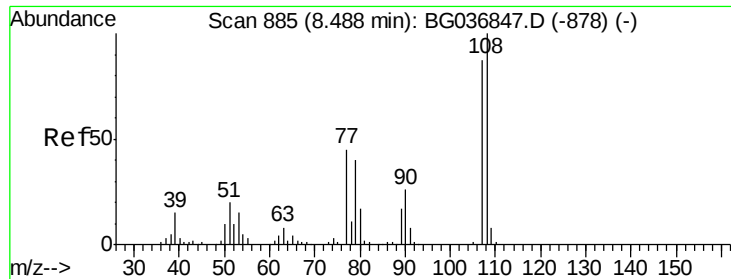
Ion Ratio Lower Upper

45 100

77 11.4 0.0 30.5

79 8.4 0.0 27.9

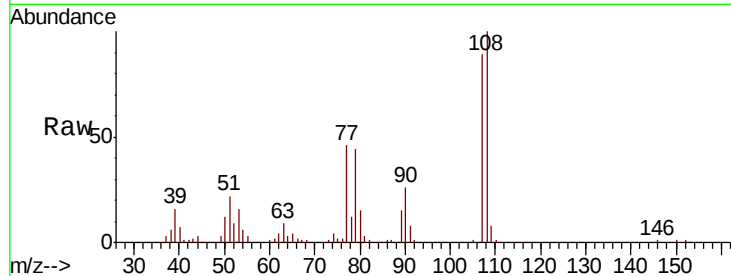




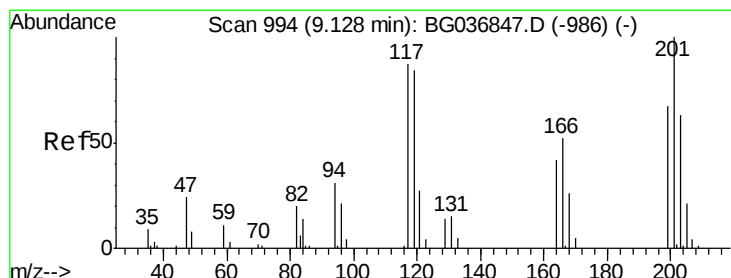
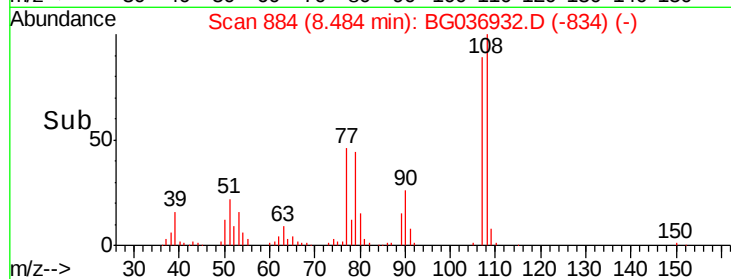
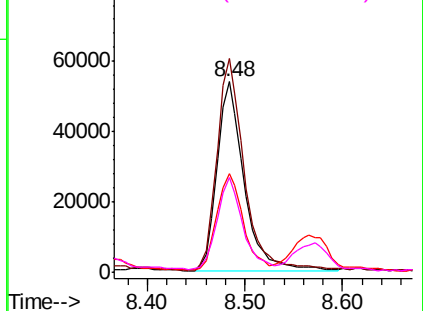
#17
2-Methylphenol
Concen: 47.133 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

Instrument :
BNA_G
ClientSampleId :
PB113130BS

Tgt Ion:	107	Resp:	103853
Ion	Ratio	Lower	Upper
107	100		
108	112.2	86.7	130.1
77	51.5	39.0	58.4
79	49.9	36.6	54.8

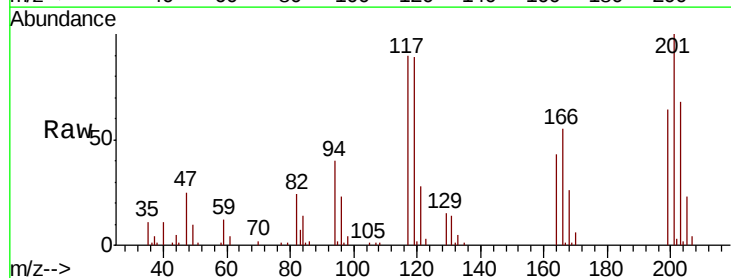


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

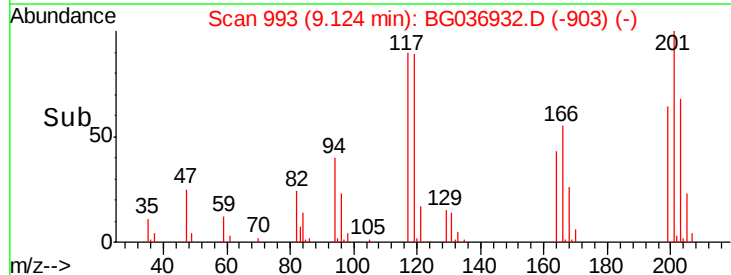
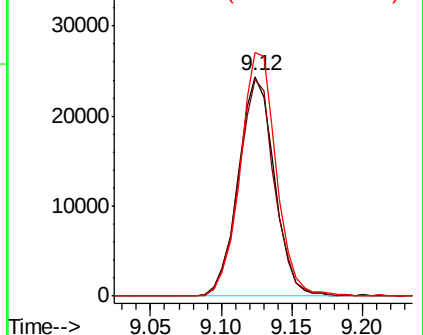


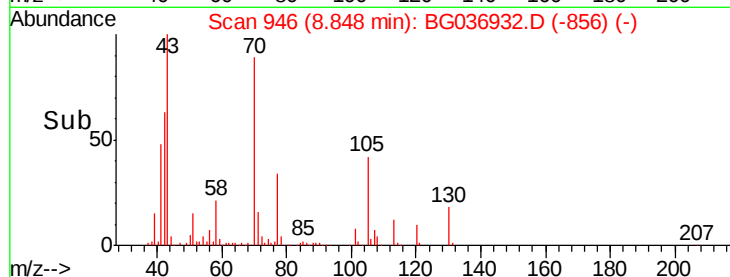
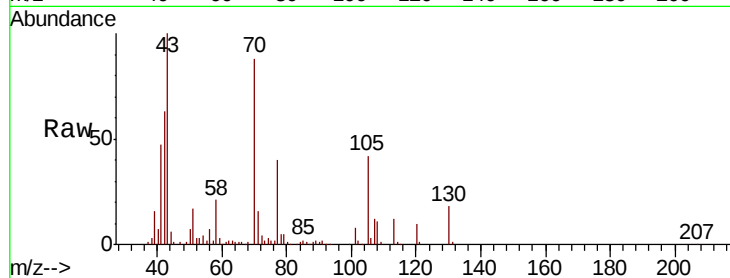
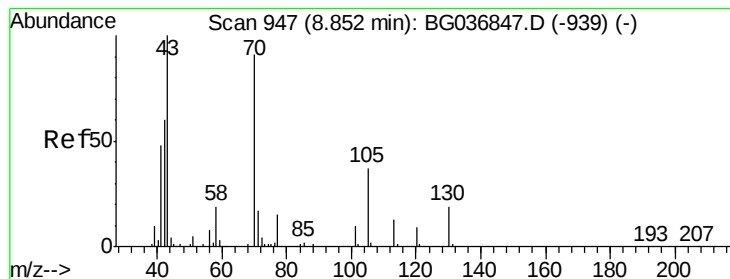
#18
Hexachloroethane
Concen: 40.942 ng
RT: 9.12 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

Tgt Ion:	117	Resp:	43481
Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.8	115.2
201	110.8	85.7	128.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.822 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

PB113130BS

Tgt Ion: 70 Resp: 98987

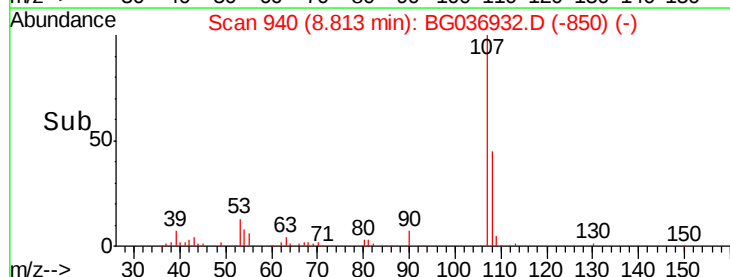
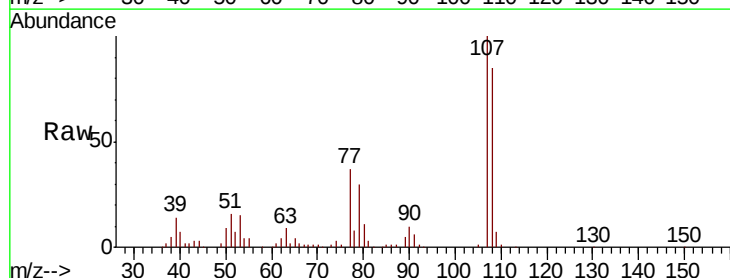
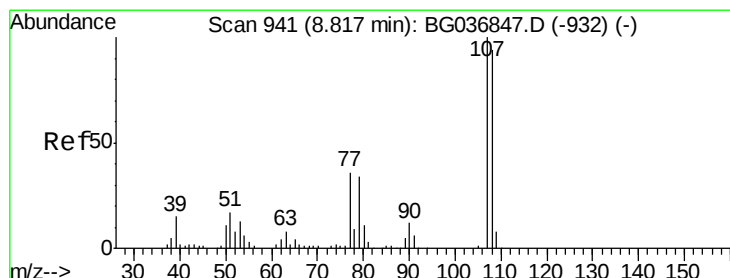
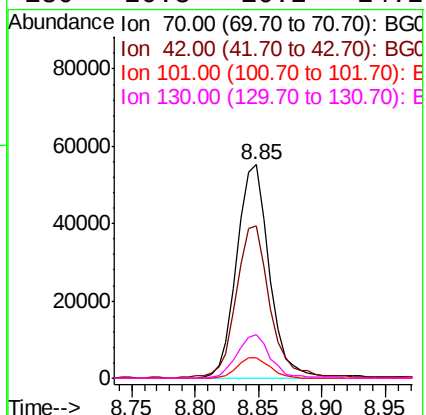
Ion Ratio Lower Upper

70 100

42 71.1 56.2 84.4

101 9.4 7.8 11.6

130 20.3 16.2 24.2



#20

3+4-Methylphenols

Concen: 47.139 ng

RT: 8.81 min Scan# 940

Delta R.T. -0.00 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

Tgt Ion: 107 Resp: 144497

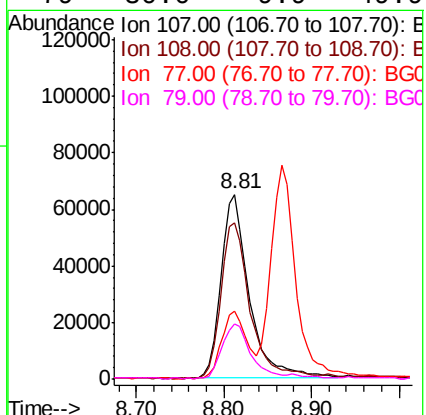
Ion Ratio Lower Upper

107 100

108 84.7 68.0 108.0

77 37.1 15.6 55.6

79 30.0 9.9 49.9

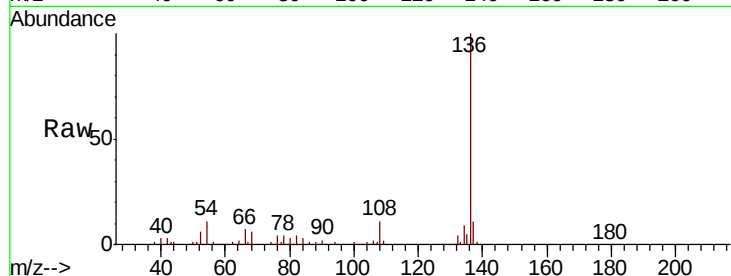




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

Instrument :
BNA_G
ClientSampleId :
PB113130BS

Tgt Ion:	136	Resp:	171857
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.7	9.2	13.8
68	6.4	5.8	8.6



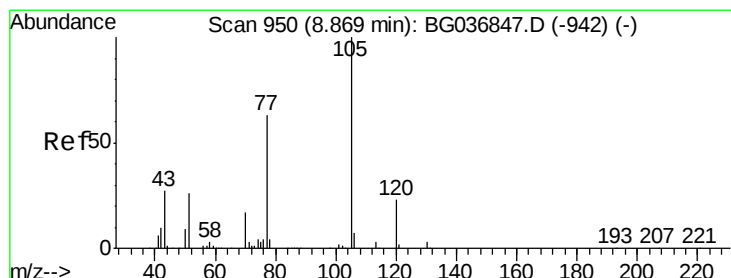
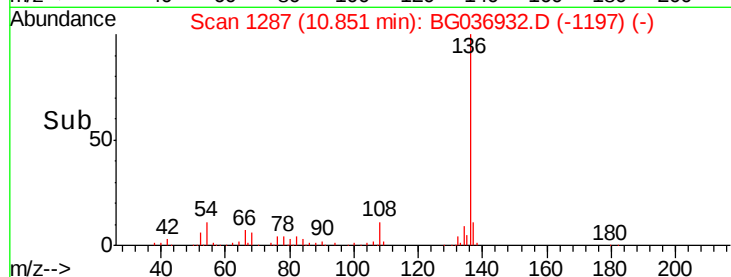
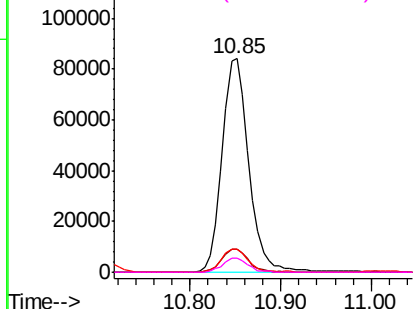
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

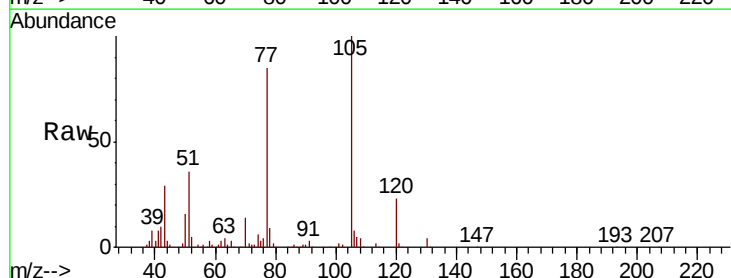
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 43.012 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

Tgt Ion:	105	Resp:	173709
Ion	Ratio	Lower	Upper
105	100		
71	2.4	2.4	3.6#
51	36.1	25.9	38.9
120	23.4	19.4	29.0



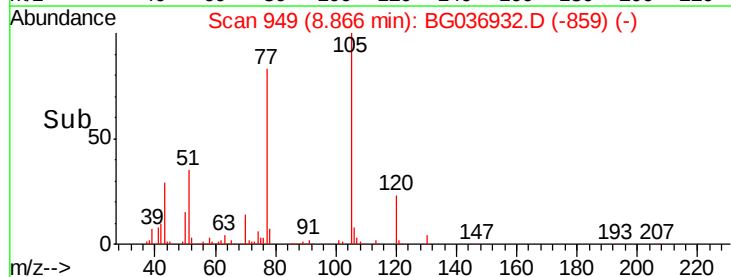
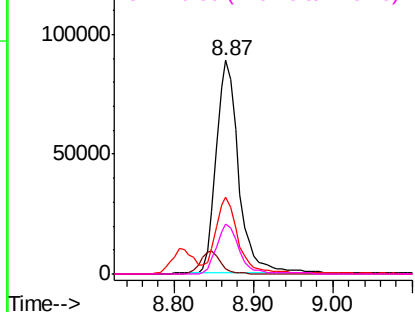
Abundance

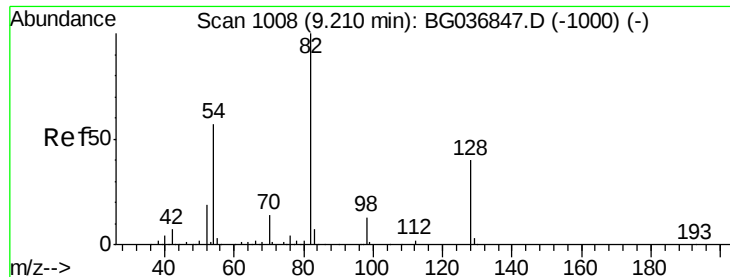
Ion 105.00 (104.70 to 105.70): E

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

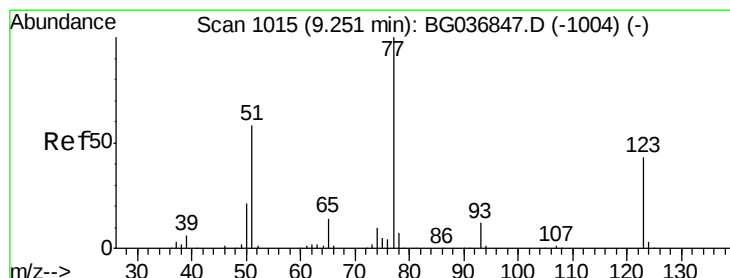
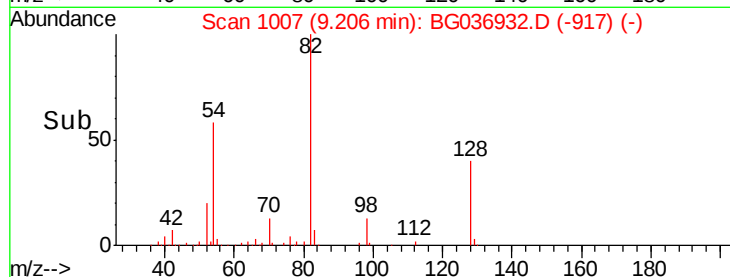
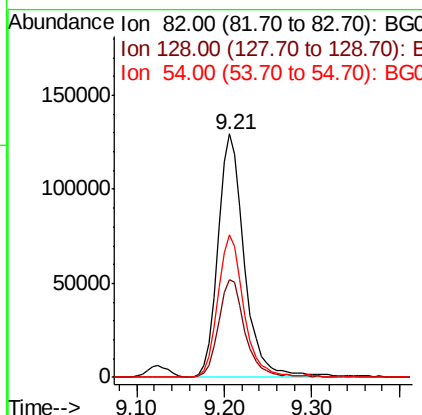
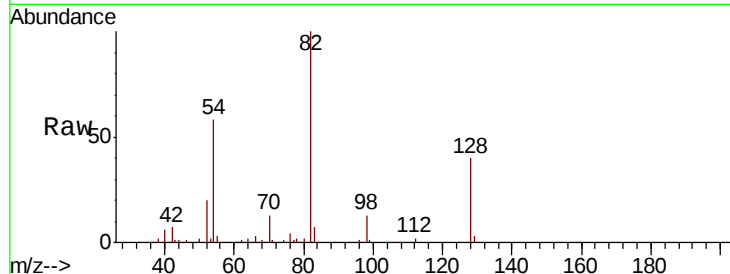




#23
 Nitrobenzene-d5
 Concen: 82.925 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

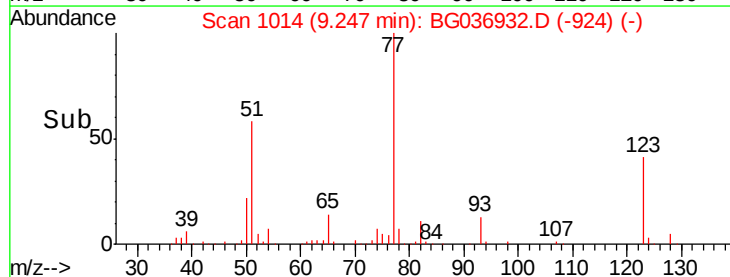
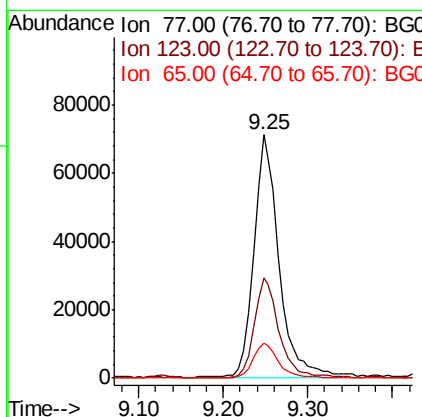
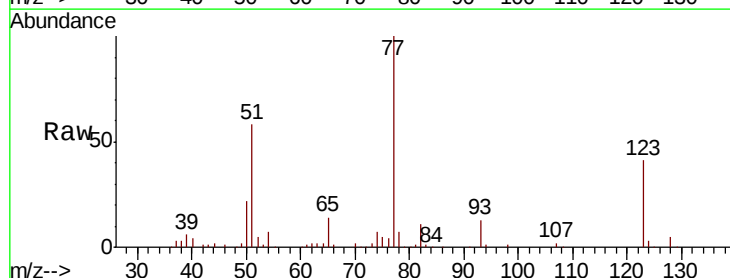
Instrument :
 BNA_G
 ClientSampleId :
 PB113130BS

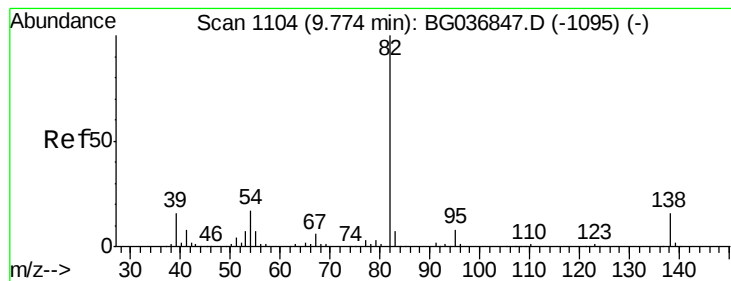
Tgt Ion: 82 Resp: 266123
 Ion Ratio Lower Upper
 82 100
 128 40.2 33.3 49.9
 54 58.4 45.1 67.7



#24
 Nitrobenzene
 Concen: 42.799 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Tgt Ion: 77 Resp: 146677
 Ion Ratio Lower Upper
 77 100
 123 41.1 32.4 48.6
 65 14.4 11.5 17.3





#25

Isophorone

Concen: 48.478 ng

RT: 9.76 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

PB113130BS

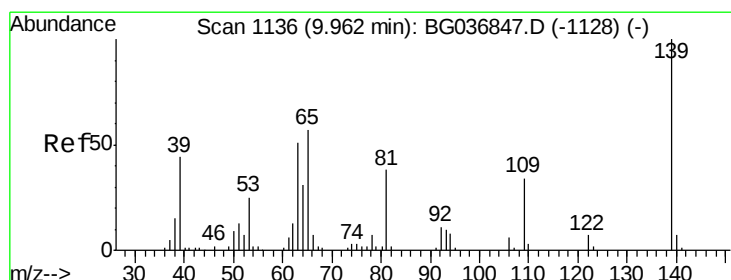
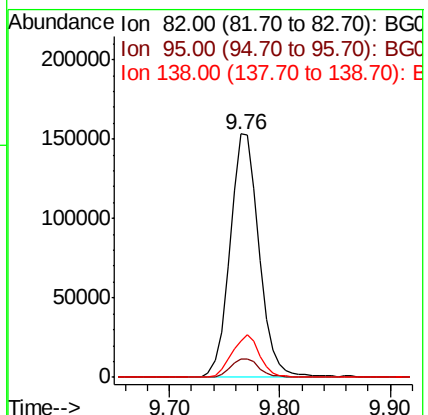
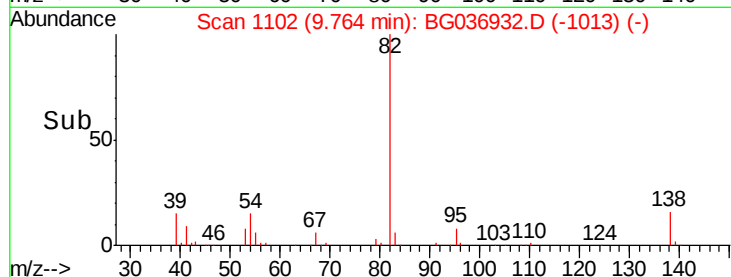
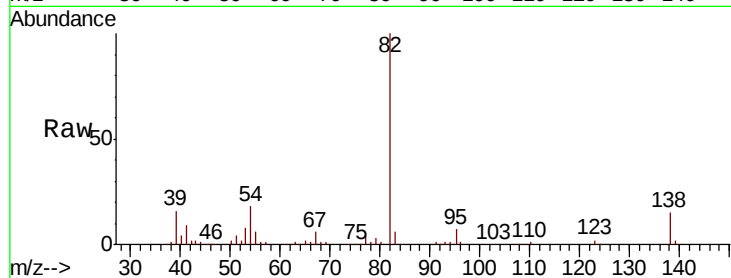
Tgt Ion: 82 Resp: 284272

