

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091017\
 Data File : BG028623.D
 Acq On : 9 Sep 2017 20:17
 Operator : SJ/JU
 Sample : I5187-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 07:13:12 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	8.34	152	31203	20.00	ng	0.00
21) Naphthalene-d8	11.16	136	122311	20.00	ng	0.00
38) Acenaphthene-d10	14.95	164	85588	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	245095	20.00	ng	0.00
75) Chrysene-d12	22.03	240	294010	20.00	ng	-0.01
86) Perylene-d12	25.53	264	287943	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.91	112	135705	73.23	ng	0.00
7) Phenol-d6	7.49	99	119654	44.51	ng	0.00
23) Nitrobenzene-d5	9.50	82	254570	95.57	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	242088	186.10	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	650943	99.50	ng	0.00
78) Terphenyl-d14	20.28	244	1321937	96.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.86	88	53	0.070	ng	# 1
3) Pyridine	4.33	79	54	0.023	ng	# 1
4) n-Nitrosodimethylamine	4.16	42	61	0.054	ng	# 7
6) Aniline	7.85	93	357	0.104	ng	# 1
8) 2-Chlorophenol	7.85	128	74	0.035	ng	# 1
9) Benzaldehyde	7.48	77	71	0.045	ng	# 10
10) Phenol	7.37	94	55	0.019	ng	# 28
11) bis(2-Chloroethyl)ether	7.85	93	357	0.167	ng	# 54
13) 1,4-Dichlorobenzene	8.62	146	57	0.024	ng	# 23
14) 1,2-Dichlorobenzene	8.62	146	57	0.024	ng	# 21
15) Benzyl Alcohol	8.66	79	4035	1.894	ng	# 54
16) 2,2'-oxybis(1-Chloropropan	8.96	45	72	0.016	ng	# 74
19) n-Nitroso-di-n-propylamine	9.18	70	72	0.034	ng	# 29
22) Acetophenone	9.16	105	719	0.212	ng	# 79
24) Nitrobenzene	9.56	77	55	0.020	ng	# 49
25) Isophorone	10.17	82	66	0.013	ng	# 67
27) 2,4-Dimethylphenol	10.02	122	55	0.026	ng	# 1
28) bis(2-Chloroethoxy)methane	10.51	93	60	0.020	ng	# 50
29) 2,4-Dichlorophenol	10.65	162	58	0.028	ng	# 25
31) Naphthalene	11.38	128	57	0.009	ng	# 67
32) Benzoic acid	10.60	122	55	0.041	ng	# 1
45) 1,1'-Biphenyl	13.79	154	744	0.104	ng	# 91
48) Acenaphthylene	14.55	152	60	0.007	ng	# 58
49) Dimethylphthalate	14.40	163	56	0.008	ng	# 74
50) 2,6-Dinitrotoluene	14.48	165	113	0.073	ng	# 11
51) Acenaphthene	14.95	154	285	0.056	ng	# 6
55) 4-Nitrophenol	15.13	139	75	0.067	ng	# 1
59) Diethylphthalate	15.74	149	1873	0.253	ng	# 92
62) Azobenzene	16.23	77	57	0.009	ng	# 47
65) n-Nitrosodiphenylamine	16.44	169	7635	1.055	ng	# 43
70) Phenanthrene	17.74	178	165	0.013	ng	# 56
71) Anthracene	17.74	178	165	0.012	ng	# 58
72) Carbazole	18.28	167	59	0.005	ng	# 55
73) Di-n-butylphthalate	18.63	149	1612	0.112	ng	# 73

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

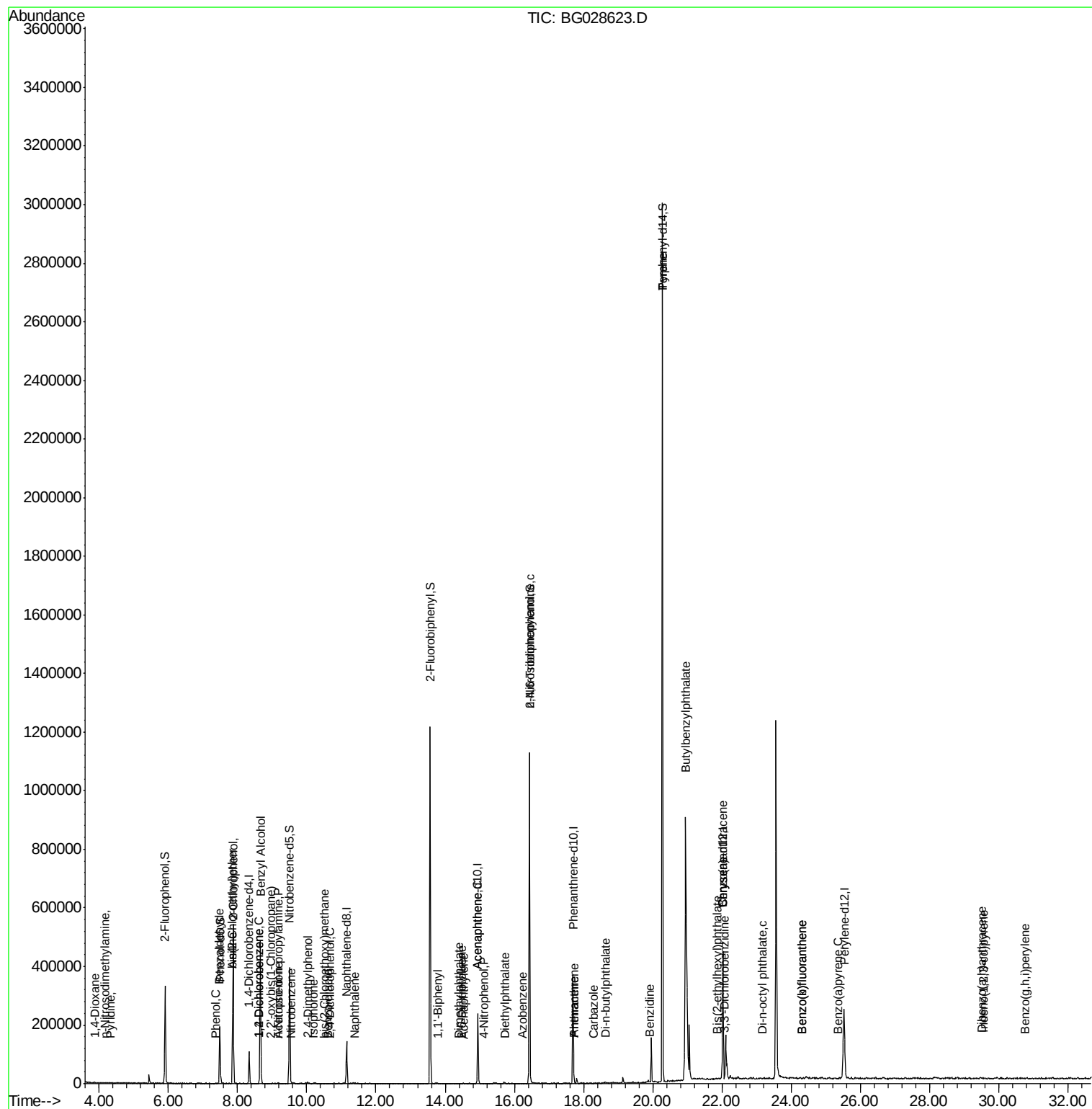
76) Benzidine	19.92	184	197	0.033	ng	# 64
77) Pyrene	20.27	202	4713	0.270	ng	# 75
79) Butylbenzylphthalate	20.95	149	6061	0.899	ng	# 47
80) Benzo(a)anthracene	22.03	228	1002	0.057	ng	# 52
81) 3,3'-Dichlorobenzidine	22.07	252	54	0.008	ng	# 24
82) Chrysene	22.03	228	1002	0.060	ng	# 49
83) Bis(2-ethylhexyl)phthalate	21.85	149	834	0.086	ng	# 51
84) Di-n-octyl phthalate	23.15	149	162	0.010	ng	# 1
85) Indeno(1,2,3-cd)pyrene	29.55	276	84	0.004	ng	# 55
87) Benzo(b)fluoranthene	24.31	252	59	0.003	ng	# 58
88) Benzo(k)fluoranthene	24.31	252	59	0.003	ng	# 56
89) Benzo(a)pyrene	25.34	252	102	0.006	ng	# 32
90) Dibenzo(a,h)anthracene	29.51	278	54	0.003	ng	# 58
91) Benzo(g,h,i)perylene	30.75	276	58	0.003	ng	# 59

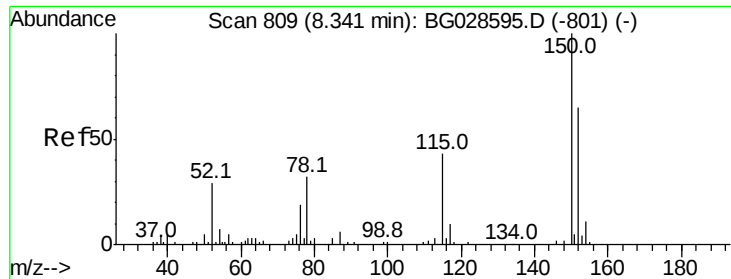
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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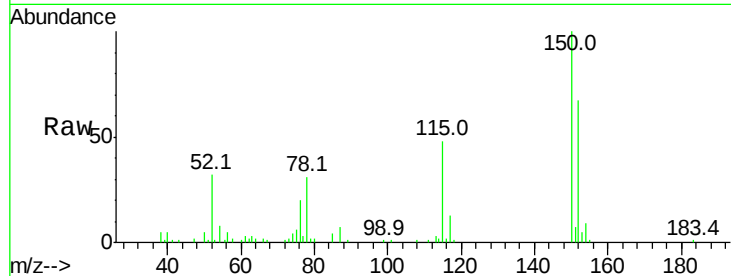


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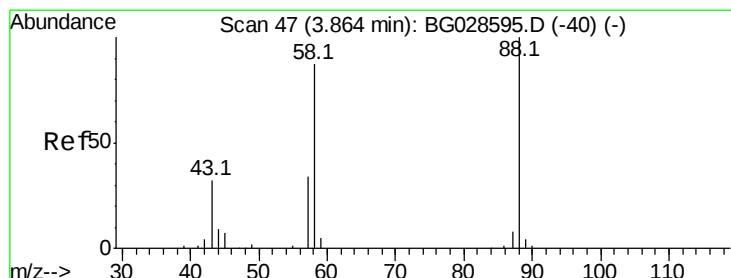
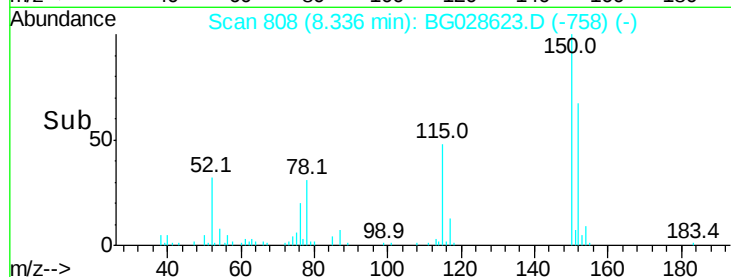
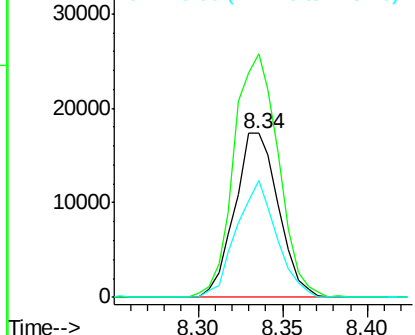
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31203
Ion Ratio Lower Upper
152 100
150 148.4 114.0 171.0
115 71.6 48.1 72.1



