

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092018\
 Data File : BG036846.D
 Acq On : 20 Sep 2018 16:49
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 20 18:07:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 18:05:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39401	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	187462	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	126671	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	331936	20.00	ng	0.00
75) Chrysene-d12	21.69	240	326360	20.00	ng	0.00
86) Perylene-d12	24.90	264	334845	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	104264	41.98	ng	0.00
7) Phenol-d6	7.21	99	159566	44.87	ng	0.00
23) Nitrobenzene-d5	9.21	82	176133	50.98	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	77349	51.17	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	437493	49.31	ng	0.00
78) Terphenyl-d14	20.03	244	627604	44.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	24500	21.136	ng	97
3) Pyridine	3.93	79	66554	20.454	ng	95
4) n-Nitrosodimethylamine	3.84	42	30020	20.714	ng	# 97
6) Aniline	7.37	93	105241	23.314	ng	99
8) 2-Chlorophenol	7.61	128	60464	22.447	ng	93
9) Benzaldehyde	7.18	77	55545	22.681	ng	98
10) Phenol	7.24	94	81705	21.955	ng	92
11) bis(2-Chloroethyl)ether	7.47	93	73999	25.081	ng	98
12) 1,3-Dichlorobenzene	7.94	146	73042	23.748	ng	98
13) 1,4-Dichlorobenzene	8.09	146	76338	24.583	ng	97
14) 1,2-Dichlorobenzene	8.40	146	72448	24.429	ng	93
15) Benzyl Alcohol	8.29	79	64694	22.566	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	145455	24.446	ng	98
17) 2-Methylphenol	8.49	107	56070	22.690	ng	93
18) Hexachloroethane	9.13	117	26783	24.056	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	66054	24.853	ng	90
20) 3+4-Methylphenols	8.82	107	82447	23.897	ng	98
22) Acetophenone	8.87	105	112127	22.778	ng	97
24) Nitrobenzene	9.25	77	92075	24.713	ng	95
25) Isophorone	9.77	82	159465	23.233	ng	95
26) 2-Nitrophenol	9.97	139	36809	24.932	ng	96
27) 2,4-Dimethylphenol	10.02	122	57722	21.118	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	99375	23.591	ng	96
29) 2,4-Dichlorophenol	10.50	162	68322	22.807	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	82405	23.515	ng	99
31) Naphthalene	10.90	128	223102	23.808	ng	97
32) Benzoic acid	10.14	122	25014	13.232	ng	91
33) 4-Chloroaniline	11.01	127	102551	23.881	ng	98
34) Hexachlorobutadiene	11.18	225	58035	24.648	ng	97
35) Caprolactam	11.78	113	27754	23.257	ng	95
36) 4-Chloro-3-methylphenol	12.13	107	82094	23.585	ng	96
37) 2-Methylnaphthalene	12.51	142	169903	24.779	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	112021	24.989	ng	99
40) Hexachlorocyclopentadiene	12.85	237	53980	23.144	ng	99

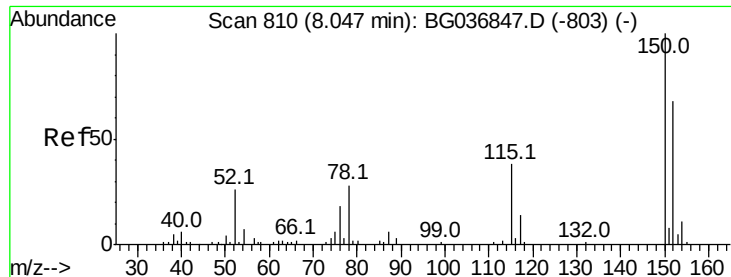
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092018\
 Data File : BG036846.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 18:05:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	63013	23.076	nq	95
43) 2,4,5-Trichlorophenol	13.18	196	66520	22.839	nq	95
45) 1,1'-Biphenyl	13.51	154	247447	23.533	nq	98
46) 2-Chloronaphthalene	13.55	162	192543	23.987	nq	98
47) 2-Nitroaniline	13.76	65	68521	27.184	nq	96
48) Acenaphthylene	14.40	152	307503	24.512	nq	98
49) Dimethylphthalate	14.13	163	262953	25.422	nq	100
50) 2,6-Dinitrotoluene	14.25	165	57822	27.167	nq	95
51) Acenaphthene	14.74	154	180776	22.500	nq	99
52) 3-Nitroaniline	14.58	138	61811	26.949	nq	99
53) 2,4-Dinitrophenol	14.79	184	18561	23.023	nq	95
54) Dibenzofuran	15.07	168	310718	24.685	nq	97
55) 4-Nitrophenol	14.89	139	36478	19.452	nq	99
56) 2,4-Dinitrotoluene	15.03	165	80218	28.919	nq	91
57) Fluorene	15.72	166	236247	25.107	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	66979	24.476	nq	96
59) Diethylphthalate	15.49	149	261105	25.048	nq	100
60) 4-Chlorophenyl-phenylether	15.71	204	148327	25.528	nq	98
61) 4-Nitroaniline	15.74	138	63015	26.255	nq	97
62) Azobenzene	16.00	77	251443	23.707	nq	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	42167	28.919	nq	98
65) n-Nitrosodiphenylamine	15.93	169	229968	23.316	nq	95
66) 4-Bromophenyl-phenylether	16.61	248	93888	24.159	nq	99
67) Hexachlorobenzene	16.72	284	96466	24.275	nq	100
68) Atrazine	16.87	200	94458	25.515	nq	98
69) Pentachlorophenol	17.07	266	58280	21.579	nq	97
70) Phenanthrene	17.47	178	401477	23.803	nq	99
71) Anthracene	17.55	178	403122	23.977	nq	100
72) Carbazole	17.82	167	392951	23.402	nq	98
73) Di-n-butylphthalate	18.38	149	435860	23.311	nq	99
74) Fluoranthene	19.47	202	486170	23.642	nq	97
76) Benzidine	19.65	184	273420	26.259	nq	98
77) Pyrene	19.83	202	500400	24.934	nq	97
79) Butylbenzylphthalate	20.71	149	190648	23.870	nq	98
80) Benzo(a)anthracene	21.67	228	472988	23.923	nq	98
81) 3,3'-Dichlorobenzidine	21.58	252	184277	23.386	nq	100
82) Chrysene	21.74	228	450449	24.036	nq	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	264861	23.698	nq	99
84) Di-n-octyl phthalate	22.78	149	448843	24.043	nq	97
85) Indeno(1,2,3-cd)pyrene	28.55	276	490023	22.512	nq	99
87) Benzo(b)fluoranthene	23.88	252	435566	23.425	nq	99
88) Benzo(k)fluoranthene	23.95	252	447440	24.631	nq	99
89) Benzo(a)pyrene	24.75	252	424718	23.770	nq	98
90) Dibenzo(a,h)anthracene	28.62	278	400034	23.191	nq	97
91) Benzo(g,h,i)perylene	29.69	276	397343	22.923	nq	98

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

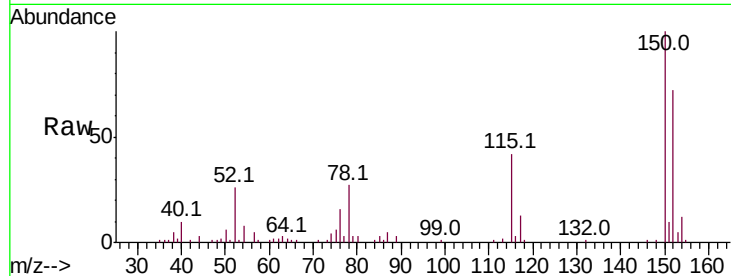


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.6	119.5	179.3
115	58.4	44.5	66.7

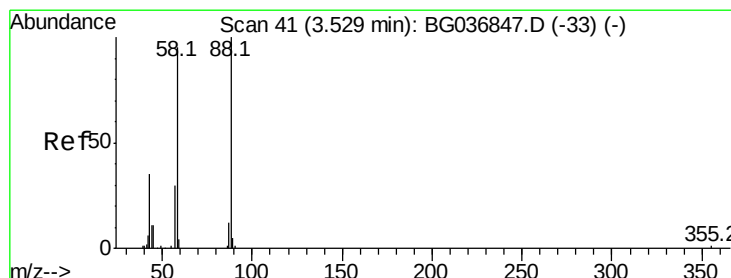
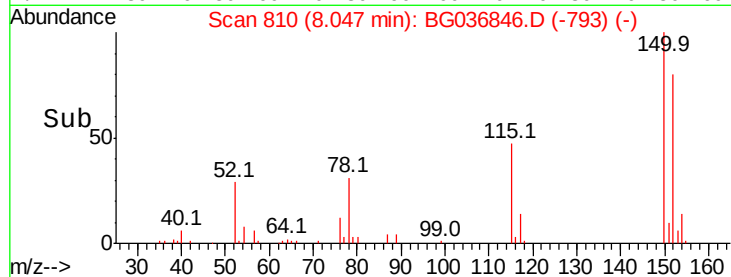
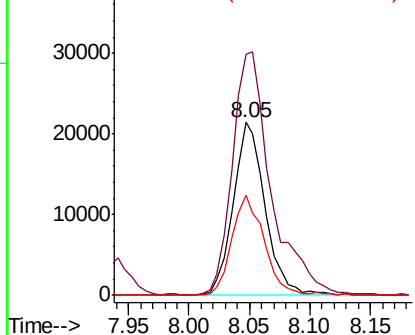


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

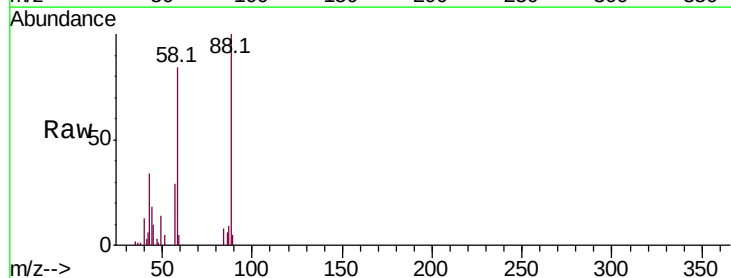
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 21.136 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.2	72.6	109.0
43	34.8	29.0	43.4

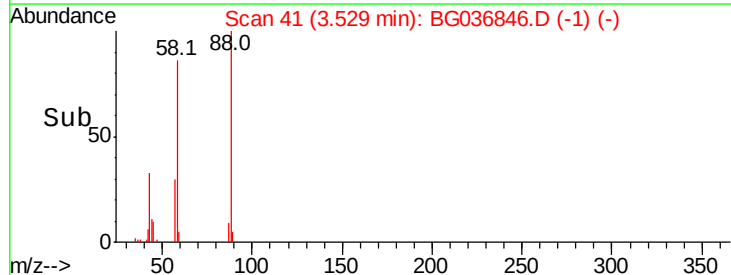
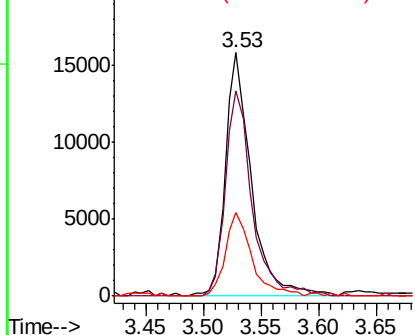


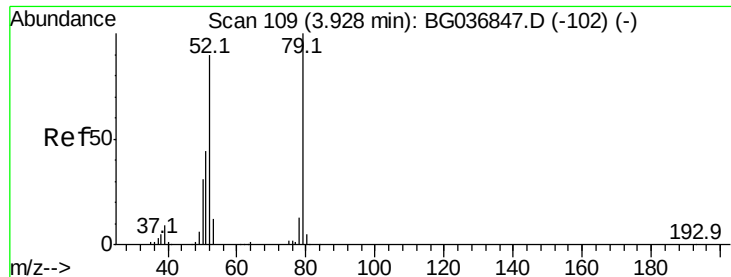
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

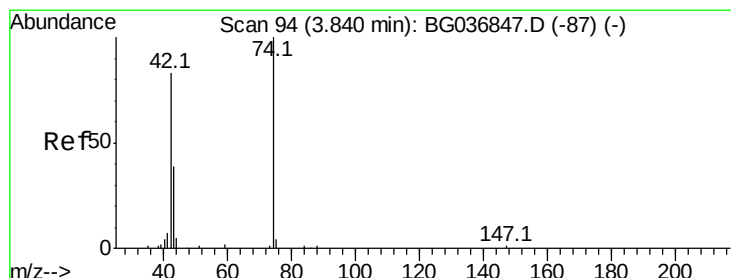
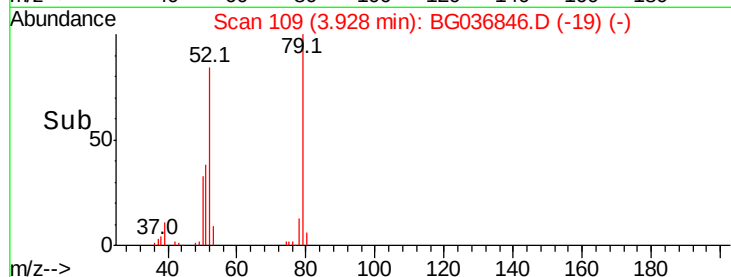
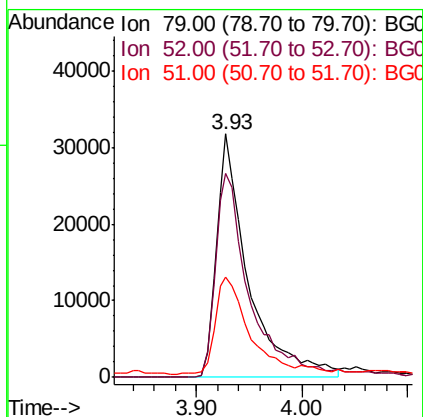
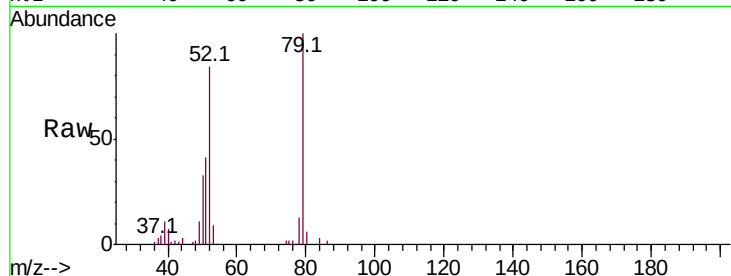




#3
 Pvridine
 Concen: 20.454 ng
 RT: 3.93 min Scan# 109
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

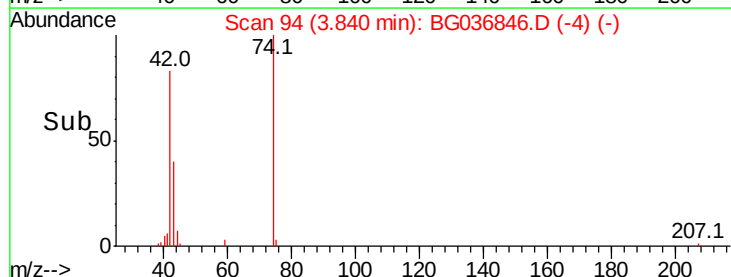
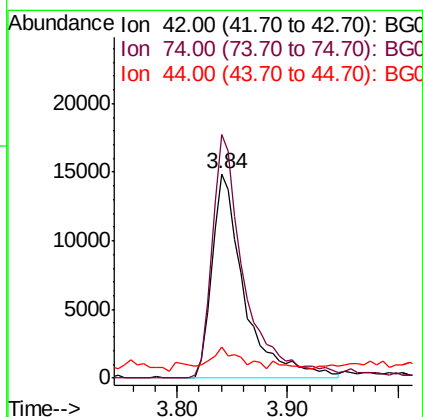
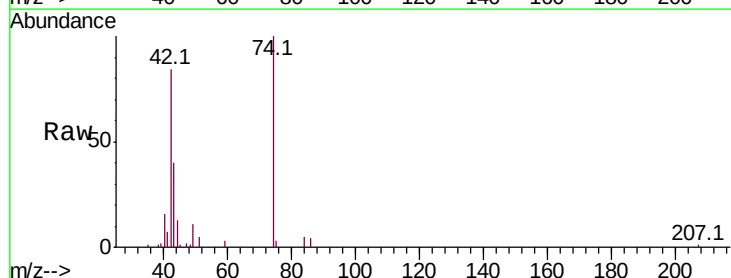
Instrument :
 BNA_G
 ClientSampleId :

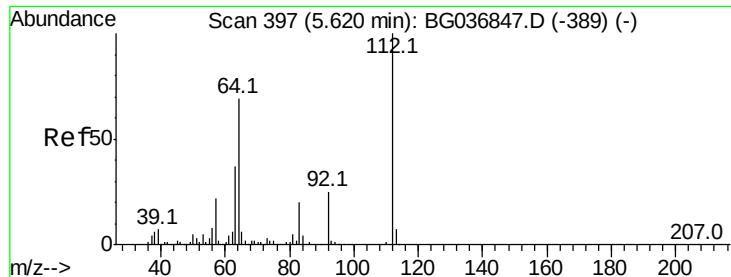
Tot Ion: 79 Resp: 66554
 Ion Ratio Lower Upper
 79 100
 52 84.0 72.3 108.5
 51 40.9 33.8 50.6



#4
 n-Nitrosodimethylamine
 Concen: 20.714 ng
 RT: 3.84 min Scan# 94
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

Tgt Ion: 42 Resp: 30020
 Ion Ratio Lower Upper
 42 100
 74 119.1 96.6 145.0
 44 15.1 7.0 10.4#





#5

2-Fluorophenol

Concen: 41.977 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Instrument :

BNA_G

ClientSampleId :

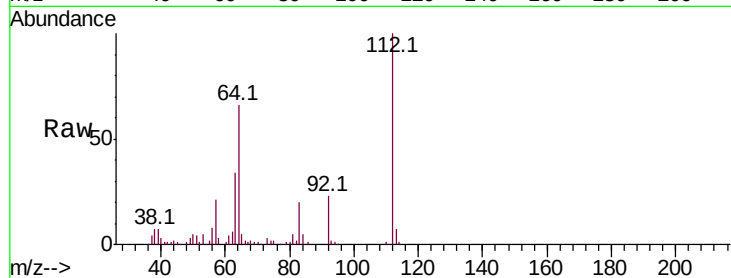
Tot Ion:112 Resp: 104264

Ion Ratio Lower Upper

112 100

64 65.8 57.2 85.8

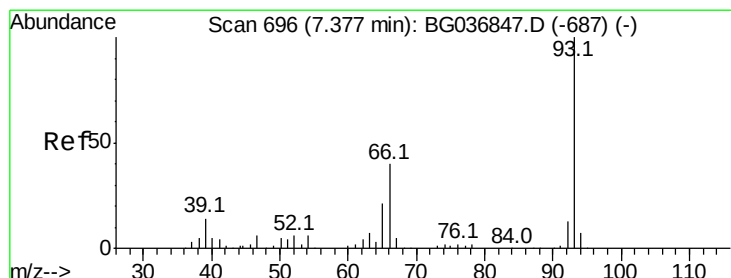
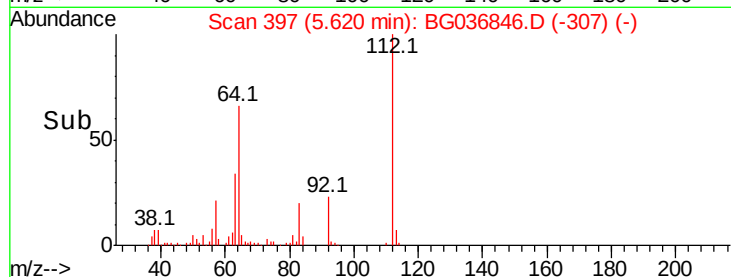
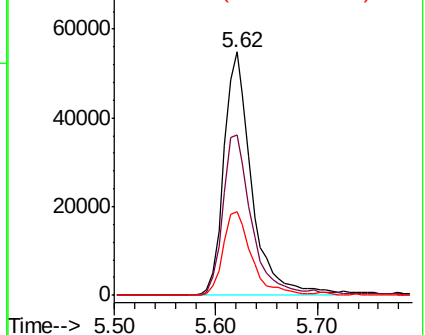
63 34.2 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.314 ng

RT: 7.37 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

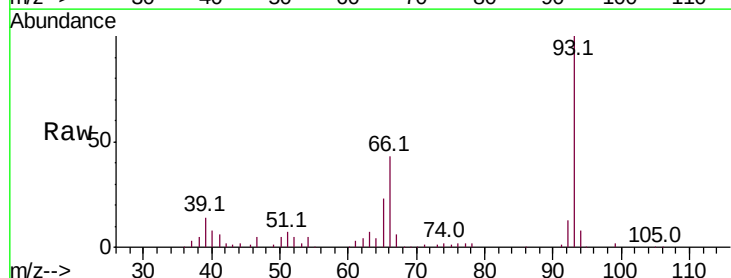
Tgt Ion: 93 Resp: 105241

Ion Ratio Lower Upper

93 100

66 43.0 35.0 52.4

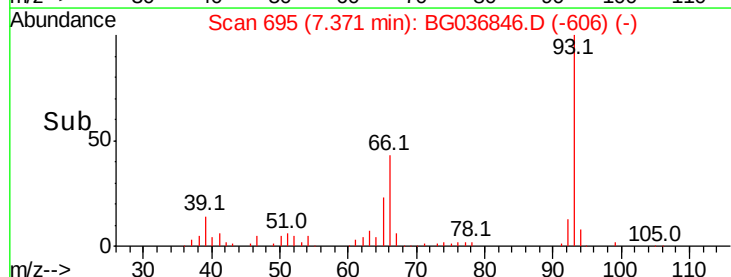
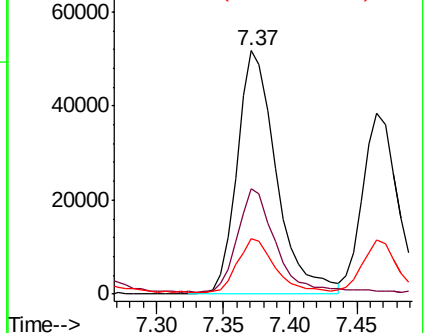
65 22.6 17.6 26.4

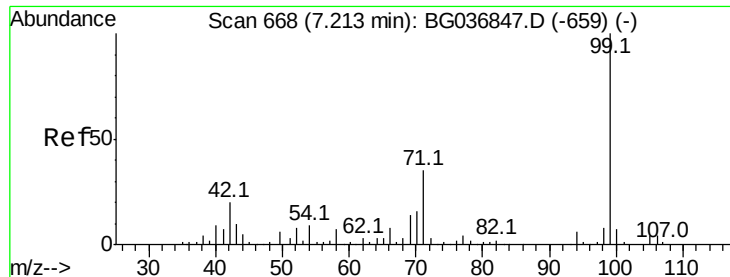


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 44.869 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Instrument :

BNA_G

ClientSampled :

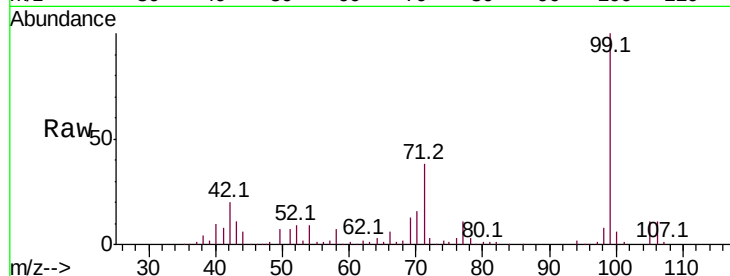
Tot Ion: 99 Resp: 159566

Ion Ratio Lower Upper

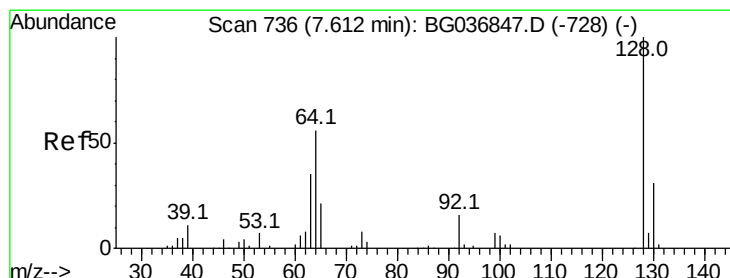
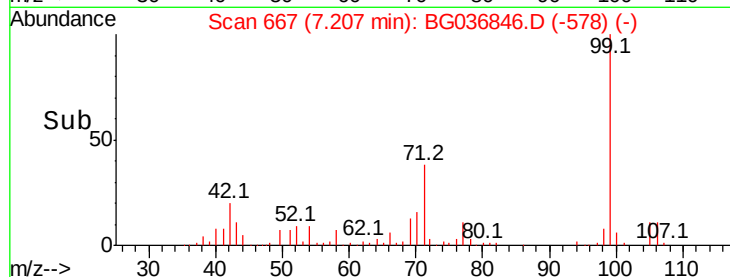
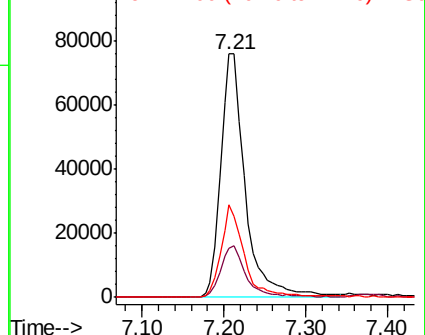
99 100

42 20.1 16.5 24.7

71 37.8 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: 22.447 ng

RT: 7.61 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

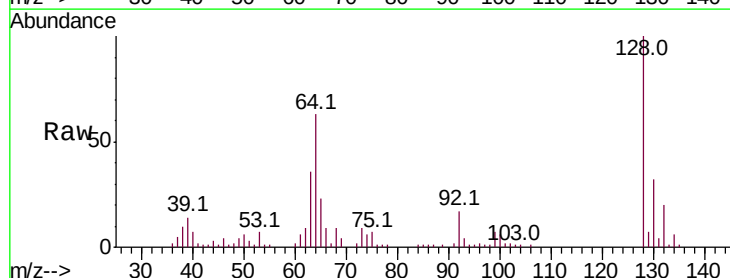
Tgt Ion: 128 Resp: 60464

Ion Ratio Lower Upper

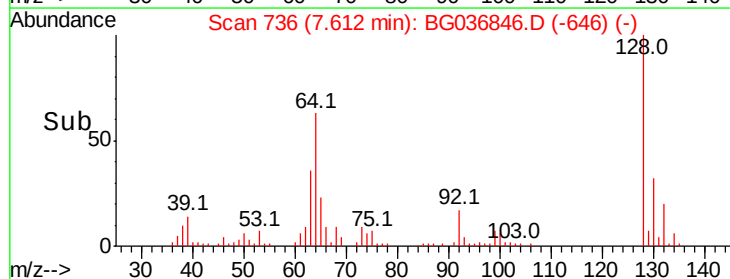
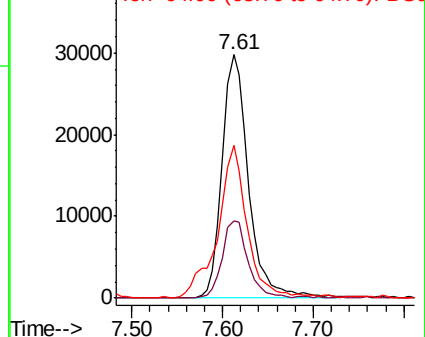
128 100

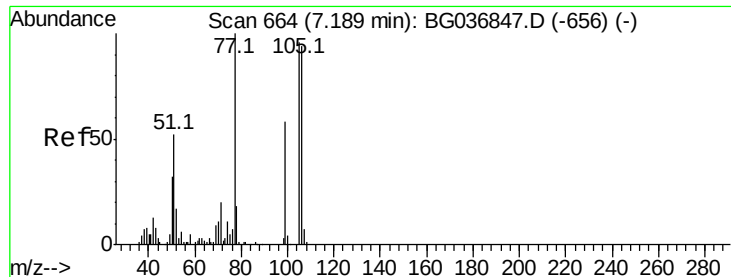
130 31.6 10.0 50.0

64 62.5 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: 22.681 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Instrument :

BNA_G

ClientSampled :

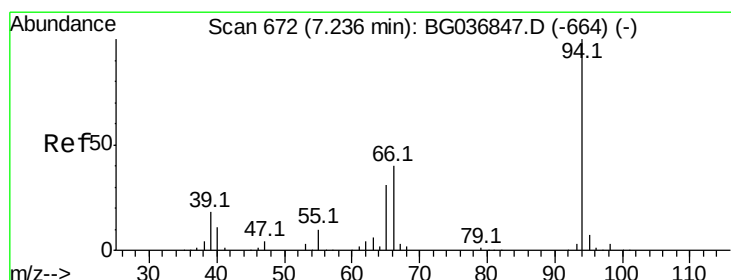
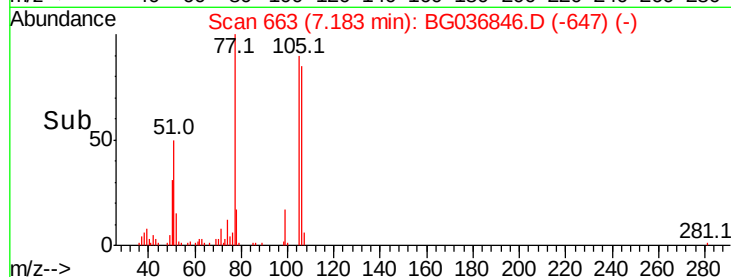
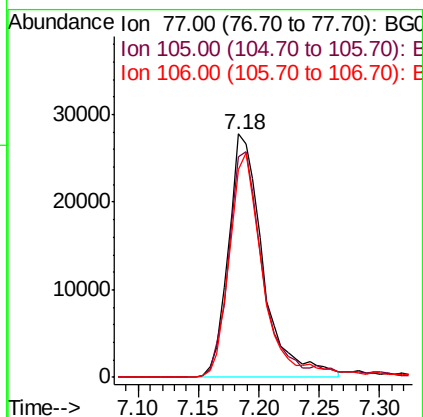
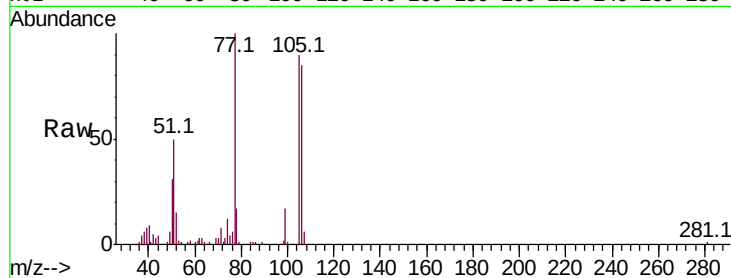
Tot Ion: 77 Resp: 55545

