

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091017\
 Data File : BG028631.D
 Acq On : 10 Sep 2017 1:31
 Operator : SJ/JU
 Sample : I5164-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 07:18:05 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 07 18:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	35162	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	137085	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	96462	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	263640	20.00	ng	0.00
75) Chrysene-d12	22.03	240	324072	20.00	ng	0.00
86) Perylene-d12	25.52	264	313595	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.91	112	119896	57.41	ng	0.00
7) Phenol-d6	7.49	99	96259	31.78	ng	0.00
23) Nitrobenzene-d5	9.50	82	266885	89.40	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	214517	146.32	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	681521	92.43	ng	0.00
78) Terphenyl-d14	20.28	244	1293105	85.97	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.76	88	234	0.274	ng	# 1
3) Pyridine	4.22	79	71	0.027	ng	# 24
4) n-Nitrosodimethylamine	4.14	42	68	0.054	ng	# 1
6) Aniline	7.68	93	59	0.015	ng	# 38
8) 2-Chlorophenol	7.87	128	78	0.033	ng	# 1
9) Benzaldehyde	7.49	77	125	0.070	ng	# 10
10) Phenol	7.52	94	3469	1.057	ng	# 89
11) bis(2-Chloroethyl)ether	7.68	93	59	0.024	ng	# 11
13) 1,4-Dichlorobenzene	8.63	146	66	0.024	ng	# 23
14) 1,2-Dichlorobenzene	8.69	146	57	0.021	ng	# 1
15) Benzyl Alcohol	8.66	79	4899	2.040	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	8.88	45	53	0.011	ng	# 74
19) n-Nitroso-di-n-propylamine	9.39	70	55	0.023	ng	# 29
22) Acetophenone	8.95	105	62	0.016	ng	# 41
24) Nitrobenzene	9.50	77	854	0.271	ng	# 51
25) Isophorone	10.08	82	61	0.011	ng	# 67
29) 2,4-Dichlorophenol	10.51	162	71	0.031	ng	# 25
30) 1,2,4-Trichlorobenzene	11.24	180	53	0.019	ng	# 12
31) Naphthalene	11.09	128	61	0.008	ng	# 67
32) Benzoic acid	10.58	122	63	0.042	ng	# 1
33) 4-Chloroaniline	11.27	127	62	0.020	ng	# 40
45) 1,1'-Biphenyl	13.78	154	787	0.097	ng	# 75
46) 2-Chloronaphthalene	14.06	162	59	0.010	ng	# 38
49) Dimethylphthalate	14.38	163	12230	1.539	ng	# 96
50) 2,6-Dinitrotoluene	14.38	165	59	0.034	ng	# 11
51) Acenaphthene	14.94	154	206	0.036	ng	# 6
52) 3-Nitroaniline	14.74	138	68	0.039	ng	# 1
54) Dibenzofuran	15.35	168	60	0.007	ng	# 40
57) Fluorene	15.98	166	55	0.007	ng	# 9
59) Diethylphthalate	15.73	149	637	0.076	ng	# 56
62) Azobenzene	16.16	77	80	0.011	ng	# 47
65) n-Nitrosodiphenylamine	16.44	169	7790	1.001	ng	# 37
67) Hexachlorobenzene	17.00	284	62	0.016	ng	# 38
68) Atrazine	17.39	200	75	0.027	ng	# 36

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091017\
 Data File : BG028631.D
 Acq On : 10 Sep 2017 1:31
 Operator : SJ/JU
 Sample : I5164-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

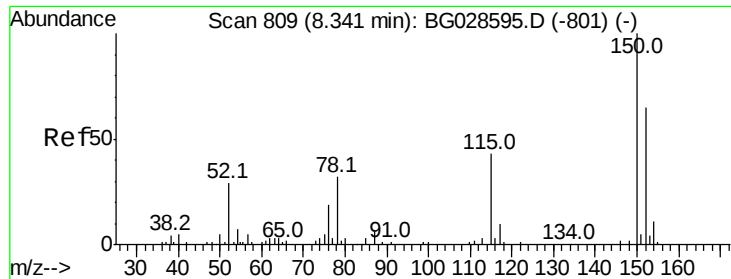
Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 07:18:05 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
 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)

70) Phenanthrene	17.73	178	293	0.021	nq	# 56
71) Anthracene	17.83	178	227	0.016	nq	# 58
72) Carbazole	18.12	167	140	0.011	nq	# 55
73) Di-n-butylphthalate	18.62	149	1473	0.095	nq	# 73
74) Fluoranthene	19.75	202	263	0.015	nq	# 1
76) Benzidine	19.94	184	81	0.012	nq	# 64
77) Pyrene	20.11	202	487	0.025	nq	# 45
79) Butylbenzylphthalate	20.97	149	265	0.036	nq	# 23
80) Benzo(a)anthracene	22.01	228	797	0.041	nq	# 47
81) 3,3'-Dichlorobenzidine	21.93	252	285	0.038	nq	# 24
82) Chrysene	22.08	228	308	0.017	nq	# 35
83) Bis(2-ethylhexyl)phthalate	21.86	149	1367	0.128	nq	# 27
84) Di-n-octyl phthalate	23.15	149	100	0.005	nq	# 1
85) Indeno(1,2,3-cd)pyrene	29.57	276	119	0.005	nq	# 65
87) Benzo(b)fluoranthene	24.41	252	77	0.004	nq	# 58
88) Benzo(k)fluoranthene	24.47	252	223	0.012	nq	# 56
89) Benzo(a)pyrene	25.36	252	144	0.008	nq	# 58
90) Dibenzo(a,h)anthracene	29.64	278	132	0.007	nq	# 58
91) Benzo(g,h,i)perylene	30.84	276	222	0.012	nq	# 59

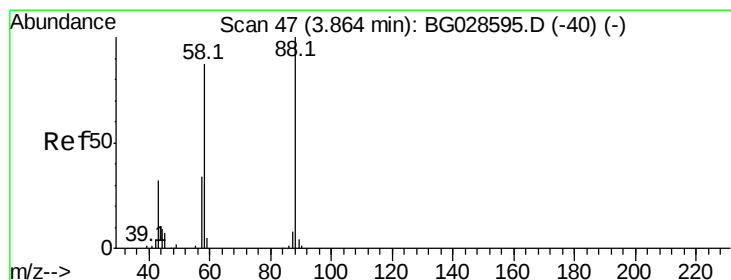
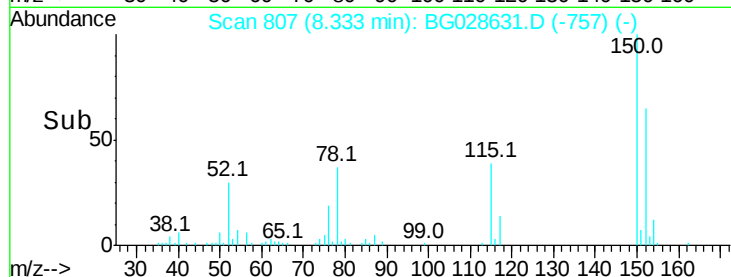
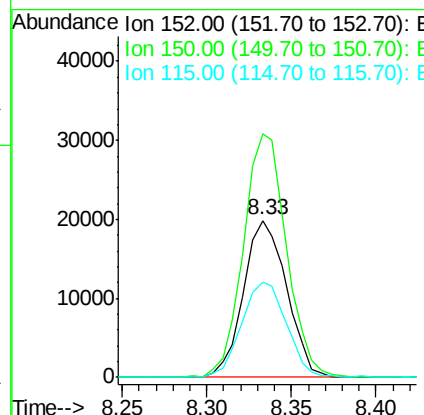
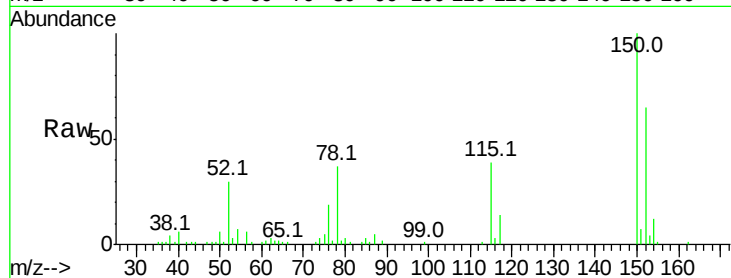
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.33 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BG028631.D
 Acq: 10 Sep 2017 1:31

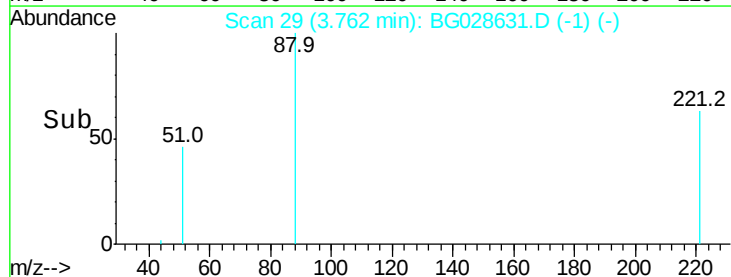
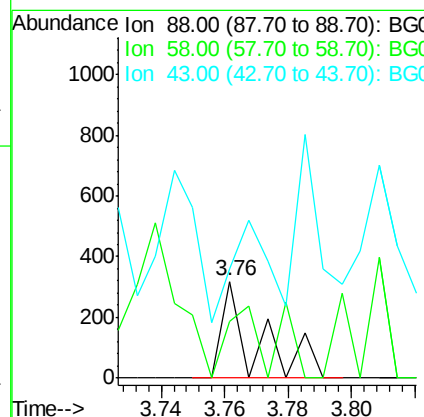
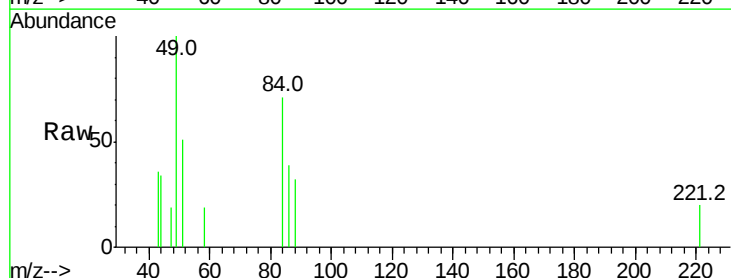
Instrument :
 BNA_G
 ClientSampleId :

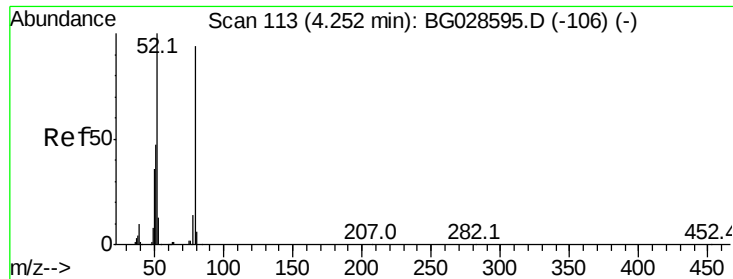
Tot Ion:152 Resp: 35162
 Ion Ratio Lower Upper
 152 100
 150 154.9 114.0 171.0
 115 60.4 48.1 72.1



#2
 1,4-Dioxane
 Concen: 0.274 ng
 RT: 3.76 min Scan# 29
 Delta R.T. -0.10 min
 Lab File: BG028631.D
 Acq: 10 Sep 2017 1:31

Tgt Ion: 88 Resp: 234
 Ion Ratio Lower Upper
 88 100
 58 0.0 79.4 119.2#
 43 117.5 33.8 50.6#





#3

Pvridine

Concen: 0.027 ng

RT: 4.22 min Scan# 107

Delta R.T. -0.03 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Instrument :

BNA_G

ClientSampleId :

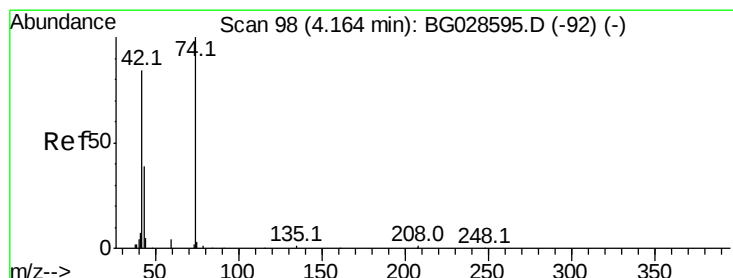
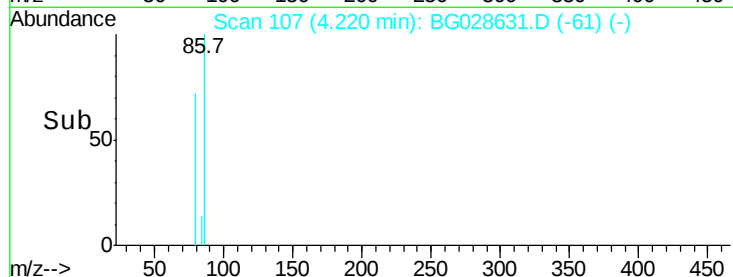
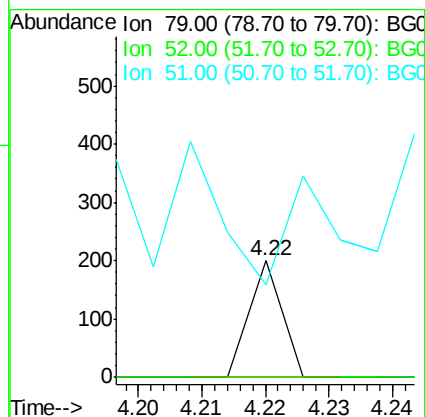
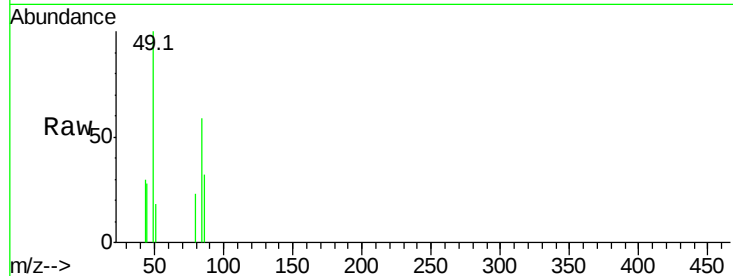
Tot Ion: 79 Resp: 71

Ion Ratio Lower Upper

79 100

52 0.0 77.8 116.6#

51 79.0 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 0.054 ng

RT: 4.14 min Scan# 93

Delta R.T. -0.03 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

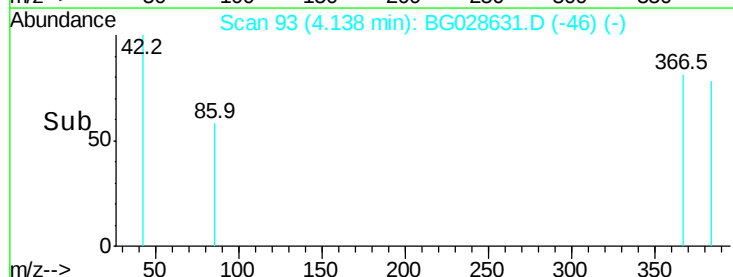
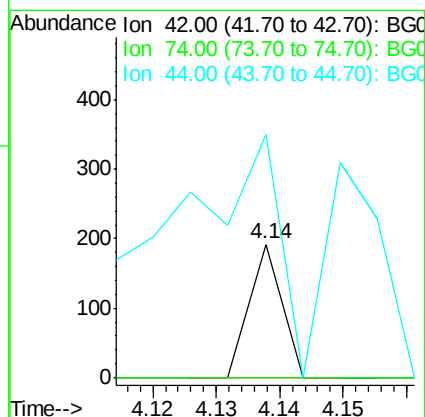
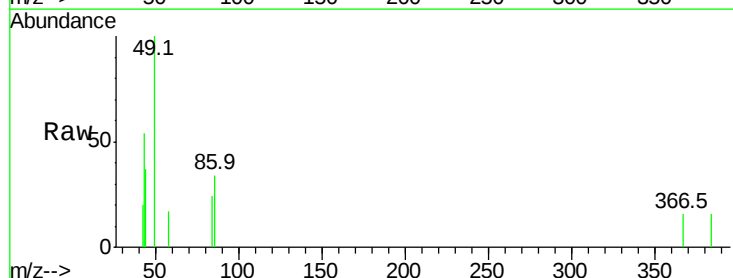
Tgt Ion: 42 Resp: 68

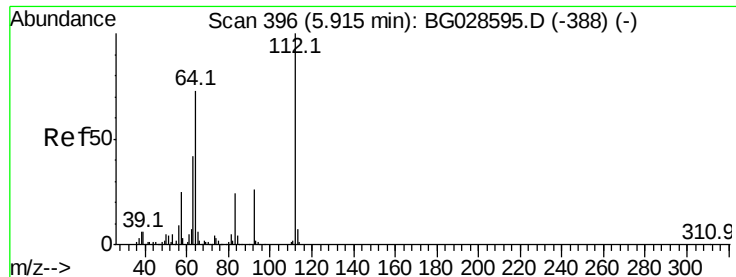
Ion Ratio Lower Upper

42 100

74 0.0 76.7 115.1#

44 182.3 6.1 9.1#





#5

2-Fluorophenol

Concen: 57.412 ng

RT: 5.91 min Scan# 394

Delta R.T. -0.01 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Instrument :

BNA_G

ClientSampleId :

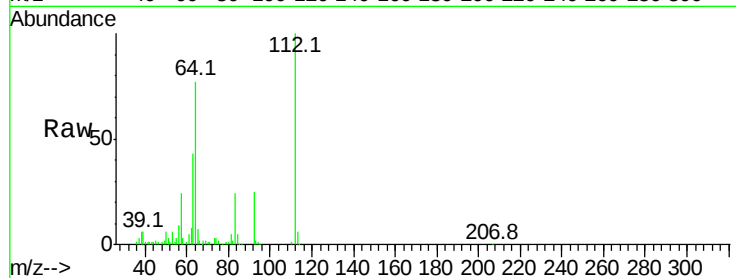
Tot Ion:112 Resp: 119896

Ion Ratio Lower Upper

112 100

64 77.1 61.8 92.6

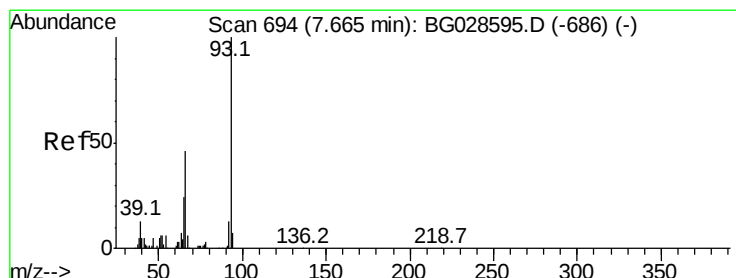
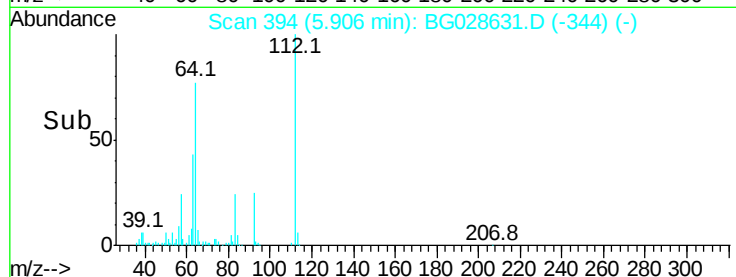
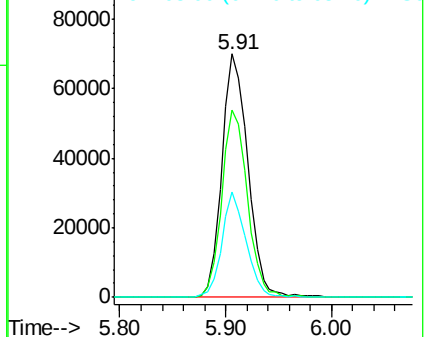
63 43.2 37.2 55.8



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: 0.015 ng

RT: 7.68 min Scan# 696

Delta R.T. 0.02 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

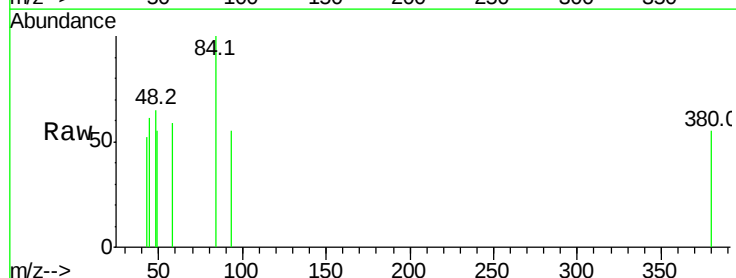
Tgt Ion: 93 Resp: 59

Ion Ratio Lower Upper

93 100

66 0.0 35.4 53.2#

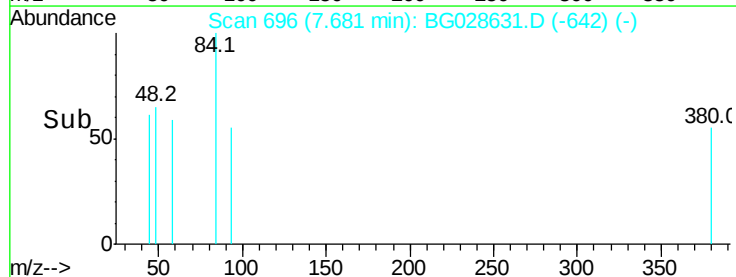
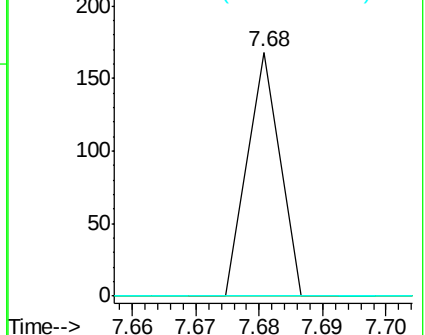
65 0.0 21.2 31.8#

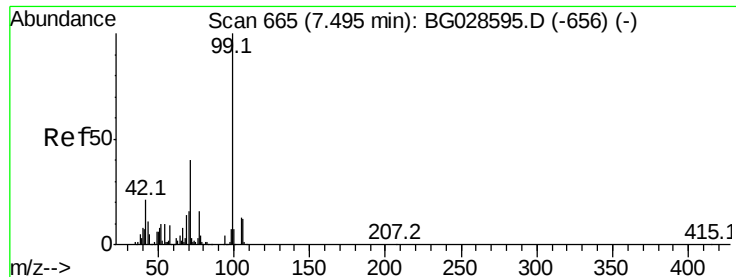


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 31.778 ng

RT: 7.49 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Instrument :

BNA_G

ClientSampleId :

