

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036181.D
 Acq On : 8 Aug 2018 3:34
 Operator : JU/SJ
 Sample : PB111803TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 08 04:31:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	25526	20.00	ng	-0.02
21) Naphthalene-d8	10.82	136	87896	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	60858	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	186778	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	210354	20.00	ng	-0.02
86) Perylene-d12	24.83	264	196694	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	241637	157.16	ng	-0.01
7) Phenol-d6	7.18	99	333285	145.29	ng	-0.02
23) Nitrobenzene-d5	9.17	82	220824	104.95	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	164544	205.13	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	507682	111.76	ng	-0.02
78) Terphenyl-d14	19.99	244	1117105	117.06	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	105	0.134	ng	# 1
3) Pyridine	3.91	79	63	0.031	ng	# 15
4) n-Nitrosodimethylamine	3.84	42	58	0.066	ng	# 1
6) Aniline	7.41	93	56	0.019	ng	# 41
8) 2-Chlorophenol	7.54	128	62	0.040	ng	# 1
9) Benzaldehyde	7.19	77	372	0.264	ng	# 5
10) Phenol	7.18	94	87	0.038	ng	# 1
11) bis(2-Chloroethyl)ether	7.41	93	56	0.031	ng	# 16
12) 1,3-Dichlorobenzene	8.33	146	54	0.029	ng	# 1
13) 1,4-Dichlorobenzene	8.33	146	54	0.028	ng	# 1
14) 1,2-Dichlorobenzene	8.33	146	54	0.029	ng	# 1
15) Benzyl Alcohol	8.33	79	4445	2.134	ng	# 53
18) Hexachloroethane	9.12	117	53	0.072	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	31903	16.516	ng	# 64
22) Acetophenone	9.29	105	54	0.020	ng	# 50
24) Nitrobenzene	9.16	77	717	0.339	ng	# 42
25) Isophorone	9.65	82	400	0.102	ng	# 69
33) 4-Chloroaniline	10.50	127	60	0.030	ng	# 46
35) Caprolactam	11.52	113	54	0.087	ng	# 1
36) 4-Chloro-3-methylphenol	12.00	107	69	0.035	ng	# 22
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	59	0.026	ng	# 25
45) 1,1'-Biphenyl	13.47	154	514	0.109	ng	# 43
46) 2-Chloronaphthalene	13.57	162	55	0.015	ng	# 39
47) 2-Nitroaniline	13.26	65	573	0.442	ng	# 1
49) Dimethylphthalate	14.23	163	71	0.013	ng	# 77
50) 2,6-Dinitrotoluene	14.63	165	9295	8.560	ng	# 18
52) 3-Nitroaniline	14.09	138	57	0.051	ng	# 1
54) Dibenzofuran	14.97	168	59	0.010	ng	# 46
56) 2,4-Dinitrotoluene	14.63	165	9295	5.967	ng	# 16
57) Fluorene	16.12	166	4604	0.902	ng	# 92
62) Azobenzene	15.82	77	66	0.012	ng	# 48
64) 4,6-Dinitro-2-methylphenol	16.12	198	470	0.452	ng	# 5
65) n-Nitrosodiphenylamine	16.12	169	6505	1.224	ng	# 53
66) 4-Bromophenyl-phenylether	16.13	248	13462	6.212	ng	# 1

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

69) Pentachlorophenol	17.07	266	83	0.061	nq	# 19
70) Phenanthrene	17.38	178	70	0.008	nq	# 60
71) Anthracene	17.38	178	70	0.008	nq	# 59
73) Di-n-butylphthalate	18.36	149	484	0.046	nq	# 78
74) Fluoranthene	19.03	202	60	0.005	nq	# 65
76) Benzidine	19.99	184	18240	3.298	nq	# 90
77) Pyrene	19.99	202	4340	0.326	nq	# 66
79) Butylbenzylphthalate	20.73	149	132	0.028	nq	# 20
80) Benzo(a)anthracene	21.64	228	705	0.054	nq	# 39
81) 3,3'-Dichlorobenzidine	21.55	252	59	0.013	nq	# 26
82) Chrysene	21.68	228	207	0.017	nq	# 49
83) Bis(2-ethylhexyl)phthalate	21.54	149	381	0.059	nq	# 50
84) Di-n-octyl phthalate	22.71	149	671	0.062	nq	# 48
87) Benzo(b)fluoranthene	23.83	252	120	0.010	nq	# 59
88) Benzo(k)fluoranthene	23.89	252	199	0.017	nq	# 60
89) Benzo(a)pyrene	24.68	252	155	0.014	nq	# 1
90) Dibenzo(a,h)anthracene	28.11	278	57	0.005	nq	# 58
91) Benzo(g,h,i)perylene	29.61	276	55	0.005	nq	# 56

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

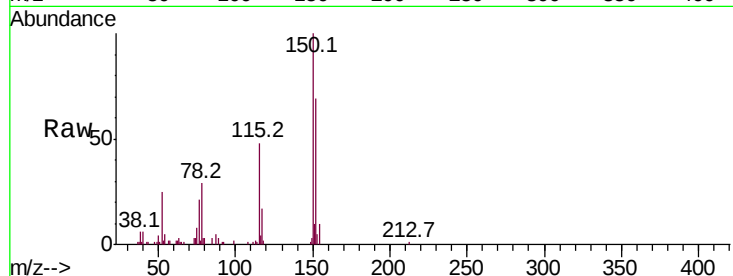


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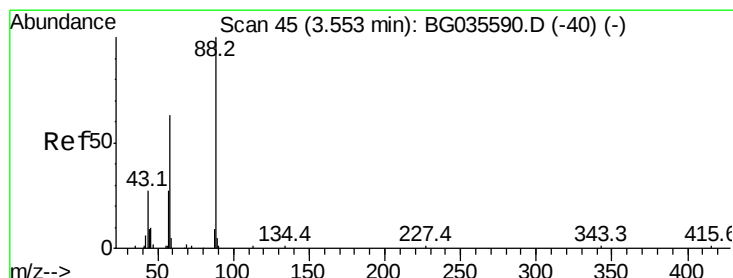
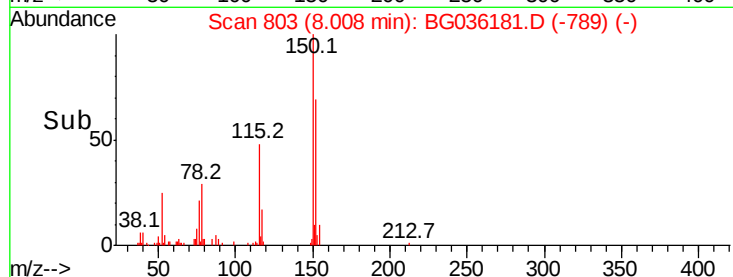
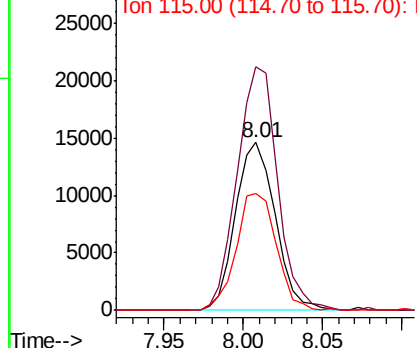
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 25526
Ion Ratio Lower Upper
152 100
150 145.2 126.6 189.8
115 69.5 53.0 79.4



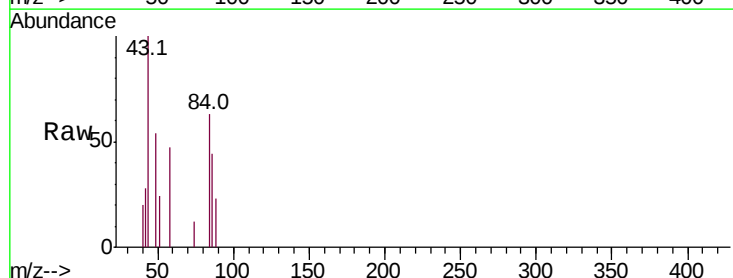
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



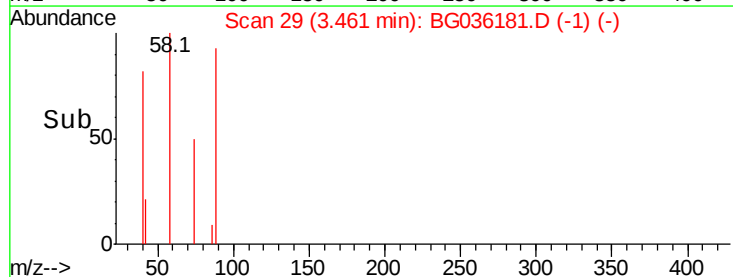
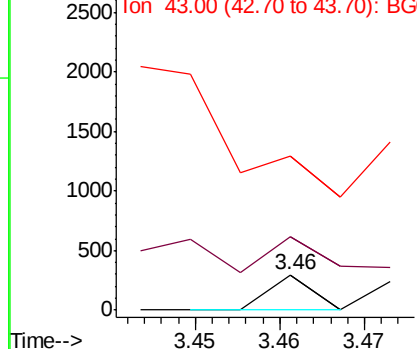
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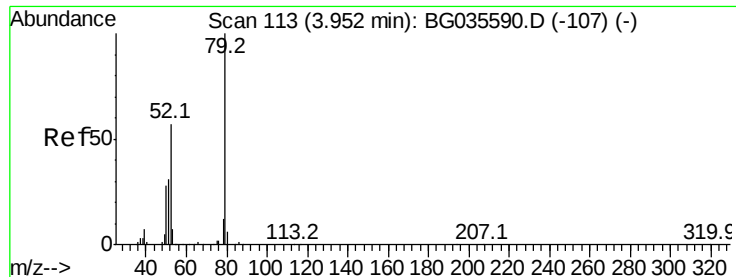
1,4-Dioxane
Concen: 0.134 ng
RT: 3.46 min Scan# 29
Delta R.T. -0.06 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

Tgt Ion: 88 Resp: 105
Ion Ratio Lower Upper
88 100
58 0.0 79.6 119.4#
43 429.5 27.4 41.0#



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: 0.031 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.00 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

Instrument :

BNA_G

ClientSampleId :

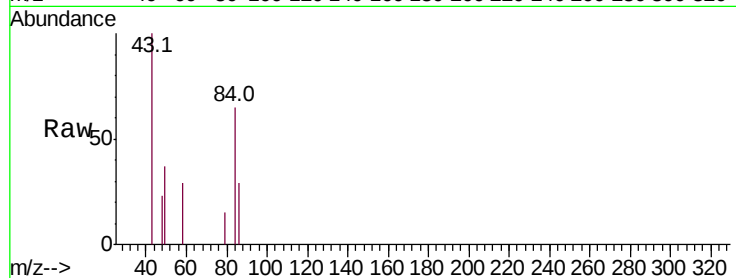
Tot Ion: 79 Resp: 63

Ion Ratio Lower Upper

79 100

52 0.0 69.9 104.9#

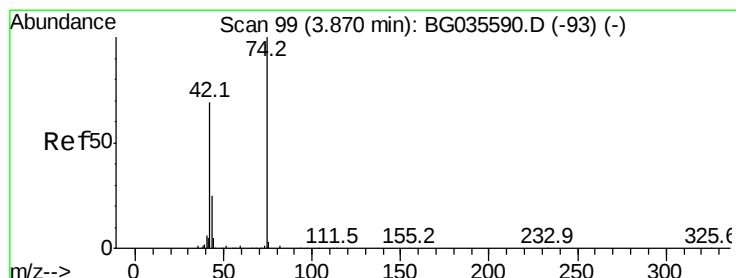
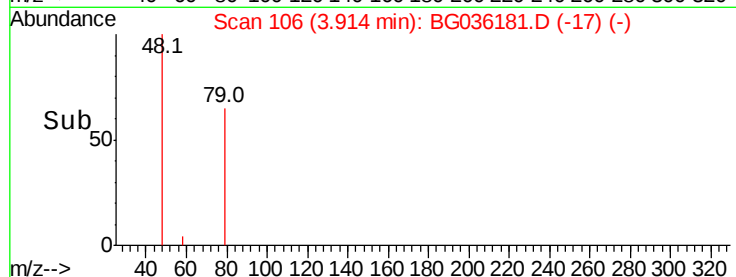
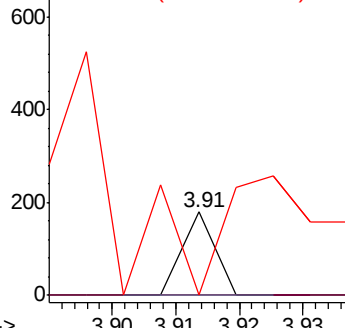
51 0.0 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.066 ng

RT: 3.84 min Scan# 94

Delta R.T. 0.01 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

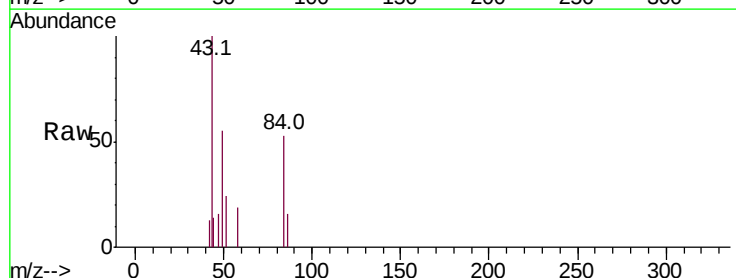
Tgt Ion: 42 Resp: 58

Ion Ratio Lower Upper

42 100

74 0.0 102.5 153.7#

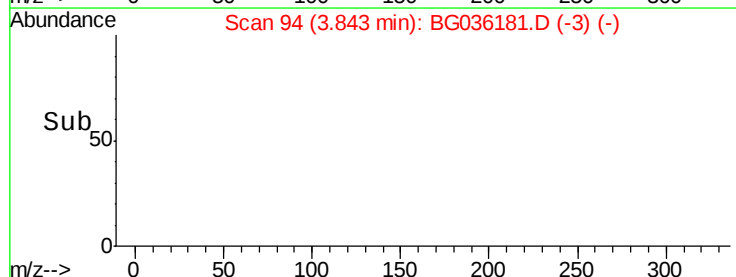
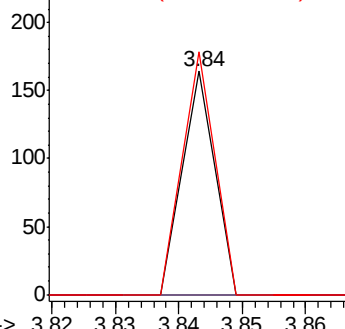
44 109.1 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 157.163 ng

RT: 5.59 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG036181.D

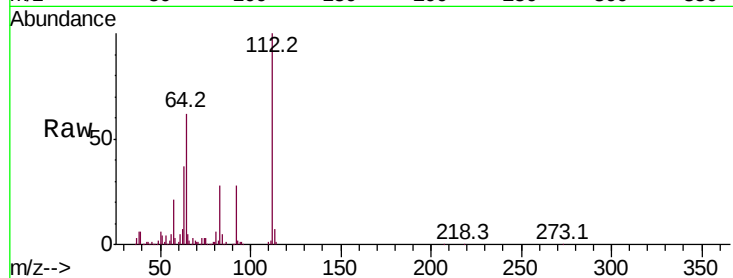
Acq: 8 Aug 2018 3:34

Instrument :

BNA_G

ClientSampleId :

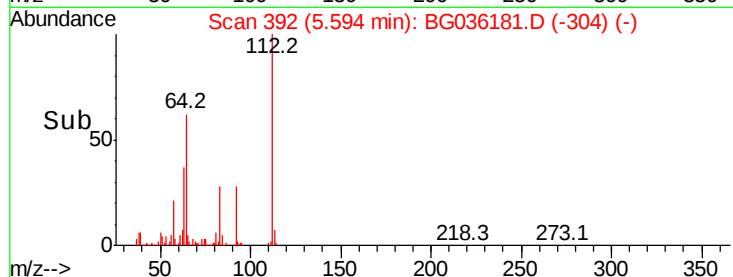
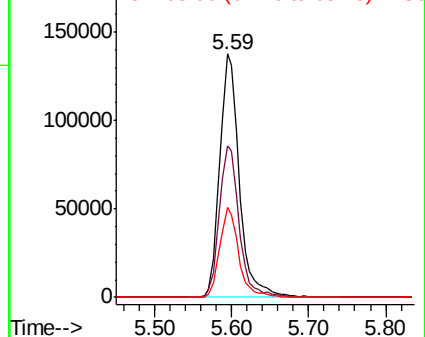
Tot Ion:	112	Resp:	241637
Ion	Ratio	Lower	Upper
112	100		
64	62.1	56.3	84.5
63	36.9	30.1	45.1



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: 0.019 ng

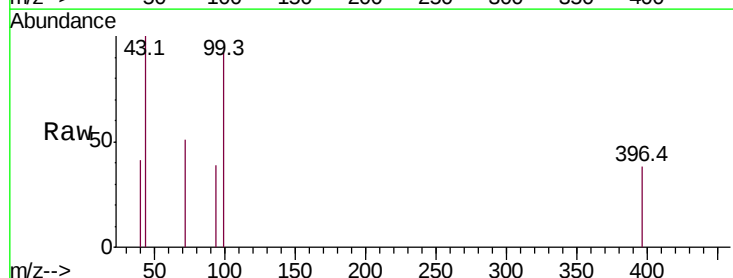
RT: 7.41 min Scan# 701

Delta R.T. 0.05 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

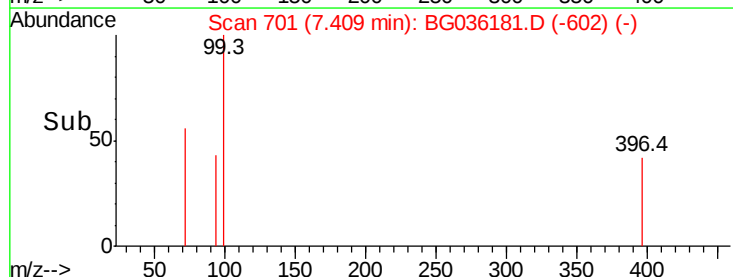
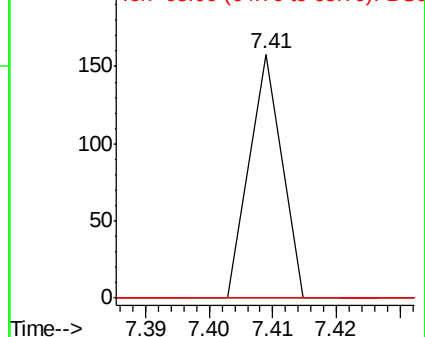
Tgt Ion:	93	Resp:	56
Ion	Ratio	Lower	Upper
93	100		
66	0.0	33.7	50.5#
65	0.0	16.1	24.1#



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: 145.290 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.02 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

Instrument :

BNA_G

ClientSampled :

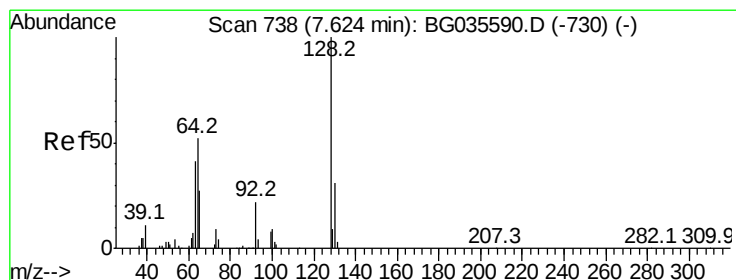
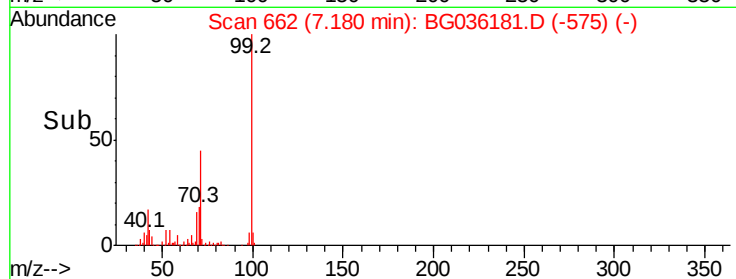
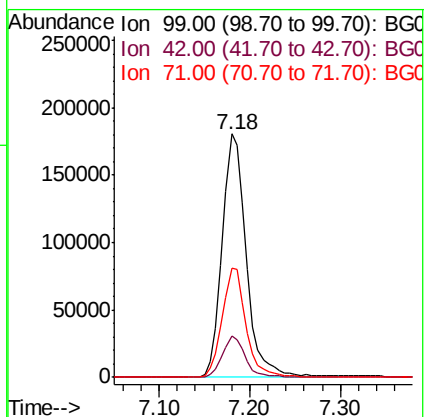
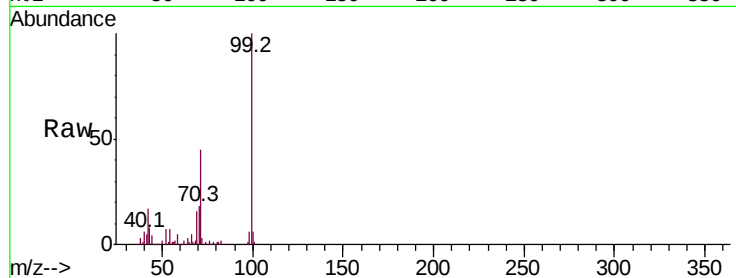
Tot Ion: 99 Resp: 333285