Ion Ratio Lower Upper

77 100

105 90.5 70.5 110.5

106 85.3 69.8 109.8



#10

Phenol

Concen: 21.955 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

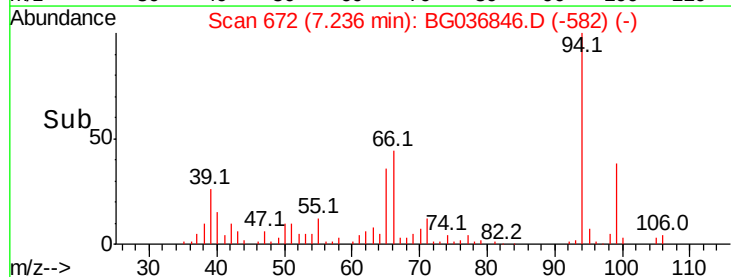
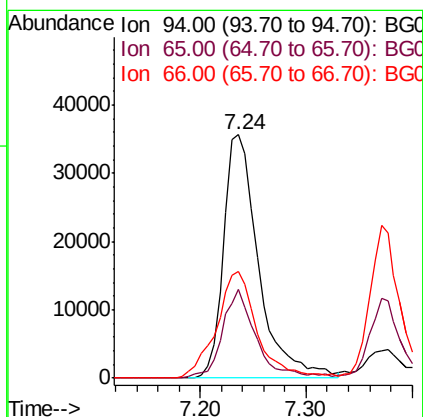
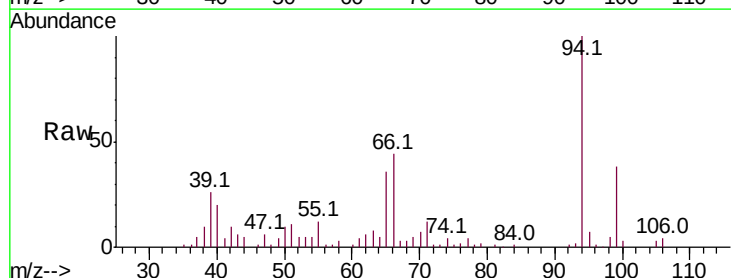
Tgt Ion: 94 Resp: 81705

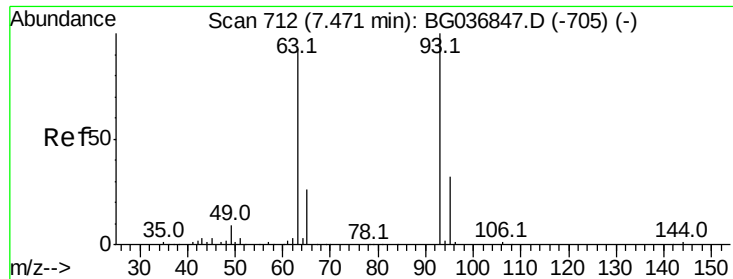
Ion Ratio Lower Upper

94 100

65 36.2 11.5 51.5

66 44.1 19.5 59.5





#11

bis(2-Chloroethyl)ether

Concen: 25.081 ng

RT: 7.47 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Instrument :

BNA_G

ClientSampleId :

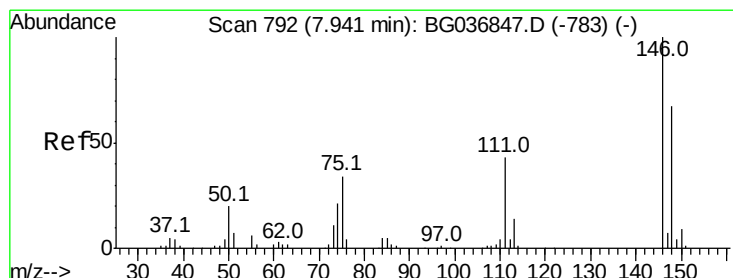
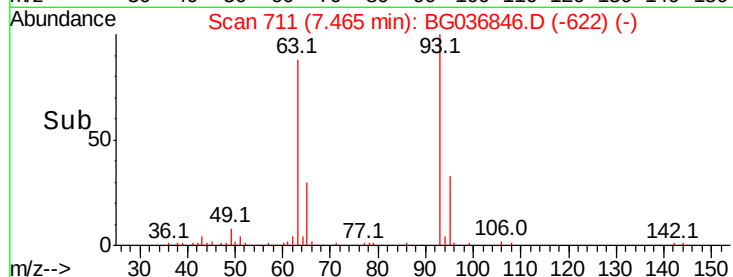
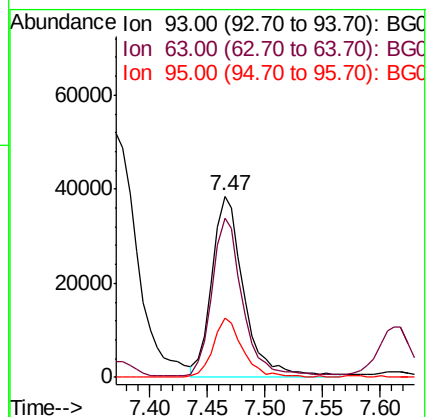
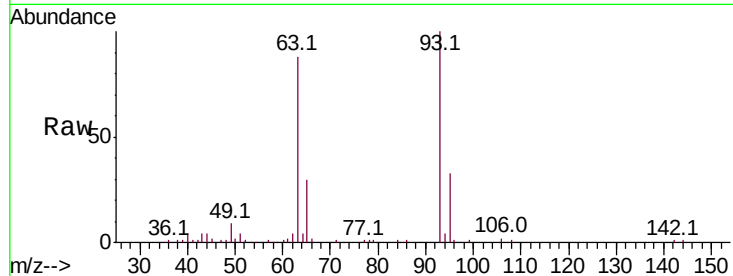
Tot Ion: 93 Resp: 73999

Ion Ratio Lower Upper

93 100

63 87.8 69.9 109.9

95 32.9 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 23.748 ng

RT: 7.94 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

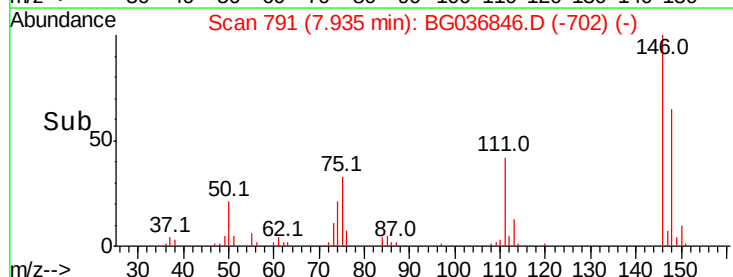
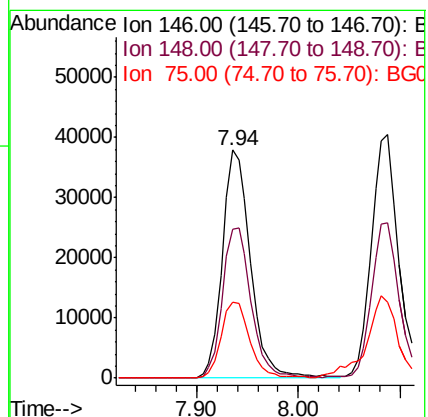
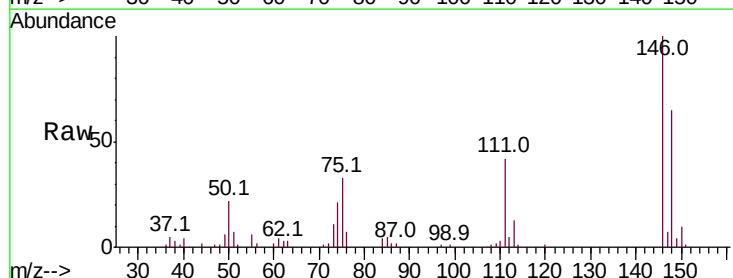
Tgt Ion: 146 Resp: 73042

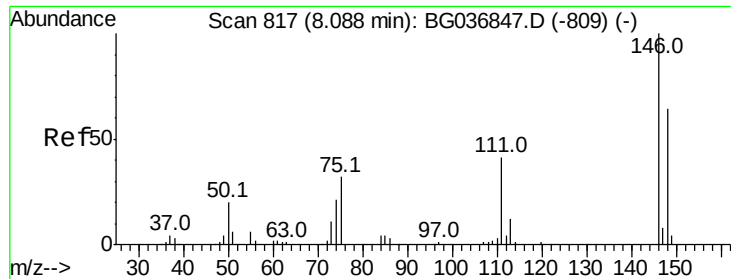
Ion Ratio Lower Upper

146 100

148 65.2 53.8 80.6

75 33.3 27.2 40.8

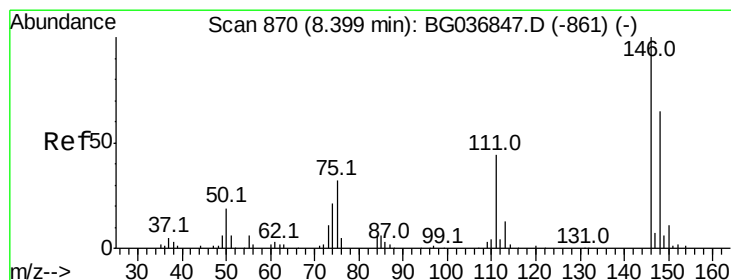
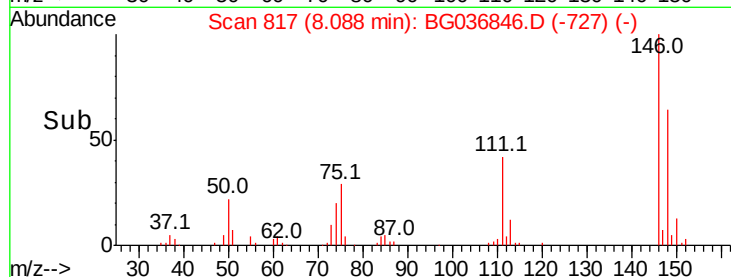
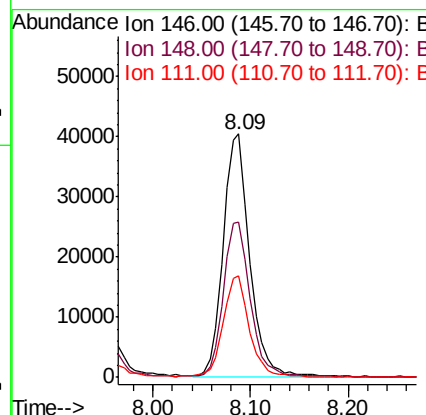
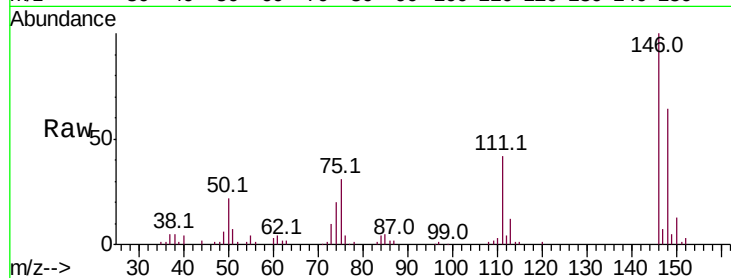




#13
 1,4-Dichlorobenzene
 Concen: 24.583 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

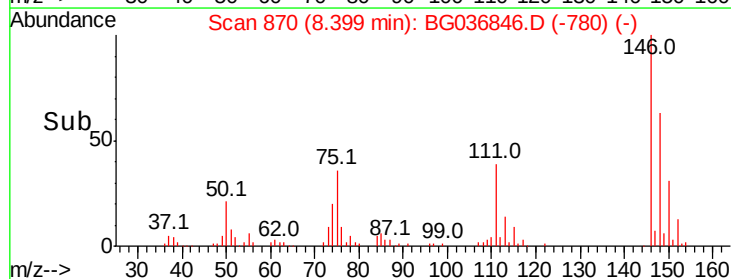
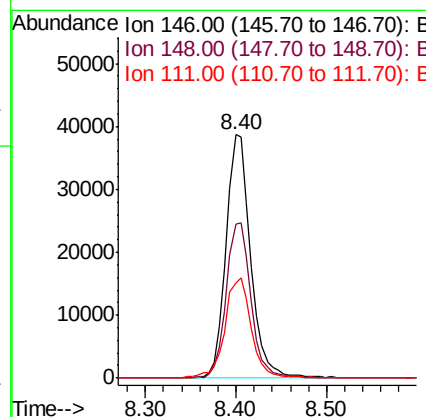
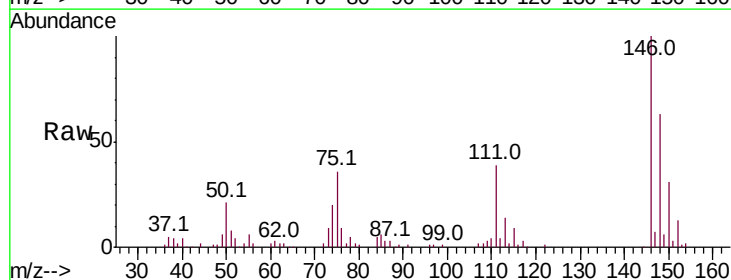
Instrument :
 BNA_G
 ClientSampled :

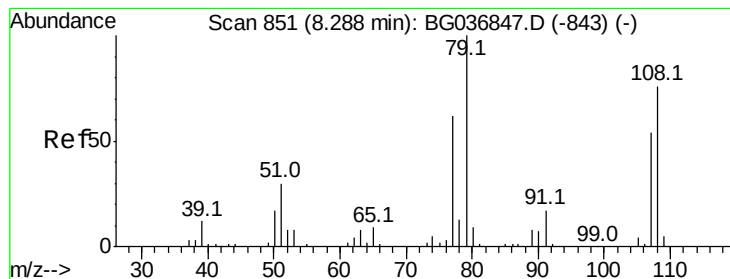
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	53.9	80.9
111	41.6	33.8	50.6



#14
 1,2-Dichlorobenzene
 Concen: 24.429 ng
 RT: 8.40 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	55.0	82.6
111	39.3	34.6	51.8





#15

Benzyl Alcohol

Concen: 22.566 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Instrument :

BNA_G

ClientSampleId :

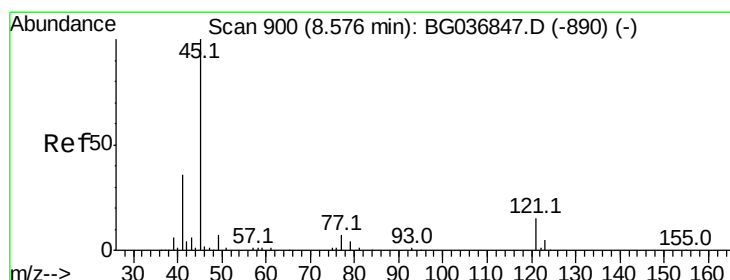
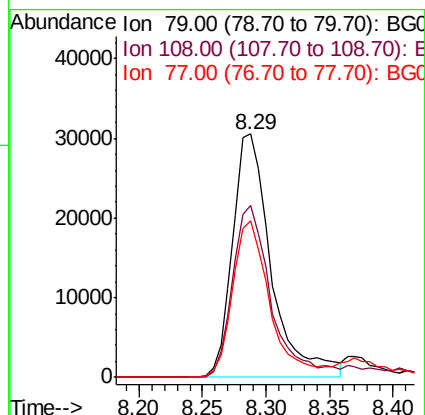
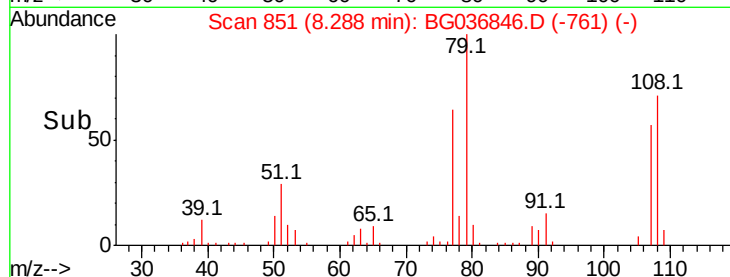
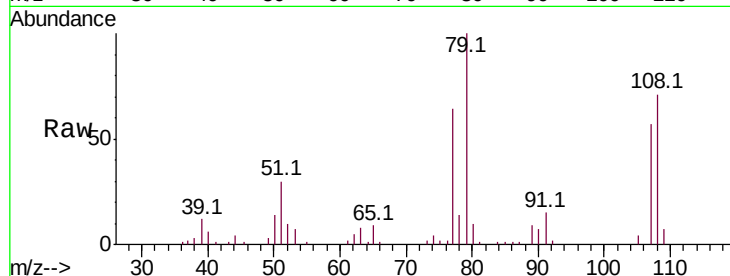
Tot Ion: 79 Resp: 64694

Ion Ratio Lower Upper

79 100

108 70.8 55.9 83.9

77 64.4 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.446 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

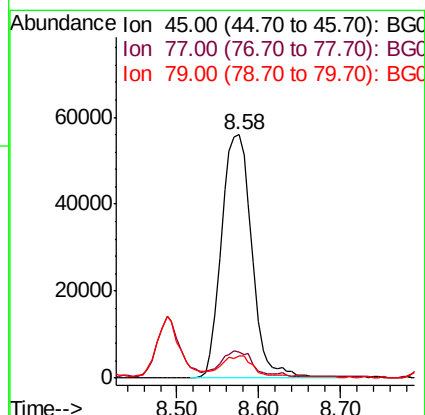
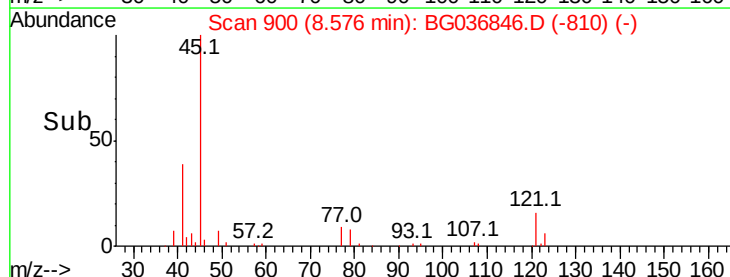
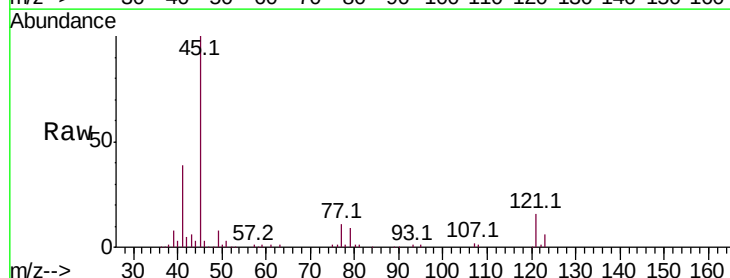
Tgt Ion: 45 Resp: 145455

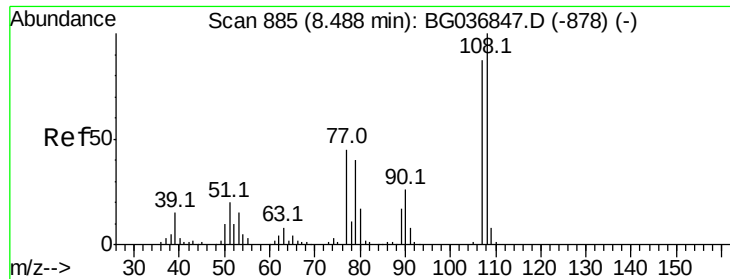
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.5

79 9.2 0.0 27.9

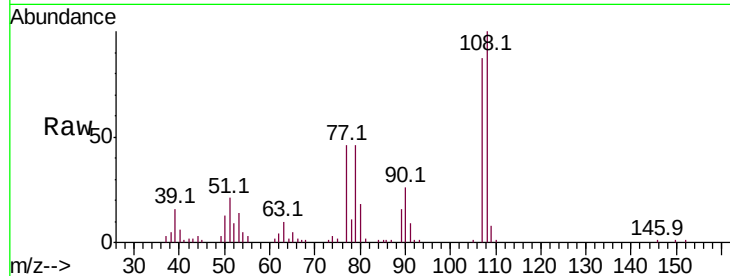




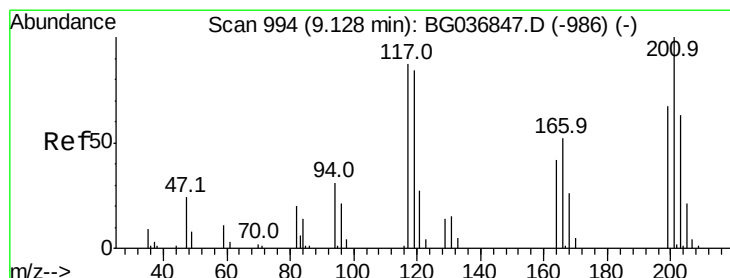
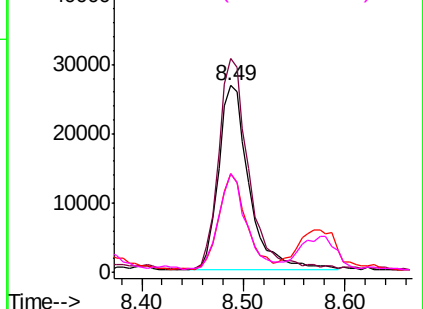
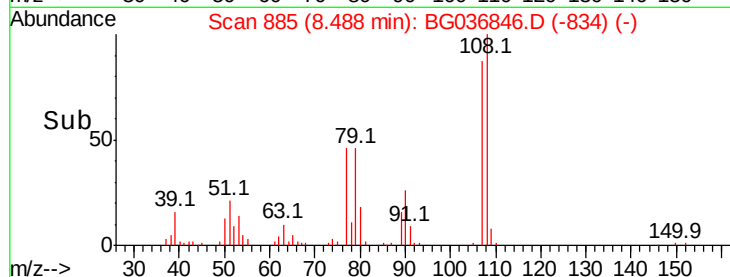
#17
2-Methylphenol
Concen: 22.690 ng
RT: 8.49 min Scan# 885
Delta R.T. -0.00 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	56070
Ion	Ratio	Lower	Upper
107	100		
108	114.6	86.7	130.1
77	53.1	39.0	58.4
79	52.8	36.6	54.8

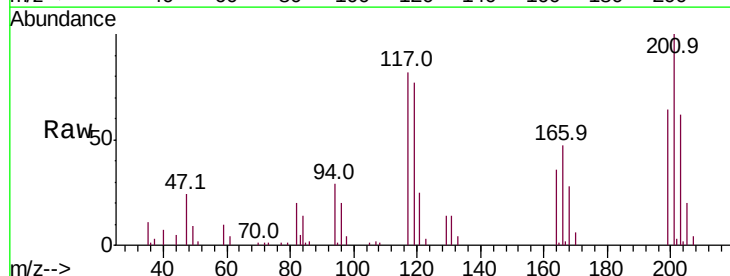


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

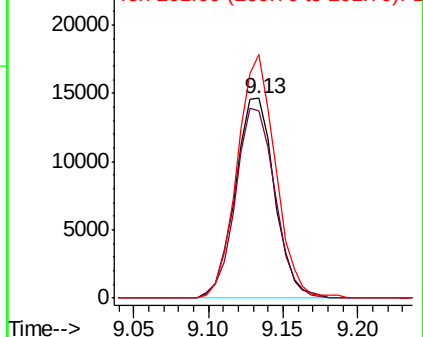
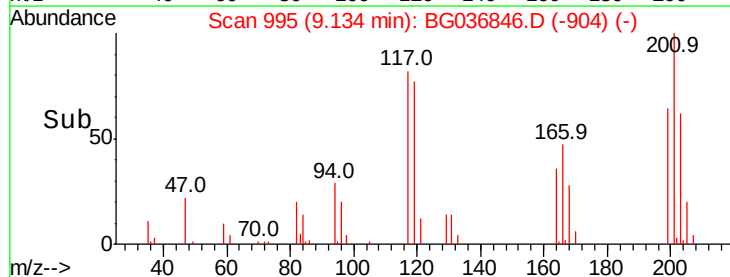


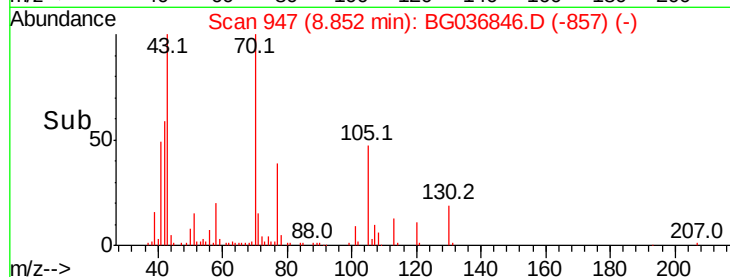
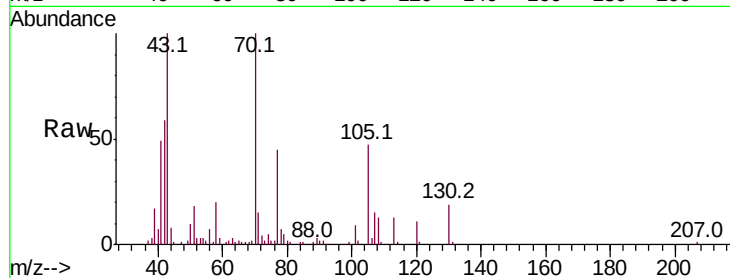
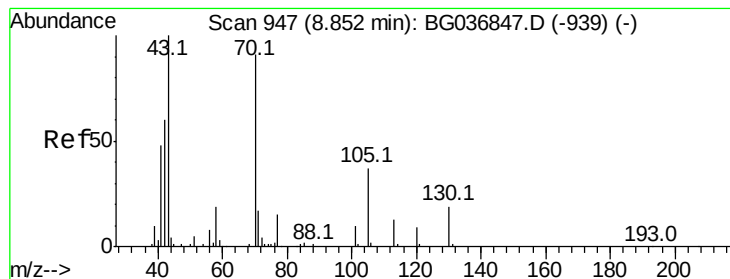
#18
Hexachloroethane
Concen: 24.056 ng
RT: 9.13 min Scan# 995
Delta R.T. 0.01 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

Tgt Ion:	117	Resp:	26783
Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.8	115.2
201	121.8	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: 24.853 ng

RT: 8.85 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 66054

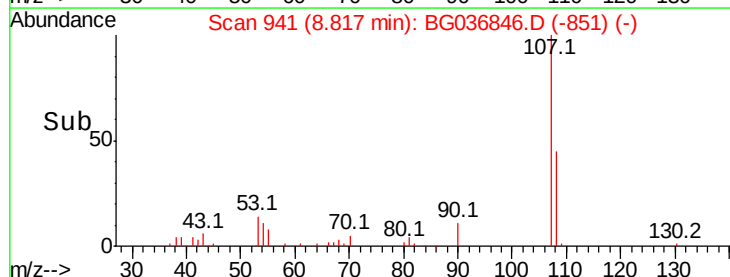
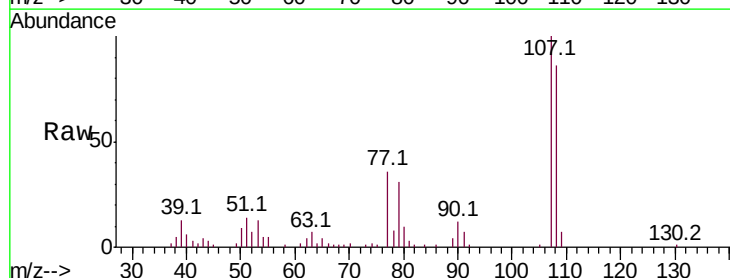
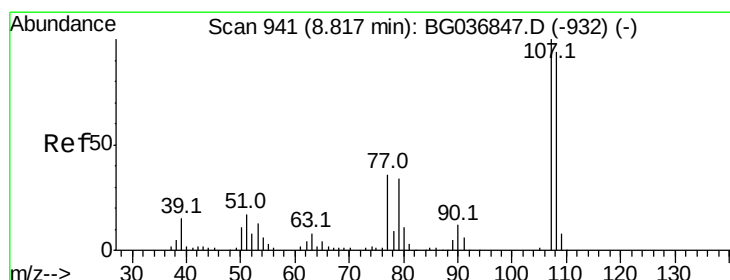
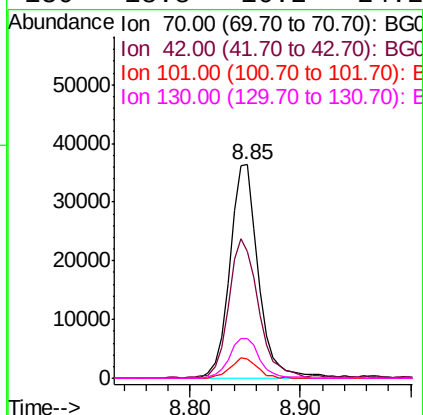
Ion Ratio Lower Upper

70 100

42 59.2 56.2 84.4

101 9.2 7.8 11.6

130 18.8 16.2 24.2



#20

3+4-Methylphenols

Concen: 23.897 ng

RT: 8.82 min Scan# 941

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Tgt Ion:107 Resp: 82447

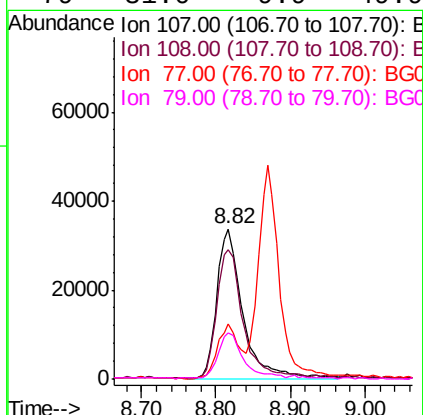
Ion Ratio Lower Upper

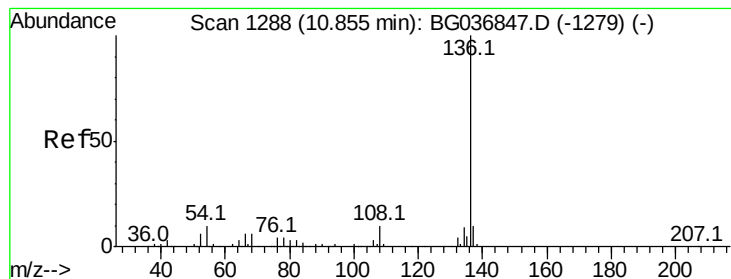
107 100

108 86.2 68.0 108.0

77 36.5 15.6 55.6

79 31.0 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 187462

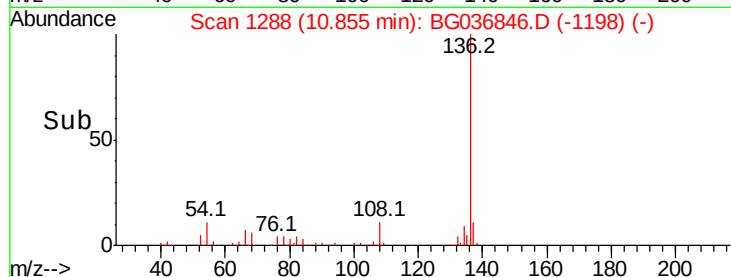
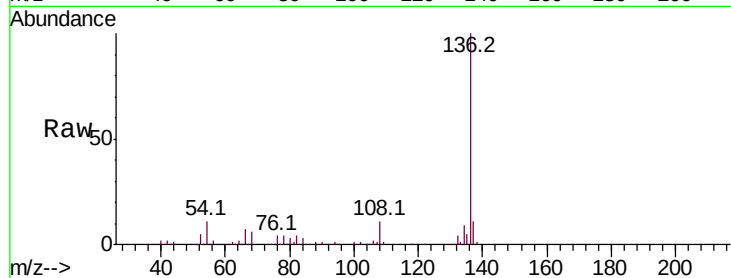
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 11.2 9.2 13.8