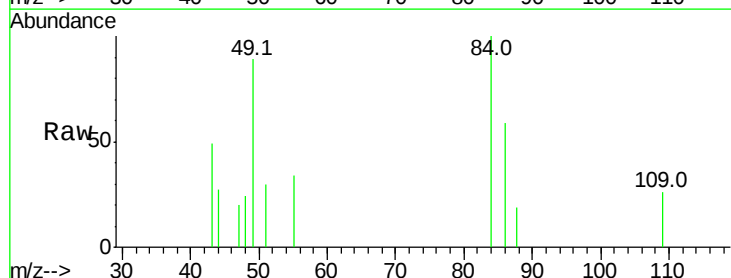
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



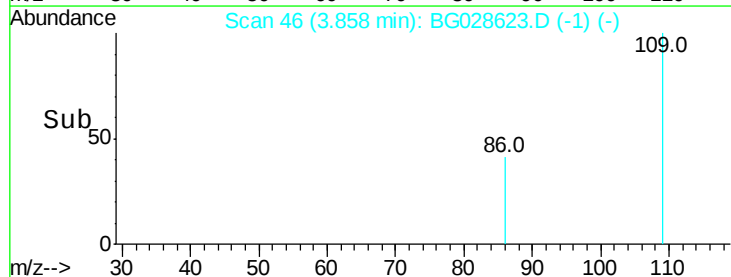
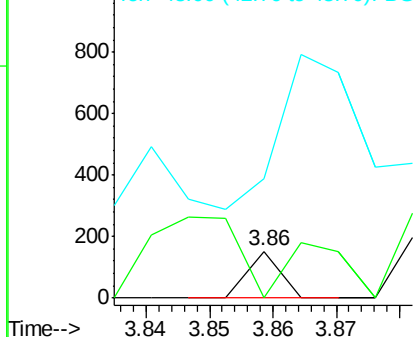
#2

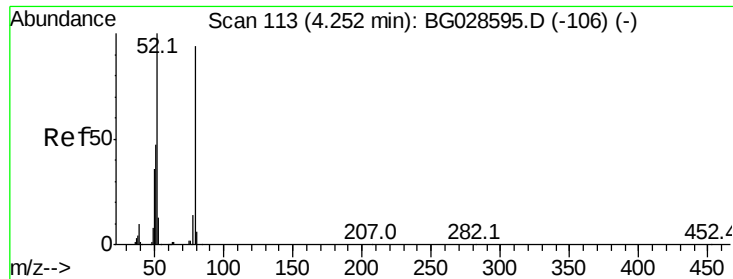
1,4-Dioxane
Concen: 0.070 ng
RT: 3.86 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
58 484.9 79.4 119.2#
43 1007.5 33.8 50.6#



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

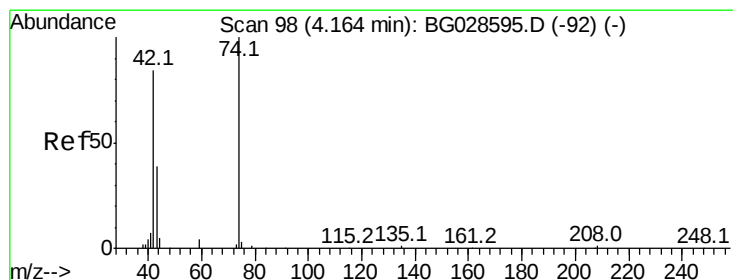
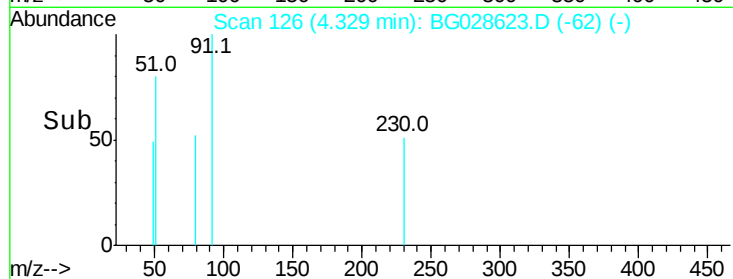
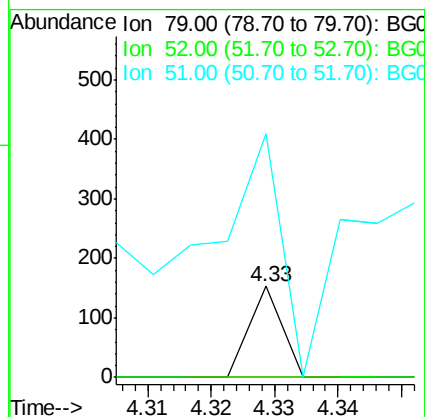
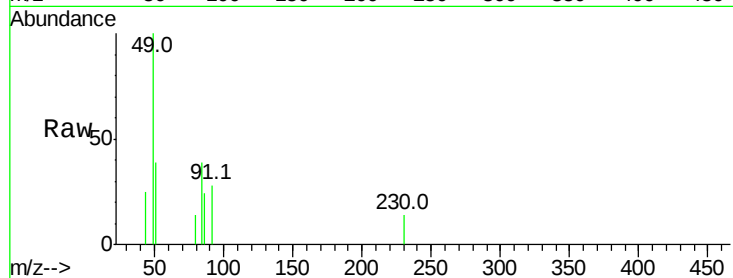




#3
 Pvridine
 Concen: 0.023 ng
 RT: 4.33 min Scan# 126
 Delta R.T. 0.08 min
 Lab File: BG028623.D
 Acq: 9 Sep 2017 20:17

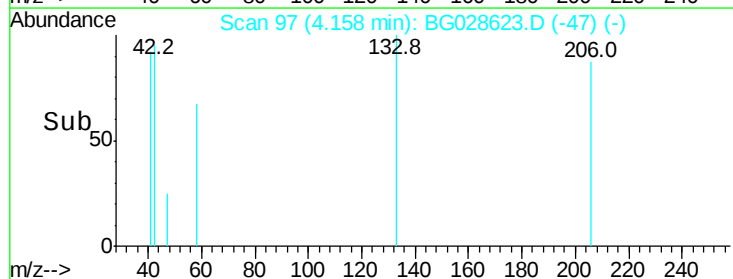
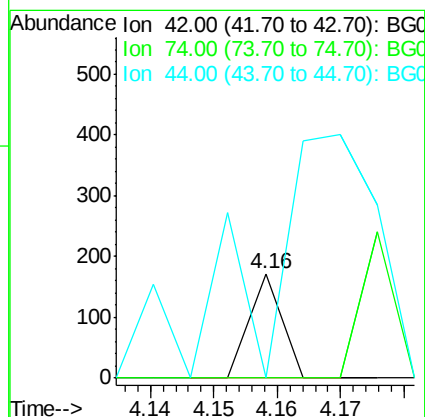
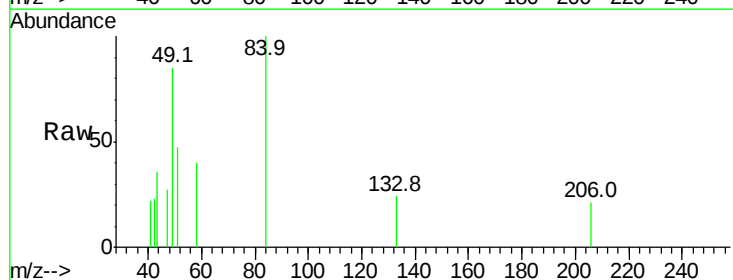
Instrument :
 BNA_G
 ClientSampleId :

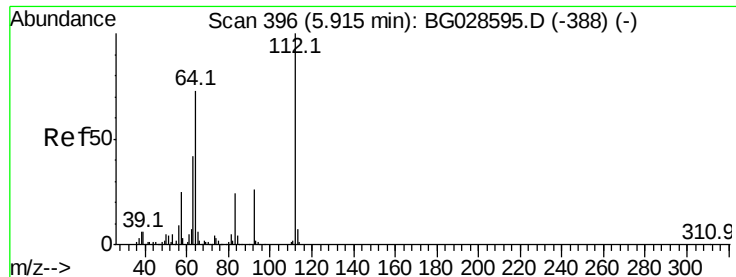
Tot Ion: 79 Resp: 54
 Ion Ratio Lower Upper
 79 100
 52 0.0 77.8 116.6#
 51 267.3 43.2 64.8#



#4
 n-Nitrosodimethylamine
 Concen: 0.054 ng
 RT: 4.16 min Scan# 97
 Delta R.T. -0.01 min
 Lab File: BG028623.D
 Acq: 9 Sep 2017 20:17

Tgt Ion: 42 Resp: 61
 Ion Ratio Lower Upper
 42 100
 74 0.0 76.7 115.1#
 44 0.0 6.1 9.1#





#5

2-Fluorophenol

Concen: 73.227 ng

RT: 5.91 min Scan# 395

Delta R.T. -0.00 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

Instrument :

BNA_G

ClientSampleId :