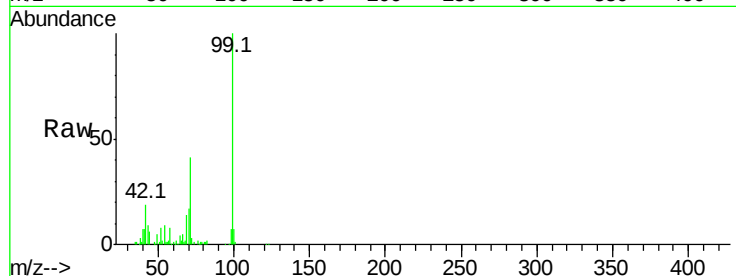
Tot Ion: 99 Resp: 96259

Ion Ratio Lower Upper

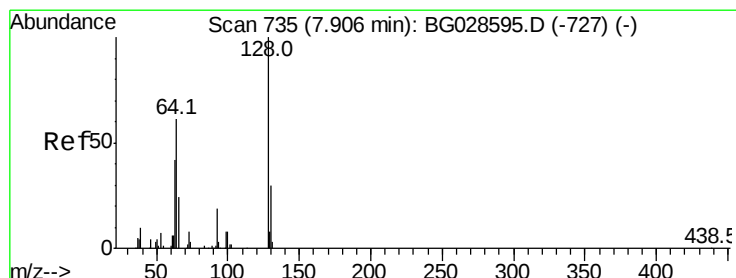
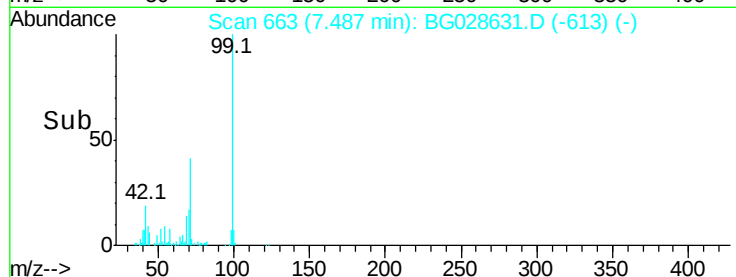
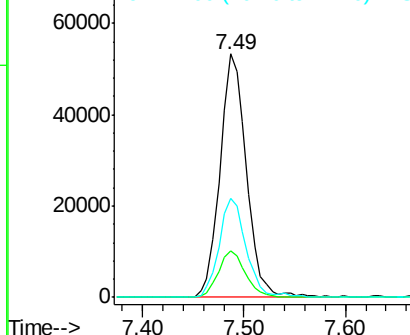
99 100

42 19.2 20.5 30.7#

71 40.8 37.6 56.4



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: 0.033 ng

RT: 7.87 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

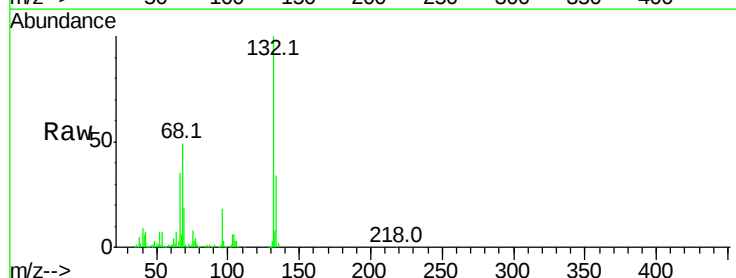
Tgt Ion: 128 Resp: 78

Ion Ratio Lower Upper

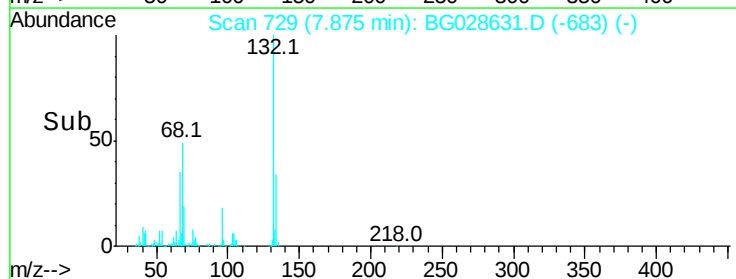
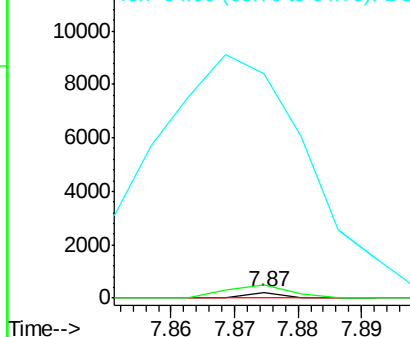
128 100

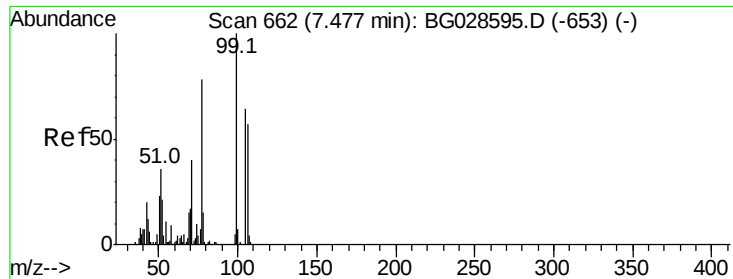
130 215.8 11.4 51.4#

64 3791.4 46.6 86.6#



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





#9

Benzaldehyde

Concen: 0.070 ng

RT: 7.49 min Scan# 664

Delta R.T. 0.02 min

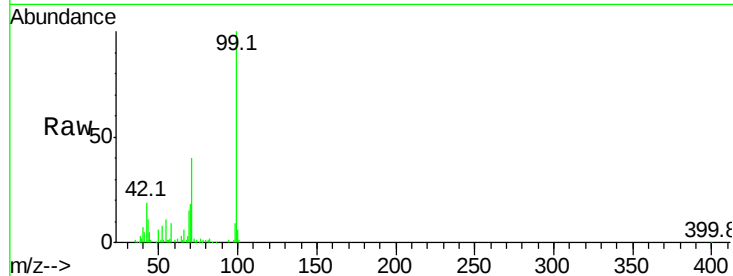
Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Instrument :

BNA_G

ClientSampled :



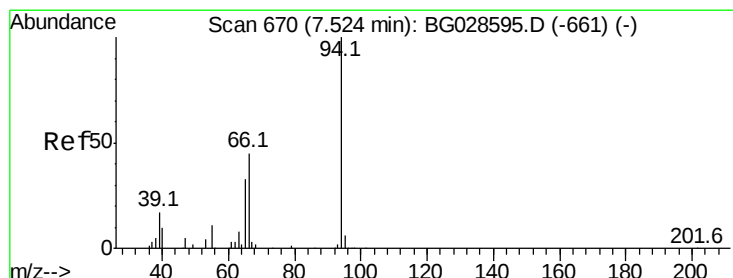
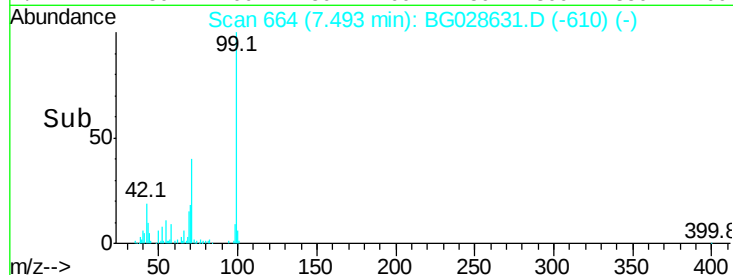
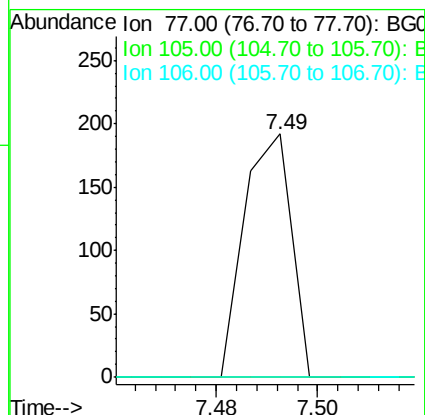
Tot Ion: 77 Resp: 125

Ion Ratio Lower Upper

77 100

105 0.0 60.9 100.9#

106 0.0 55.1 95.1#



#10

Phenol

Concen: 1.057 ng

RT: 7.52 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

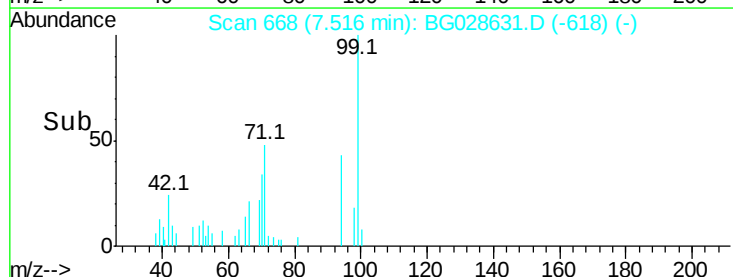
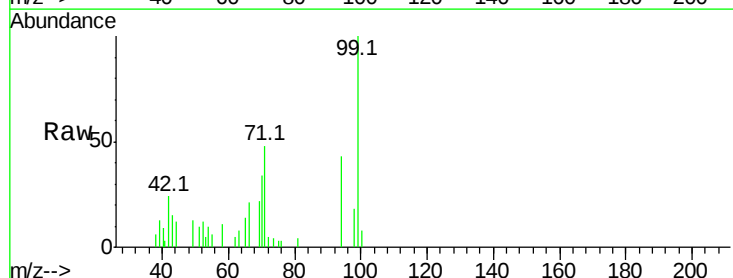
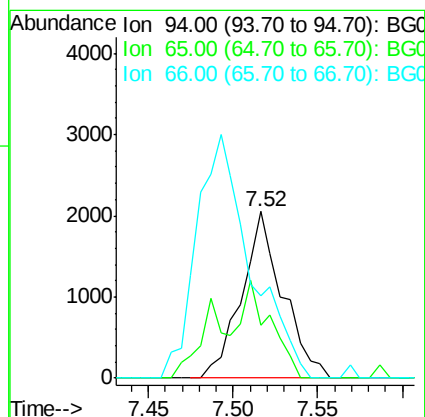
Tgt Ion: 94 Resp: 3469

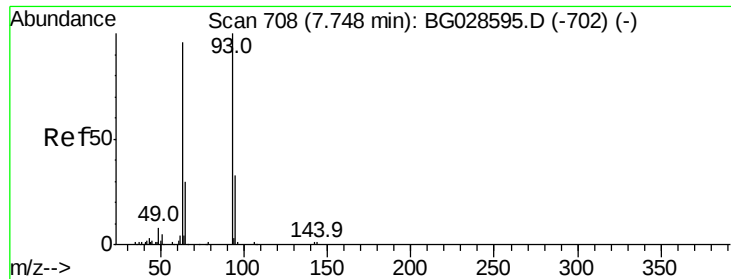
Ion Ratio Lower Upper

94 100

65 31.5 20.6 60.6

66 49.2 35.5 75.5





#11

bis(2-Chloroethyl)ether

Concen: 0.024 ng

RT: 7.68 min Scan# 696

Delta R.T. -0.07 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Instrument :

BNA_G

ClientSampled :

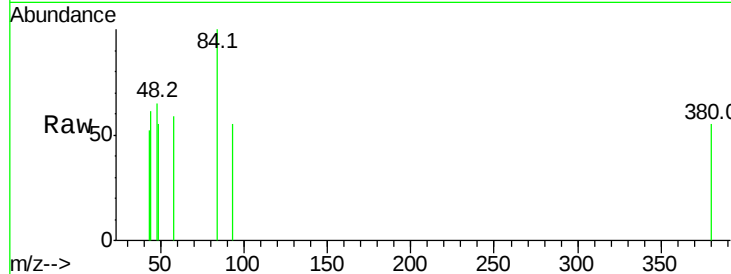
Tot Ion: 93 Resp: 59

Ion Ratio Lower Upper

93 100

63 0.0 78.5 118.5#

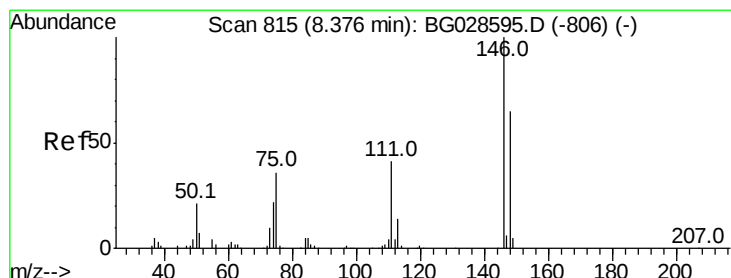
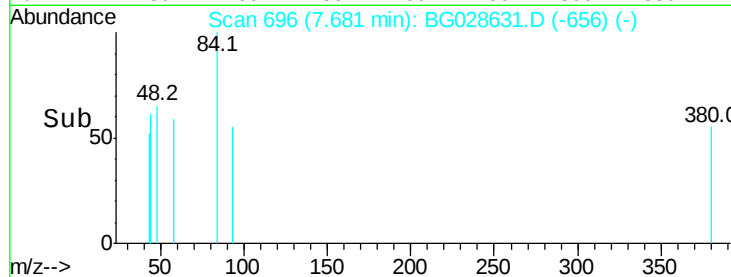
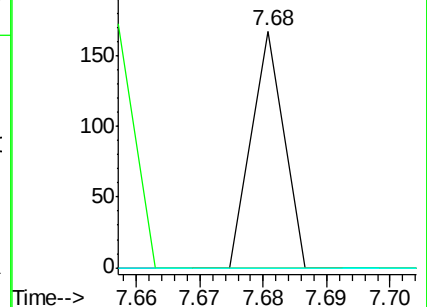
95 0.0 9.8 49.8#



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



#13

1,4-Dichlorobenzene

Concen: 0.024 ng

RT: 8.63 min Scan# 858

Delta R.T. 0.26 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

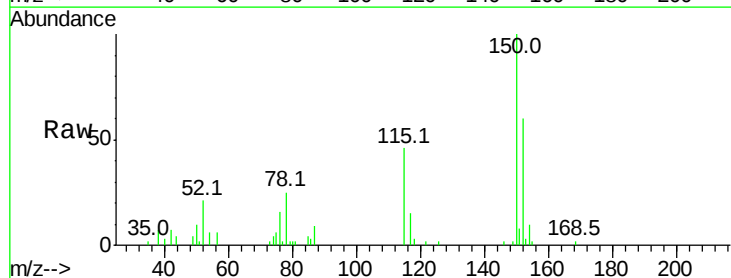
Tgt Ion: 146 Resp: 66

Ion Ratio Lower Upper

146 100

148 0.0 52.2 78.2#

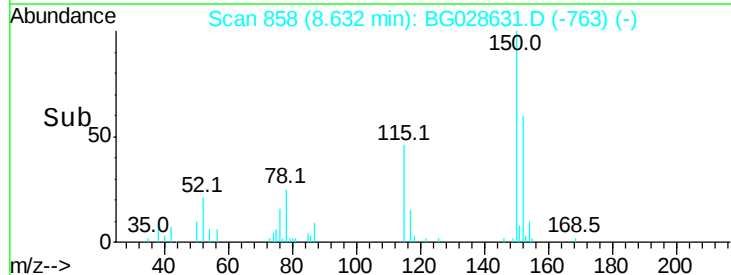
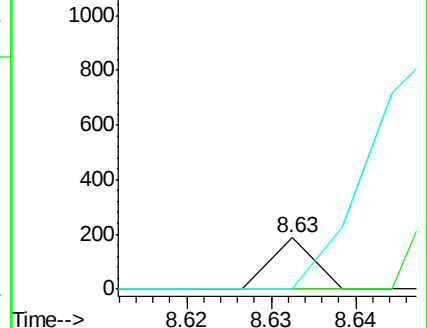
111 0.0 37.0 55.6#

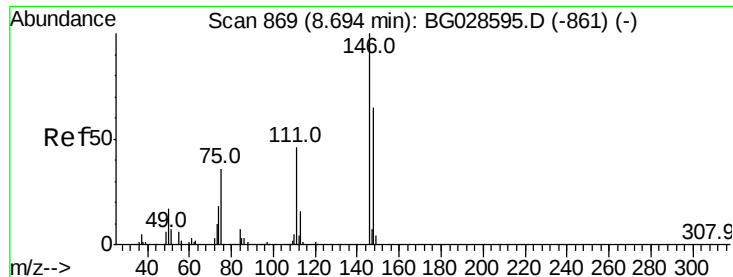


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.021 ng

RT: 8.69 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG028631.D

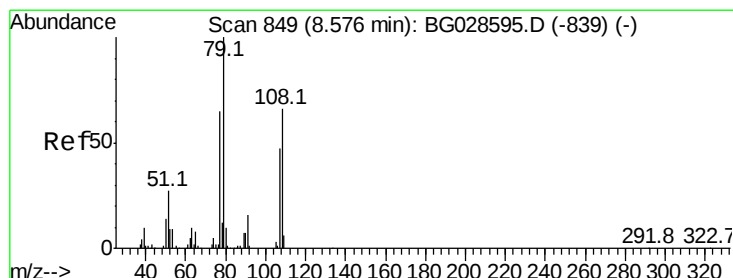
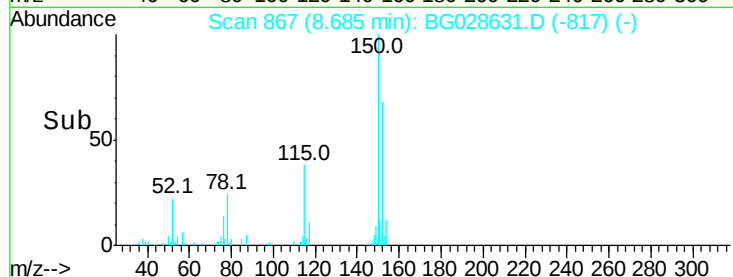
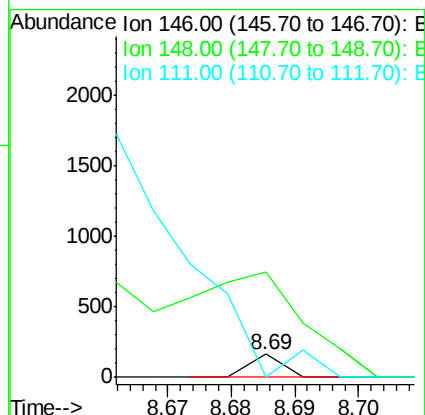
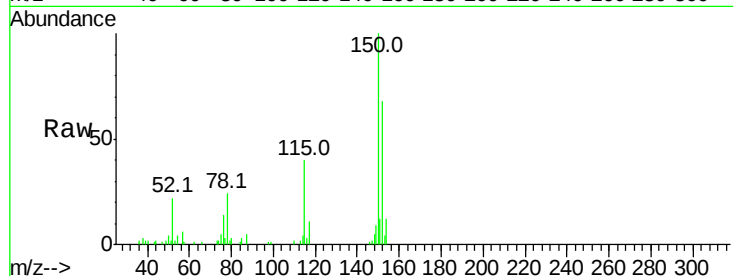
Acq: 10 Sep 2017 1:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	146	Resp:	57
Ion	Ratio	Lower	Upper
146	100		
148	458.9	54.6	81.8#
111	0.0	39.7	59.5#



#15

Benzyl Alcohol

Concen: 2.040 ng

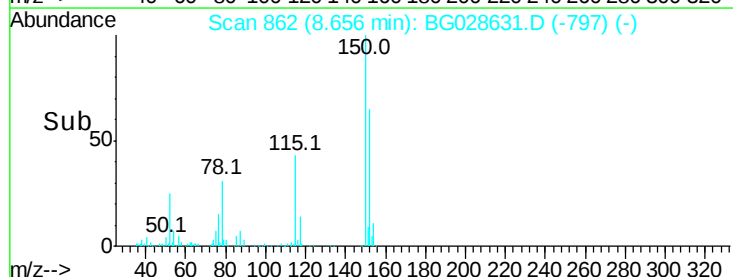
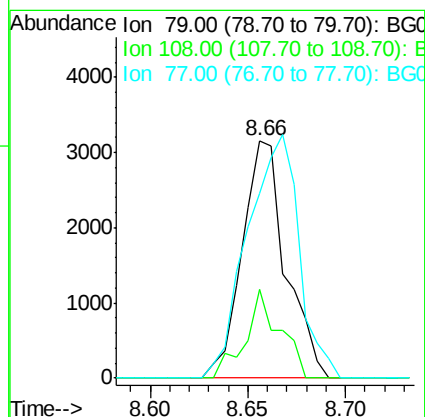
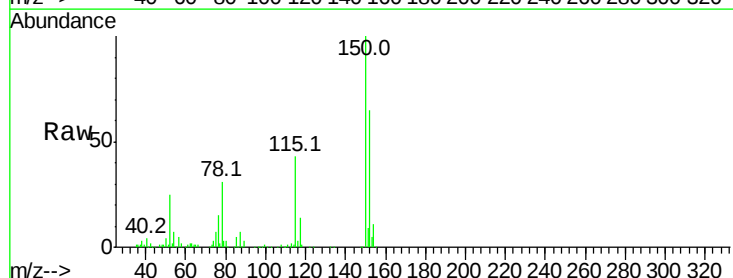
RT: 8.66 min Scan# 862

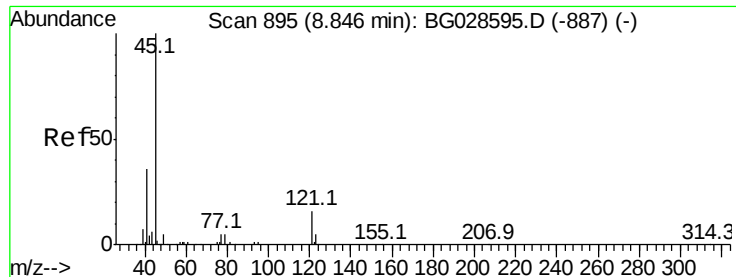
Delta R.T. 0.08 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Tgt Ion:	79	Resp:	4899
Ion	Ratio	Lower	Upper
79	100		
108	37.3	45.5	68.3#
77	77.7	54.3	81.5