68 6.2 5.8 8.6

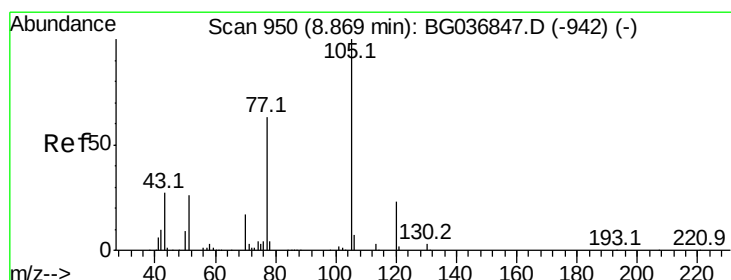
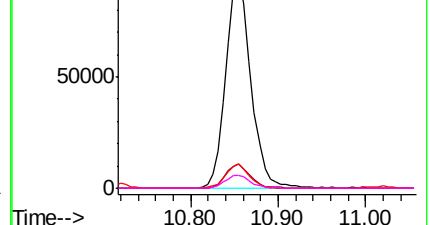


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 22.778 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Tgt Ion:105 Resp: 112127

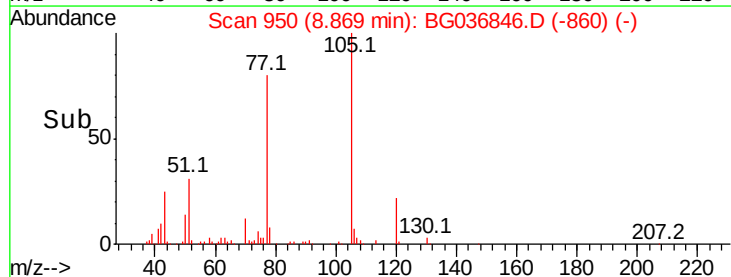
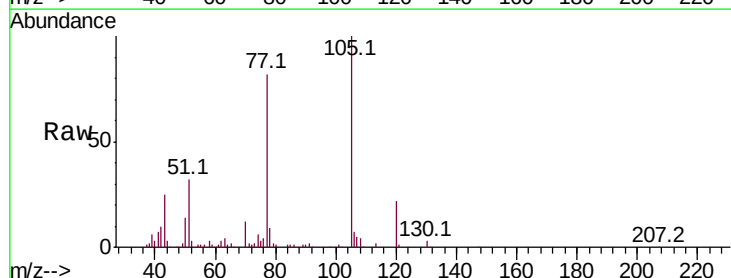
Ion Ratio Lower Upper

105 100

71 2.5 2.4 3.6

51 31.9 25.9 38.9

120 21.5 19.4 29.0

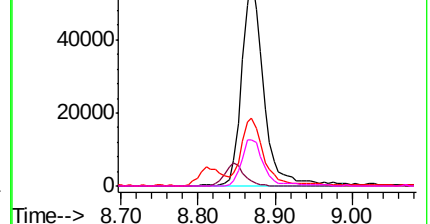


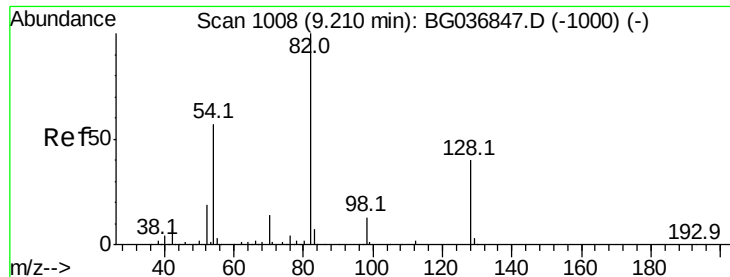
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

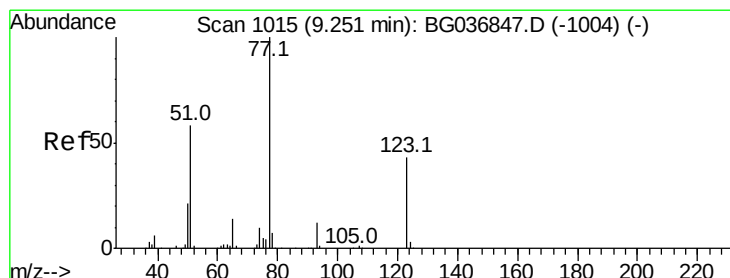
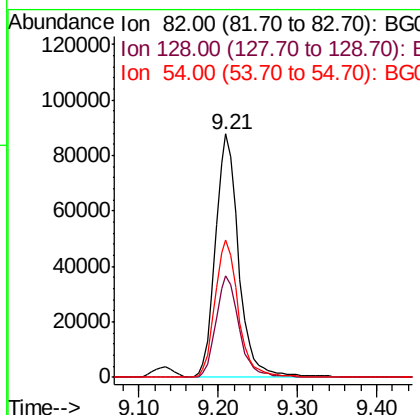
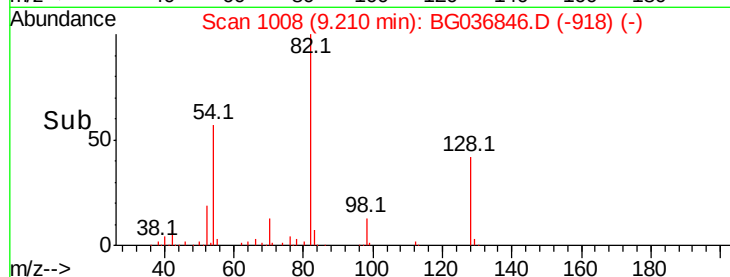
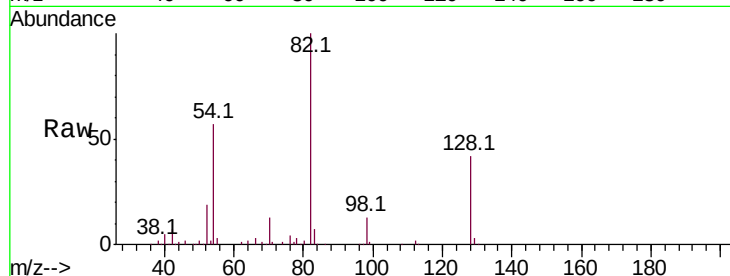




#23
Nitrobenzene-d5
Concen: 50.978 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

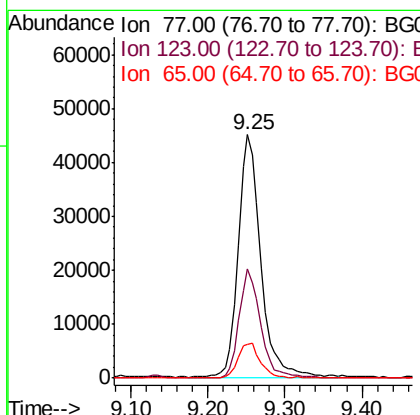
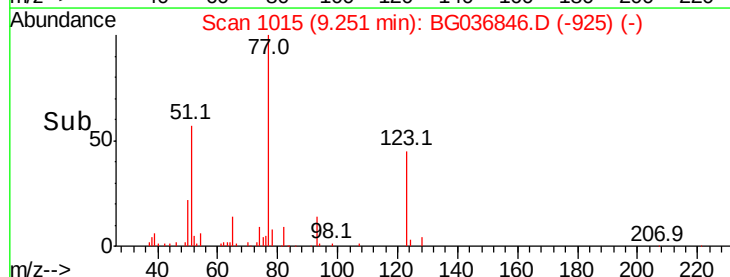
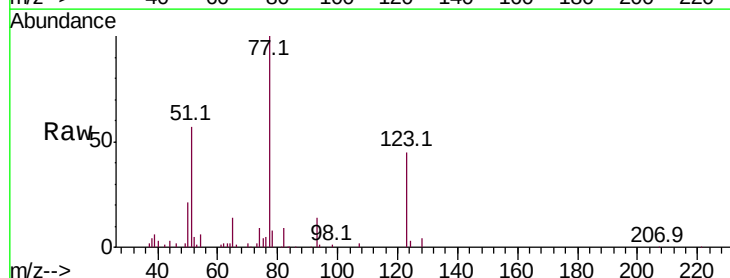
Instrument :
BNA_G
ClientSampled :

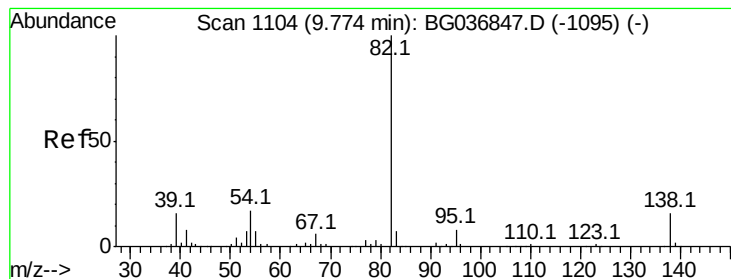
Tot Ion: 82 Resp: 176133
Ion Ratio Lower Upper
82 100
128 41.7 33.3 49.9
54 56.7 45.1 67.7



#24
Nitrobenzene
Concen: 24.713 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 77 Resp: 92075
Ion Ratio Lower Upper
77 100
123 44.8 32.4 48.6
65 14.0 11.5 17.3





#25

Isophorone

Concen: 23.233 ng

RT: 9.77 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Instrument :

BNA_G

ClientSampled :

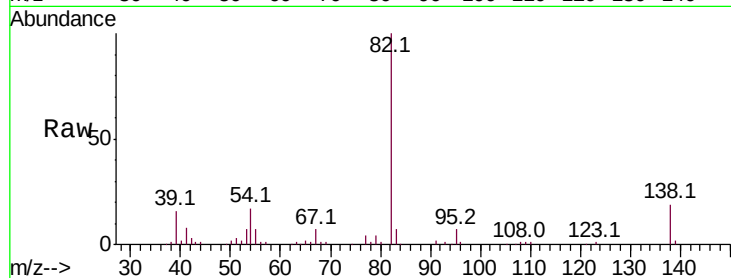
Tot Ion: 82 Resp: 159465

Ion Ratio Lower Upper

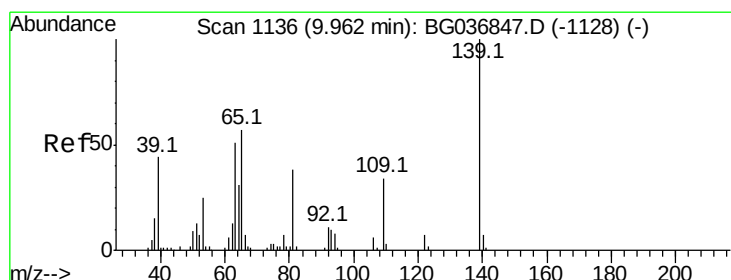
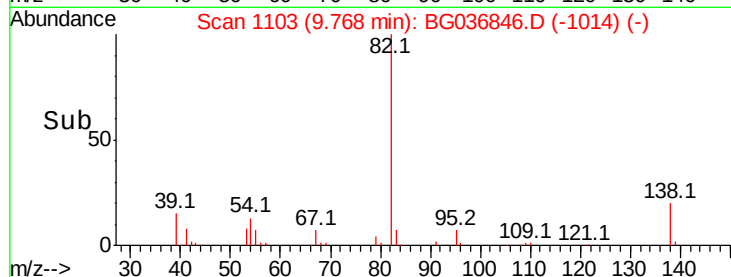
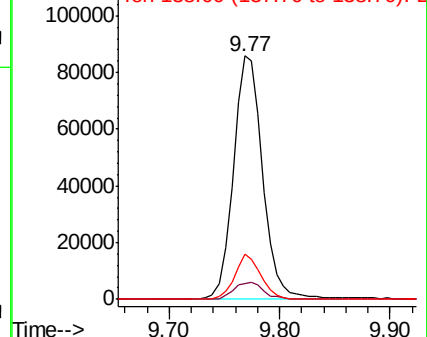
82 100

95 6.6 5.8 8.8

138 18.6 12.9 19.3



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



#26

2-Nitrophenol

Concen: 24.932 ng

RT: 9.97 min Scan# 1137

Delta R.T. 0.01 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

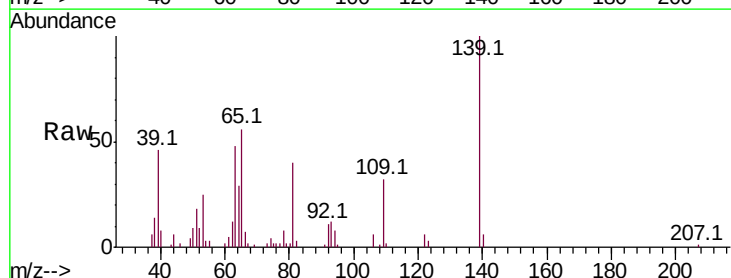
Tgt Ion: 139 Resp: 36809

Ion Ratio Lower Upper

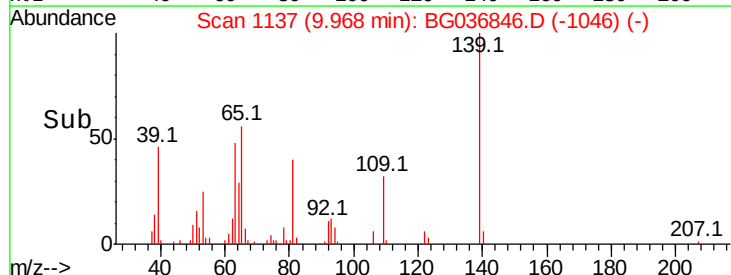
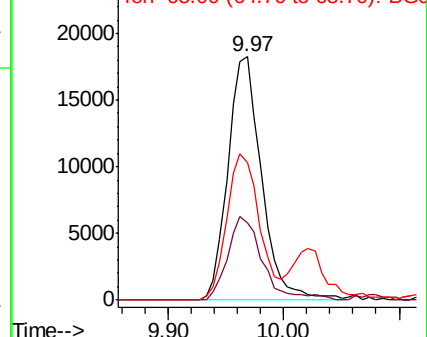
139 100

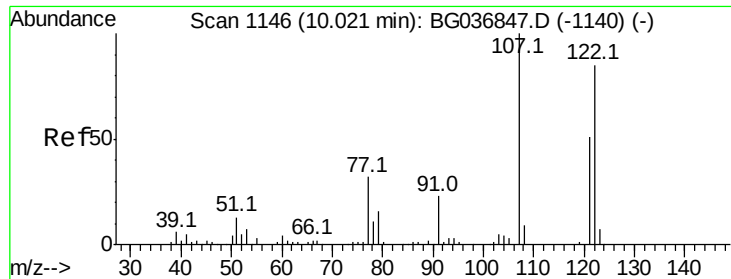
109 31.5 27.4 41.0

65 56.5 47.8 71.6



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

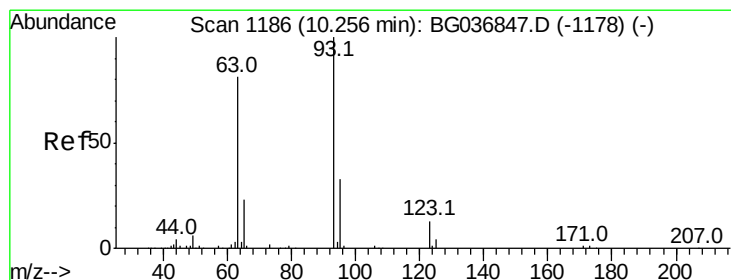
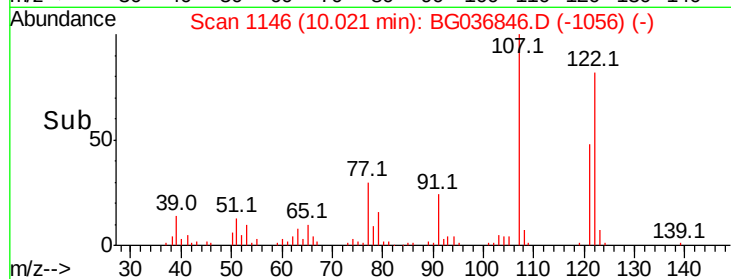
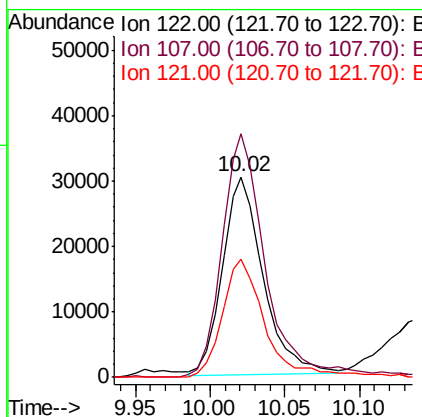
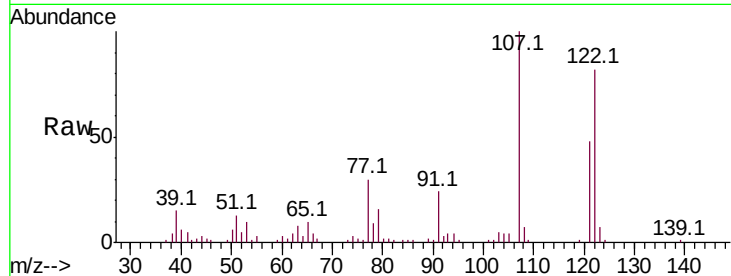




#27
 2,4-Dimethylphenol
 Concen: 21.118 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

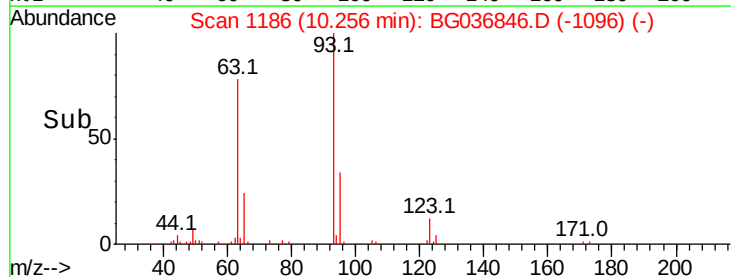
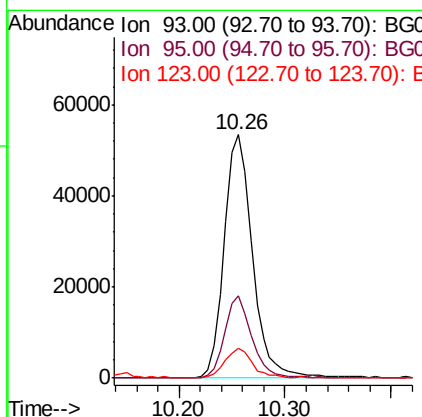
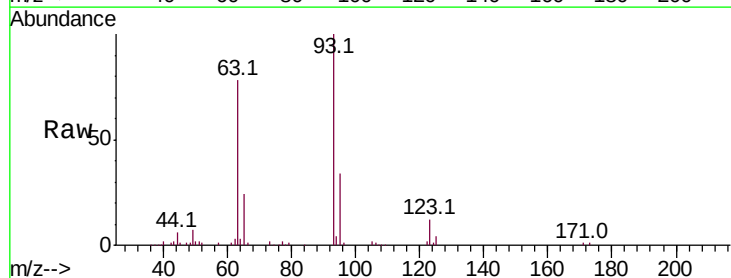
Instrument :
 BNA_G
 ClientSampled :

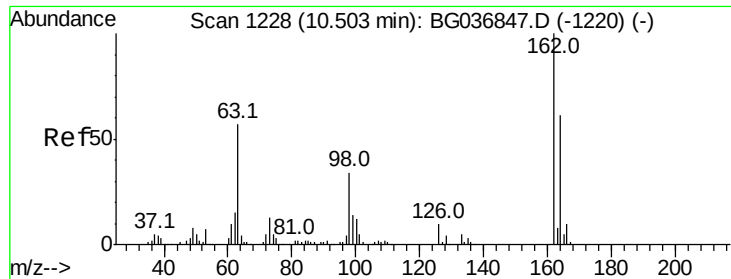
Tot Ion:122 Resp: 57722
 Ion Ratio Lower Upper
 122 100
 107 121.6 96.0 144.0
 121 58.9 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 23.591 ng
 RT: 10.26 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

Tgt Ion: 93 Resp: 99375
 Ion Ratio Lower Upper
 93 100
 95 34.0 25.2 37.8
 123 12.2 8.6 12.8

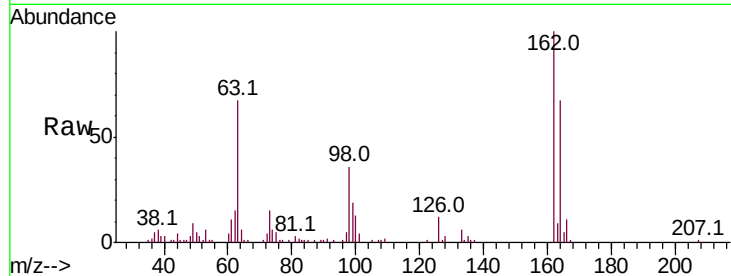




#29
 2,4-Dichlorophenol
 Concen: 22.807 ng
 RT: 10.50 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	162	Resp	68322
Ion Ratio	100	Lower	Upper
164	67.3	47.6	87.6
98	36.4	19.2	59.2

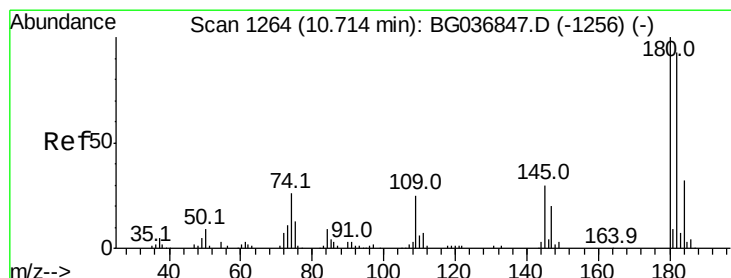
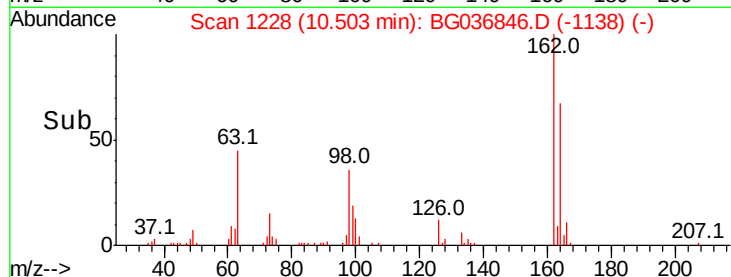
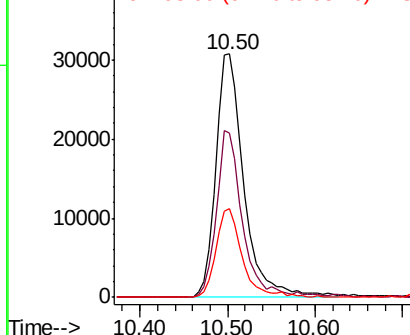


Abundance

Ion 162.00 (161.70 to 162.70): E

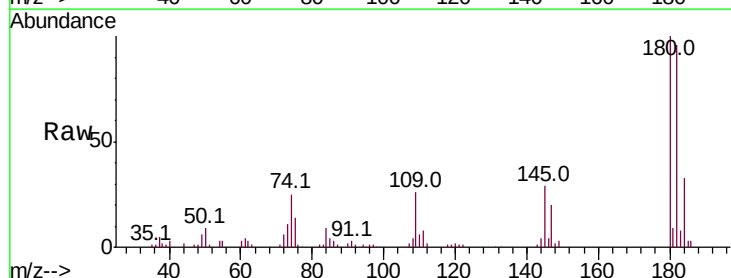
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 23.515 ng
 RT: 10.71 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

Tgt Ion	180	Resp	82405
Ion Ratio	100	Lower	Upper
182	95.8	76.0	114.0
145	28.7	22.9	34.3

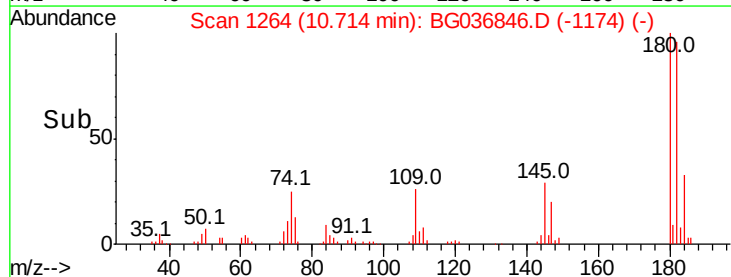
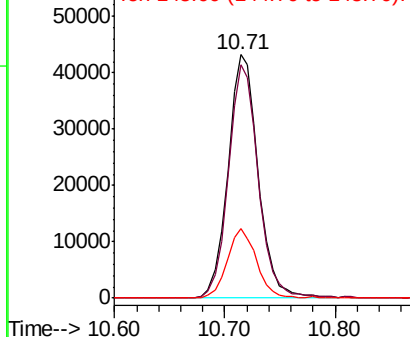


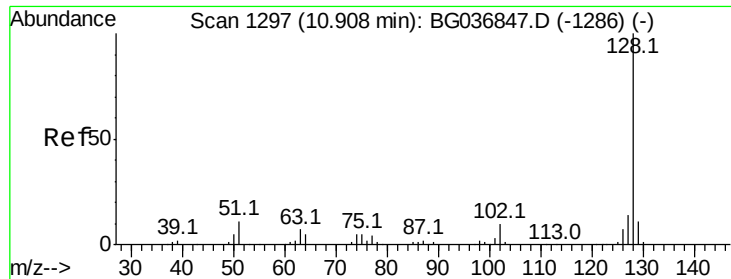
Abundance

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

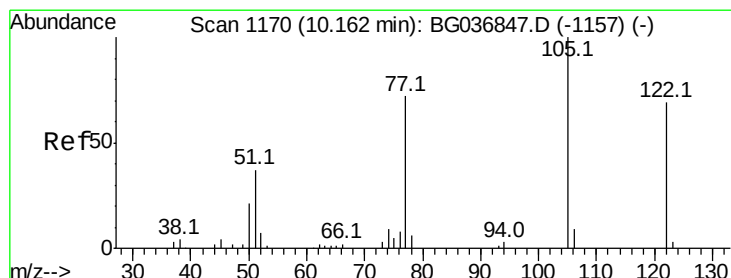
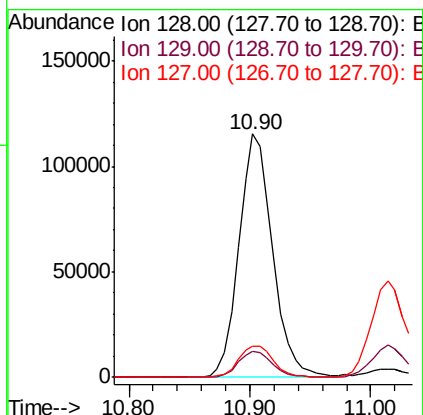
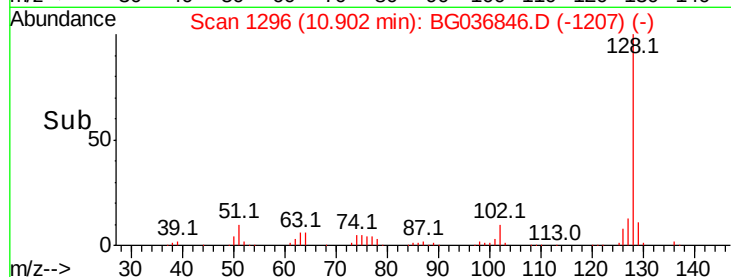
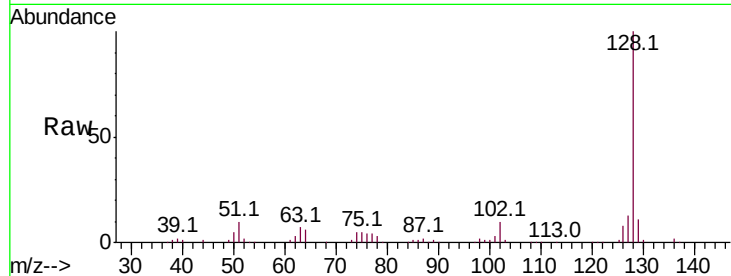




#31
Naphthalene
Concen: 23.808 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

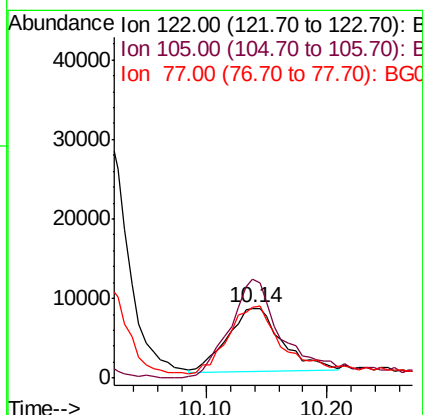
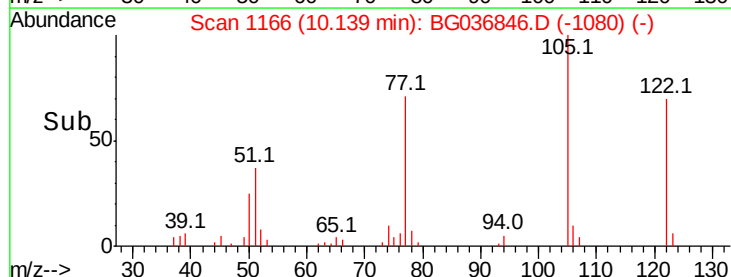
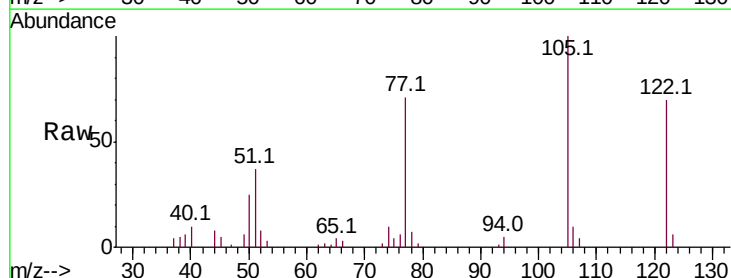
Instrument :
BNA_G
ClientSampleId :

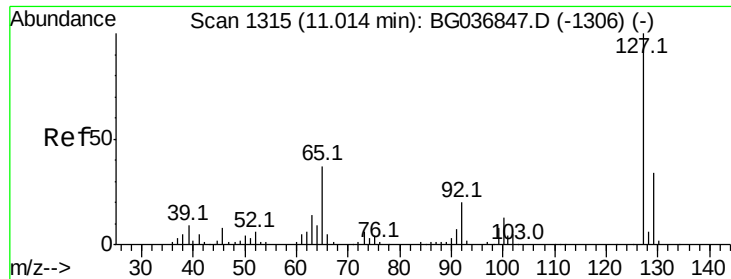
Tot Ion:128 Resp: 223102
Ion Ratio Lower Upper
128 100
129 10.5 9.4 14.2
127 12.8 11.0 16.4



#32
Benzoic acid
Concen: 13.232 ng
RT: 10.14 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

Tgt Ion:122 Resp: 25014
Ion Ratio Lower Upper
122 100
105 142.7 108.1 148.1
77 100.9 76.3 116.3