Ion Ratio Lower Upper

99 100

42 17.0 14.1 21.1

71 44.8 26.1 39.1#



#8

2-Chlorophenol

Concen: 0.040 ng

RT: 7.54 min Scan# 724

Delta R.T. -0.05 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

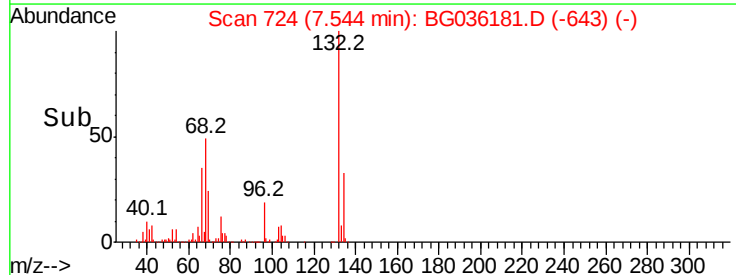
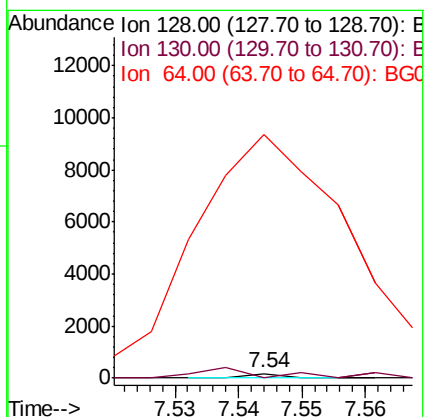
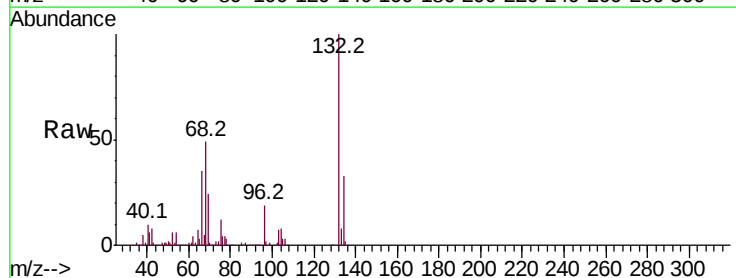
Tgt Ion: 128 Resp: 62

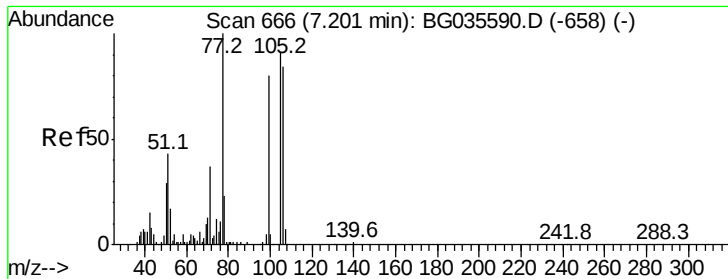
Ion Ratio Lower Upper

128 100

130 0.0 14.0 54.0#

64 5285.3 37.7 77.7#





#9

Benzaldehyde

Concen: 0.264 ng

RT: 7.19 min Scan# 663

Delta R.T. 0.02 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

Instrument :

BNA_G

ClientSampled :

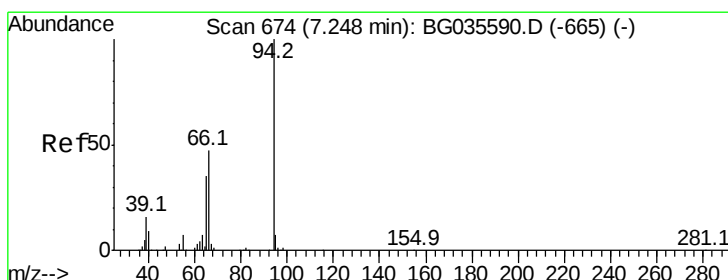
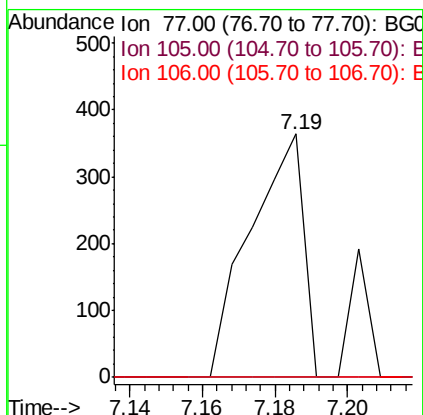
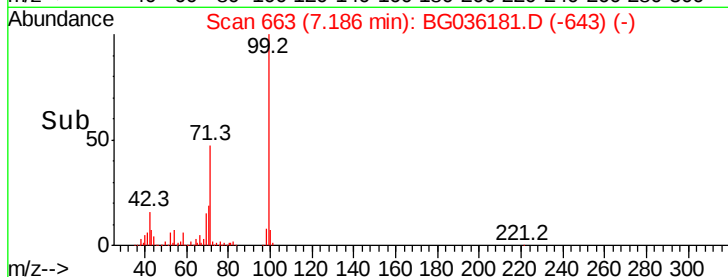
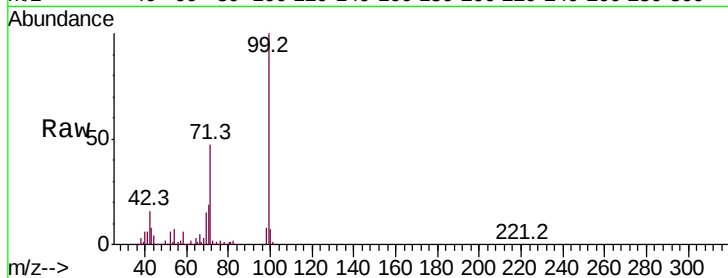
Tot Ion: 77 Resp: 372

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

106 0.0 64.2 104.2#



#10

Phenol

Concen: 0.038 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.04 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

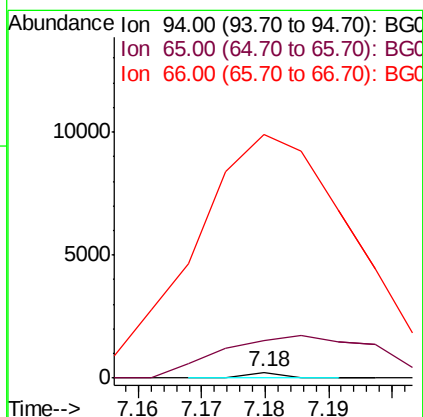
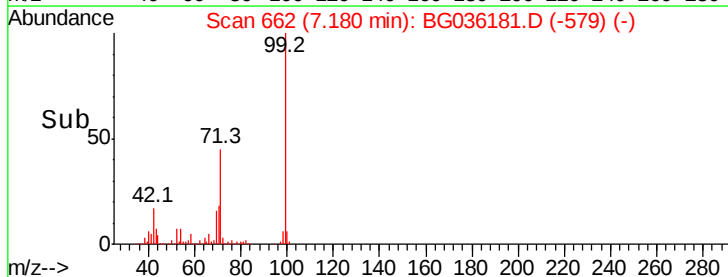
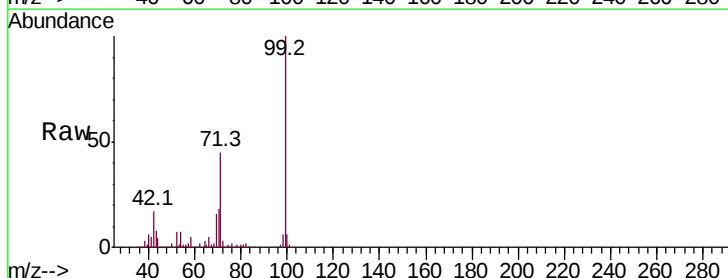
Tgt Ion: 94 Resp: 87

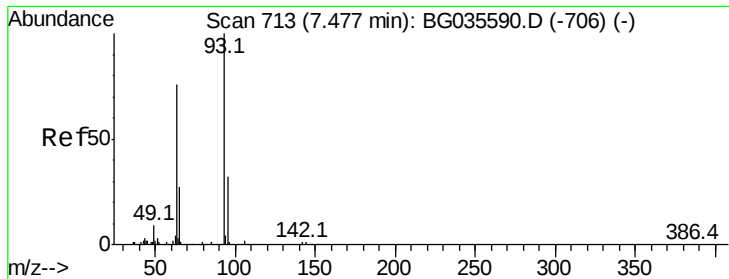
Ion Ratio Lower Upper

94 100

65 626.0 11.9 51.9#

66 4023.2 22.2 62.2#

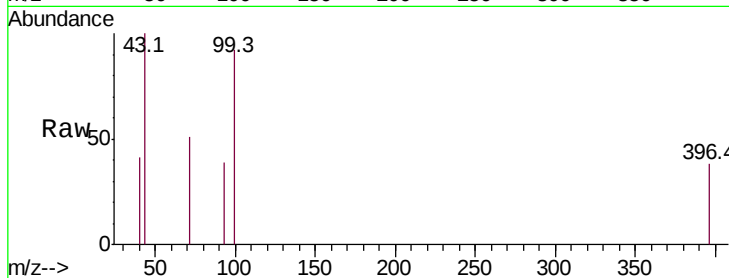




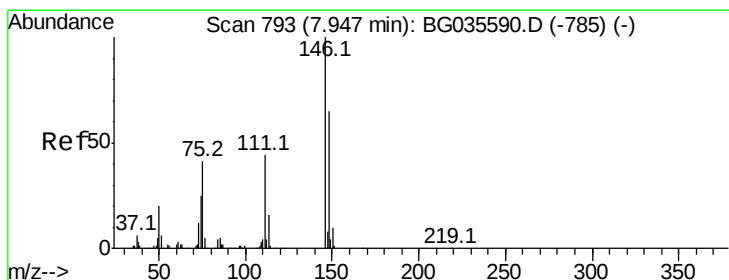
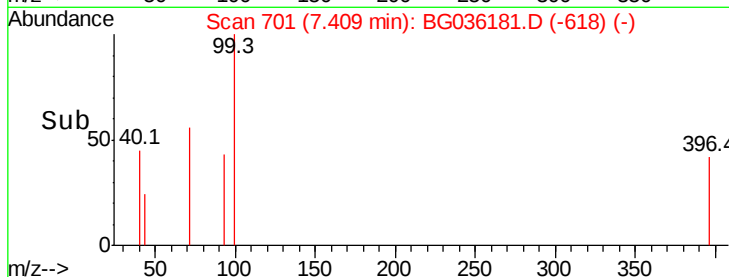
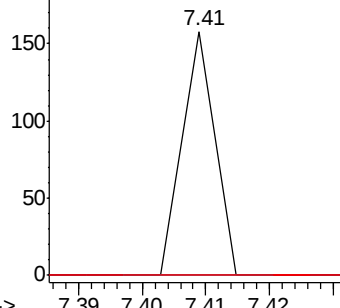
#11
bis(2-Chloroethyl)ether
Concen: 0.031 ng
RT: 7.41 min Scan# 701
Delta R.T. -0.04 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 56
Ion Ratio Lower Upper
93 100
63 0.0 67.1 107.1#
95 0.0 11.5 51.5#

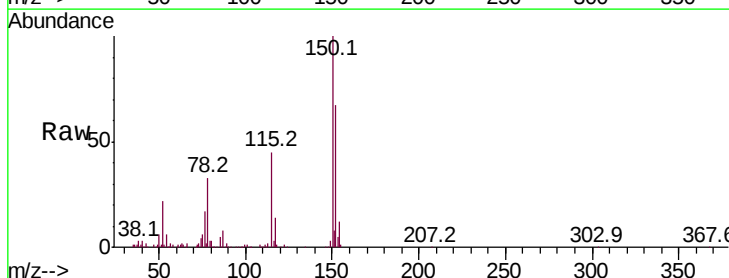


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

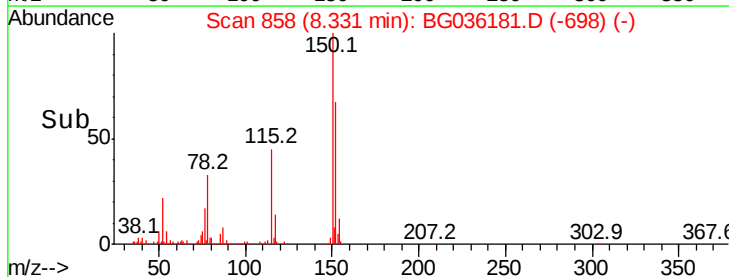
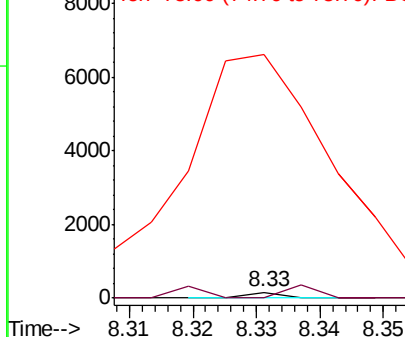


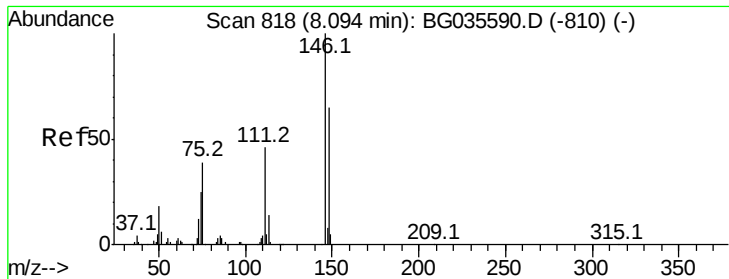
#12
1,3-Dichlorobenzene
Concen: 0.029 ng
RT: 8.33 min Scan# 858
Delta R.T. 0.41 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

Tgt Ion: 146 Resp: 54
Ion Ratio Lower Upper
146 100
148 0.0 51.4 77.2#
75 4294.2 26.6 39.8#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

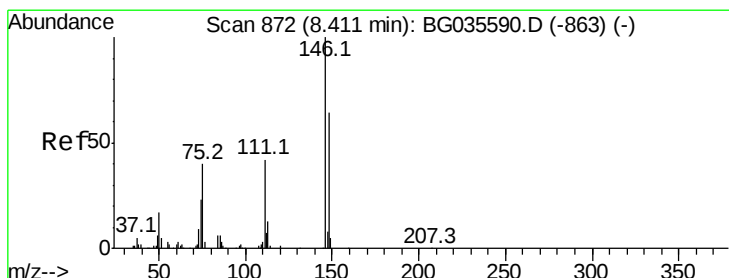
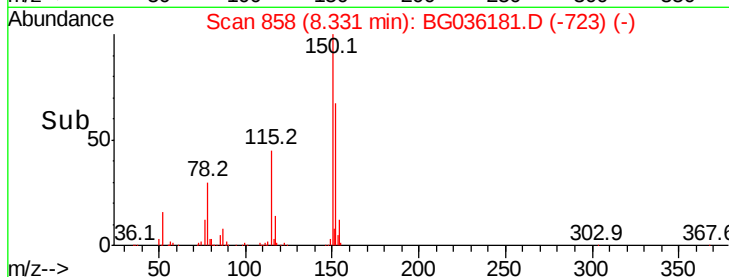
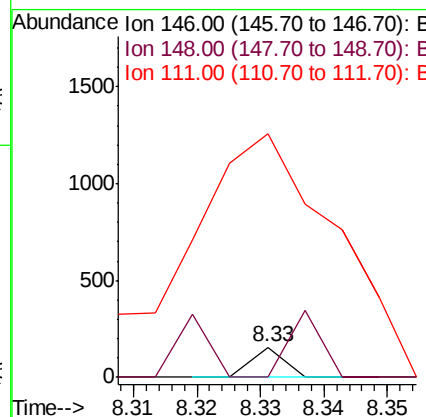
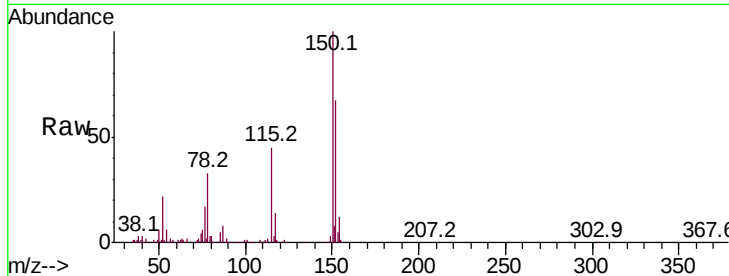




#13
 1,4-Dichlorobenzene
 Concen: 0.028 ng
 RT: 8.33 min Scan# 858
 Delta R.T. 0.27 min
 Lab File: BG036181.D
 Acq: 8 Aug 2018 3:34

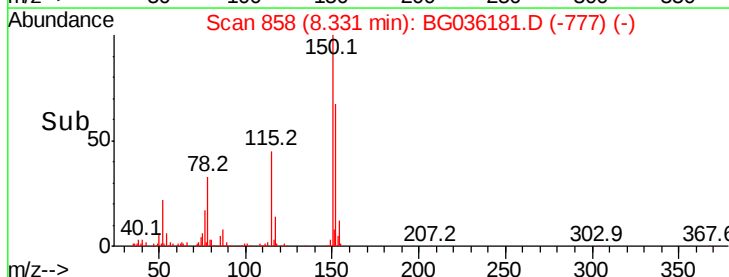
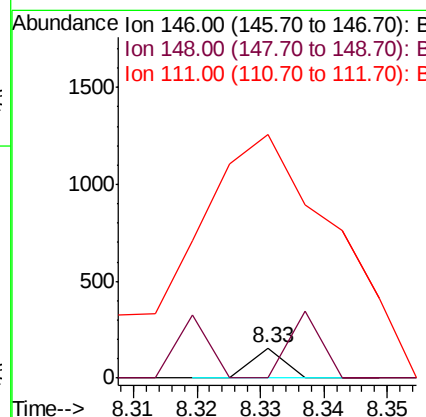
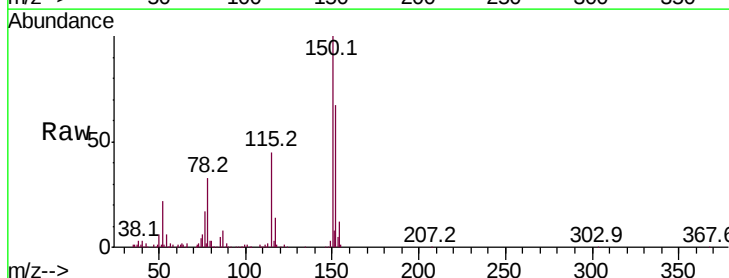
Instrument :
 BNA_G
 ClientSampleId :

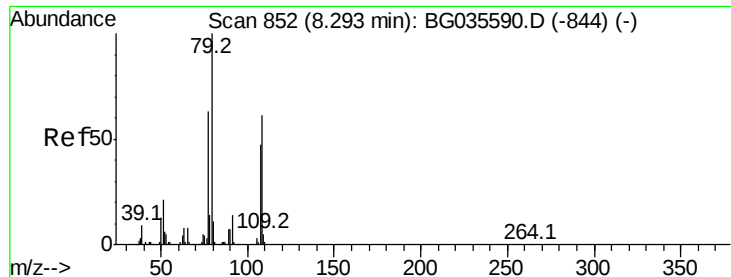
Tot Ion	Ratio	Lower	Upper
146	100		
148	0.0	53.7	80.5#
111	816.2	35.2	52.8#



#14
 1,2-Dichlorobenzene
 Concen: 0.029 ng
 RT: 8.33 min Scan# 858
 Delta R.T. -0.05 min
 Lab File: BG036181.D
 Acq: 8 Aug 2018 3:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	0.0	49.3	73.9#
111	816.2	34.3	51.5#





#15

Benzyl Alcohol

Concen: 2.134 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.07 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

Instrument :

BNA_G

ClientSampleId :

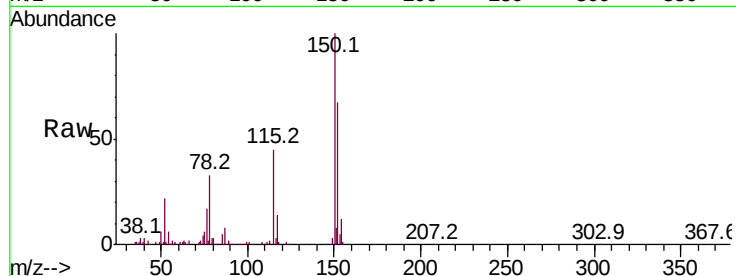
Tot Ion: 79 Resp: 4445

Ion Ratio Lower Upper

79 100

108 21.2 57.2 85.8#

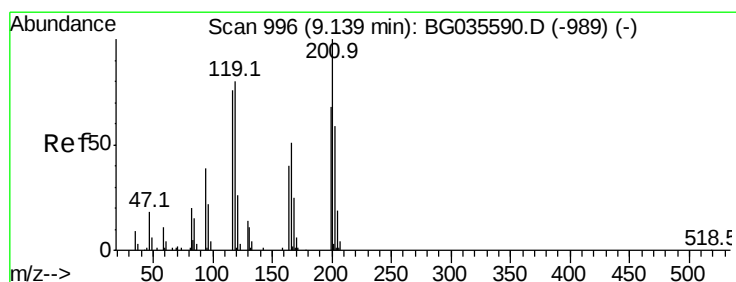
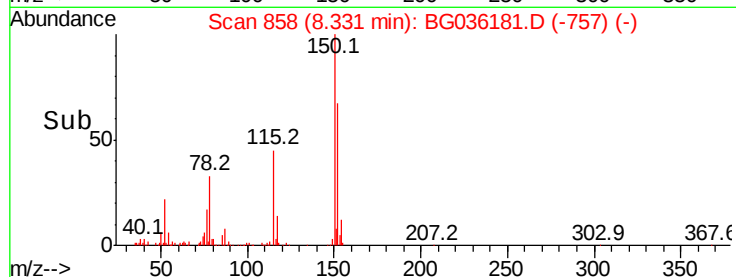
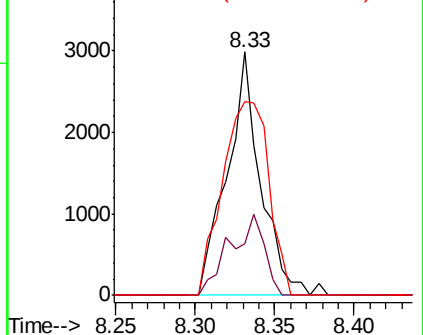
77 79.4 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#18