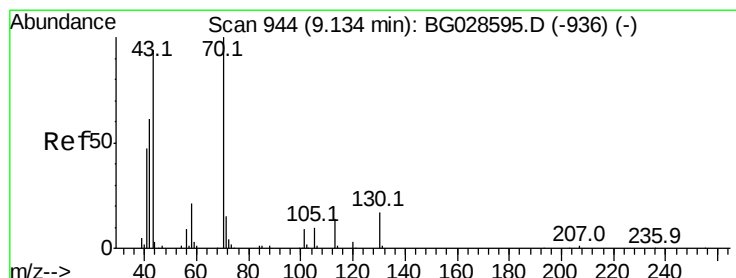
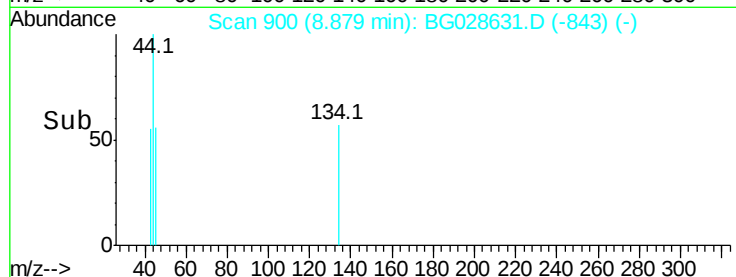
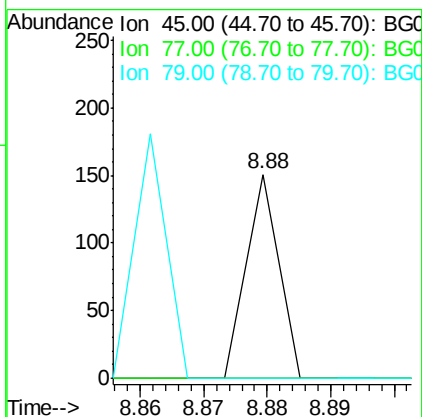
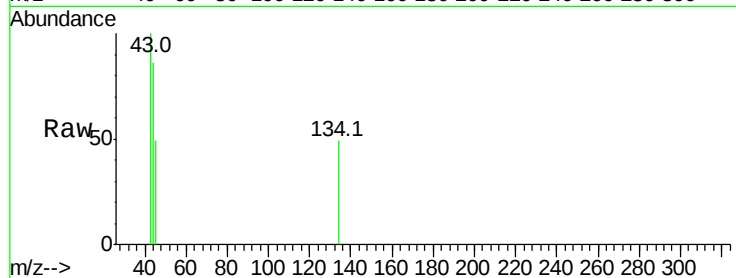




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.011 ng
RT: 8.88 min Scan# 900
Delta R.T. 0.03 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

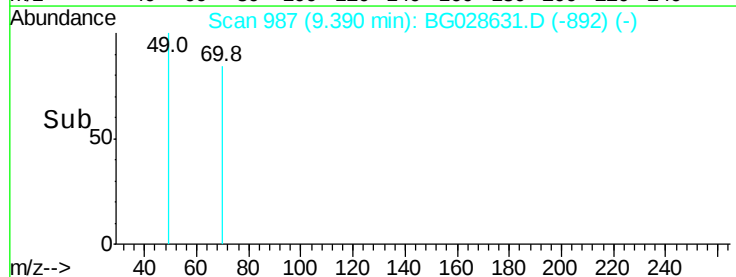
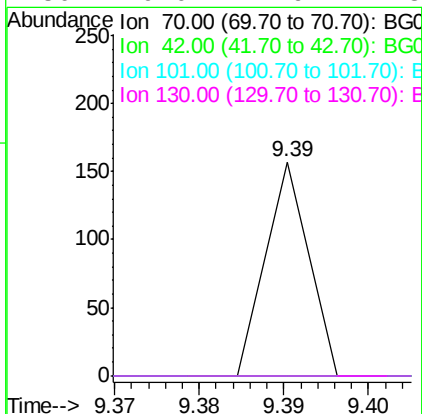
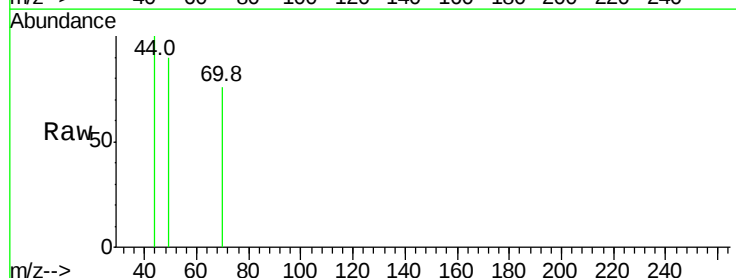
Instrument :
BNA_G
ClientSampleId :

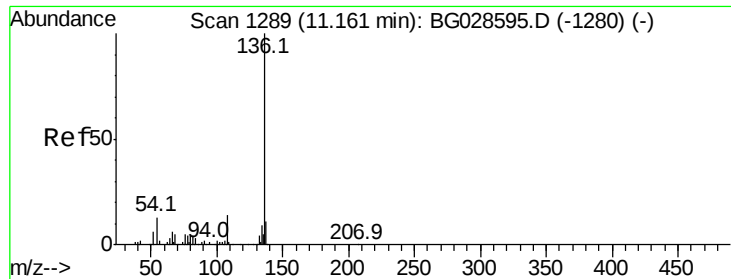
Tot Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.6
79	0.0	0.0	28.5



#19
n-Nitroso-di-n-propylamine
Concen: 0.023 ng
RT: 9.39 min Scan# 987
Delta R.T. 0.26 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

Tgt Ion	Ratio	Lower	Upper
70	100		
42	0.0	56.1	84.1#
101	0.0	7.5	11.3#
130	0.0	14.6	21.8#

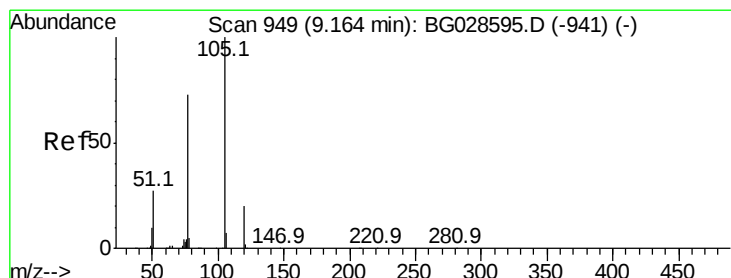
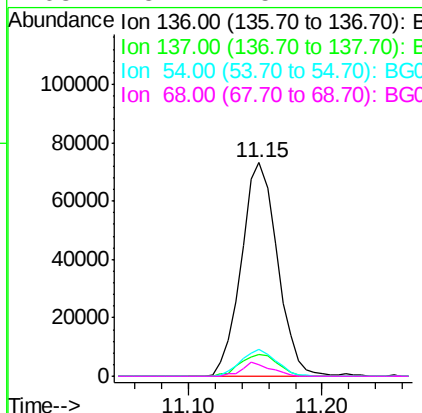
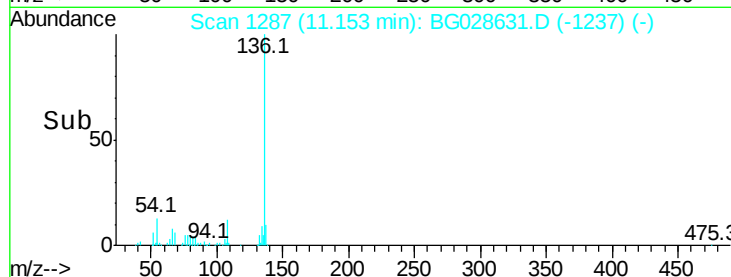
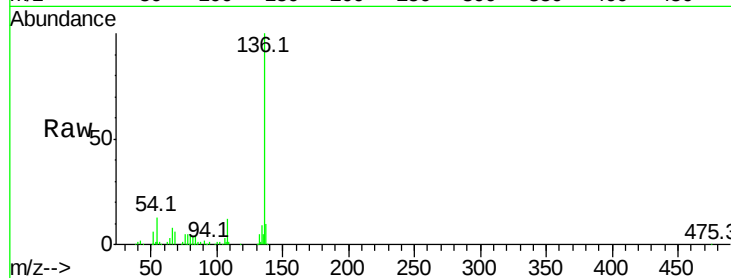




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

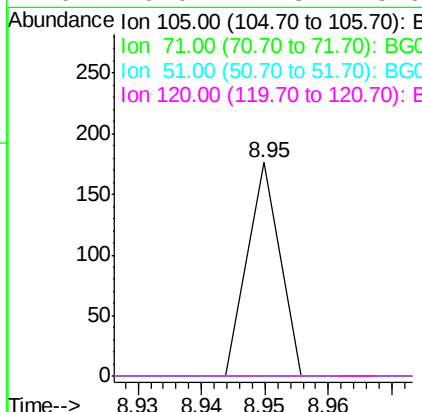
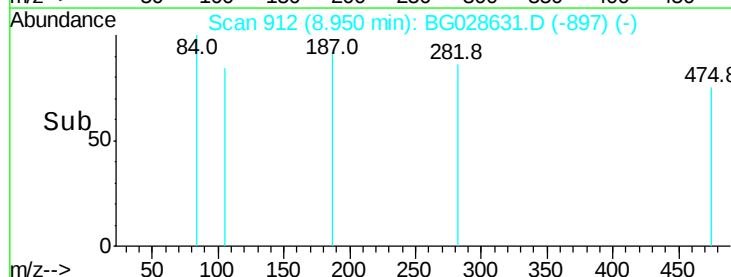
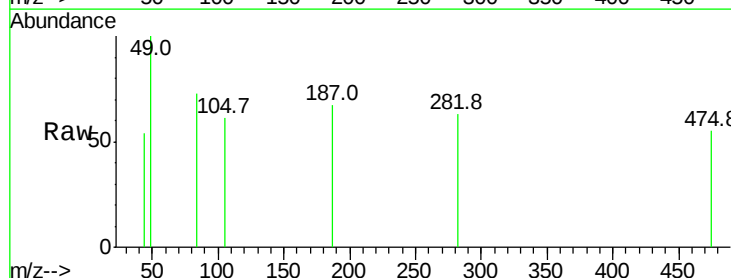
Instrument :
BNA_G
ClientSampled :

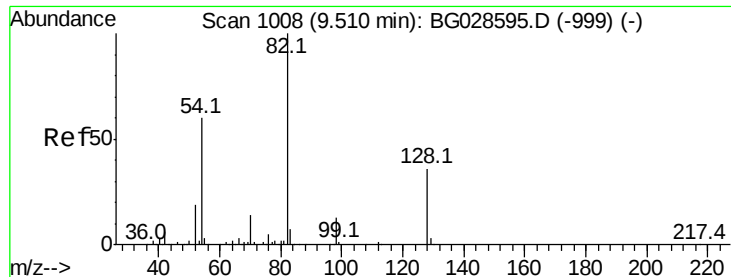
Tot Ion:136	Resp:	137085
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.9	13.3
54 12.7	9.3	13.9
68 5.7	5.1	7.7



#22
Acetophenone
Concen: 0.016 ng
RT: 8.95 min Scan# 912
Delta R.T. -0.21 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

Tgt Ion:105	Resp:	62
Ion Ratio	Lower	Upper
105 100		
71 0.0	0.9	1.3#
51 0.0	34.0	51.0#
120 0.0	17.3	25.9#

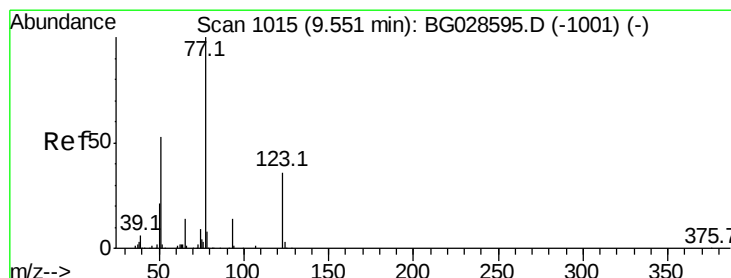
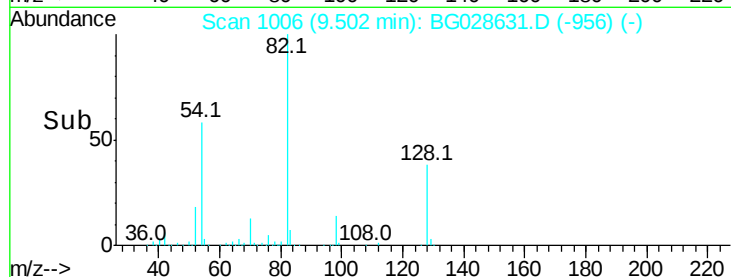
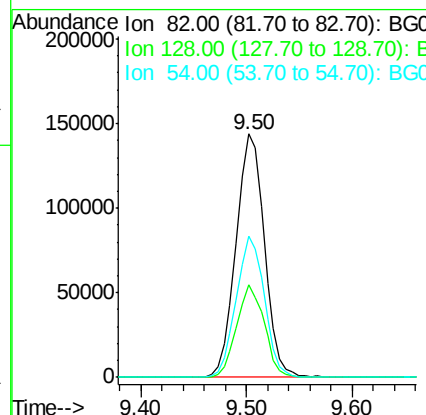
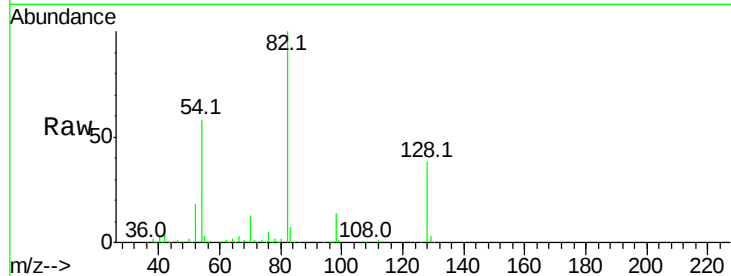




#23
Nitrobenzene-d5
Concen: 89.395 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

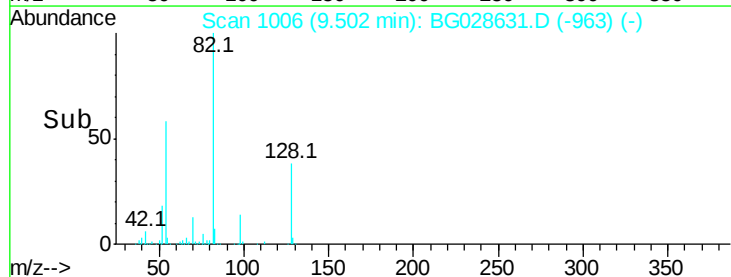
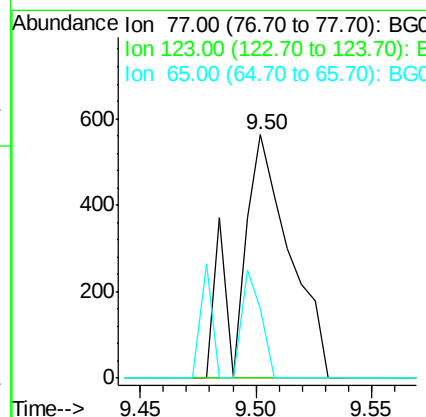
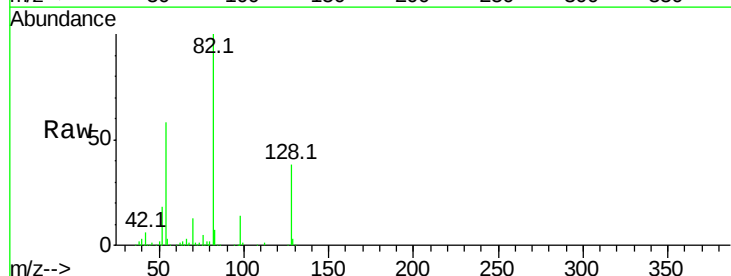
Instrument :
BNA_G
ClientSampleId :

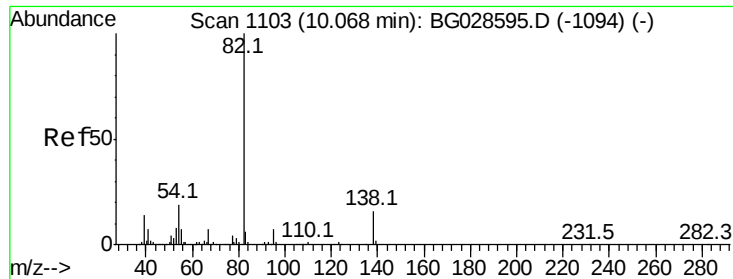
Tot Ion: 82 Resp: 266885
Ion Ratio Lower Upper
82 100
128 38.1 26.4 39.6
54 58.1 49.4 74.2



#24
Nitrobenzene
Concen: 0.271 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.05 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

Tgt Ion: 77 Resp: 854
Ion Ratio Lower Upper
77 100
123 0.0 26.1 39.1#
65 28.6 12.4 18.6#





#25

Isophorone

Concen: 0.011 ng

RT: 10.08 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Instrument :

BNA_G

ClientSampleId :

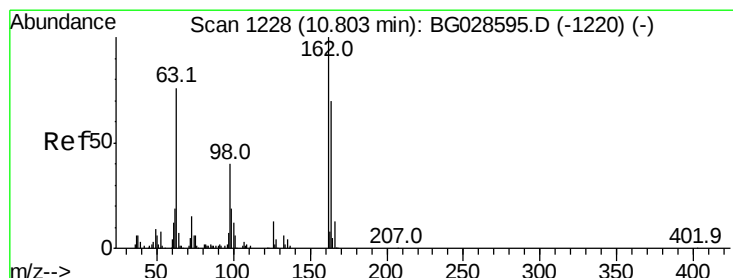
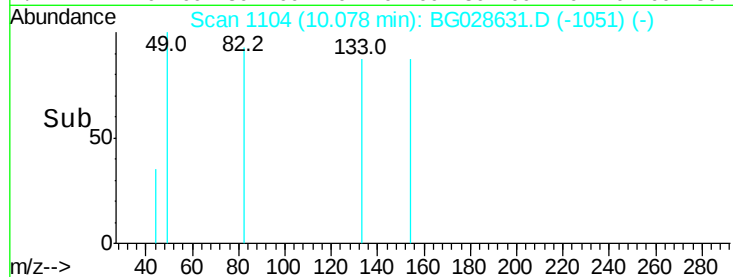
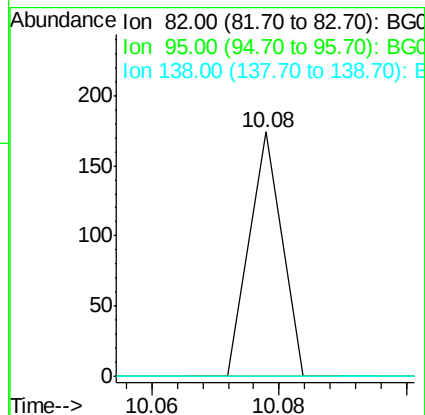
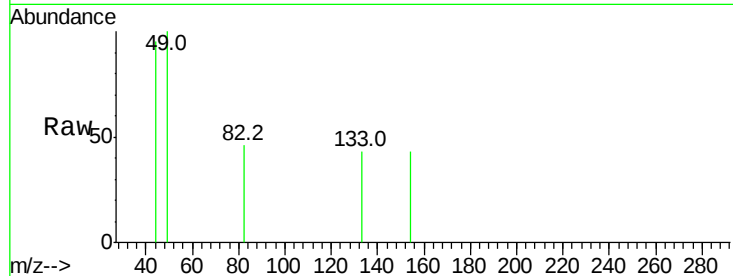
Tot Ion: 82 Resp: 61

Ion Ratio Lower Upper

82 100

95 0.0 7.5 11.3#

138 0.0 12.3 18.5#



#29

2,4-Dichlorophenol

Concen: 0.031 ng

RT: 10.51 min Scan# 1178

Delta R.T. -0.29 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

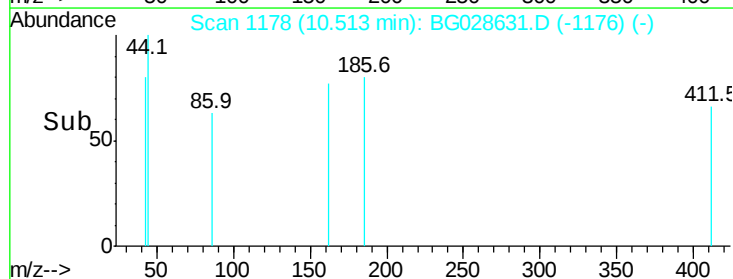
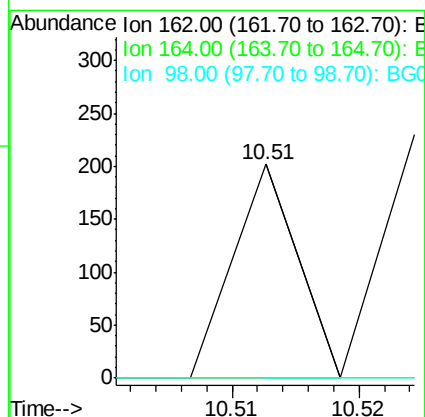
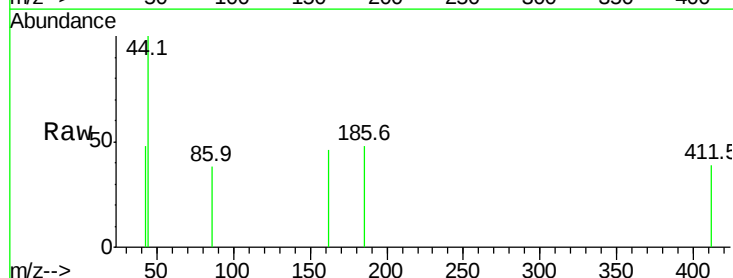
Tgt Ion: 162 Resp: 71

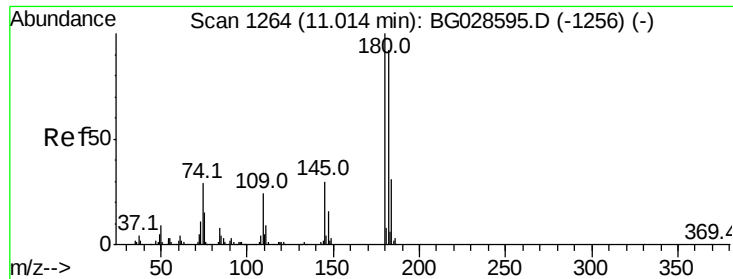
Ion Ratio Lower Upper

162 100

164 0.0 42.4 82.4#

98 0.0 20.3 60.3#

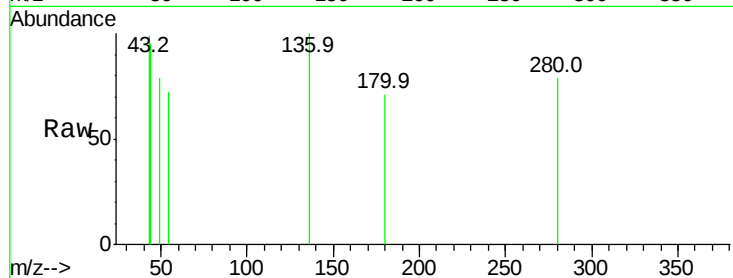




#30
 1,2,4-Trichlorobenzene
 Concen: 0.019 ng
 RT: 11.24 min Scan# 1301
 Delta R.T. 0.22 min
 Lab File: BG028631.D
 Acq: 10 Sep 2017 1:31