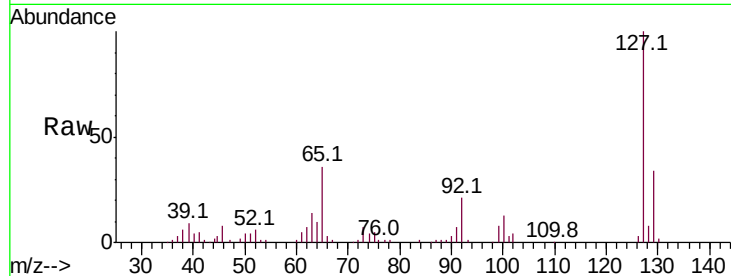




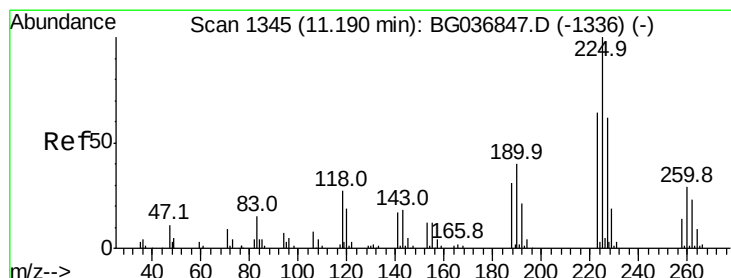
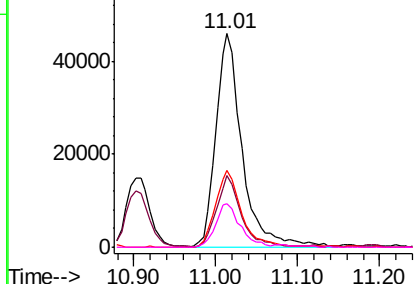
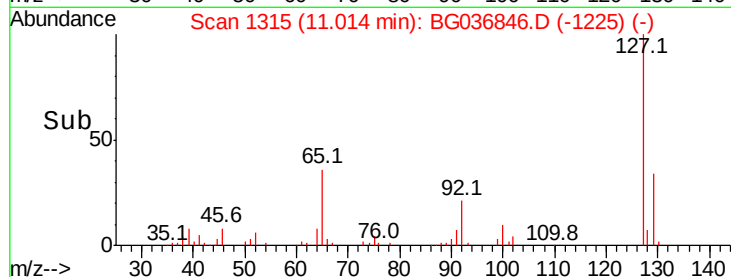
#33
4-Chloroaniline
Concen: 23.881 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	102551
Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.9	38.9
65	36.0	27.5	41.3
92	20.6	16.2	24.2

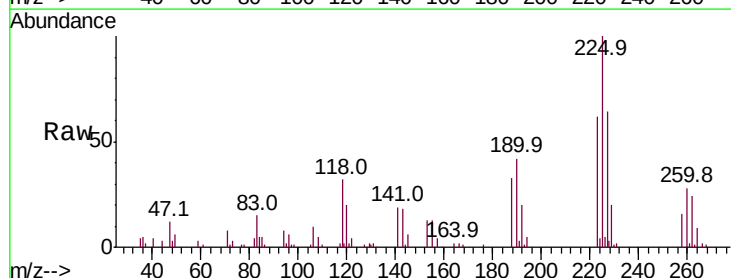


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

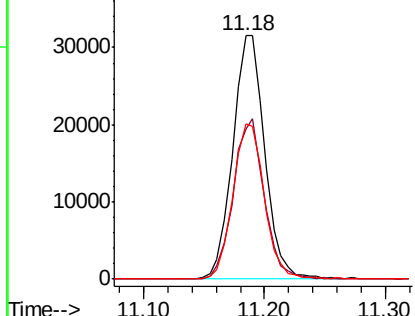
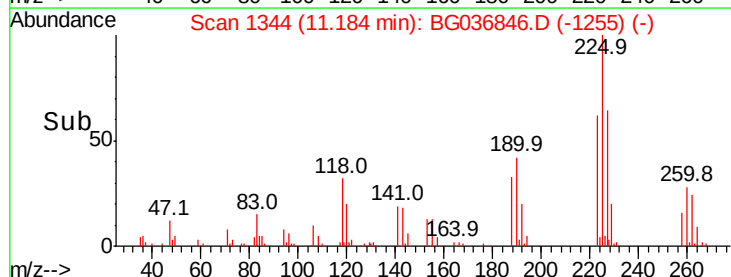


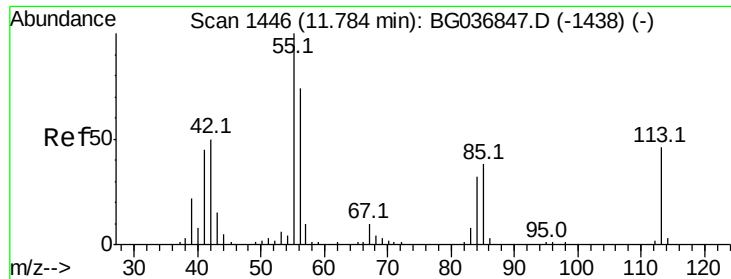
#34
Hexachlorobutadiene
Concen: 24.648 ng
RT: 11.18 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

Tgt Ion:	225	Resp:	58035
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.8	77.8
227	63.8	49.8	74.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

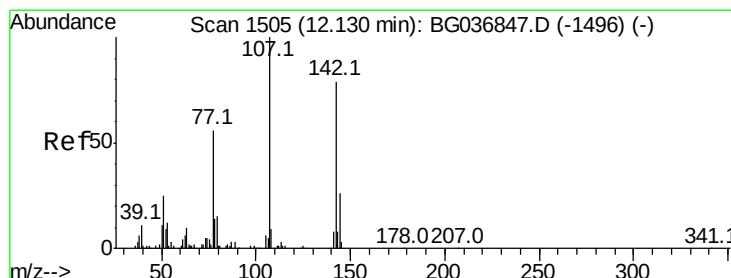
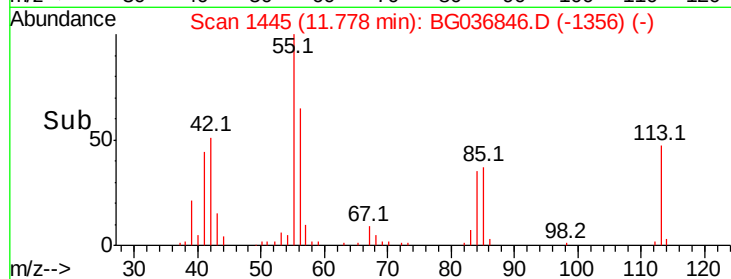
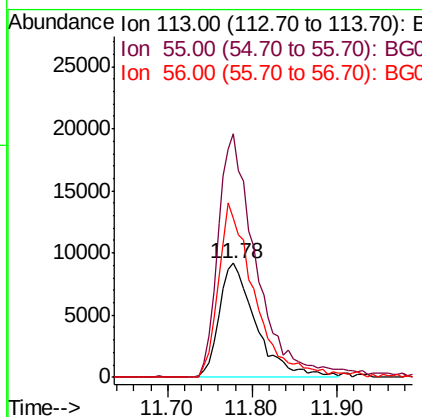
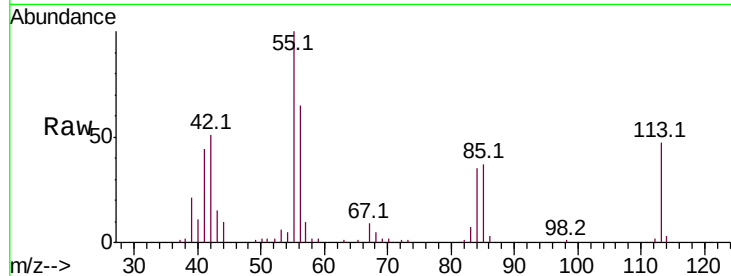




#35
 Caprolactam
 Concen: 23.257 ng
 RT: 11.78 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

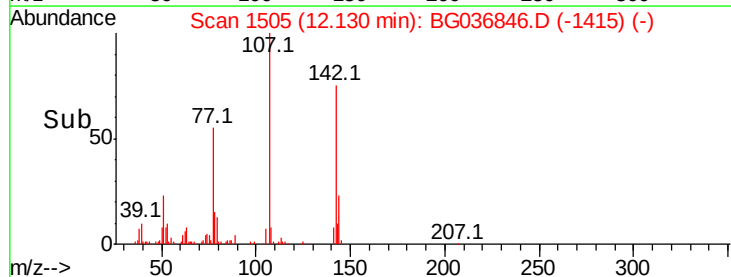
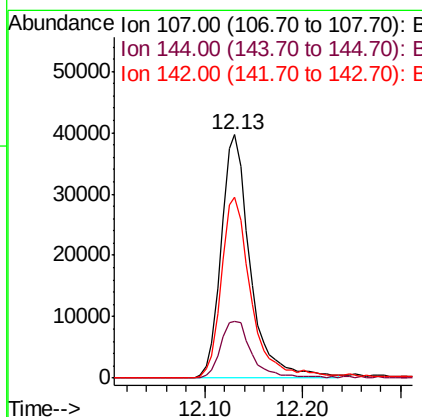
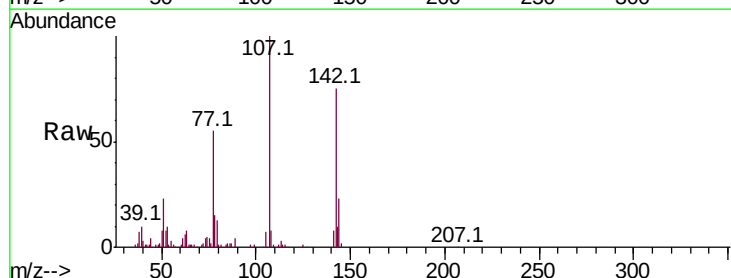
Instrument :
 BNA_G
 ClientSampled :

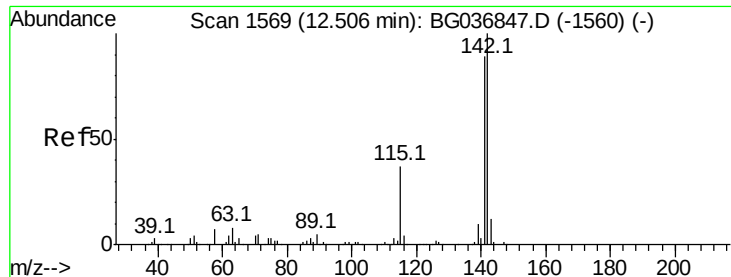
Tot Ion:113 Resp: 27754
 Ion Ratio Lower Upper
 113 100
 55 214.0 197.7 237.7
 56 139.7 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 23.585 ng
 RT: 12.13 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

Tgt Ion:107 Resp: 82094
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.5 29.3
 142 74.5 62.4 93.6

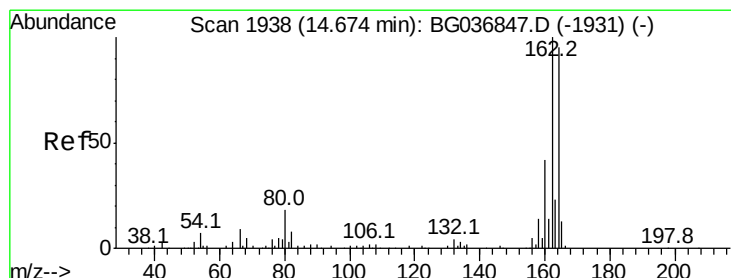
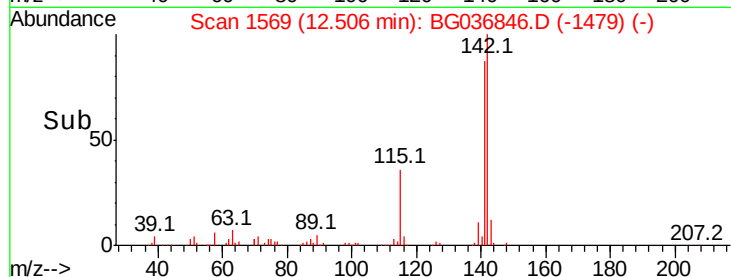
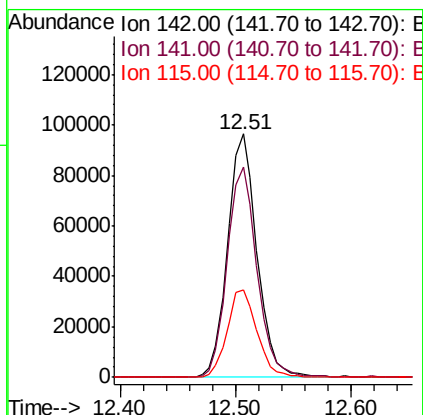
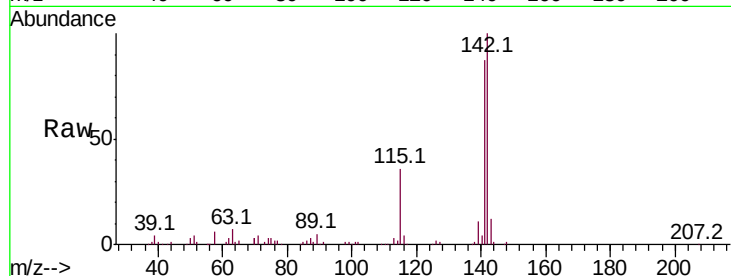




#37
2-Methylnaphthalene
Concen: 24.779 ng
RT: 12.51 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

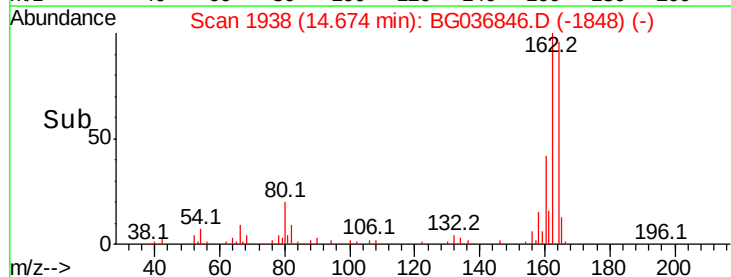
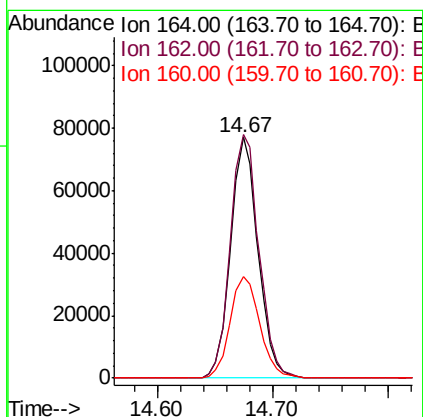
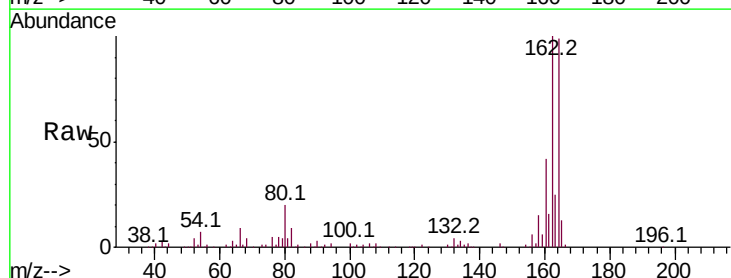
Instrument :
BNA_G
ClientSampleId :

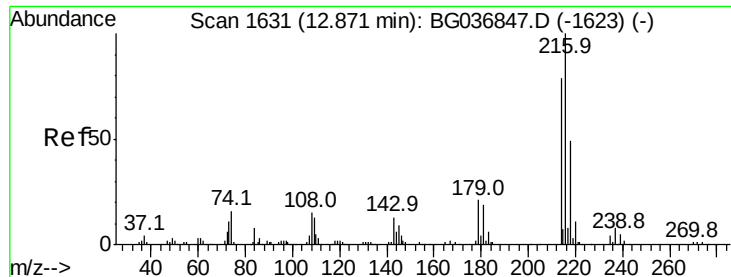
Tot Ion:142 Resp: 169903
Ion Ratio Lower Upper
142 100
141 86.6 68.5 102.7
115 35.8 29.8 44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

Tgt Ion:164 Resp: 126671
Ion Ratio Lower Upper
164 100
162 101.1 80.7 121.1
160 42.3 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.989 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 112021

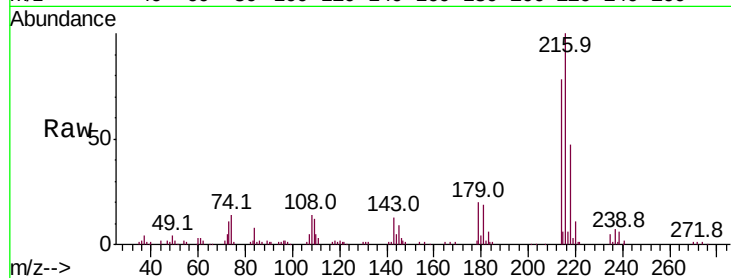
Ion Ratio Lower Upper

216 100

214 77.9 61.0 91.6

179 19.6 15.7 23.5

108 15.7 13.1 19.7

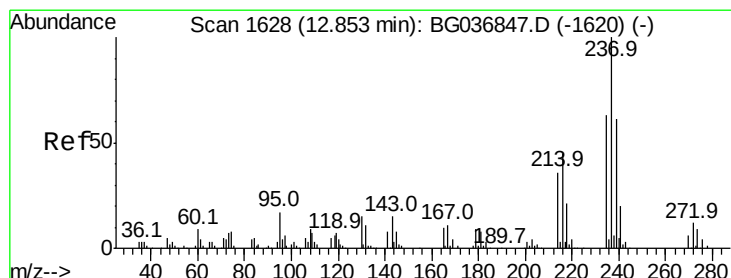
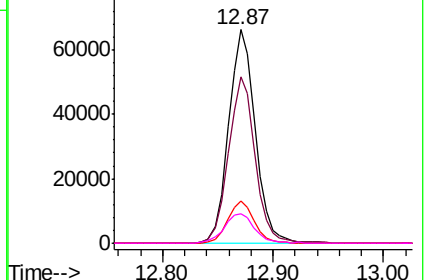
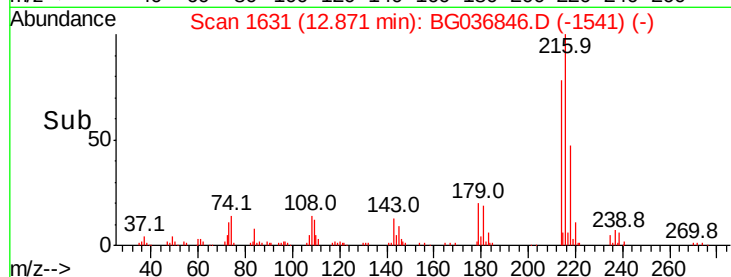


Abundance Ion 216.00 (215.70 to 216.70): E

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: 23.144 ng

RT: 12.85 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

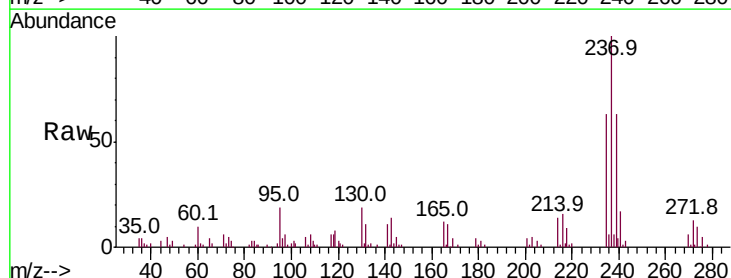
Tgt Ion:237 Resp: 53980

Ion Ratio Lower Upper

237 100

235 63.1 42.2 82.2

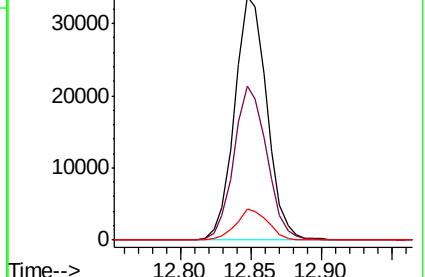
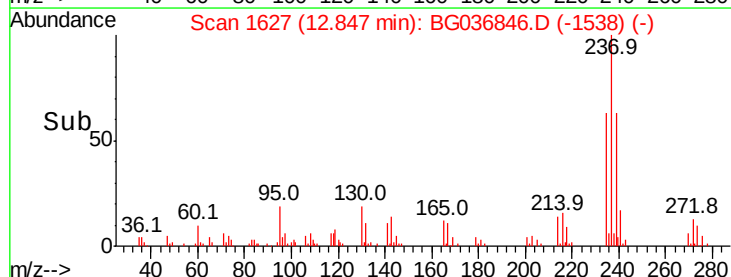
272 13.0 0.0 32.1

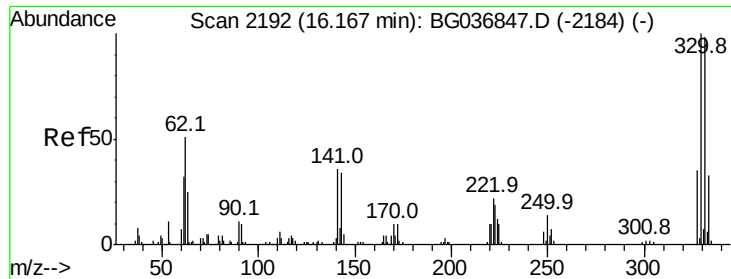


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

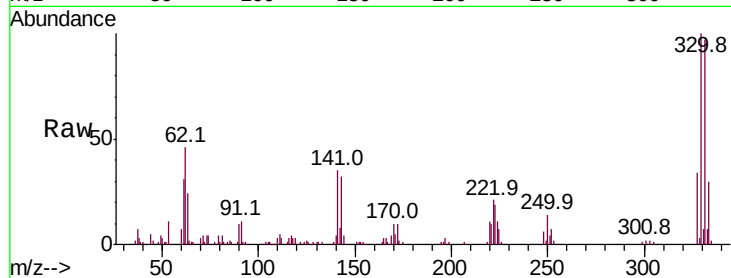




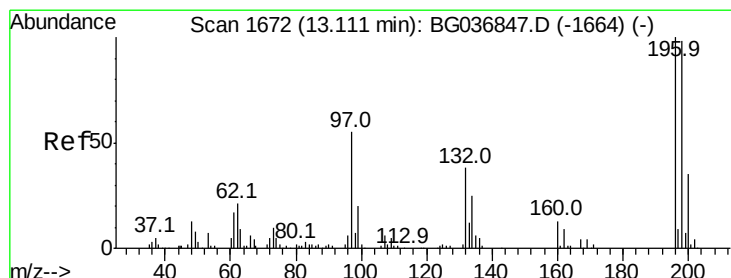
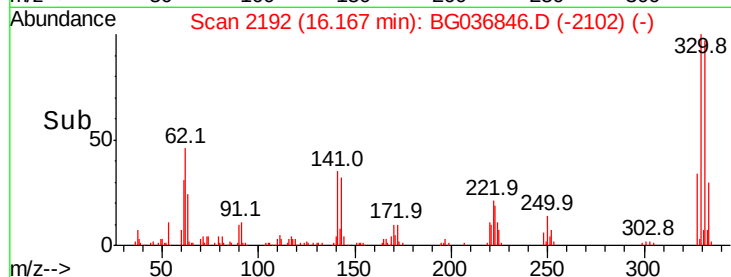
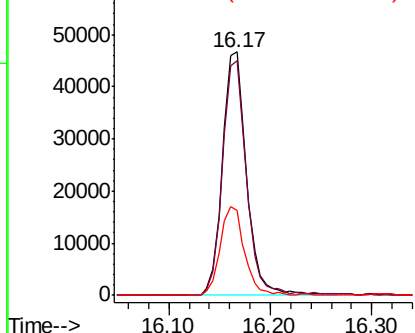
#41
 2,4,6-Tribromophenol
 Concen: 51.175 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 77349
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.4 113.2
 141 36.5 30.7 46.1

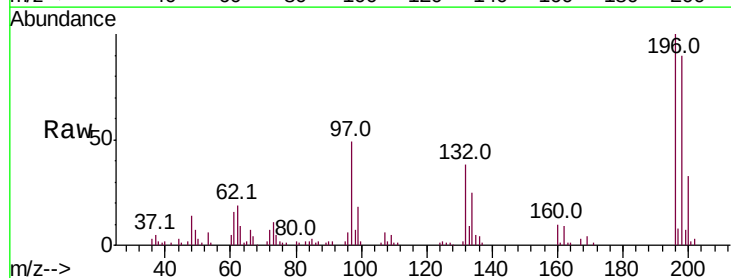


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

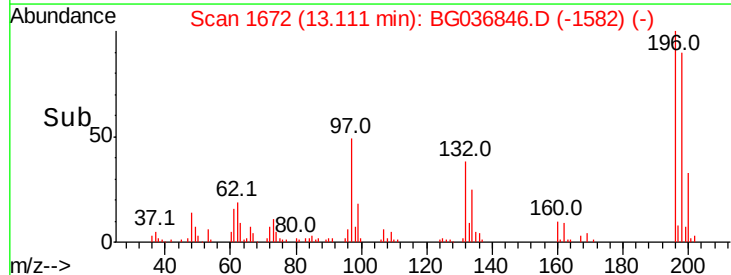
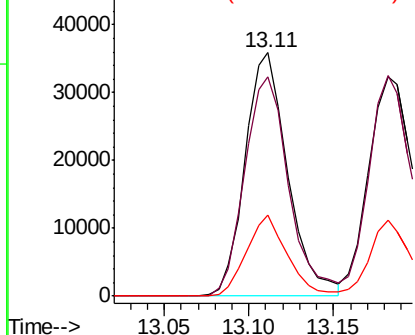


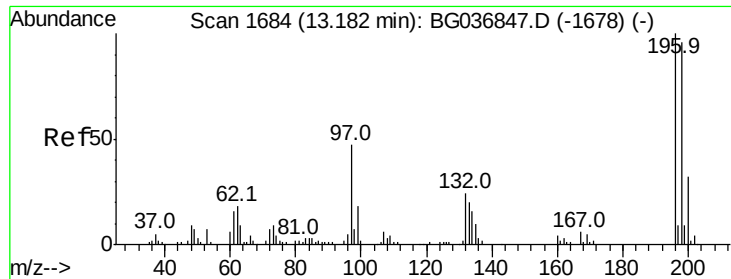
#42
 2,4,6-Trichlorophenol
 Concen: 23.076 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

Tgt Ion:196 Resp: 63013
 Ion Ratio Lower Upper
 196 100
 198 90.2 77.2 115.8
 200 33.5 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

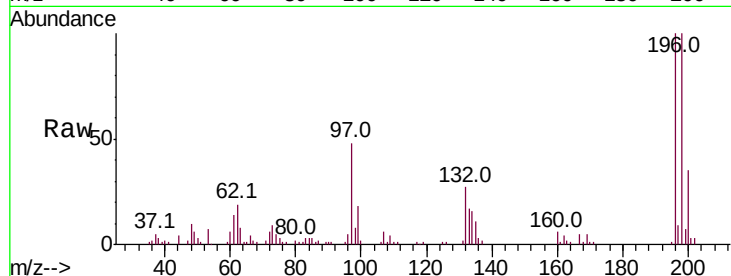




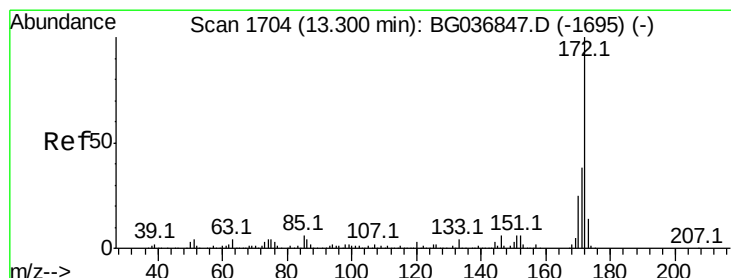
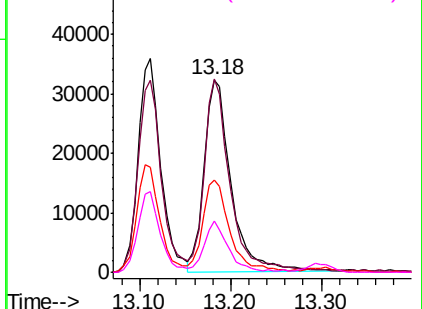
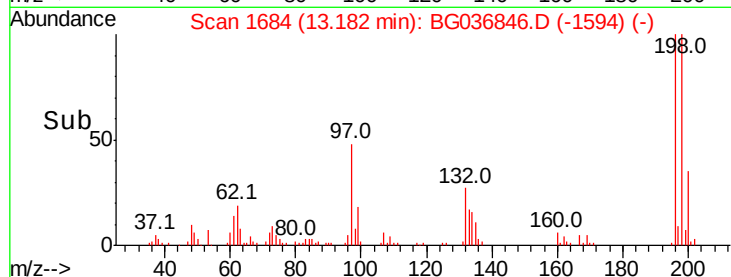
#43
 2,4,5-Trichlorophenol
 Concen: 22.839 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 66520
 Ion Ratio Lower Upper
 196 100
 198 100.2 75.6 113.4
 97 47.7 37.2 55.8
 132 26.8 19.4 29.2

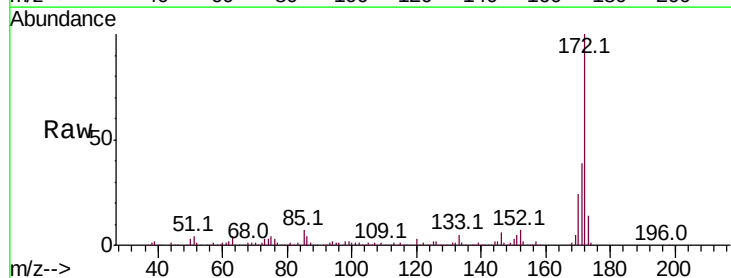


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

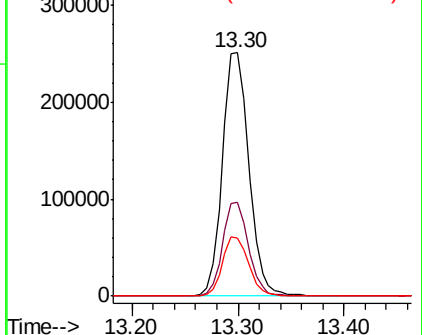
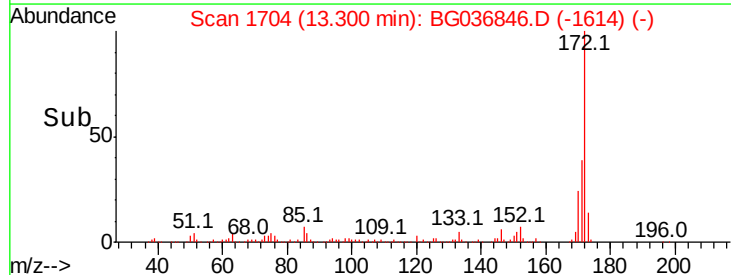