Hexachloroethane

Concen: 0.072 ng

RT: 9.12 min Scan# 993

Delta R.T. 0.02 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

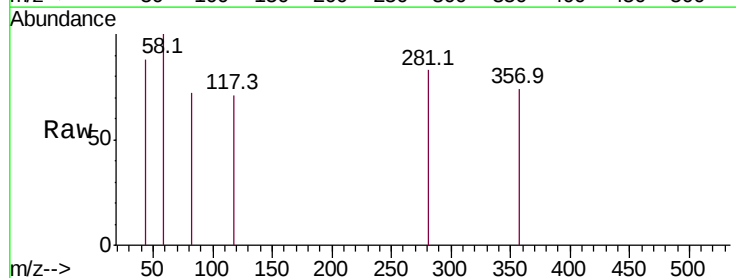
Tgt Ion: 117 Resp: 53

Ion Ratio Lower Upper

117 100

119 0.0 76.7 115.1#

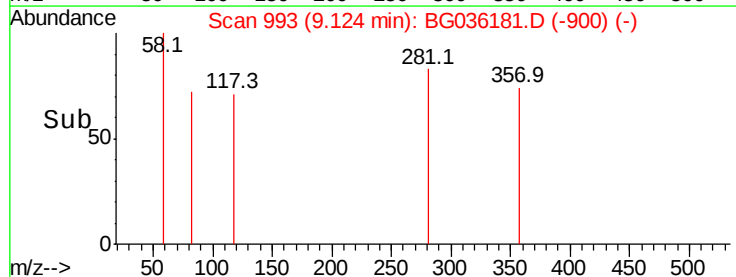
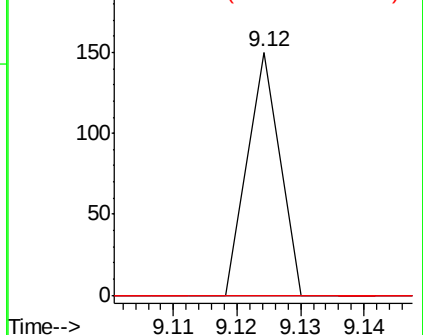
201 0.0 95.7 143.5#

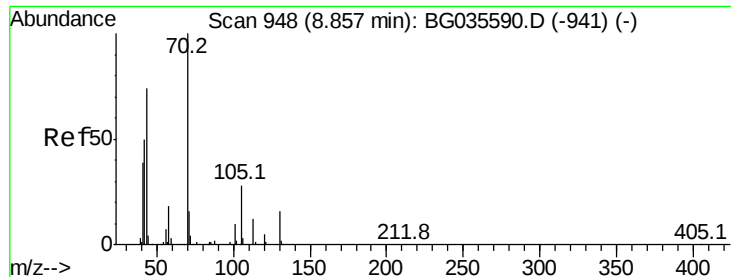


Abundance Ion 117.00 (116.70 to 117.70): BGC

Ion 119.00 (118.70 to 119.70): BGC

Ion 201.00 (200.70 to 201.70): BGC

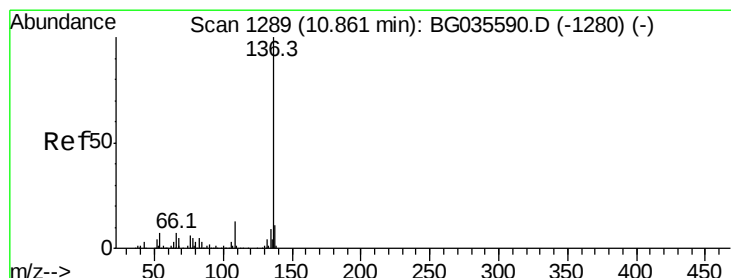
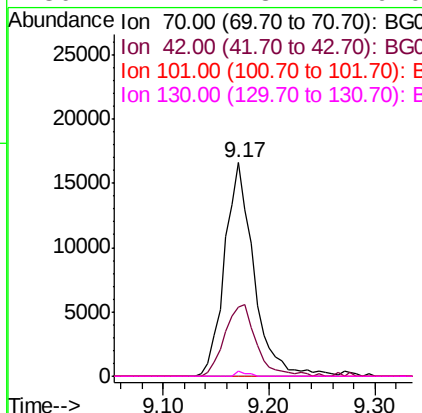
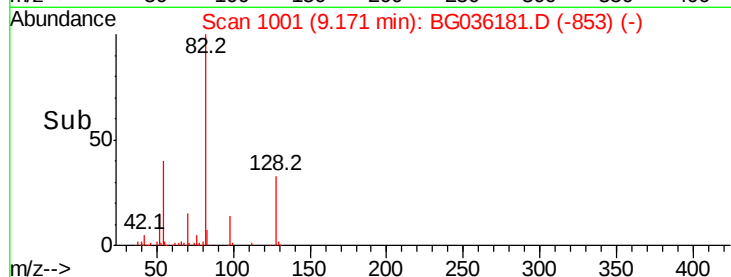
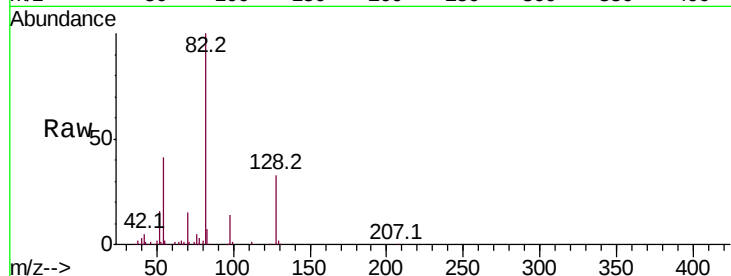




#19
n-Nitroso-di-n-propylamine
Concen: 16.516 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

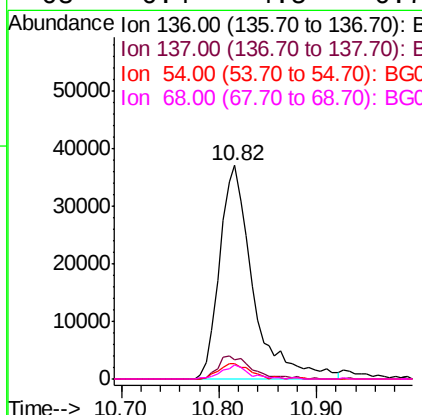
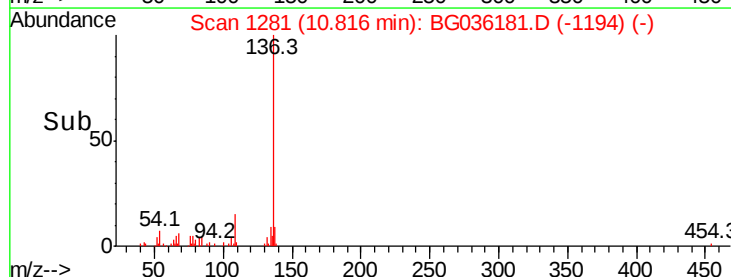
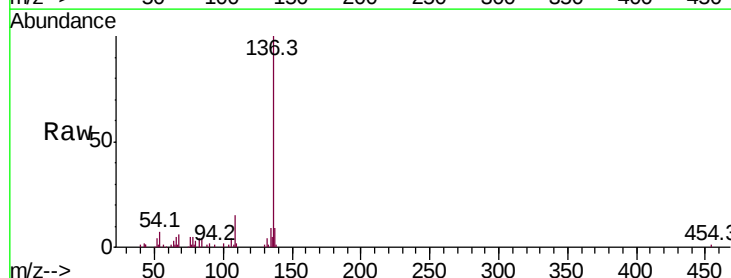
Instrument :
BNA_G
ClientSampled :

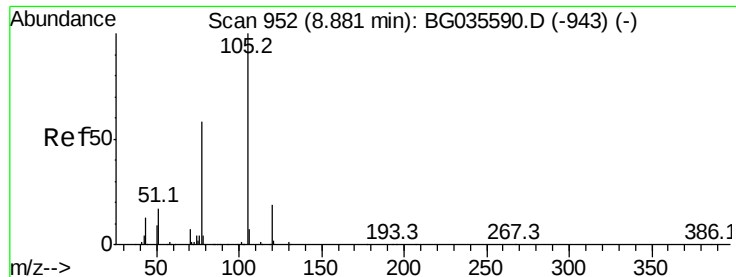
Tot Ion:	70	Resp:	31903
Ion	Ratio	Lower	Upper
70	100		
42	32.4	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

Tgt Ion:	136	Resp:	87896
Ion	Ratio	Lower	Upper
136	100		
137	9.2	9.2	13.8
54	6.9	10.3	15.5#
68	6.4	4.5	6.7





#22

Acetophenone

Concen: 0.020 ng

RT: 9.29 min Scan# 1021

Delta R.T. 0.44 min

Lab File: BG036181.D

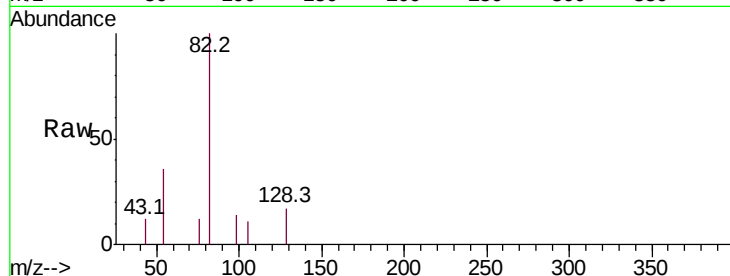
Acq: 8 Aug 2018 3:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	105	Resp:	54
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	0.0	26.1	39.1#
120	0.0	17.4	26.2#

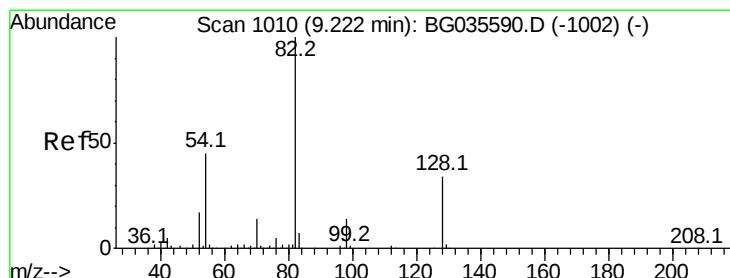
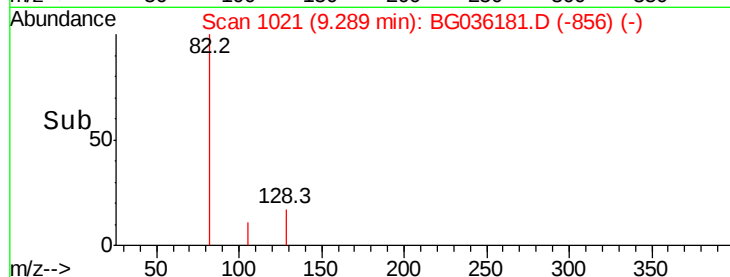
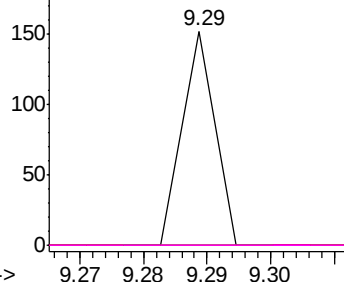


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 104.952 ng

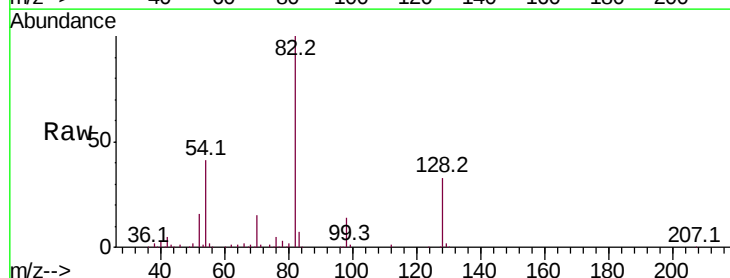
RT: 9.17 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

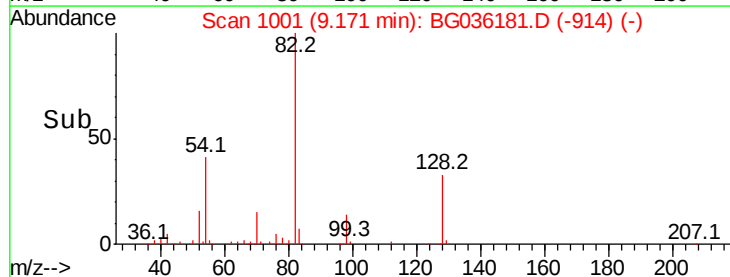
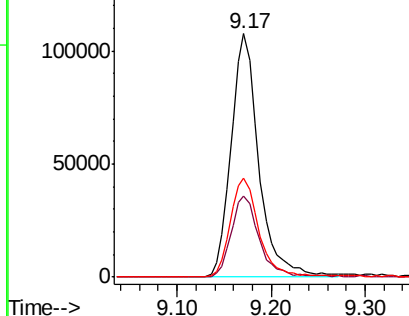
Tgt Ion:	82	Resp:	220824
Ion	Ratio	Lower	Upper
82	100		
128	33.1	29.7	44.5
54	40.7	43.1	64.7#

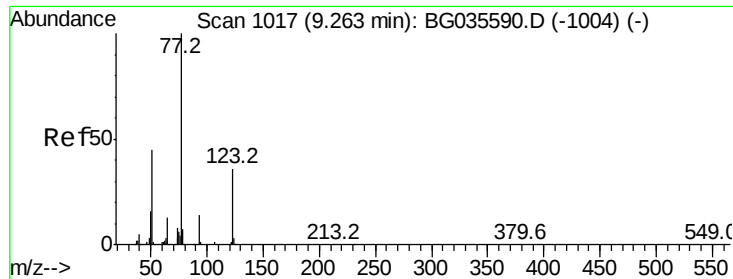


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

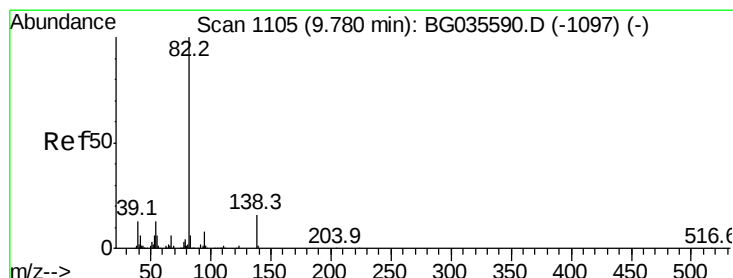
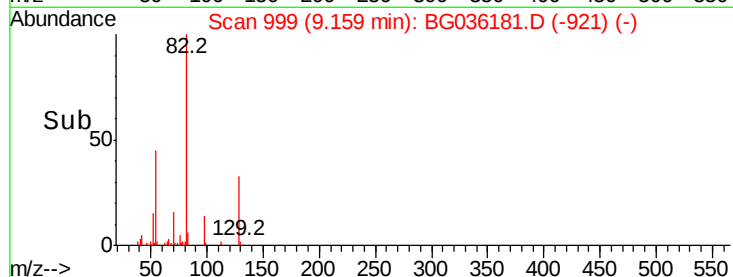
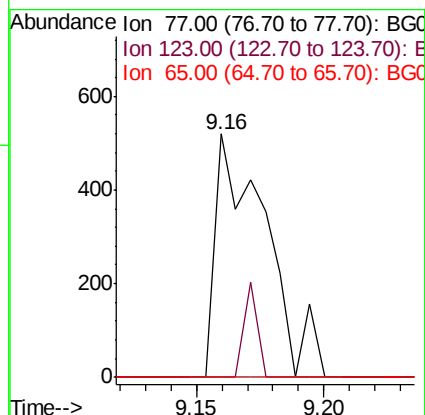
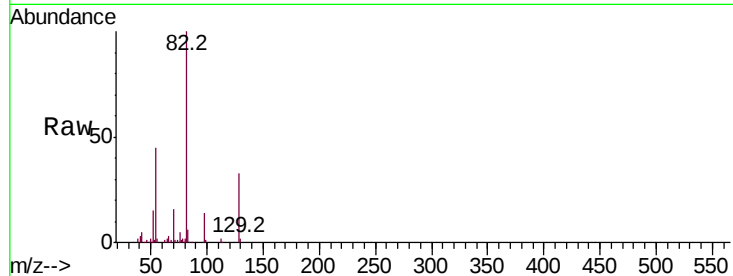




#24
 Nitrobenzene
 Concen: 0.339 ng
 RT: 9.16 min Scan# 999
 Delta R.T. -0.07 min
 Lab File: BG036181.D
 Acq: 8 Aug 2018 3:34

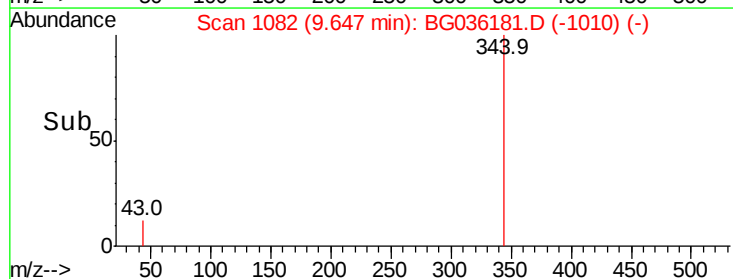
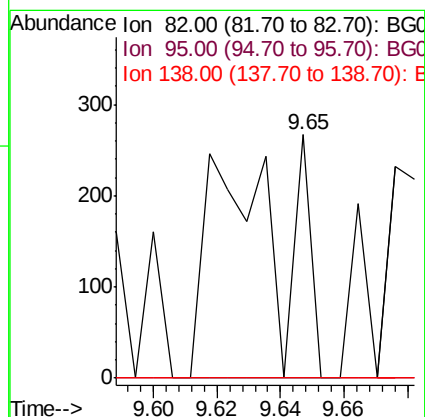
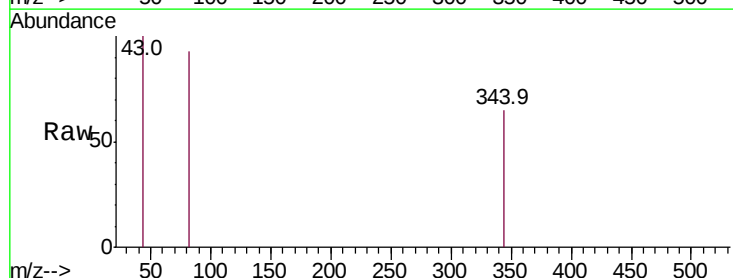
Instrument :
 BNA_G
 ClientSampleId :

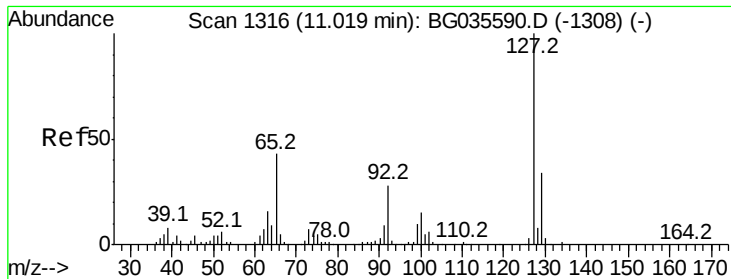
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	0.0	13.0	19.6#



#25
 Isophorone
 Concen: 0.102 ng
 RT: 9.65 min Scan# 1082
 Delta R.T. -0.10 min
 Lab File: BG036181.D
 Acq: 8 Aug 2018 3:34

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	12.1	18.1#

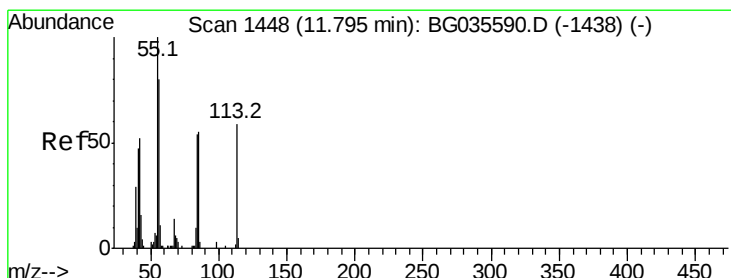
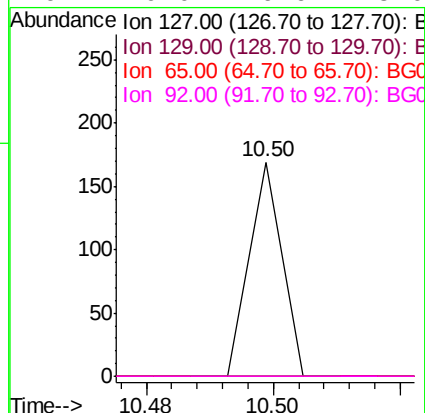
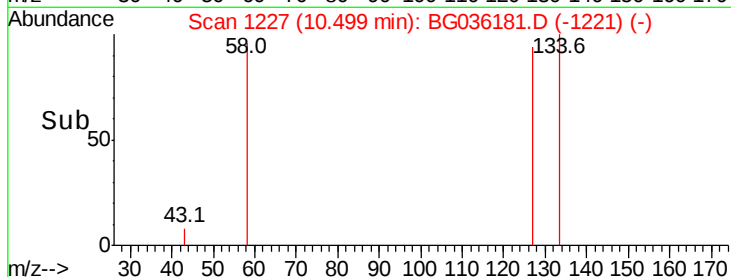
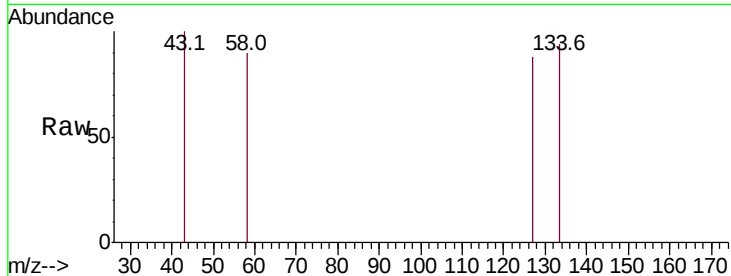




#33
4-Chloroaniline
Concen: 0.030 ng
RT: 10.50 min Scan# 1227
Delta R.T. -0.49 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