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.8

138 14.9 12.9 19.3



#26

2-Nitrophenol

Concen: 47.308 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

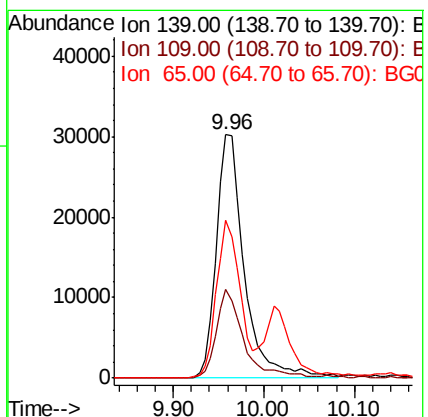
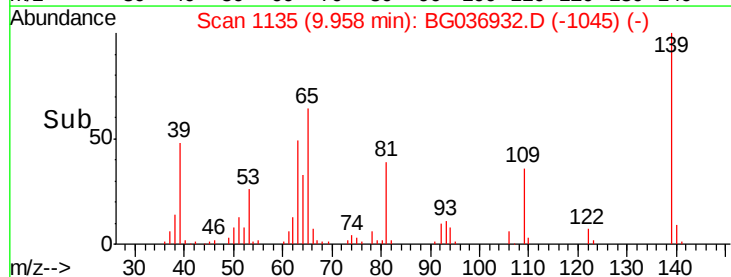
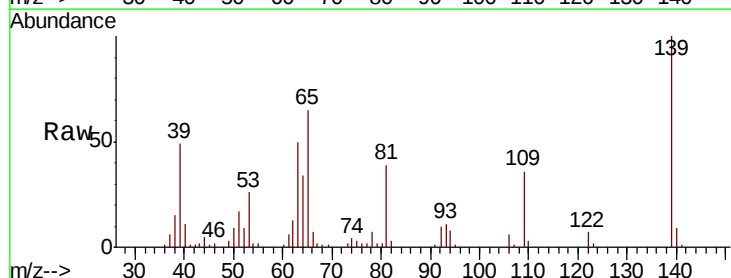
Tgt Ion: 139 Resp: 64625

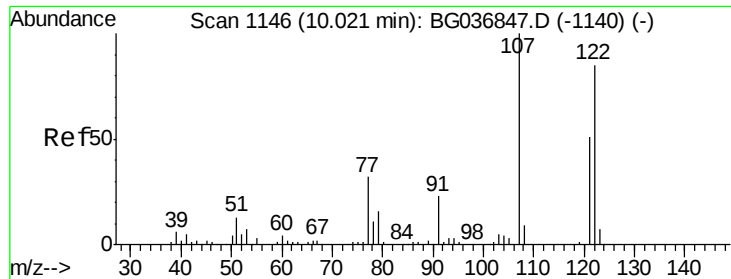
Ion Ratio Lower Upper

139 100

109 36.3 27.4 41.0

65 64.9 47.8 71.6

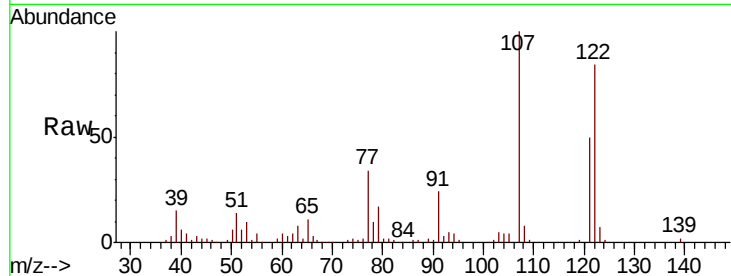




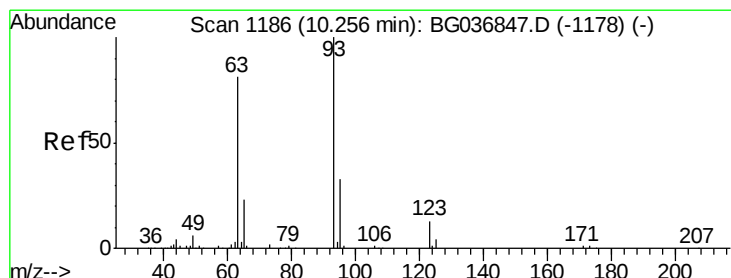
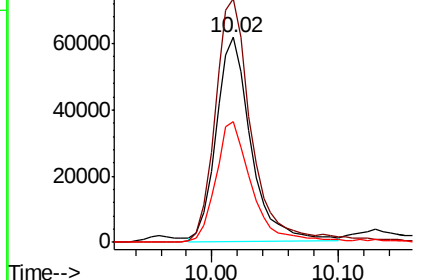
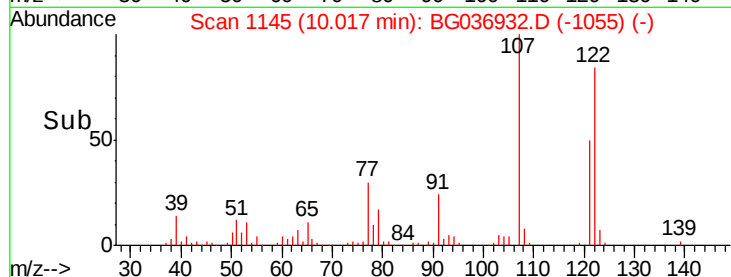
#27
2,4-Dimethylphenol
Concen: 55.035 ng
RT: 10.02 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

Instrument :
BNA_G
ClientSampleId :
PB113130BS

Tgt Ion: 122 Resp: 117109
Ion Ratio Lower Upper
122 100
107 118.9 96.0 144.0
121 58.9 48.2 72.4

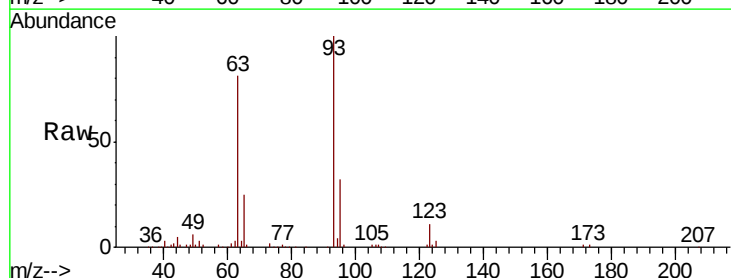


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

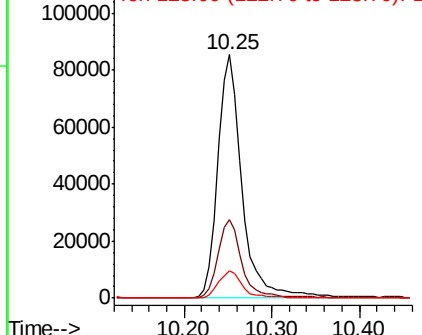
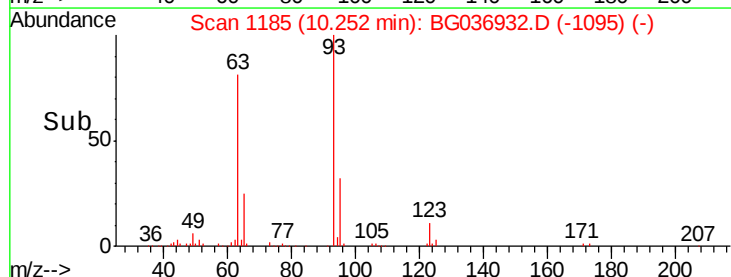


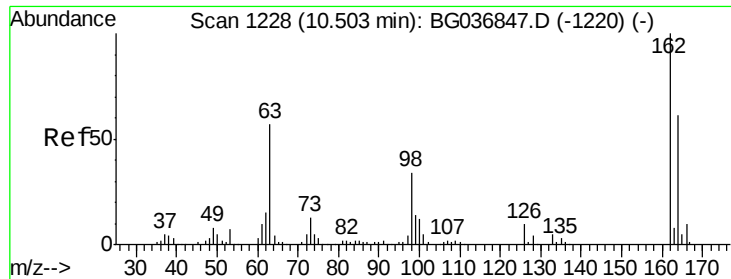
#28
bis(2-Chloroethoxy)methane
Concen: 45.285 ng
RT: 10.25 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

Tgt Ion: 93 Resp: 163856
Ion Ratio Lower Upper
93 100
95 32.0 25.2 37.8
123 11.0 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

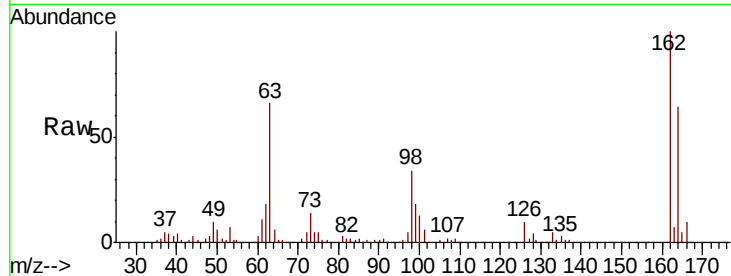




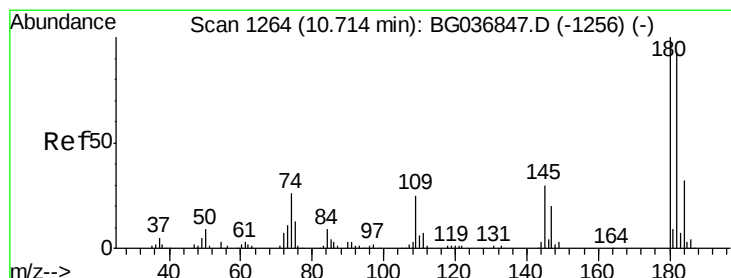
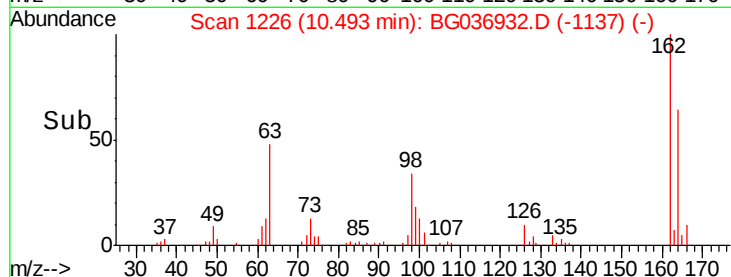
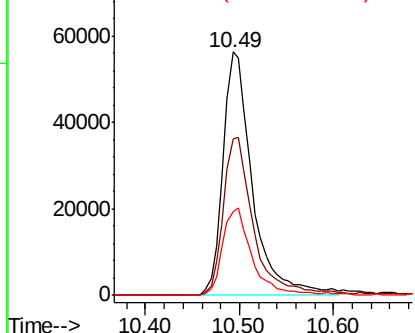
#29
 2,4-Dichlorophenol
 Concen: 49.917 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113130BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	47.6	87.6
98	34.4	19.2	59.2

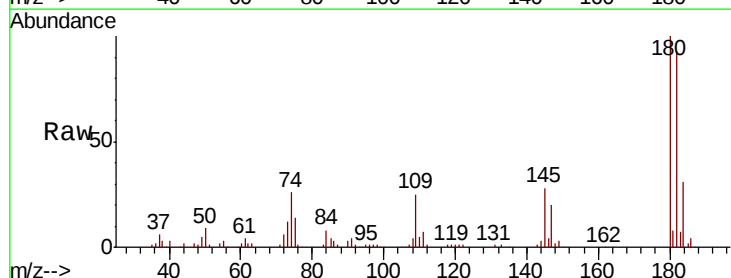


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

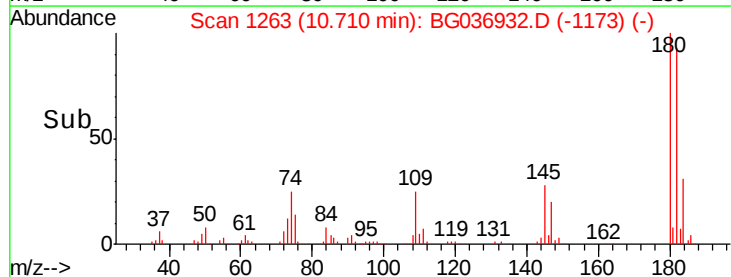
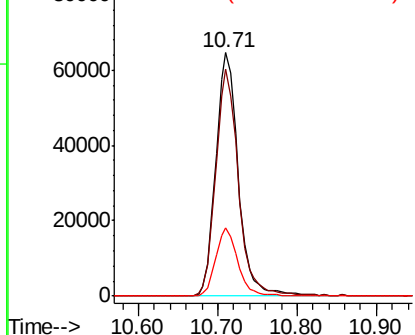


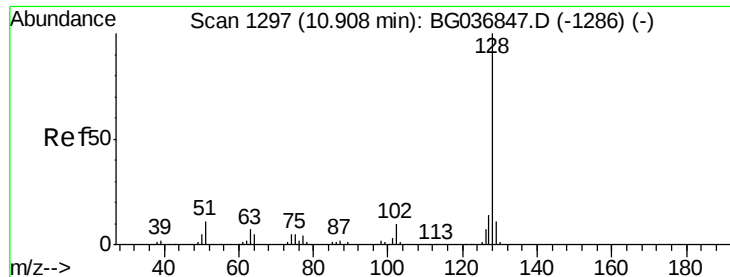
#30
 1,2,4-Trichlorobenzene
 Concen: 41.285 ng
 RT: 10.71 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.0	114.0
145	27.9	22.9	34.3



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





#31

Naphthalene

Concen: 45.553 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

PB113130BS

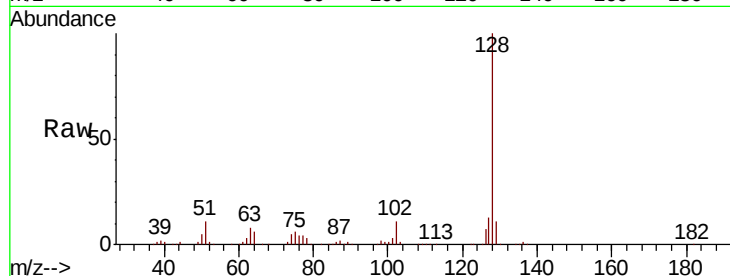
Tgt Ion:128 Resp: 372492

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.2

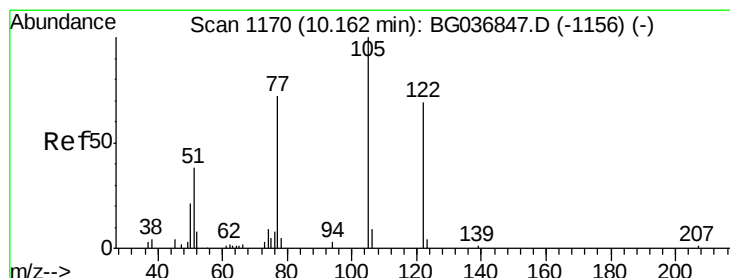
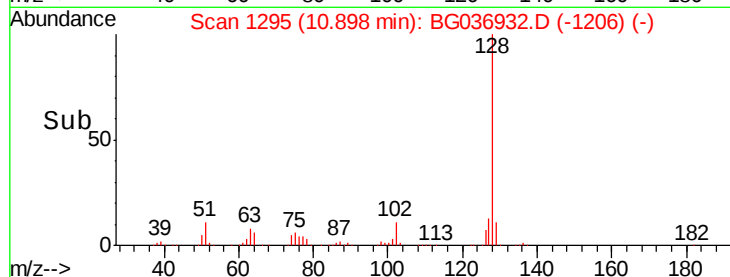
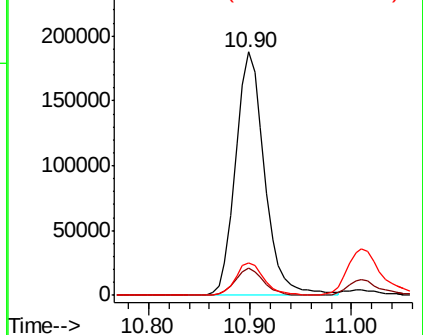
127 13.4 11.0 16.4



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: 10.584 ng

RT: 10.13 min Scan# 1164

Delta R.T. -0.03 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

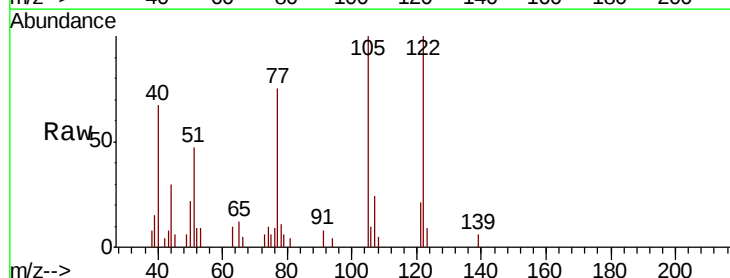
Tgt Ion:122 Resp: 8840

Ion Ratio Lower Upper

122 100

105 100.4 108.1 148.1#

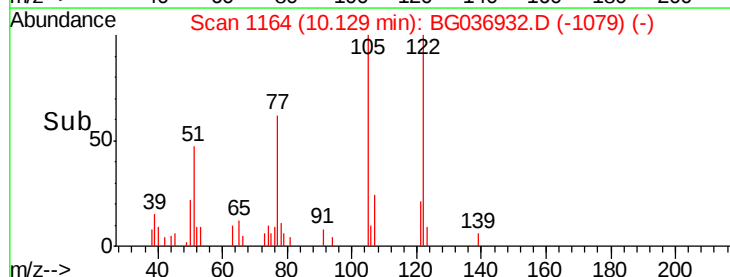
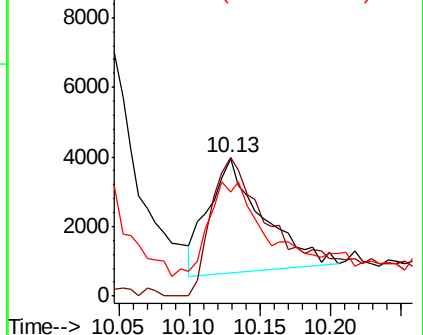
77 75.8 76.3 116.3#

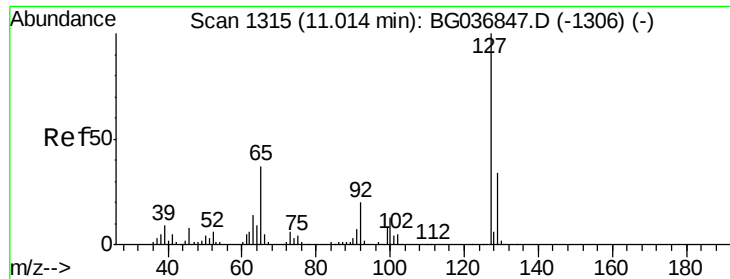


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

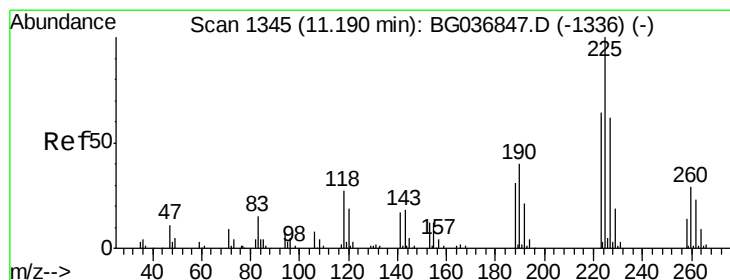
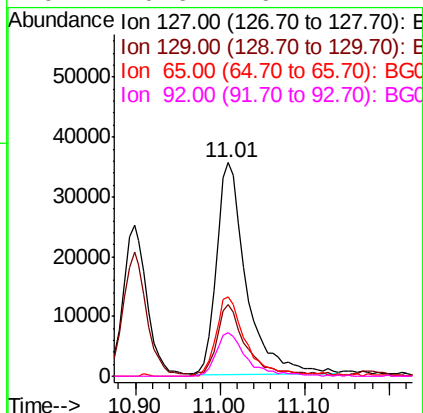
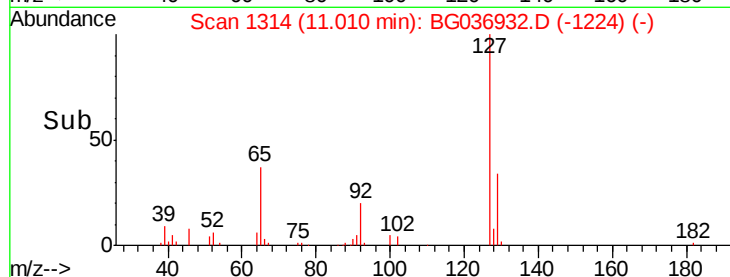
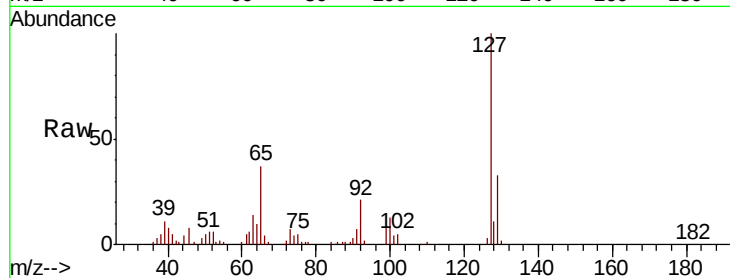




#33
4-Chloroaniline
Concen: 23.399 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

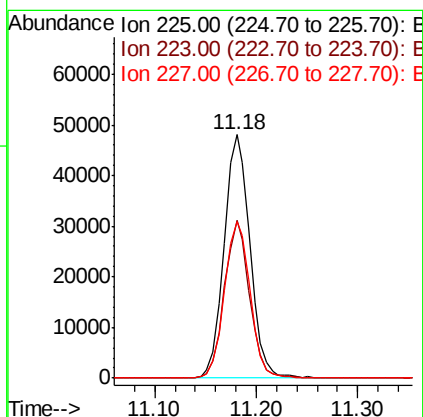
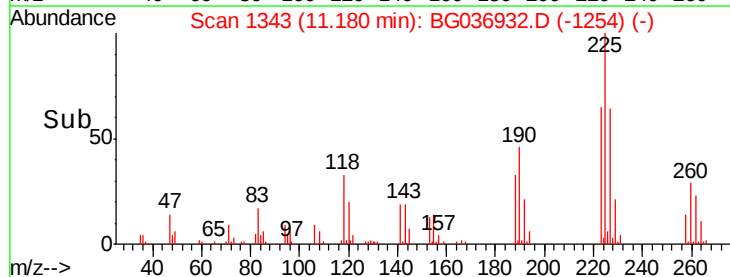
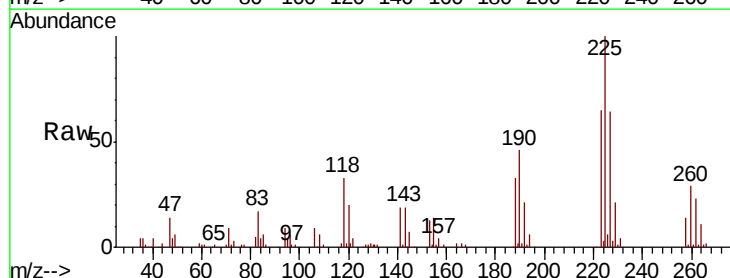
Instrument :
BNA_G
ClientSampleId :
PB113130BS

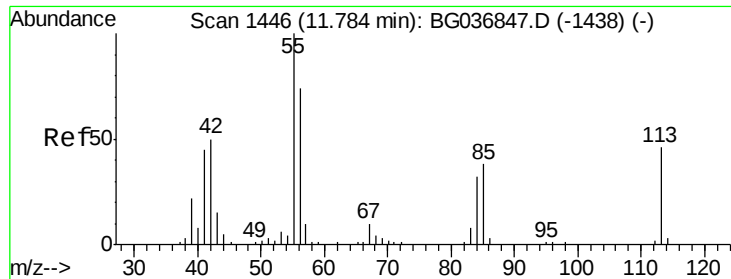
Tgt Ion:	127	Resp:	86996
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.9	38.9
65	37.3	27.5	41.3
92	20.6	16.2	24.2



#34
Hexachlorobutadiene
Concen: 39.644 ng
RT: 11.18 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

Tgt Ion:	225	Resp:	84630
Ion	Ratio	Lower	Upper
225	100		
223	65.0	51.8	77.8
227	64.1	49.8	74.6