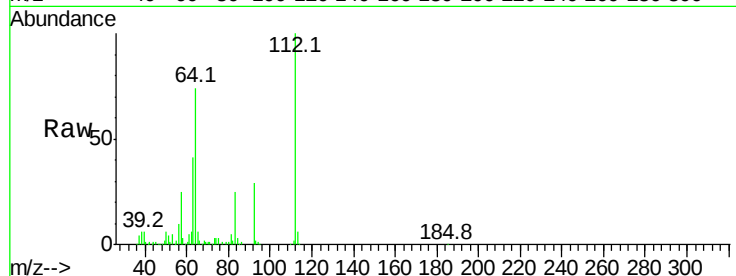
Tot Ion:112 Resp: 135705

Ion Ratio Lower Upper

112 100

64 74.2 61.8 92.6

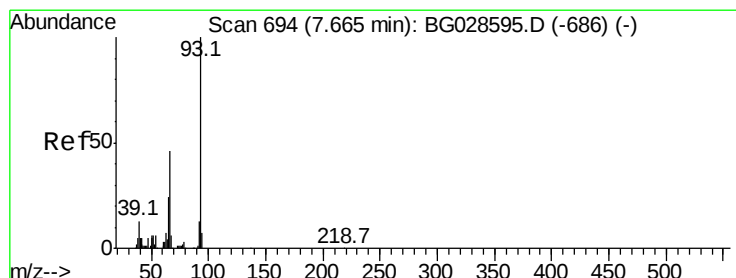
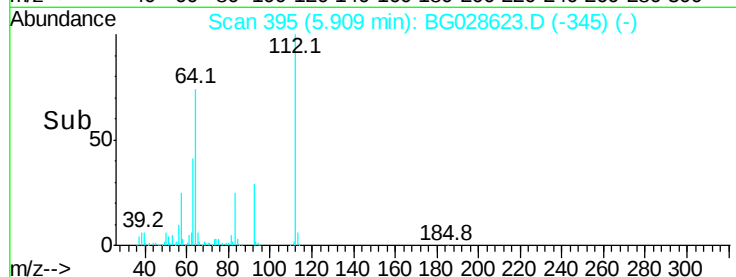
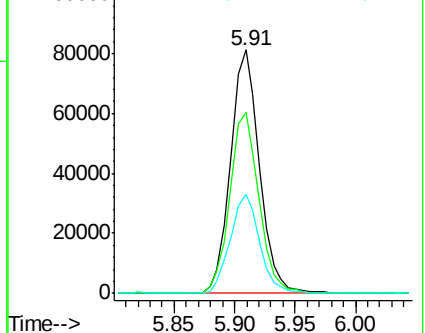
63 40.6 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.104 ng

RT: 7.85 min Scan# 725

Delta R.T. 0.18 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

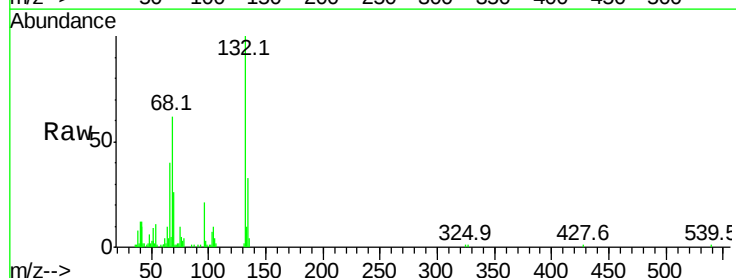
Tgt Ion: 93 Resp: 357

Ion Ratio Lower Upper

93 100

66 3495.3 35.4 53.2#

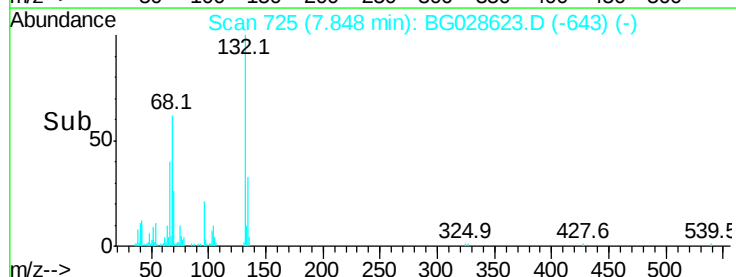
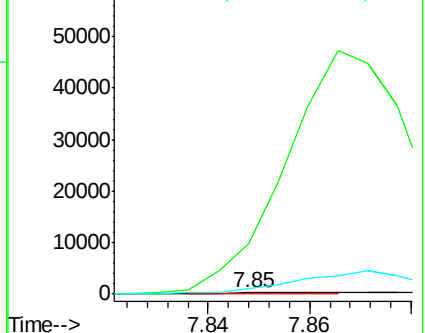
65 360.2 21.2 31.8#

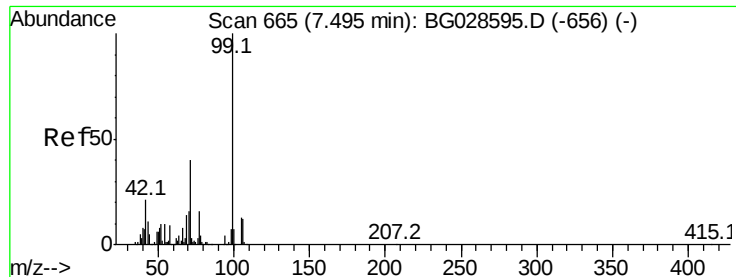


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 44.514 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

Instrument :

BNA_G

ClientSampleId :

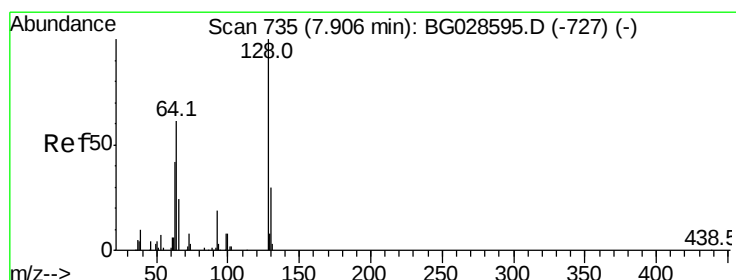
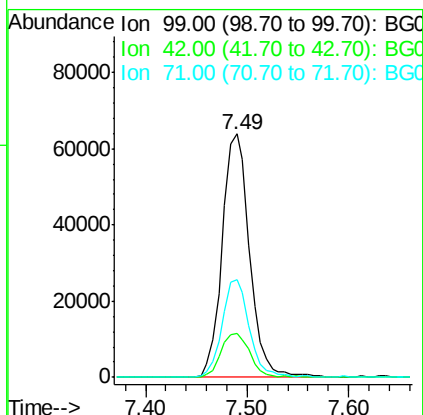
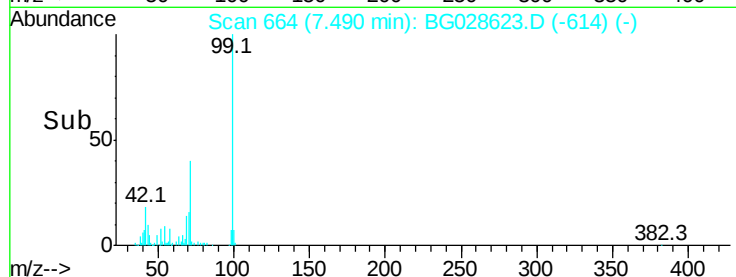
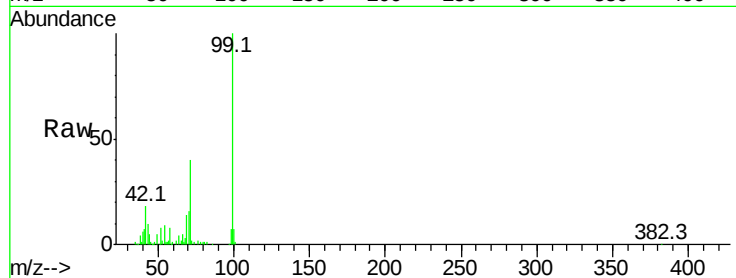
Tot Ion: 99 Resp: 119654

Ion Ratio Lower Upper

99 100

42 18.0 20.5 30.7#

71 39.9 37.6 56.4



#8

2-Chlorophenol

Concen: 0.035 ng

RT: 7.85 min Scan# 726

Delta R.T. -0.05 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

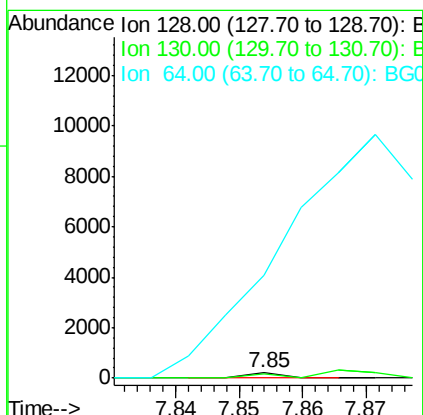
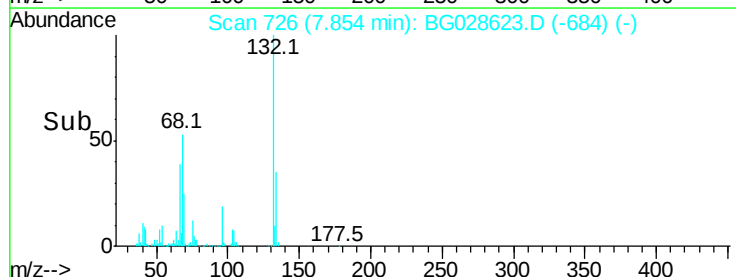
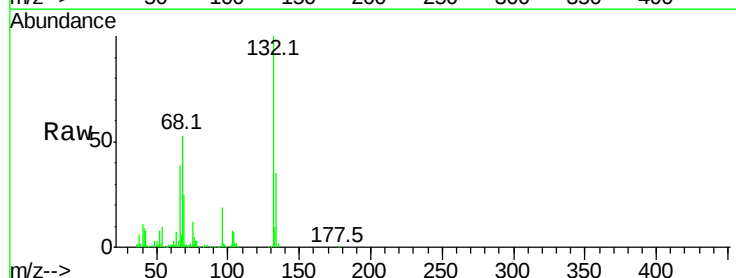
Tgt Ion: 128 Resp: 74

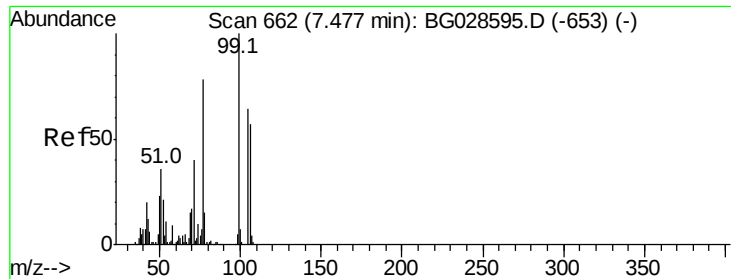
Ion Ratio Lower Upper

128 100

130 83.3 11.4 51.4#

64 1944.0 46.6 86.6#





#9

Benzaldehyd

Concen: 0.045 ng

RT: 7.48 min Scan# 662

Delta R.T. 0.00 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

Instrument :

BNA_G

ClientSampled :