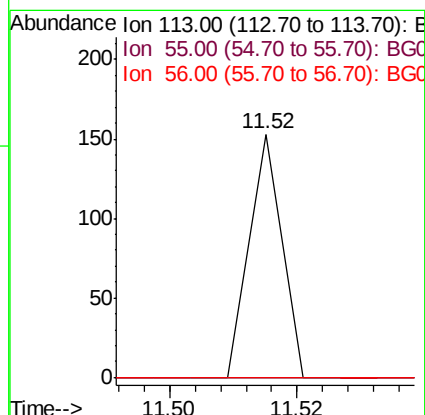
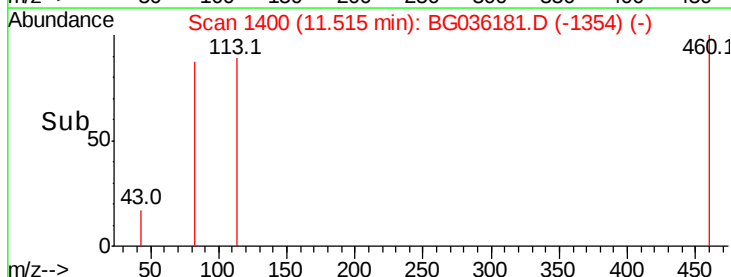
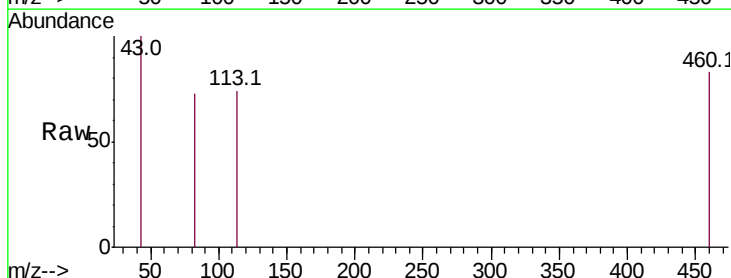
Instrument :
BNA_G
ClientSampleId :

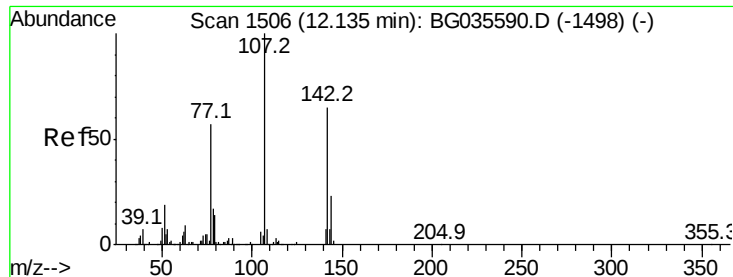
Tot Ion:	127	Resp:	60
Ion	Ratio	Lower	Upper
127	100		
129	0.0	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



#35
Caprolactam
Concen: 0.087 ng
RT: 11.52 min Scan# 1400
Delta R.T. -0.26 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

Tgt Ion:	113	Resp:	54
Ion	Ratio	Lower	Upper
113	100		
55	0.0	186.9	226.9#
56	0.0	130.9	170.9#

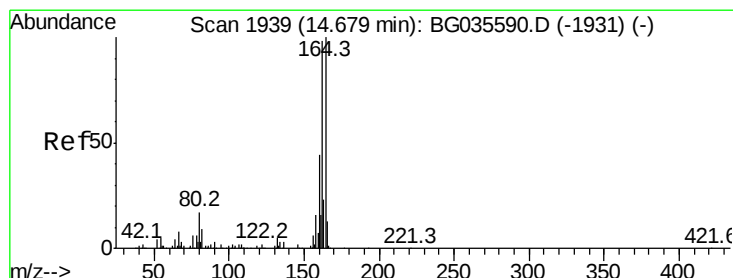
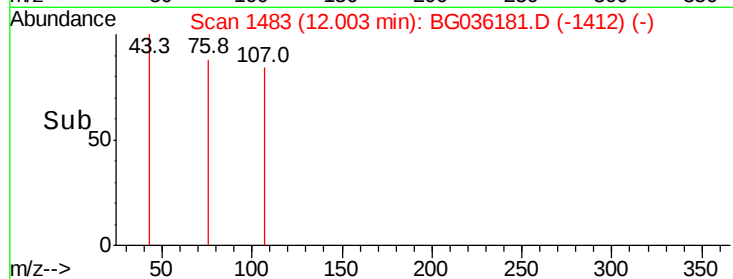
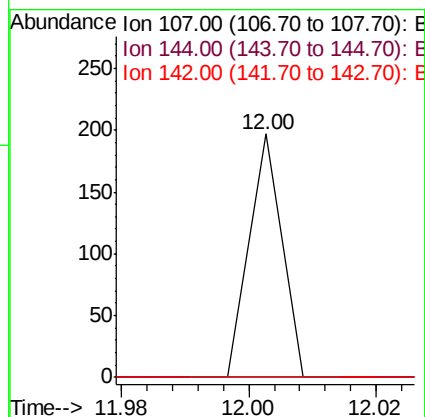
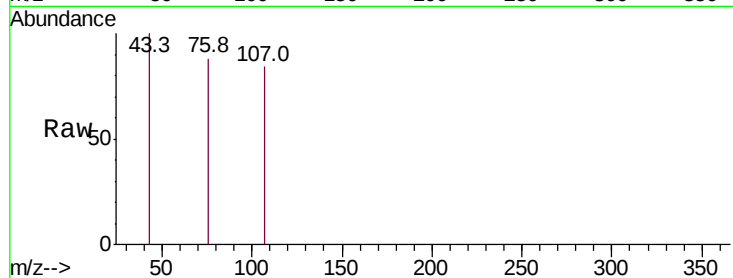




#36
 4-Chloro-3-methylphenol
 Concen: 0.035 ng
 RT: 12.00 min Scan# 1483
 Delta R.T. -0.11 min
 Lab File: BG036181.D
 Acq: 8 Aug 2018 3:34

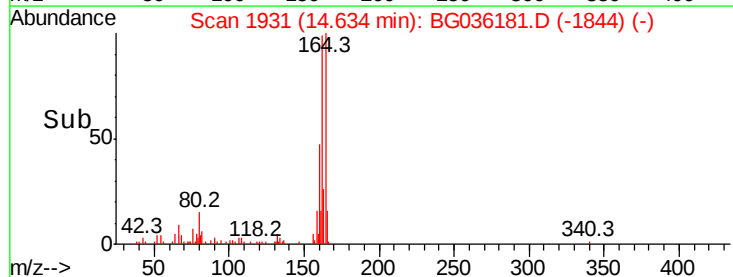
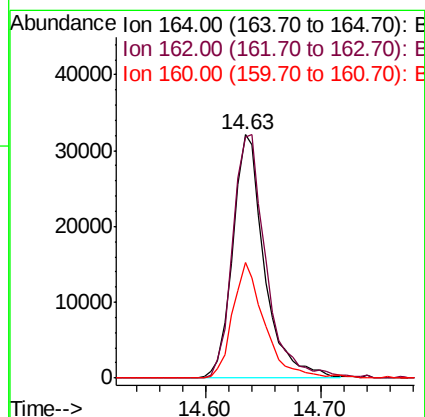
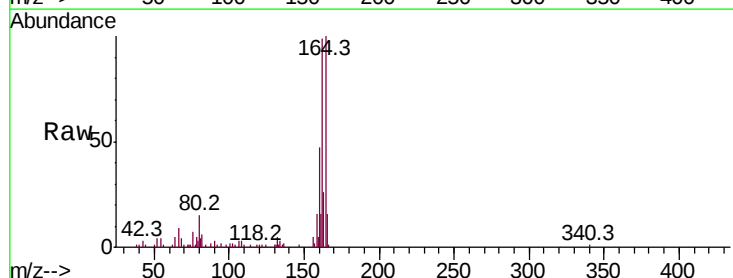
Instrument :
 BNA_G
 ClientSampled :

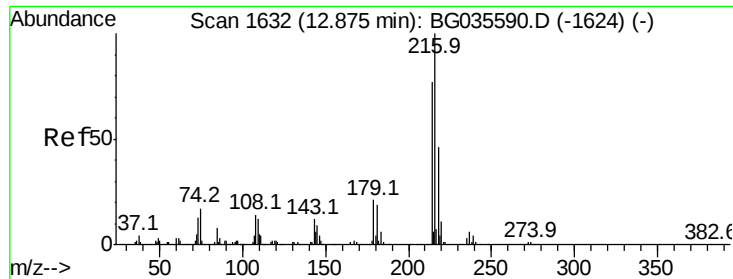
Tot Ion:107 Resp: 69
 Ion Ratio Lower Upper
 107 100
 144 0.0 18.2 27.4#
 142 0.0 59.0 88.4#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036181.D
 Acq: 8 Aug 2018 3:34

Tgt Ion:164 Resp: 60858
 Ion Ratio Lower Upper
 164 100
 162 99.1 78.8 118.2
 160 47.3 35.4 53.0

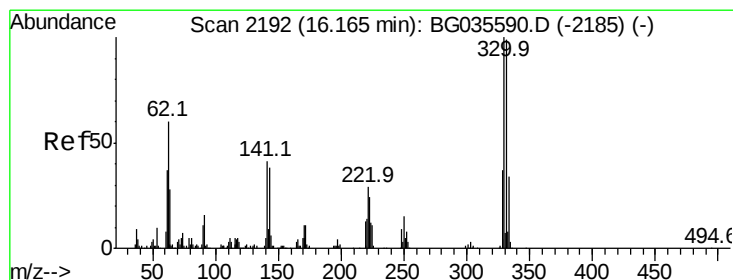
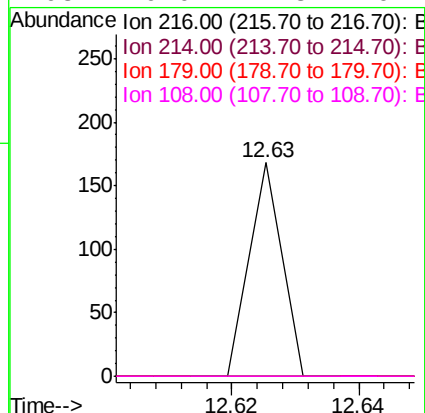
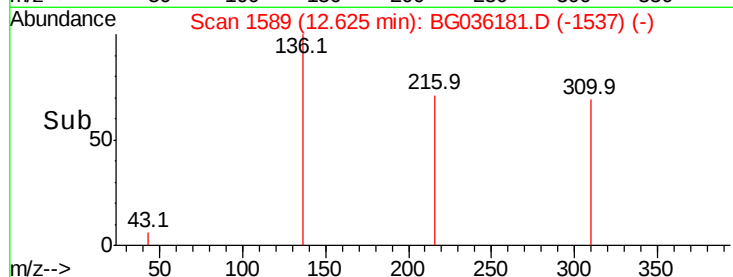
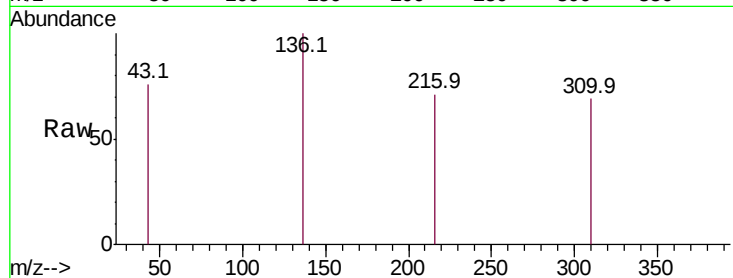




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.026 ng
 RT: 12.63 min Scan# 1589
 Delta R.T. -0.22 min
 Lab File: BG036181.D
 Acq: 8 Aug 2018 3:34

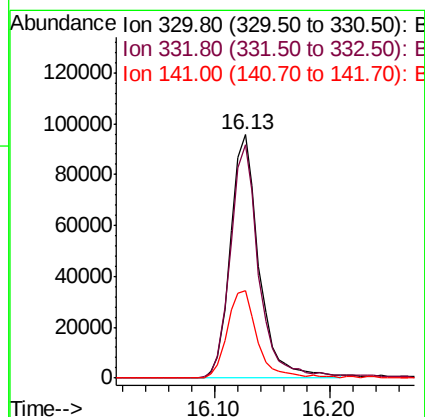
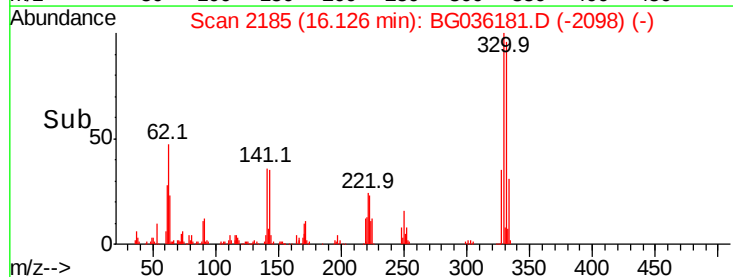
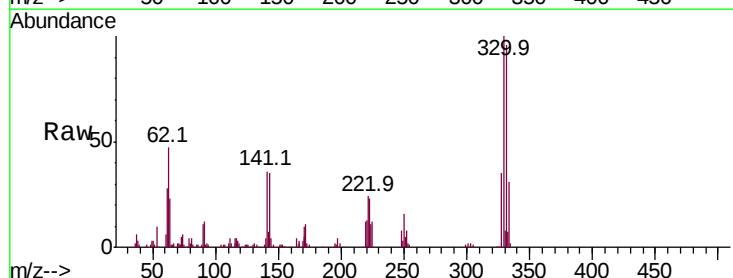
Instrument :
 BNA_G
 ClientSampleId :

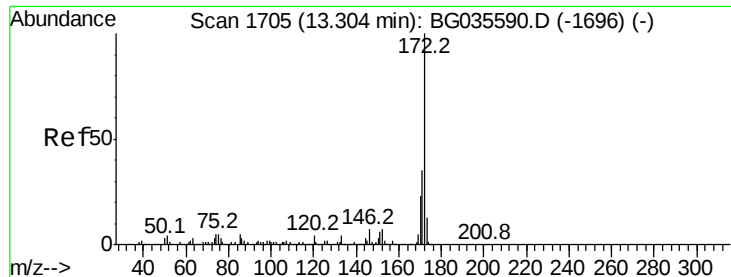
Tot Ion:	216	Resp:	59
Ion	Ratio	Lower	Upper
216	100		
214	0.0	63.0	94.4#
179	0.0	17.0	25.6#
108	0.0	12.8	19.2#



#41
 2,4,6-Tribromophenol
 Concen: 205.129 ng
 RT: 16.13 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036181.D
 Acq: 8 Aug 2018 3:34

Tgt Ion:	330	Resp:	164544
Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	38.2	25.2	37.8#

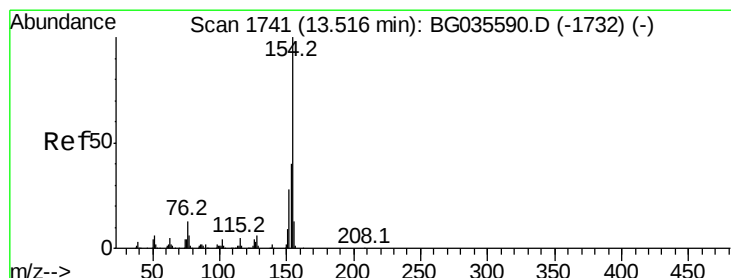
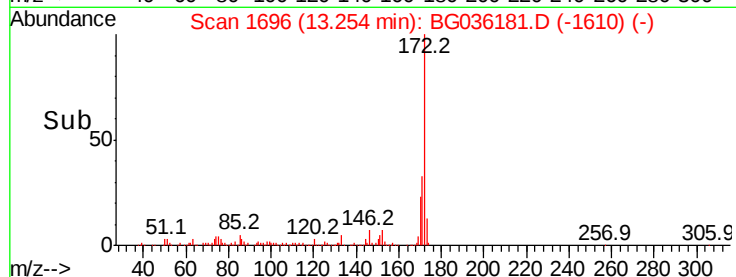
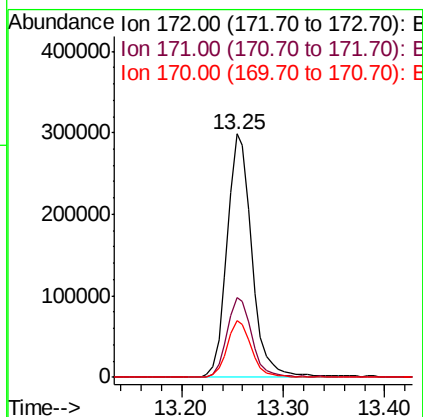
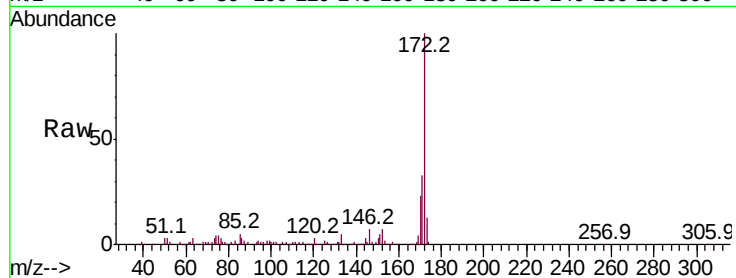




#44
2-Fluorobiphenyl
Concen: 111.762 ng
RT: 13.25 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

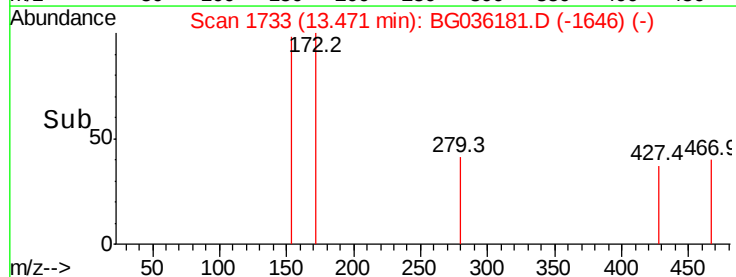
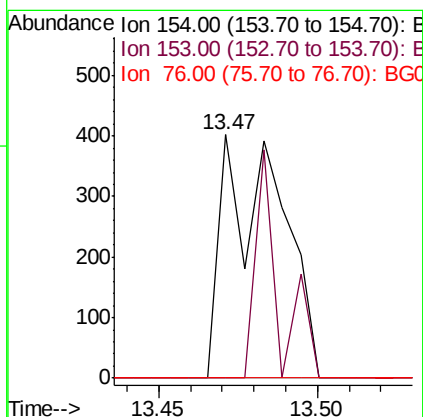
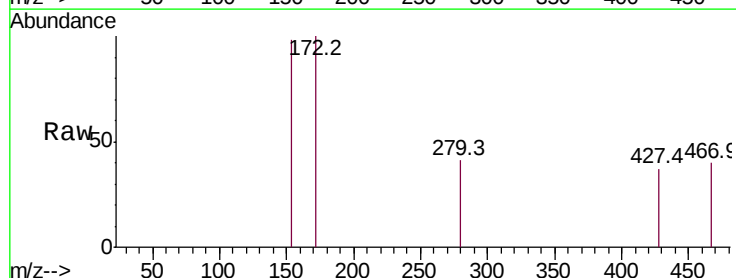
Instrument :
BNA_G
ClientSampleId :

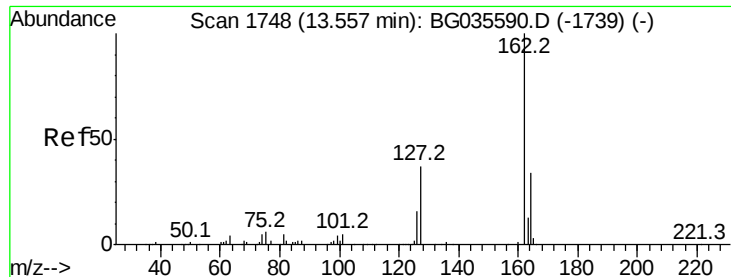
Tot Ion	Ratio	Lower	Upper
172	100		
171	32.7	30.0	45.0
170	23.1	19.5	29.3



#45
1,1'-Biphenyl
Concen: 0.109 ng
RT: 13.47 min Scan# 1733
Delta R.T. -0.02 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	19.8	59.8#
76	0.0	0.0	31.9

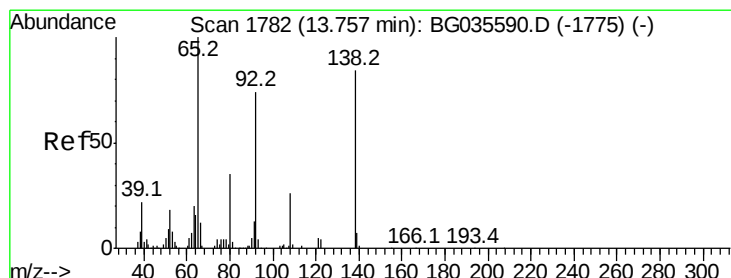
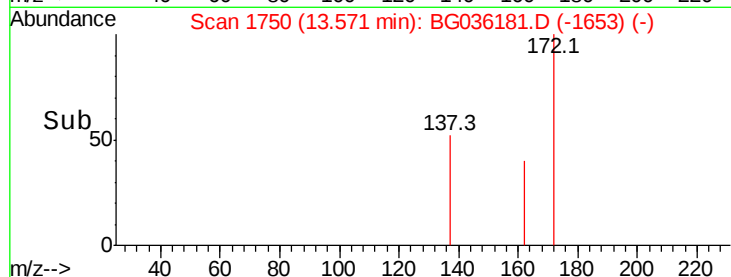
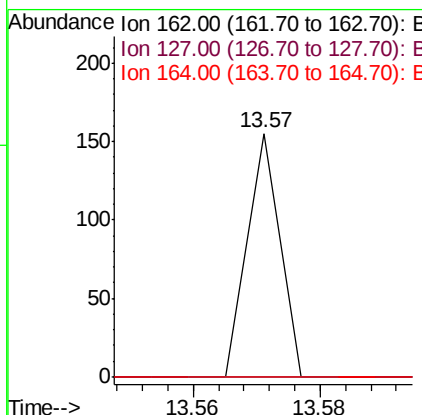
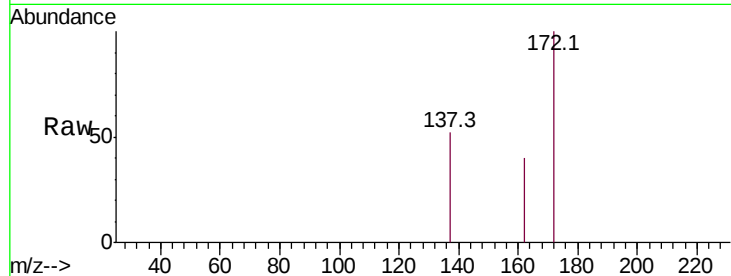