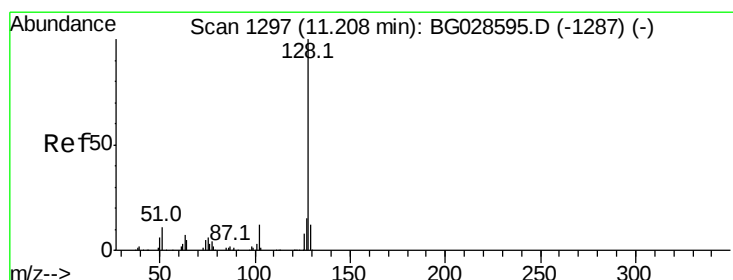
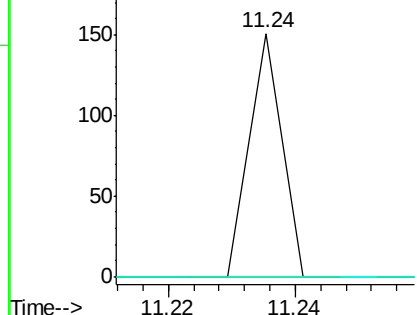
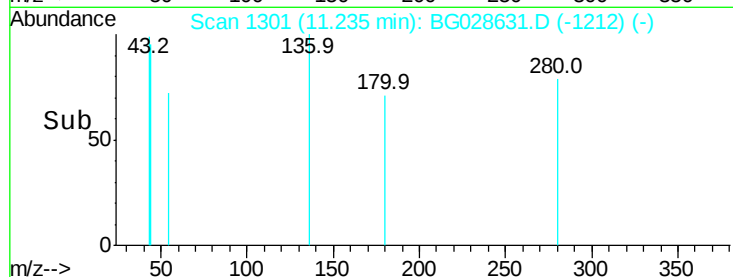
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.0	115.4#
145	0.0	23.4	35.0#



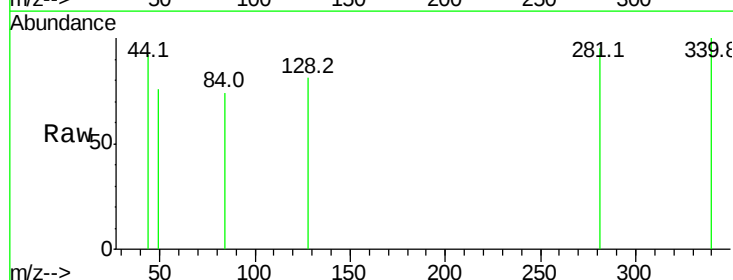
Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

11.24



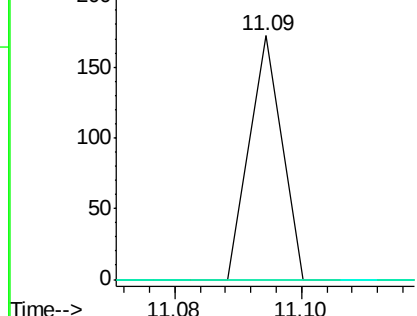
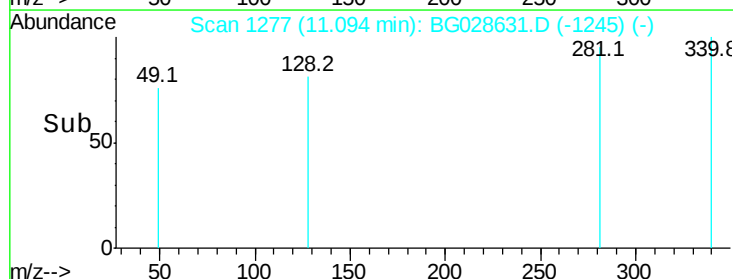
#31
 Naphthalene
 Concen: 0.008 ng
 RT: 11.09 min Scan# 1277
 Delta R.T. -0.11 min
 Lab File: BG028631.D
 Acq: 10 Sep 2017 1:31

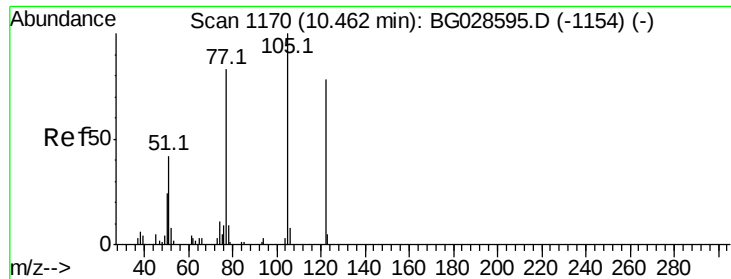
Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.3	13.9#
127	0.0	11.4	17.0#



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

11.09





#32

Benzoic acid

Concen: 0.042 ng

RT: 10.58 min Scan# 1189

Delta R.T. 0.12 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Instrument :

BNA_G

ClientSampled :

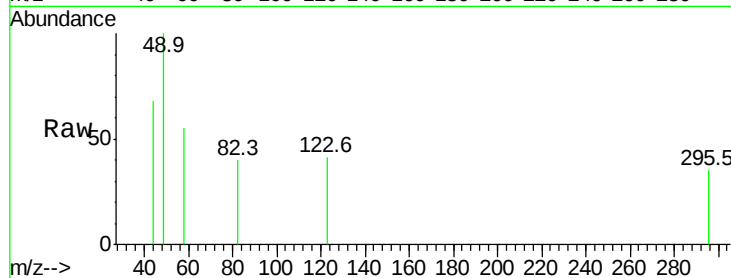
Tot Ion:122 Resp: 63

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

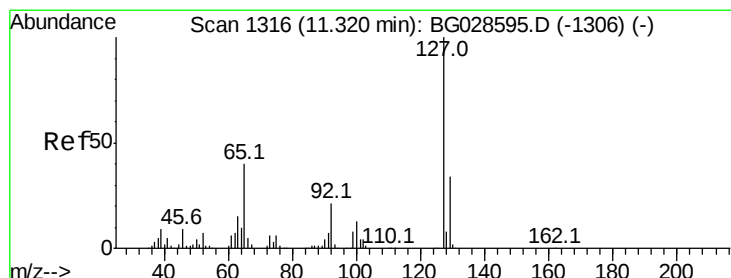
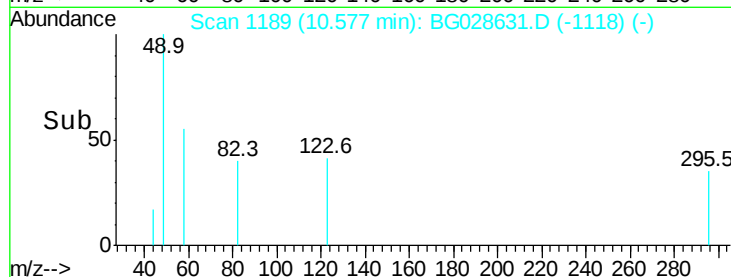
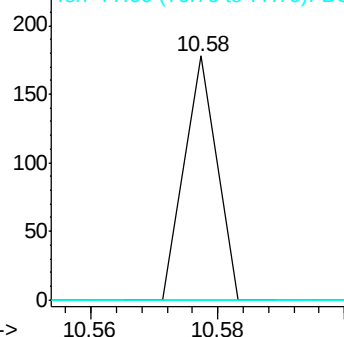
77 0.0 104.6 144.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 0.020 ng

RT: 11.27 min Scan# 1307

Delta R.T. -0.05 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Tgt Ion:127 Resp: 62

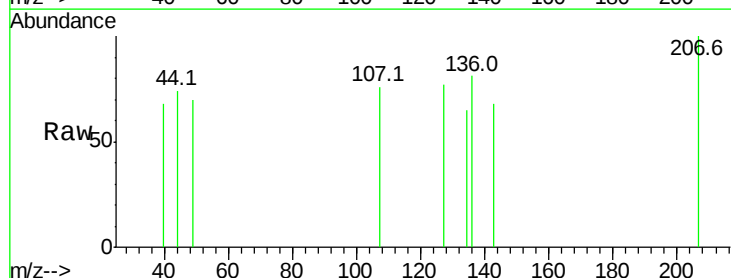
Ion Ratio Lower Upper

127 100

129 0.0 23.6 35.4#

65 0.0 37.7 56.5#

92 0.0 17.6 26.4#

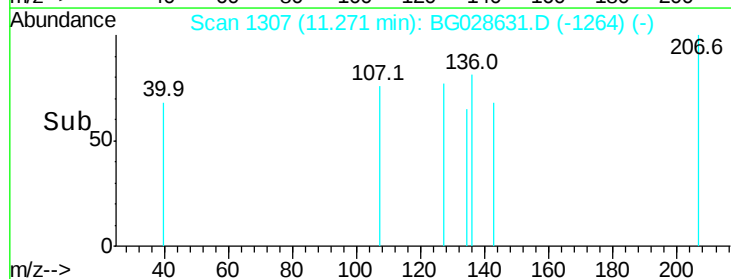
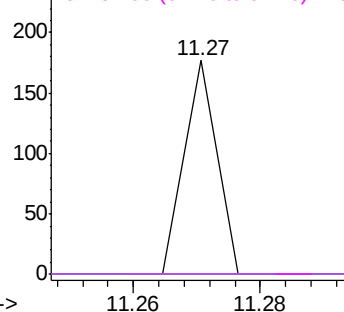


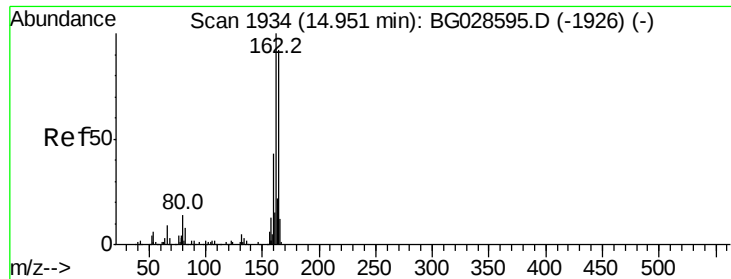
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Instrument :

BNA_G

ClientSampleId :

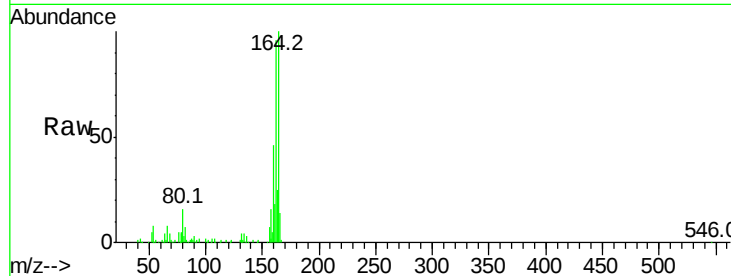
Tot Ion:164 Resp: 96462

Ion Ratio Lower Upper

164 100

162 96.4 85.1 127.7

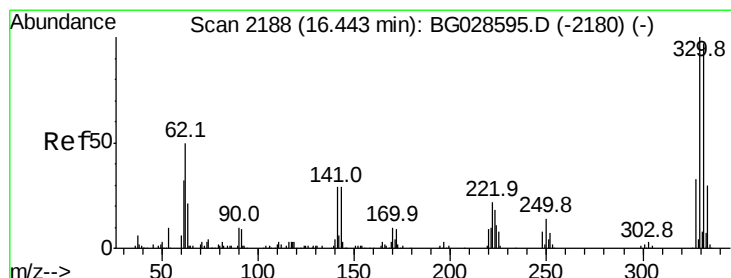
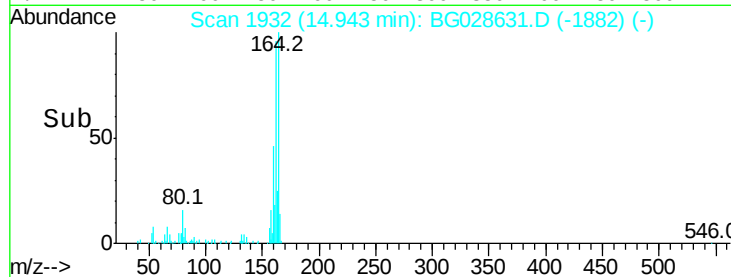
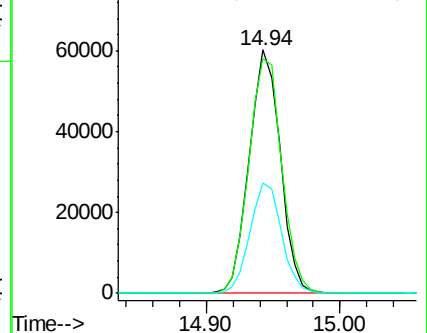
160 45.6 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 146.316 ng

RT: 16.44 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

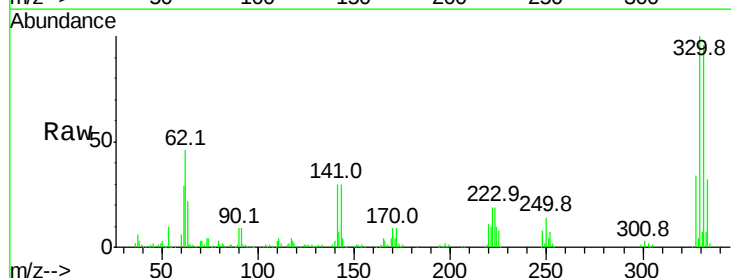
Tgt Ion:330 Resp: 214517

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

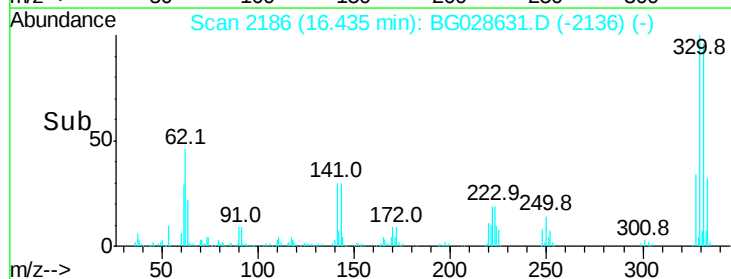
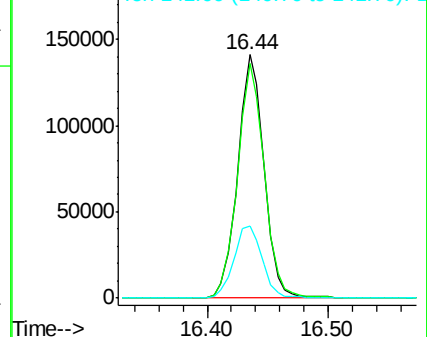
141 32.2 32.1 48.1

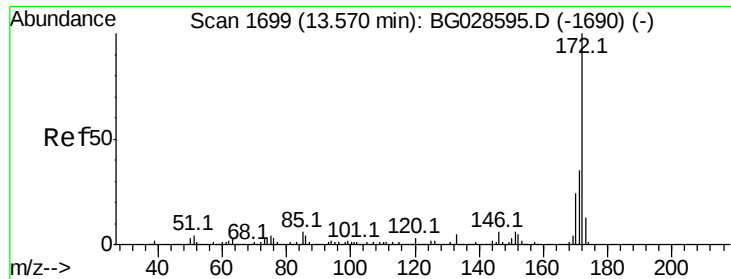


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

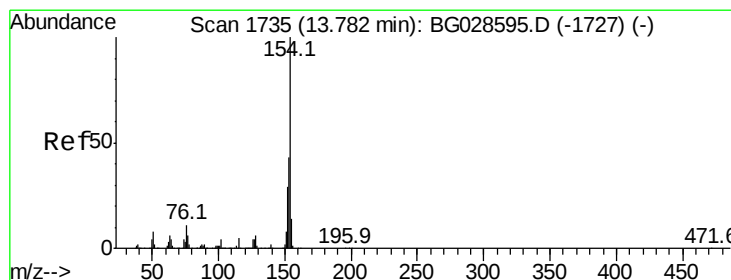
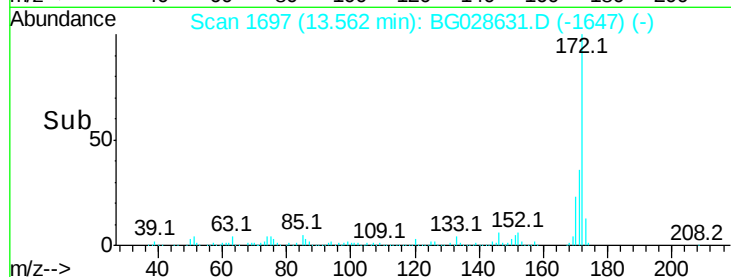
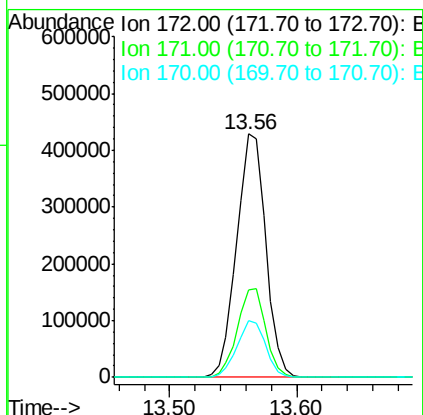
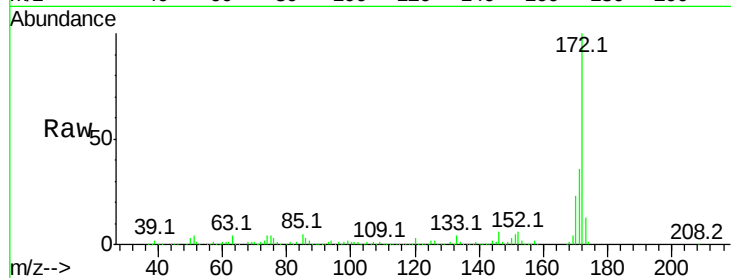




#44
2-Fluorobiphenyl
Concen: 92.428 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

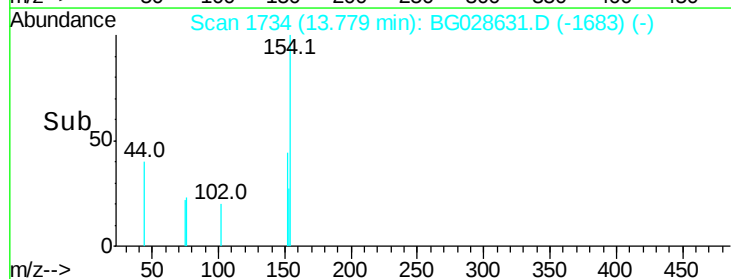
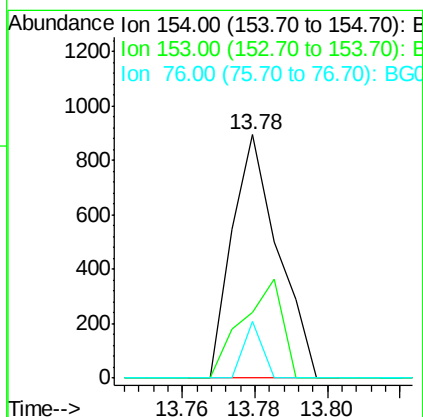
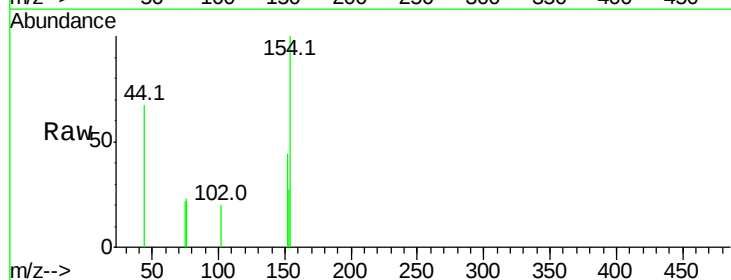
Instrument :
BNA_G
ClientSampleId :

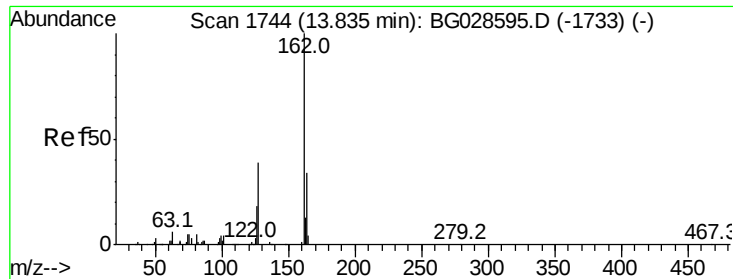
Tot Ion:172 Resp: 681521
Ion Ratio Lower Upper
172 100
171 35.8 32.2 48.2
170 23.4 21.8 32.6



#45
1,1'-Biphenyl
Concen: 0.097 ng
RT: 13.78 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

Tgt Ion:154 Resp: 787
Ion Ratio Lower Upper
154 100
153 26.9 23.0 63.0
76 23.4 0.0 33.5

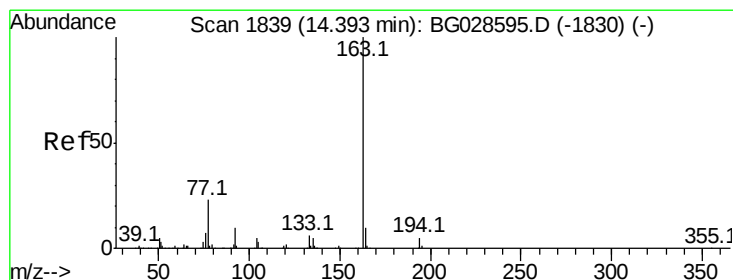
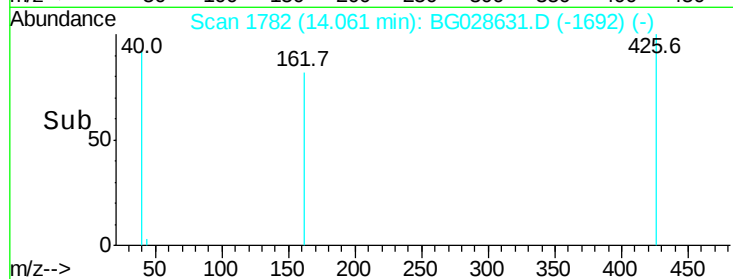
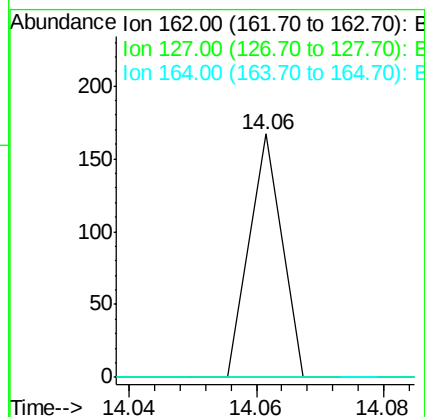
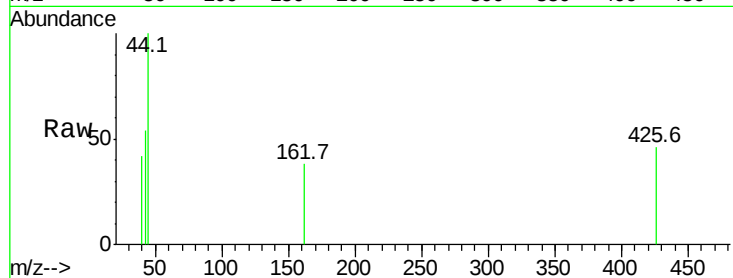