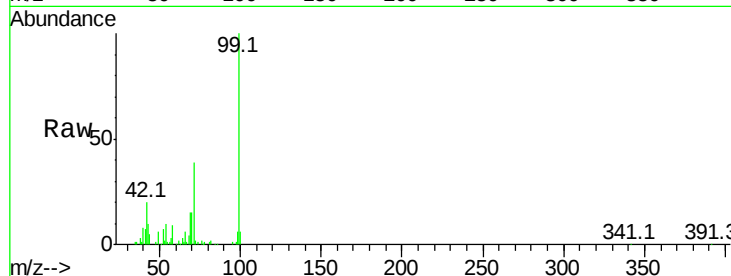
Tot Ion: 77 Resp: 71

Ion Ratio Lower Upper

77 100

105 0.0 60.9 100.9#

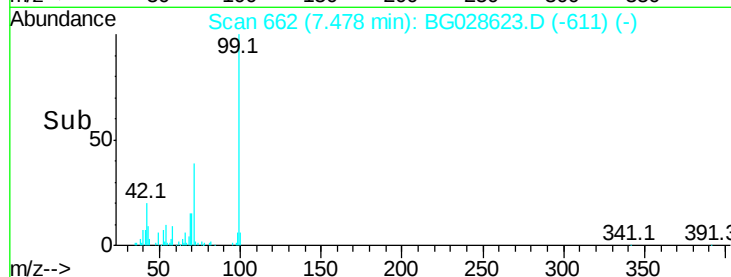
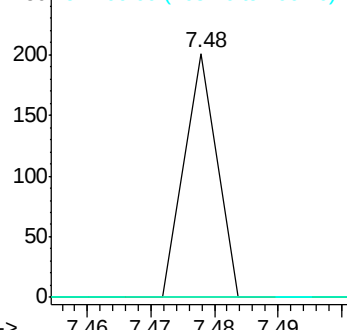
106 0.0 55.1 95.1#



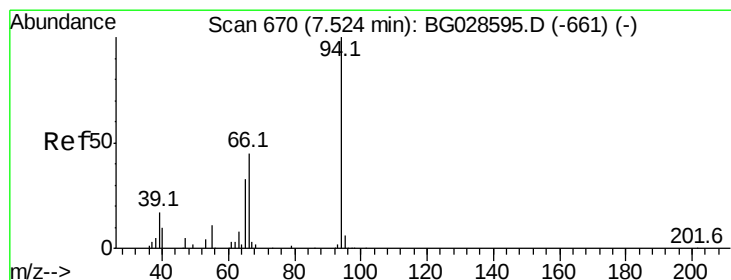
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



Time-->



#10

Phenol

Concen: 0.019 ng

RT: 7.37 min Scan# 644

Delta R.T. -0.15 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

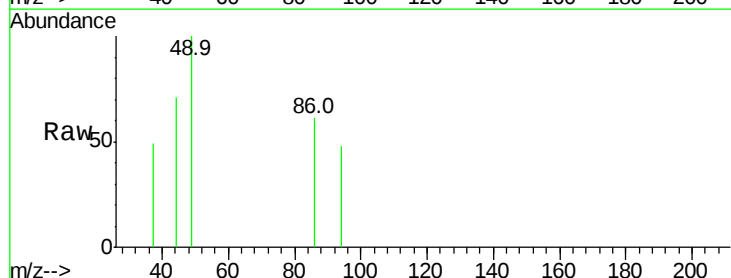
Tgt Ion: 94 Resp: 55

Ion Ratio Lower Upper

94 100

65 0.0 20.6 60.6#

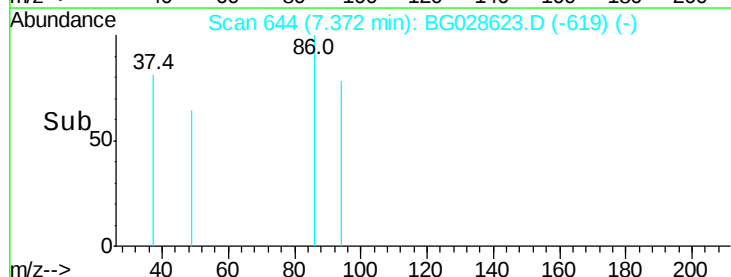
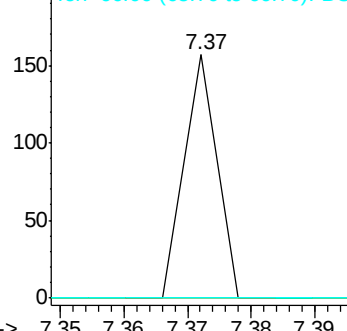
66 0.0 35.5 75.5#



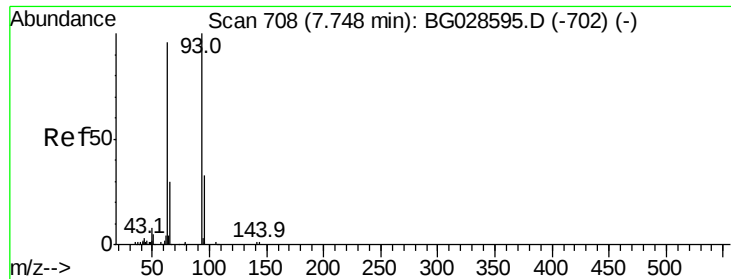
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



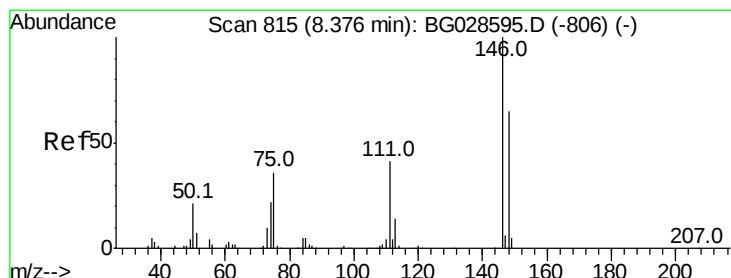
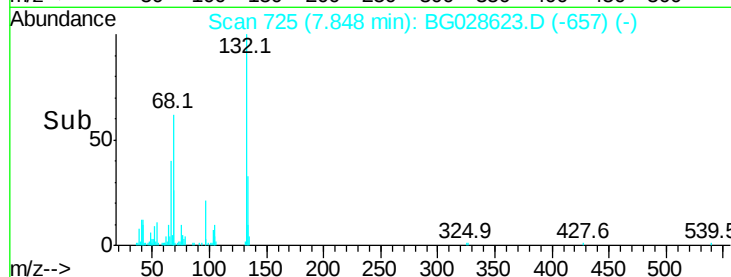
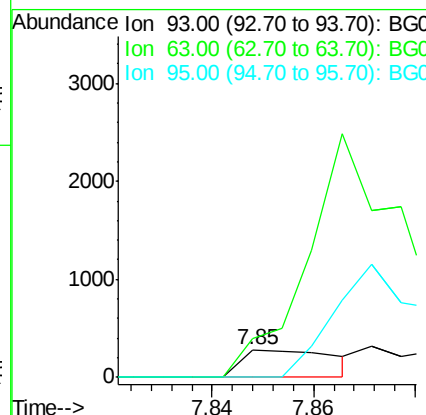
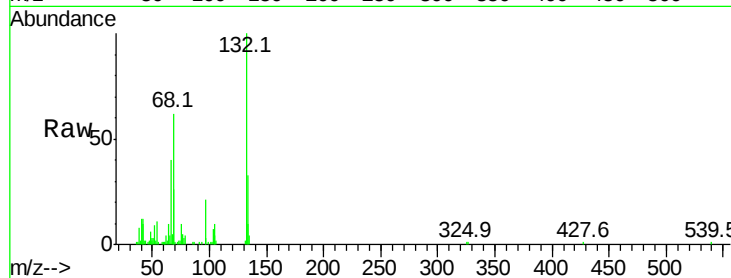
Time-->



#11
bis(2-Chloroethyl)ether
Concen: 0.167 ng
RT: 7.85 min Scan# 725
Delta R.T. 0.10 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

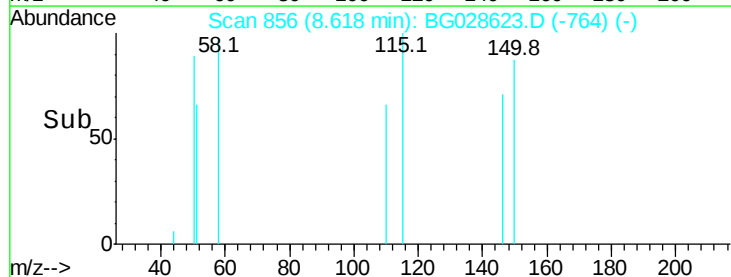
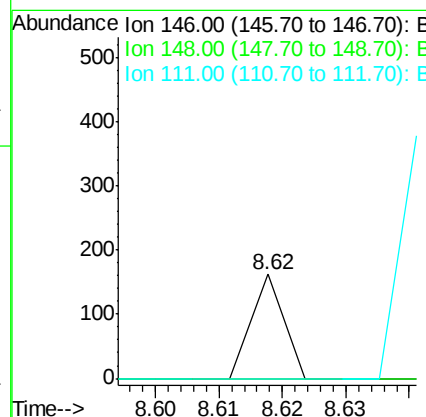
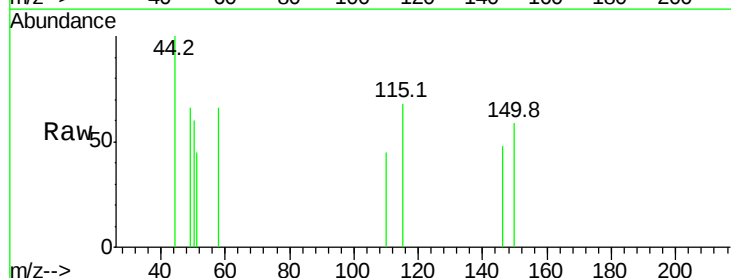
Instrument :
BNA_G
ClientSampleId :

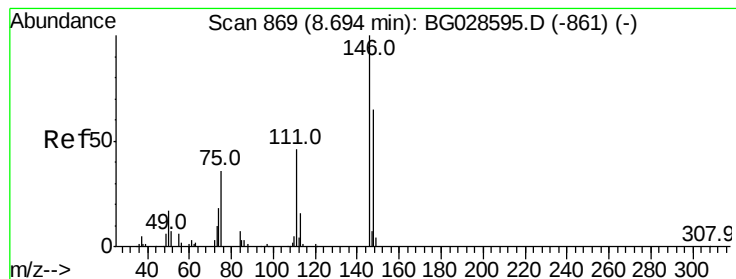
Tot Ion: 93 Resp: 357
Ion Ratio Lower Upper
93 100
63 141.2 78.5 118.5#
95 0.0 9.8 49.8#



#13
1,4-Dichlorobenzene
Concen: 0.024 ng
RT: 8.62 min Scan# 856
Delta R.T. 0.24 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Tgt Ion: 146 Resp: 57
Ion Ratio Lower Upper
146 100
148 0.0 52.2 78.2#
111 0.0 37.0 55.6#