#46
 2-Chloronaphthalene
 Concen: 0.015 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. 0.04 min
 Lab File: BG036181.D
 Acq: 8 Aug 2018 3:34

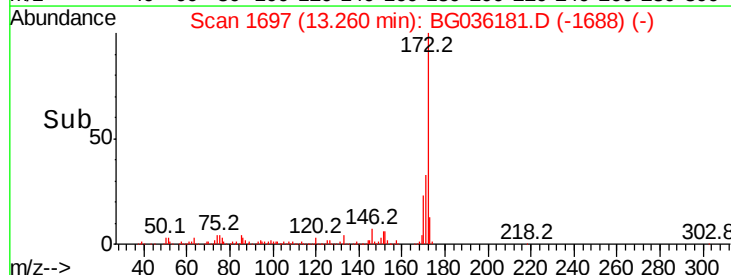
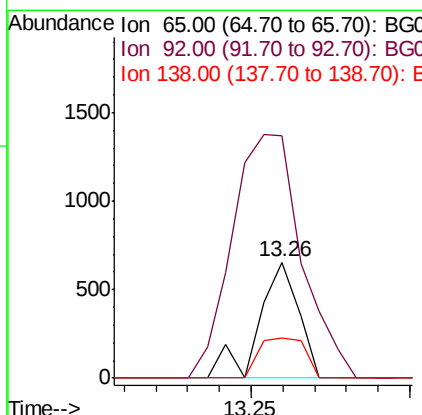
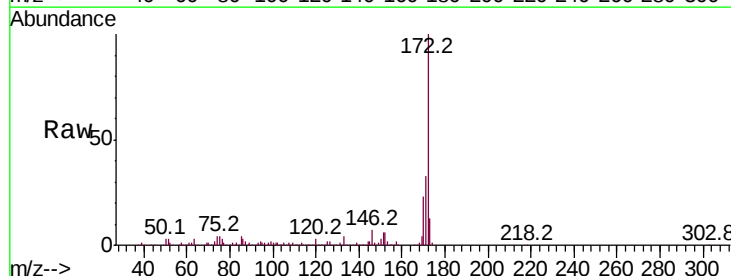
Instrument :
 BNA_G
 ClientSampled :

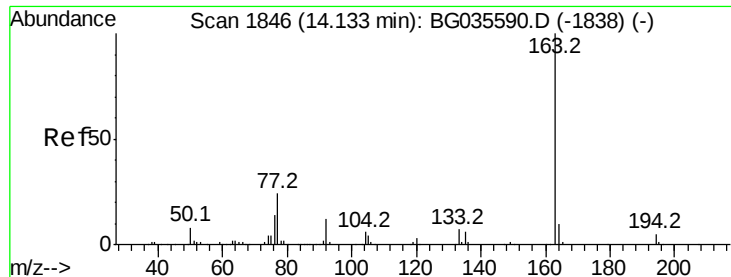
Tot Ion	Ratio	Lower	Upper
162	100		
127	0.0	30.7	46.1#
164	0.0	26.0	39.0#



#47
 2-Nitroaniline
 Concen: 0.442 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.47 min
 Lab File: BG036181.D
 Acq: 8 Aug 2018 3:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	209.6	54.6	82.0#
138	34.6	72.9	109.3#





#49

Dimethylphthalate

Concen: 0.013 ng

RT: 14.23 min Scan# 1863

Delta R.T. 0.13 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

Instrument :

BNA_G

ClientSampled :

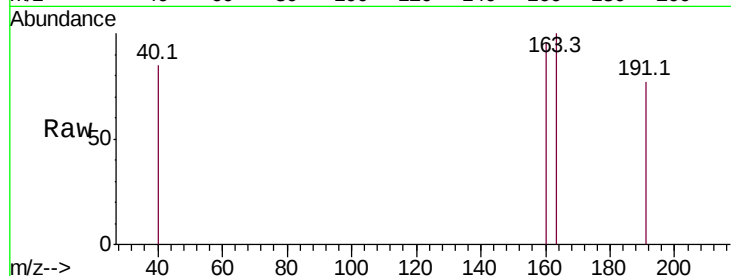
Tot Ion:163 Resp: 71

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

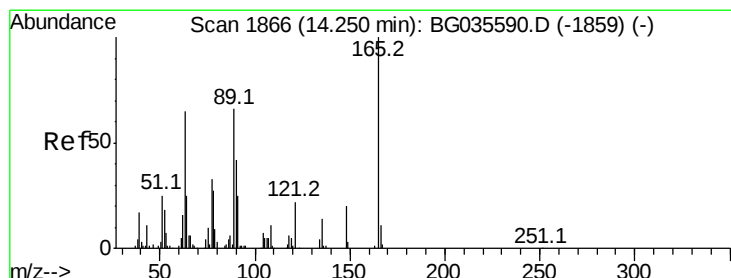
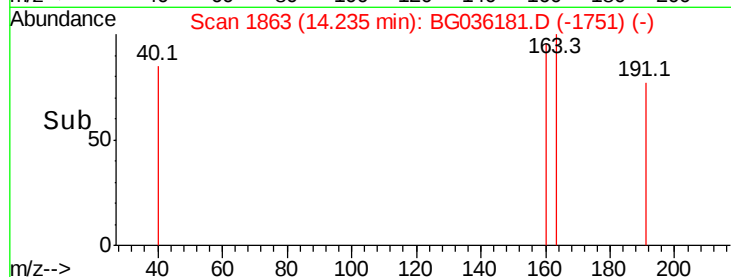
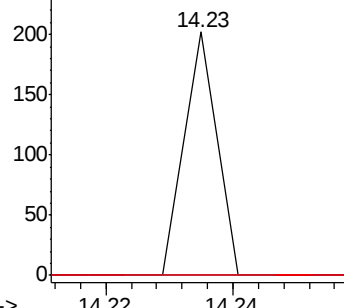
164 0.0 8.2 12.4#



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: 8.560 ng

RT: 14.63 min Scan# 1931

Delta R.T. 0.41 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

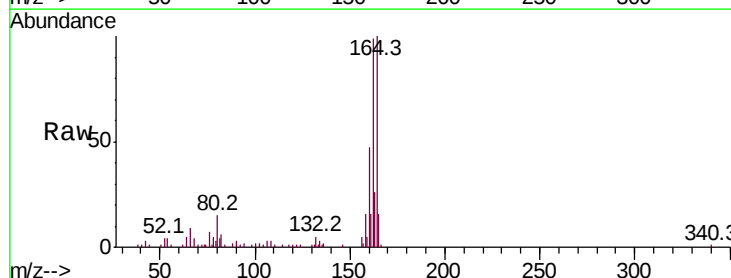
Tgt Ion:165 Resp: 9295

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

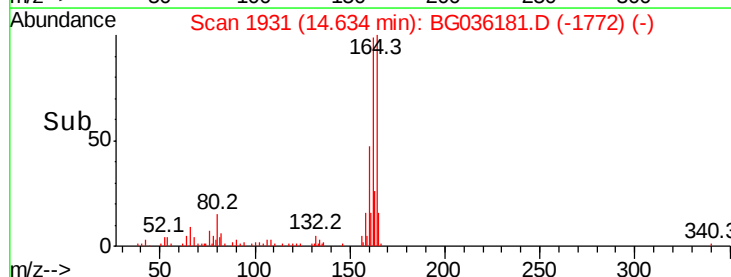
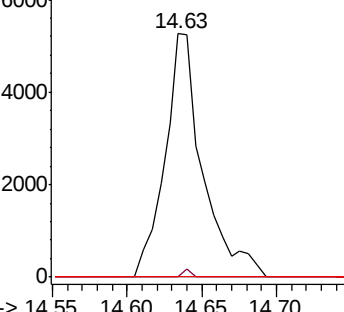
89 0.0 49.2 73.8#

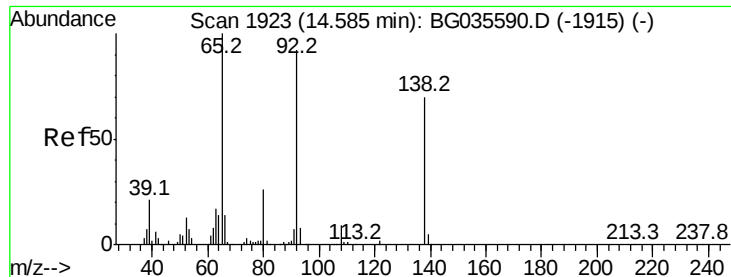


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

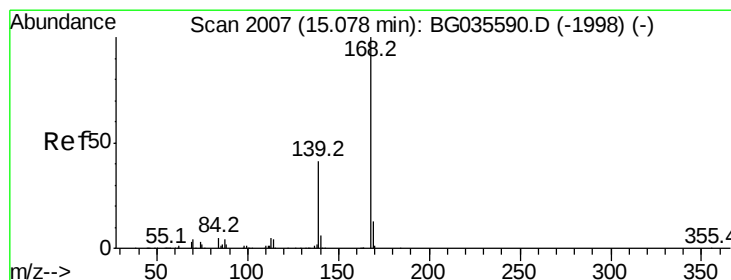
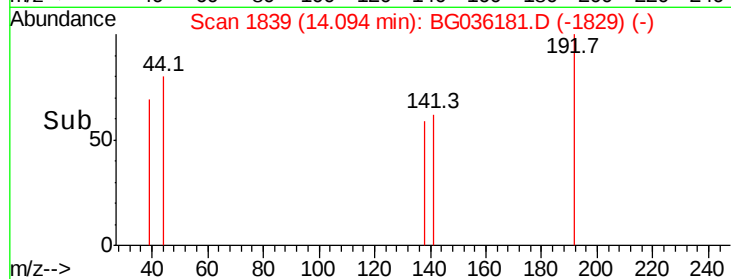
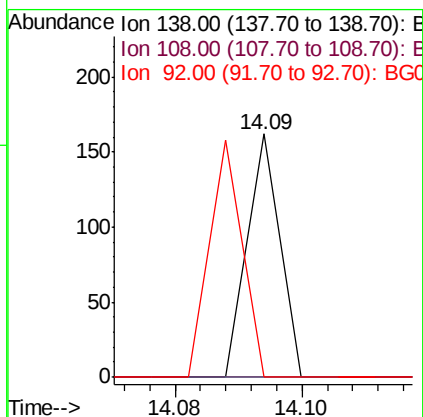
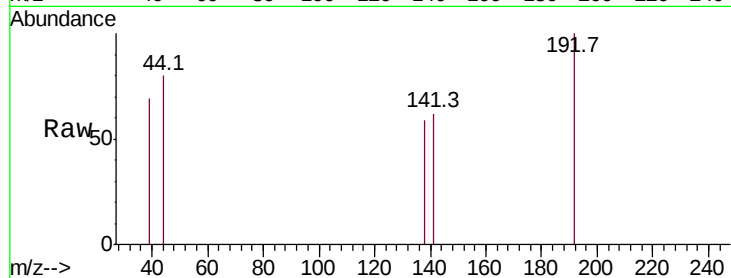




#52
3-Nitroaniline
Concen: 0.051 ng
RT: 14.09 min Scan# 1839
Delta R.T. -0.47 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

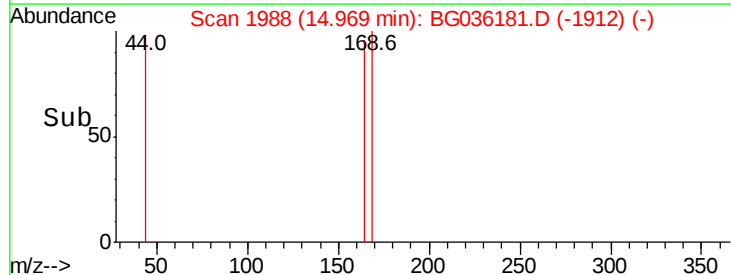
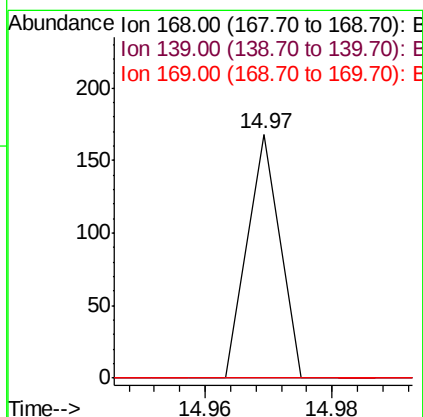
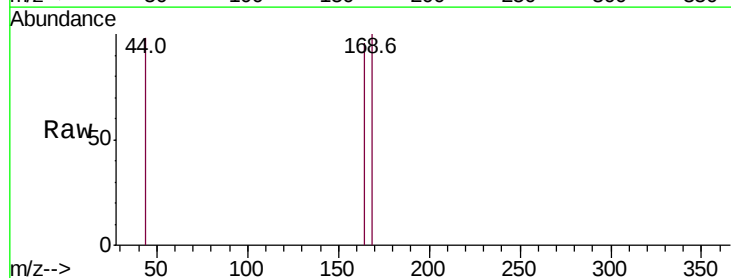
Instrument :
BNA_G
ClientSampleId :

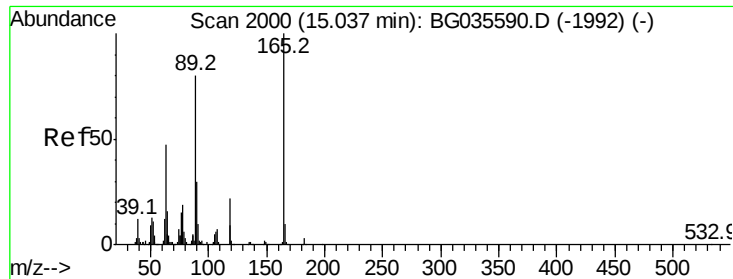
Tot Ion:138 Resp: 57
Ion Ratio Lower Upper
138 100
108 0.0 17.5 26.3#
92 0.0 105.8 158.8#



#54
Dibenzofuran
Concen: 0.010 ng
RT: 14.97 min Scan# 1988
Delta R.T. -0.08 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

Tgt Ion:168 Resp: 59
Ion Ratio Lower Upper
168 100
139 0.0 28.6 43.0#
169 0.0 11.2 16.8#

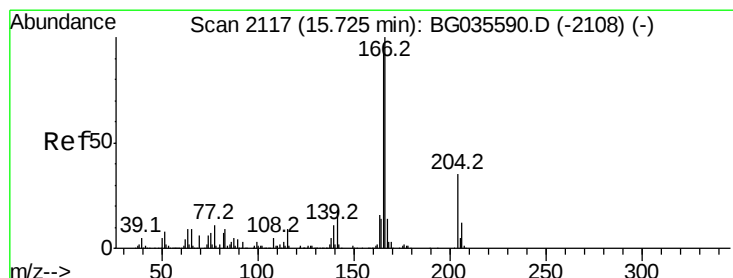
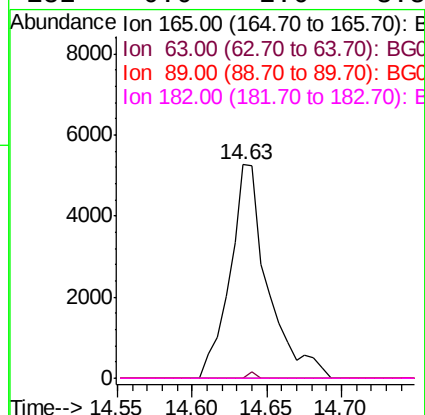
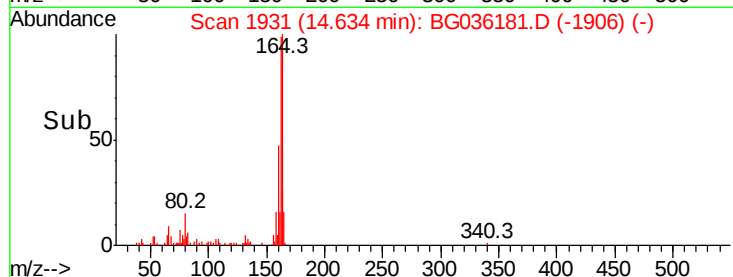
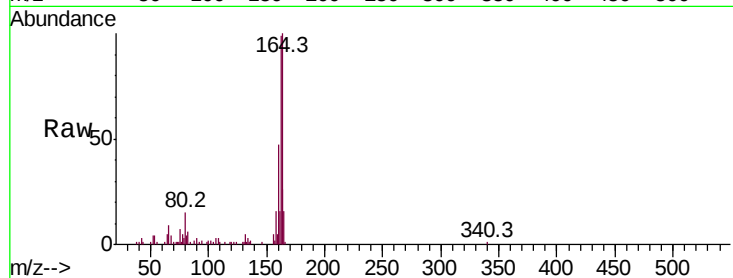




#56
2,4-Dinitrotoluene
Concen: 5.967 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.38 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

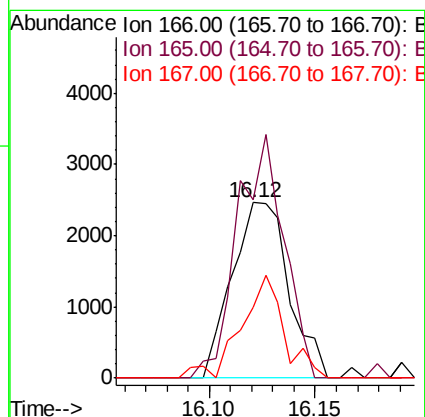
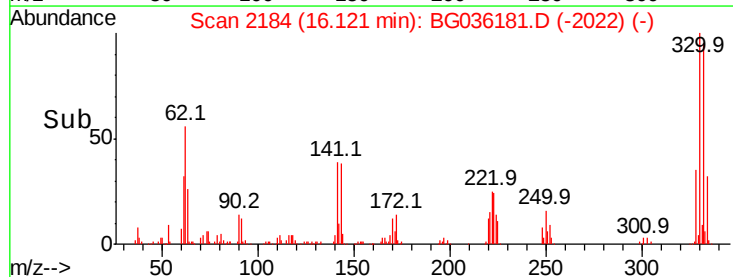
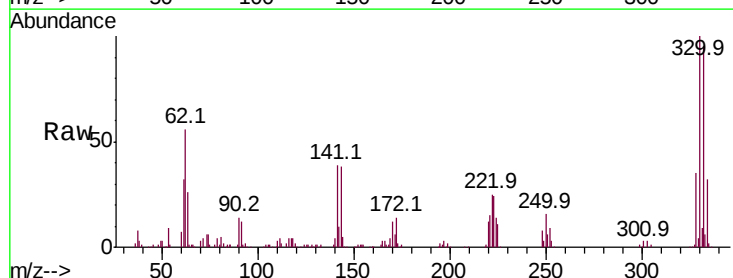
Instrument :
BNA_G
ClientSampleId :

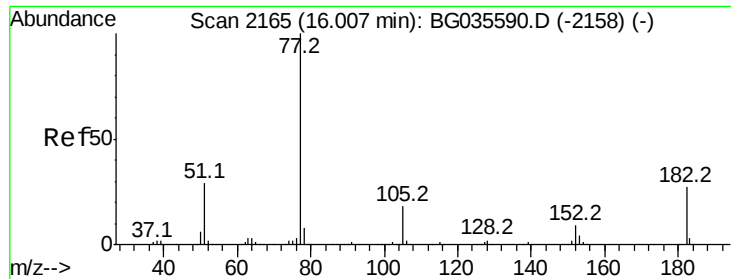
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#57
Fluorene
Concen: 0.902 ng
RT: 16.12 min Scan# 2184
Delta R.T. 0.42 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.5	80.6	121.0
167	40.3	10.4	15.6#

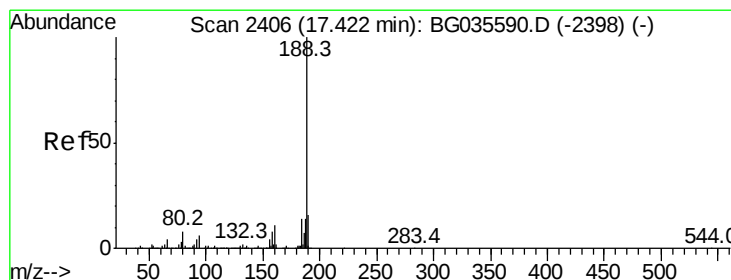
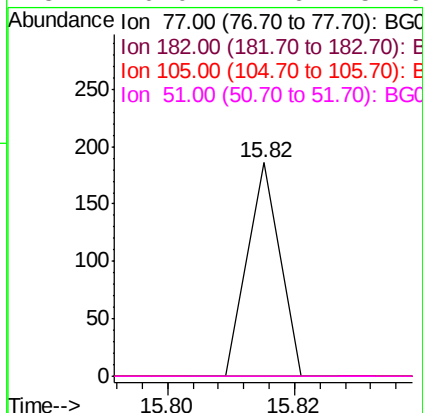
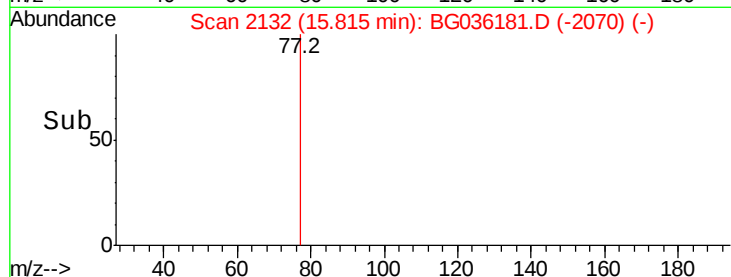
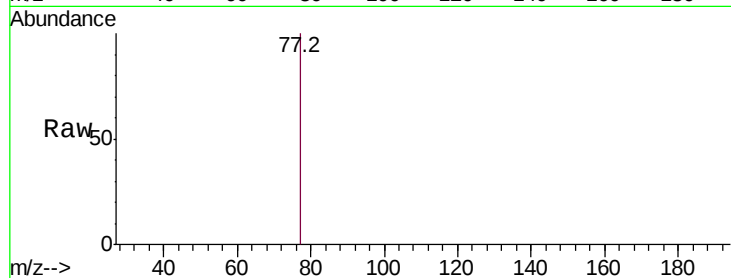