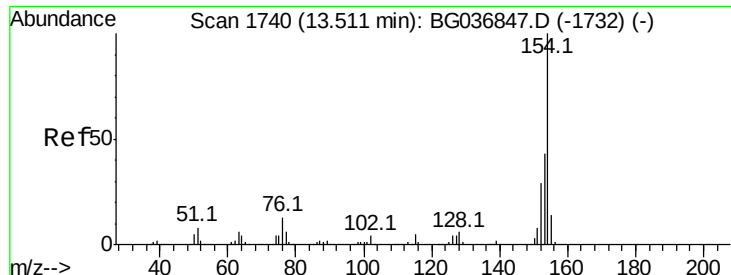
#44
 2-Fluorobiphenyl
 Concen: 49.314 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

Tgt Ion:172 Resp: 437493
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.3 46.9
 170 23.6 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: 23.533 ng

RT: 13.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Instrument :

BNA_G

ClientSampleId :

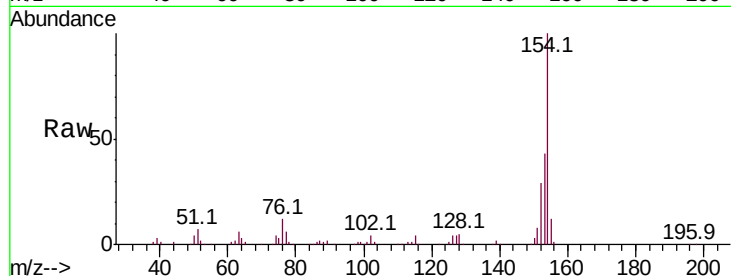
Tot Ion:154 Resp: 247447

Ion Ratio Lower Upper

154 100

153 42.6 24.0 64.0

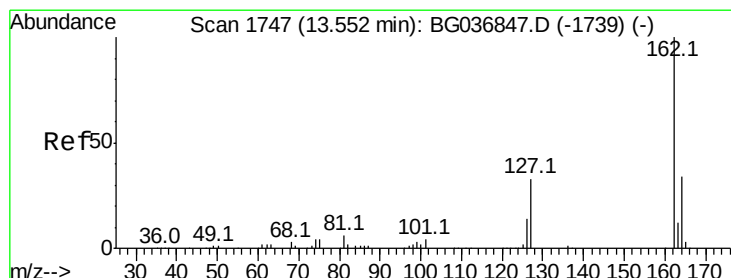
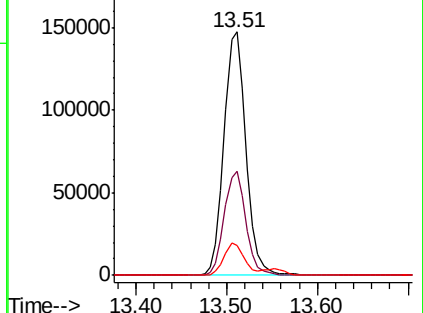
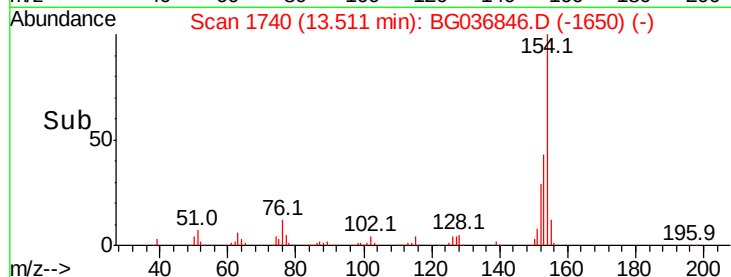
76 12.4 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 23.987 ng

RT: 13.55 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

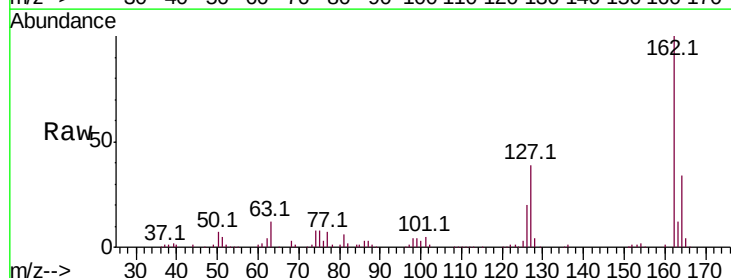
Tgt Ion:162 Resp: 192543

Ion Ratio Lower Upper

162 100

127 39.2 30.7 46.1

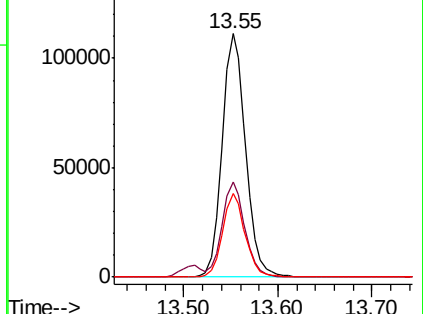
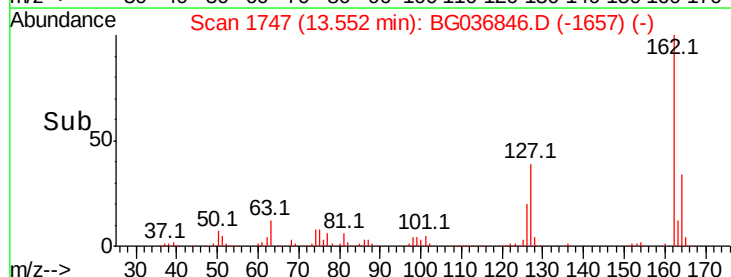
164 34.5 26.7 40.1

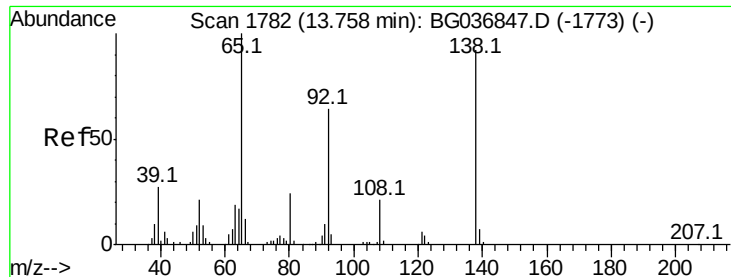


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 27.184 ng

RT: 13.76 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Instrument :

BNA_G

ClientSampled :

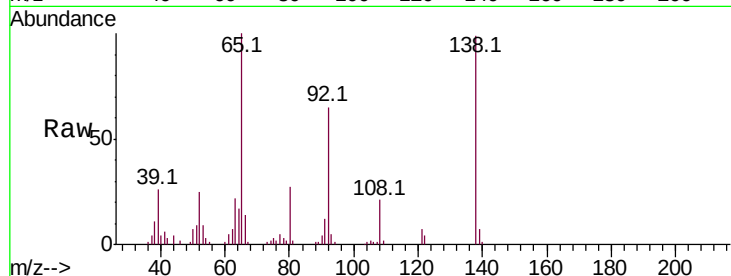
Tot Ion: 65 Resp: 68521

Ion Ratio Lower Upper

65 100

92 65.5 49.9 74.9

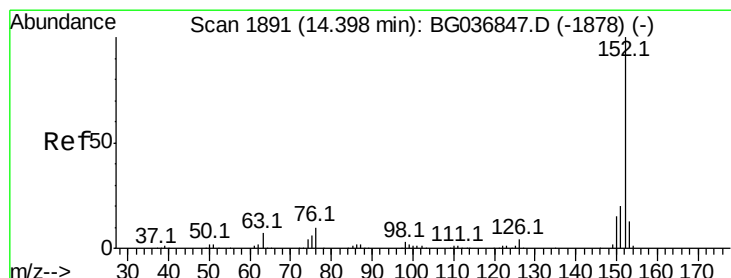
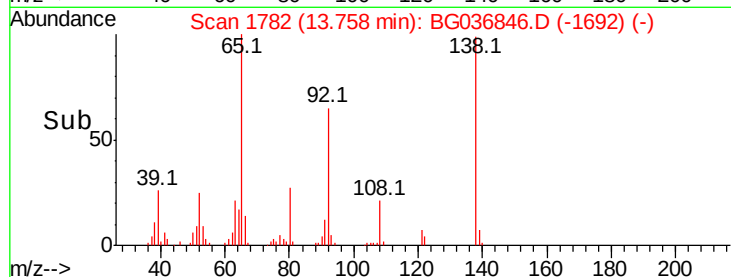
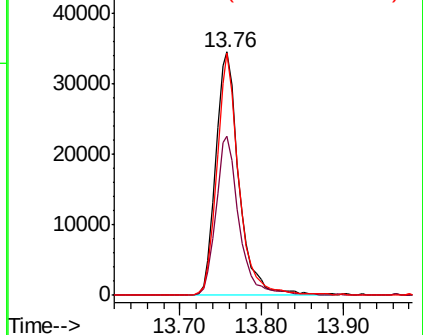
138 99.4 76.2 114.4



Abundance Ion 65.00 (64.70 to 65.70): BG036846.D (-1773) (-)

Ion 92.00 (91.70 to 92.70): BG036846.D (-1773) (-)

Ion 138.00 (137.70 to 138.70): BG036846.D (-1773) (-)



#48

Acenaphthylene

Concen: 24.512 ng

RT: 14.40 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

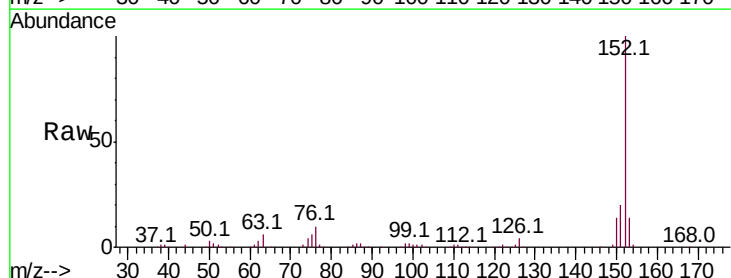
Tgt Ion: 152 Resp: 307503

Ion Ratio Lower Upper

152 100

151 19.8 16.9 25.3

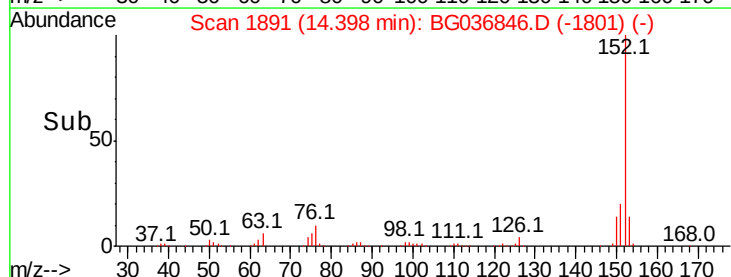
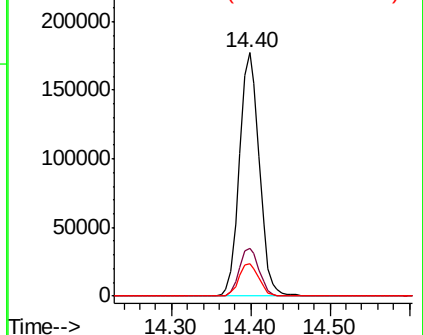
153 13.5 11.2 16.8

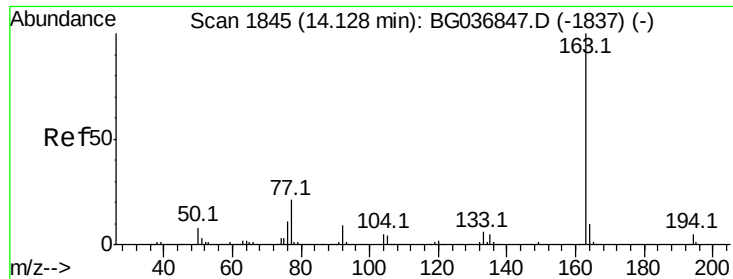


Abundance Ion 152.00 (151.70 to 152.70): BG036846.D (-1878) (-)

Ion 151.00 (150.70 to 151.70): BG036846.D (-1878) (-)

Ion 153.00 (152.70 to 153.70): BG036846.D (-1878) (-)





#49

Dimethylphthalate

Concen: 25.422 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Instrument :

BNA_G

ClientSampled :

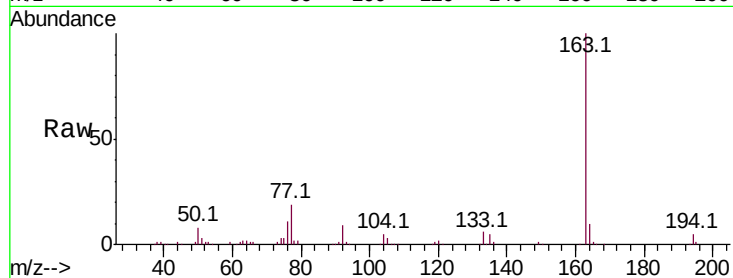
Tot Ion:163 Resp: 262953

Ion Ratio Lower Upper

163 100

194 5.1 4.0 6.0

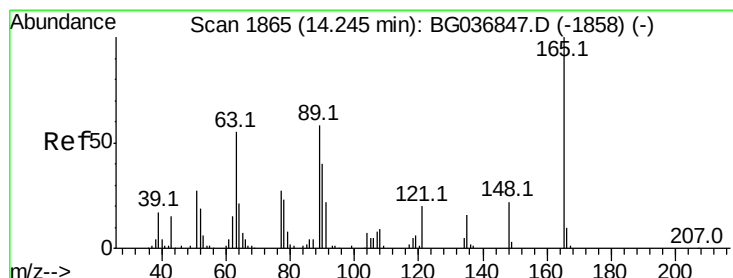
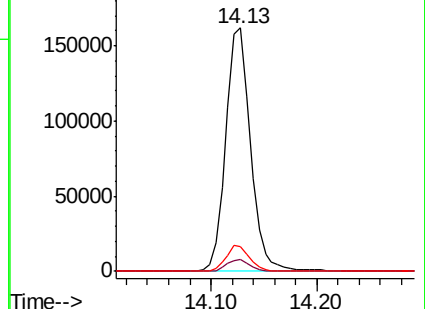
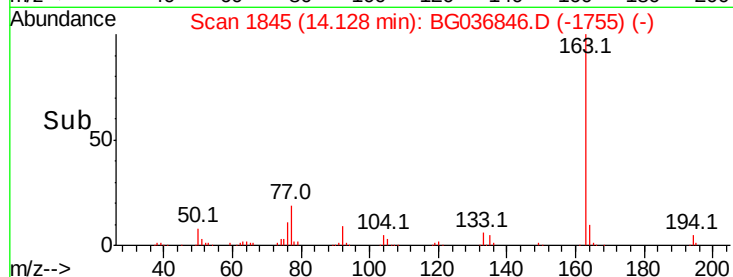
164 10.2 8.1 12.1



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: 27.167 ng

RT: 14.25 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

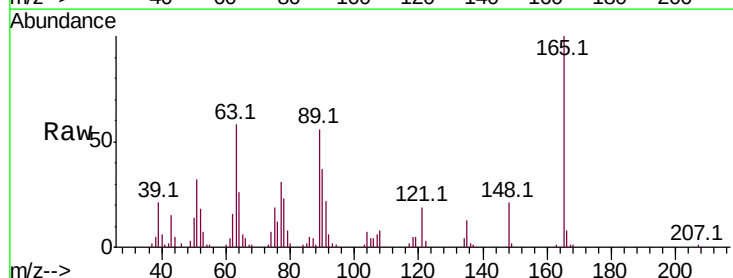
Tgt Ion:165 Resp: 57822

Ion Ratio Lower Upper

165 100

63 57.6 50.1 75.1

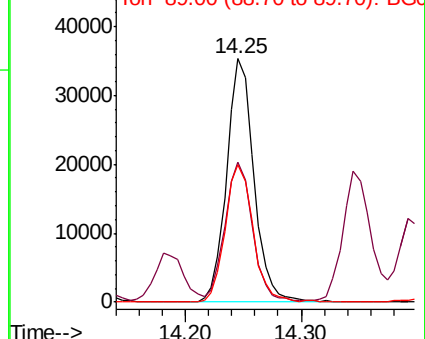
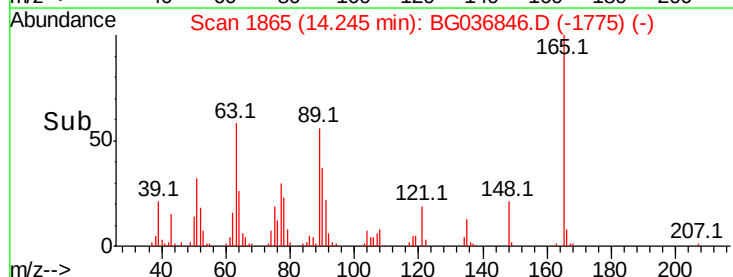
89 56.4 47.8 71.6

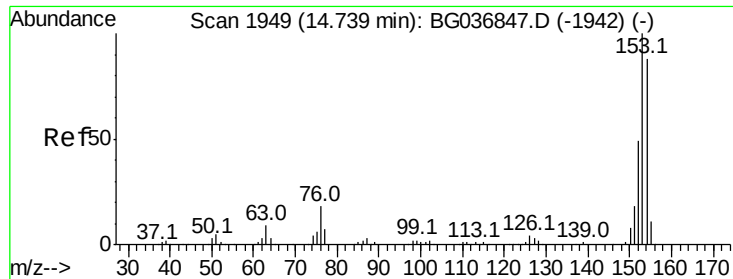


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 22.500 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Instrument :

BNA_G

ClientSampleId :

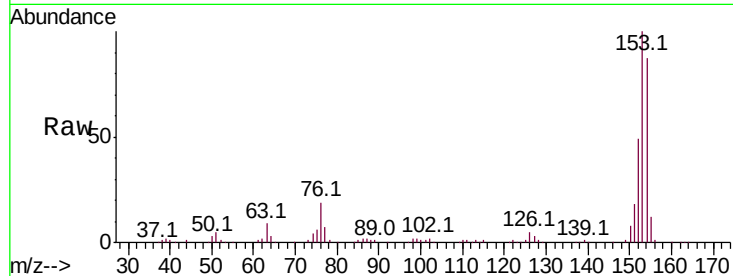
Tot Ion:154 Resp: 180776

Ion Ratio Lower Upper

154 100

153 114.5 91.8 137.6

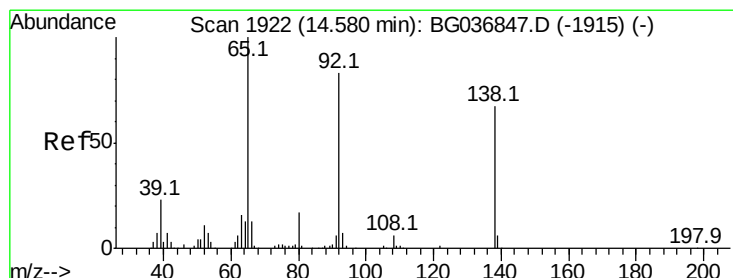
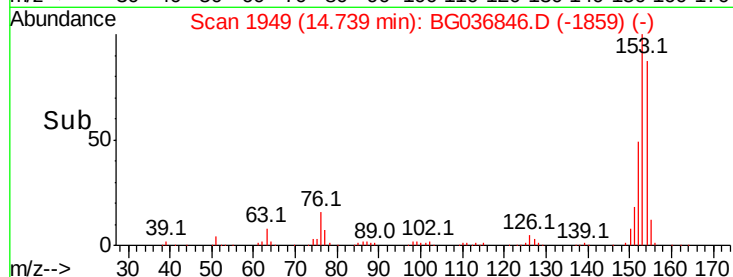
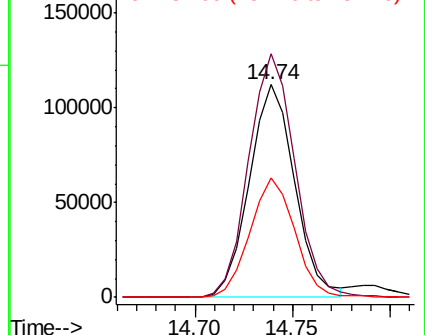
152 56.4 43.5 65.3



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: 26.949 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

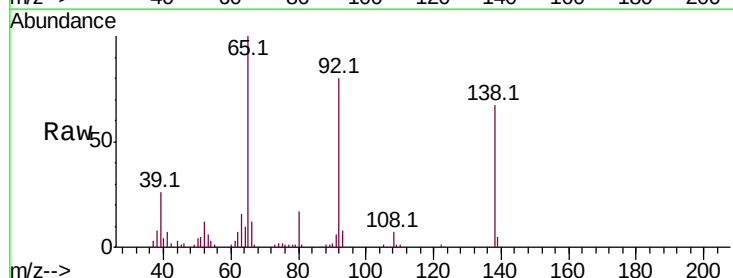
Tgt Ion:138 Resp: 61811

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.2

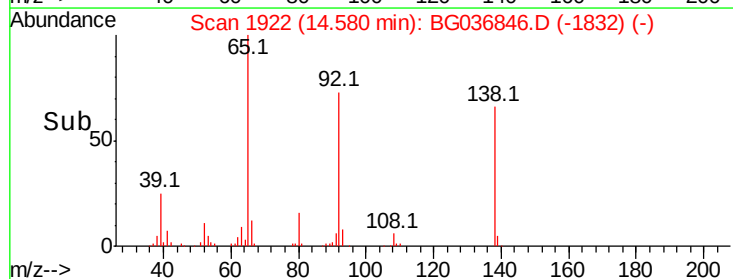
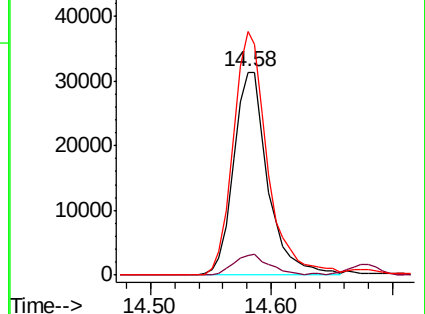
92 120.0 96.8 145.2

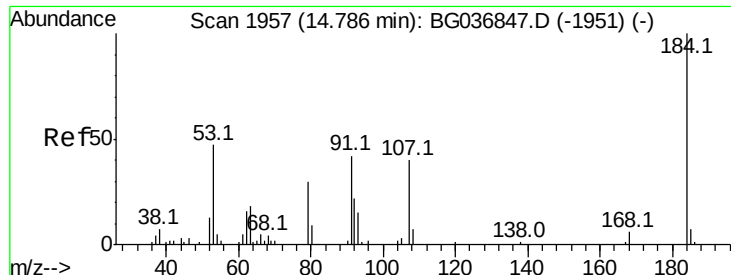


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

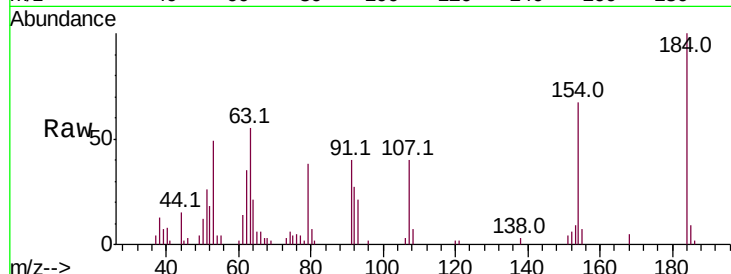




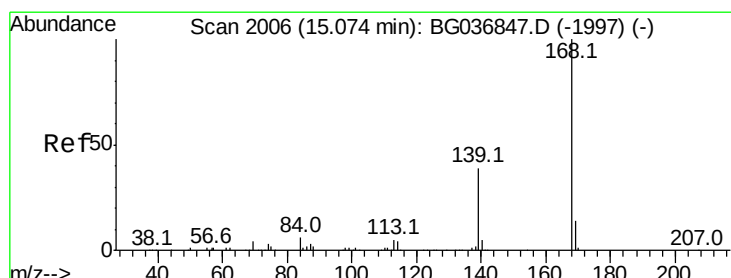
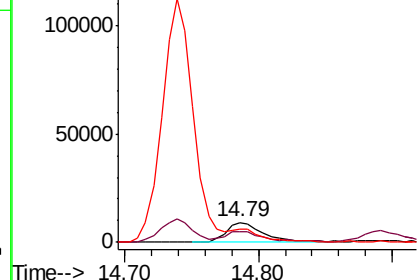
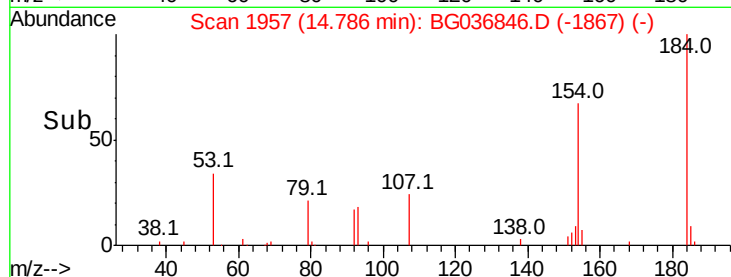
#53
 2,4-Dinitrophenol
 Concen: 23.023 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:184 Resp: 18561
 Ion Ratio Lower Upper
 184 100
 63 55.0 47.3 70.9
 154 67.1 51.1 76.7

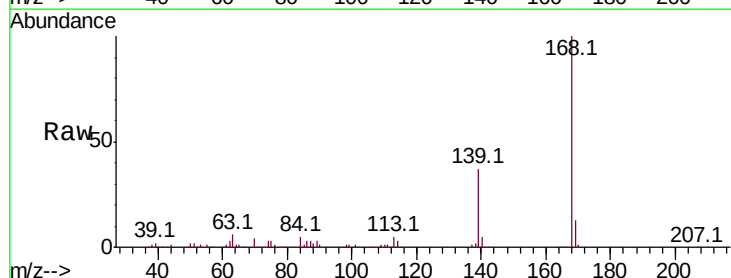


Abundance Ion 184.00 (183.70 to 184.70): E
 150000 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

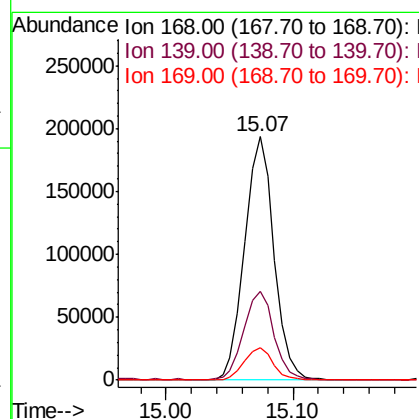
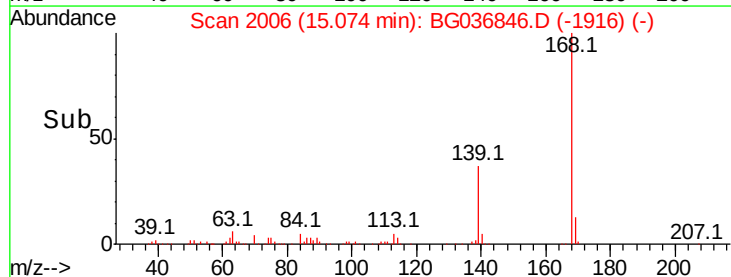


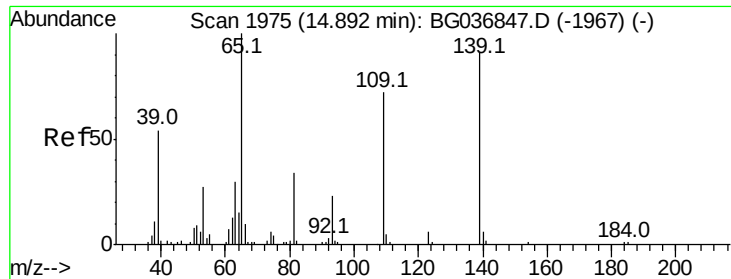
#54
 Dibenzofuran
 Concen: 24.685 ng
 RT: 15.07 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

Tgt Ion:168 Resp: 310718
 Ion Ratio Lower Upper
 168 100
 139 36.7 31.0 46.6
 169 13.2 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E
 250000 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

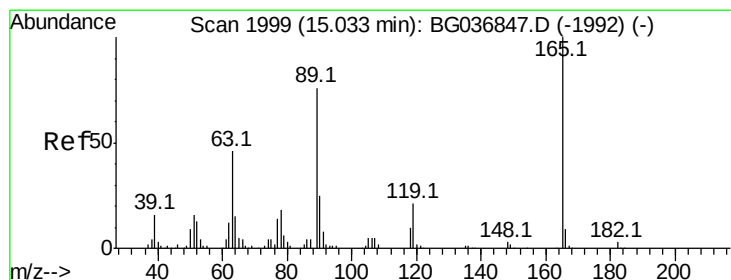
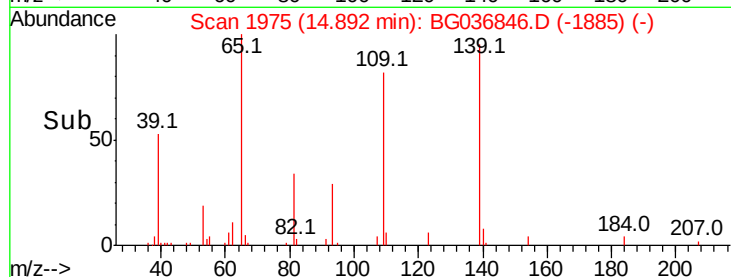
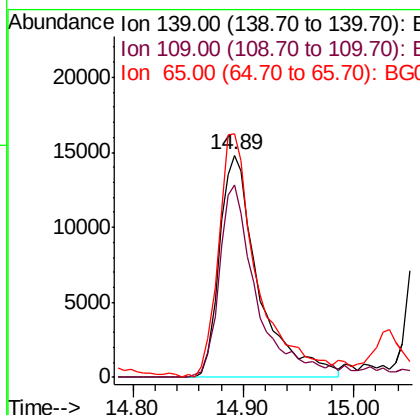
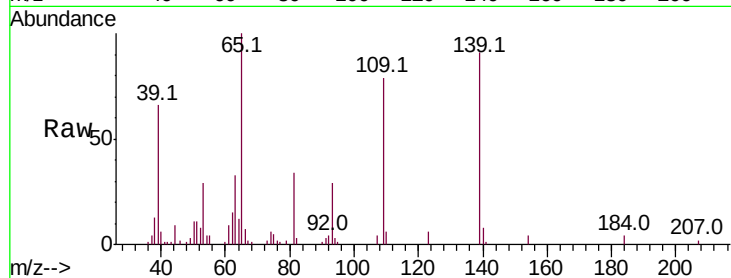




#55
4-Nitrophenol
Concen: 19.452 ng
RT: 14.89 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