#14

1,2-Dichlorobenzene

Concen: 0.024 ng

RT: 8.62 min Scan# 856

Delta R.T. -0.08 min

Lab File: BG028623.D

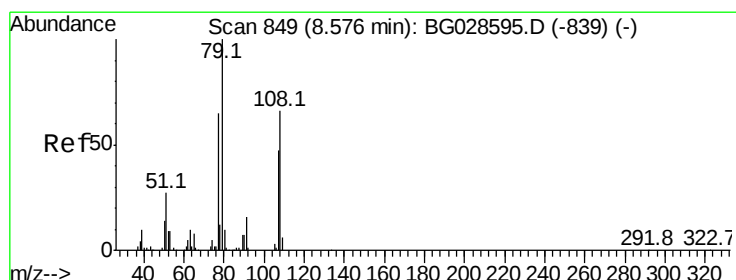
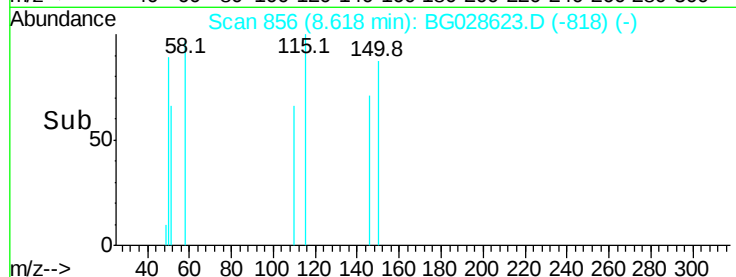
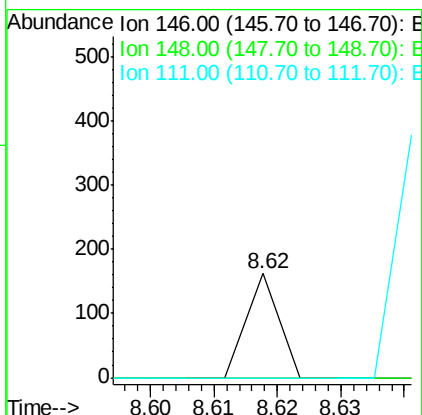
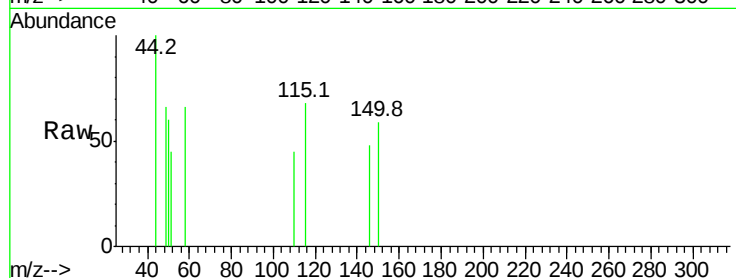
Acq: 9 Sep 2017 20:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	0.0	54.6	81.8#
111	0.0	39.7	59.5#



#15

Benzyl Alcohol

Concen: 1.894 ng

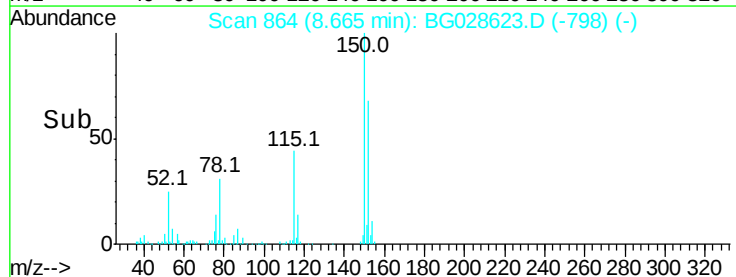
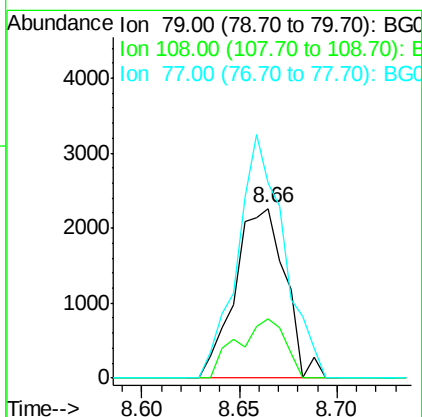
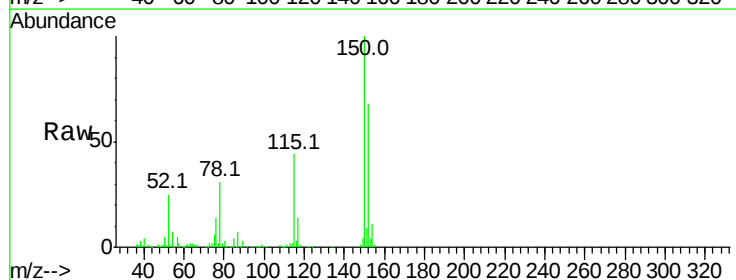
RT: 8.66 min Scan# 864

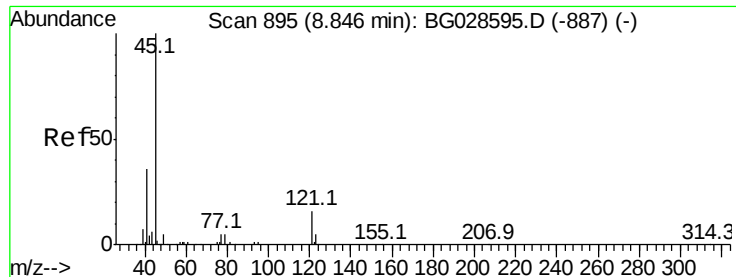
Delta R.T. 0.09 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
79	100		
108	34.6	45.5	68.3#
77	115.1	54.3	81.5#

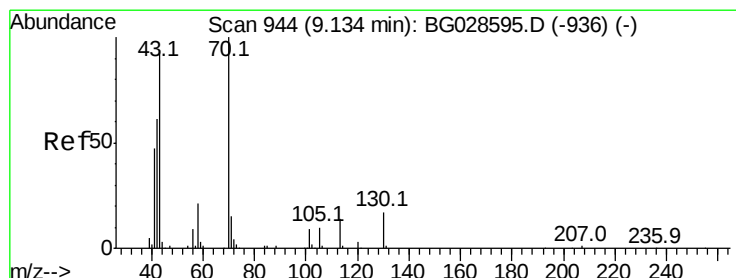
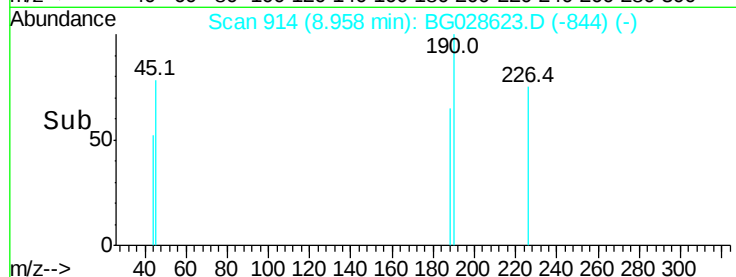
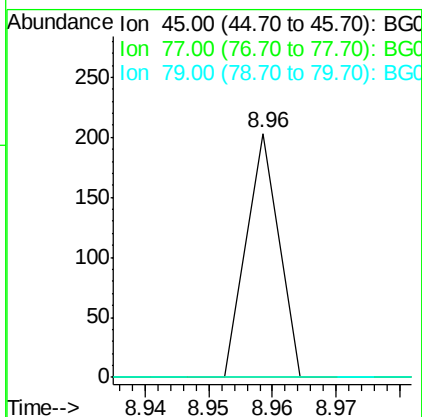
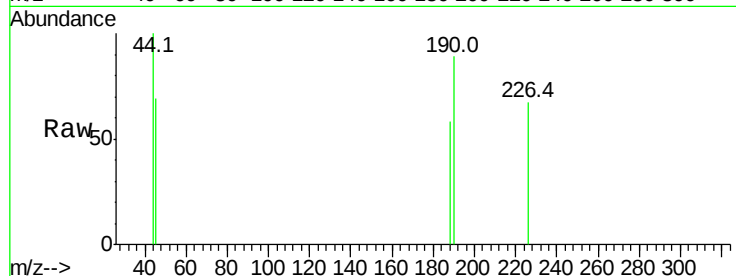




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.016 ng
RT: 8.96 min Scan# 914
Delta R.T. 0.11 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

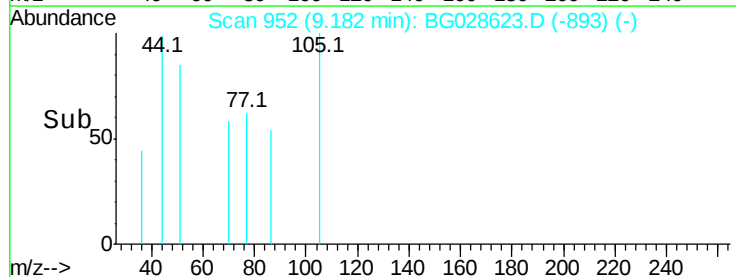
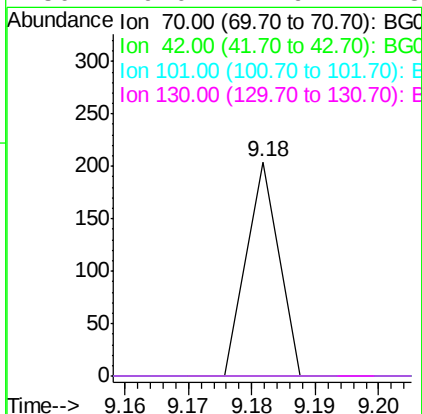
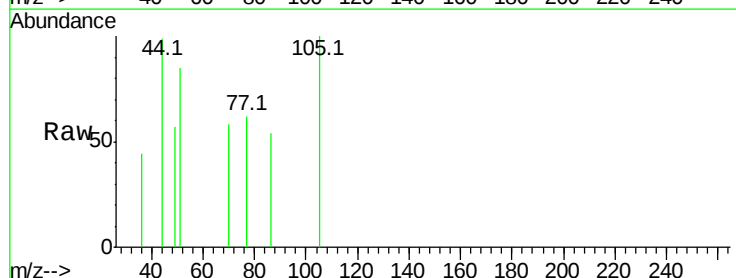
Instrument :
BNA_G
ClientSampleId :

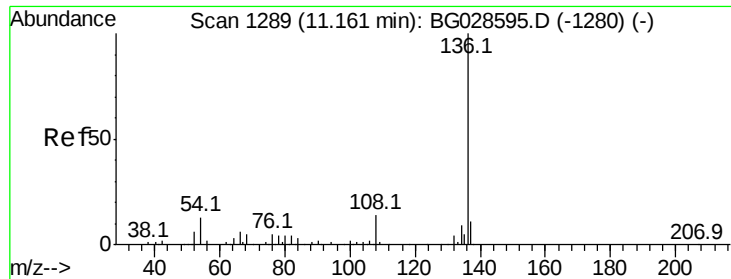
Tot Ion: 45 Resp: 72
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.6
79 0.0 0.0 28.5