#62
Azobenzene
Concen: 0.012 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.16 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

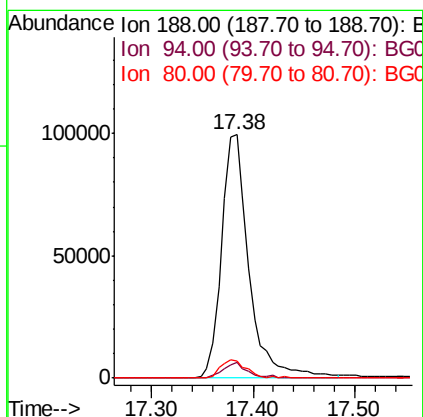
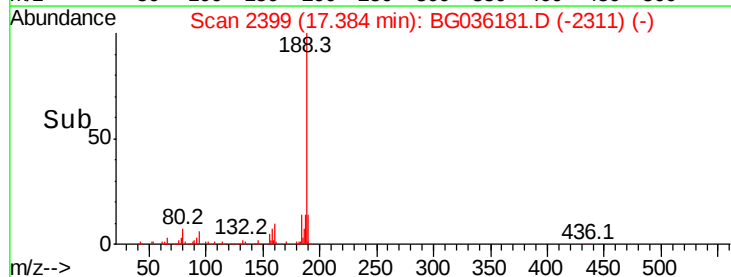
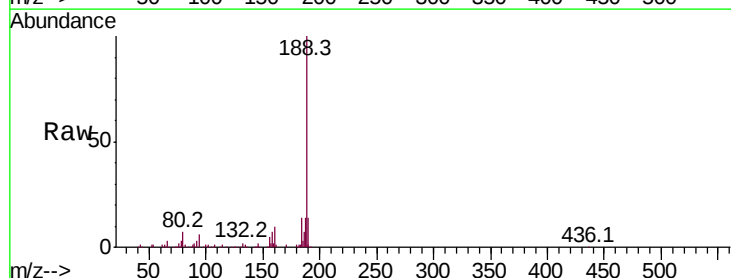
Instrument :
BNA_G
ClientSampleId :

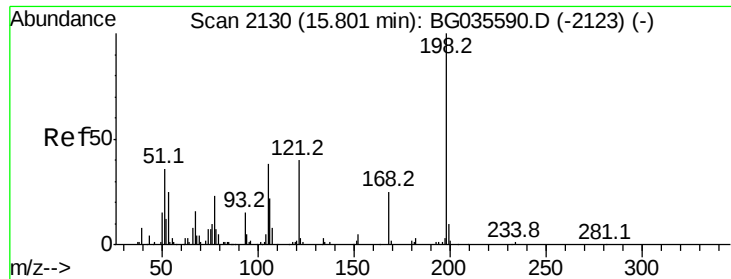
Tot Ion: 77 Resp: 66
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 0.0 0.3 40.3#
51 0.0 11.6 51.6#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

Tgt Ion: 188 Resp: 186778
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 6.9 7.7 11.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 0.452 ng

RT: 16.12 min Scan# 2184

Delta R.T. 0.34 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

Instrument :

BNA_G

ClientSampleId :

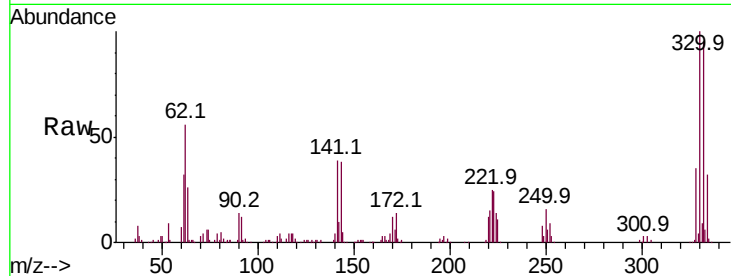
Tot Ion:198 Resp: 470

Ion Ratio Lower Upper

198 100

51 89.4 30.6 70.6#

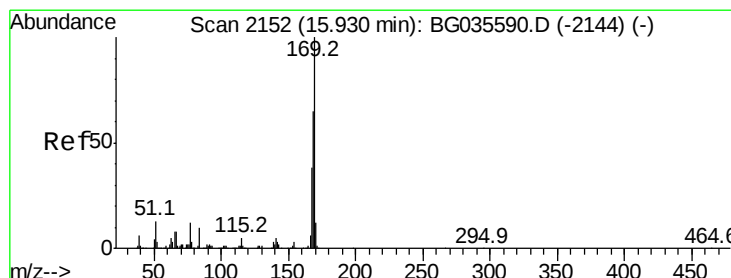
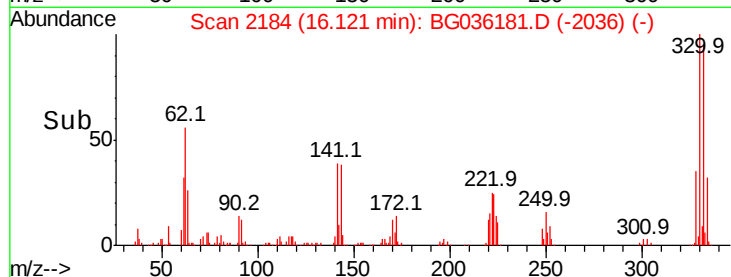
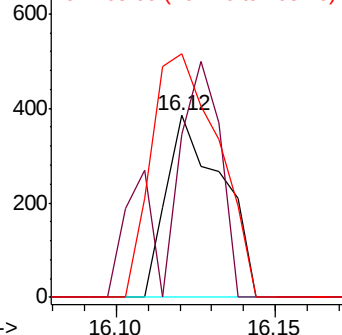
105 133.8 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 1.224 ng

RT: 16.12 min Scan# 2184

Delta R.T. 0.22 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

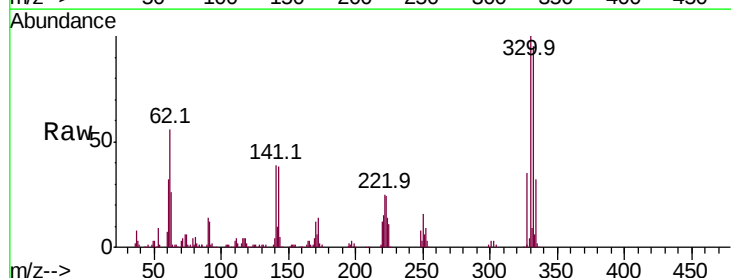
Tgt Ion:169 Resp: 6505

Ion Ratio Lower Upper

169 100

168 16.7 55.7 83.5#

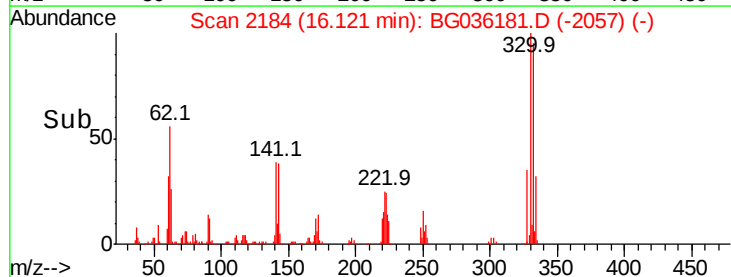
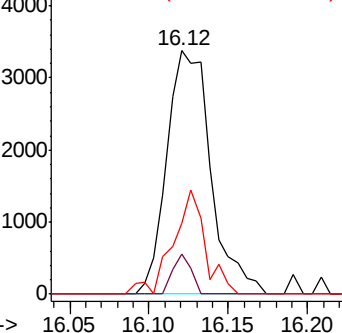
167 29.4 30.1 45.1#

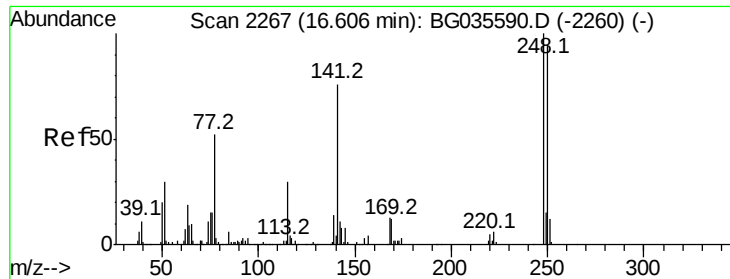


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

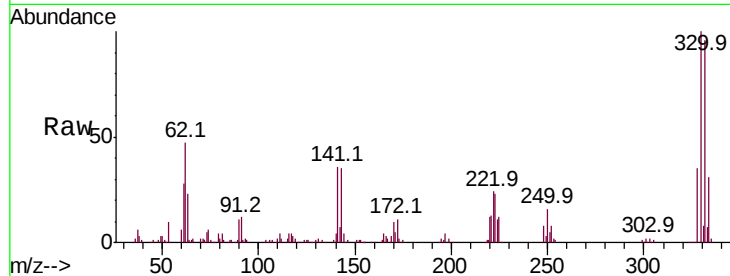




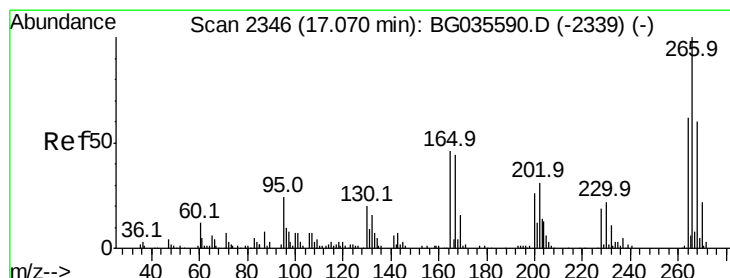
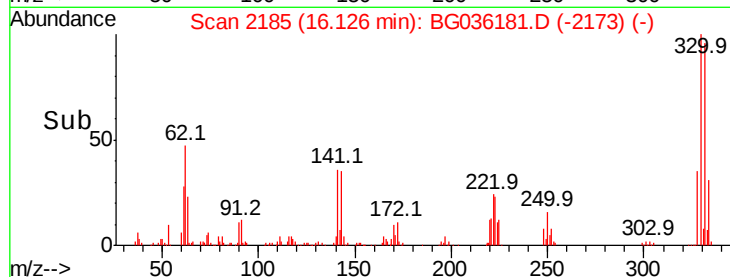
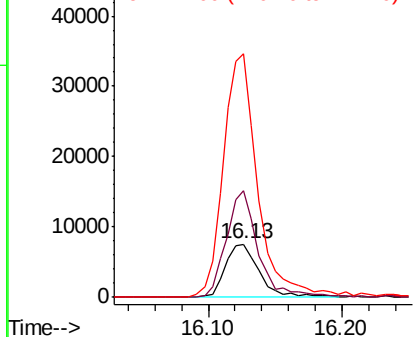
#66
4-Bromophenyl-phenylether
Concen: 6.212 ng
RT: 16.13 min Scan# 2185
Delta R.T. -0.46 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 13462
Ion Ratio Lower Upper
248 100
250 198.9 77.1 115.7#
141 455.6 50.8 76.2#

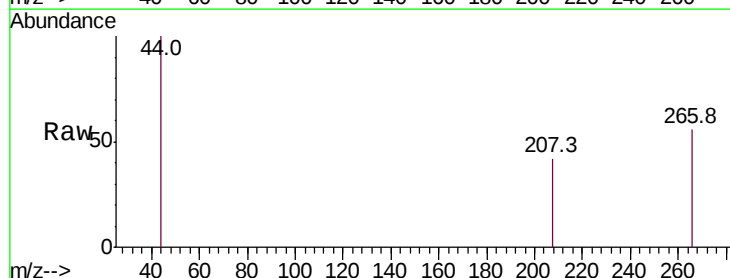


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

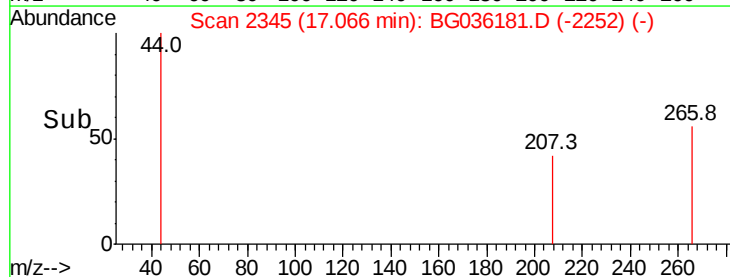
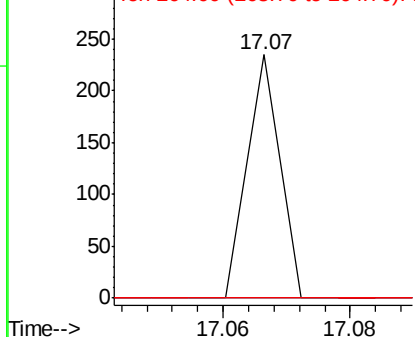


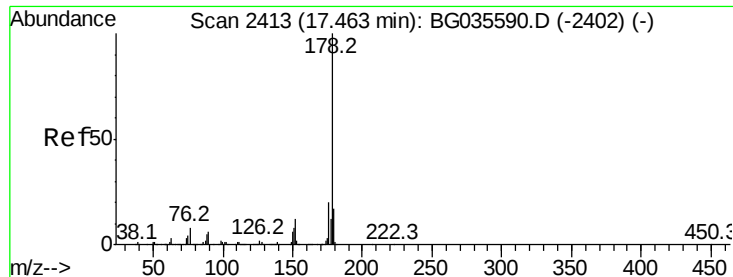
#69
Pentachlorophenol
Concen: 0.061 ng
RT: 17.07 min Scan# 2345
Delta R.T. 0.02 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

Tgt Ion:266 Resp: 83
Ion Ratio Lower Upper
266 100
268 0.0 51.1 76.7#
264 0.0 49.6 74.4#



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

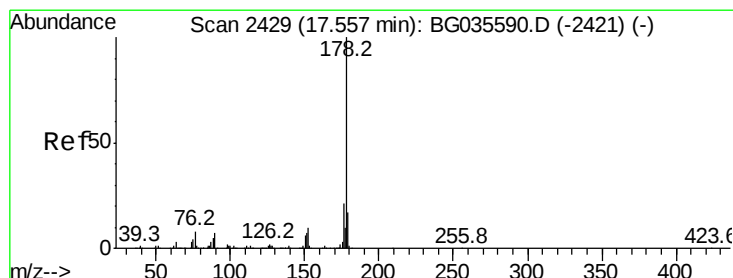
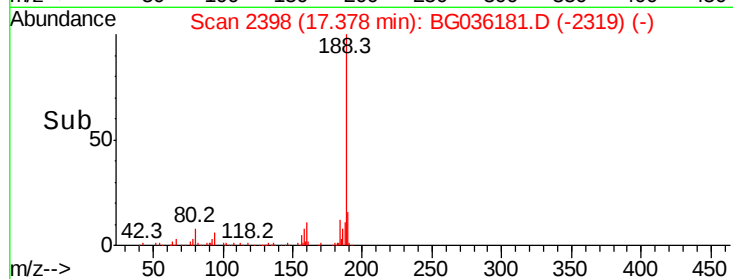
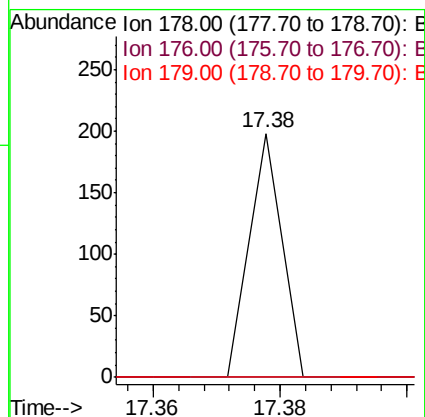
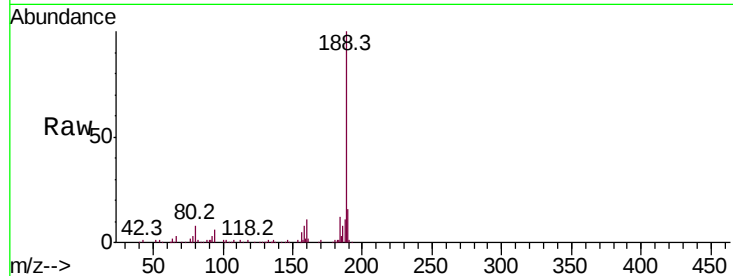




#70
Phenanthrene
Concen: 0.008 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.06 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

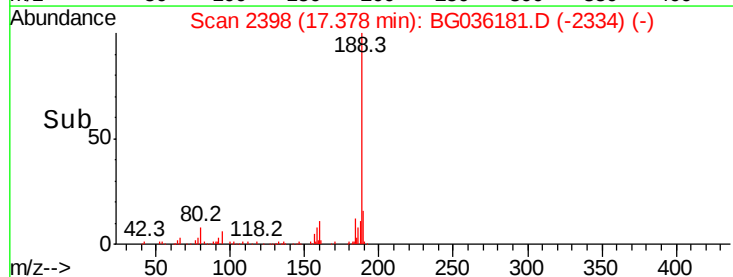
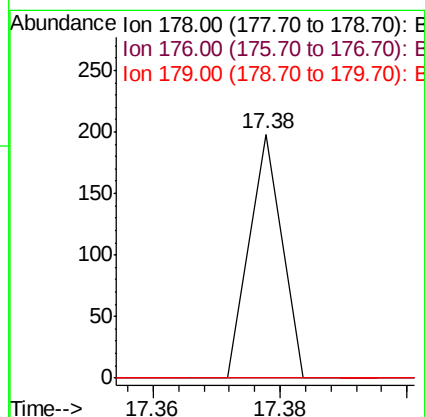
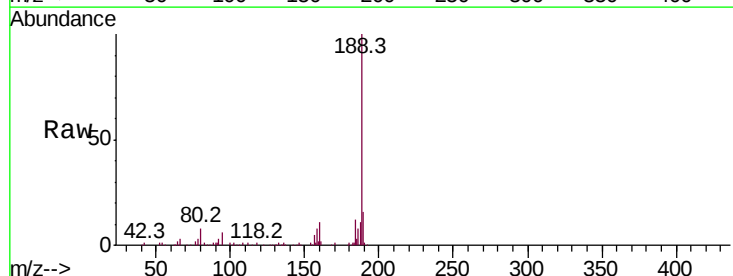
Instrument :
BNA_G
ClientSampled :

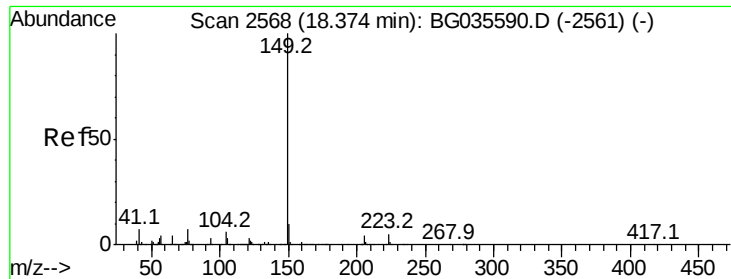
Tot Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.7	23.5#
179	0.0	12.5	18.7#



#71
Anthracene
Concen: 0.008 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.15 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.0	24.0#
179	0.0	12.5	18.7#

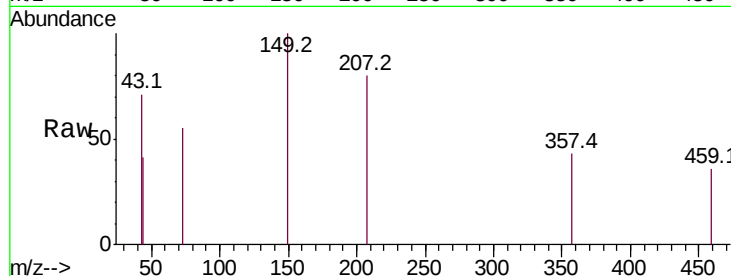




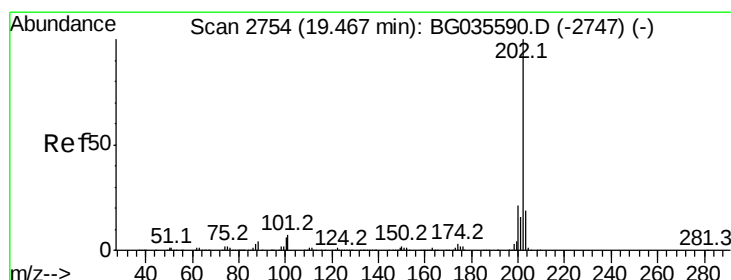
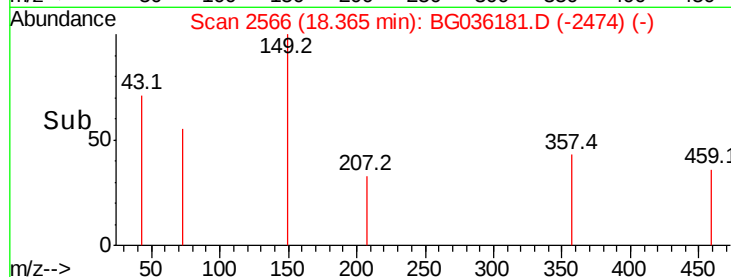
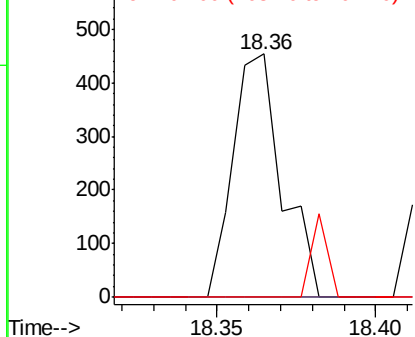
#73
Di-n-butylphthalate
Concen: 0.046 ng
RT: 18.36 min Scan# 2566
Delta R.T. 0.01 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 484
Ion Ratio Lower Upper
149 100
150 0.0 7.8 11.6#
104 0.0 3.9 5.9#