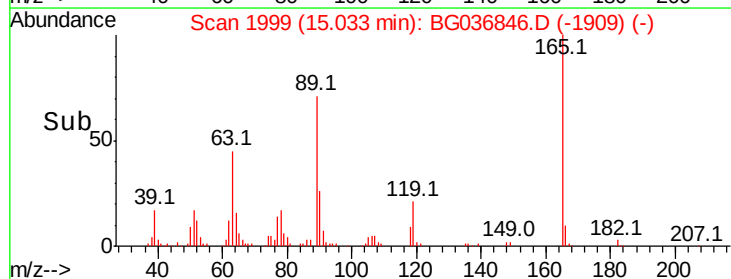
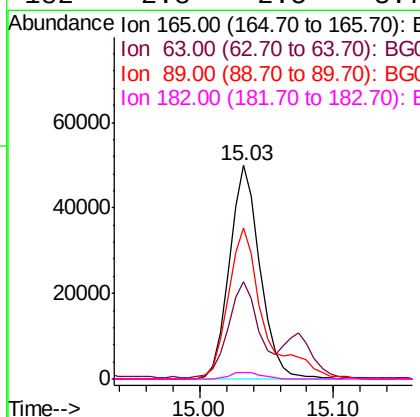
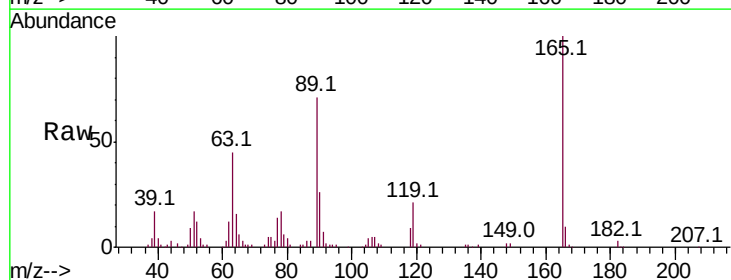
Instrument :
BNA_G
ClientSampleId :

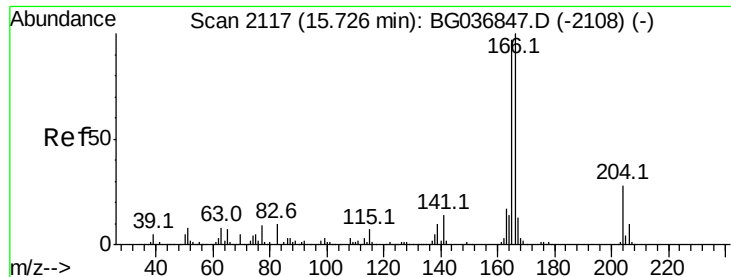
Tot Ion:139 Resp: 36478
Ion Ratio Lower Upper
139 100
109 86.4 63.9 103.9
65 109.6 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 28.919 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

Tgt Ion:165 Resp: 80218
Ion Ratio Lower Upper
165 100
63 45.4 40.1 60.1
89 70.6 63.7 95.5
182 2.8 2.5 3.7





#57

Fluorene

Concen: 25.107 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Instrument :

BNA_G

ClientSampleId :

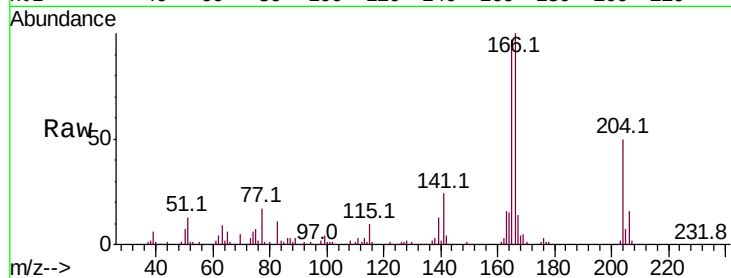
Tot Ion:166 Resp: 236247

Ion Ratio Lower Upper

166 100

165 97.4 77.0 115.4

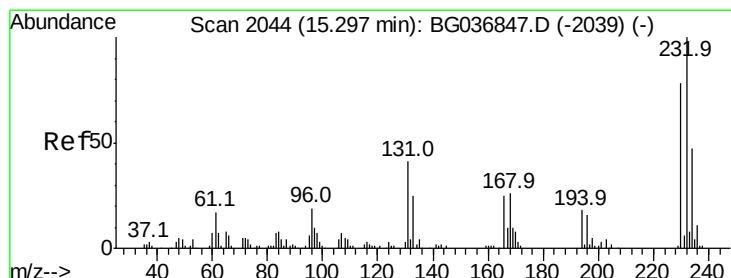
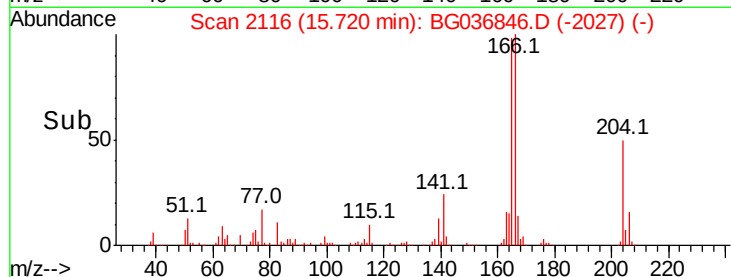
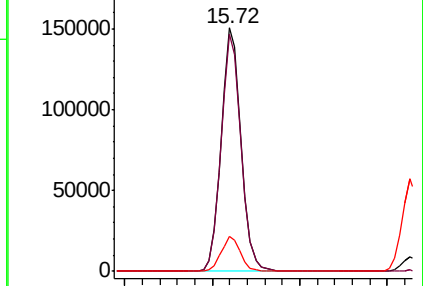
167 14.2 10.6 16.0



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: 24.476 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Tgt Ion:232 Resp: 66979

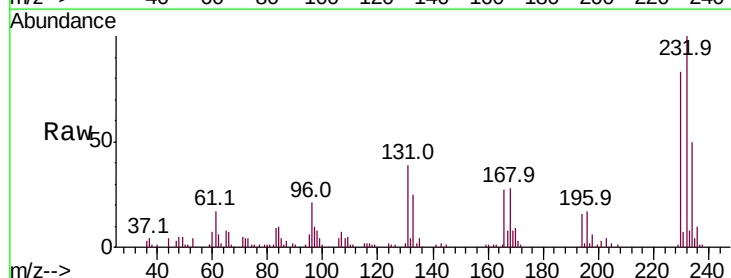
Ion Ratio Lower Upper

232 100

131 38.5 33.8 50.8

130 2.2 2.1 3.1

166 27.4 22.3 33.5

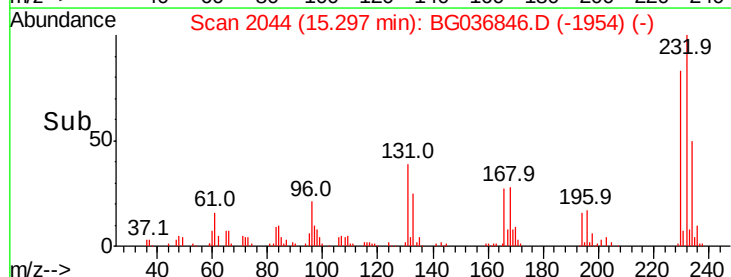
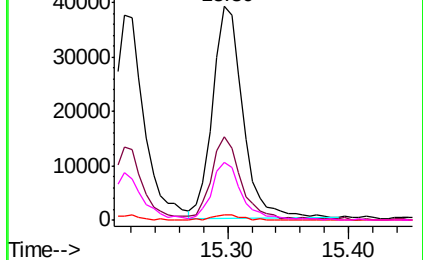


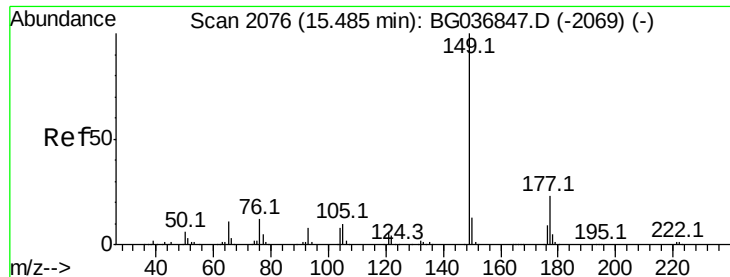
Abundance Ion 232.00 (231.70 to 232.70): E

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

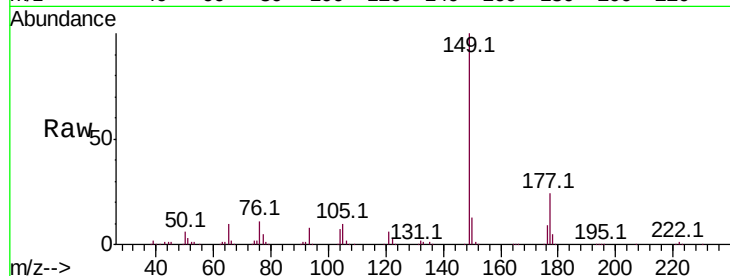




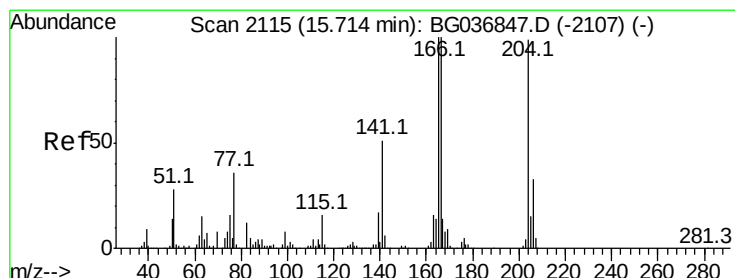
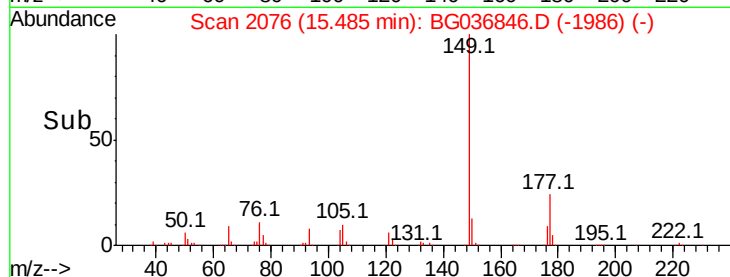
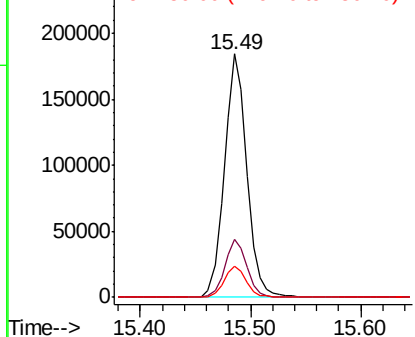
#59
Diethylphthalate
Concen: 25.048 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.1	28.7
150	13.0	10.7	16.1

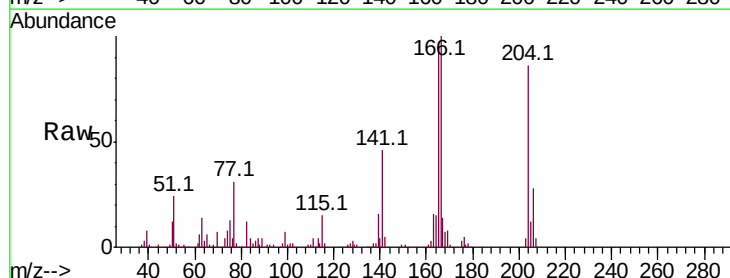


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

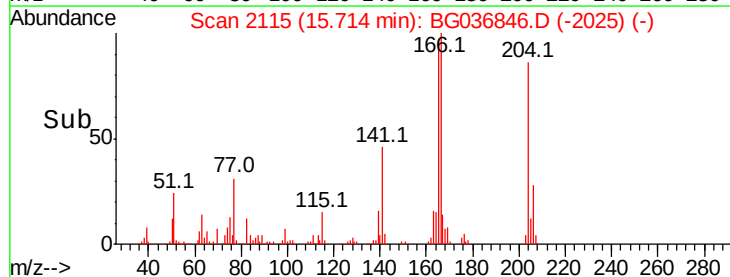
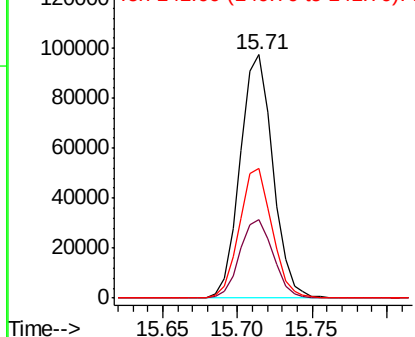


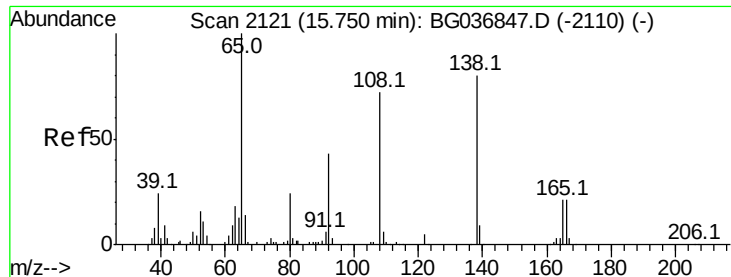
#60
4-Chlorophenyl-phenylether
Concen: 25.528 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	27.0	40.4
141	53.2	43.8	65.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

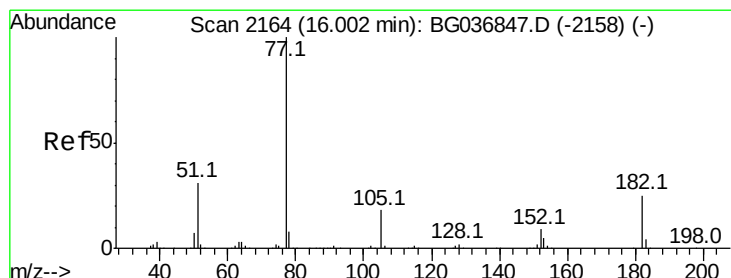
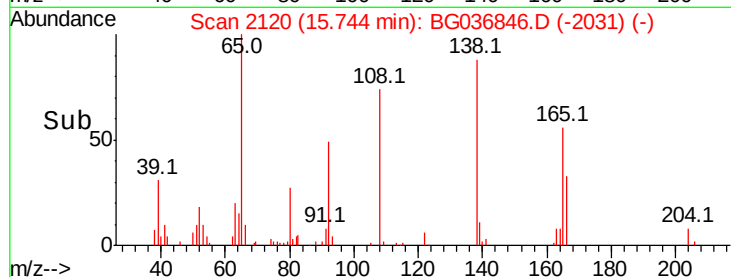
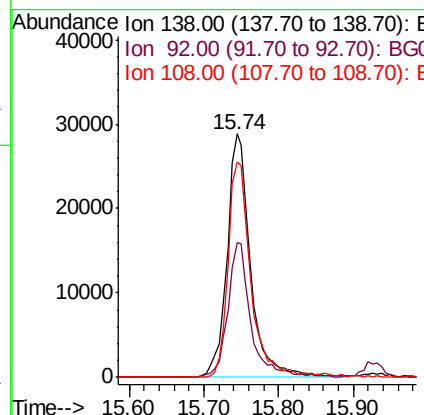
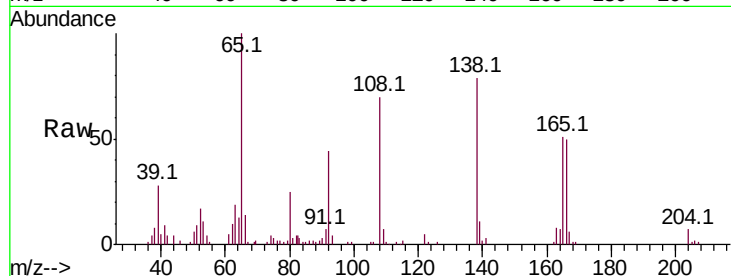




#61
4-Nitroaniline
Concen: 26.255 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

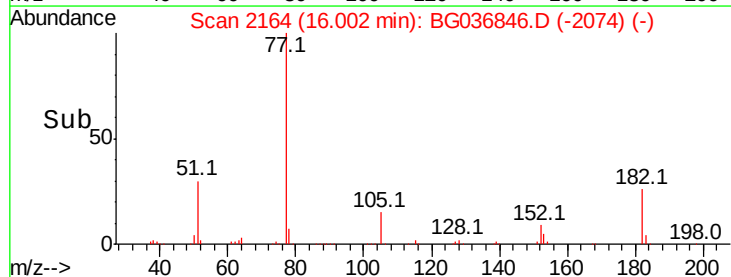
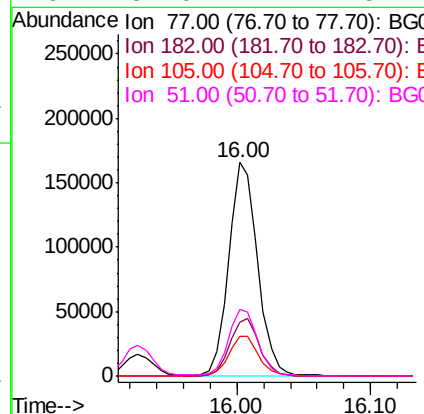
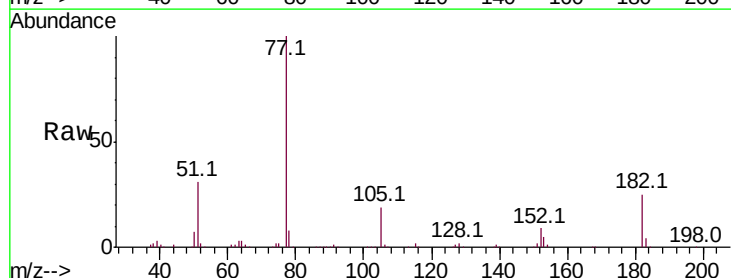
Instrument :
BNA_G
ClientSampleId :

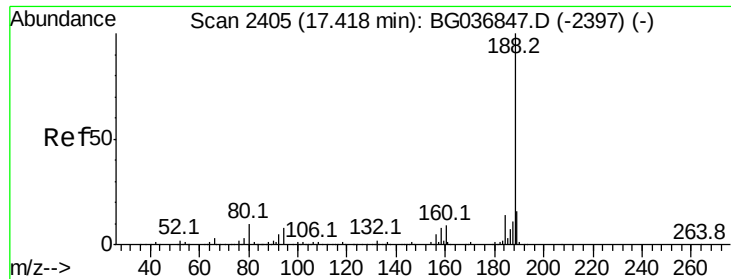
Tot Ion:138 Resp: 63015
Ion Ratio Lower Upper
138 100
92 55.4 38.5 78.5
108 88.7 70.3 110.3



#62
Azobenzene
Concen: 23.707 ng
RT: 16.00 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 77 Resp: 251443
Ion Ratio Lower Upper
77 100
182 25.3 6.7 46.7
105 18.7 0.0 39.8
51 31.0 12.4 52.4

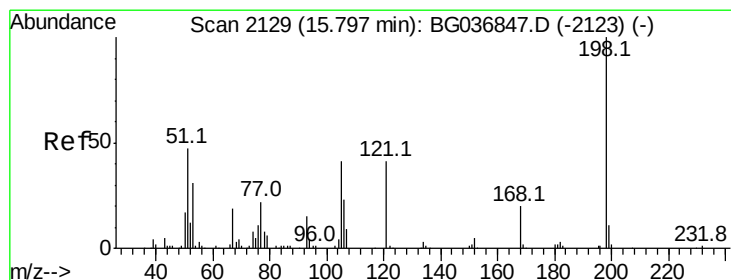
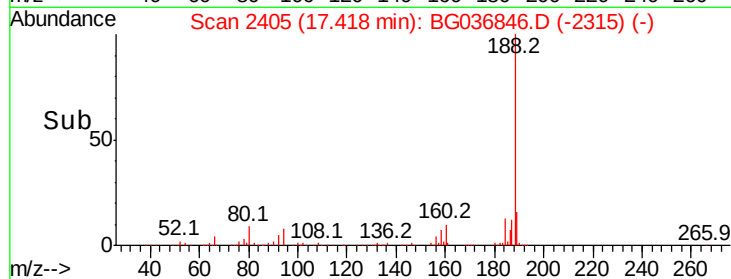
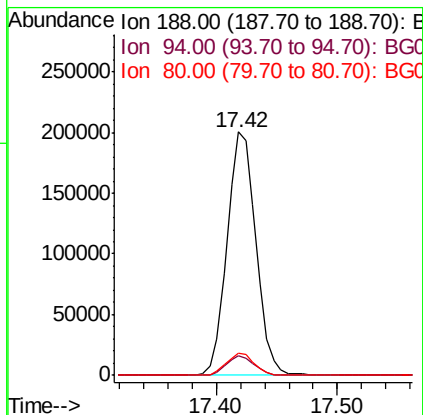
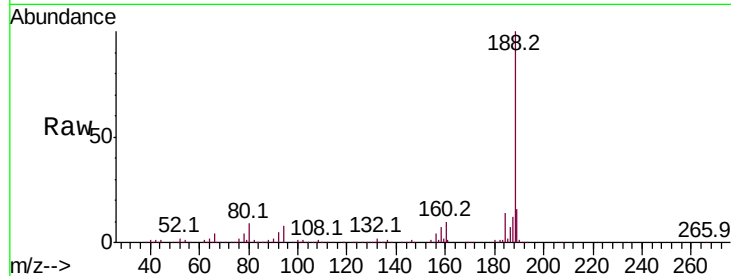




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

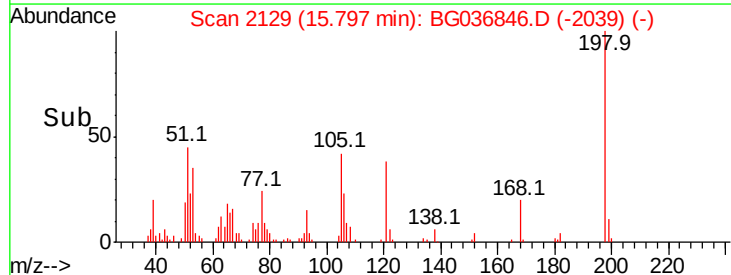
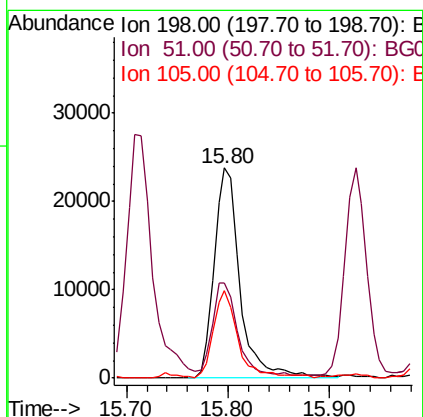
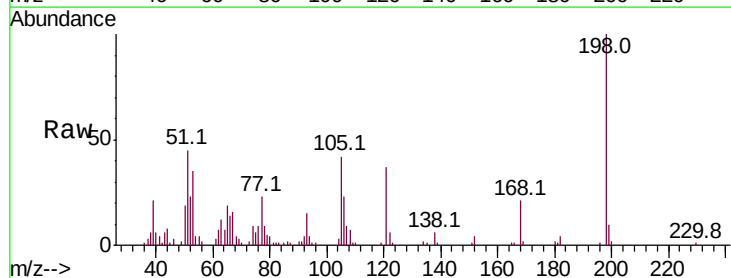
Instrument :
 BNA_G
 ClientSampled :

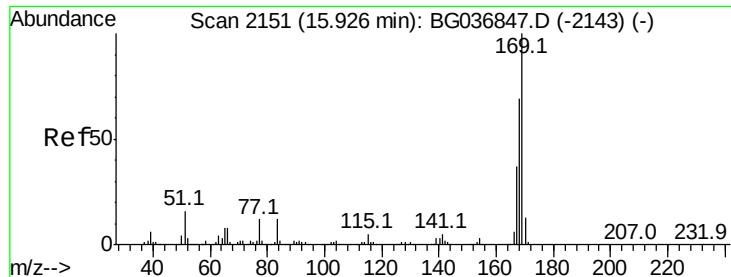
Tot Ion:188 Resp: 331936
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.7 10.1
 80 9.2 8.1 12.1



#64
 4,6-Dinitro-2-methylphenol
 Concen: 28.919 ng
 RT: 15.80 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

Tgt Ion:198 Resp: 42167
 Ion Ratio Lower Upper
 198 100
 51 45.3 26.5 66.5
 105 41.6 20.2 60.2





#65

n-Nitrosodiphenylamine

Concen: 23.316 ng

RT: 15.93 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Instrument :

BNA_G

ClientSampleId :

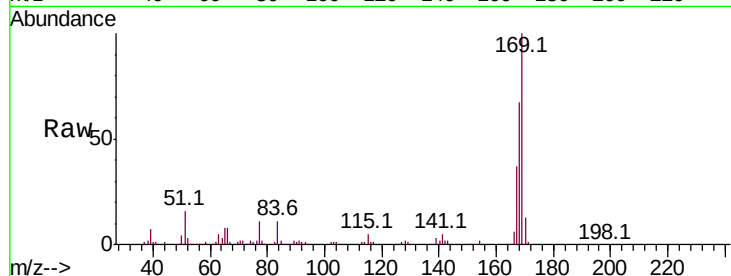
Tot Ion:169 Resp: 229968

Ion Ratio Lower Upper

169 100

168 66.6 57.6 86.4

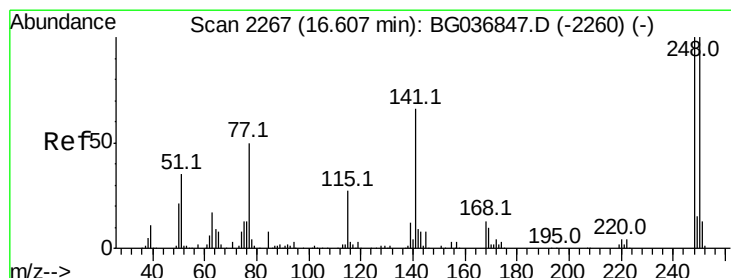
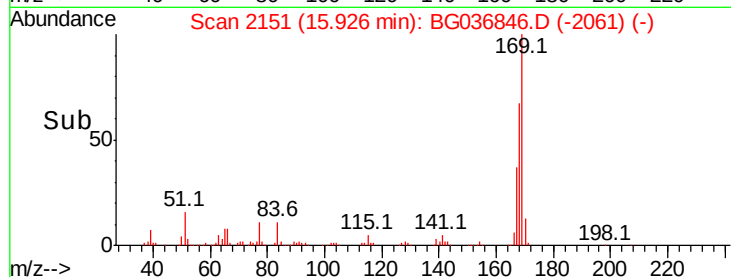
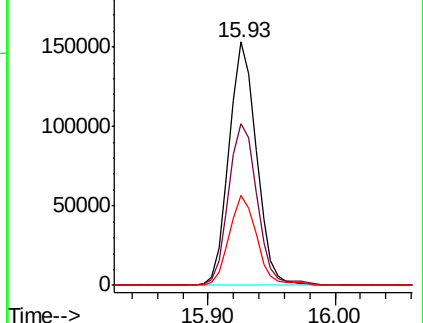
167 37.2 31.0 46.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 24.159 ng

RT: 16.61 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

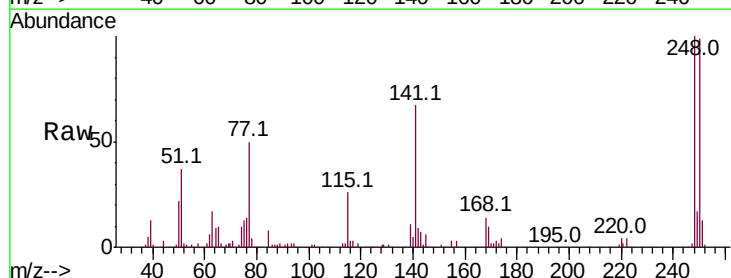
Tgt Ion:248 Resp: 93888

Ion Ratio Lower Upper

248 100

250 99.2 78.1 117.1

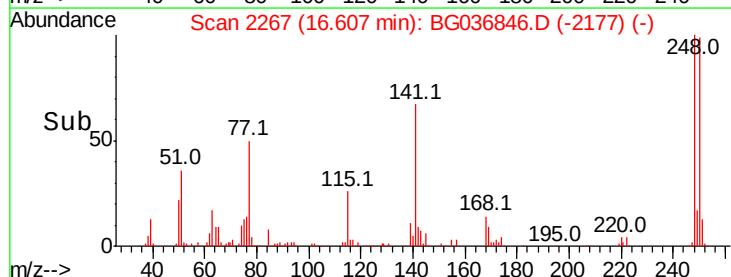
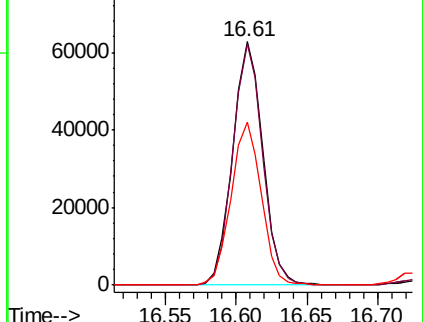
141 67.1 53.7 80.5

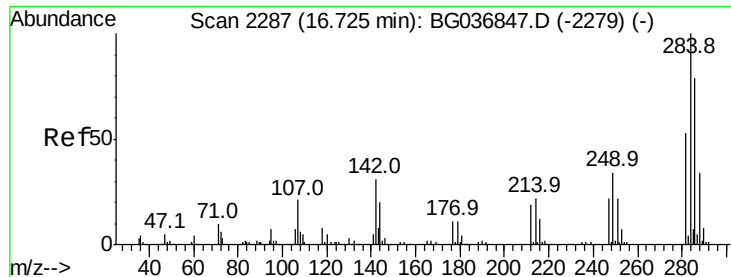


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 24.275 ng

RT: 16.72 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Instrument :

BNA_G

ClientSampleId :

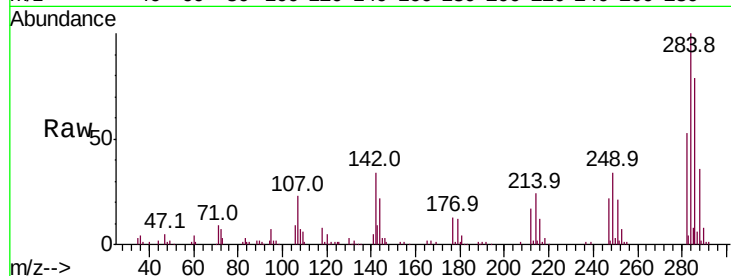
Tot Ion:284 Resp: 96466

Ion Ratio Lower Upper

284 100

142 34.3 27.8 41.6

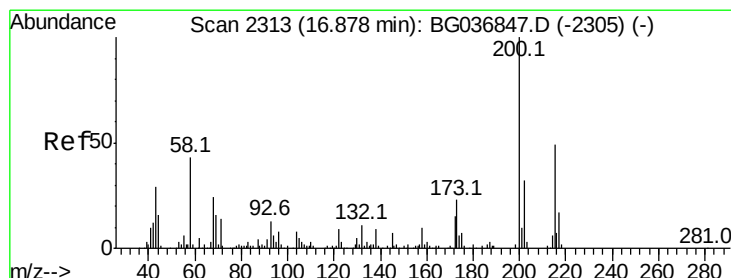
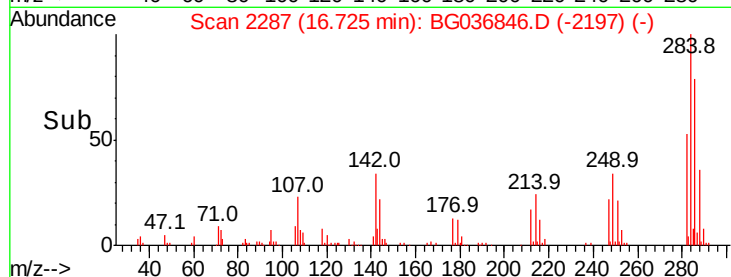
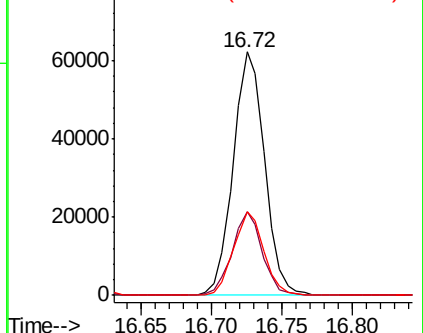
249 34.2 27.4 41.2