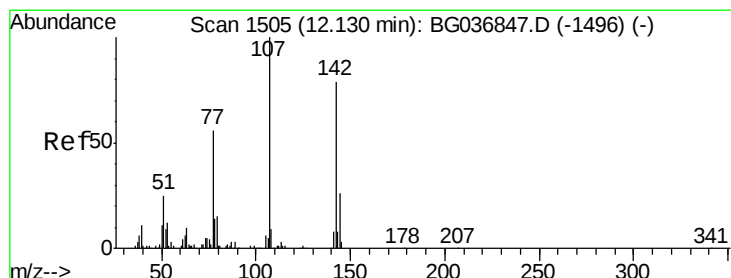
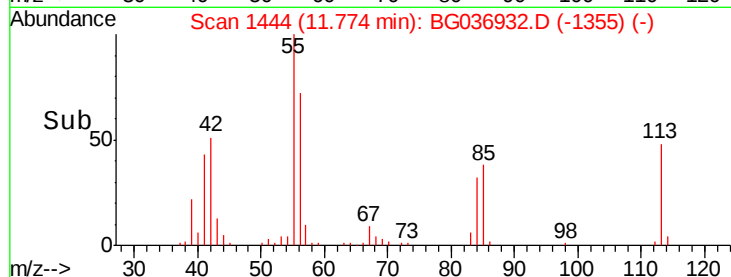
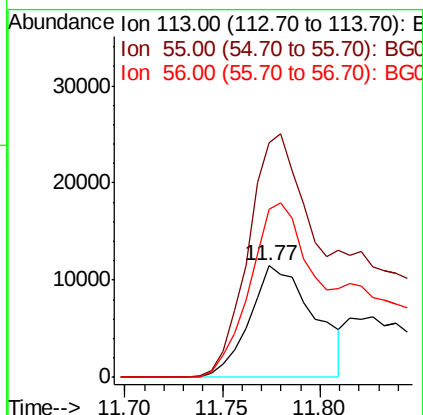
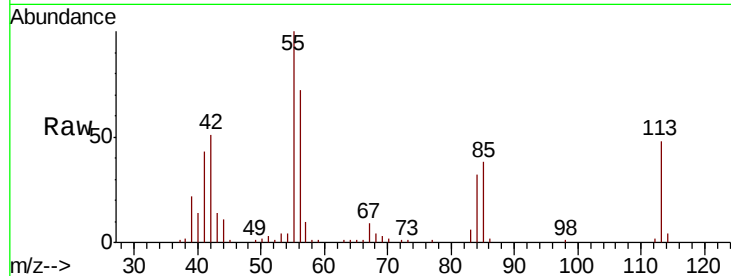




#35
 Caprolactam
 Concen: 25.831 ng
 RT: 11.77 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

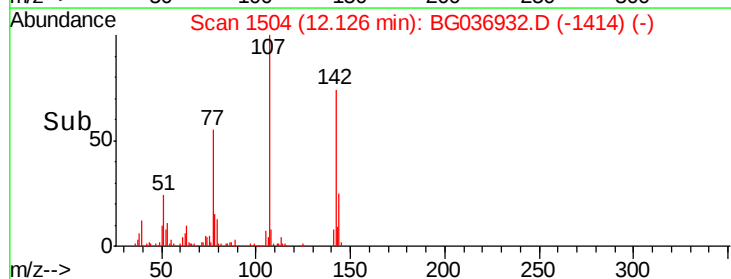
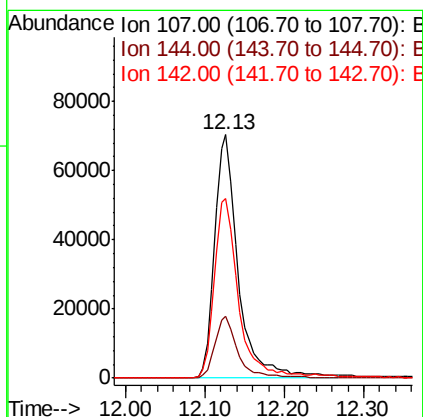
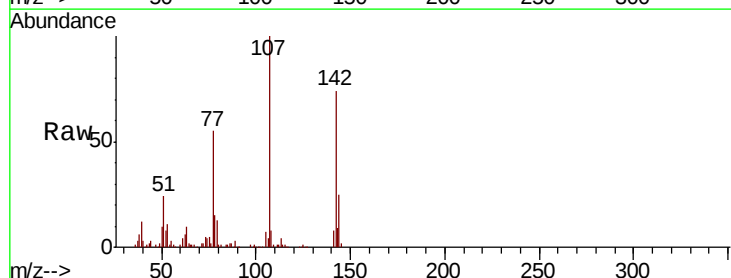
Instrument :
 BNA_G
 ClientSampleId :
 PB113130BS

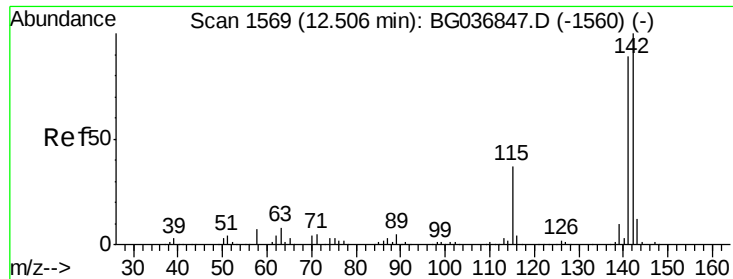
Tgt Ion:113 Resp: 26225
 Ion Ratio Lower Upper
 113 100
 55 210.0 197.7 237.7
 56 150.9 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 49.543 ng
 RT: 12.13 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Tgt Ion:107 Resp: 145820
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.5 29.3
 142 73.8 62.4 93.6

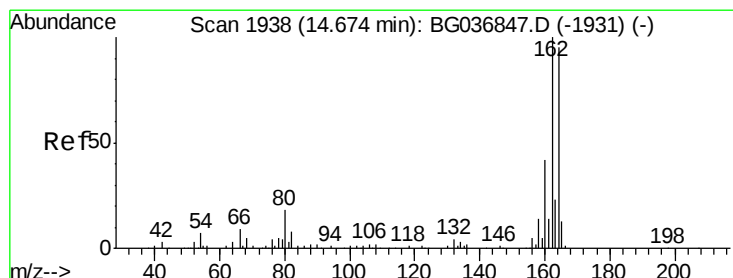
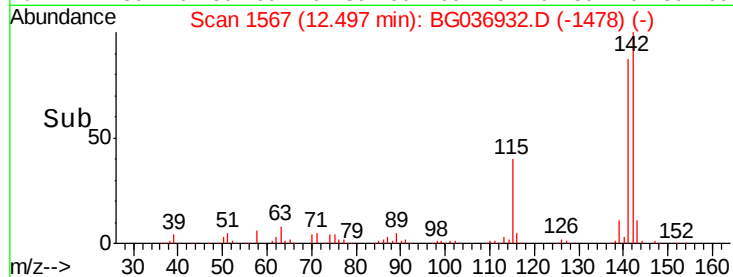
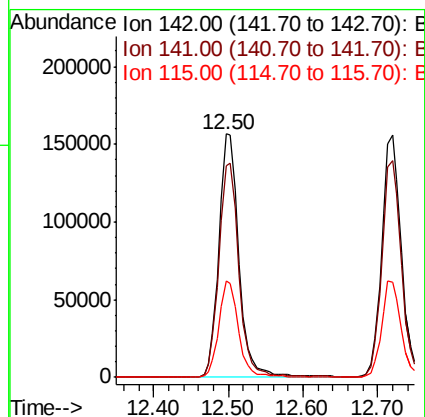
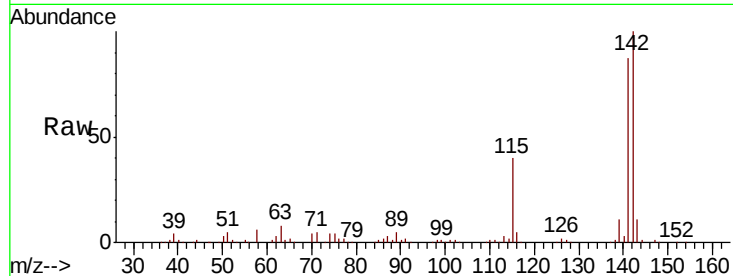




#37
 2-Methylnaphthalene
 Concen: 46.932 ng
 RT: 12.50 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

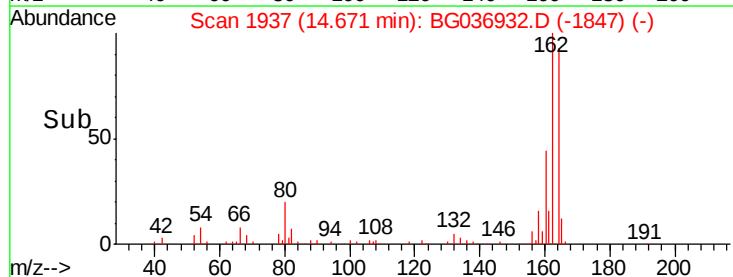
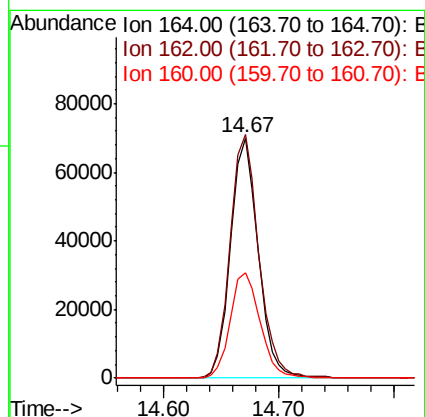
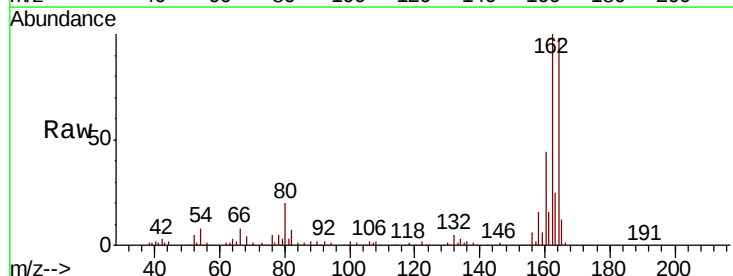
Instrument :
 BNA_G
 ClientSampleId :
 PB113130BS

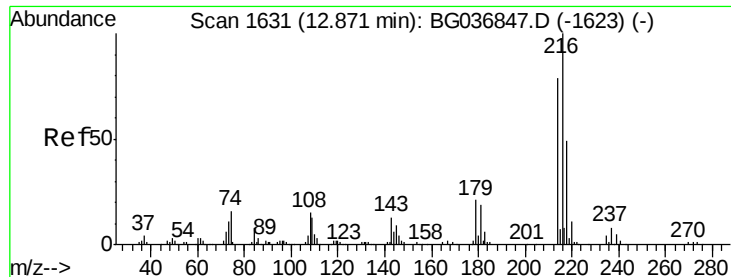
Tgt Ion:142 Resp: 292283
 Ion Ratio Lower Upper
 142 100
 141 87.1 68.5 102.7
 115 39.7 29.8 44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Tgt Ion:164 Resp: 116357
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.7 121.1
 160 44.2 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.353 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

PB113130BS

Tgt Ion:216 Resp: 167825

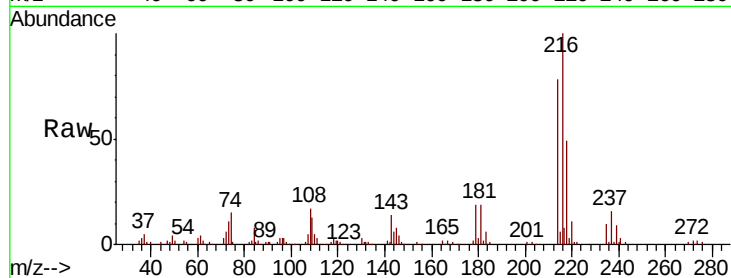
Ion Ratio Lower Upper

216 100

214 76.7 61.0 91.6

179 19.2 15.7 23.5

108 18.7 13.1 19.7

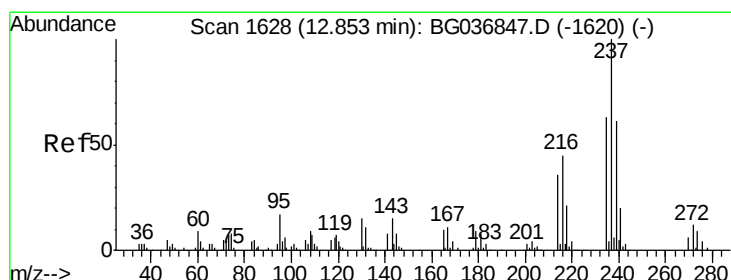
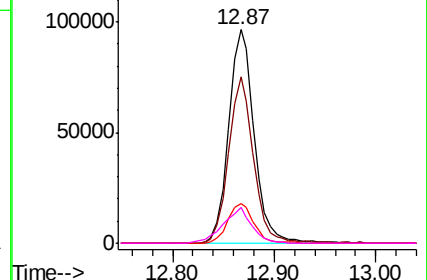
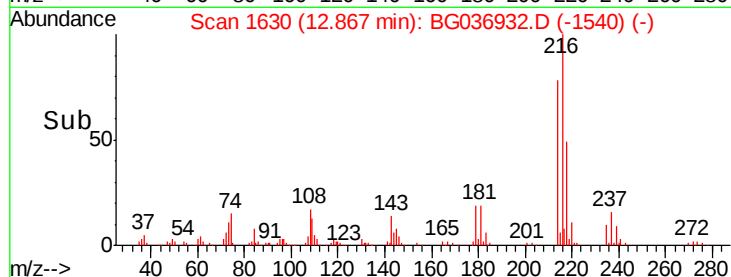


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 98.225 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

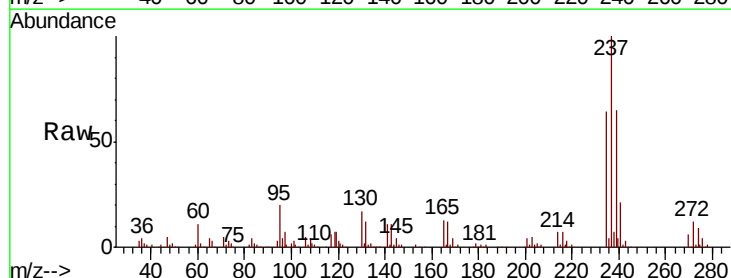
Tgt Ion:237 Resp: 205017

Ion Ratio Lower Upper

237 100

235 64.3 42.2 82.2

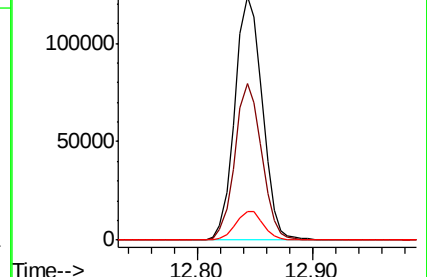
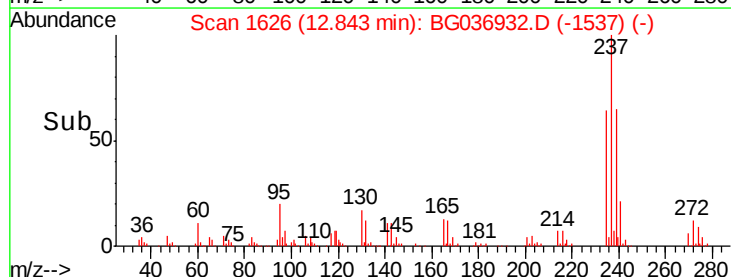
272 11.7 0.0 32.1

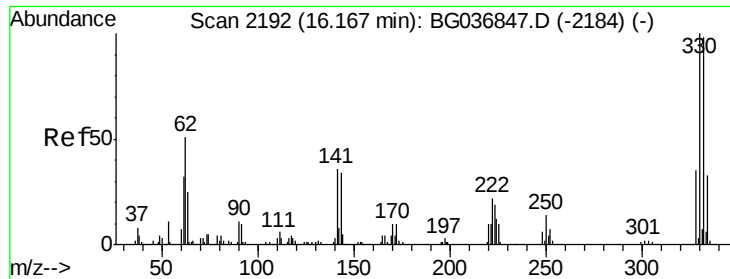


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

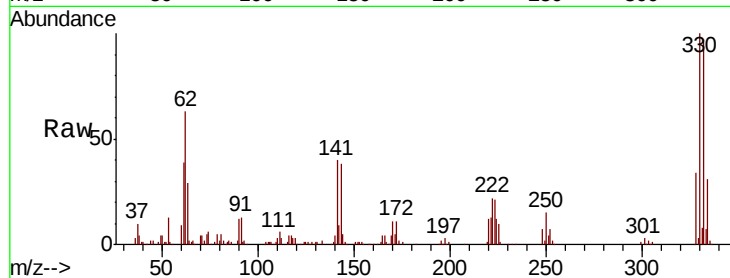




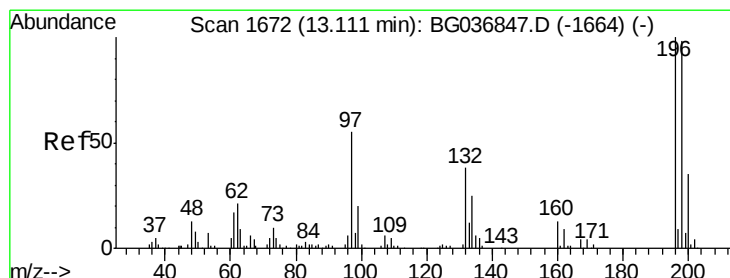
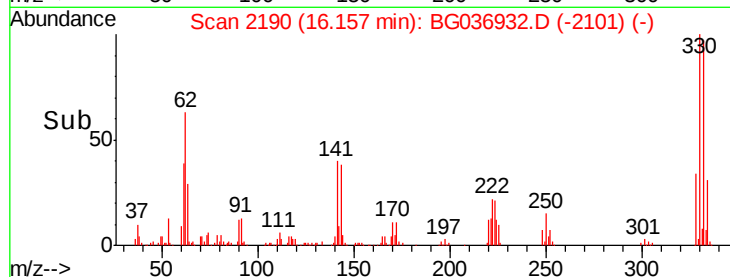
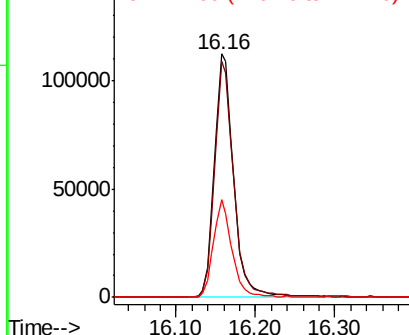
#41
 2,4,6-Tribromophenol
 Concen: 135.670 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Instrument :
 BNA_G
 ClientSampleID :
 PB113130BS

Tgt Ion:330 Resp: 188872
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.2
 141 38.7 30.7 46.1

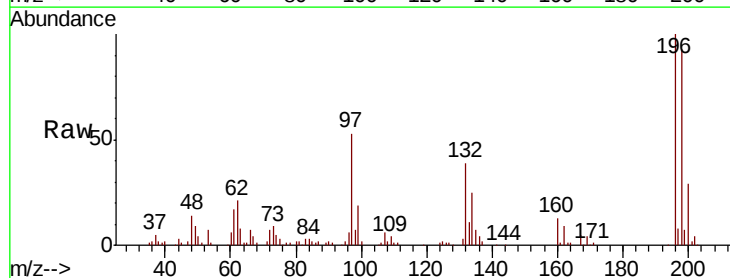


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

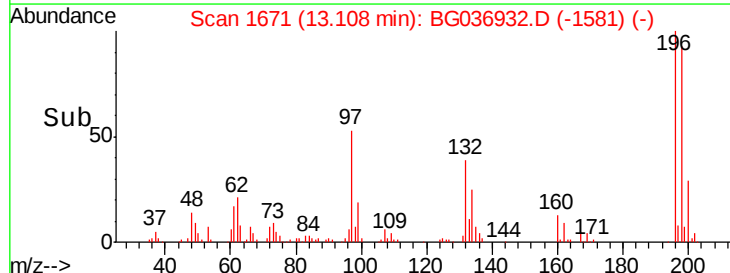
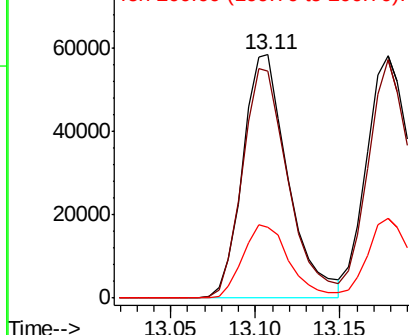


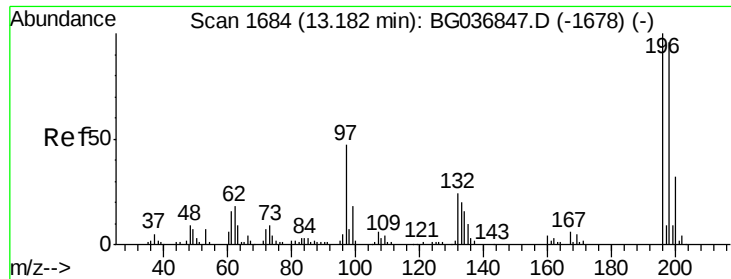
#42
 2,4,6-Trichlorophenol
 Concen: 48.314 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Tgt Ion:196 Resp: 108880
 Ion Ratio Lower Upper
 196 100
 198 93.0 77.2 115.8
 200 29.3 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

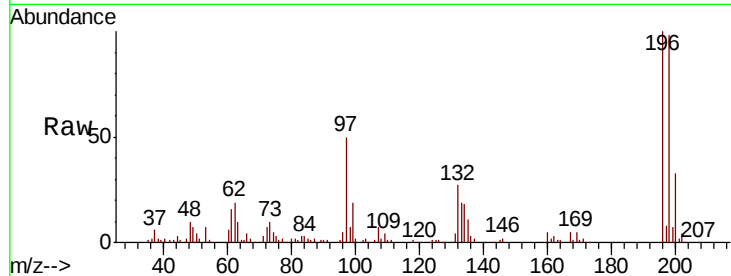




#43
 2,4,5-Trichlorophenol
 Concen: 50.854 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113130BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.4	75.6	113.4
97	50.1	37.2	55.8
132	27.2	19.4	29.2



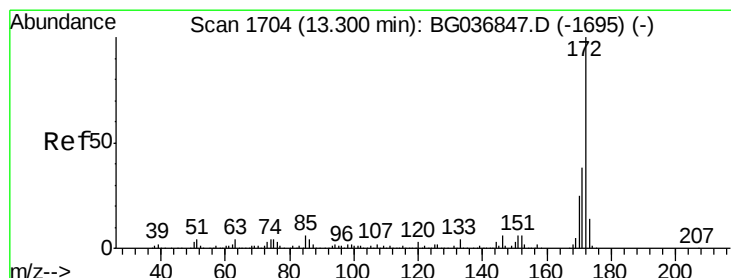
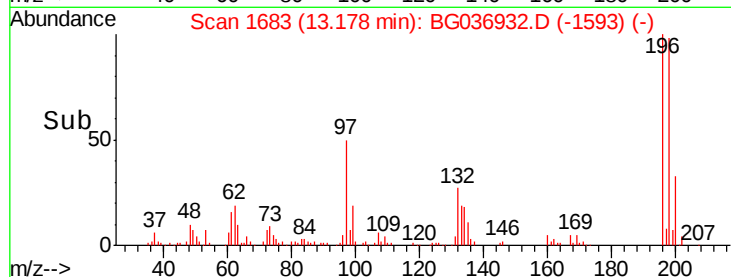
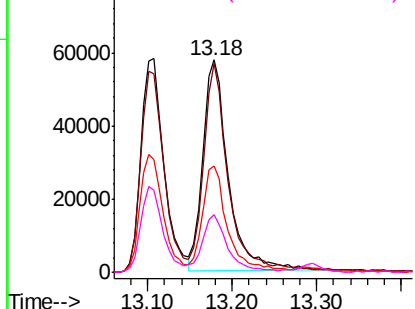
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

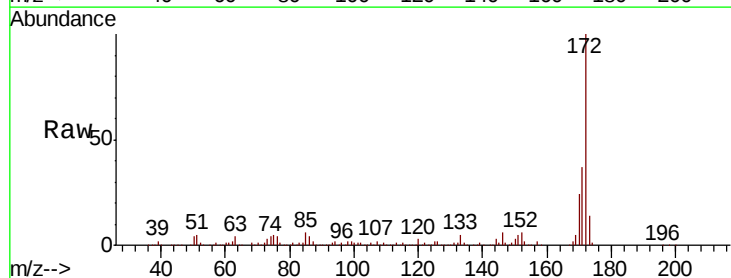
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.233 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.3	46.9
170	24.2	21.0	31.6

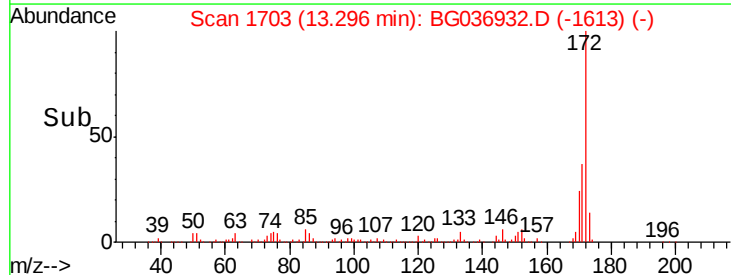
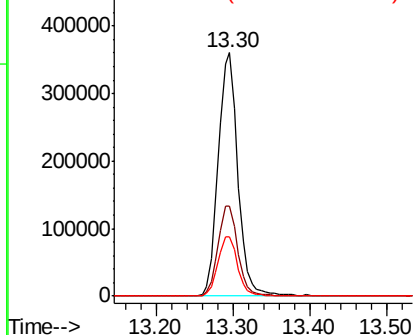