#19
n-Nitroso-di-n-propylamine
Concen: 0.034 ng
RT: 9.18 min Scan# 952
Delta R.T. 0.05 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Tgt Ion: 70 Resp: 72
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: 11.16 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 122311

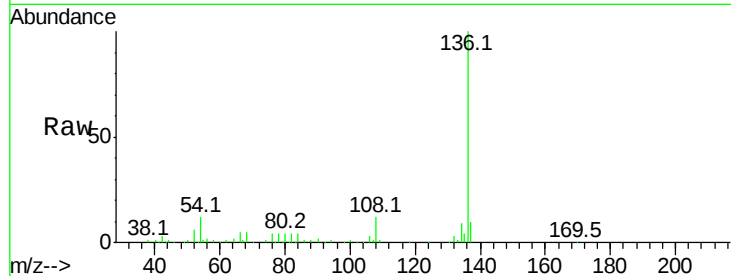
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 11.6 9.3 13.9

68 5.5 5.1 7.7

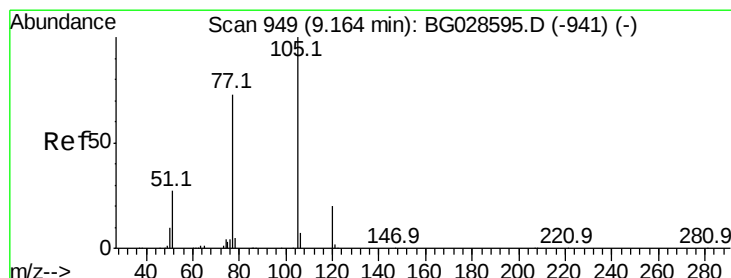
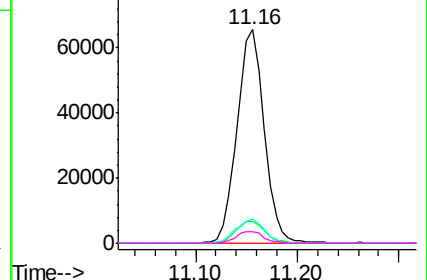
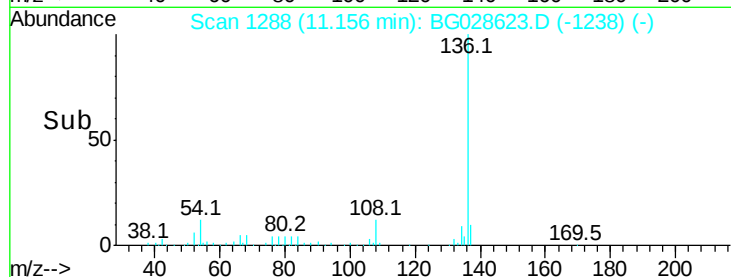


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 0.212 ng

RT: 9.16 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

Tgt Ion:105 Resp: 719

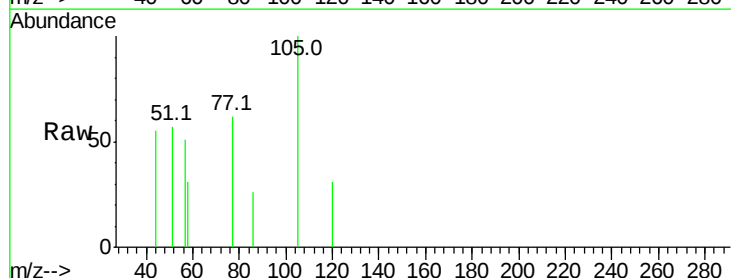
Ion Ratio Lower Upper

105 100

71 0.0 0.9 1.3#

51 56.9 34.0 51.0#

120 30.7 17.3 25.9#

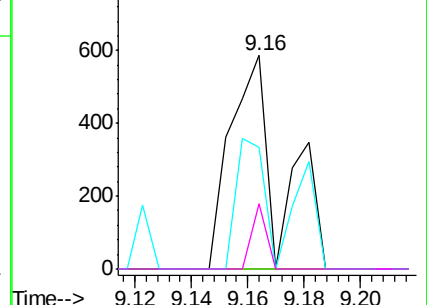
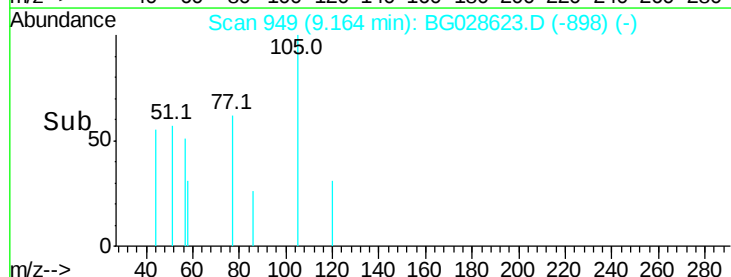


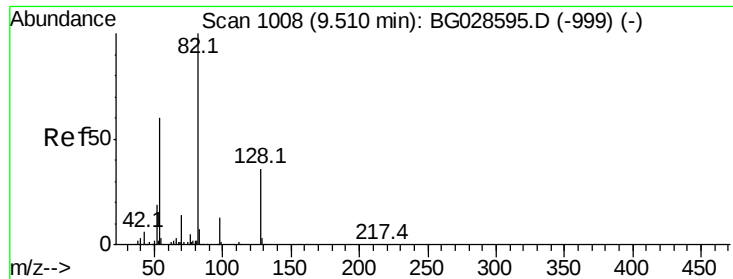
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

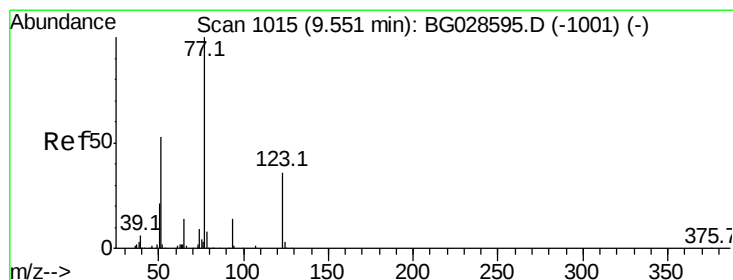
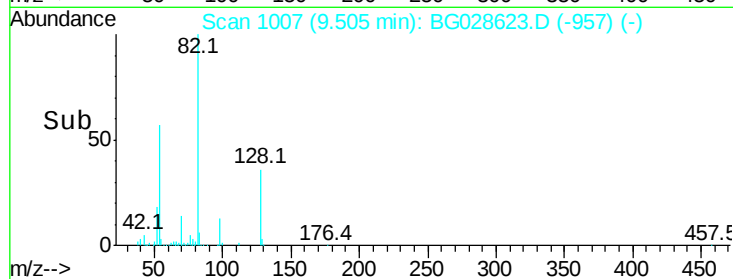
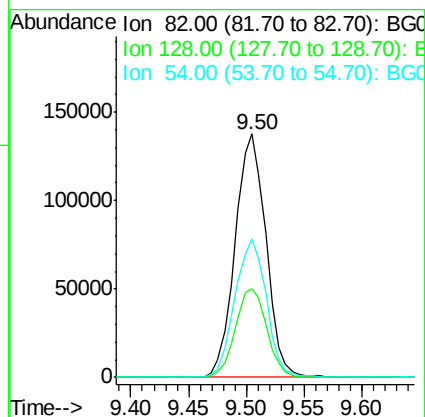
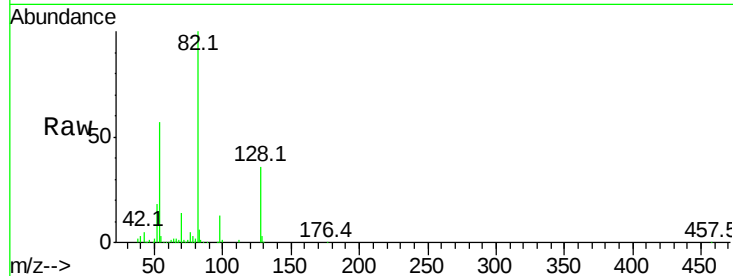




#23
Nitrobenzene-d5
Concen: 95.570 ng
RT: 9.50 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

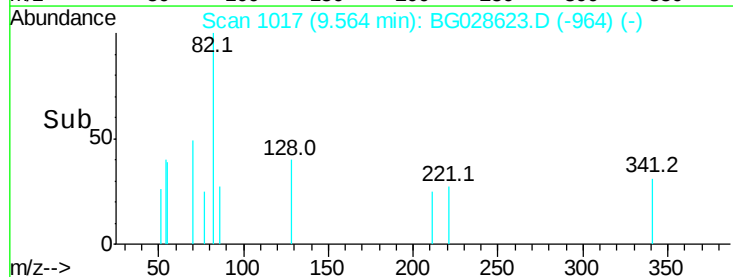
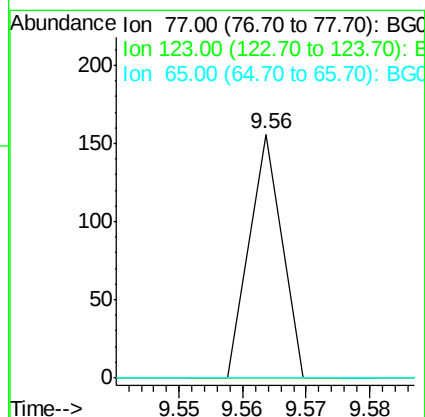
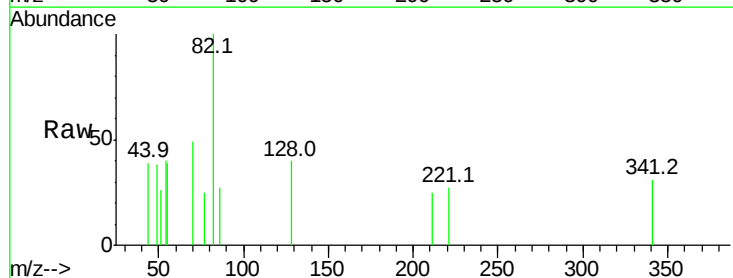
Instrument :
BNA_G
ClientSampleId :

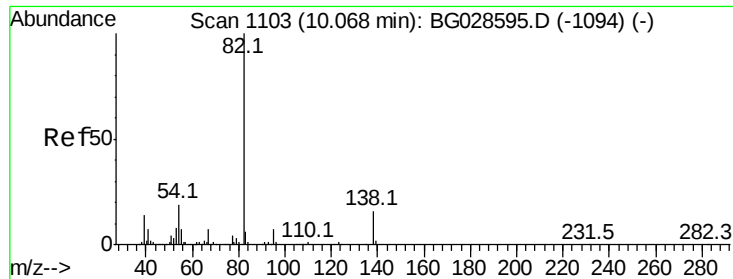
Tot Ion: 82 Resp: 254570
Ion Ratio Lower Upper
82 100
128 36.5 26.4 39.6
54 57.0 49.4 74.2