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: 25.515 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

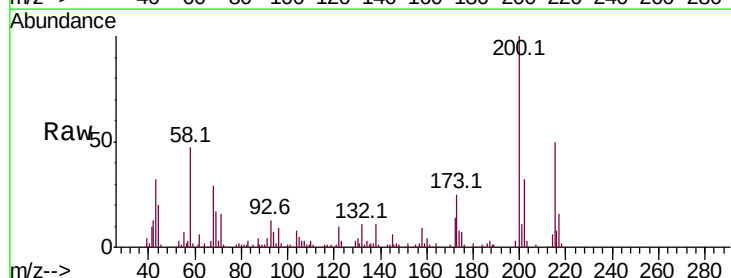
Tgt Ion:200 Resp: 94458

Ion Ratio Lower Upper

200 100

173 25.1 3.9 43.9

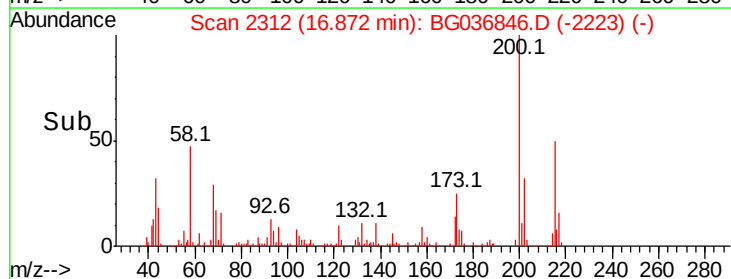
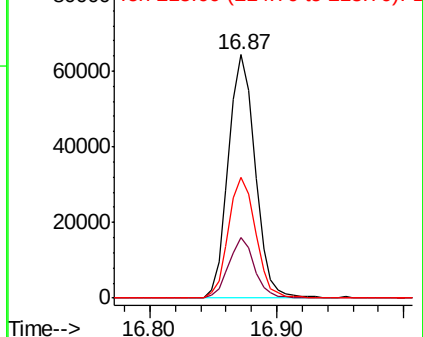
215 49.6 30.4 70.4

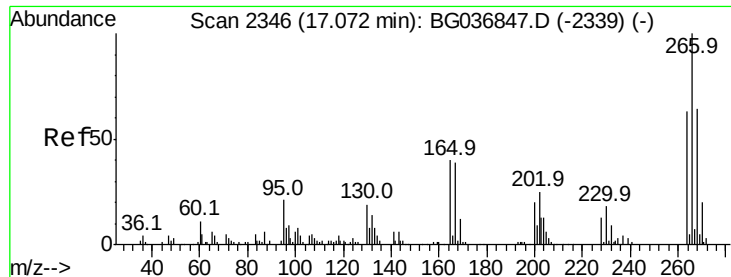


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

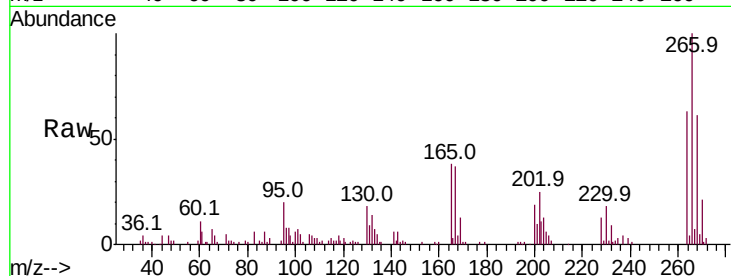




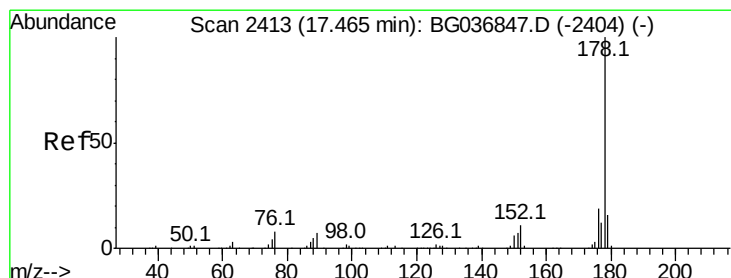
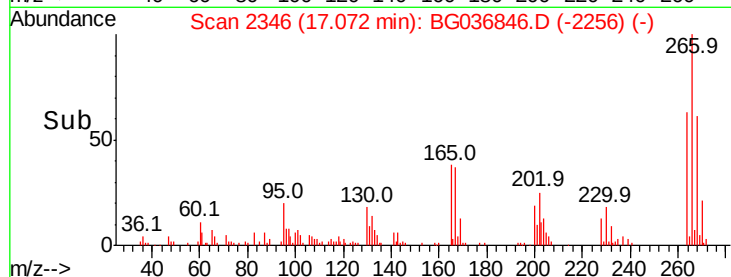
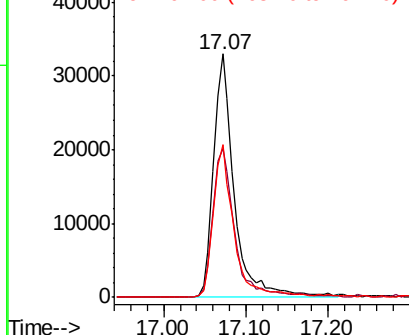
#69
 Pentachlorophenol
 Concen: 21.579 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 58280
 Ion Ratio Lower Upper
 266 100
 268 61.2 51.4 77.2
 264 62.9 48.9 73.3

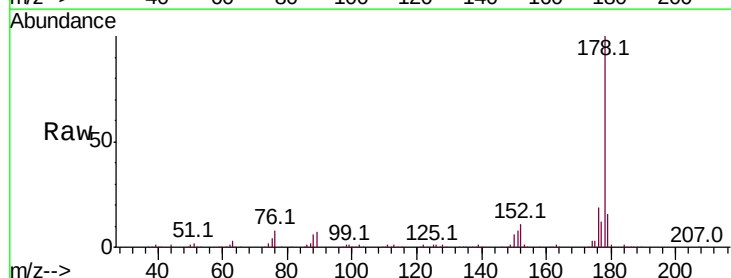


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

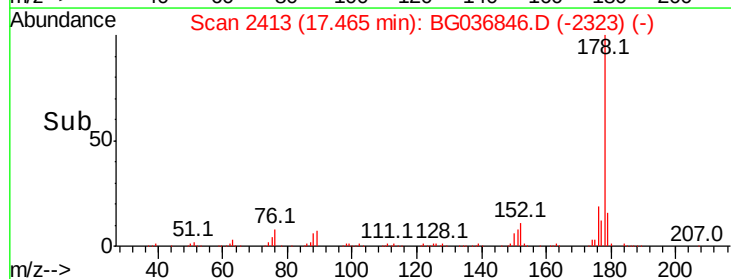
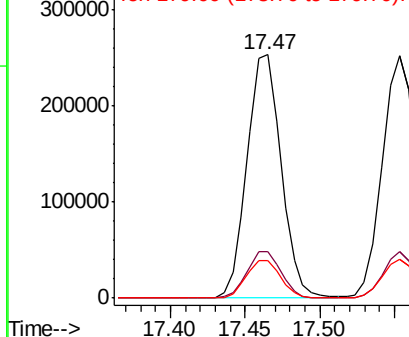


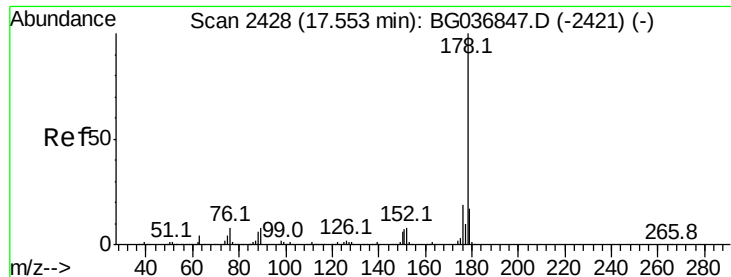
#70
 Phenanthrene
 Concen: 23.803 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

Tgt Ion:178 Resp: 401477
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.6 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

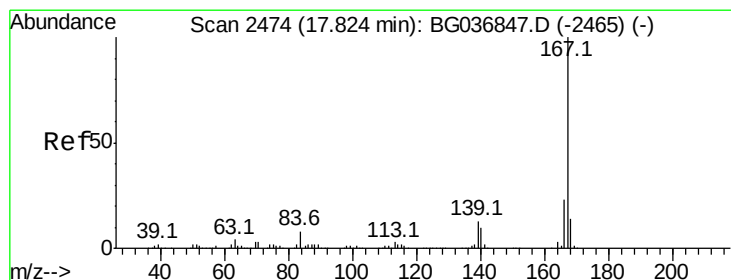
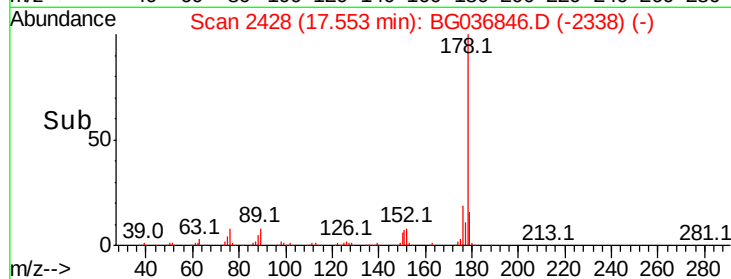
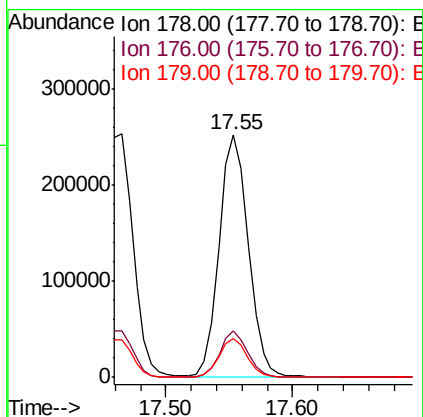
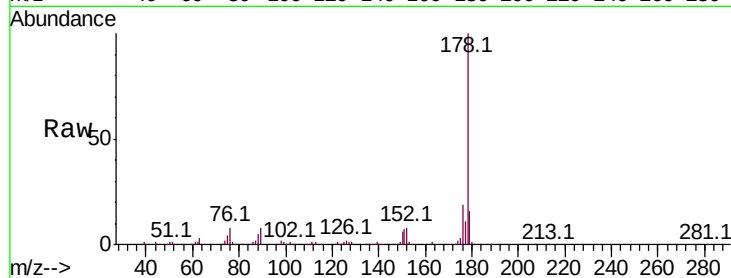




#71
 Anthracene
 Concen: 23.977 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

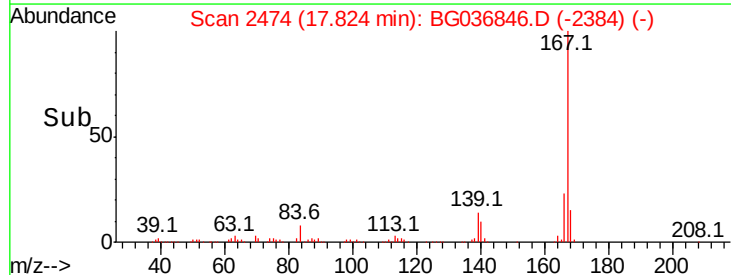
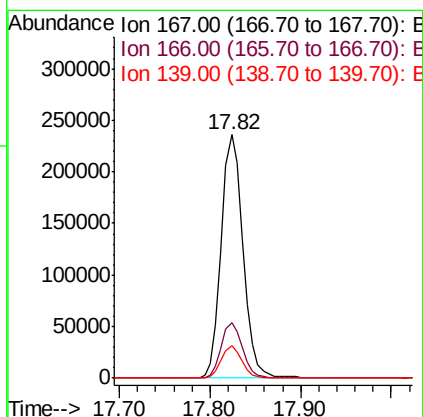
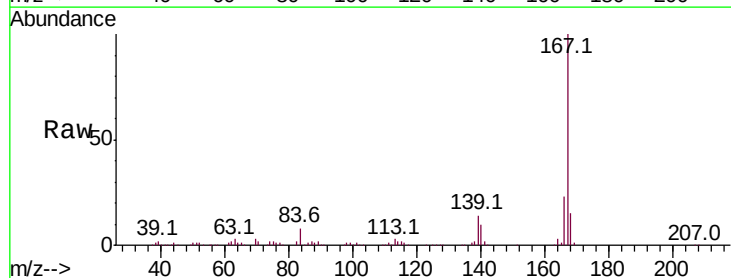
Instrument :
 BNA_G
 ClientSampleId :

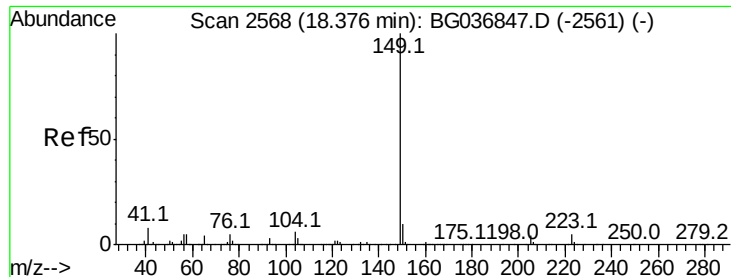
Tot Ion:178 Resp: 403122
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 16.2 13.0 19.4



#72
 Carbazole
 Concen: 23.402 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

Tgt Ion:167 Resp: 392951
 Ion Ratio Lower Upper
 167 100
 166 22.6 19.5 29.3
 139 13.5 10.7 16.1

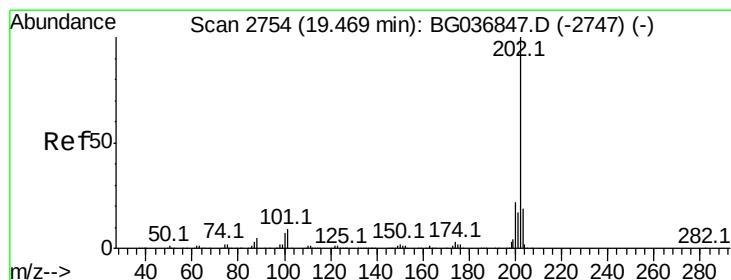
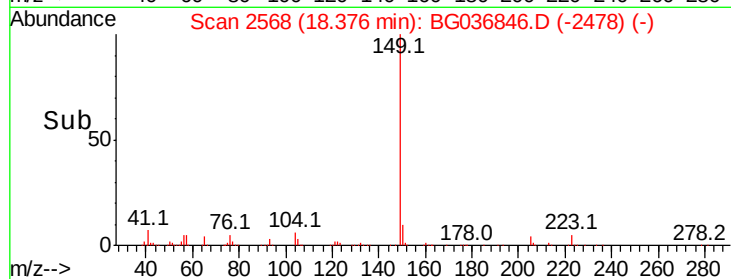
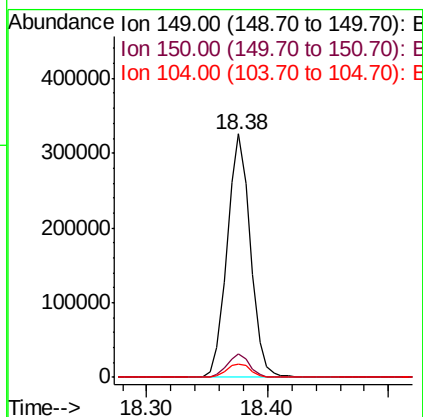
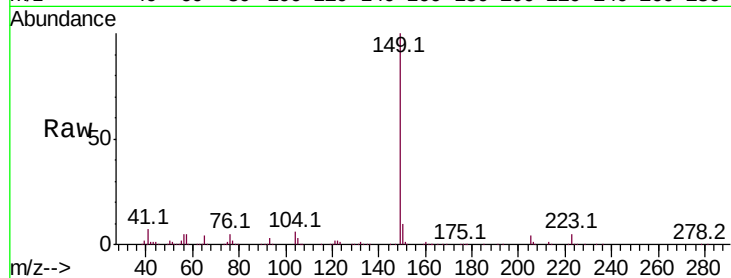




#73
Di-n-butylphthalate
Concen: 23.311 ng
RT: 18.38 min Scan# 2568
Delta R.T. -0.00 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

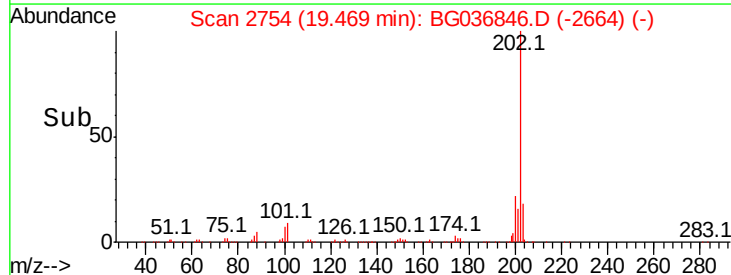
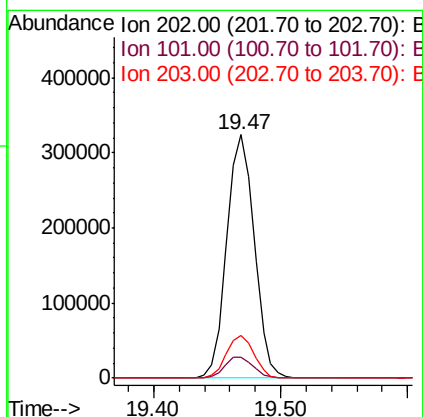
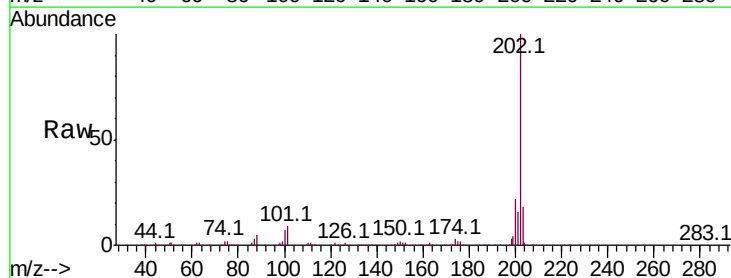
Instrument :
BNA_G
ClientSampleId :

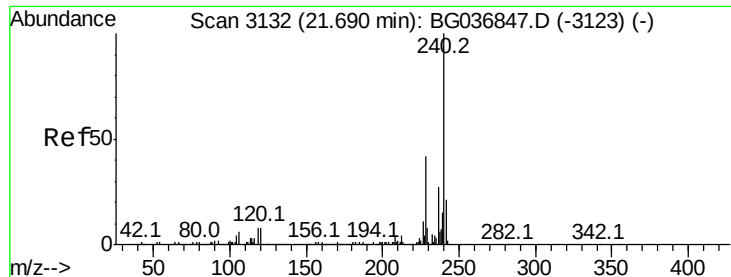
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	5.6	4.6	6.8



#74
Fluoranthene
Concen: 23.642 ng
RT: 19.47 min Scan# 2754
Delta R.T. -0.00 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	29.4
203	17.6	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Instrument :

BNA_G

ClientSampled :

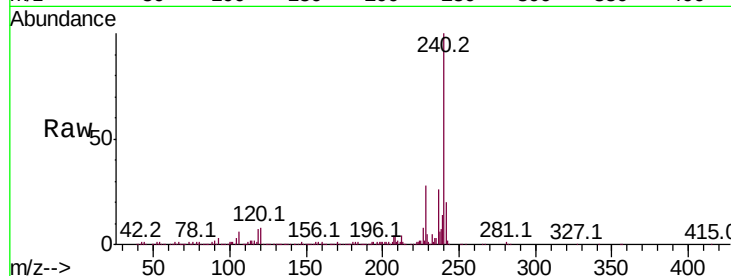
Tot Ion:240 Resp: 326360

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

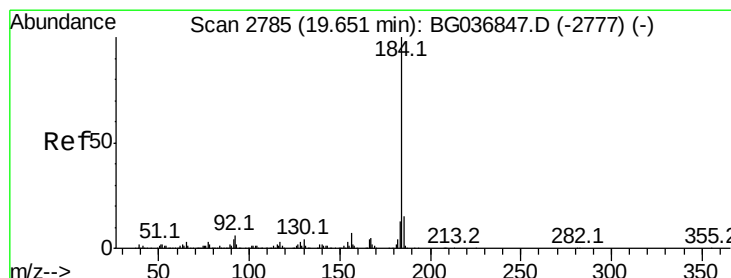
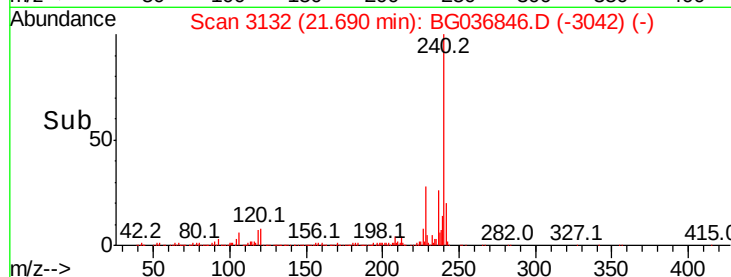
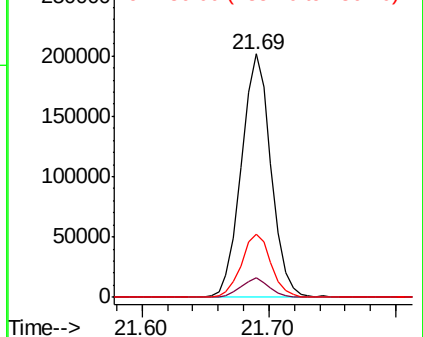
236 25.8 21.2 31.8



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: 26.259 ng

RT: 19.65 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

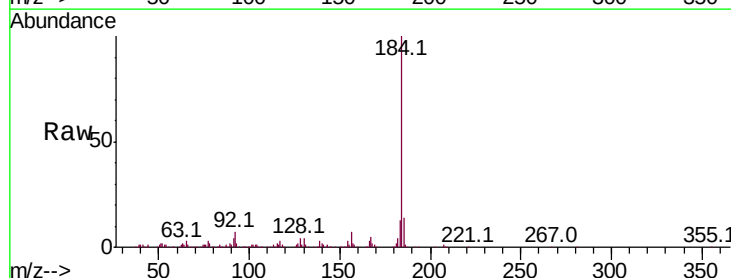
Tgt Ion:184 Resp: 273420

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

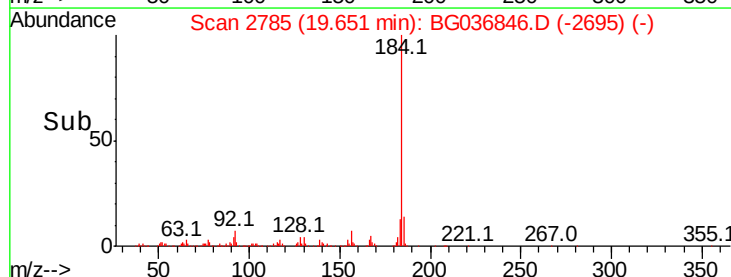
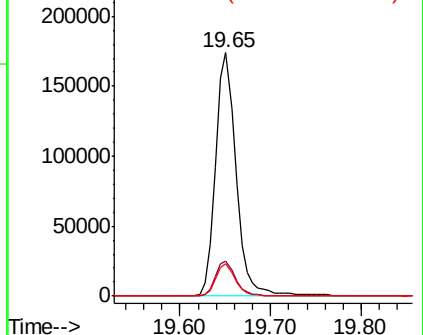
183 13.3 10.9 16.3

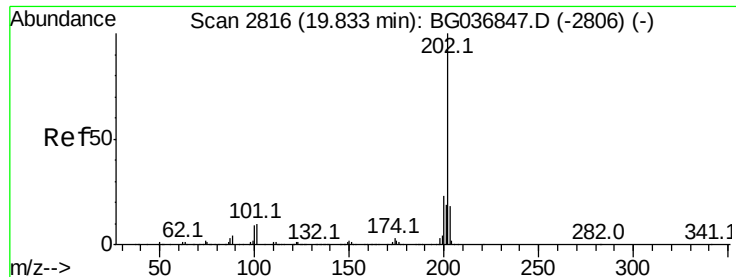


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 24.934 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Instrument :

BNA_G

ClientSampleId :

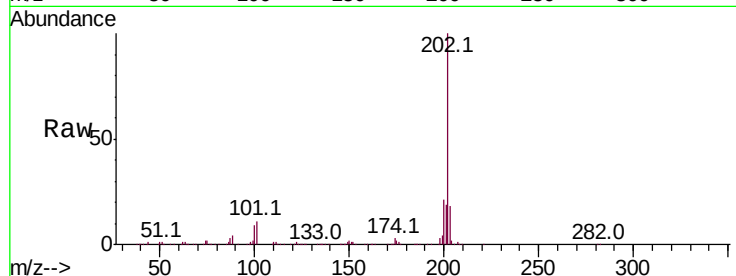
Tot Ion:202 Resp: 500400

Ion Ratio Lower Upper

202 100

200 21.4 18.3 27.5

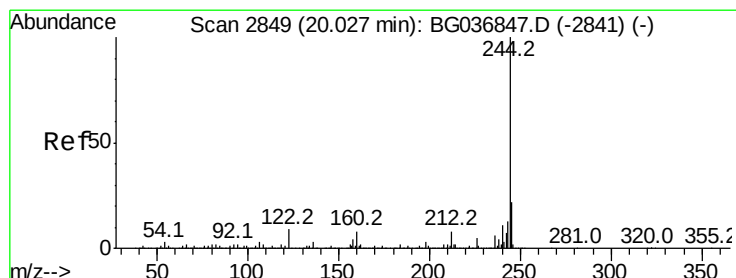
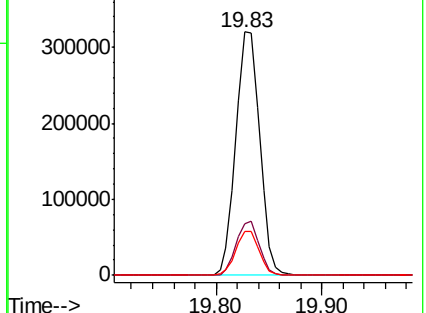
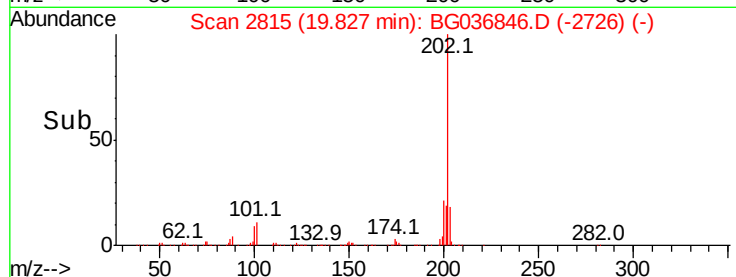
203 18.0 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 44.948 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

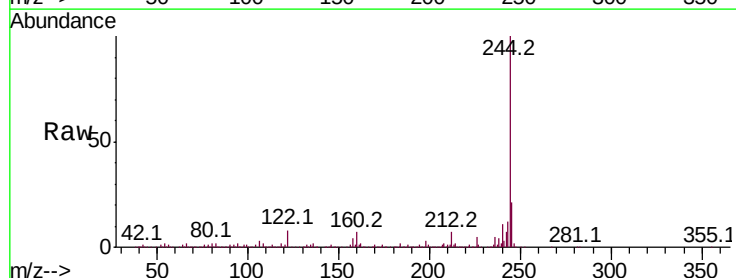
Tgt Ion:244 Resp: 627604

Ion Ratio Lower Upper

244 100

212 7.3 7.0 10.6

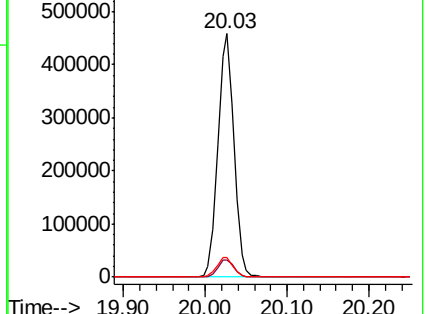
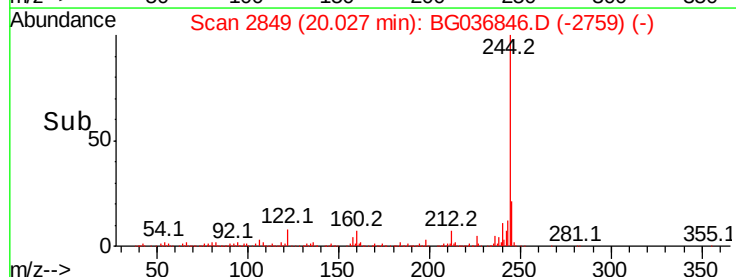
122 7.9 7.1 10.7

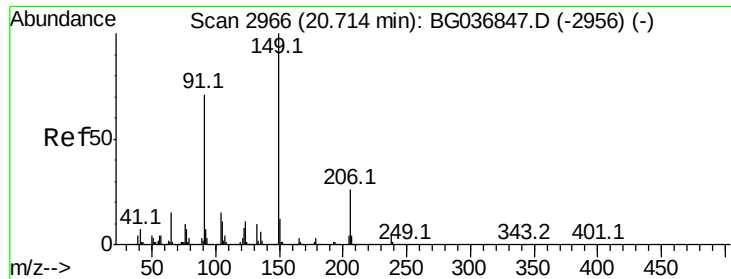


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

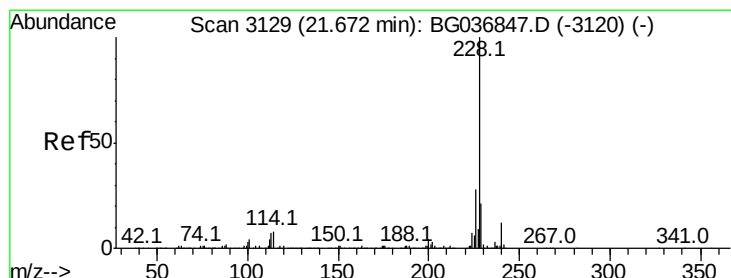
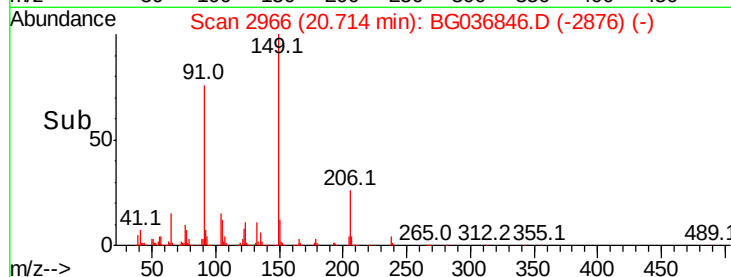
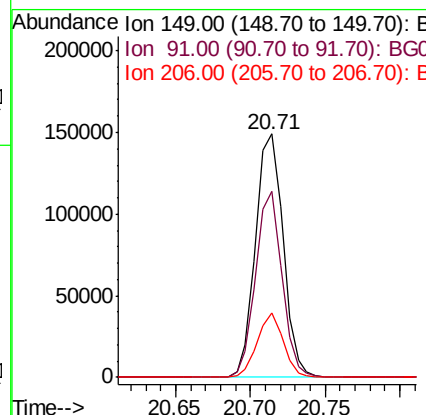
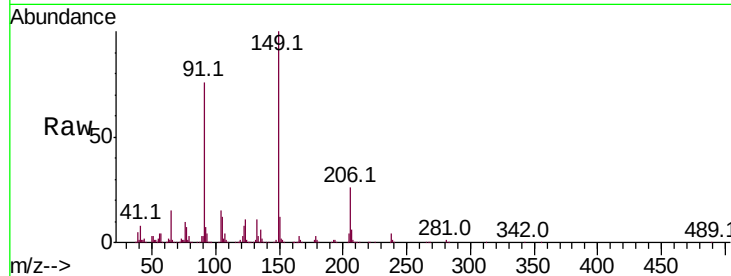