#46
2-Chloronaphthalene
Concen: 0.010 ng
RT: 14.06 min Scan# 1782
Delta R.T. 0.23 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

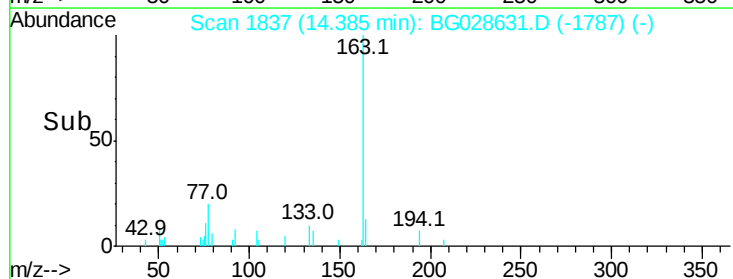
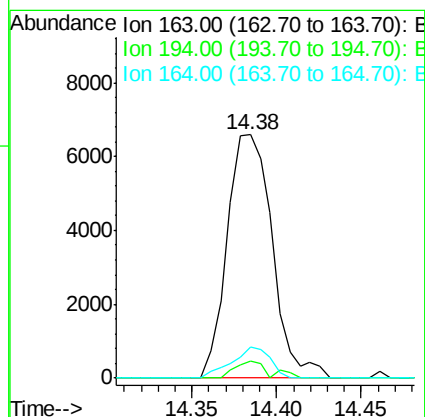
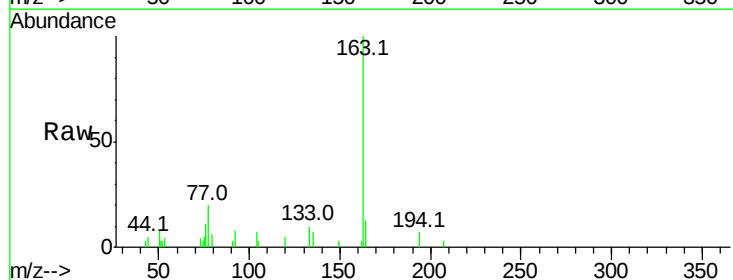
Instrument :
BNA_G
ClientSampleId :

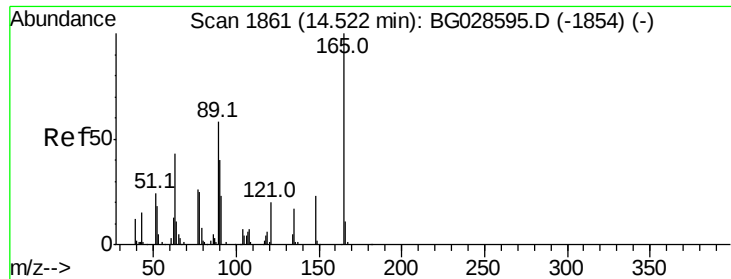
Tot Ion:162 Resp: 59
Ion Ratio Lower Upper
162 100
127 0.0 32.2 48.4#
164 0.0 27.3 40.9#



#49
Dimethylphthalate
Concen: 1.539 ng
RT: 14.38 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

Tgt Ion:163 Resp: 12230
Ion Ratio Lower Upper
163 100
194 6.8 3.8 5.6#
164 13.0 9.3 13.9

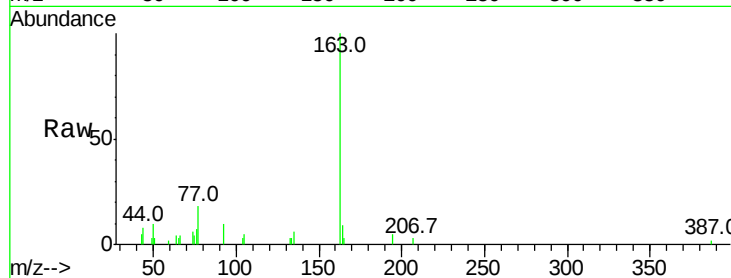




#50
2,6-Dinitrotoluene
Concen: 0.034 ng
RT: 14.38 min Scan# 1836
Delta R.T. -0.14 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

Instrument :
BNA_G
ClientSampleId :

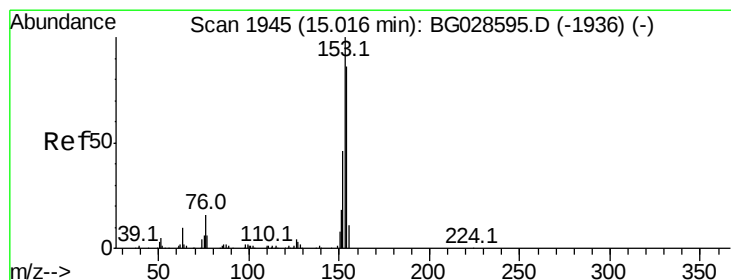
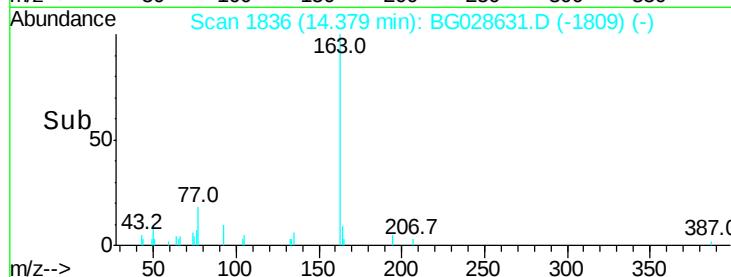
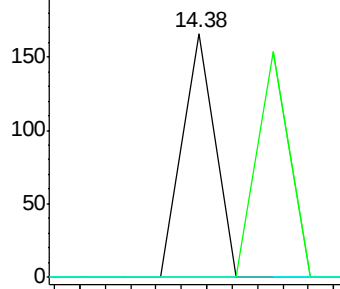
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.9	95.9#
89	0.0	58.6	88.0#



Abundance Ion 165.00 (164.70 to 165.70): E

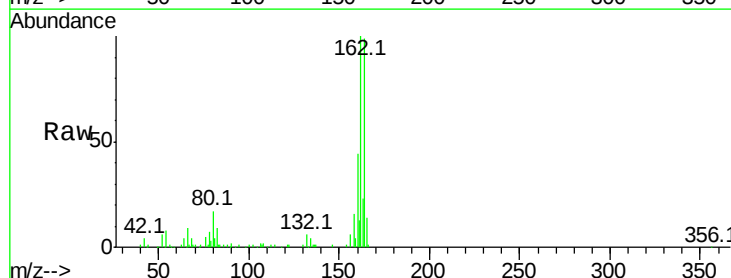
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#51
Acenaphthene
Concen: 0.036 ng
RT: 14.94 min Scan# 1931
Delta R.T. -0.08 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

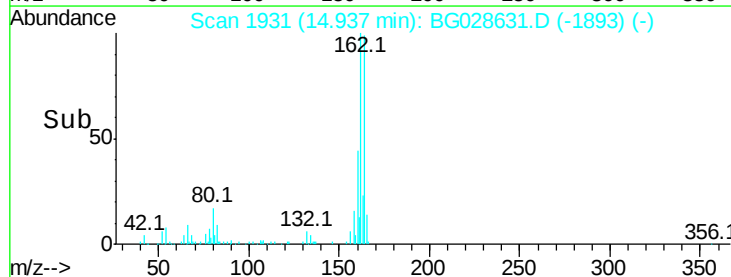
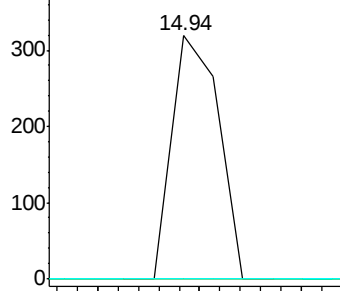
Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	87.8	131.6#
152	0.0	42.2	63.4#

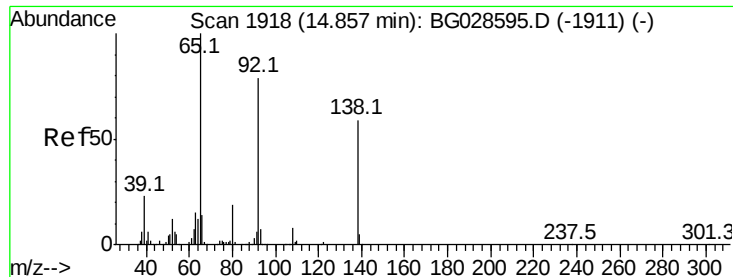


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

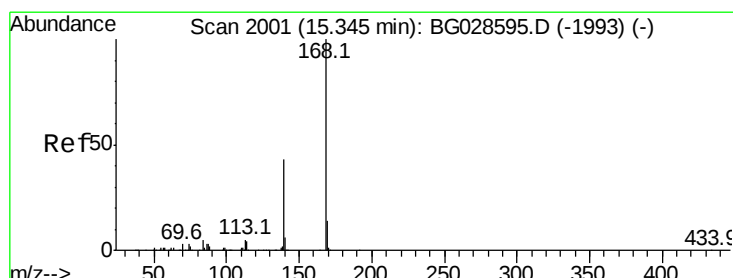
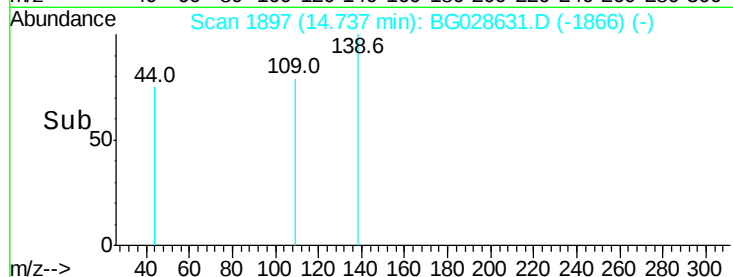
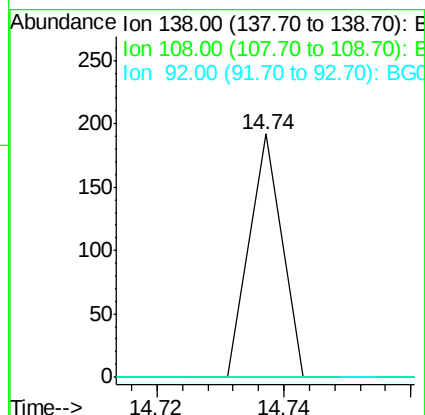
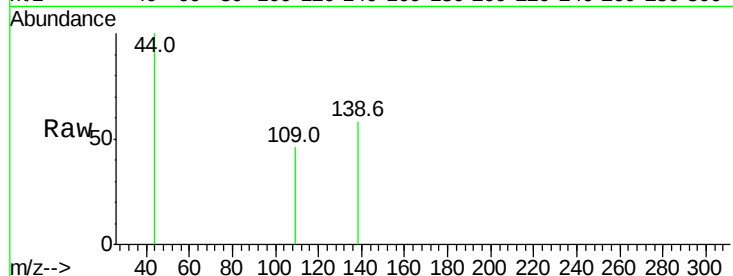




#52
3-Nitroaniline
Concen: 0.039 ng
RT: 14.74 min Scan# 1897
Delta R.T. -0.12 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

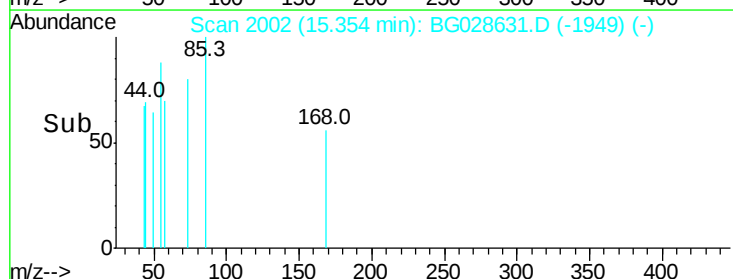
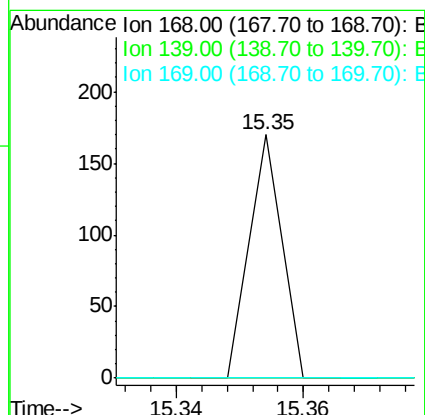
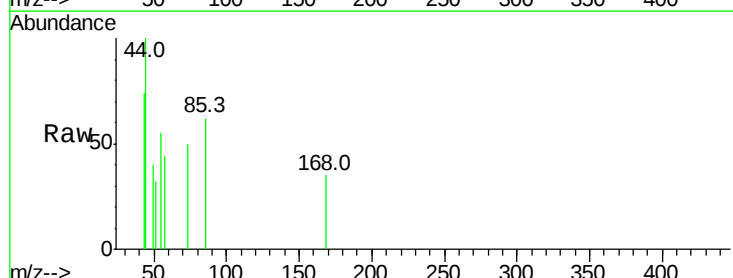
Instrument :
BNA_G
ClientSampleId :

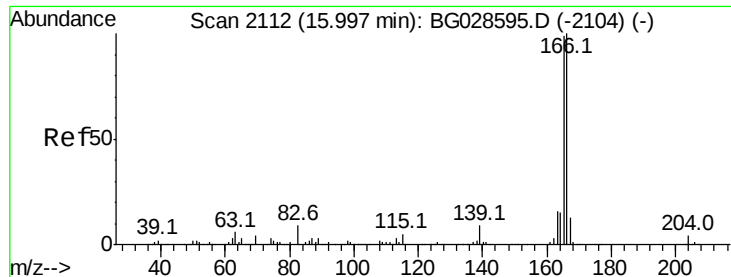
Tot Ion:138 Resp: 68
Ion Ratio Lower Upper
138 100
108 0.0 10.9 16.3#
92 0.0 115.3 172.9#



#54
Dibenzofuran
Concen: 0.007 ng
RT: 15.35 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

Tgt Ion:168 Resp: 60
Ion Ratio Lower Upper
168 100
139 0.0 35.3 52.9#
169 0.0 11.5 17.3#





#57

Fluorene

Concen: 0.007 ng

RT: 15.98 min Scan# 2108

Delta R.T. -0.02 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Instrument :

BNA_G

ClientSampleId :

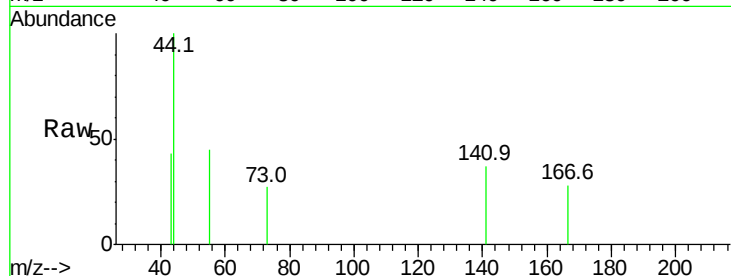
Tot Ion:166 Resp: 55

Ion Ratio Lower Upper

166 100

165 0.0 78.6 117.8#

167 0.0 11.6 17.4#



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

15.98

150

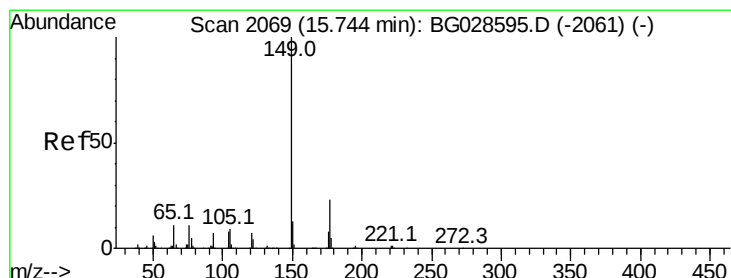
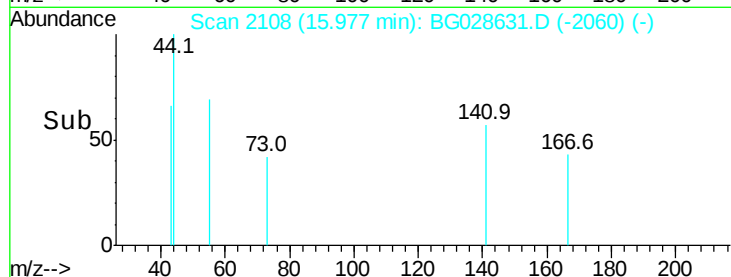
100

50

0

15.96 15.98

Time-->



#59

Diethylphthalate

Concen: 0.076 ng

RT: 15.73 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

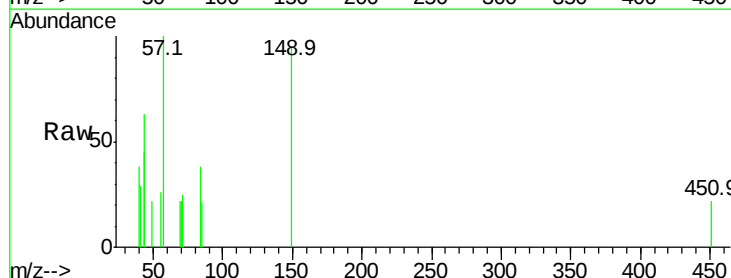
Tgt Ion:149 Resp: 637

Ion Ratio Lower Upper

149 100

177 0.0 20.1 30.1#

150 0.0 10.2 15.2#



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

15.73

1000

800

600

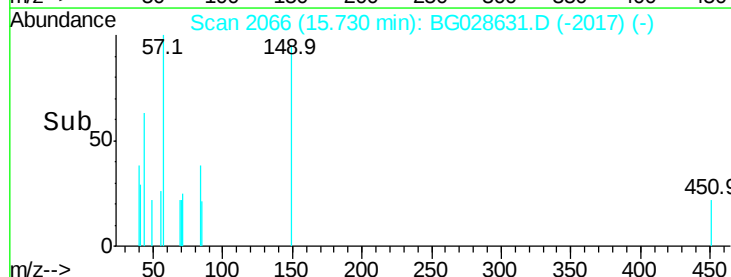
400

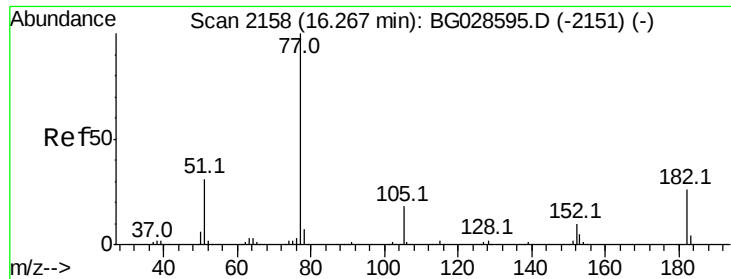
200

0

15.70 15.72 15.74 15.76

Time-->





#62

Azobenzene

Concen: 0.011 ng

RT: 16.16 min Scan# 2139

Delta R.T. -0.11 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 80

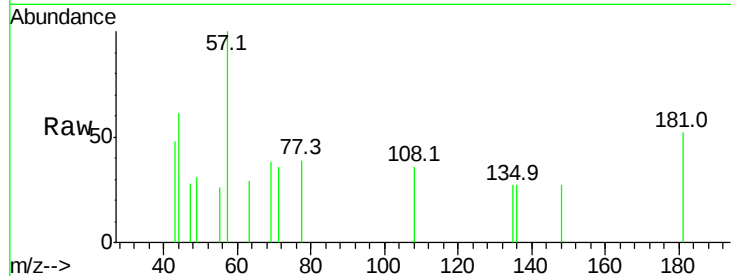
Ion Ratio Lower Upper

77 100

182 0.0 4.7 44.7#

105 0.0 0.0 36.3

51 0.0 16.4 56.4#

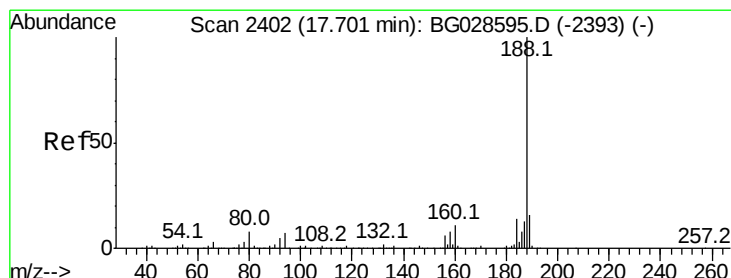
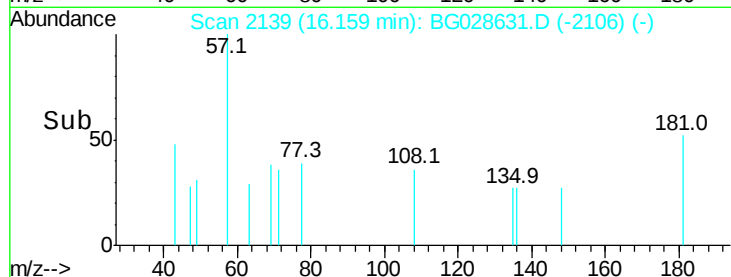
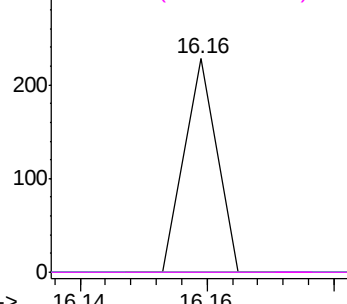


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.70 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

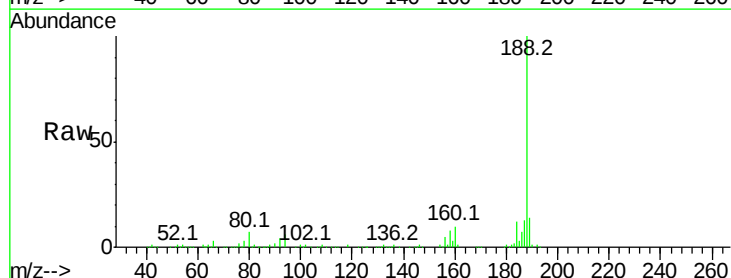
Tgt Ion: 188 Resp: 263640

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

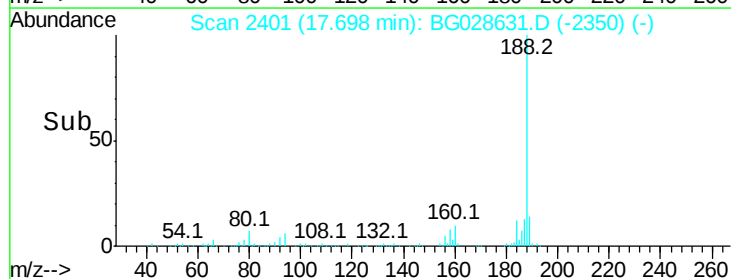
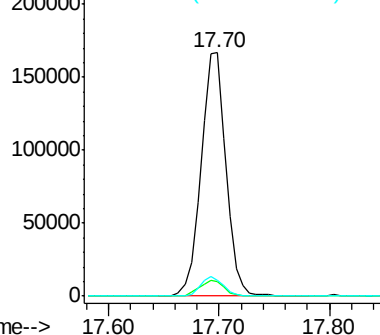
80 6.6 7.5 11.3#