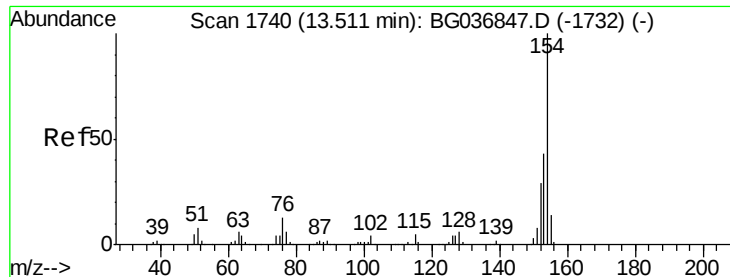
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

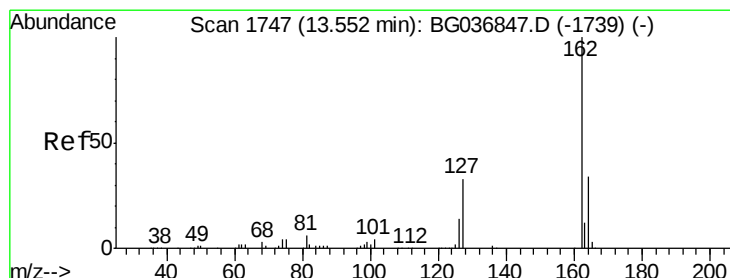
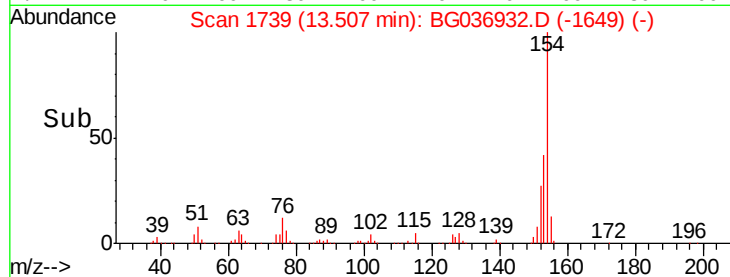
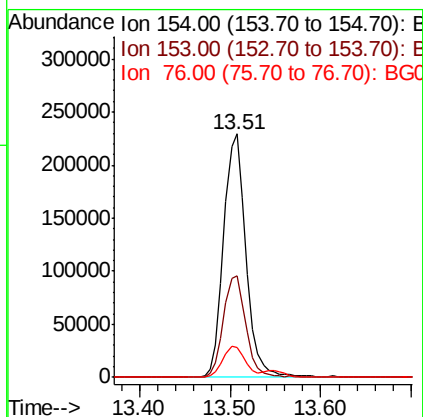
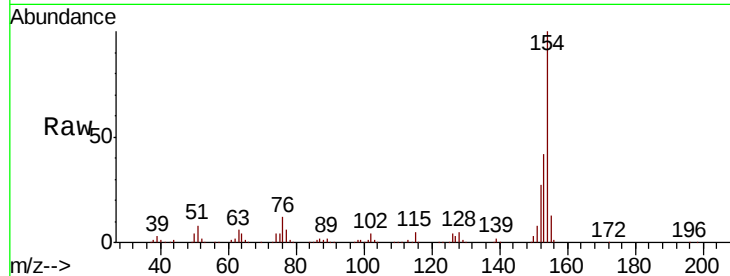




#45
 1,1'-Biphenyl
 Concen: 44.156 ng
 RT: 13.51 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

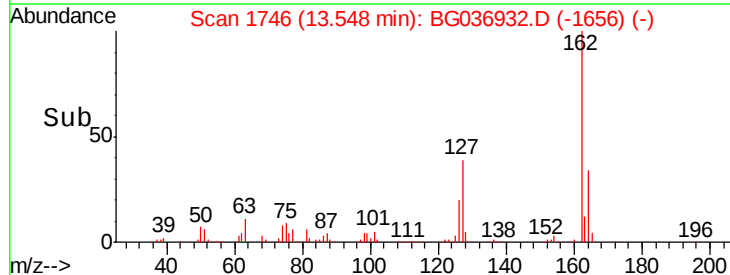
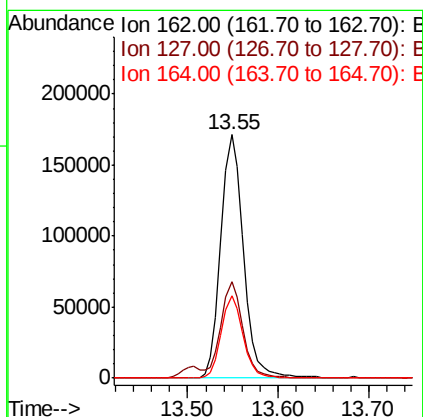
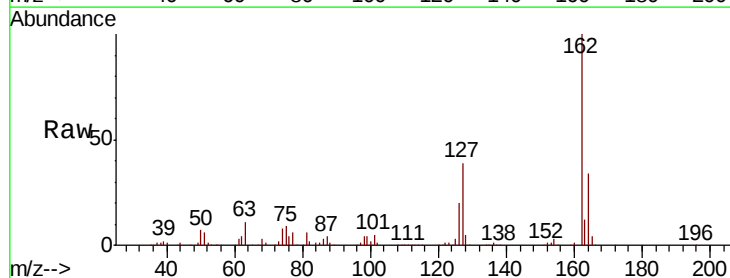
Instrument :
 BNA_G
 ClientSampleId :
 PB113130BS

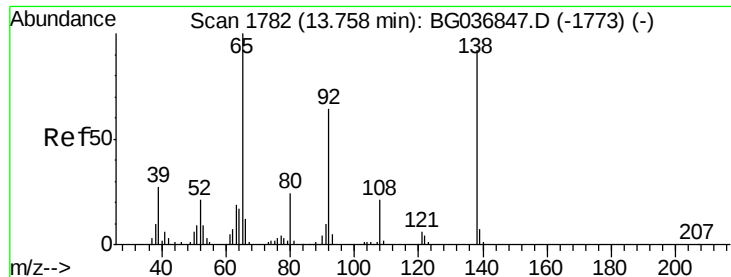
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	24.0	64.0
76	12.2	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 42.621 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	30.7	46.1
164	34.1	26.7	40.1

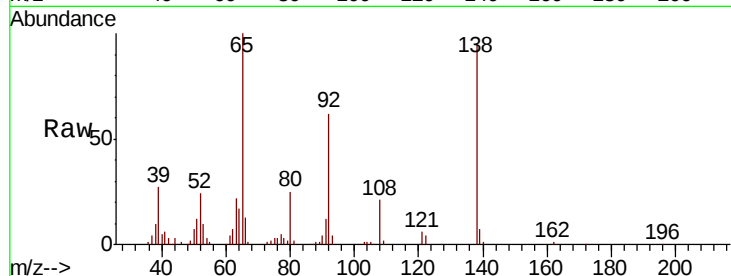




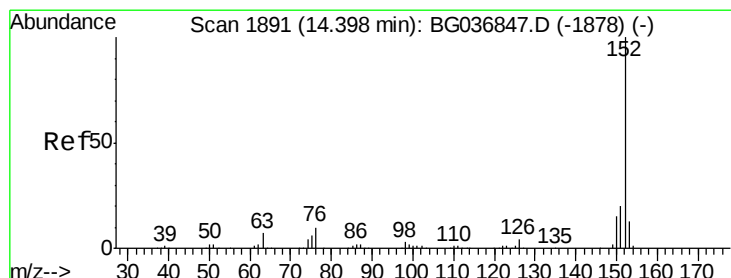
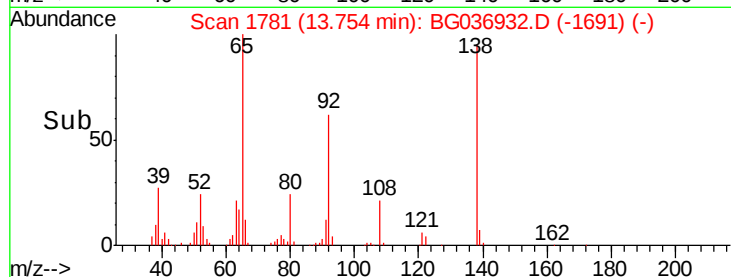
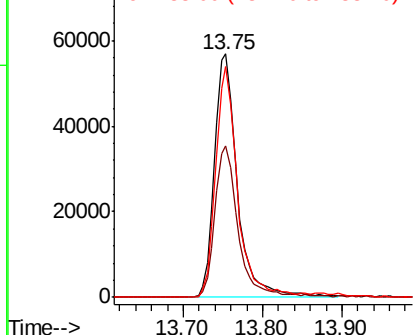
#47
2-Nitroaniline
Concen: 47.134 ng
RT: 13.75 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

Instrument :
BNA_G
ClientSampleId :
PB113130BS

Tgt Ion: 65 Resp: 114250
Ion Ratio Lower Upper
65 100
92 62.4 49.9 74.9
138 94.8 76.2 114.4

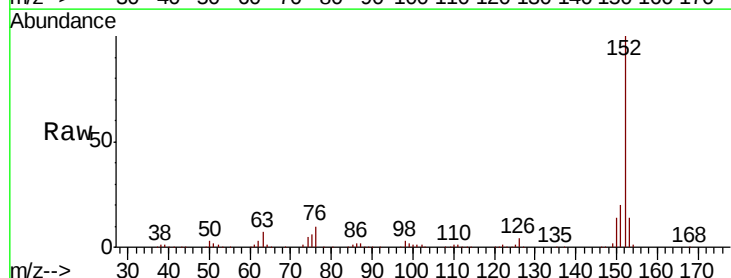


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

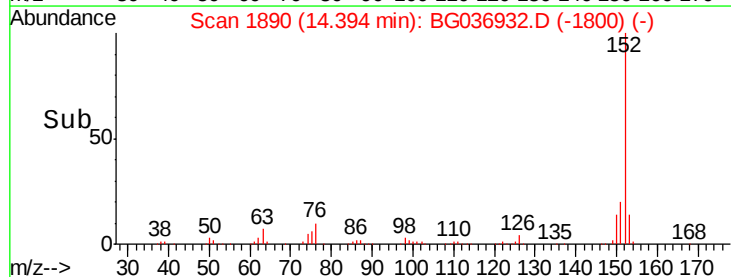
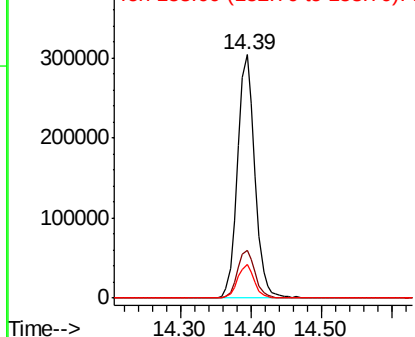


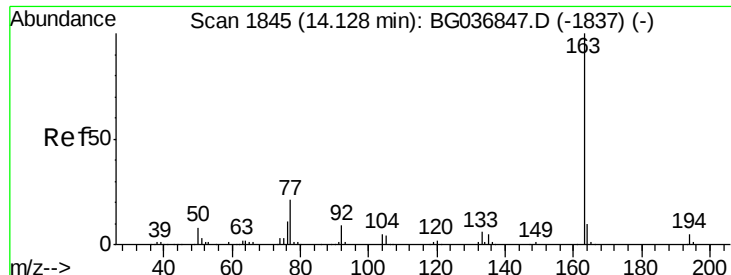
#48
Acenaphthylene
Concen: 47.325 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

Tgt Ion: 152 Resp: 519699
Ion Ratio Lower Upper
152 100
151 19.7 16.9 25.3
153 13.6 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: 44.381 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

PB113130BS

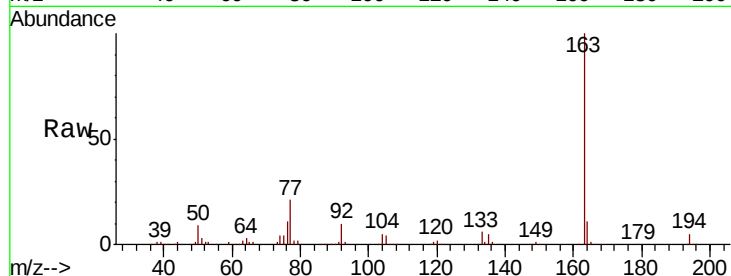
Tgt Ion:163 Resp: 415667

Ion Ratio Lower Upper

163 100

194 4.9 4.0 6.0

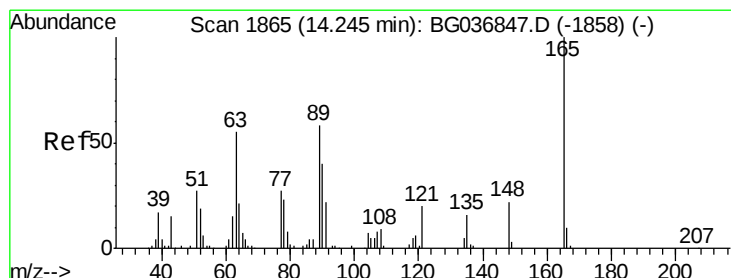
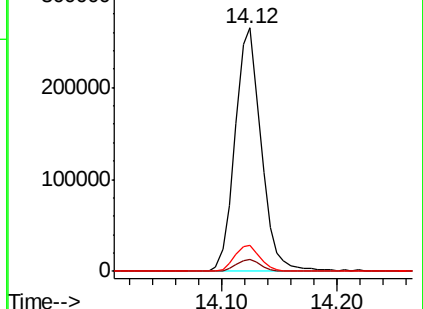
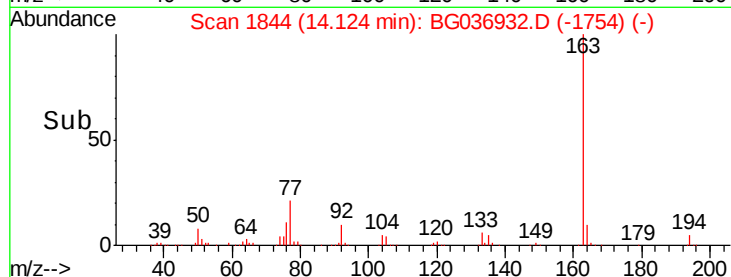
164 10.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.391 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

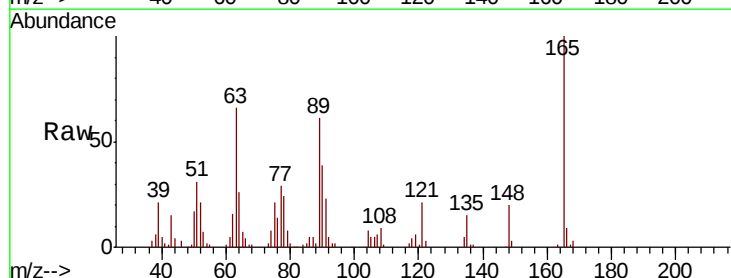
Tgt Ion:165 Resp: 92755

Ion Ratio Lower Upper

165 100

63 66.1 50.1 75.1

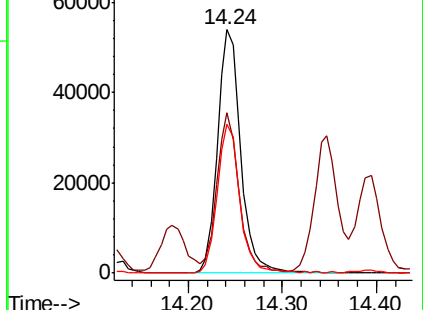
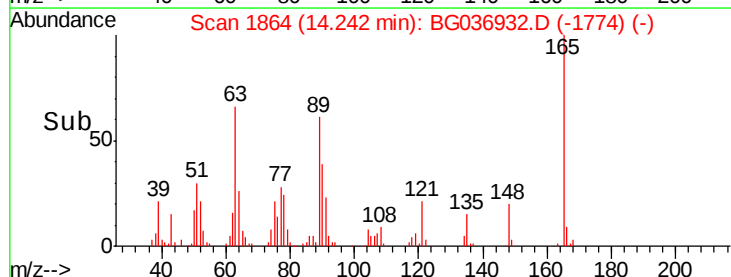
89 61.1 47.8 71.6

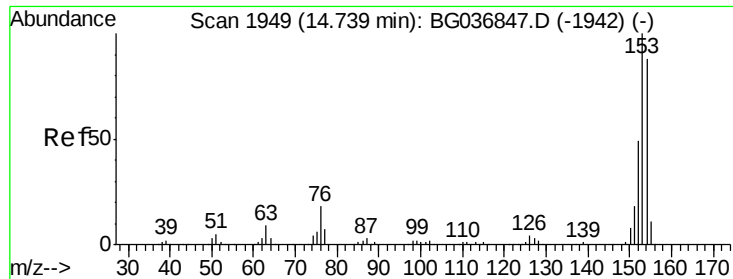


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 45.466 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

PB113130BS

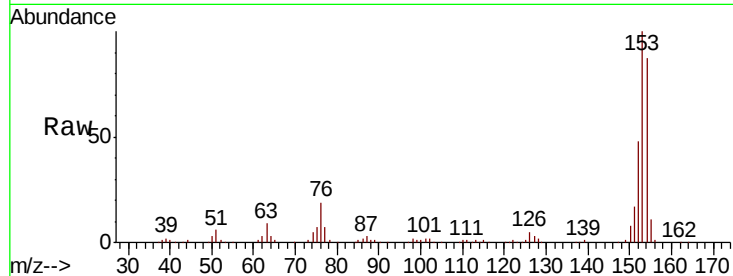
Tgt Ion:154 Resp: 301757

Ion Ratio Lower Upper

154 100

153 115.4 91.8 137.6

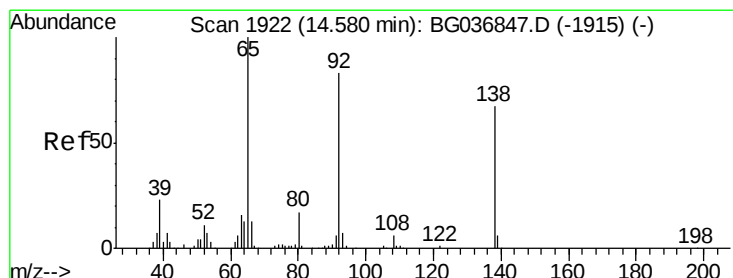
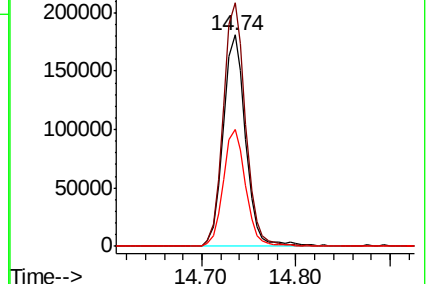
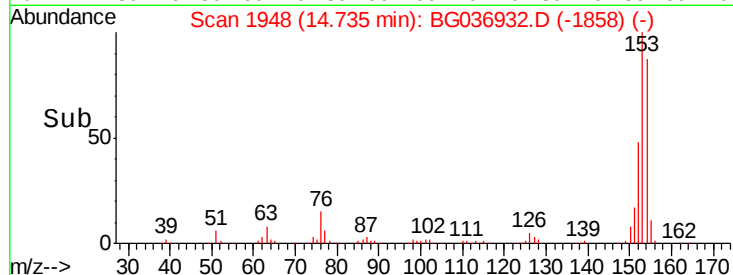
152 55.3 43.5 65.3



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: 31.366 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

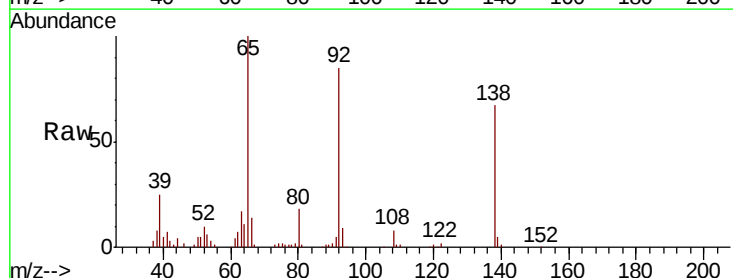
Tgt Ion:138 Resp: 67541

Ion Ratio Lower Upper

138 100

108 11.7 9.4 14.2

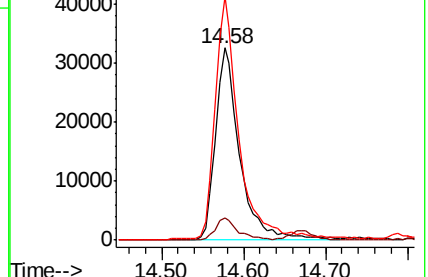
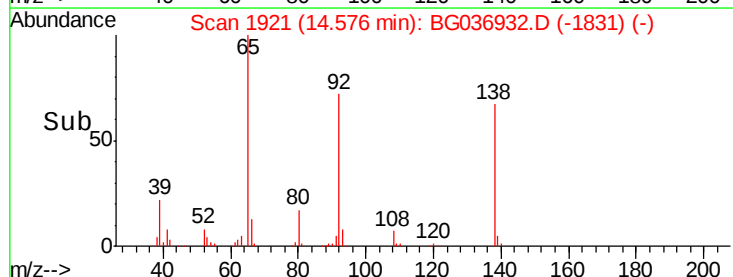
92 126.7 96.8 145.2

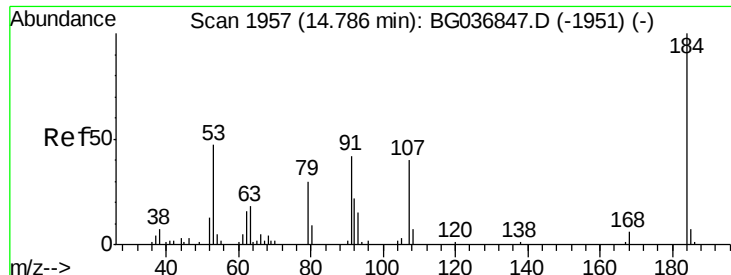


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 14.854 ng

RT: 14.79 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

PB113130BS

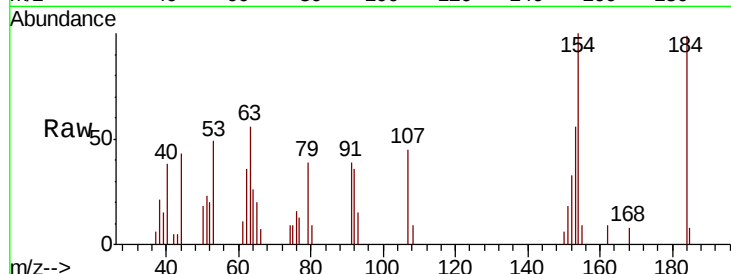
Tgt Ion:184 Resp: 7629

Ion Ratio Lower Upper

184 100

63 56.9 47.3 70.9

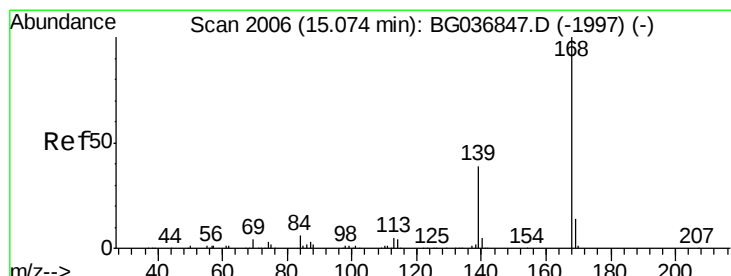
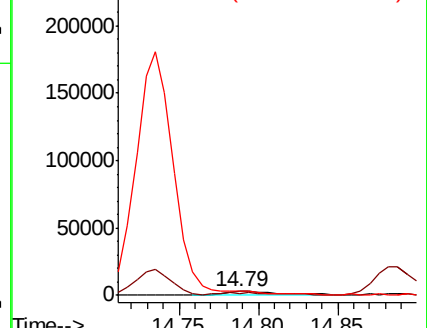
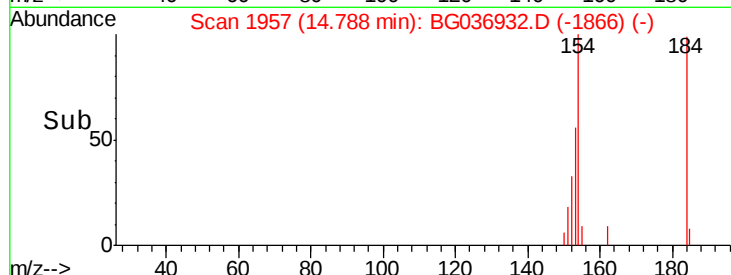
154 101.4 51.1 76.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 44.669 ng