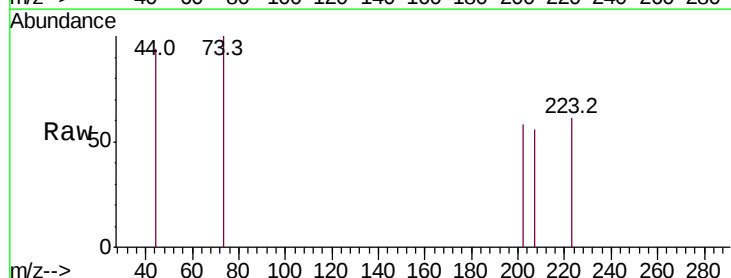


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

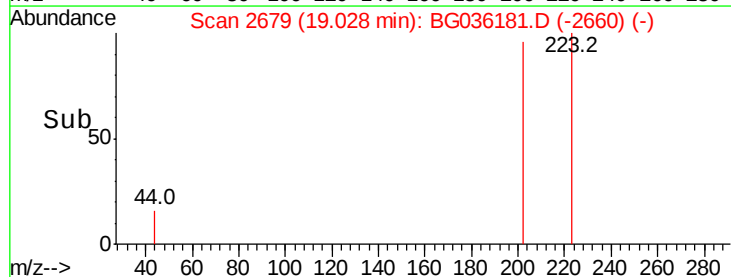
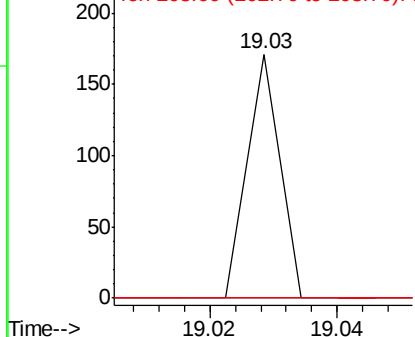


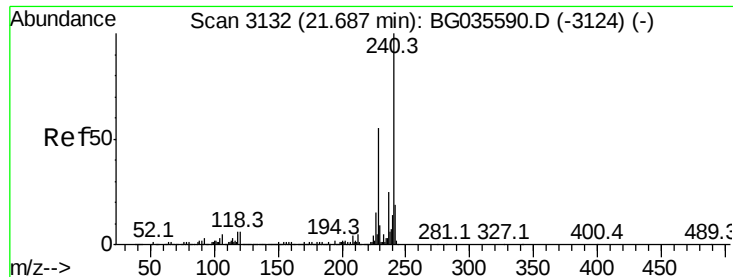
#74
Fluoranthene
Concen: 0.005 ng
RT: 19.03 min Scan# 2679
Delta R.T. -0.42 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

Tgt Ion:202 Resp: 60
Ion Ratio Lower Upper
202 100
101 0.0 0.0 28.9
203 0.0 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

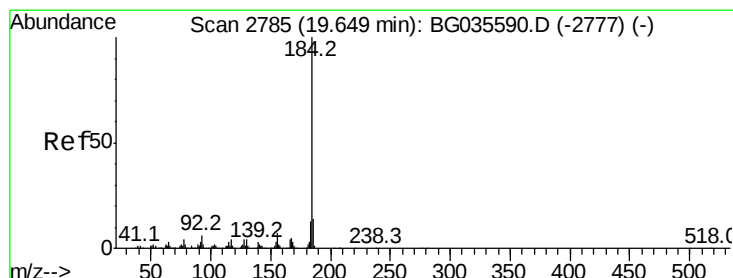
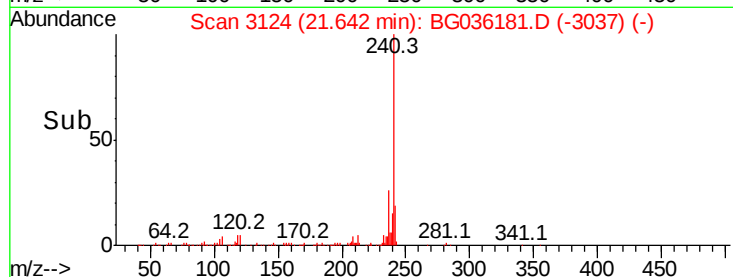
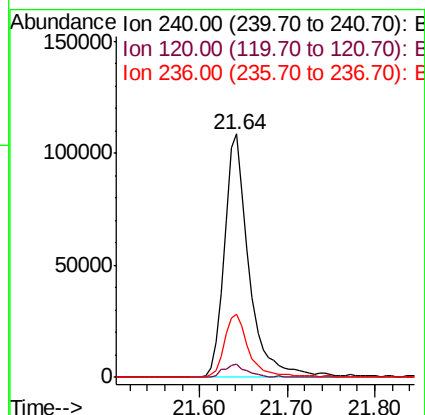
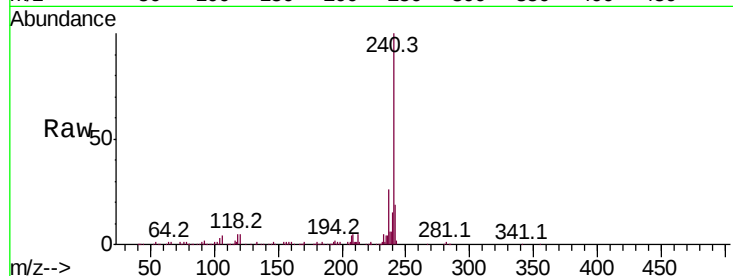




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

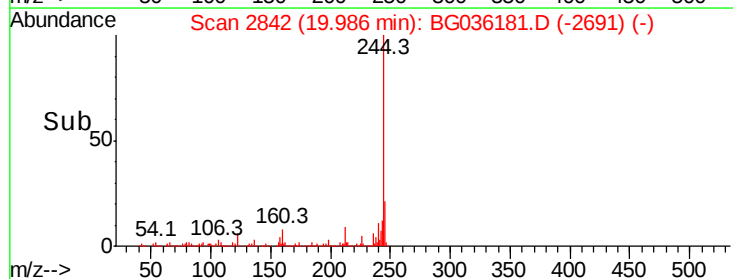
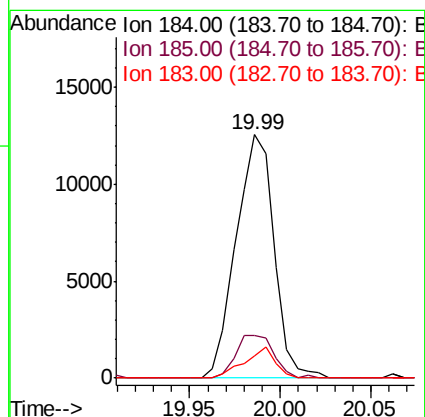
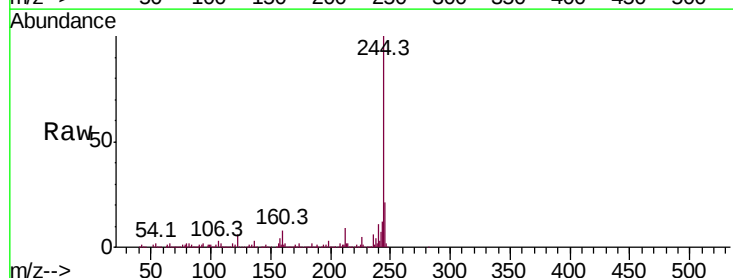
Instrument :
BNA_G
ClientSampleId :

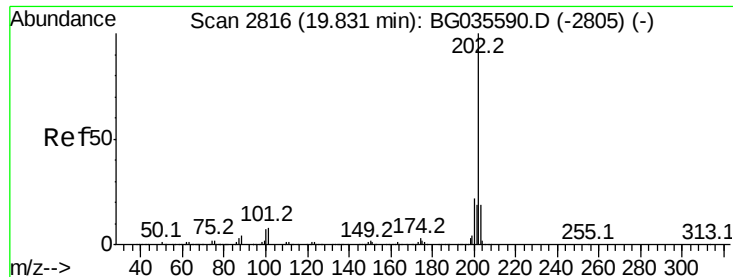
Tot Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	25.8	20.9	31.3



#76
Benzidine
Concen: 3.298 ng
RT: 19.99 min Scan# 2842
Delta R.T. 0.36 min
Lab File: BG036181.D
Acq: 8 Aug 2018 3:34

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.8	11.1	16.7#
183	9.3	10.6	16.0#





#77

Pvrene

Concen: 0.326 ng

RT: 19.99 min Scan# 2842

Delta R.T. 0.18 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

Instrument :

BNA_G

ClientSampleId :

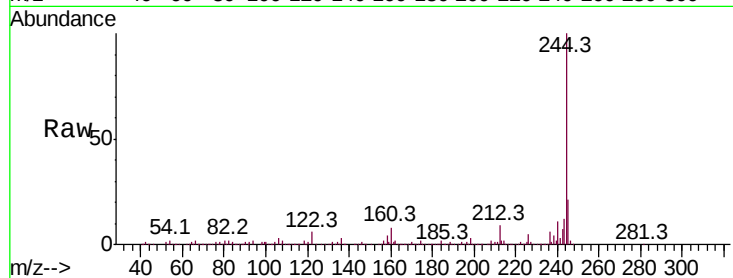
Tot Ion:202 Resp: 4340

Ion Ratio Lower Upper

202 100

200 47.0 16.9 25.3#

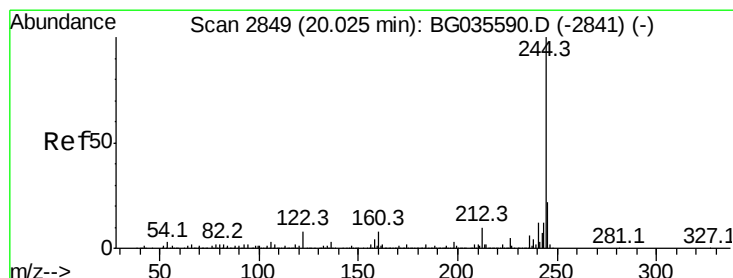
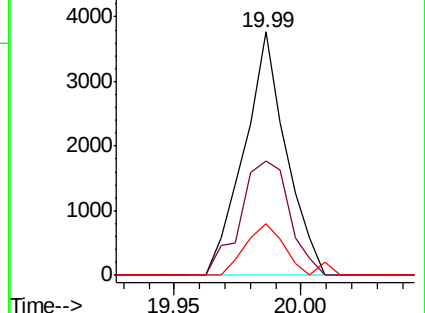
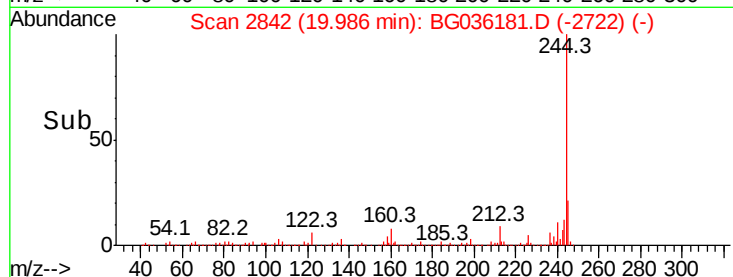
203 21.1 13.9 20.9#



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: 117.061 ng

RT: 19.99 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

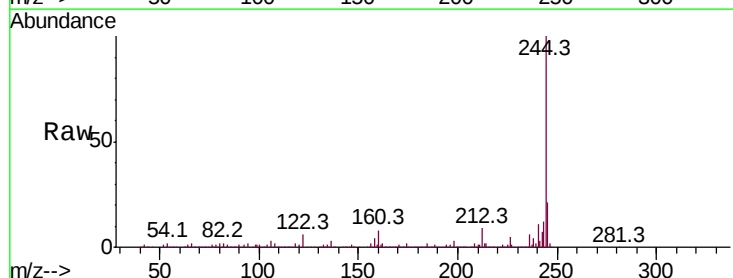
Tgt Ion:244 Resp: 1117105

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

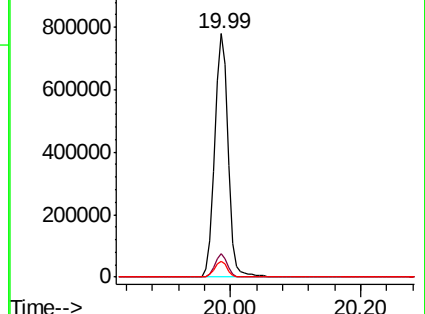
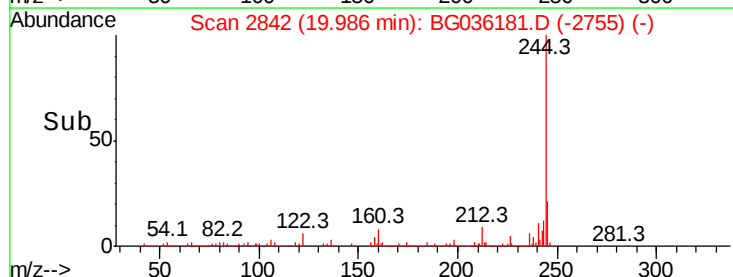
122 6.4 7.0 10.4#

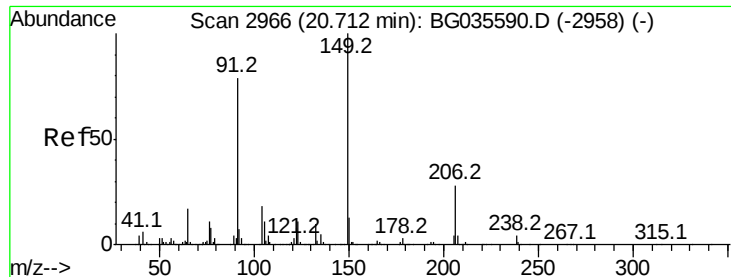


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.028 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.04 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

Instrument :

BNA_G

ClientSampleId :

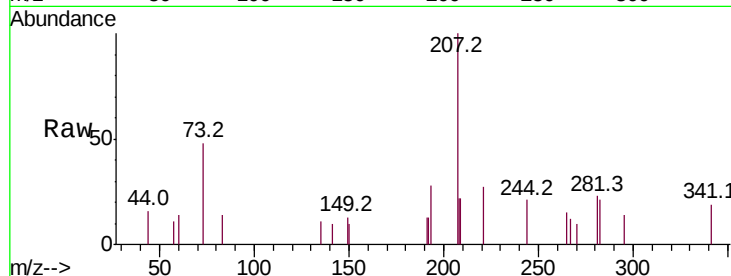
Tot Ion:149 Resp: 132

Ion Ratio Lower Upper

149 100

91 0.0 62.2 93.2#

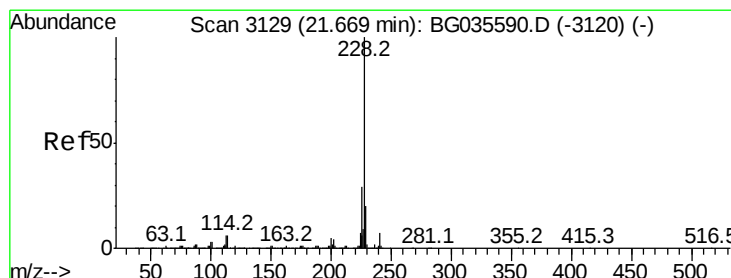
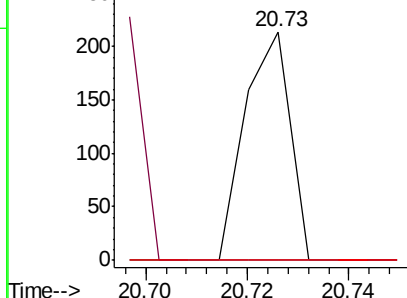
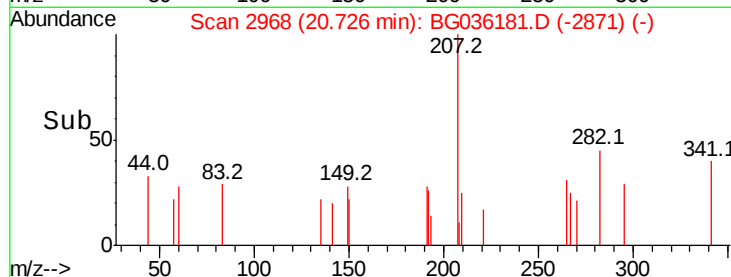
206 0.0 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.054 ng

RT: 21.64 min Scan# 3124

Delta R.T. 0.00 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

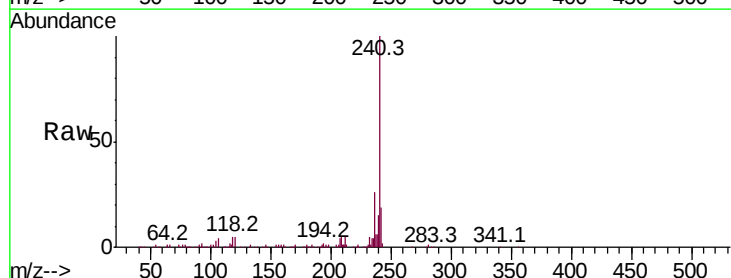
Tgt Ion:228 Resp: 705

Ion Ratio Lower Upper

228 100

226 74.3 22.7 34.1#

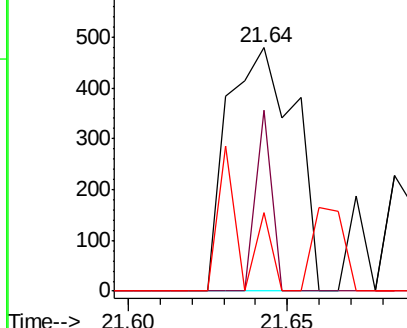
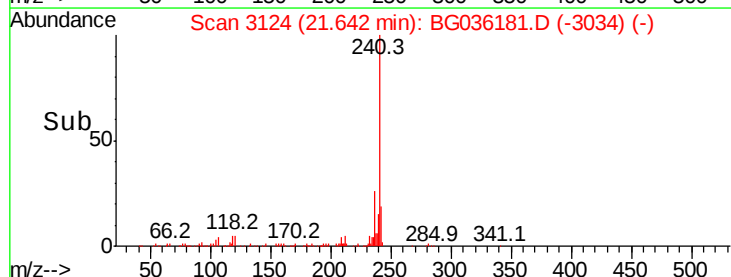
229 32.2 16.2 24.2#

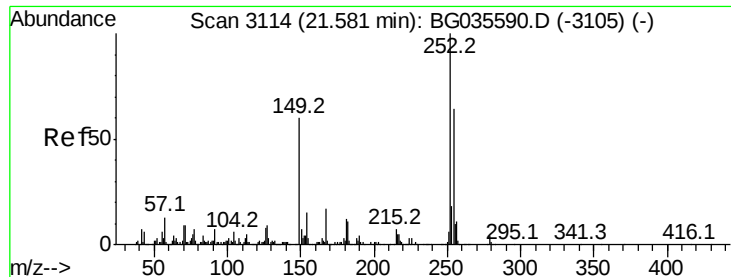


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

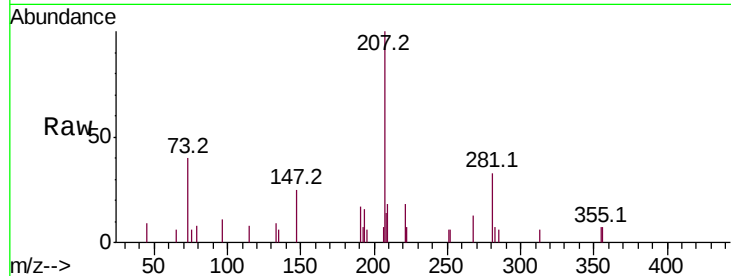




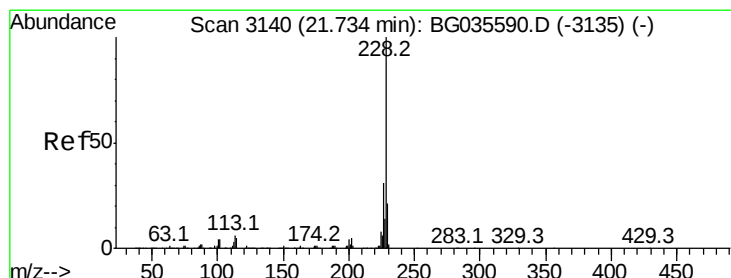
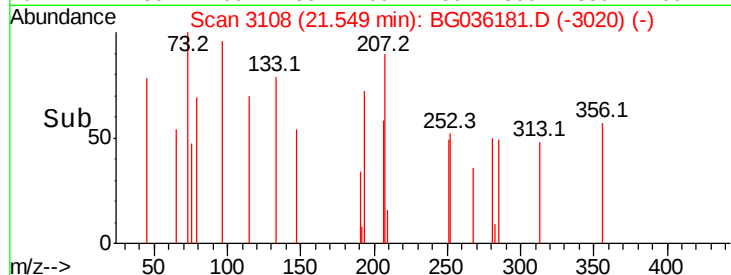
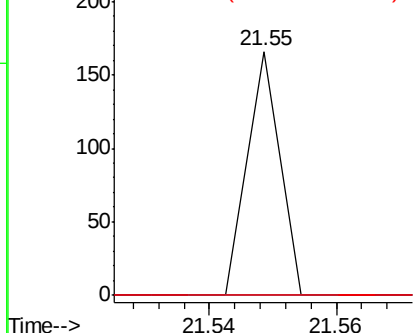
#81
 3,3'-Dichlorobenzidine
 Concen: 0.013 ng
 RT: 21.55 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BG036181.D
 Acq: 8 Aug 2018 3:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:252 Resp: 59
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.8 76.2#
 126 0.0 7.4 11.2#

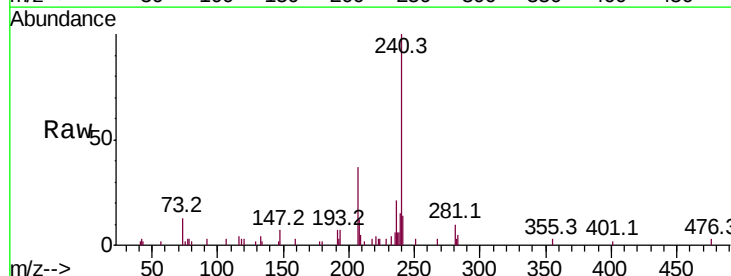


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

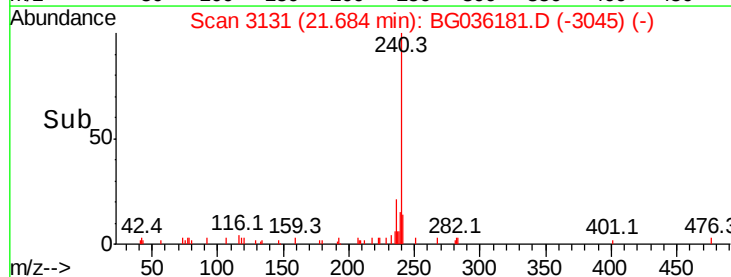
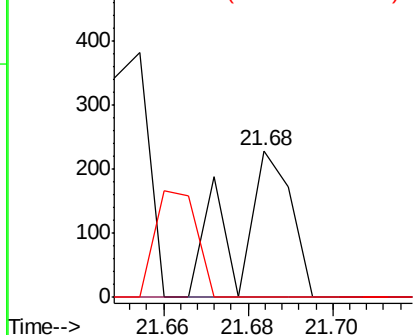