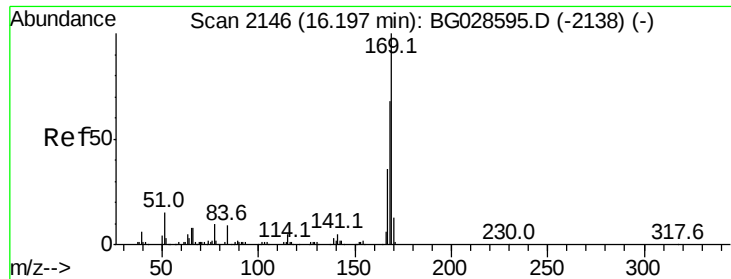


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

n-Nitrosodiphenylamine

Concen: 1.001 ng

RT: 16.44 min Scan# 2186

Delta R.T. 0.24 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Instrument :

BNA_G

ClientSampleId :

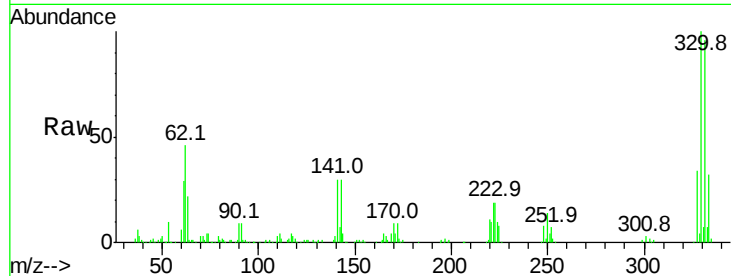
Tot Ion:169 Resp: 7790

Ion Ratio Lower Upper

169 100

168 0.0 55.7 83.5#

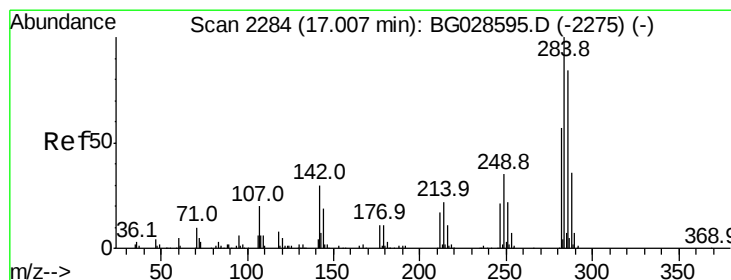
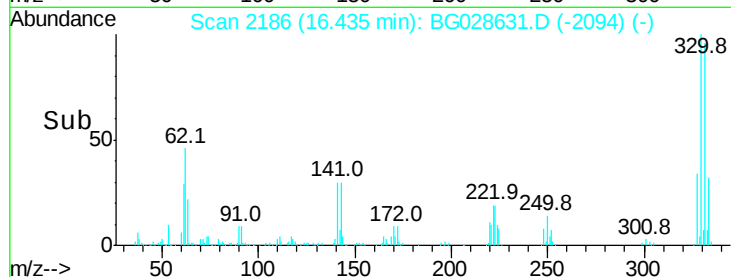
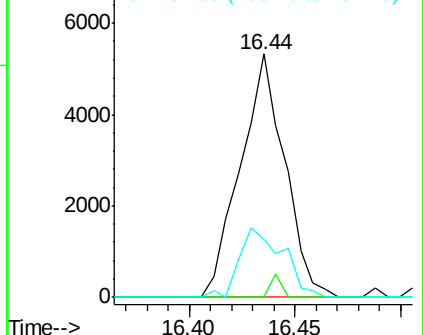
167 23.8 29.8 44.6#



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



#67

Hexachlorobenzene

Concen: 0.016 ng

RT: 17.00 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

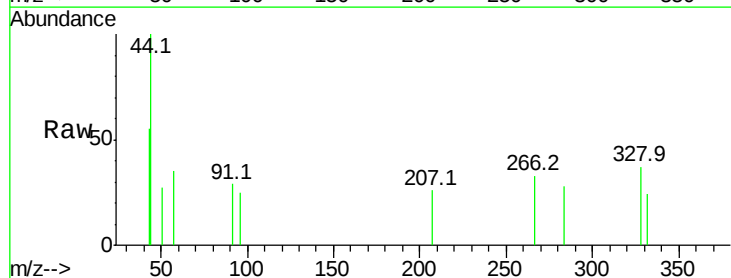
Tgt Ion:284 Resp: 62

Ion Ratio Lower Upper

284 100

142 0.0 29.9 44.9#

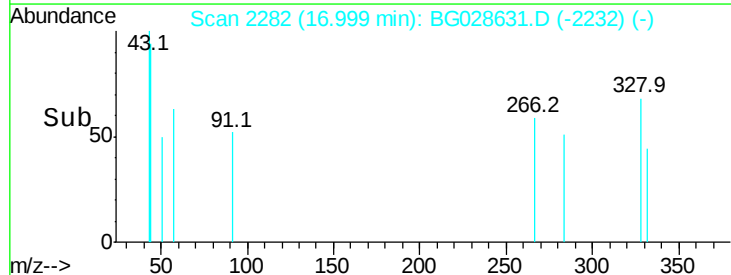
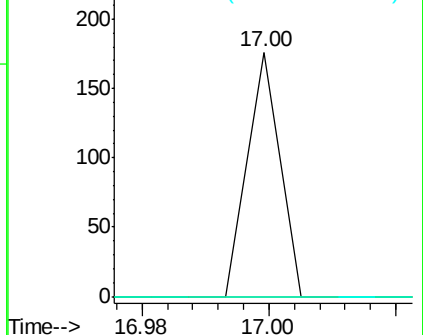
249 0.0 29.2 43.8#

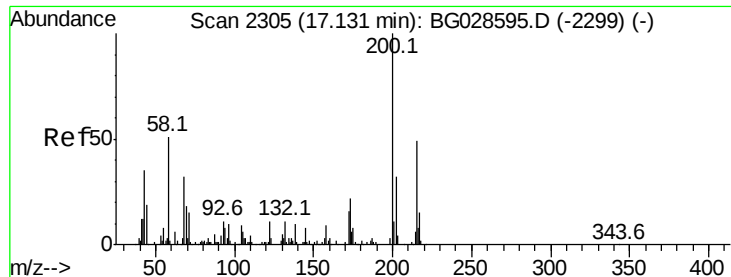


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 0.027 ng

RT: 17.39 min Scan# 2348

Delta R.T. 0.26 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Instrument :

BNA_G

ClientSampled :

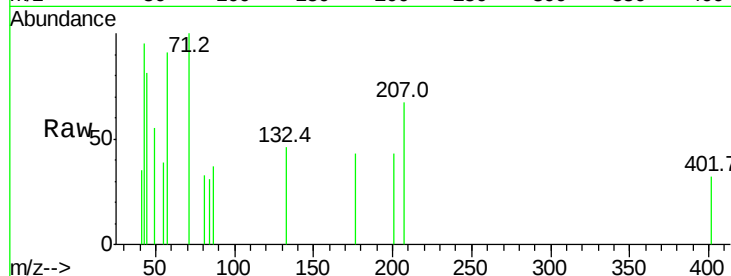
Tot Ion:200 Resp: 75

Ion Ratio Lower Upper

200 100

173 0.0 3.0 43.0#

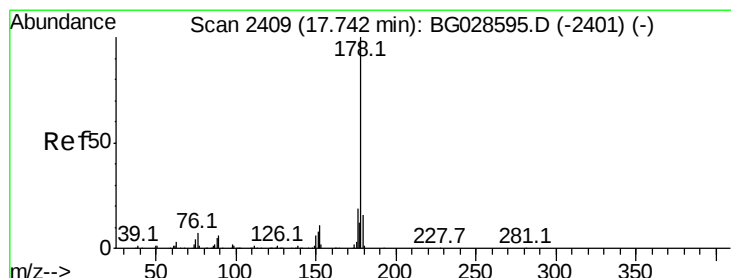
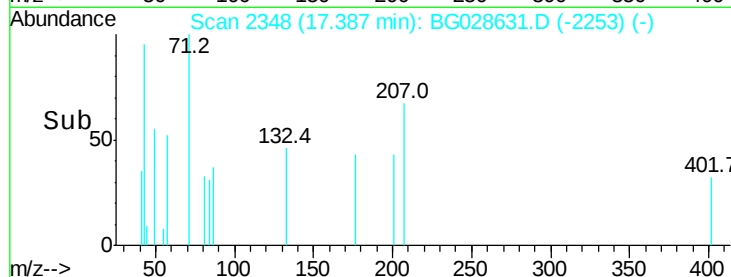
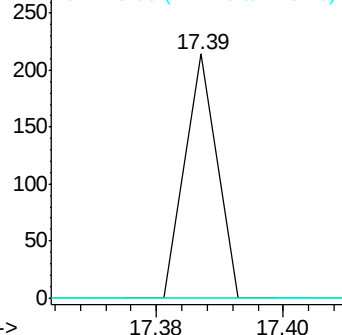
215 0.0 28.4 68.4#



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



#70

Phenanthrene

Concen: 0.021 ng

RT: 17.73 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

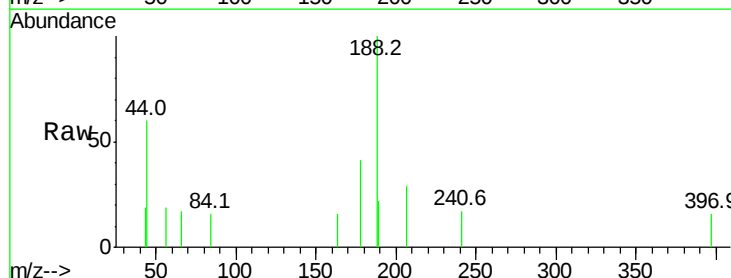
Tgt Ion:178 Resp: 293

Ion Ratio Lower Upper

178 100

176 0.0 17.7 26.5#

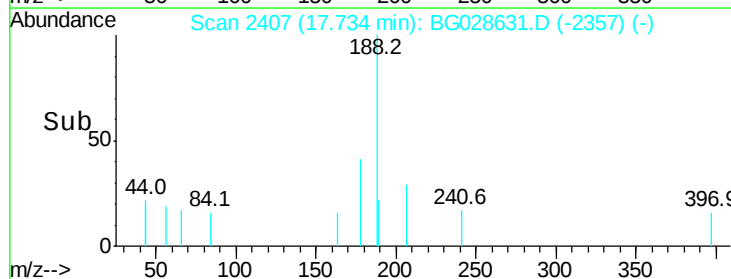
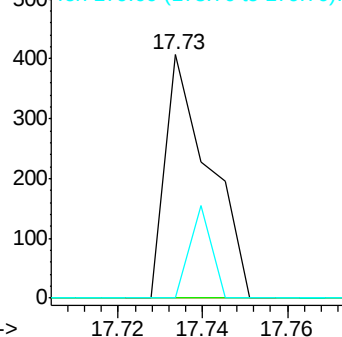
179 0.0 15.0 22.6#

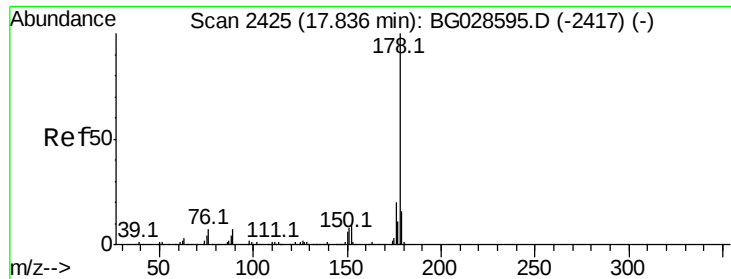


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

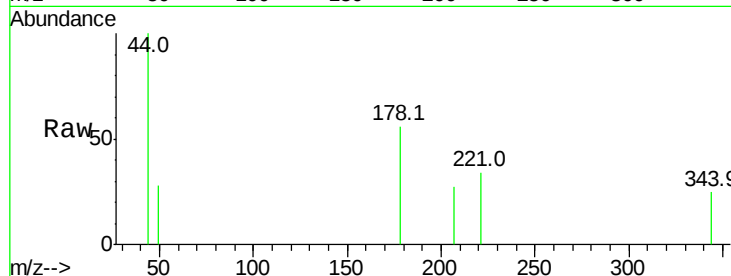




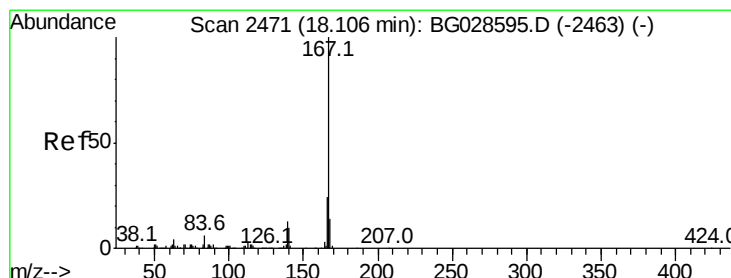
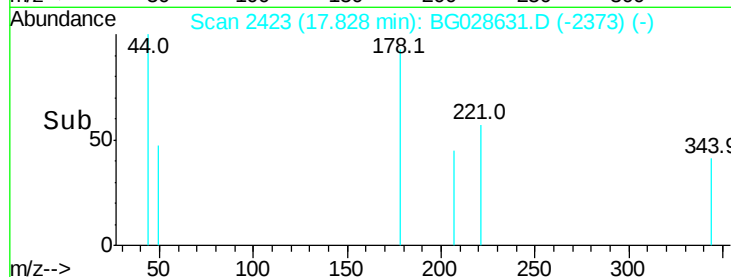
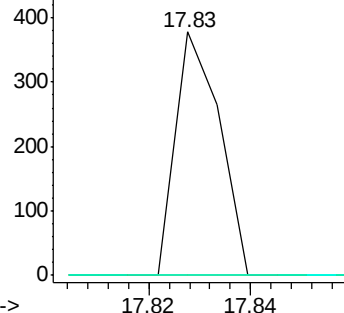
#71
 Anthracene
 Concen: 0.016 ng
 RT: 17.83 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG028631.D
 Acq: 10 Sep 2017 1:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.4	24.6#
179	0.0	13.8	20.8#

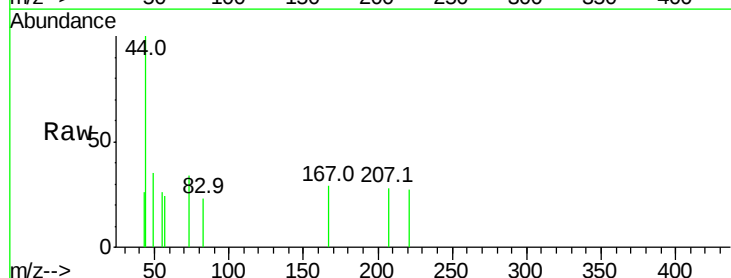


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

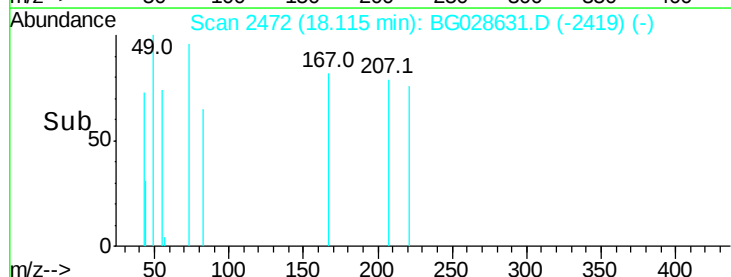
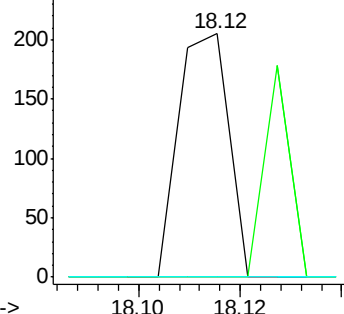


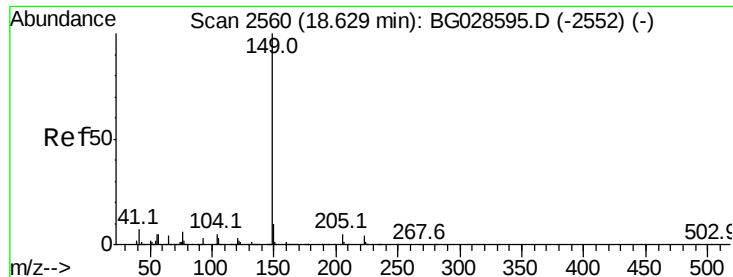
#72
 Carbazole
 Concen: 0.011 ng
 RT: 18.12 min Scan# 2472
 Delta R.T. 0.01 min
 Lab File: BG028631.D
 Acq: 10 Sep 2017 1:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	0.0	20.2	30.2#
139	0.0	12.8	19.2#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.095 ng

RT: 18.62 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Instrument :

BNA_G

ClientSampleId :

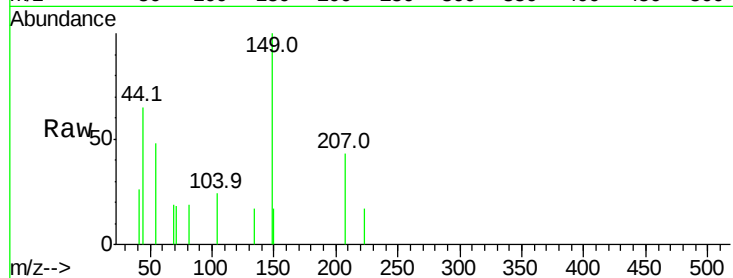
Tot Ion:149 Resp: 1473

Ion Ratio Lower Upper

149 100

150 17.3 9.1 13.7#

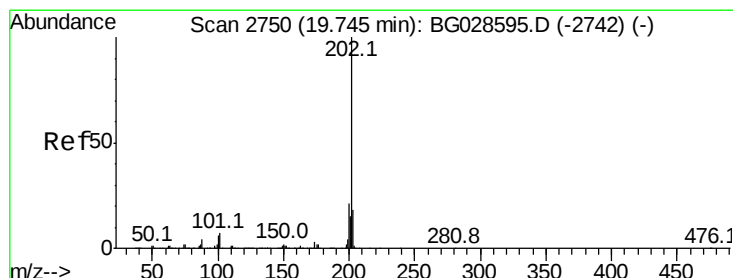
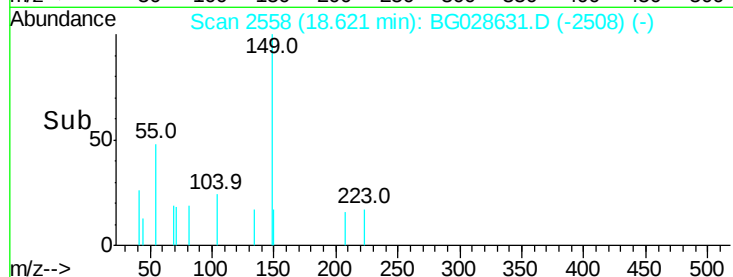
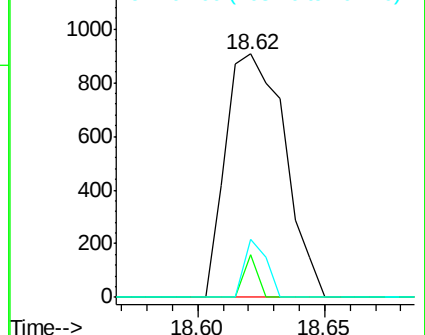
104 24.0 6.7 10.1#



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: 0.015 ng

RT: 19.75 min Scan# 2750

Delta R.T. 0.00 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

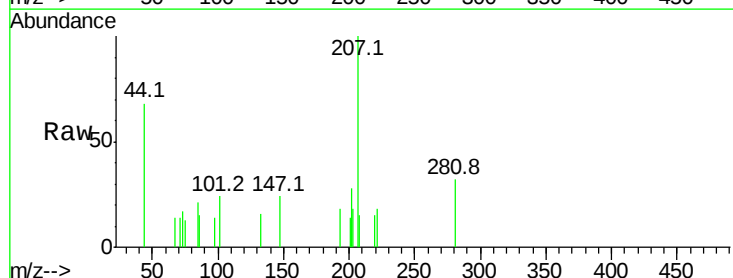
Tgt Ion:202 Resp: 263

Ion Ratio Lower Upper

202 100

101 86.6 0.0 30.1#

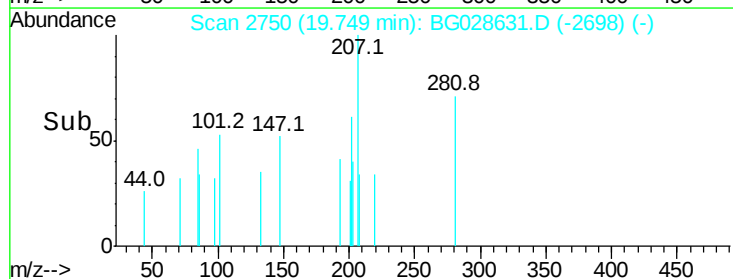
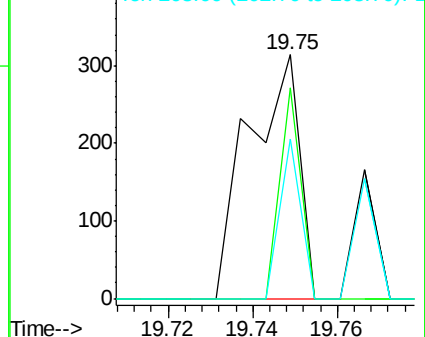
203 65.3 1.3 41.3#

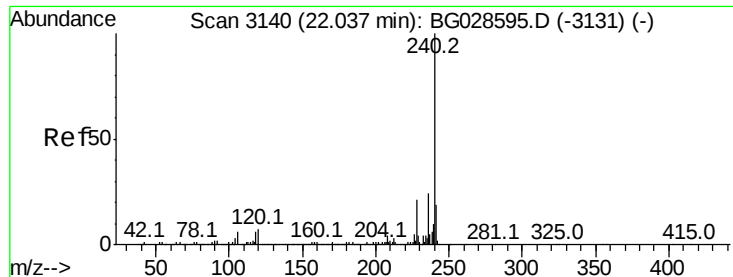


Abundance Ion 202.00 (201.70 to 202.70): E

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: 22.03 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Instrument :

BNA_G

ClientSampleId :