RT: 15.07 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

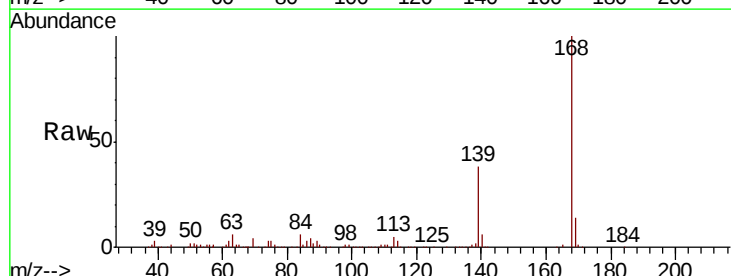
Tgt Ion:168 Resp: 501471

Ion Ratio Lower Upper

168 100

139 38.5 31.0 46.6

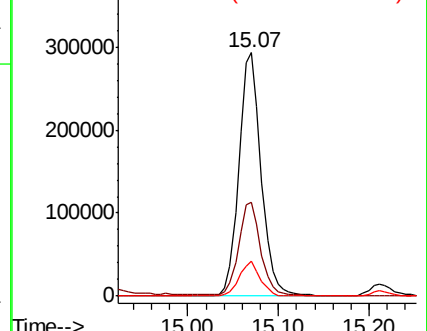
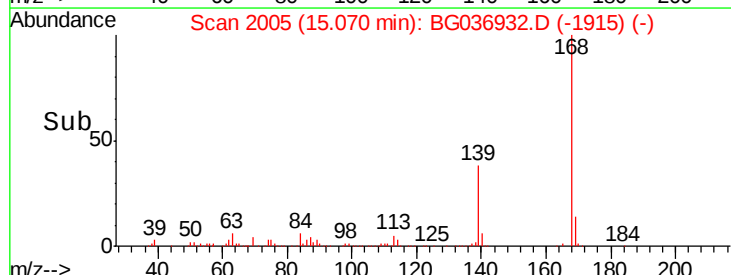
169 14.1 11.1 16.7

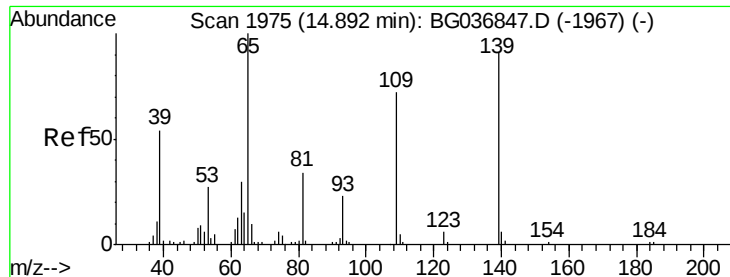


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

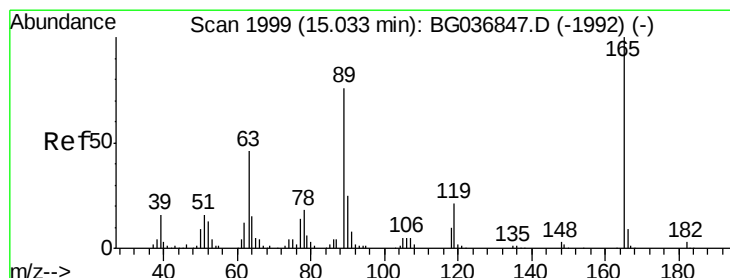
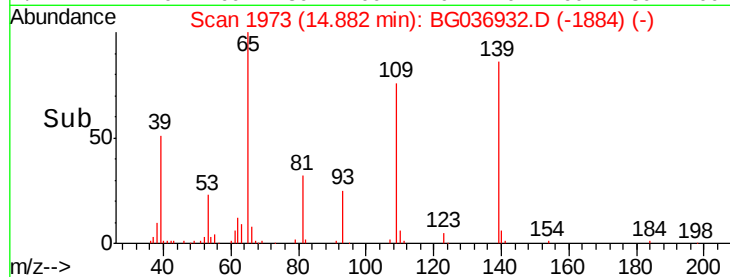
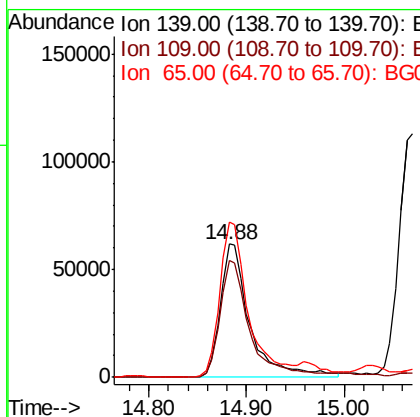
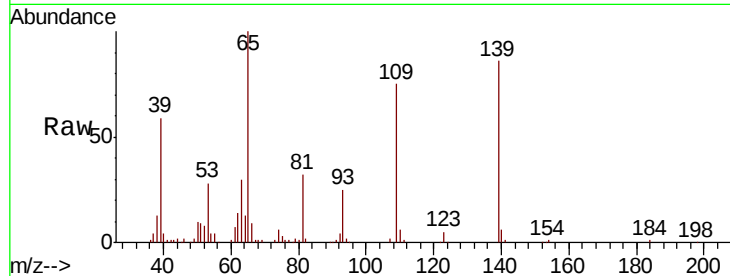




#55
4-Nitrophenol
Concen: 94.428 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

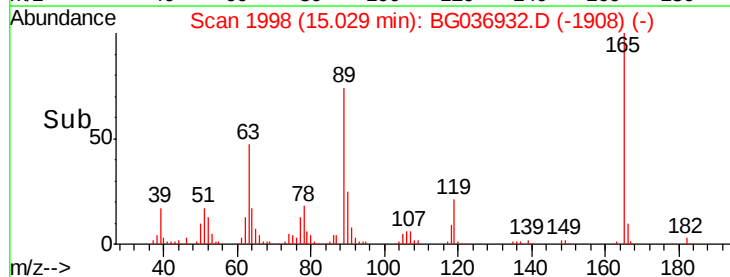
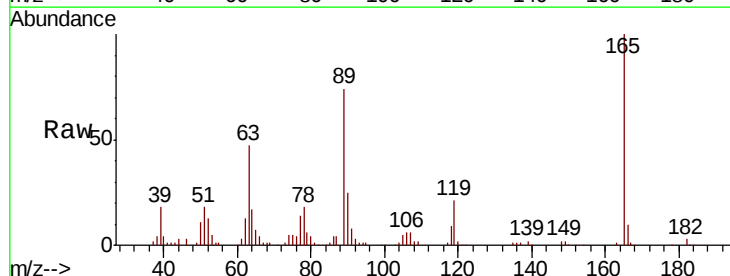
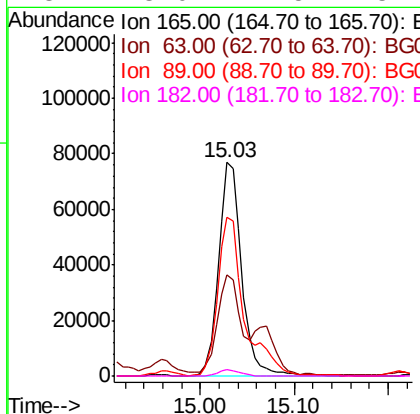
Instrument :
BNA_G
ClientSampleId :
PB113130BS

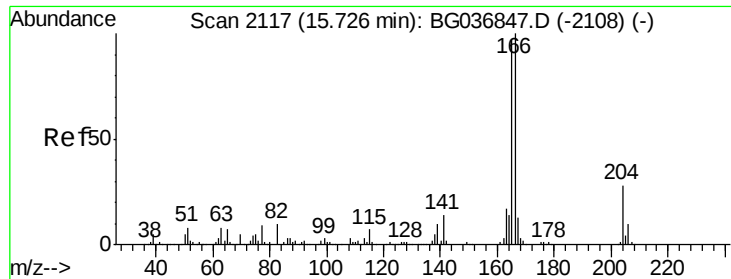
Tgt Ion:139 Resp: 129898
Ion Ratio Lower Upper
139 100
109 87.6 63.9 103.9
65 116.6 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 46.036 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

Tgt Ion:165 Resp: 131270
Ion Ratio Lower Upper
165 100
63 47.5 40.1 60.1
89 74.4 63.7 95.5
182 3.0 2.5 3.7





#57

Fluorene

Concen: 48.004 ng

RT: 15.72 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

PB113130BS

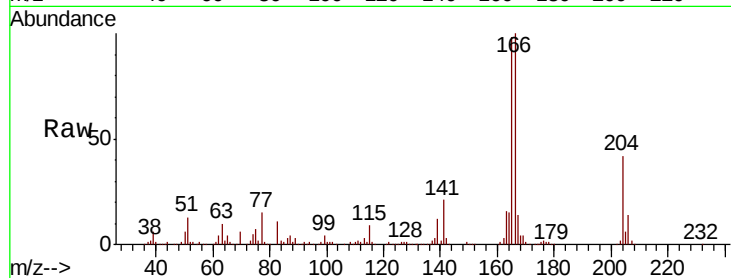
Tgt Ion:166 Resp: 402799

Ion Ratio Lower Upper

166 100

165 98.0 77.0 115.4

167 14.3 10.6 16.0

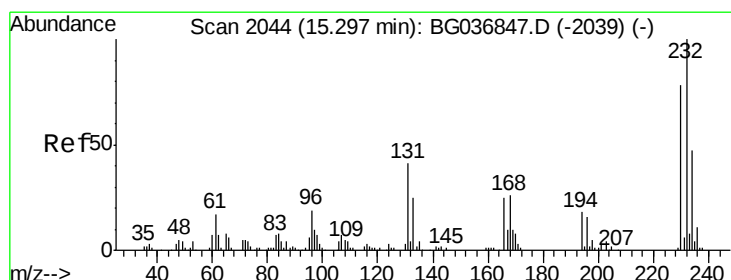
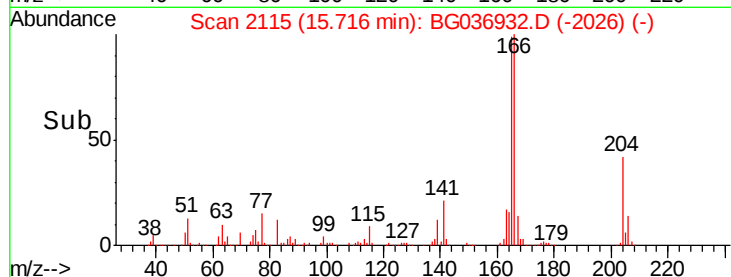
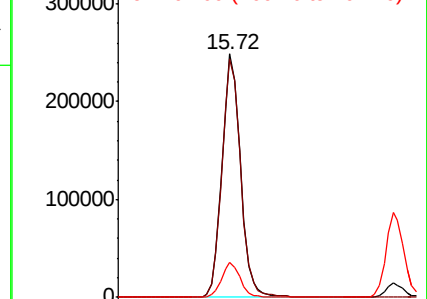


Abundance

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: 51.250 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

Tgt Ion:232 Resp: 124935

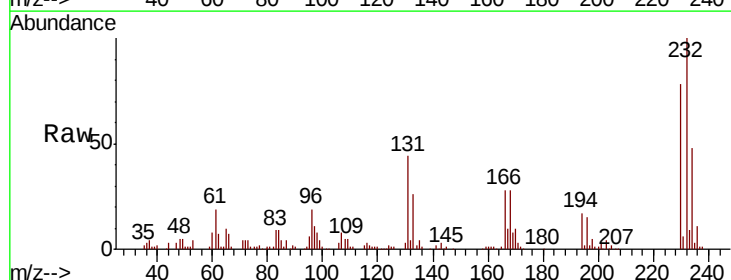
Ion Ratio Lower Upper

232 100

131 40.9 33.8 50.8

130 2.4 2.1 3.1

166 28.7 22.3 33.5



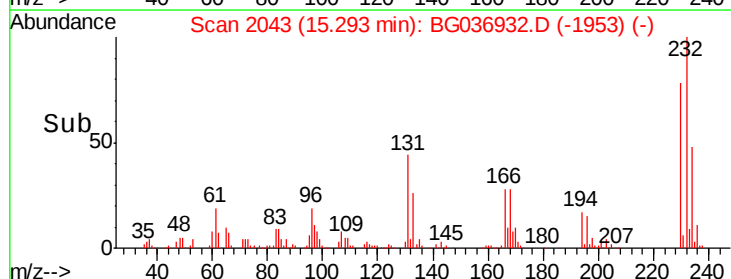
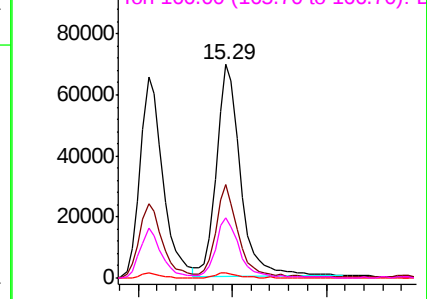
Abundance

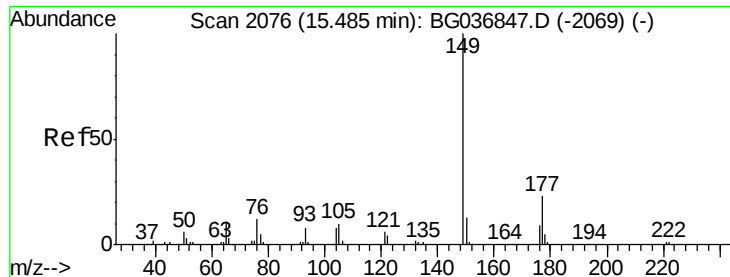
Ion 232.00 (231.70 to 232.70): E

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

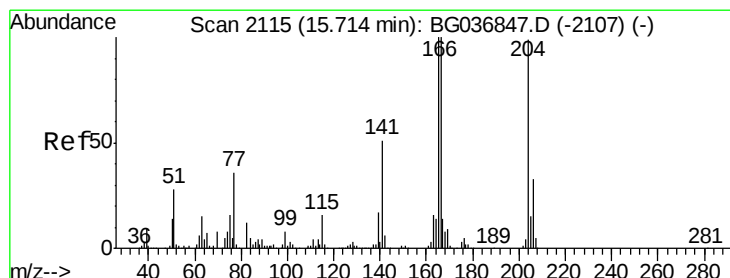
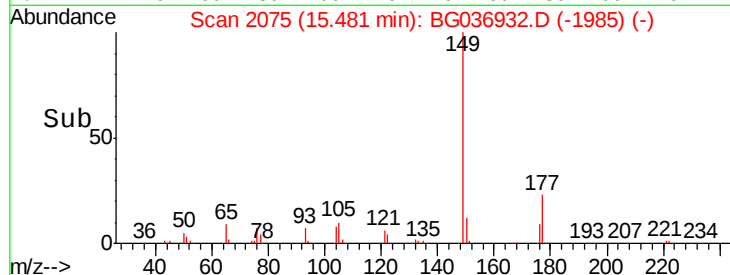
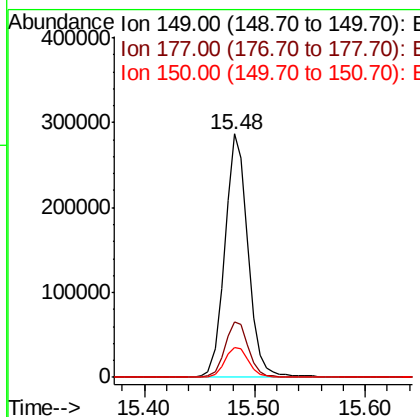
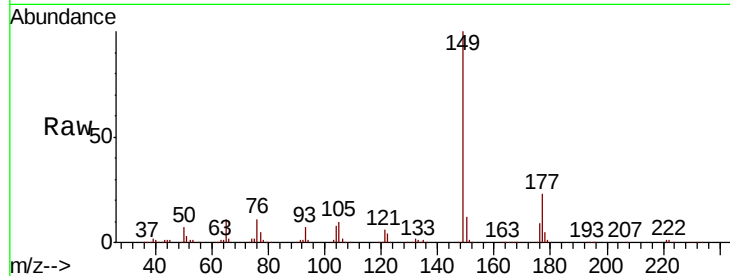




#59
Diethylphthalate
Concen: 44.493 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

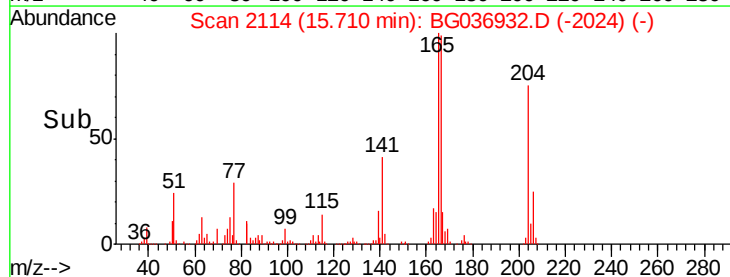
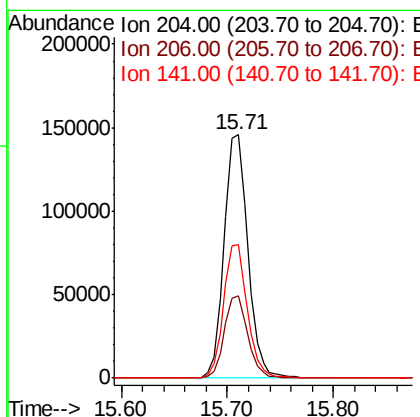
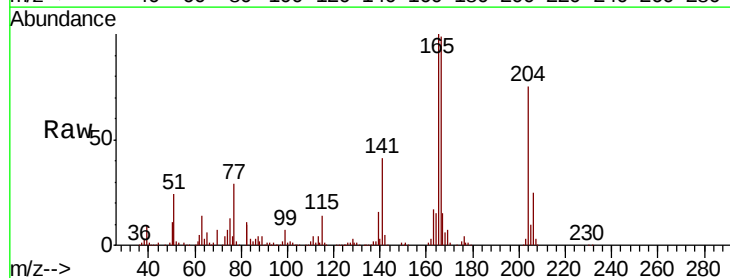
Instrument :
BNA_G
ClientSampleId :
PB113130BS

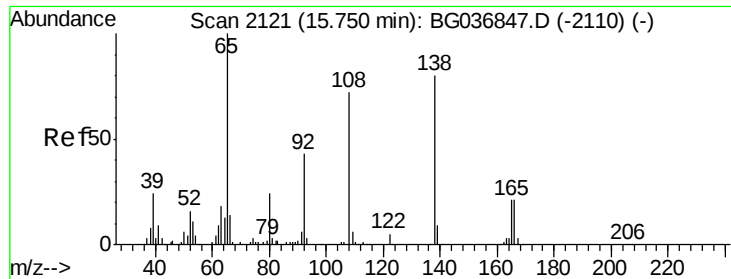
Tgt Ion:149 Resp: 420304
Ion Ratio Lower Upper
149 100
177 22.9 19.1 28.7
150 12.2 10.7 16.1



#60
4-Chlorophenyl-phenylether
Concen: 42.882 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

Tgt Ion:204 Resp: 227872
Ion Ratio Lower Upper
204 100
206 33.9 27.0 40.4
141 54.6 43.8 65.6

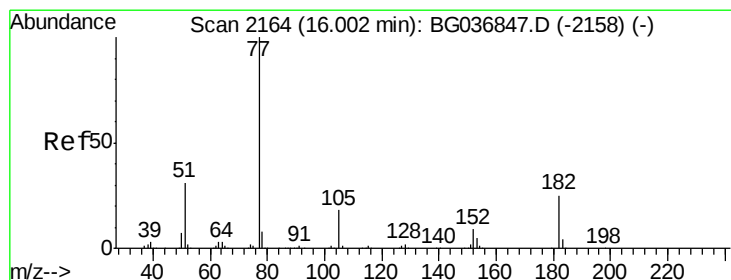
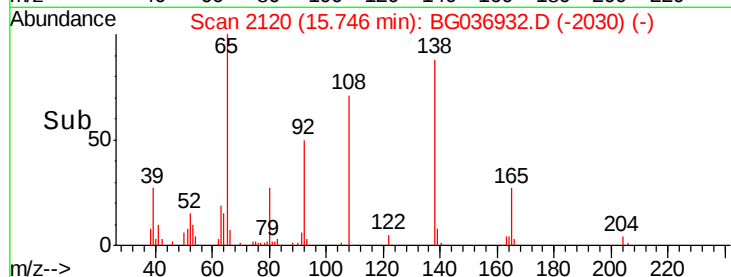
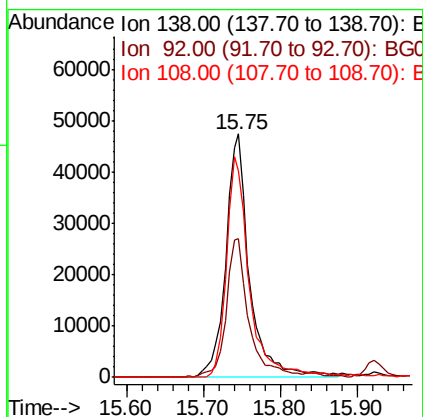
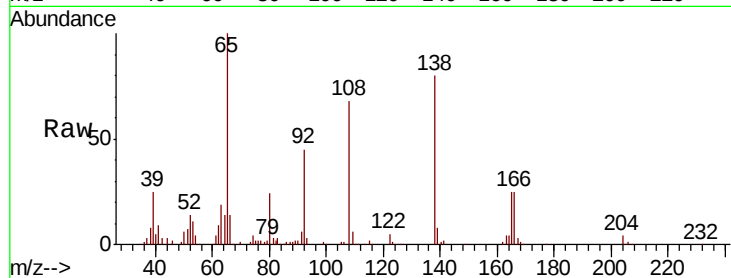




#61
4-Nitroaniline
Concen: 45.005 ng
RT: 15.75 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

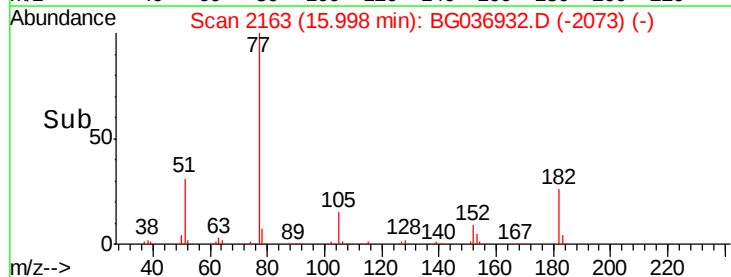
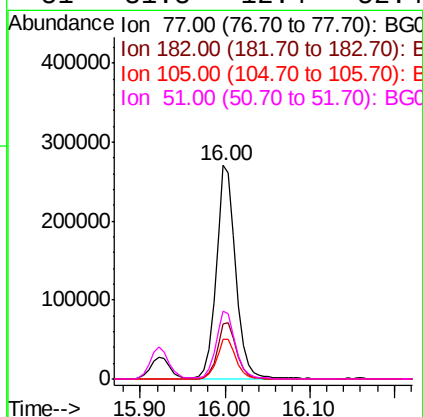
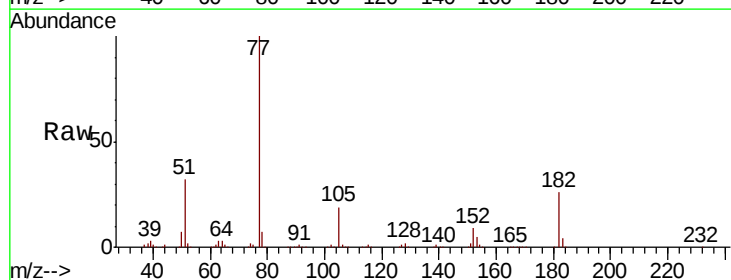
Instrument :
BNA_G
ClientSampleId :
PB113130BS

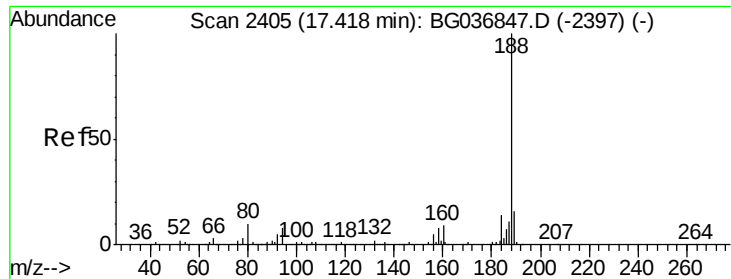
Tgt Ion:138 Resp: 101937
Ion Ratio Lower Upper
138 100
92 56.7 38.5 78.5
108 84.9 70.3 110.3



#62
Azobenzene
Concen: 47.824 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

Tgt Ion: 77 Resp: 434083
Ion Ratio Lower Upper
77 100
182 25.8 6.7 46.7
105 18.6 0.0 39.8
51 31.8 12.4 52.4