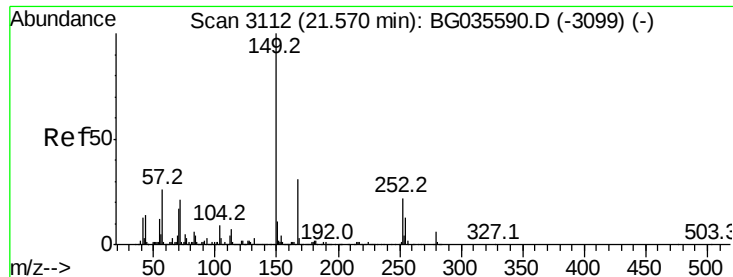
#82
 Chrysene
 Concen: 0.017 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.02 min
 Lab File: BG036181.D
 Acq: 8 Aug 2018 3:34

Tgt Ion:228 Resp: 207
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.9 37.3#
 229 0.0 15.0 22.4#



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

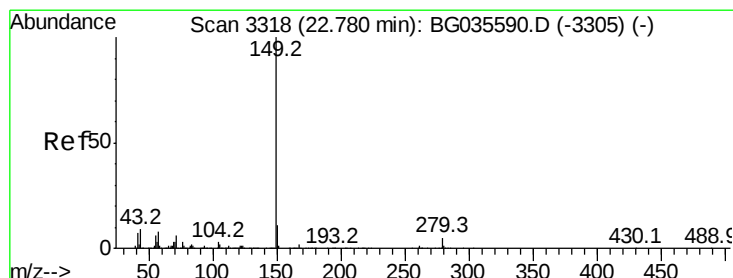
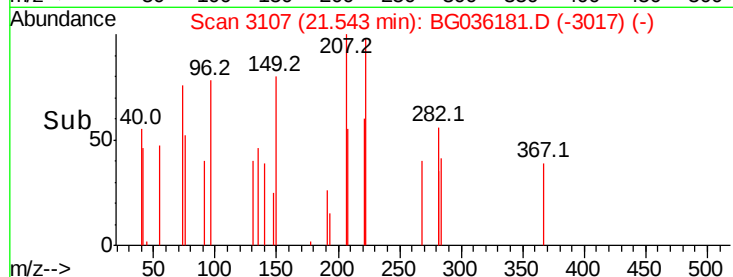
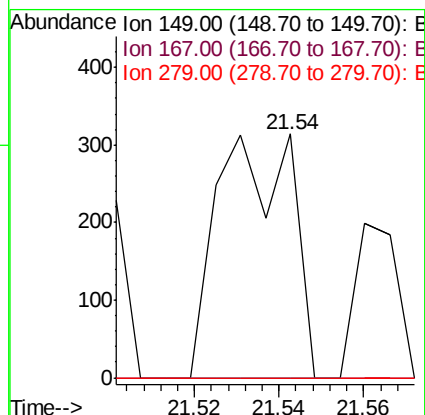
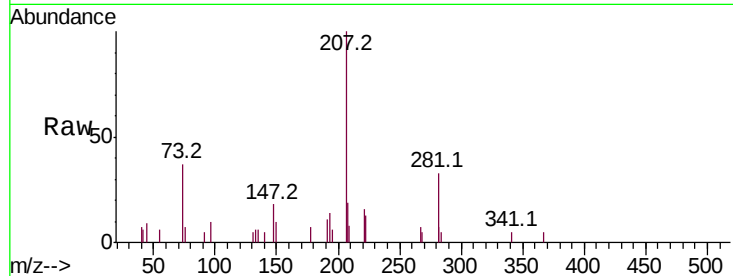




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.059 ng
 RT: 21.54 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: BG036181.D
 Acq: 8 Aug 2018 3:34

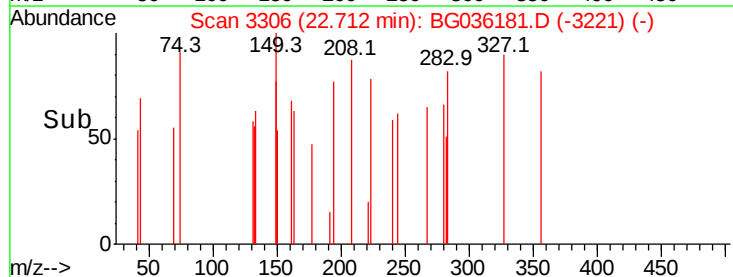
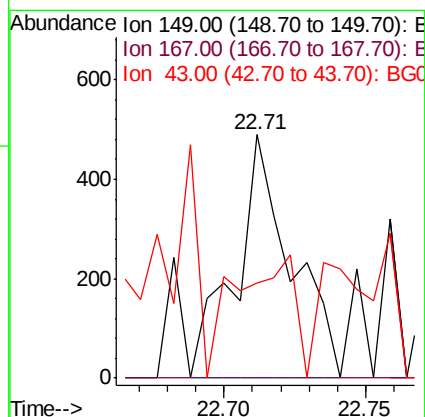
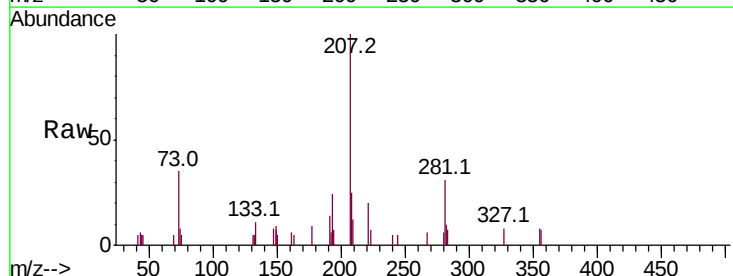
Instrument :
 BNA_G
 ClientSampled :

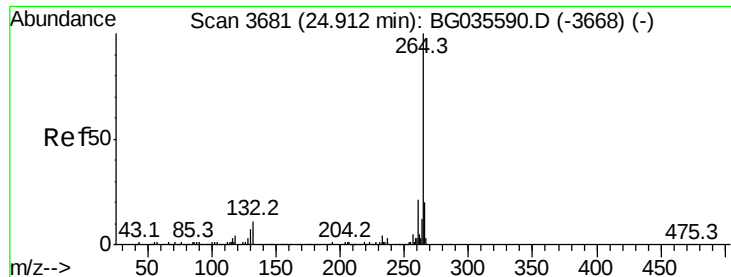
Tot Ion:149 Resp: 381
 Ion Ratio Lower Upper
 149 100
 167 0.0 24.3 36.5#
 279 0.0 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 0.062 ng
 RT: 22.71 min Scan# 3306
 Delta R.T. -0.03 min
 Lab File: BG036181.D
 Acq: 8 Aug 2018 3:34

Tgt Ion:149 Resp: 671
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.0#
 43 33.7 8.9 13.3#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3667

Delta R.T. -0.03 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

Instrument :

BNA_G

ClientSampleId :

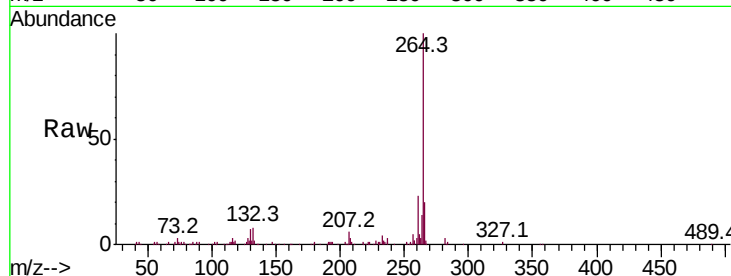
Tot Ion:264 Resp: 196694

Ion Ratio Lower Upper

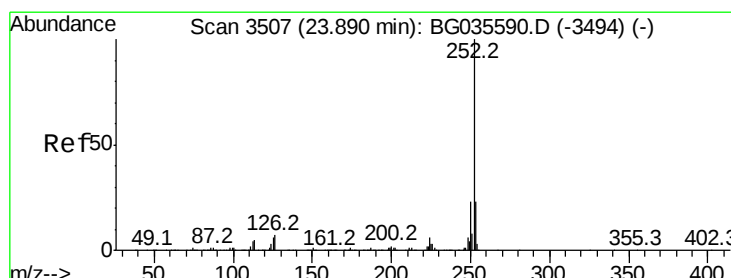
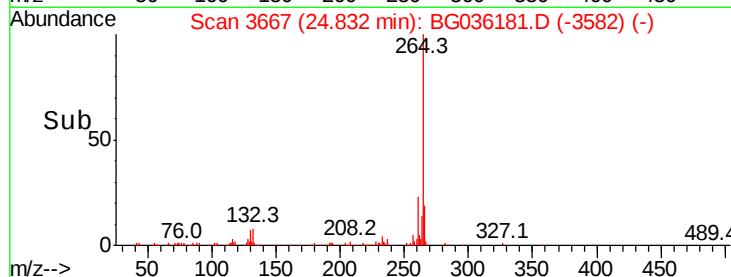
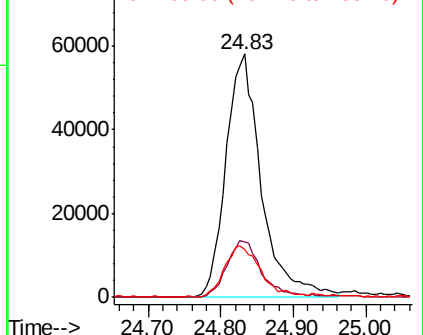
264 100

260 22.9 17.4 26.0

265 19.6 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 0.010 ng

RT: 23.83 min Scan# 3496

Delta R.T. -0.02 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

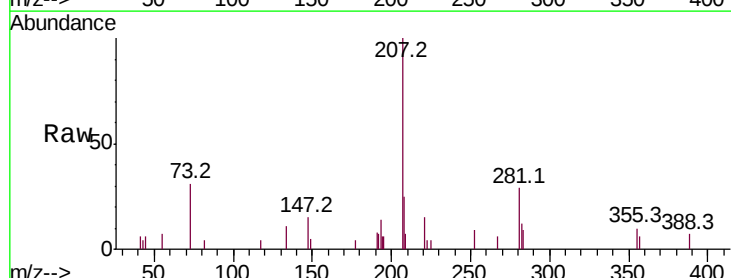
Tgt Ion:252 Resp: 120

Ion Ratio Lower Upper

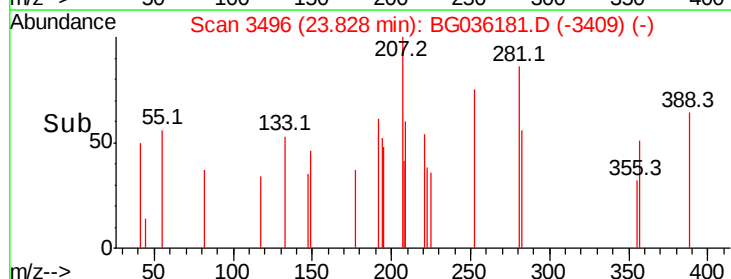
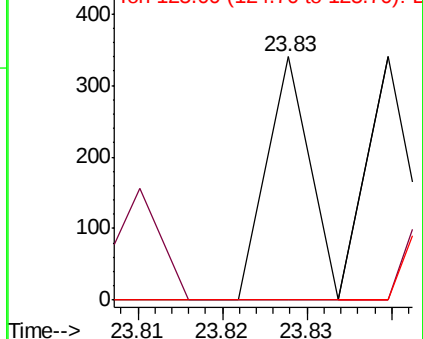
252 100

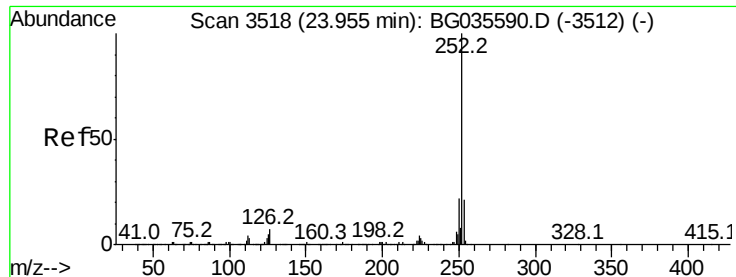
253 0.0 18.2 27.4#

125 0.0 7.2 10.8#



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: 0.017 ng

RT: 23.89 min Scan# 3507

Delta R.T. -0.02 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

Instrument :

BNA_G

ClientSampleId :

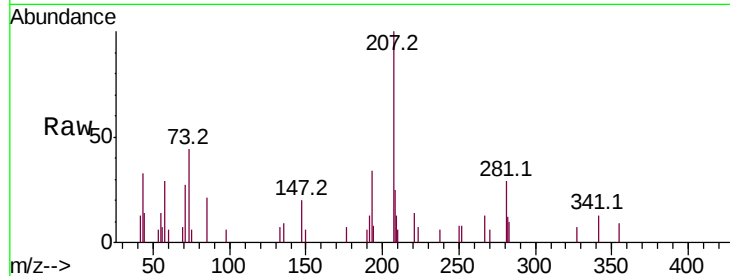
Tot Ion:252 Resp: 199

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

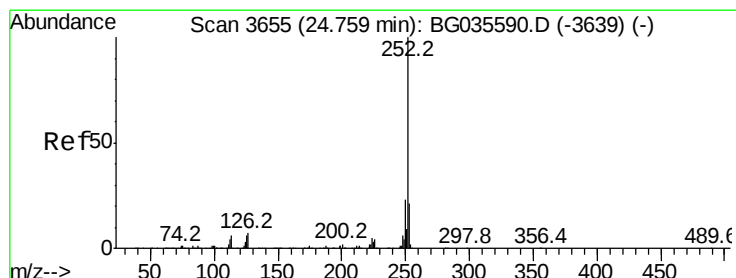
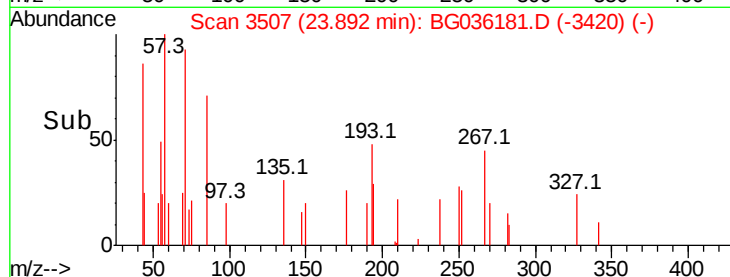
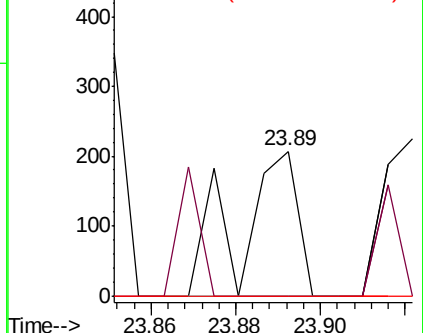
125 0.0 6.6 9.8#



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: 0.014 ng

RT: 24.68 min Scan# 3641

Delta R.T. -0.03 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

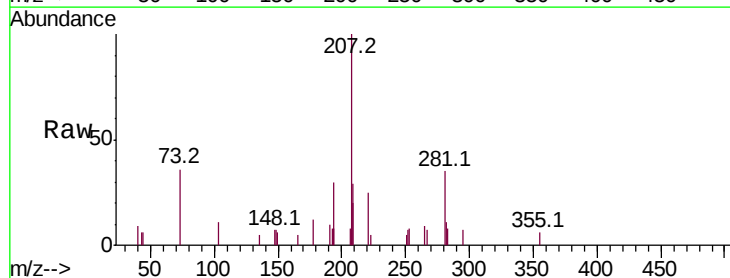
Tgt Ion:252 Resp: 155

Ion Ratio Lower Upper

252 100

253 102.6 18.3 27.5#

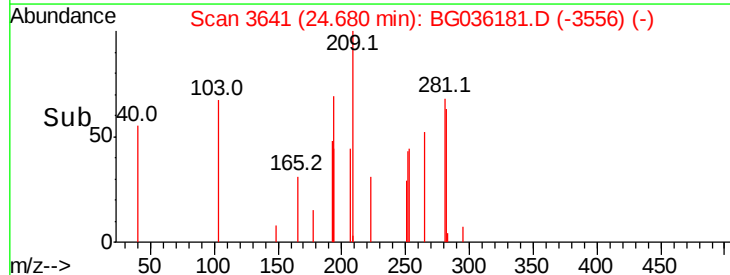
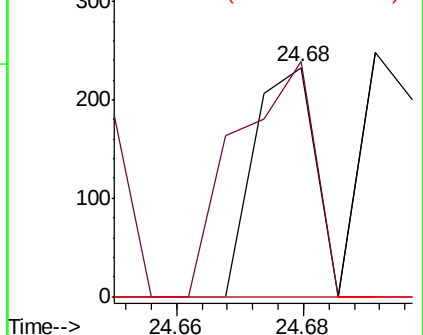
125 0.0 7.3 10.9#

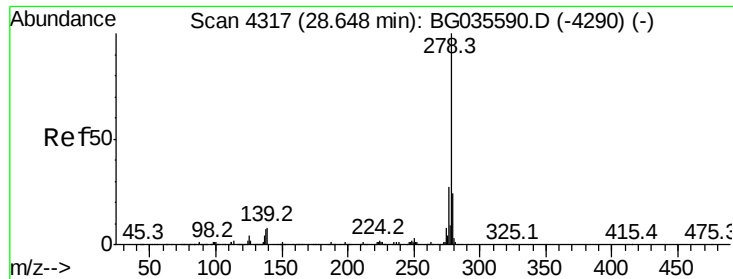


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.005 ng

RT: 28.11 min Scan# 4225

Delta R.T. -0.46 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

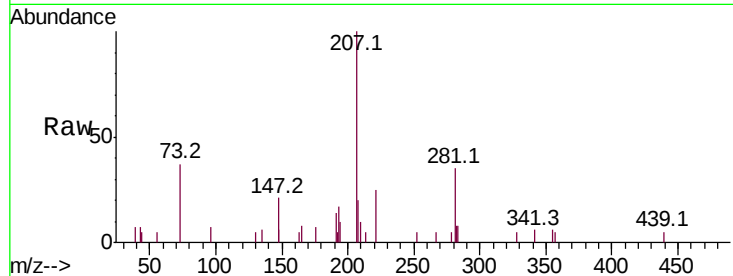
Instrument :

BNA_G

ClientSampled :

Tot Ion:278 Resp: 57

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.8	14.6#
279	0.0	18.4	27.6#



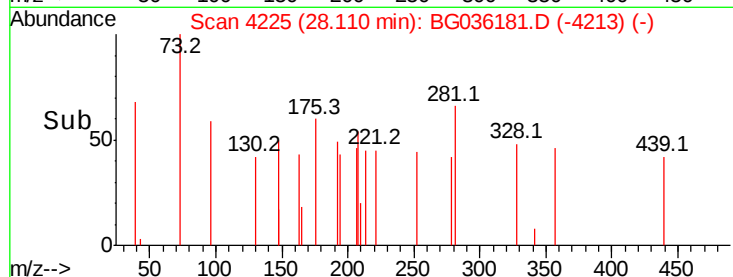
Abundance

Ion 278.00 (277.70 to 278.70): E

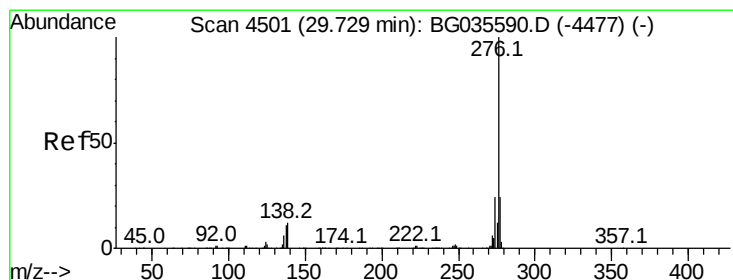
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

28.11



Time-->



#91

Benzo(g,h,i)perylene

Concen: 0.005 ng

RT: 29.61 min Scan# 4481

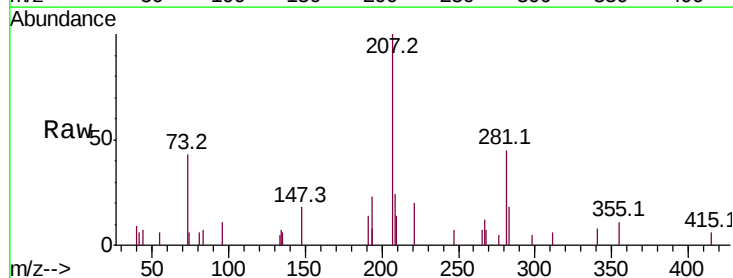
Delta R.T. -0.02 min

Lab File: BG036181.D

Acq: 8 Aug 2018 3:34

Tgt Ion:276 Resp: 55

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.3	27.5#
138	0.0	13.9	20.9#



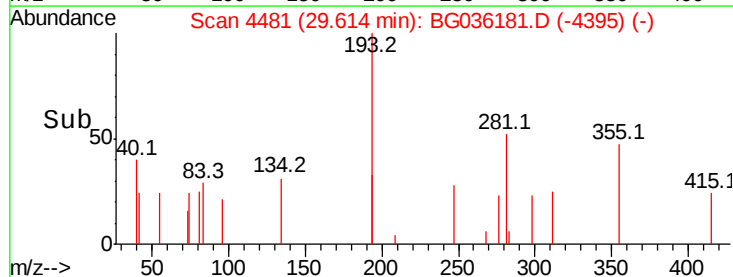
Abundance

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

29.61



Time-->