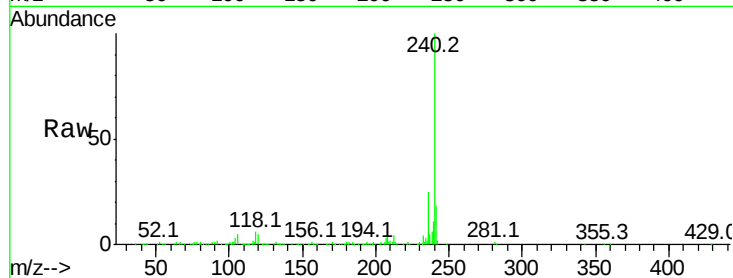
Tot Ion:240 Resp: 324072

Ion Ratio Lower Upper

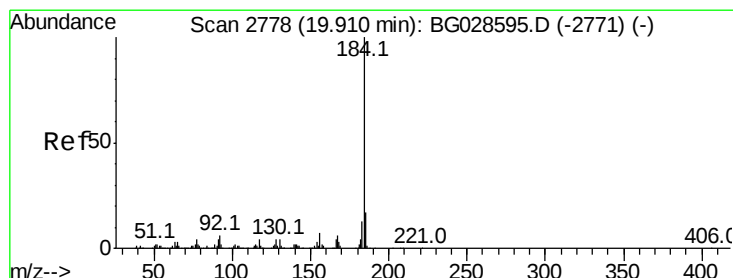
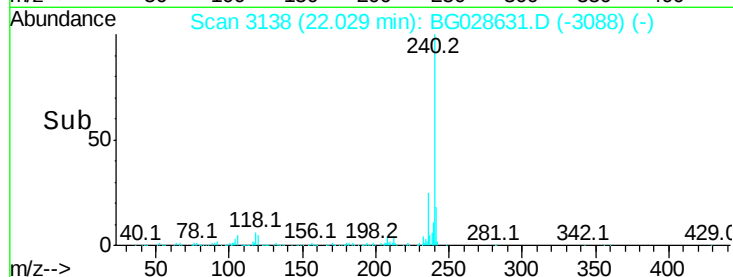
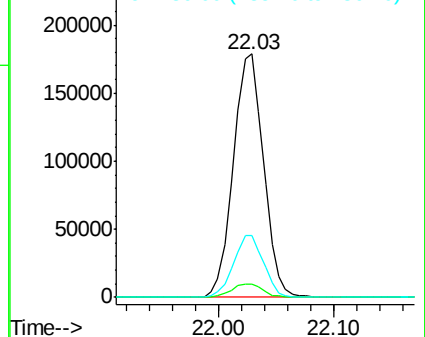
240 100

120 5.5 5.7 8.5#

236 25.3 22.2 33.4



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: 0.012 ng

RT: 19.94 min Scan# 2782

Delta R.T. 0.03 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

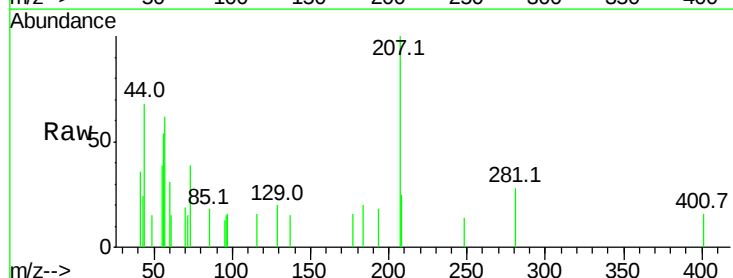
Tgt Ion:184 Resp: 81

Ion Ratio Lower Upper

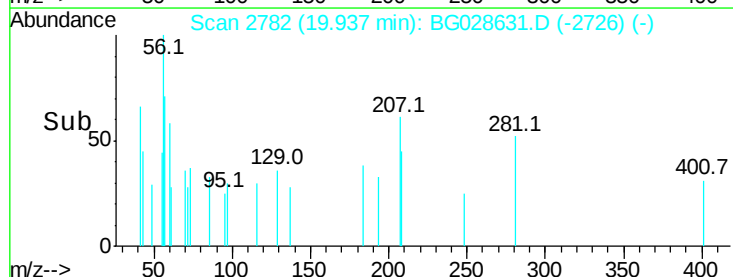
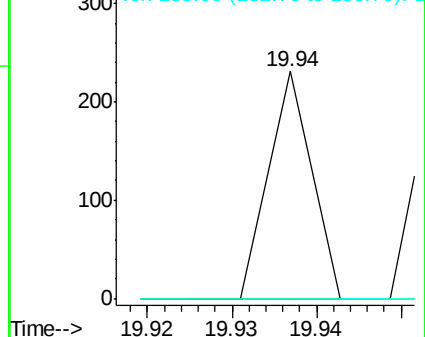
184 100

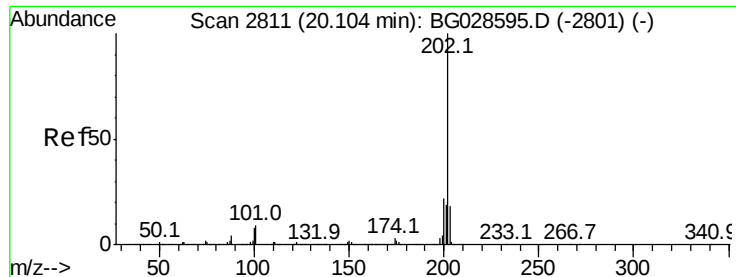
185 0.0 13.0 19.6#

183 0.0 11.0 16.6#



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

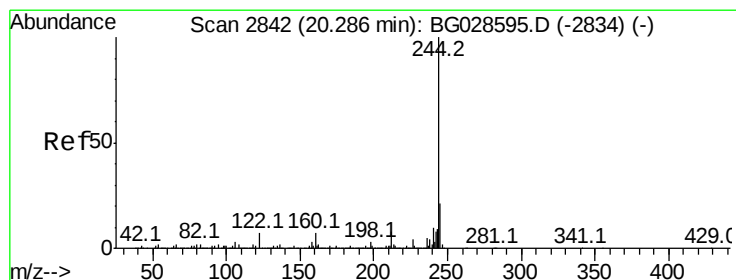
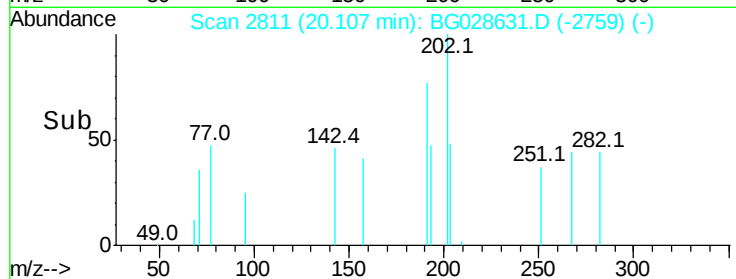
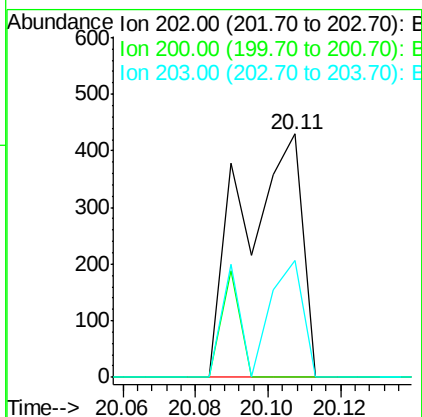
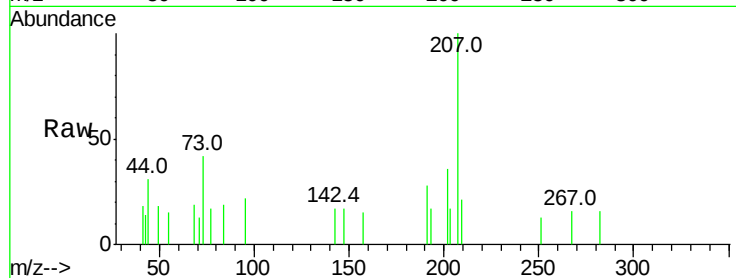




#77
Pvrene
Concen: 0.025 ng
RT: 20.11 min Scan# 2811
Delta R.T. 0.00 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

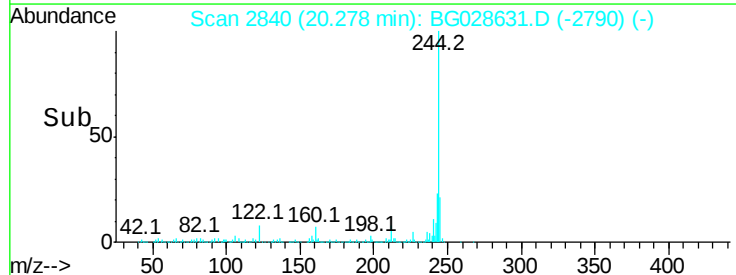
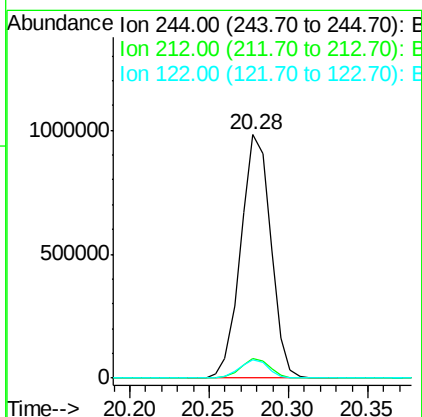
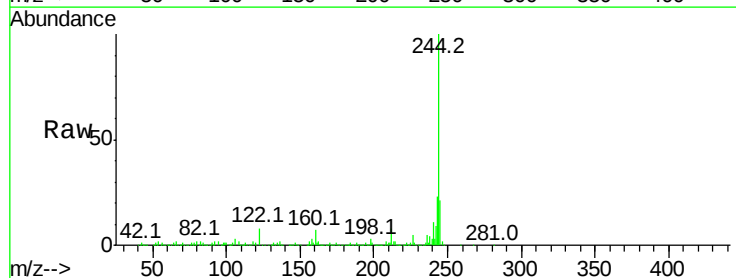
Instrument :
BNA_G
ClientSampleId :

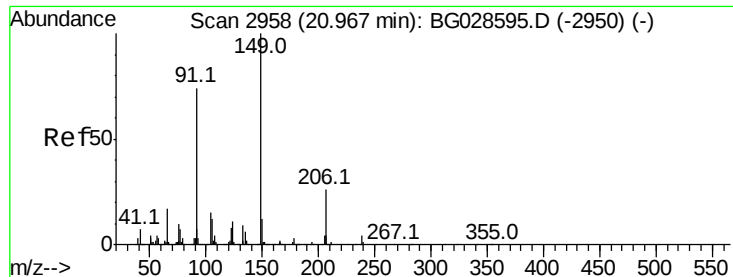
Tot Ion:202 Resp: 487
Ion Ratio Lower Upper
202 100
200 0.0 19.6 29.4#
203 48.1 15.8 23.8#



#78
Terphenyl-d14
Concen: 85.969 ng
RT: 20.28 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

Tgt Ion:244 Resp: 1293105
Ion Ratio Lower Upper
244 100
212 7.9 10.0 15.0#
122 7.7 8.6 12.8#

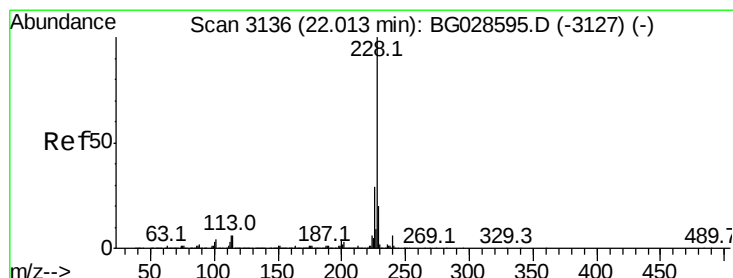
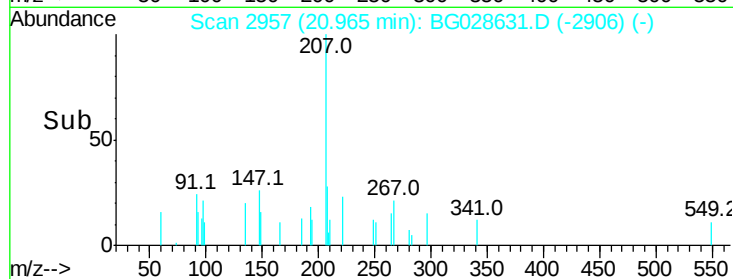
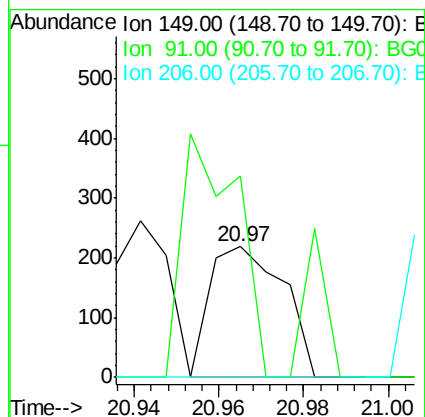
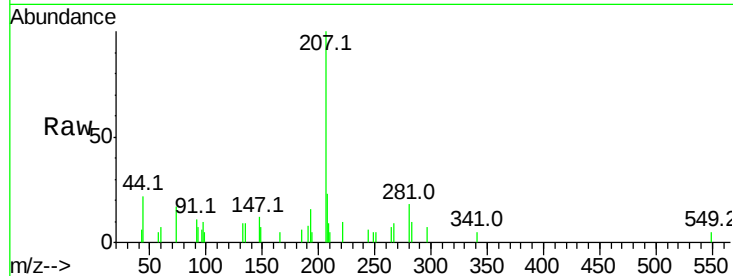




#79
Butylbenzylphthalate
Concen: 0.036 ng
RT: 20.97 min Scan# 2957
Delta R.T. -0.00 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

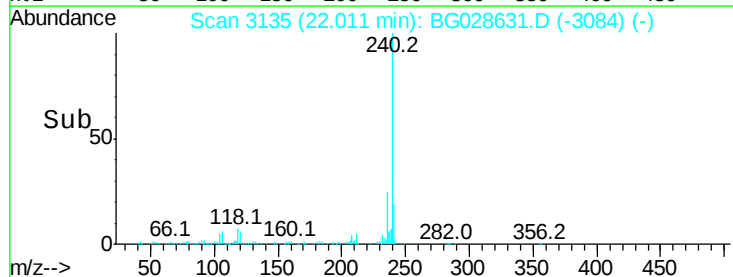
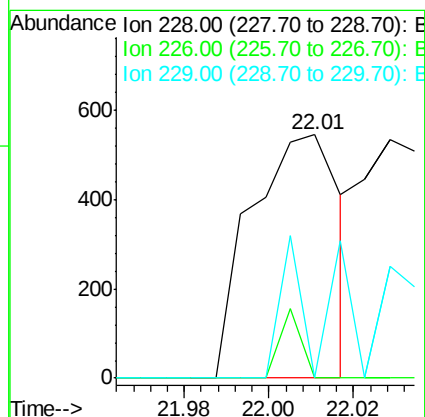
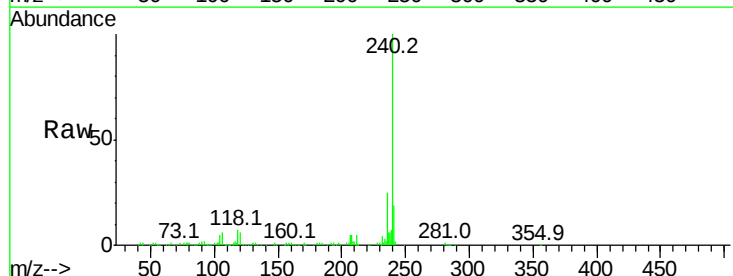
Instrument :
BNA_G
ClientSampled :

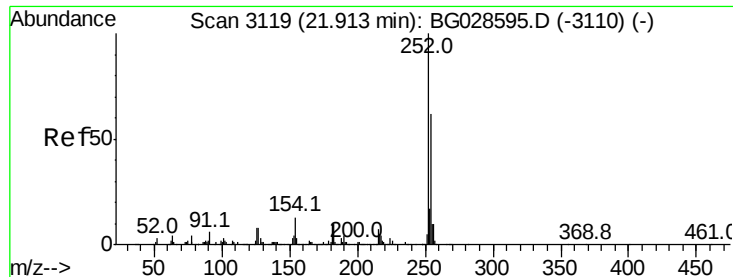
Tot Ion:149 Resp: 265
Ion Ratio Lower Upper
149 100
91 154.3 63.5 95.3#
206 0.0 21.0 31.6#



#80
Benzo(a)anthracene
Concen: 0.041 ng
RT: 22.01 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

Tgt Ion:228 Resp: 797
Ion Ratio Lower Upper
228 100
226 0.0 24.9 37.3#
229 0.0 18.2 27.2#

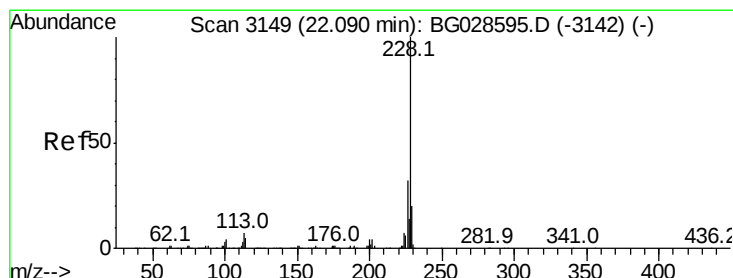
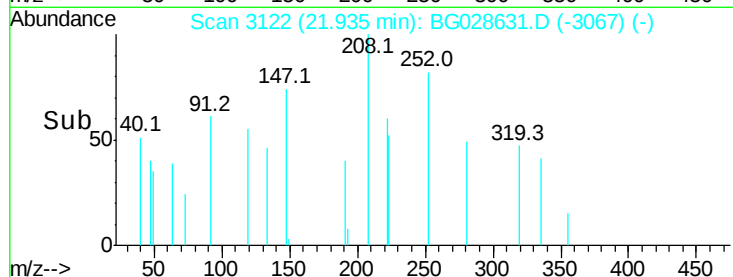
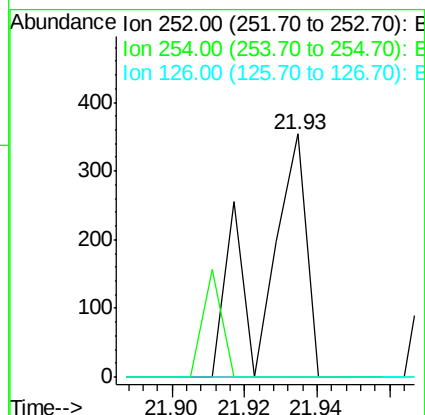
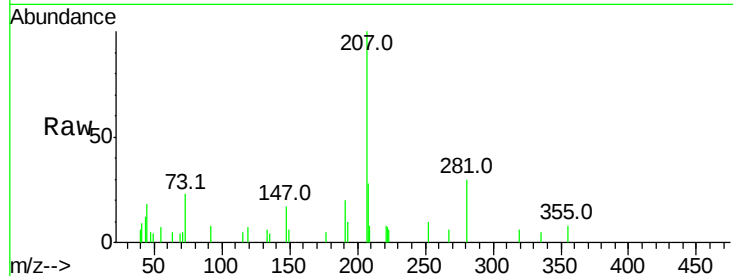




#81
 3,3'-Dichlorobenzidine
 Concen: 0.038 ng
 RT: 21.93 min Scan# 3122
 Delta R.T. 0.02 min
 Lab File: BG028631.D
 Acq: 10 Sep 2017 1:31

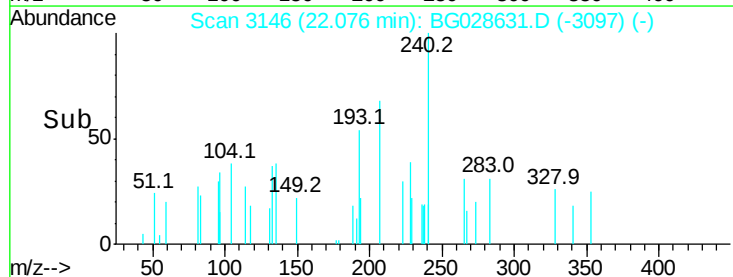
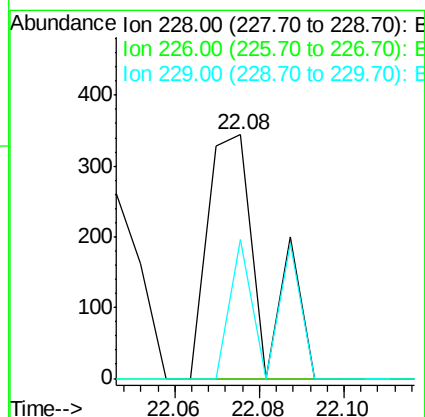
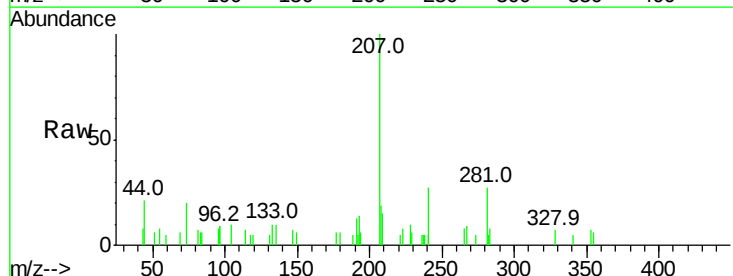
Instrument :
 BNA_G
 ClientSampled :

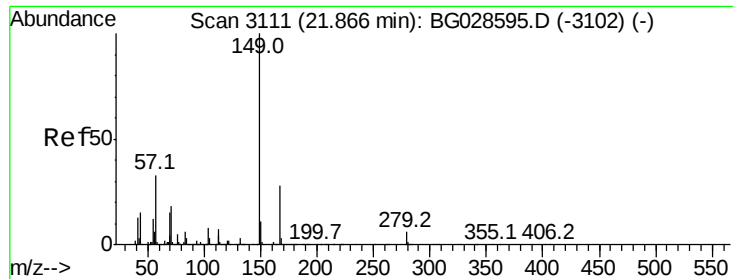
Tot Ion	Ratio	Lower	Upper
252	100		
254	0.0	53.1	79.7#
126	0.0	7.0	10.4#



#82
 Chrysene
 Concen: 0.017 ng
 RT: 22.08 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG028631.D
 Acq: 10 Sep 2017 1:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	27.0	40.4#
229	57.3	17.8	26.6#