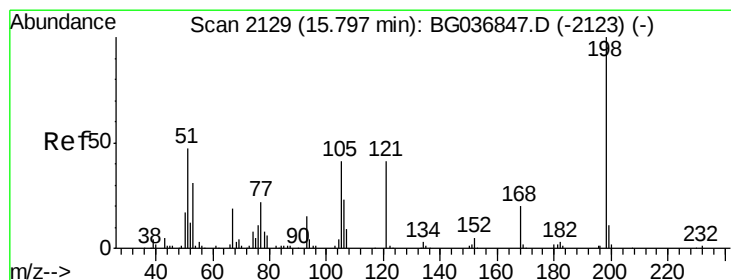
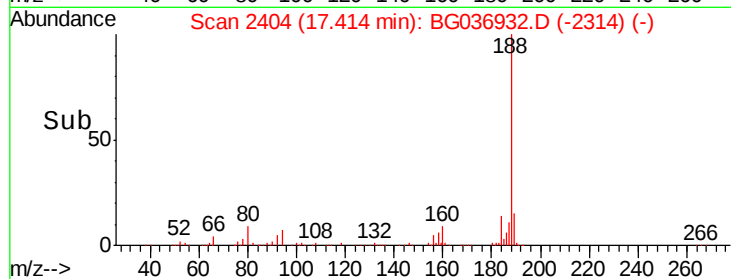
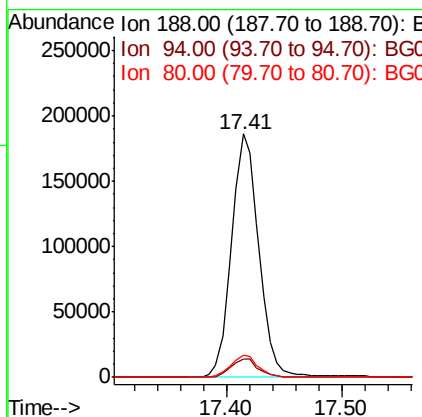
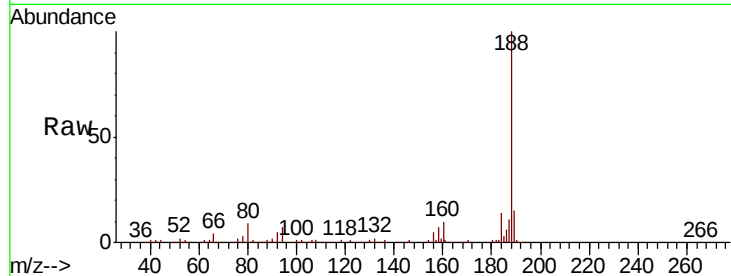




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

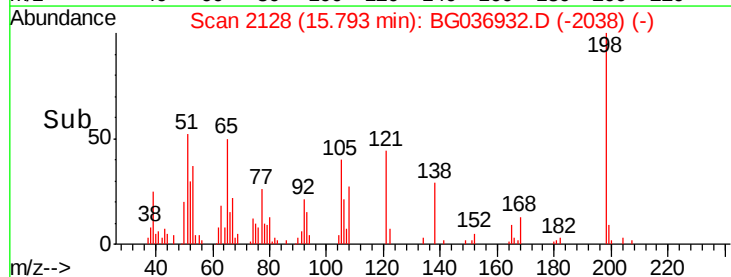
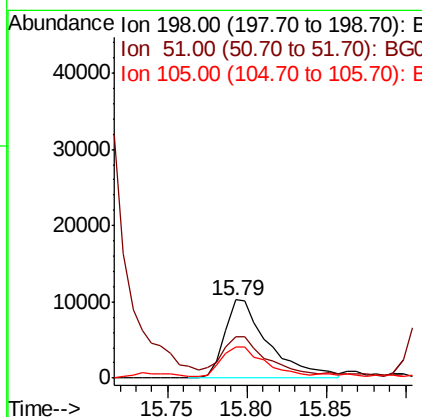
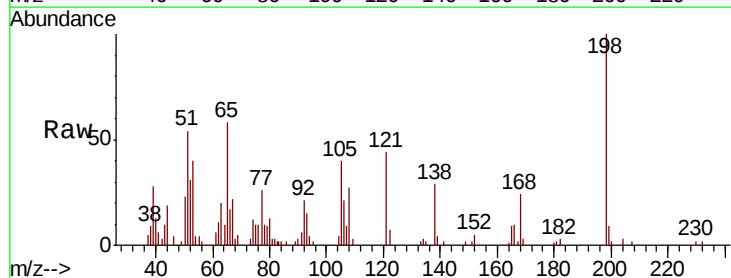
Instrument :
BNA_G
ClientSampleId :
PB113130BS

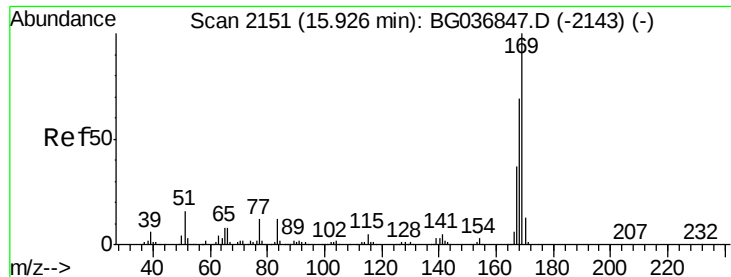
Tgt Ion:188 Resp: 304595
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.9 8.1 12.1



#64
4,6-Dinitro-2-methylphenol
Concen: 12.347 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

Tgt Ion:198 Resp: 19663
Ion Ratio Lower Upper
198 100
51 53.7 26.5 66.5
105 40.4 20.2 60.2

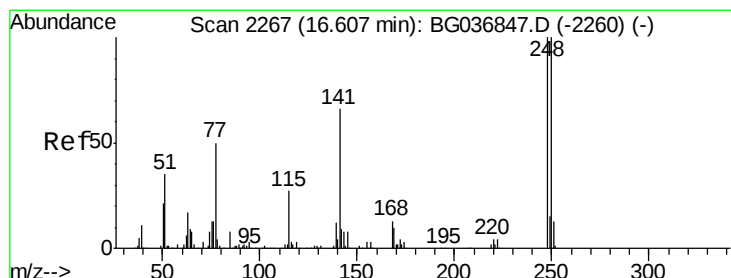
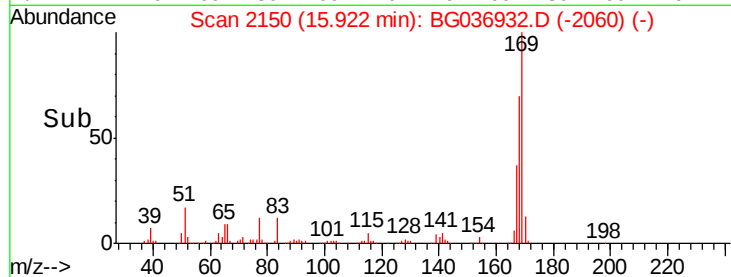
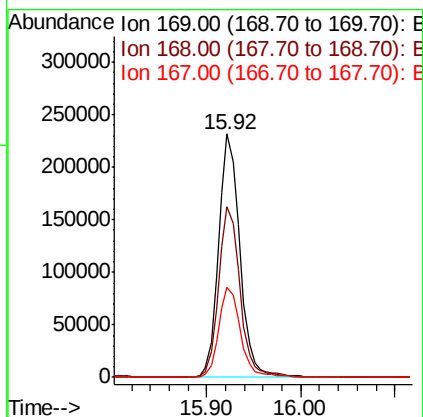
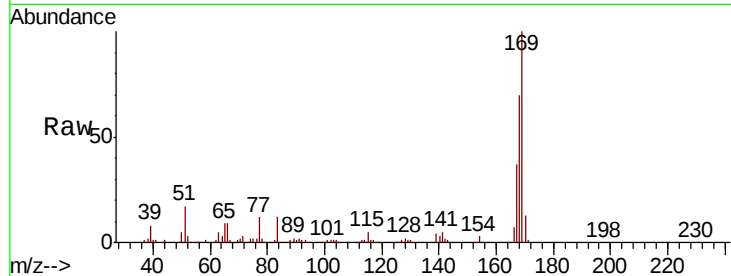




#65
 n-Nitrosodiphenylamine
 Concen: 43.609 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

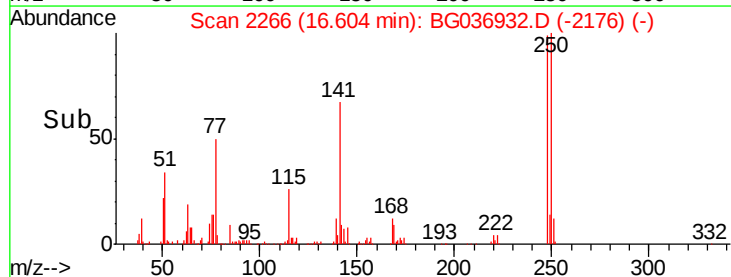
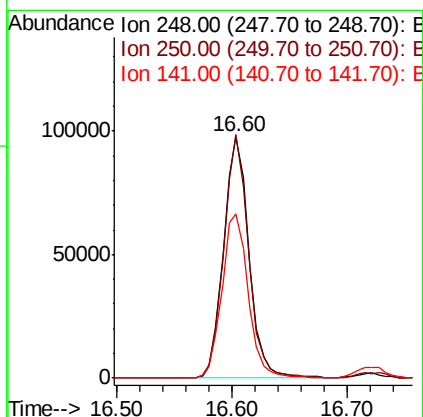
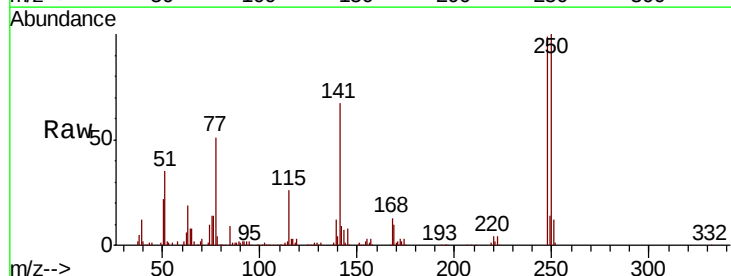
Instrument :
 BNA_G
 ClientSampleId :
 PB113130BS

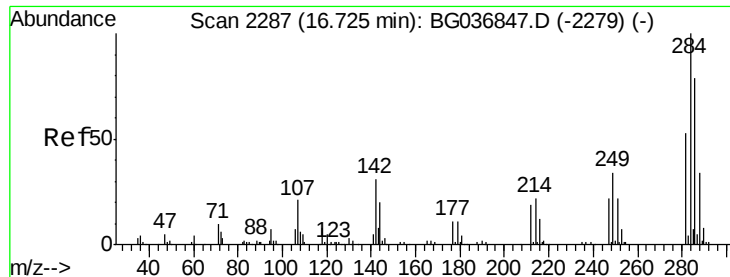
Tgt Ion:169 Resp: 366711
 Ion Ratio Lower Upper
 169 100
 168 70.3 57.6 86.4
 167 37.2 31.0 46.4



#66
 4-Bromophenyl-phenylether
 Concen: 42.955 ng
 RT: 16.60 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Tgt Ion:248 Resp: 148821
 Ion Ratio Lower Upper
 248 100
 250 100.9 78.1 117.1
 141 67.8 53.7 80.5

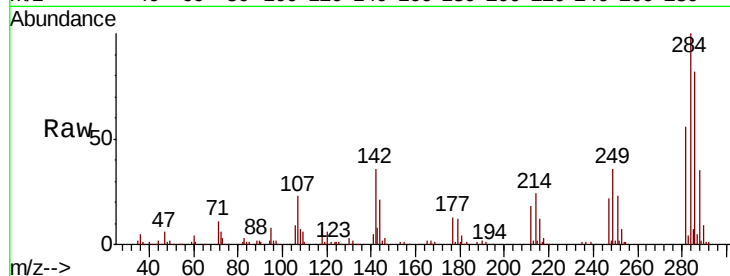




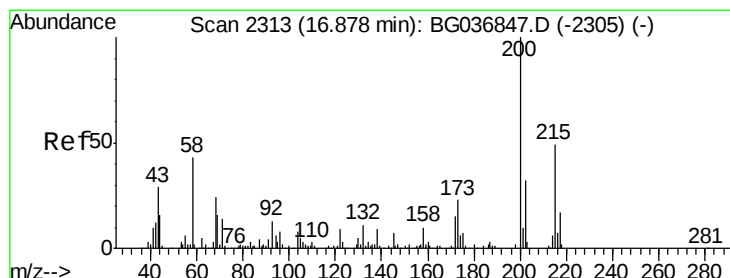
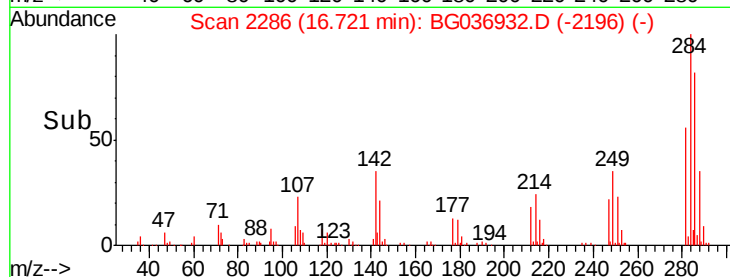
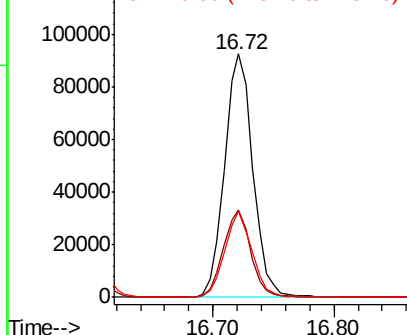
#67
Hexachlorobenzene
Concen: 42.060 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

Instrument :
BNA_G
ClientSampleId :
PB113130BS

Tgt Ion:284 Resp: 150084
Ion Ratio Lower Upper
284 100
142 35.8 27.8 41.6
249 35.6 27.4 41.2

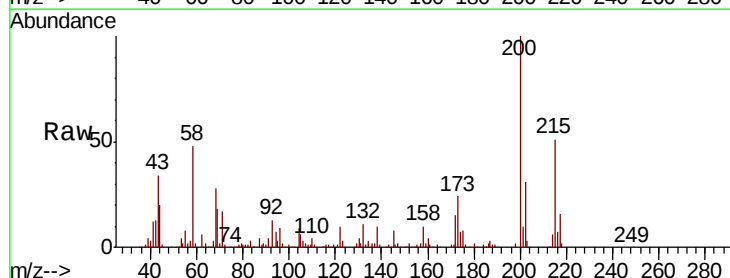


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

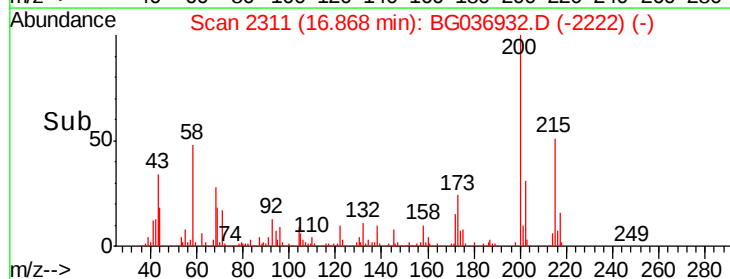
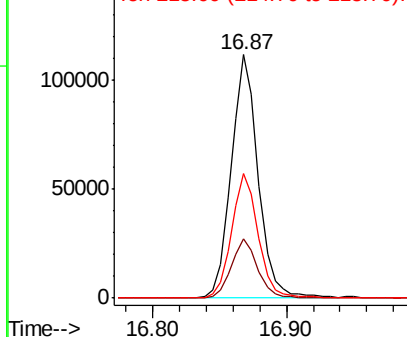


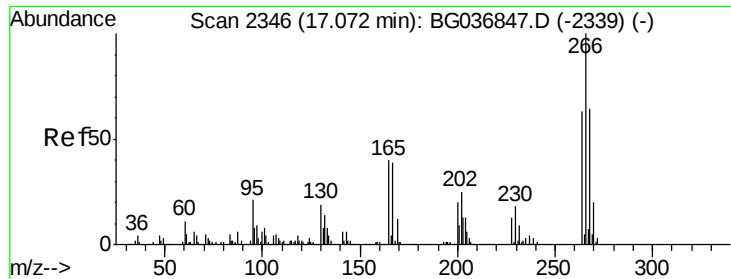
#68
Atrazine
Concen: 46.241 ng
RT: 16.87 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

Tgt Ion:200 Resp: 157445
Ion Ratio Lower Upper
200 100
173 24.2 3.9 43.9
215 51.1 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

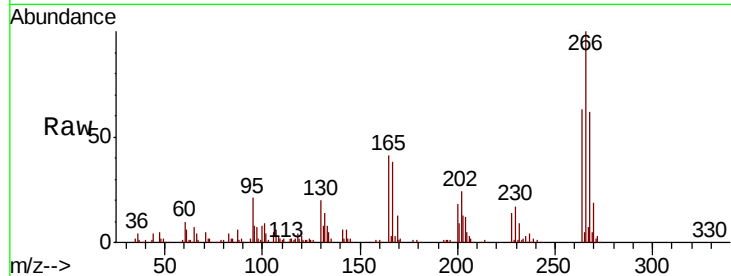




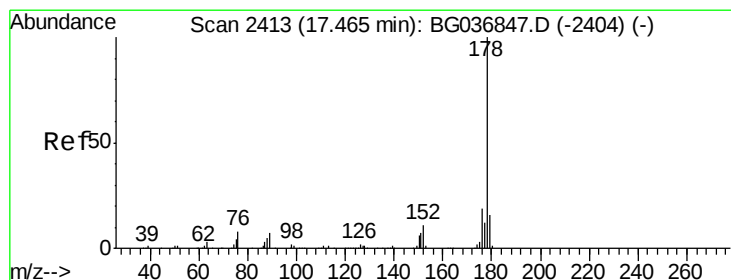
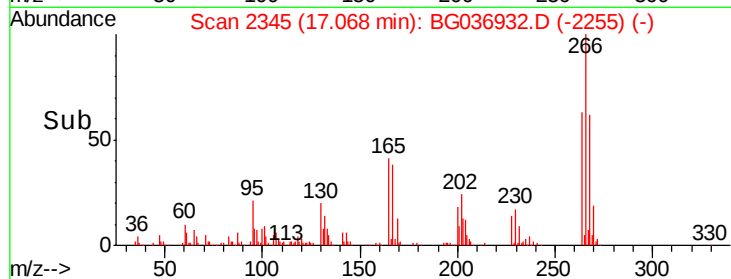
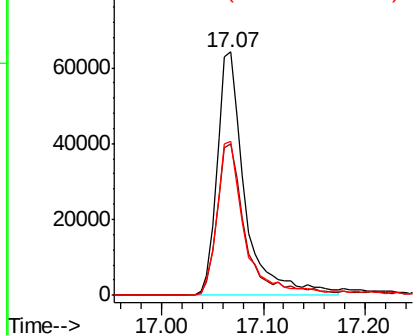
#69
 Pentachlorophenol
 Concen: 54.447 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113130BS

Tgt Ion:266 Resp: 122321
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.4 77.2
 264 63.2 48.9 73.3

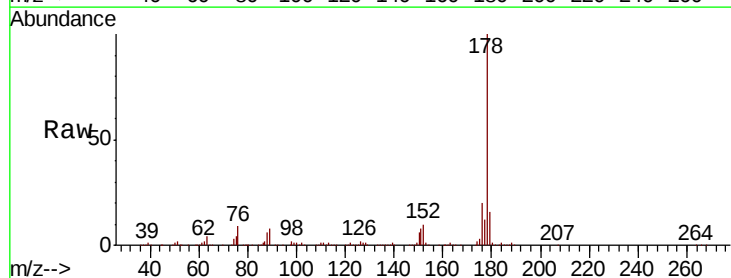


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

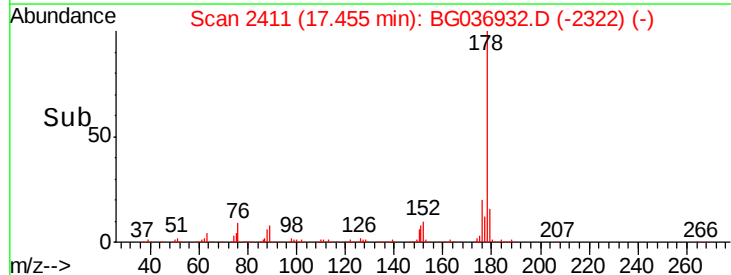
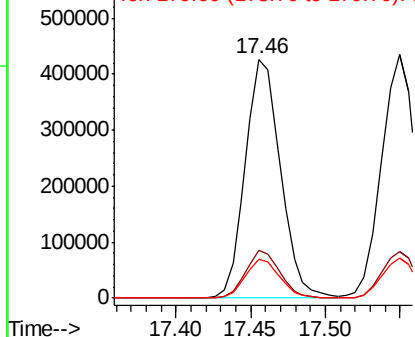


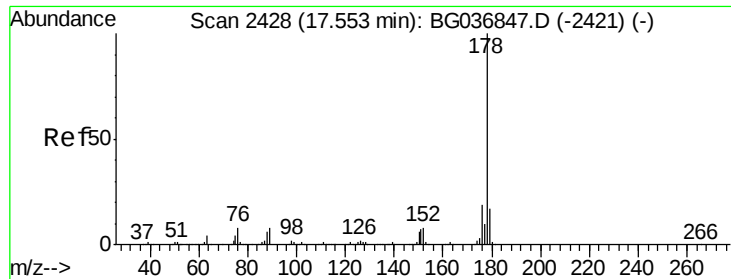
#70
 Phenanthrene
 Concen: 47.538 ng
 RT: 17.46 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Tgt Ion:178 Resp: 697769
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.4 23.2
 179 16.4 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

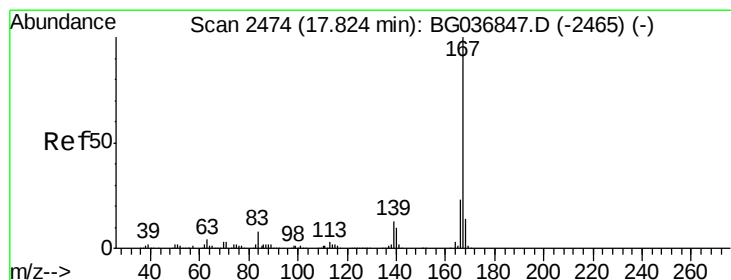
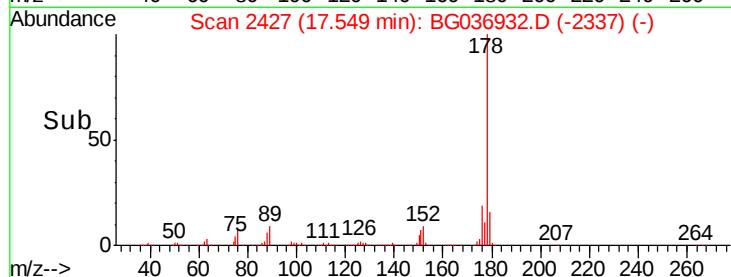
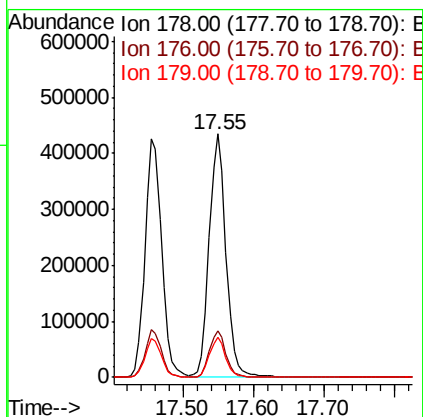
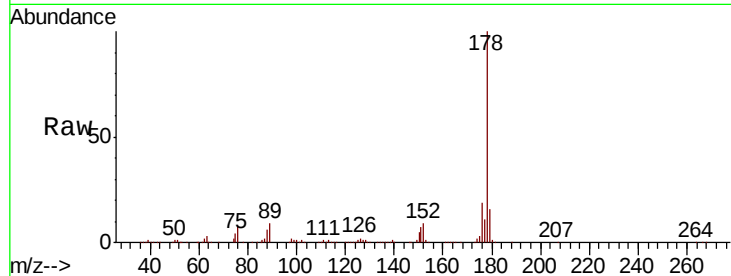




#71
 Anthracene
 Concen: 49.669 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

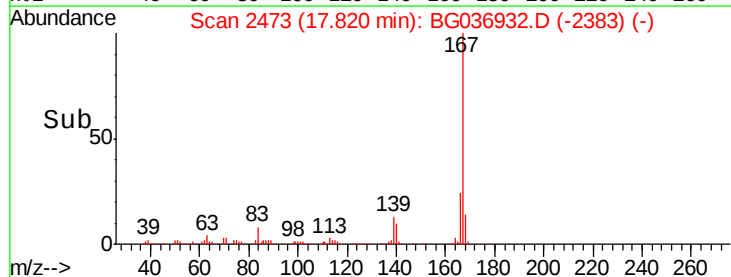
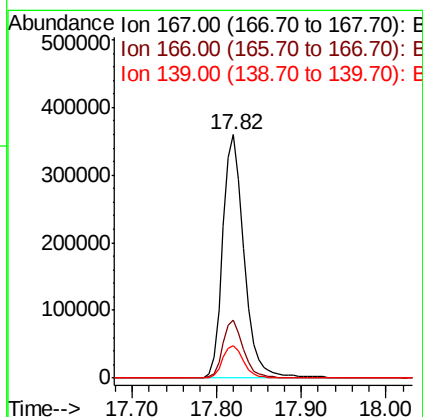
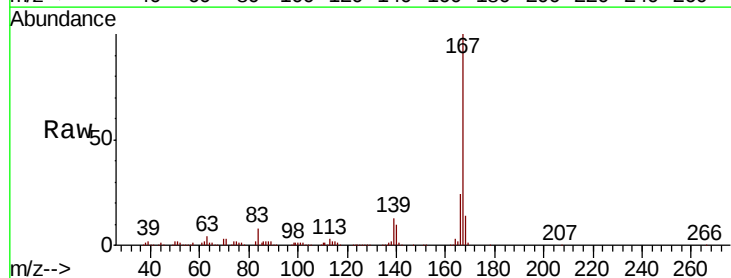
Instrument :
 BNA_G
 ClientSampleId :
 PB113130BS