#24
Nitrobenzene
Concen: 0.020 ng
RT: 9.56 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Tgt Ion: 77 Resp: 55
Ion Ratio Lower Upper
77 100
123 0.0 26.1 39.1#
65 0.0 12.4 18.6#

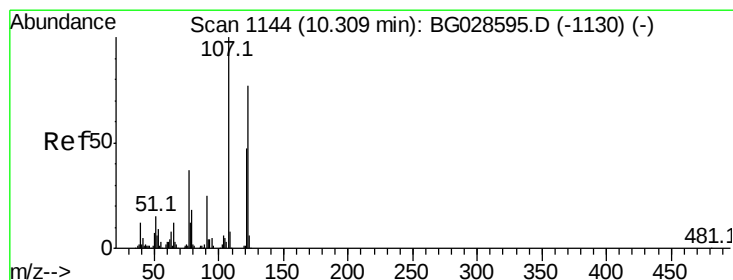
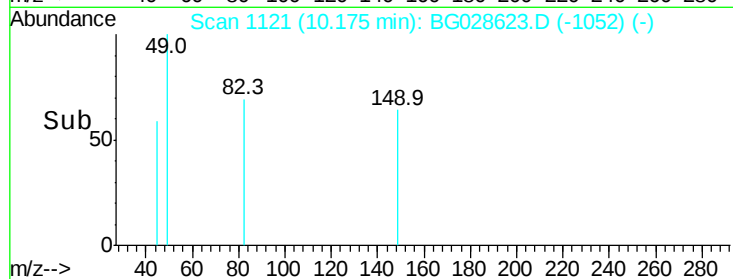
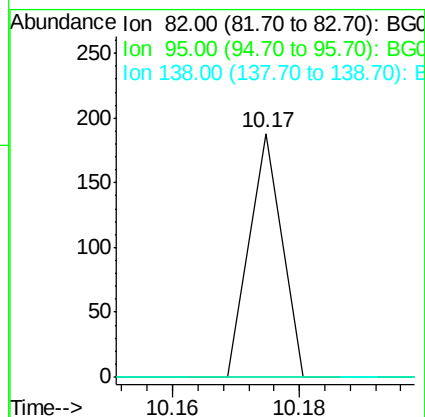
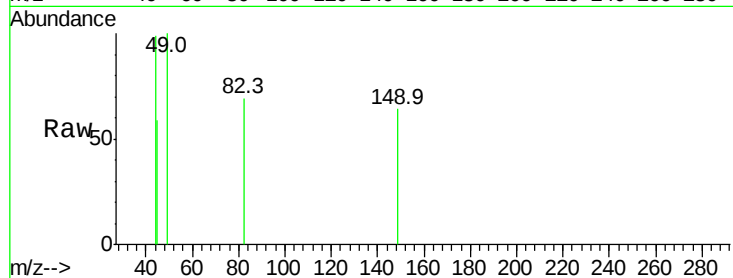




#25
Isophorone
Concen: 0.013 ng
RT: 10.17 min Scan# 1121
Delta R.T. 0.11 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

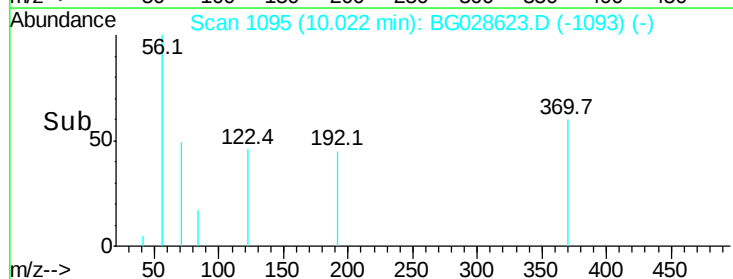
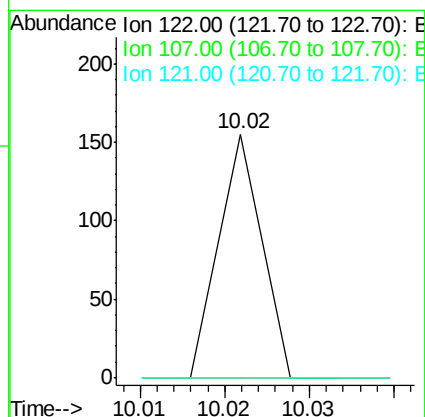
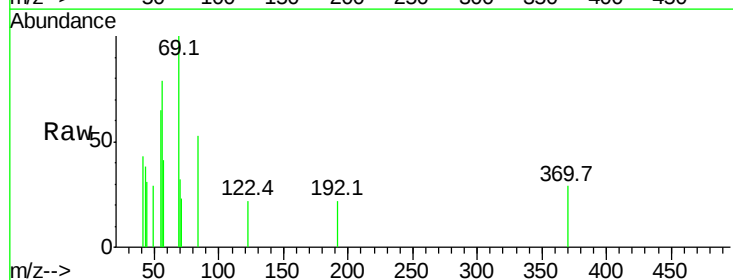
Instrument :
BNA_G
ClientSampleId :

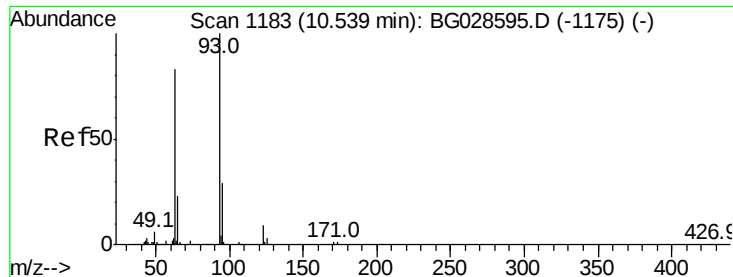
Tot Ion:	82	Resp:	66
Ion	Ratio	Lower	Upper
82	100		
95	0.0	7.5	11.3#
138	0.0	12.3	18.5#



#27
2,4-Dimethylphenol
Concen: 0.026 ng
RT: 10.02 min Scan# 1095
Delta R.T. -0.29 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Tgt Ion:	122	Resp:	55
Ion	Ratio	Lower	Upper
122	100		
107	0.0	104.2	156.4#
121	0.0	46.0	69.0#

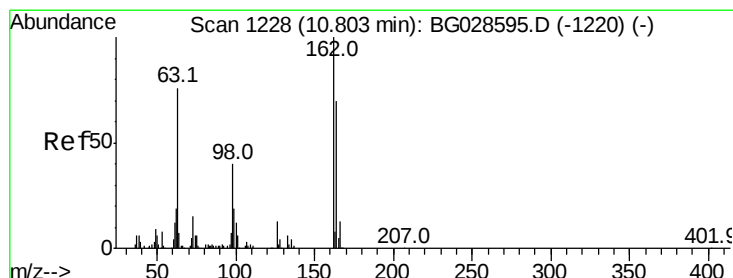
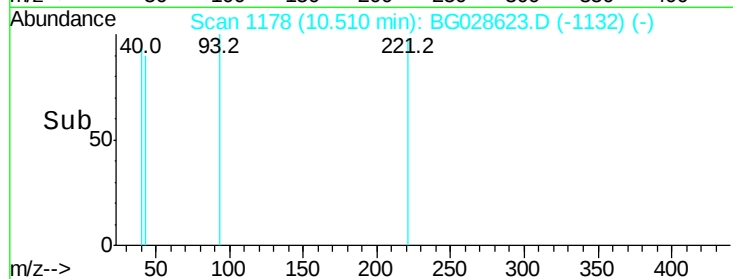
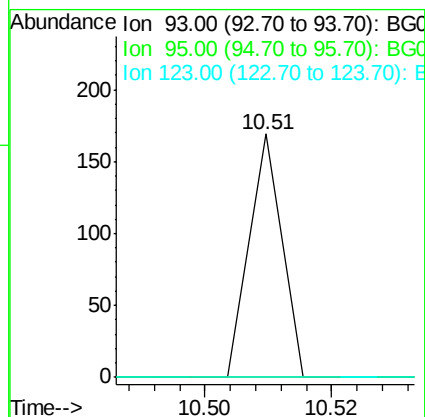
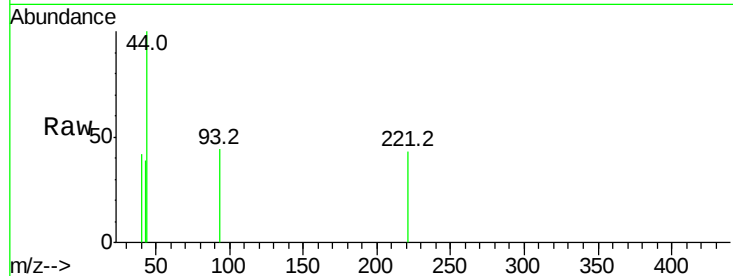




#28
 bis(2-Chloroethoxy)methane
 Concen: 0.020 ng
 RT: 10.51 min Scan# 1178
 Delta R.T. -0.03 min
 Lab File: BG028623.D
 Acq: 9 Sep 2017 20:17

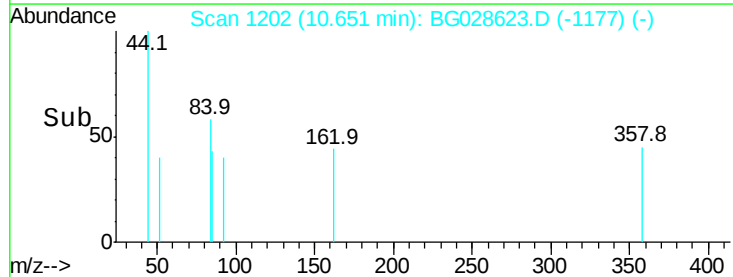
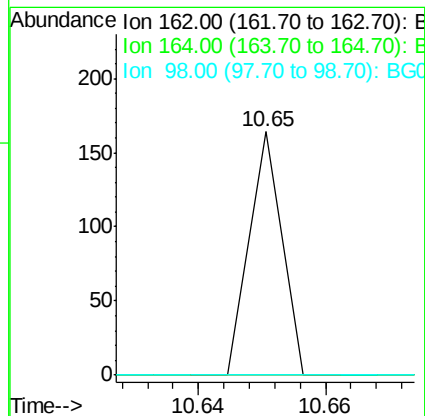
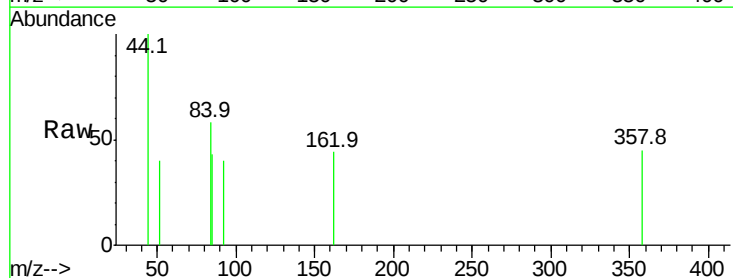
Instrument :
 BNA_G
 ClientSampleId :