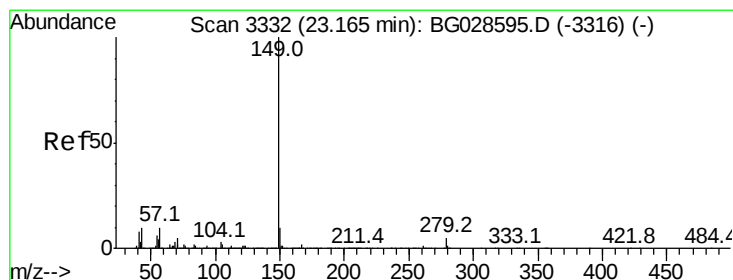
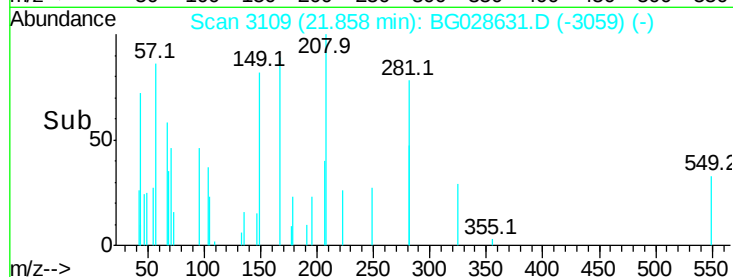
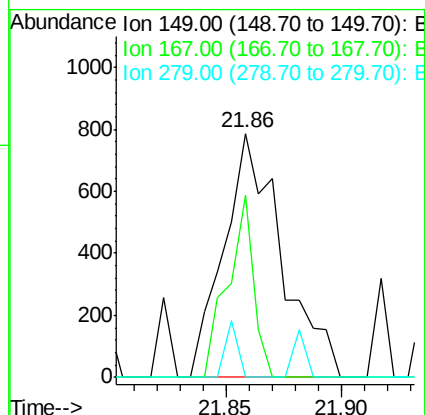
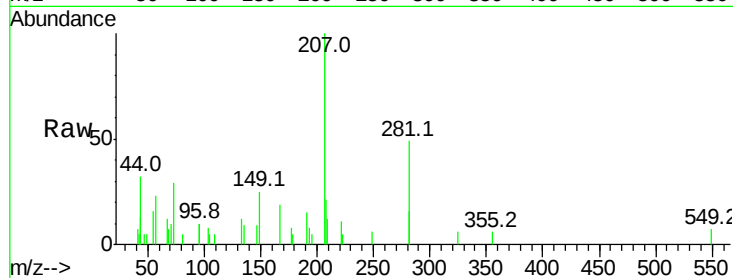




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.128 ng
 RT: 21.86 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BG028631.D
 Acq: 10 Sep 2017 1:31

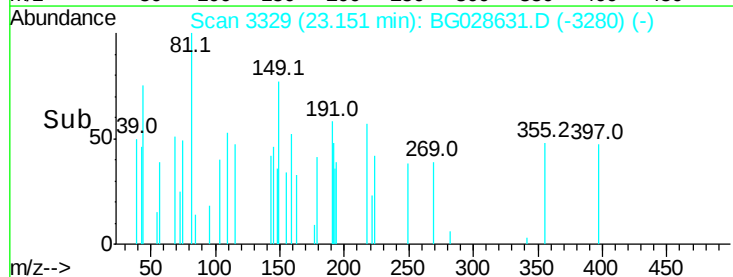
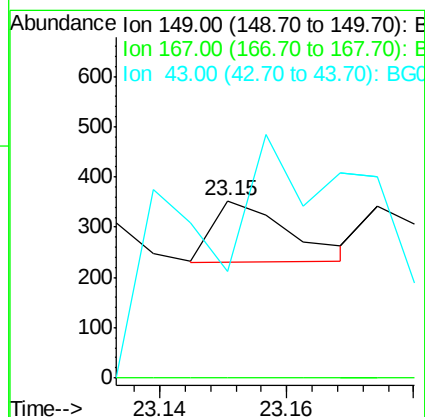
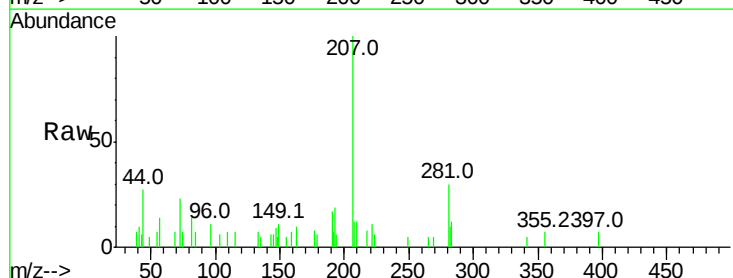
Instrument :
 BNA_G
 ClientSampleId :

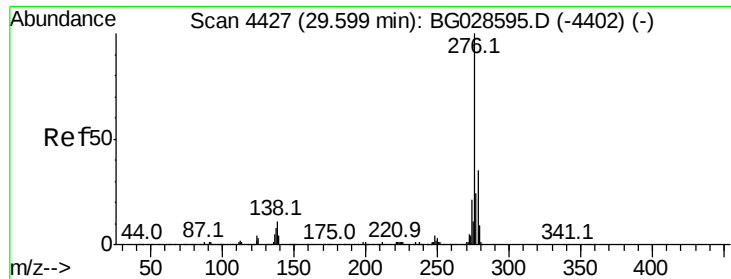
Tot Ion:149 Resp: 1367
 Ion Ratio Lower Upper
 149 100
 167 74.7 23.7 35.5#
 279 0.0 4.6 6.8#



#84
 Di-n-octyl phthalate
 Concen: 0.005 ng
 RT: 23.15 min Scan# 3329
 Delta R.T. -0.01 min
 Lab File: BG028631.D
 Acq: 10 Sep 2017 1:31

Tgt Ion:149 Resp: 100
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.2#
 43 957.0 11.8 17.6#

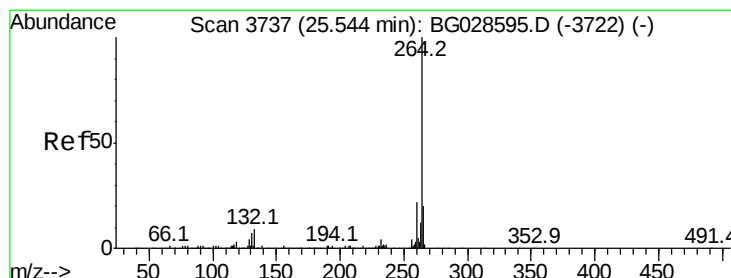
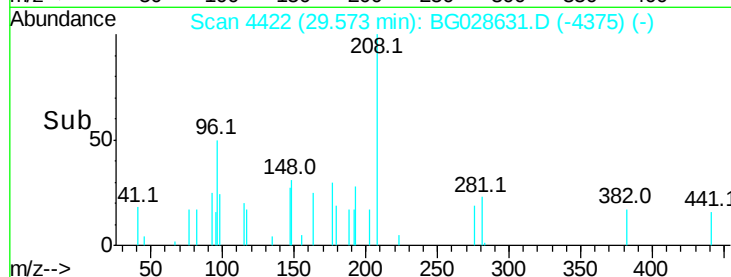
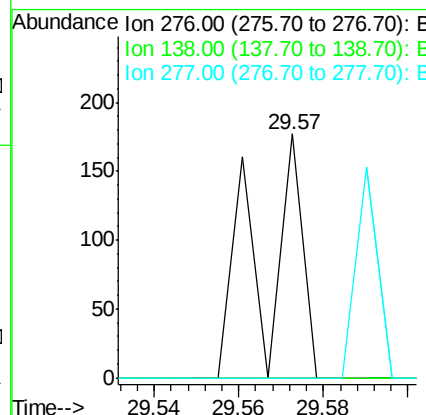
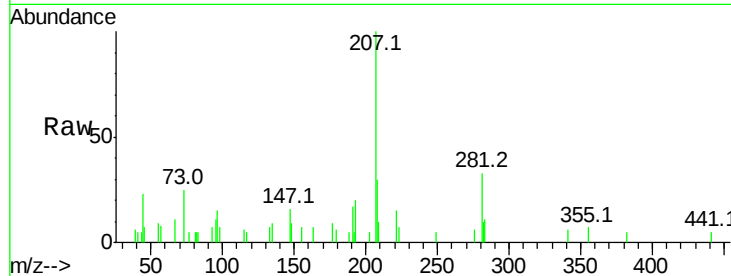




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.005 ng
 RT: 29.57 min Scan# 4422
 Delta R.T. -0.03 min
 Lab File: BG028631.D
 Acq: 10 Sep 2017 1:31

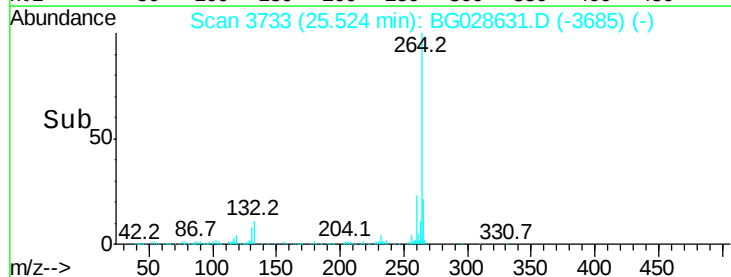
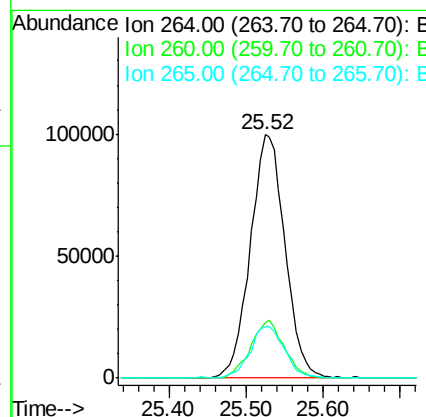
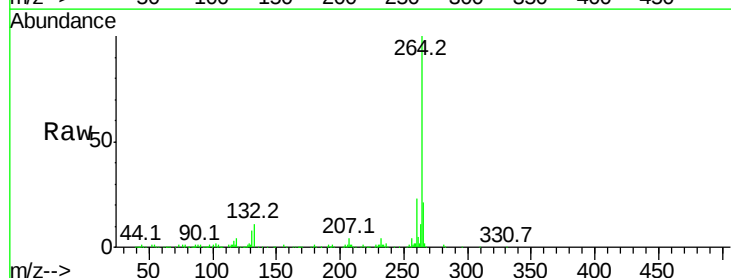
Instrument :
 BNA_G
 ClientSampleId :

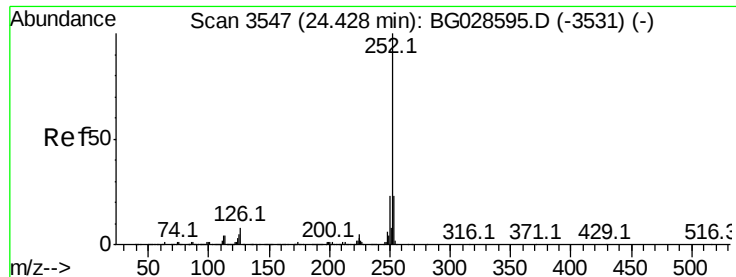
Tot Ion:276 Resp: 119
 Ion Ratio Lower Upper
 276 100
 138 0.0 4.7 7.1#
 277 45.4 20.6 31.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.52 min Scan# 3733
 Delta R.T. -0.02 min
 Lab File: BG028631.D
 Acq: 10 Sep 2017 1:31

Tgt Ion:264 Resp: 313595
 Ion Ratio Lower Upper
 264 100
 260 22.8 21.8 32.8
 265 21.2 18.2 27.4

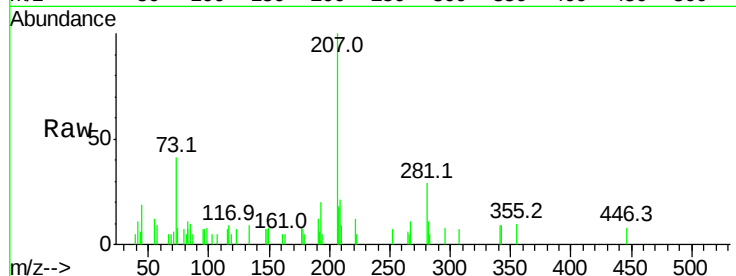




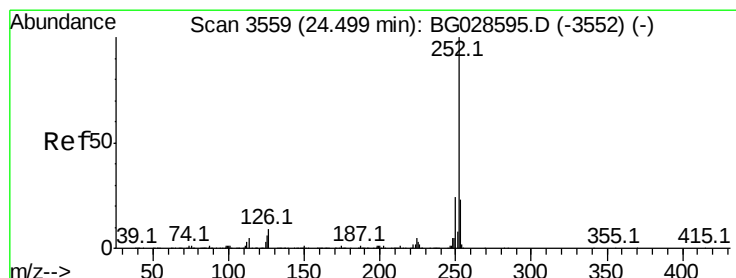
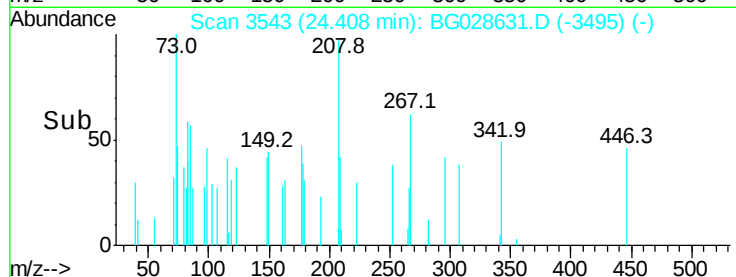
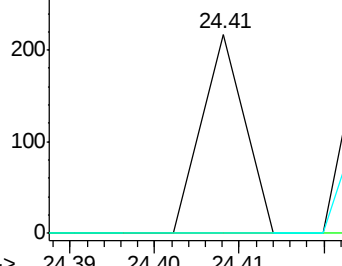
#87
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 24.41 min Scan# 3543
Delta R.T. -0.02 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.7	28.1#
125	0.0	5.3	7.9#

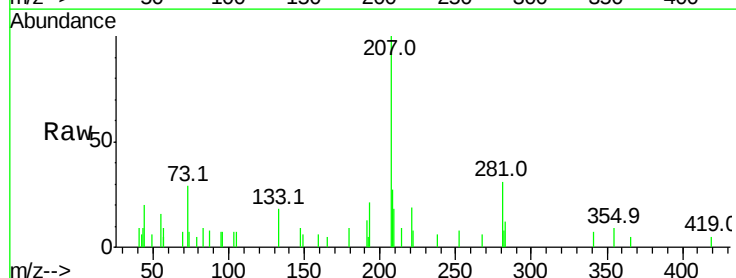


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

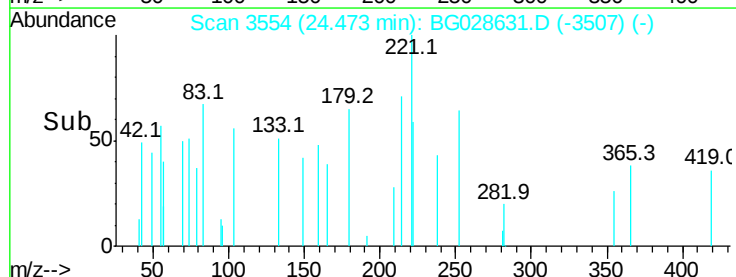
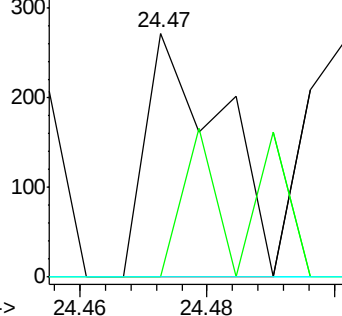


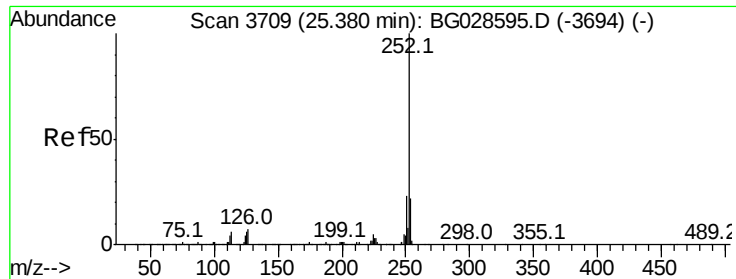
#88
Benzo(k)fluoranthene
Concen: 0.012 ng
RT: 24.47 min Scan# 3554
Delta R.T. -0.03 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	20.2	30.2#
125	0.0	5.1	7.7#



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: 0.008 ng

RT: 25.36 min Scan# 3705

Delta R.T. -0.02 min

Lab File: BG028631.D

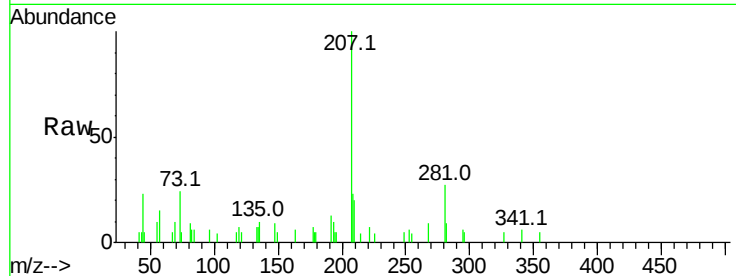
Acq: 10 Sep 2017 1:31

Instrument :

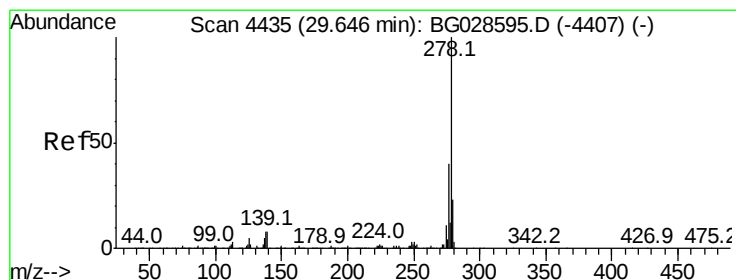
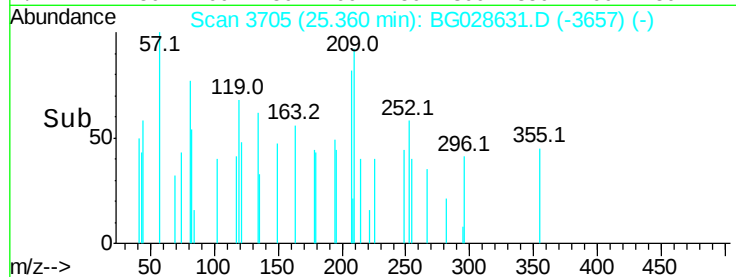
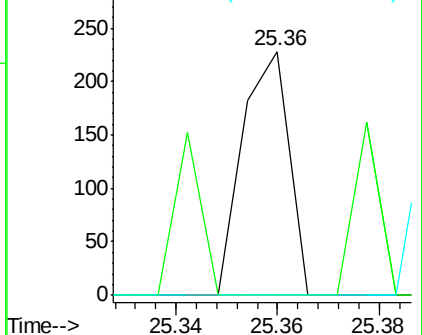
BNA_G

ClientSampled :

Tot Ion:	252	Resp:	144
Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.2	28.8#
125	0.0	5.4	8.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 0.007 ng

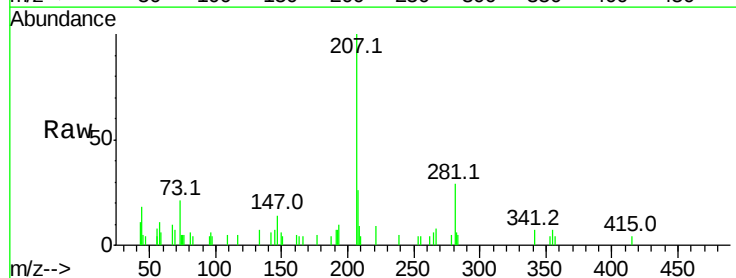
RT: 29.64 min Scan# 4434

Delta R.T. -0.00 min

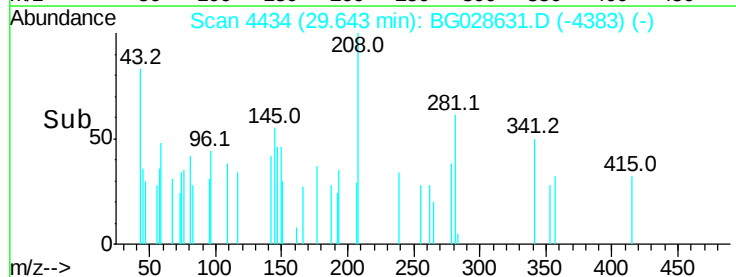
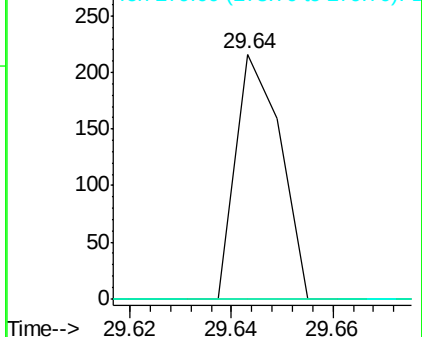
Lab File: BG028631.D

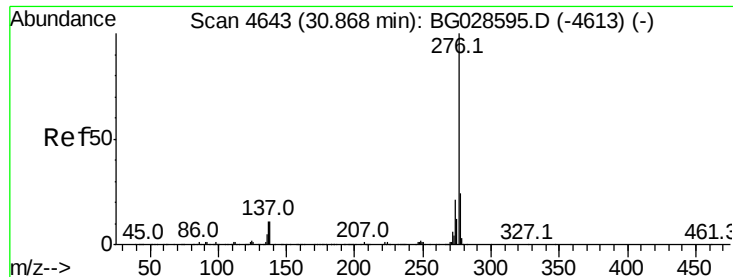
Acq: 10 Sep 2017 1:31

Tgt Ion:	278	Resp:	132
Ion	Ratio	Lower	Upper
278	100		
139	0.0	7.7	11.5#
279	0.0	19.1	28.7#



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: 0.012 ng

RT: 30.84 min Scan# 4637

Delta R.T. -0.03 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Instrument :

BNA_G

ClientSampleId :

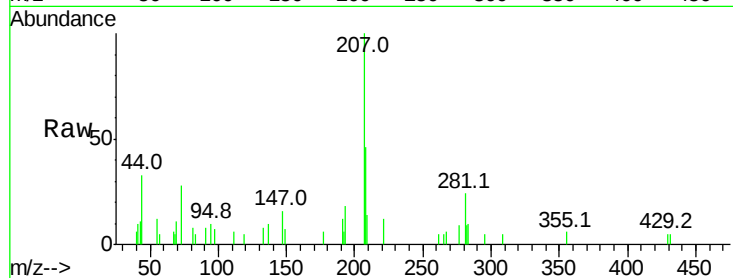
Tot Ion: 276 Resp: 222

Ion Ratio Lower Upper

276 100

277 0.0 18.6 27.8#

138 0.0 8.1 12.1#



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