#79
Butylbenzylphthalate
Concen: 23.870 ng
RT: 20.71 min Scan# 2966
Delta R.T. -0.00 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

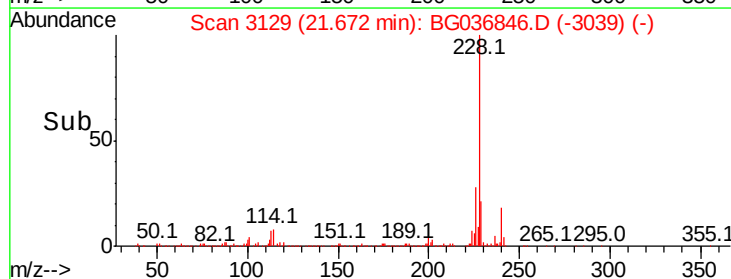
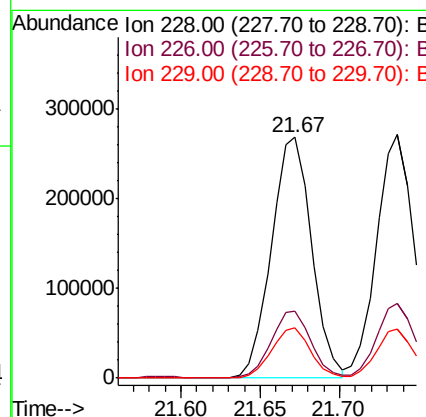
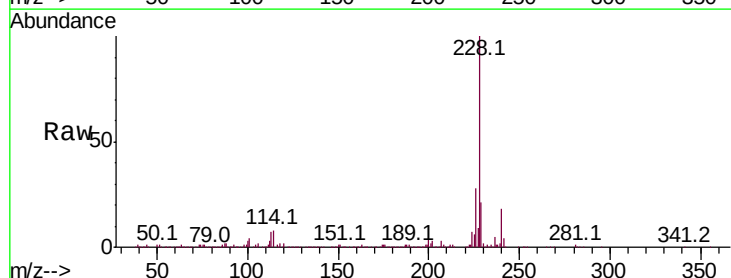
Instrument :
BNA_G
ClientSampleId :

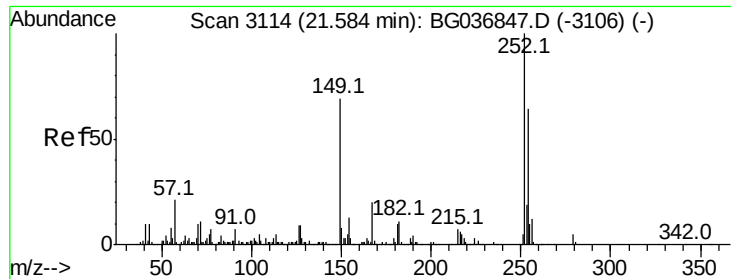
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.4	62.0	93.0
206	26.3	19.6	29.4



#80
Benzo(a)anthracene
Concen: 23.923 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG036846.D
Acq: 20 Sep 2018 16:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.4	35.2
229	20.6	17.1	25.7

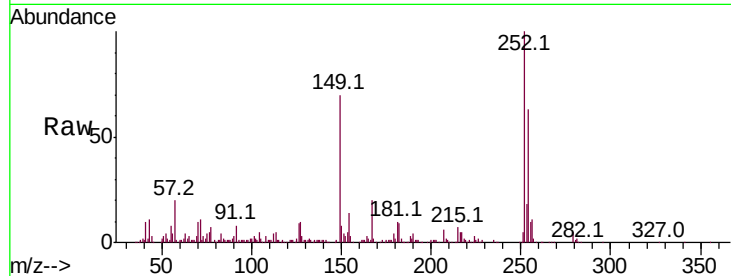




#81
 3,3'-Dichlorobenzidine
 Concen: 23.386 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.0	76.4
126	9.2	7.4	11.0

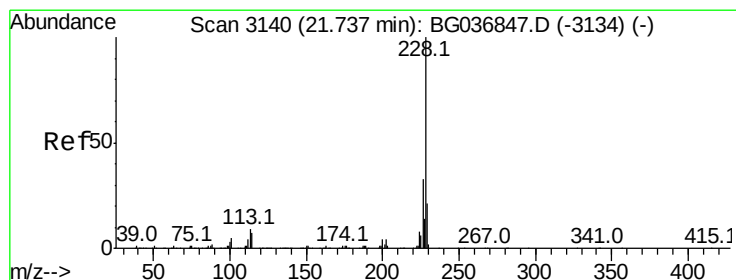
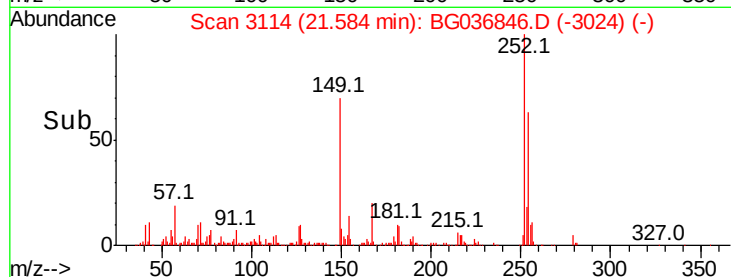
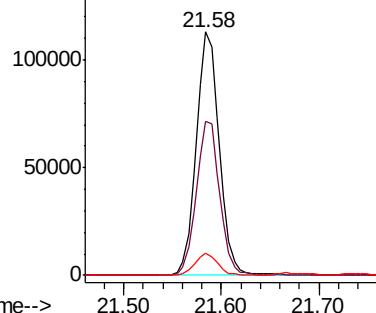


Abundance

Ion 252.00 (251.70 to 252.70): E

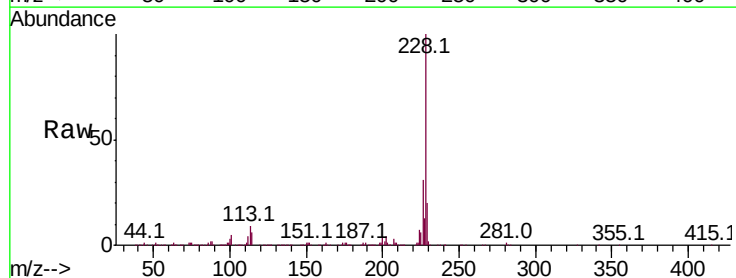
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 24.036 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.5	38.3
229	20.2	16.9	25.3

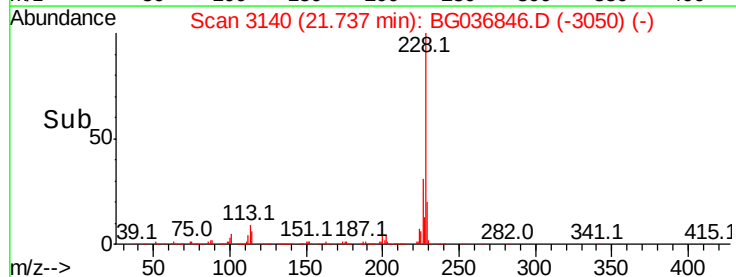
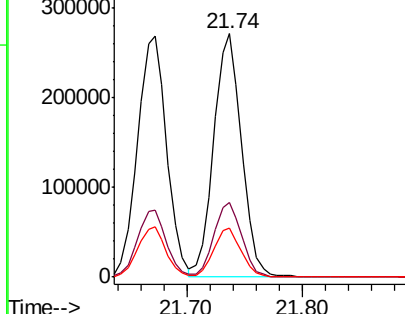


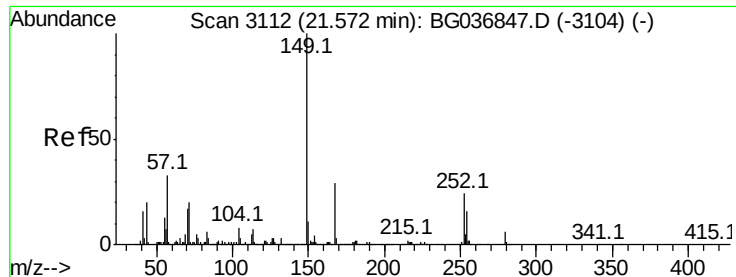
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 23.698 ng

RT: 21.57 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Instrument :

BNA_G

ClientSampleId :

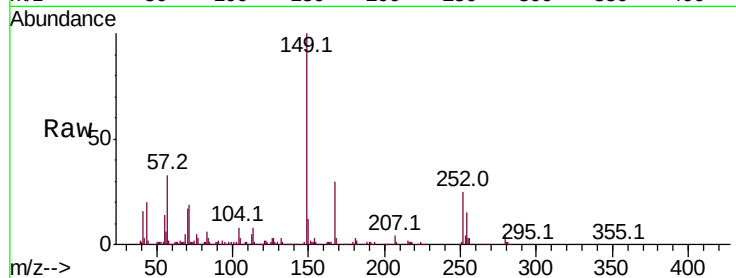
Tot Ion:149 Resp: 264861

Ion Ratio Lower Upper

149 100

167 29.9 23.4 35.0

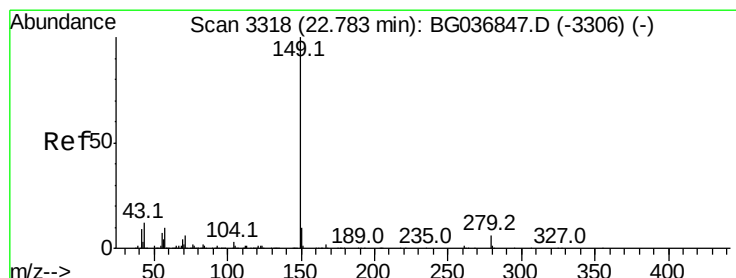
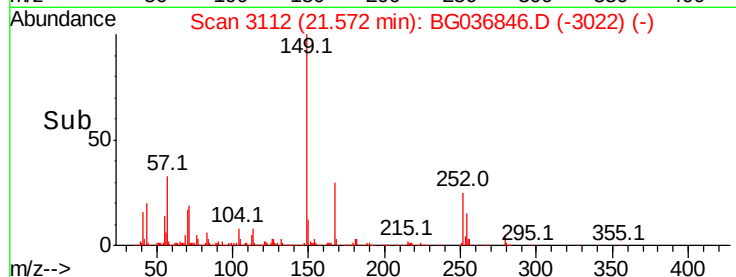
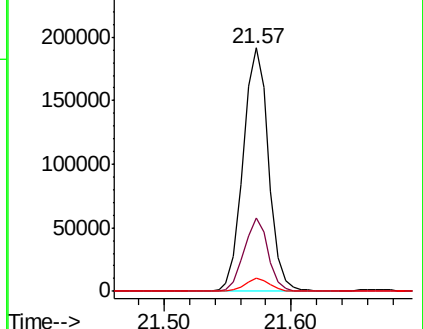
279 5.3 4.6 7.0



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: 24.043 ng

RT: 22.78 min Scan# 3318

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

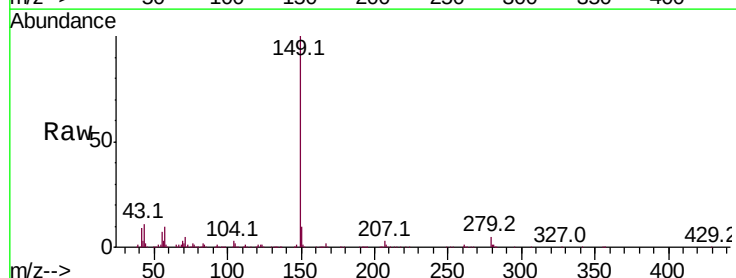
Tgt Ion:149 Resp: 448843

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

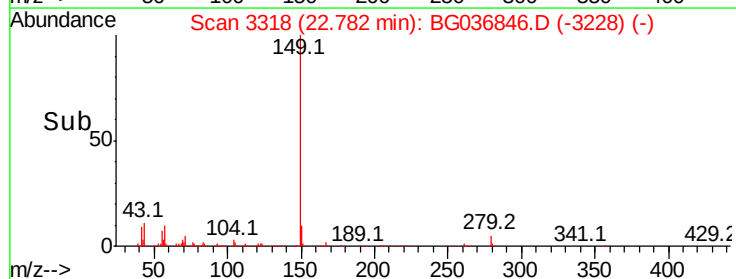
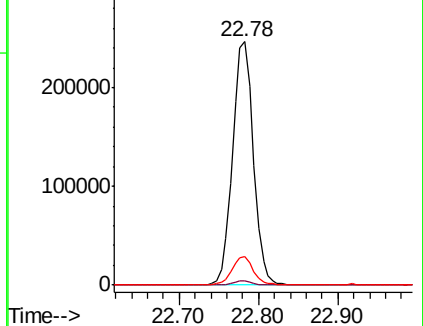
43 11.3 10.0 15.0

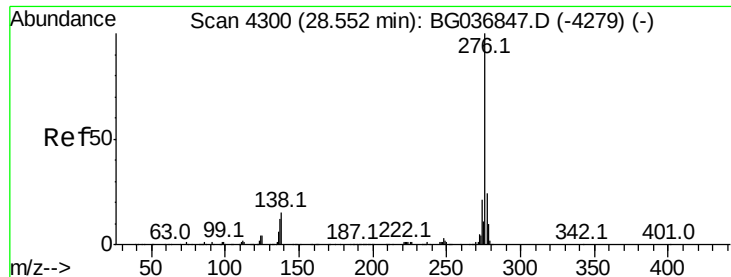


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

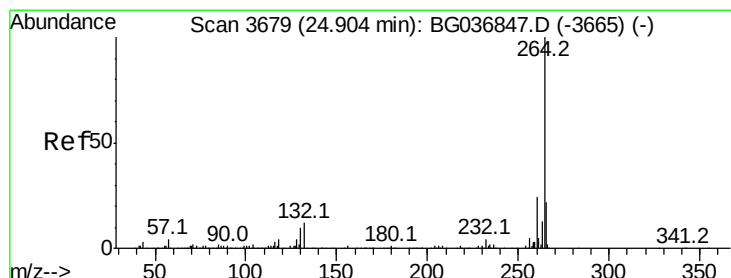
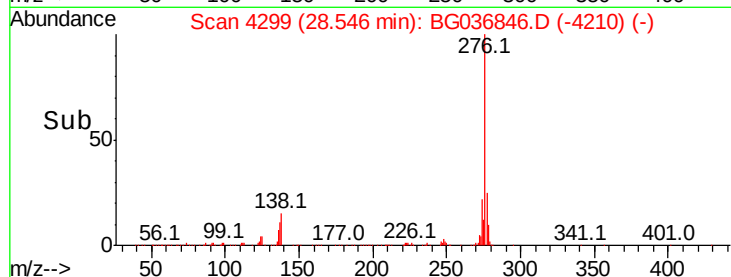
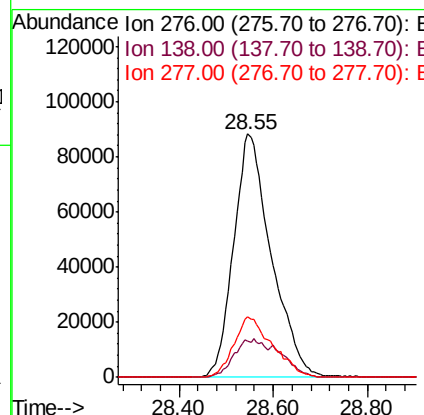
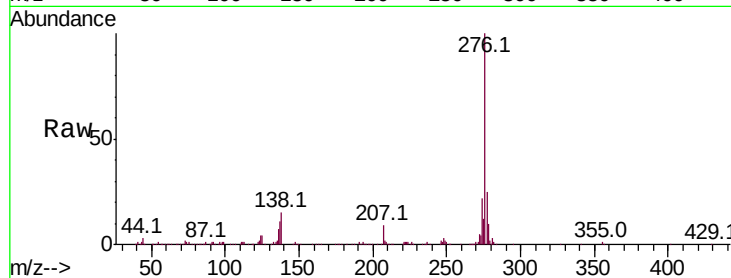




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 22.512 ng
 RT: 28.55 min Scan# 4299
 Delta R.T. -0.01 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

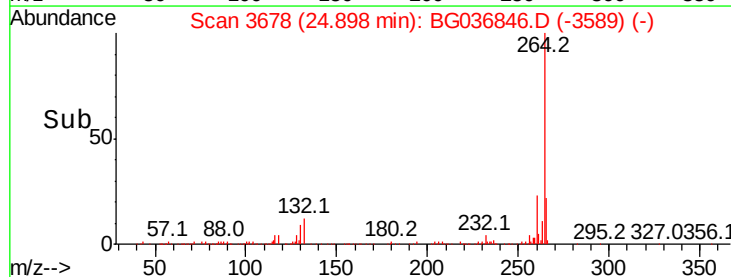
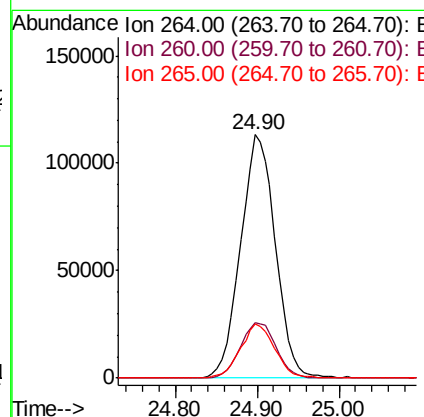
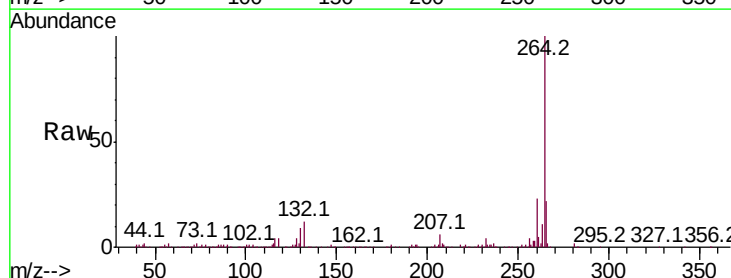
Instrument :
 BNA_G
 ClientSampleId :

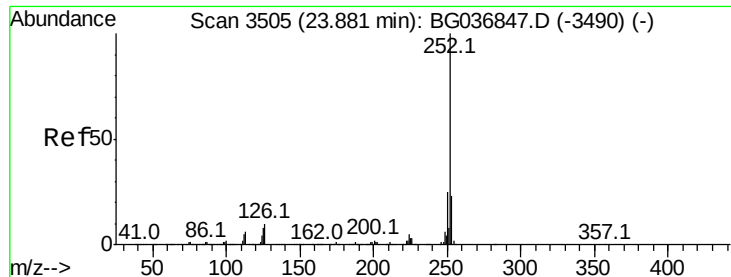
Tot Ion	Ratio	Lower	Upper
276	100		
138	12.7	10.6	15.8
277	25.7	20.6	30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.01 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	22.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 23.425 ng

RT: 23.88 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Instrument :

BNA_G

ClientSampleId :

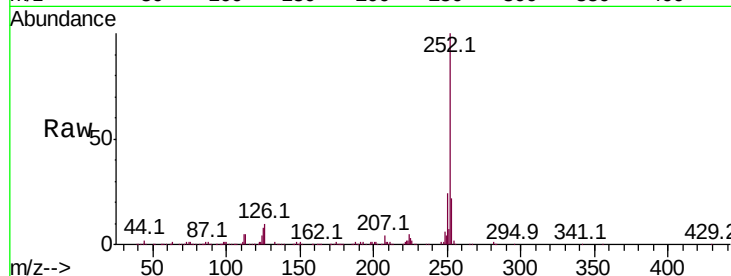
Tot Ion:252 Resp: 435566

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

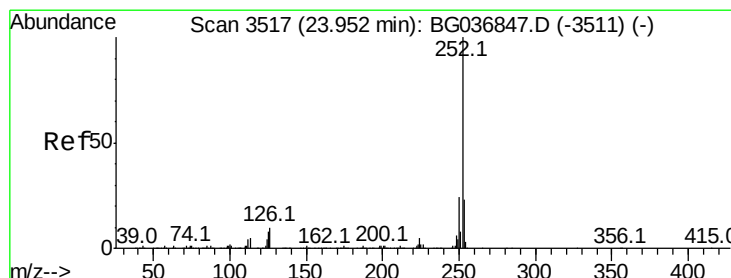
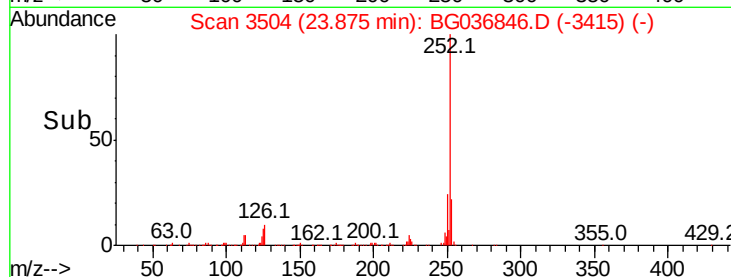
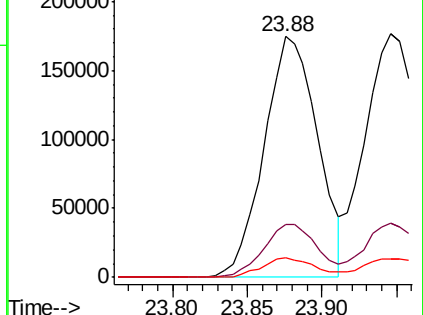
125 7.9 6.6 10.0



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: 24.631 ng

RT: 23.95 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

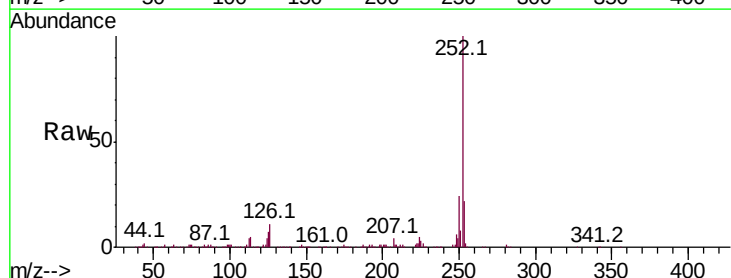
Tgt Ion:252 Resp: 447440

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

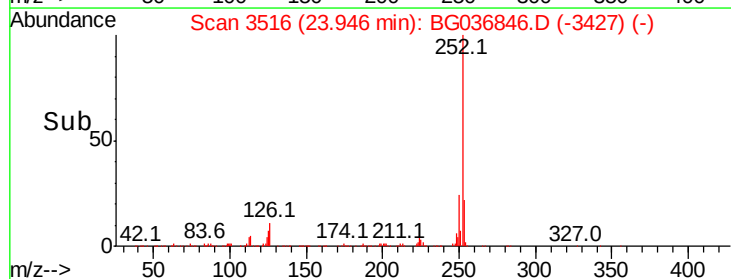
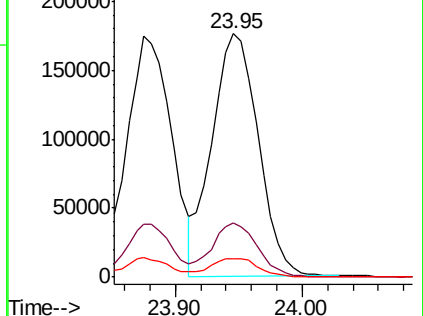
125 7.5 7.0 10.6

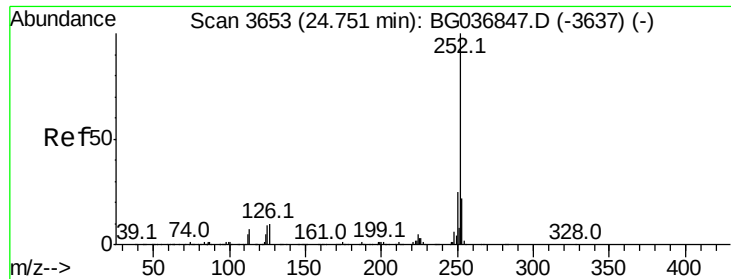


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 23.770 ng

RT: 24.75 min Scan# 3653

Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

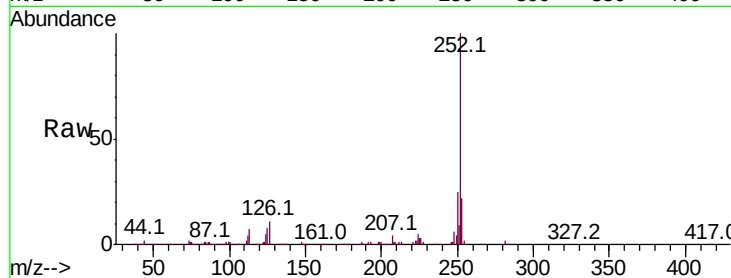
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 424718

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	8.5	7.3	10.9

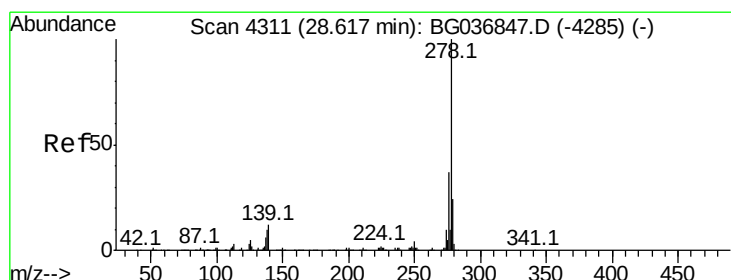
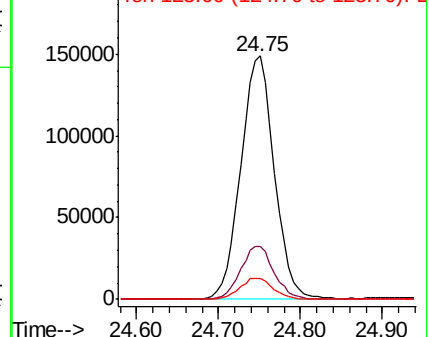
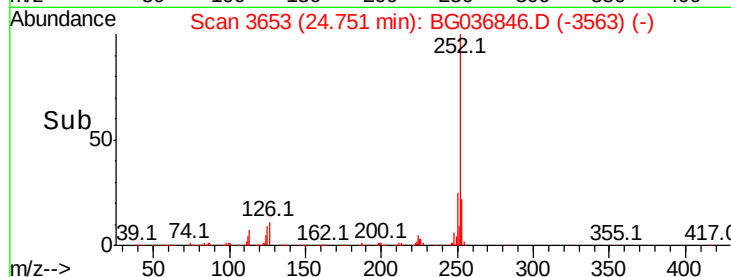


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 23.191 ng

RT: 28.62 min Scan# 4311

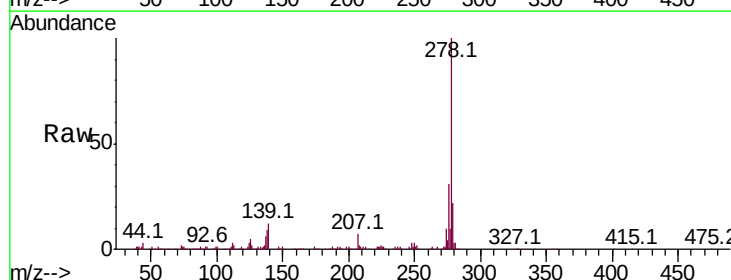
Delta R.T. -0.00 min

Lab File: BG036846.D

Acq: 20 Sep 2018 16:49

Tgt Ion:278 Resp: 400034

Ion	Ratio	Lower	Upper
278	100		
139	11.7	11.0	16.4
279	22.5	18.7	28.1

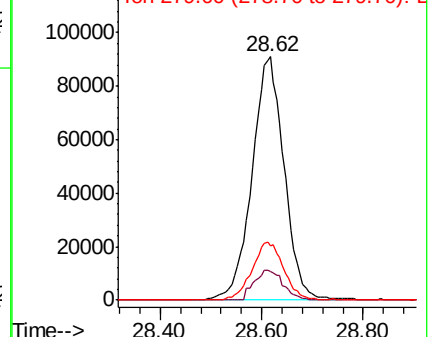
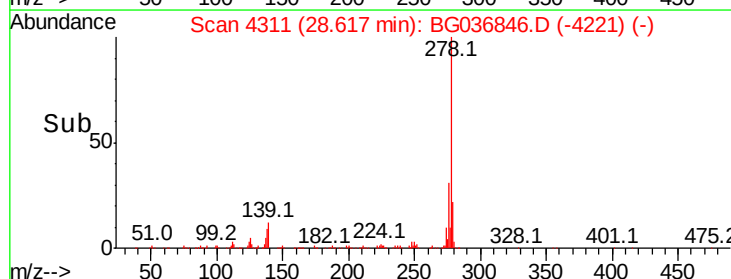


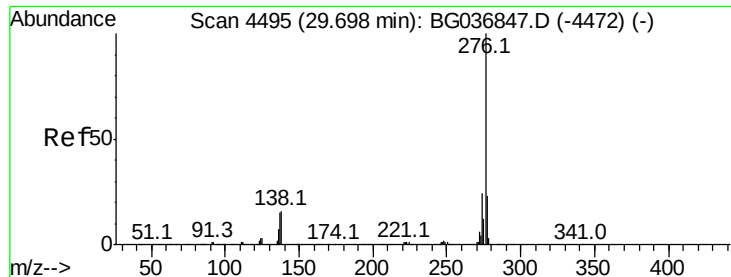
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

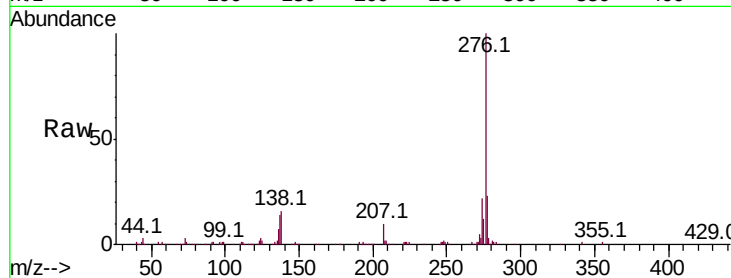




#91
 Benzo(a,h,i)perylene
 Concen: 22.923 ng
 RT: 29.69 min Scan# 4493
 Delta R.T. -0.01 min
 Lab File: BG036846.D
 Acq: 20 Sep 2018 16:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.4	27.6
138	16.3	14.6	22.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