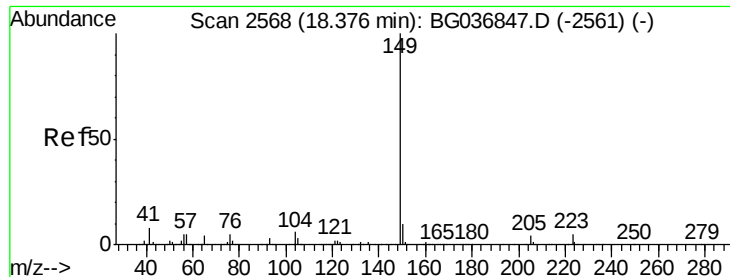
Tgt Ion:178 Resp: 720893
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 16.4 13.0 19.4



#72
 Carbazole
 Concen: 44.553 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.00 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Tgt Ion:167 Resp: 630478
 Ion Ratio Lower Upper
 167 100
 166 23.6 19.5 29.3
 139 13.2 10.7 16.1

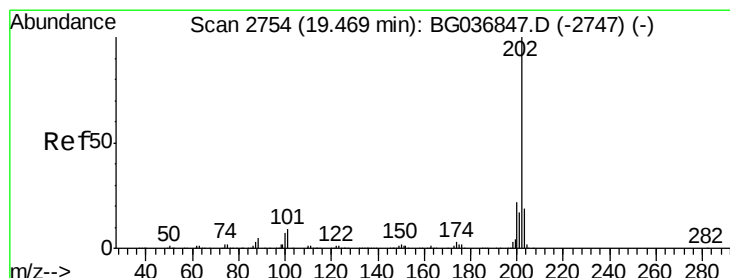
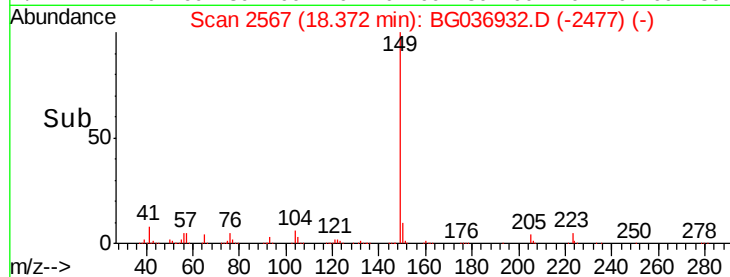
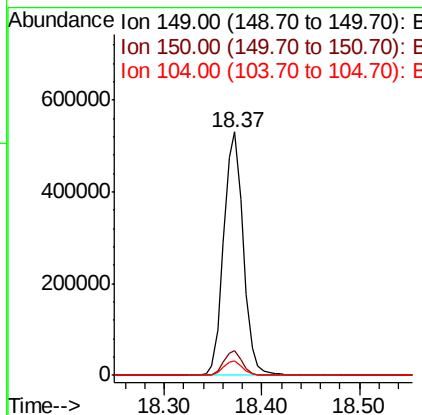
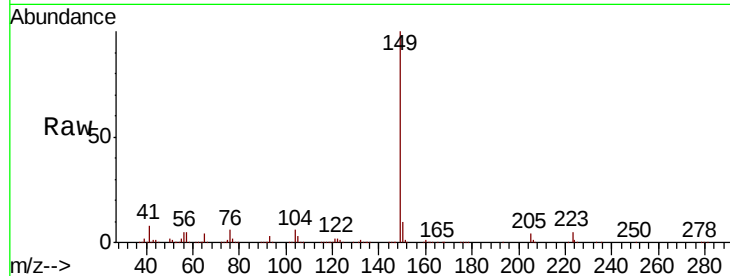




#73
Di-n-butylphthalate
Concen: 46.834 ng
RT: 18.37 min Scan# 2567
Delta R.T. -0.00 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

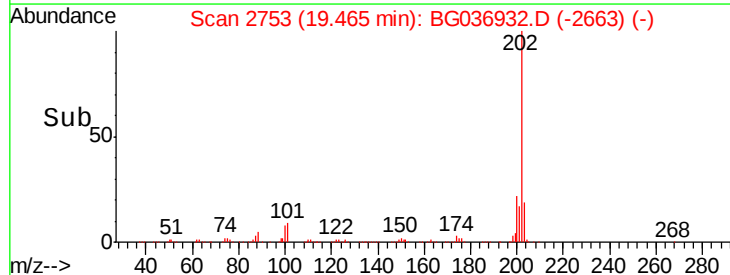
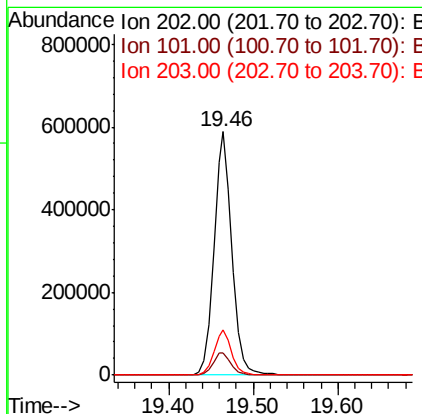
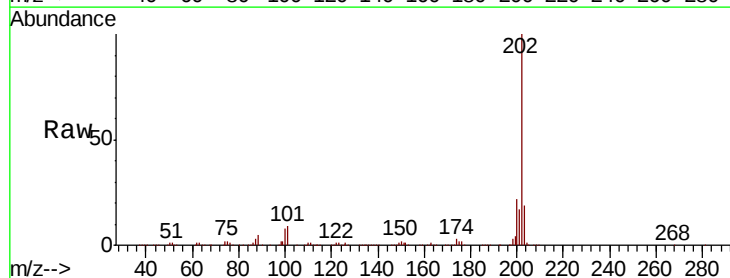
Instrument :
BNA_G
ClientSampleId :
PB113130BS

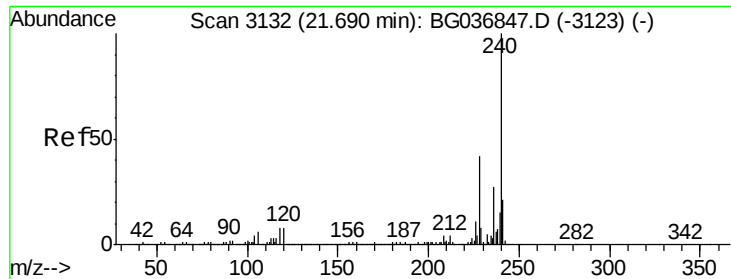
Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	5.8	4.6	6.8



#74
Fluoranthene
Concen: 49.259 ng
RT: 19.46 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.4
203	18.5	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

PB113130BS

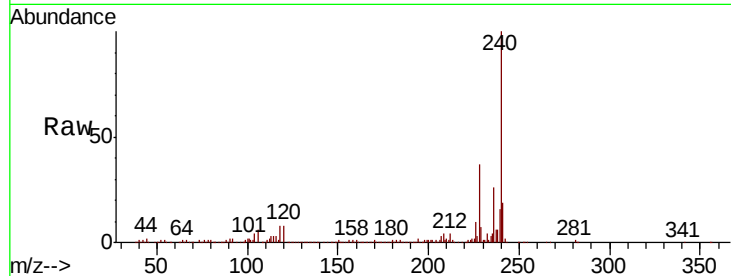
Tgt Ion:240 Resp: 309362

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

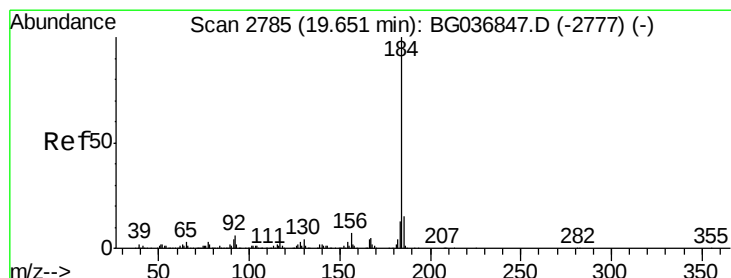
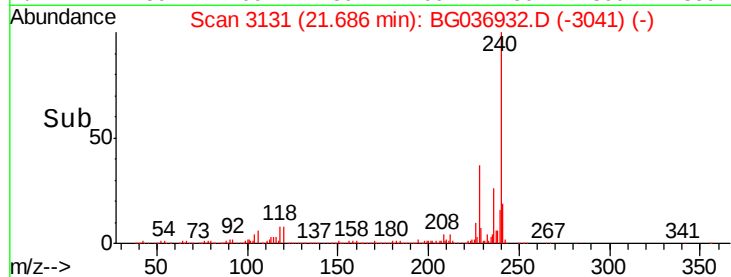
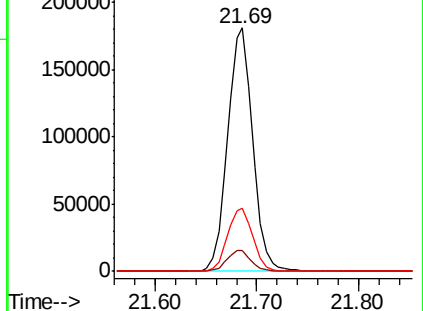
236 25.8 21.2 31.8



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: 41.542 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

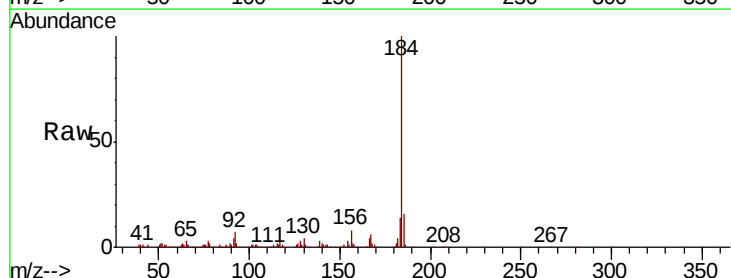
Tgt Ion:184 Resp: 388493

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

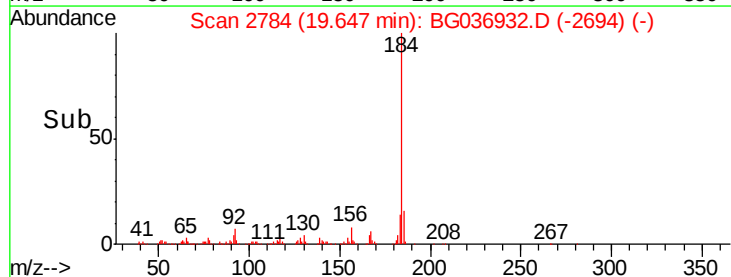
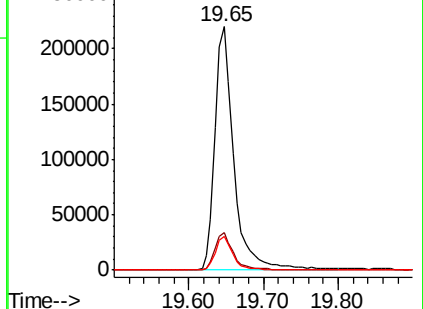
183 13.9 10.9 16.3

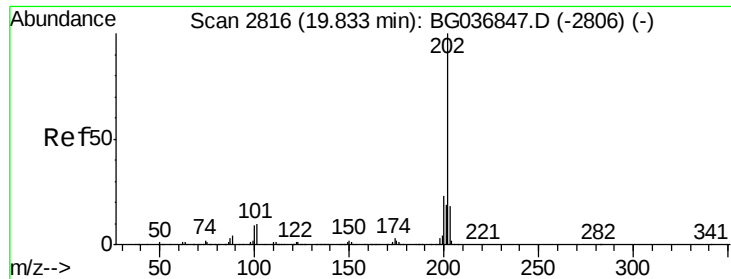


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

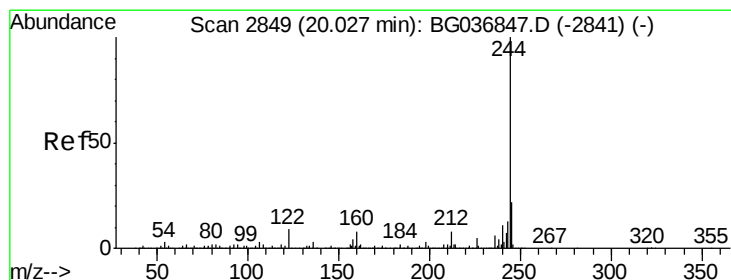
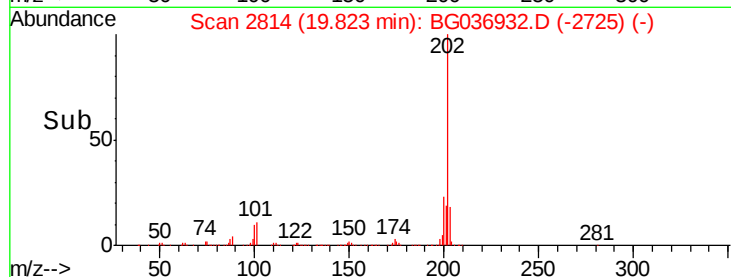
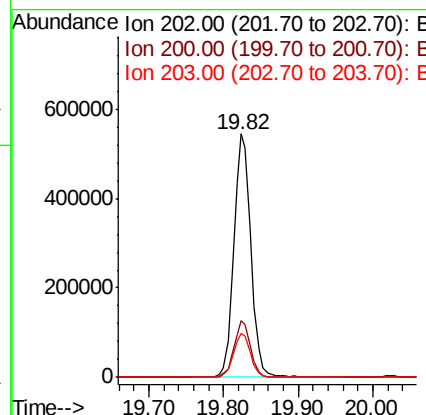
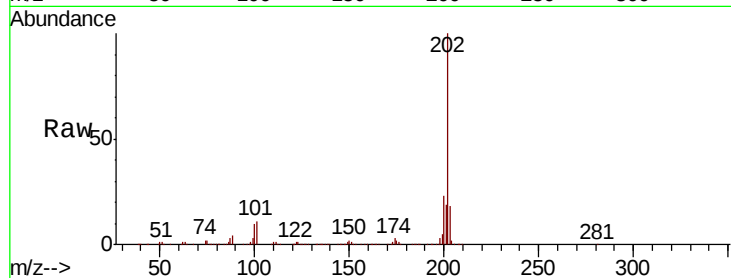




#77
 Pyrene
 Concen: 46.614 ng
 RT: 19.82 min Scan# 2814
 Delta R.T. -0.01 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

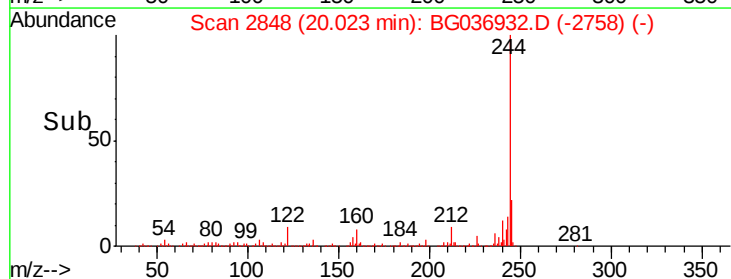
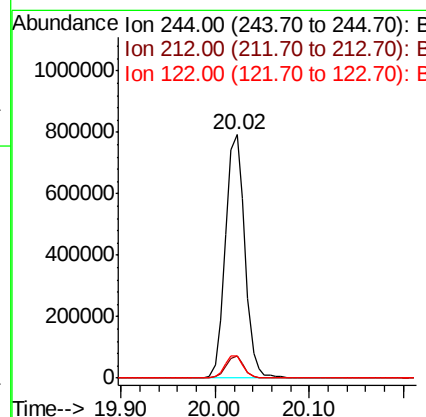
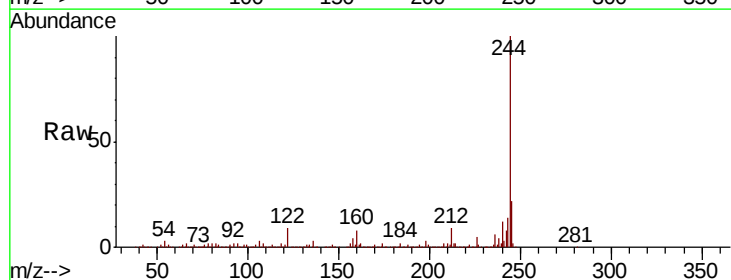
Instrument :
 BNA_G
 ClientSampleId :
 PB113130BS

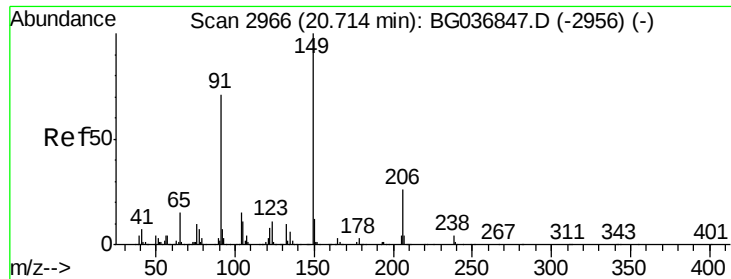
Tgt Ion:	202	Resp:	865348
Ion	Ratio	Lower	Upper
202	100		
200	23.3	18.3	27.5
203	18.3	15.1	22.7



#78
 Terphenyl-d14
 Concen: 97.119 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.00 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Tgt Ion:	244	Resp:	1142616
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.2	7.1	10.7

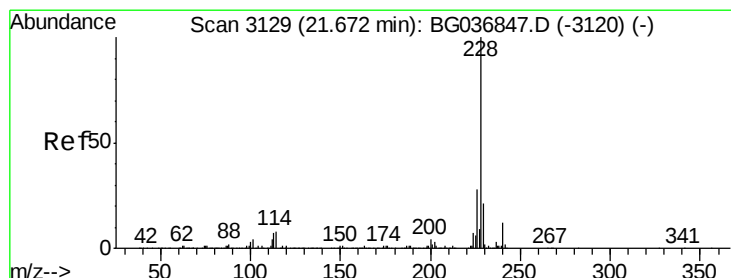
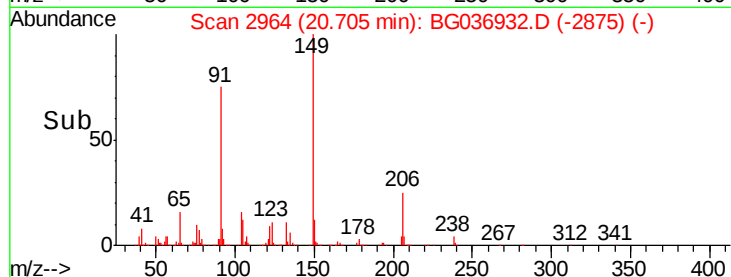
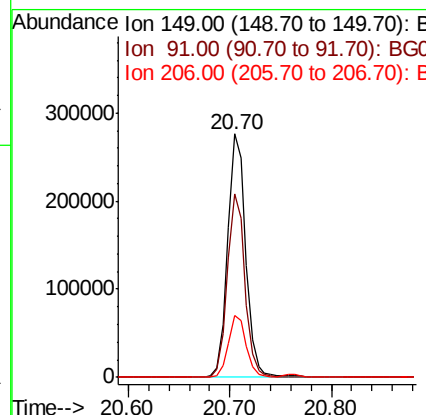
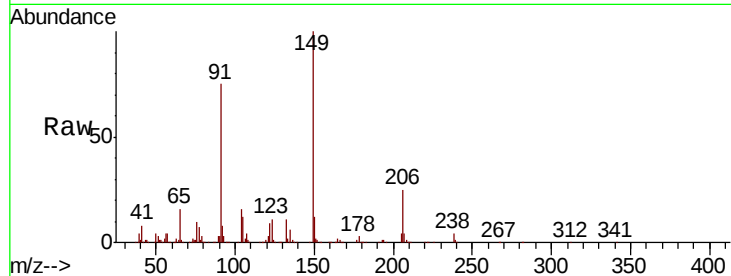




#79
Butylbenzylphthalate
Concen: 46.046 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

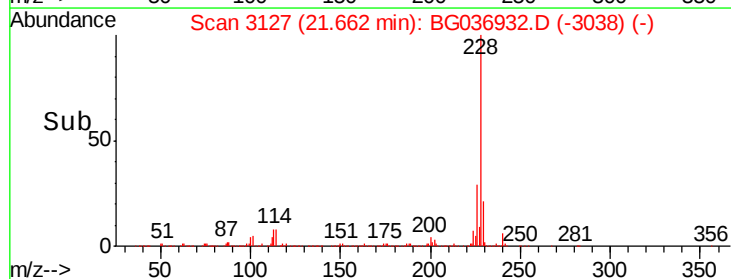
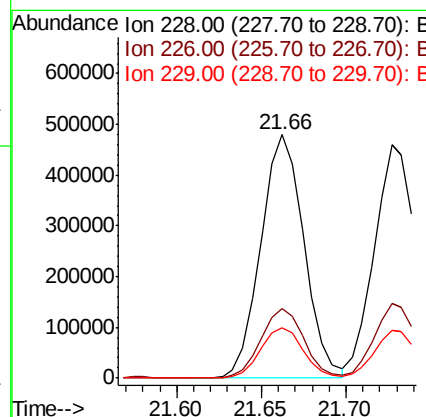
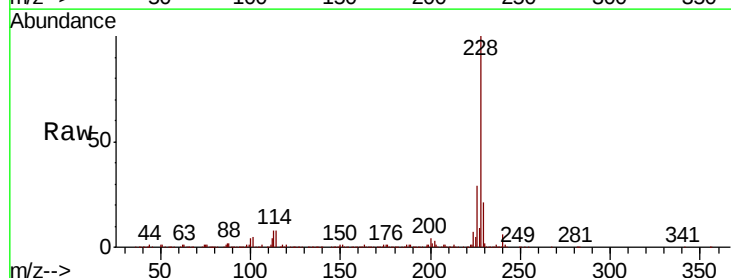
Instrument :
BNA_G
ClientSampleId :
PB113130BS

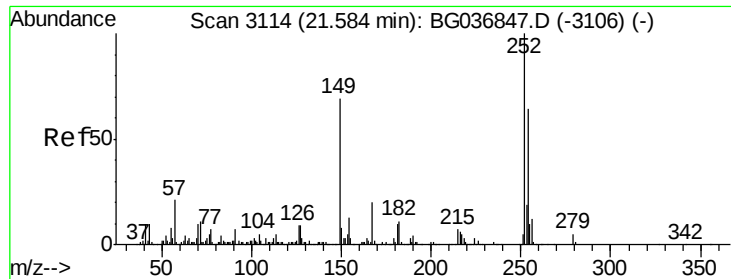
Tgt Ion:149 Resp: 340720
Ion Ratio Lower Upper
149 100
91 75.1 62.0 93.0
206 25.2 19.6 29.4



#80
Benzo(a)anthracene
Concen: 47.189 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG036932.D
Acq: 25 Sep 2018 00:20

Tgt Ion:228 Resp: 852184
Ion Ratio Lower Upper
228 100
226 28.7 23.4 35.2
229 20.8 17.1 25.7

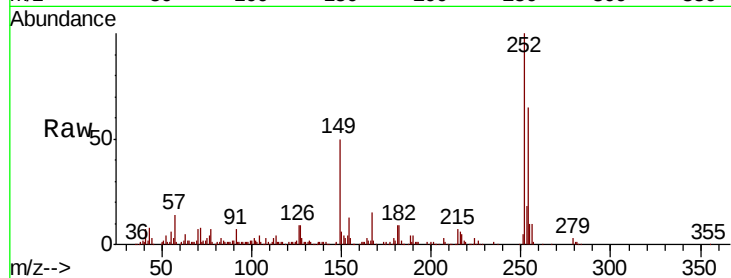




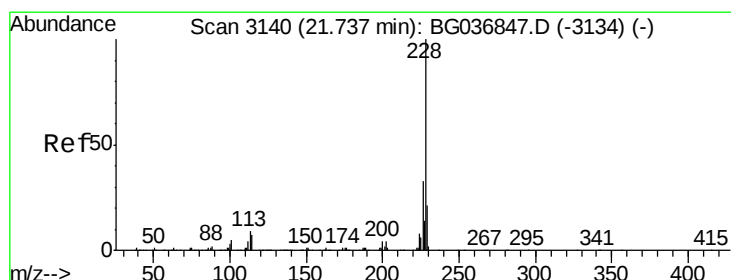
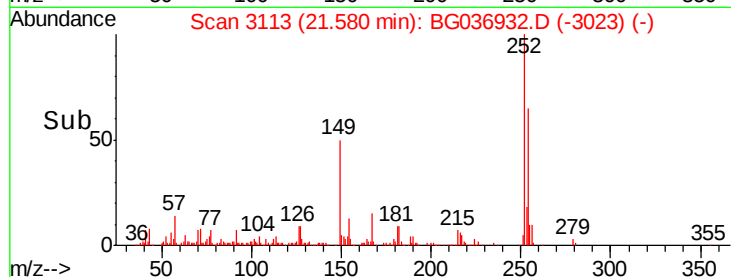
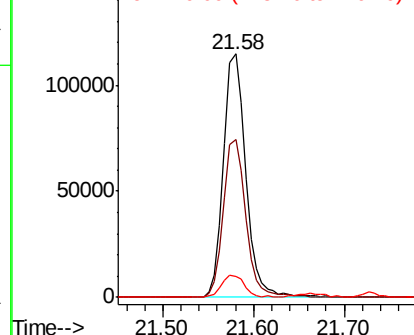
#81
 3,3'-Dichlorobenzidine
 Concen: 28.672 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113130BS

Tgt Ion:252 Resp: 197088
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.0 76.4
 126 8.7 7.4 11.0

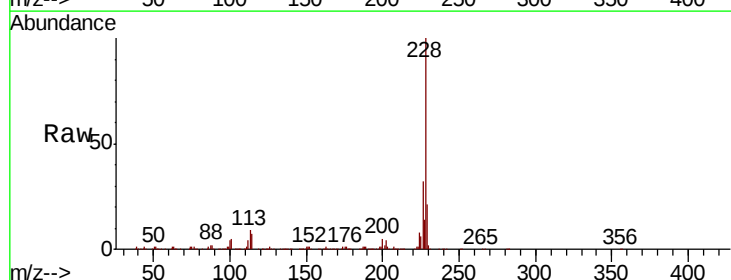


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

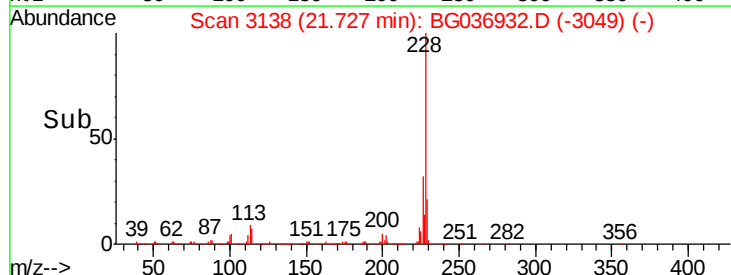
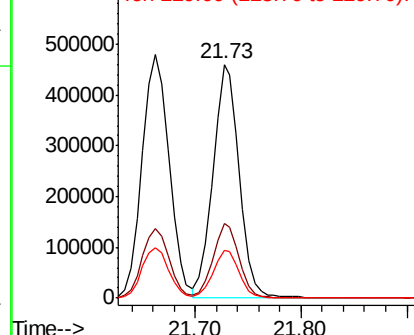


#82
 Chrysene
 Concen: 45.652 ng
 RT: 21.73 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Tgt Ion:228 Resp: 796559
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.5 38.3
 229 20.7 16.9 25.3



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

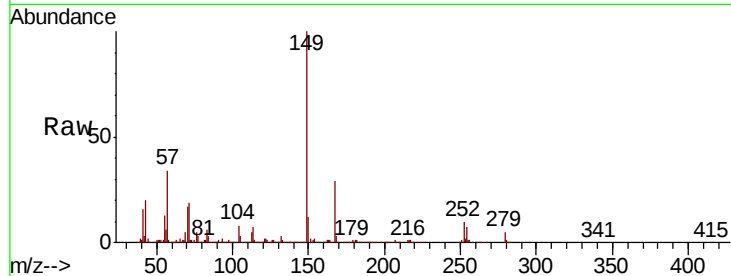




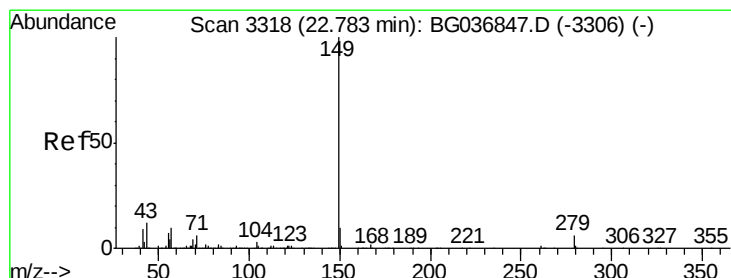
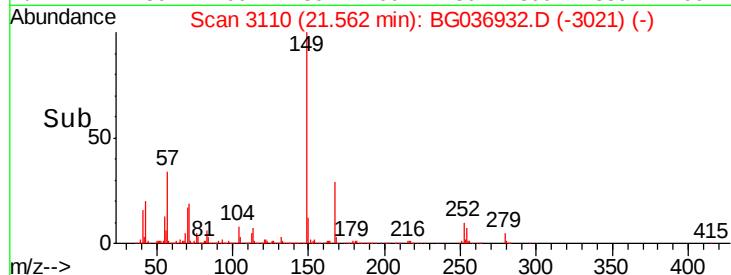
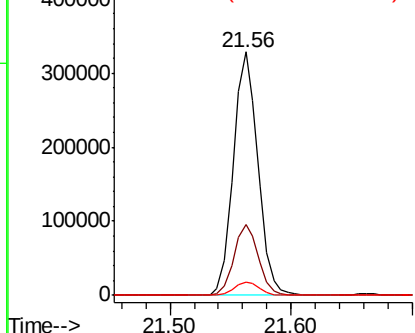
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.088 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113130BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.4	35.0
279	5.4	4.6	7.0

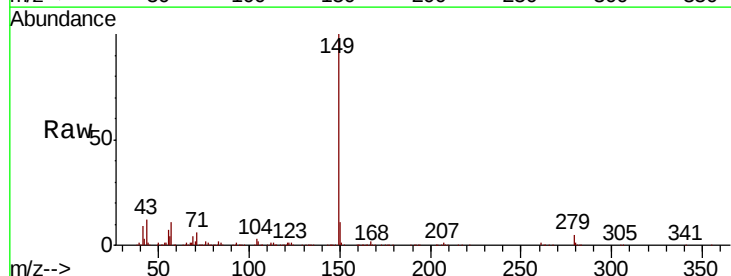


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

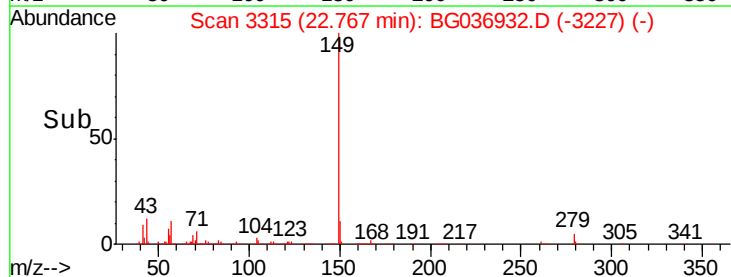
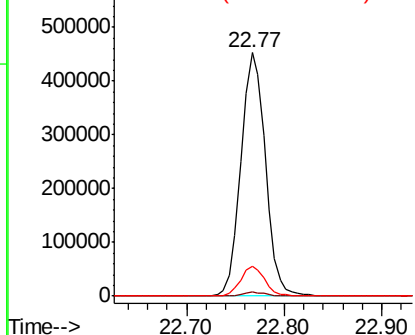


#84
 Di-n-octyl phthalate
 Concen: 46.735 ng
 RT: 22.77 min Scan# 3315
 Delta R.T. -0.02 min
 Lab File: BG036932.D
 Acq: 25 Sep 2018 00:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.9	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: 51.329 ng

RT: 28.54 min Scan# 4297

Delta R.T. -0.02 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

PB113130BS

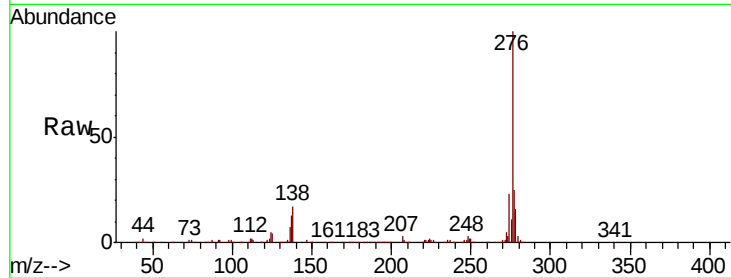
Tgt Ion:276 Resp: 961744

Ion Ratio Lower Upper

276 100

138 20.4 10.6 15.8#

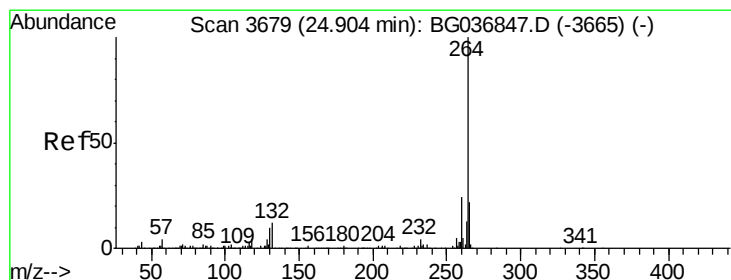
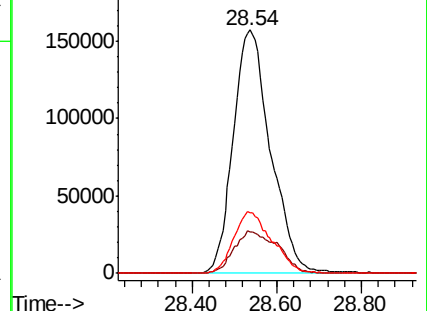
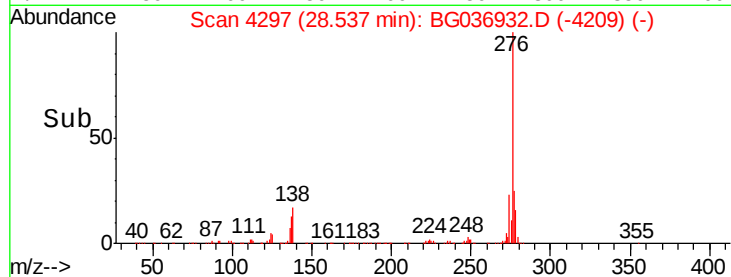
277 25.8 20.6 30.8



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: BG036932.D

Acq: 25 Sep 2018 00:20

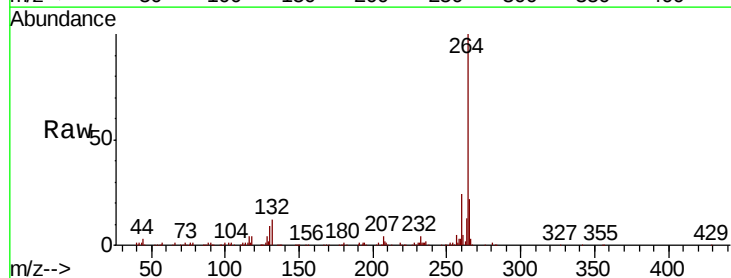
Tgt Ion:264 Resp: 324296

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

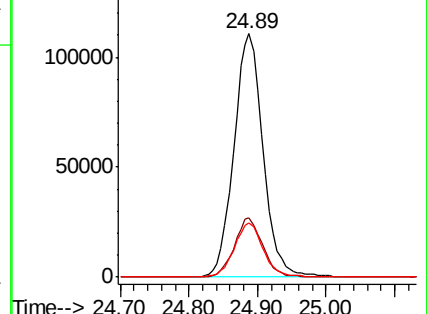
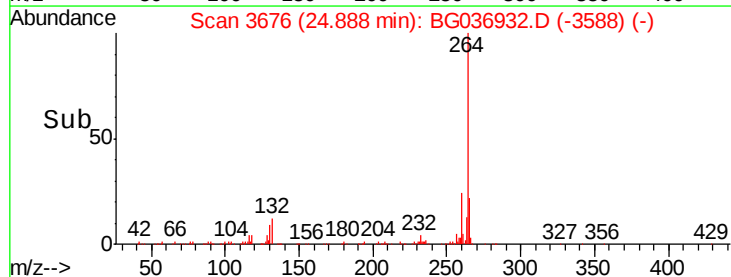
265 22.1 17.4 26.0

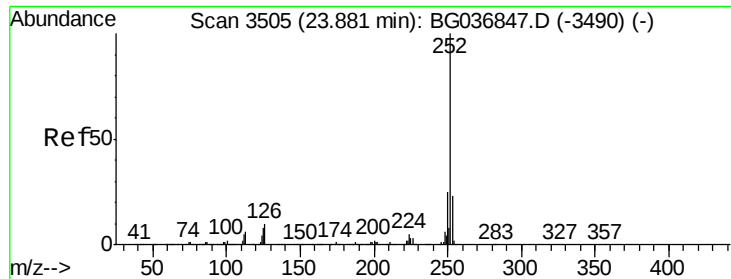


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.768 ng

RT: 23.87 min Scan# 3502

Delta R.T. -0.02 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

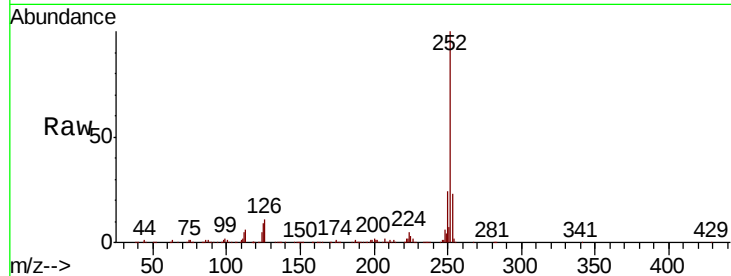
Instrument :

BNA_G

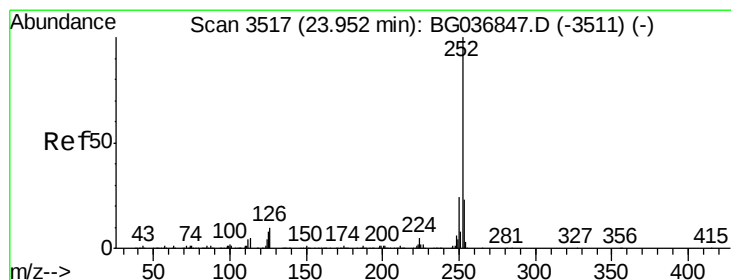
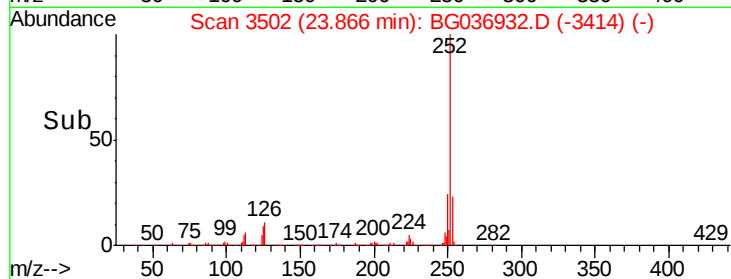
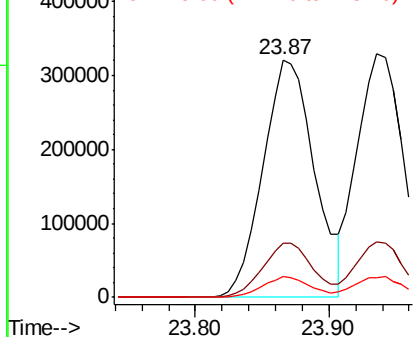
ClientSampleId :

PB113130BS

Tgt Ion:	252	Resp:	860117
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	8.7	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: 46.276 ng

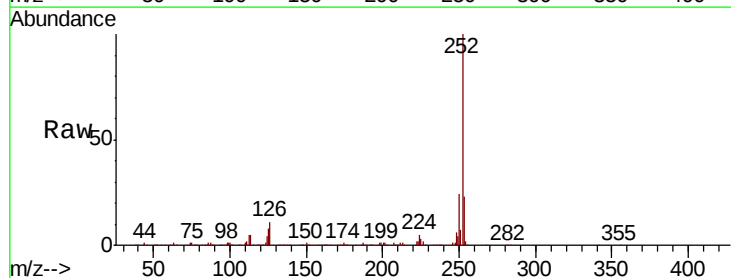
RT: 23.94 min Scan# 3514

Delta R.T. -0.02 min

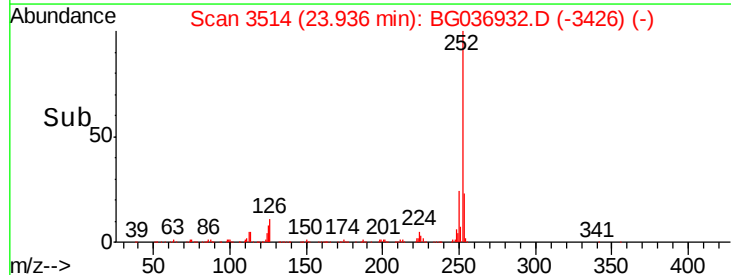
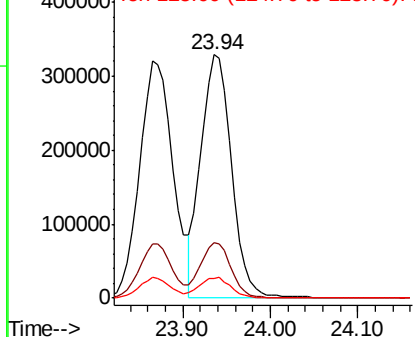
Lab File: BG036932.D

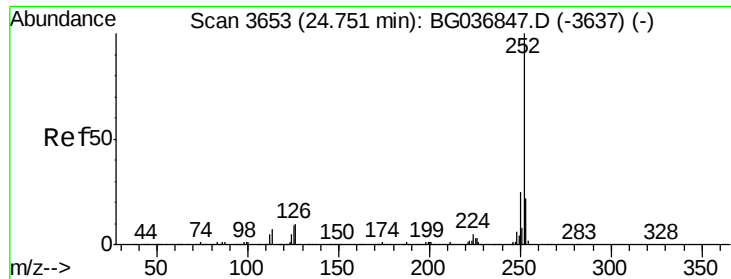
Acq: 25 Sep 2018 00:20

Tgt Ion:	252	Resp:	802376
Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	8.2	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: 49.582 ng

RT: 24.74 min Scan# 3651

Delta R.T. -0.01 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

PB113130BS

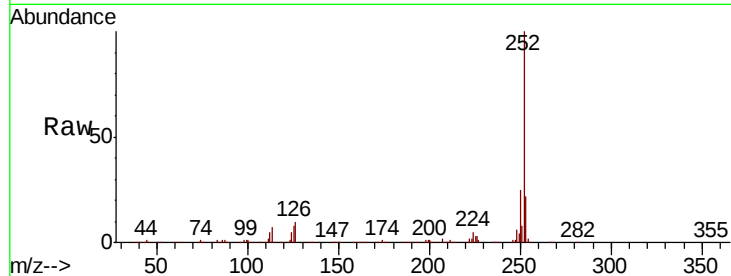
Tgt Ion:252 Resp: 828433

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

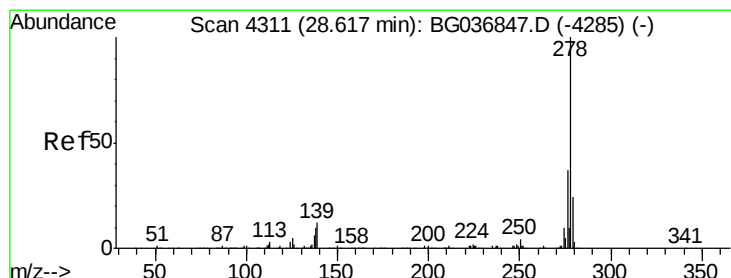
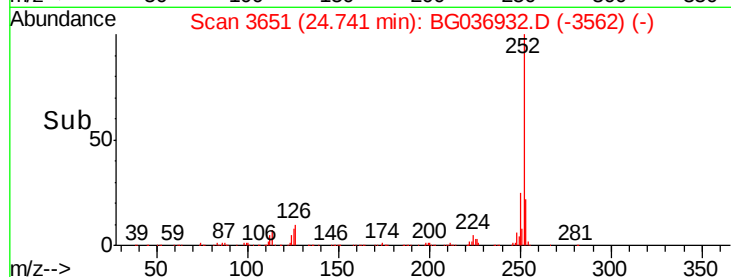
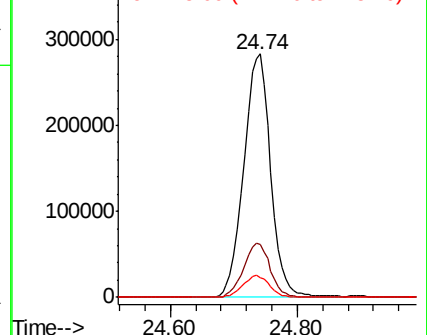
125 8.0 7.3 10.9



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: 50.198 ng

RT: 28.60 min Scan# 4308

Delta R.T. -0.02 min

Lab File: BG036932.D

Acq: 25 Sep 2018 00:20

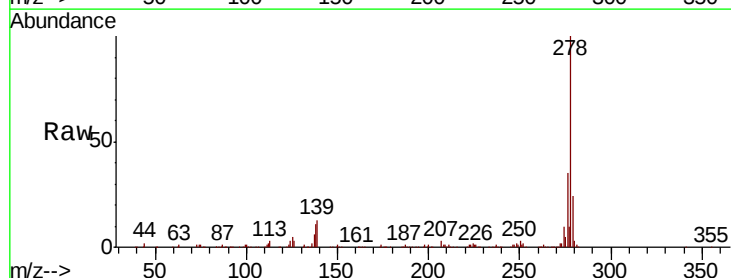
Tgt Ion:278 Resp: 786063

Ion Ratio Lower Upper

278 100

139 13.4 11.0 16.4

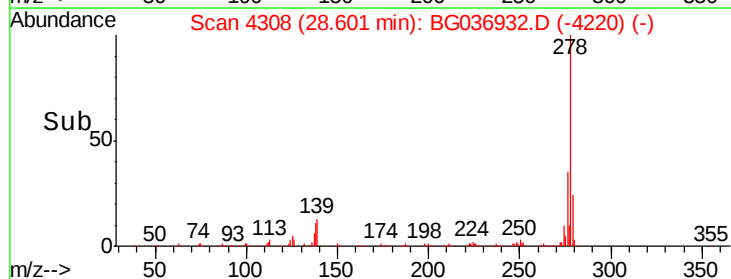
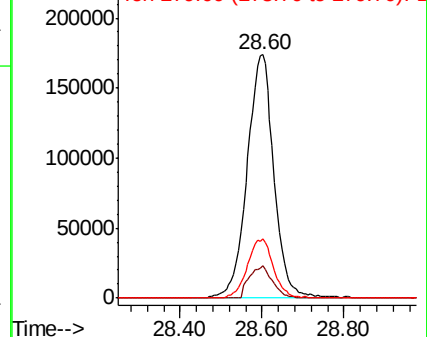
279 24.1 18.7 28.1

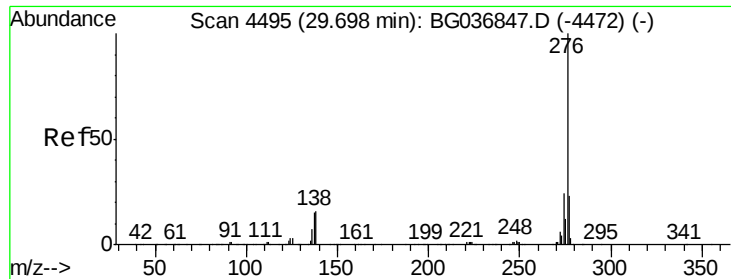


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 51.125 ng

RT: 29.68 min Scan# 4492

Delta R.T. -0.02 min

Lab File: BG036932.D

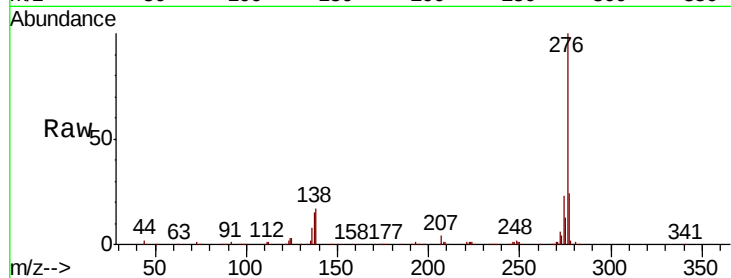
Acq: 25 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

PB113130BS



Tgt Ion:	276	Resp:	803474
Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.4	27.6
138	16.6	14.6	22.0