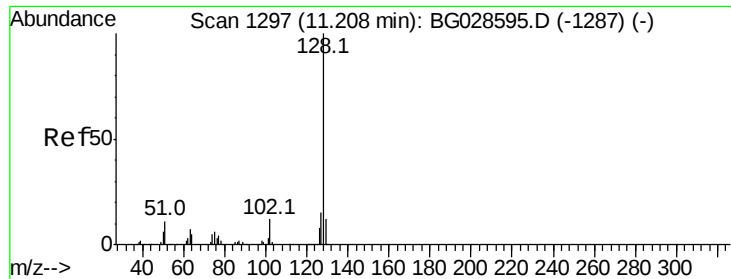
Tot Ion: 93 Resp: 60
 Ion Ratio Lower Upper
 93 100
 95 0.0 25.7 38.5#
 123 0.0 8.3 12.5#



#29
 2,4-Dichlorophenol
 Concen: 0.028 ng
 RT: 10.65 min Scan# 1202
 Delta R.T. -0.15 min
 Lab File: BG028623.D
 Acq: 9 Sep 2017 20:17

Tgt Ion: 162 Resp: 58
 Ion Ratio Lower Upper
 162 100
 164 0.0 42.4 82.4#
 98 0.0 20.3 60.3#





#31

Naphthalene

Concen: 0.009 ng

RT: 11.38 min Scan# 1327

Delta R.T. 0.18 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

Instrument :

BNA_G

ClientSampleId :

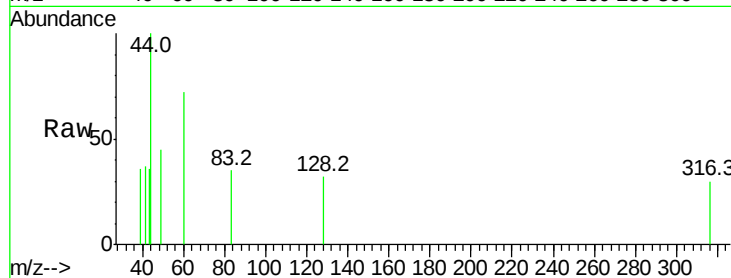
Tot Ion:128 Resp: 57

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

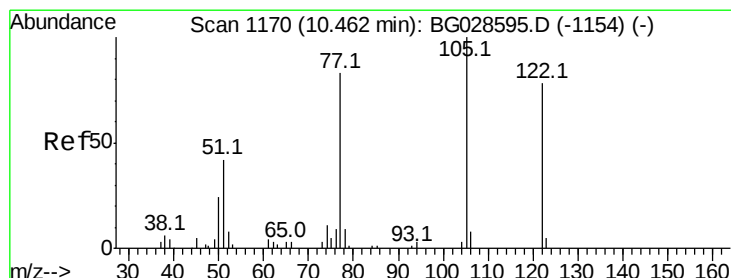
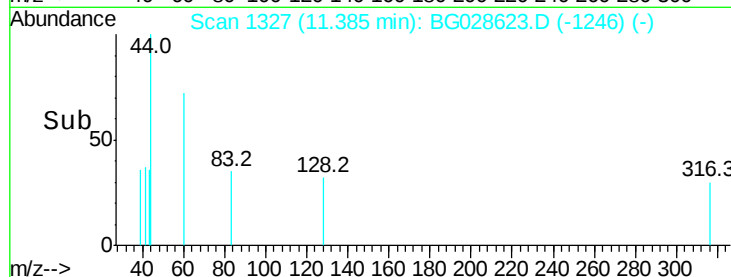
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

11.38

11.40

Time-->



#32

Benzoic acid

Concen: 0.041 ng

RT: 10.60 min Scan# 1194

Delta R.T. 0.14 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

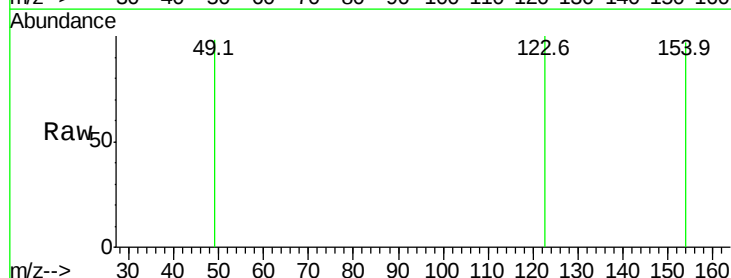
Tgt Ion:122 Resp: 55

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

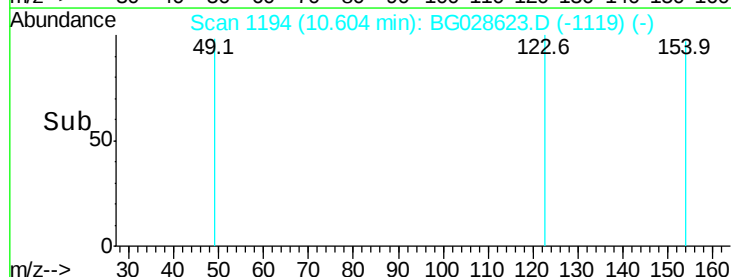
Ion 105.00 (104.70 to 105.70): E

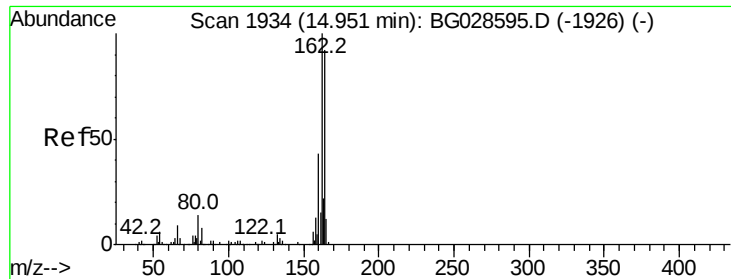
Ion 77.00 (76.70 to 77.70): BG

10.60

10.62

Time-->





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.95 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

Instrument :

BNA_G

ClientSampleId :

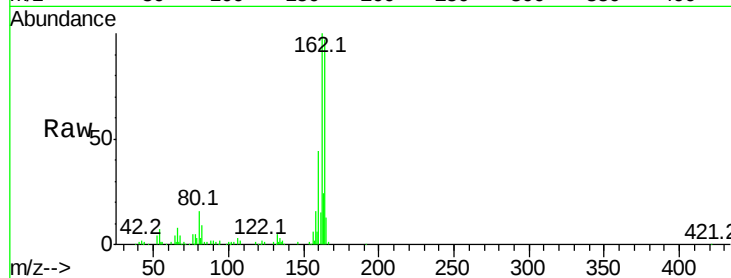
Tot Ion:164 Resp: 85588

Ion Ratio Lower Upper

164 100

162 103.1 85.1 127.7

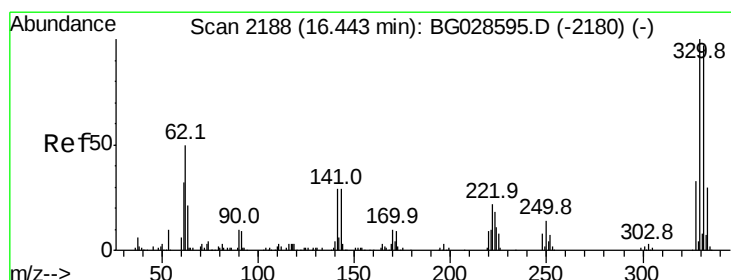
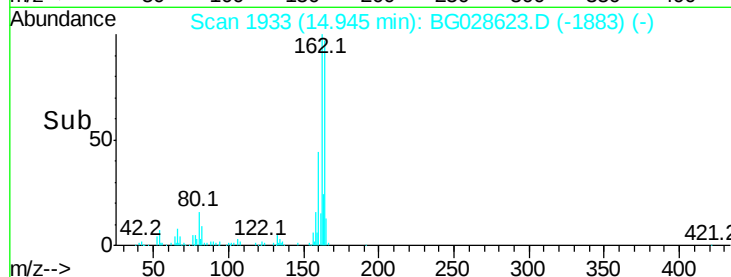
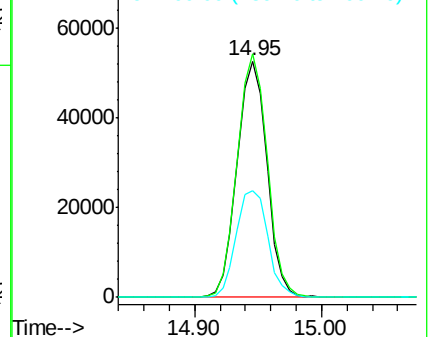
160 45.4 34.7 52.1



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: 186.100 ng

RT: 16.44 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

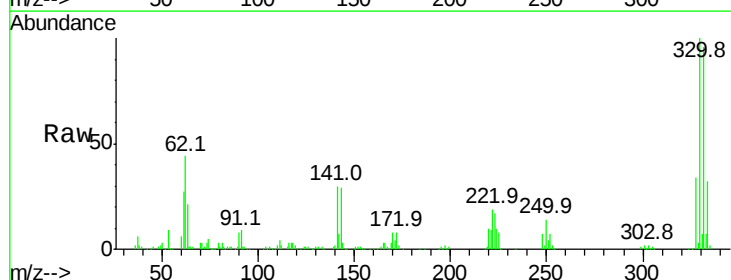
Tgt Ion:330 Resp: 242088

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

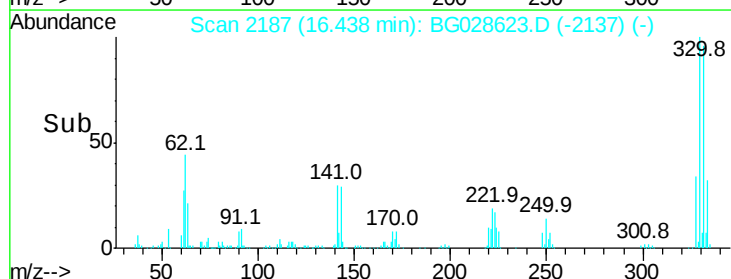
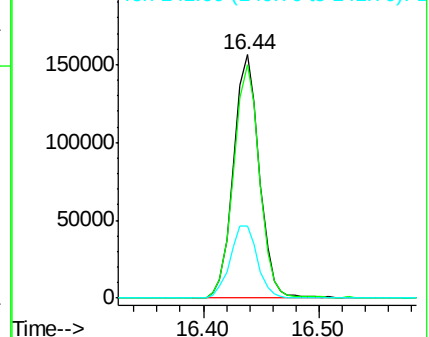
141 31.3 32.1 48.1#

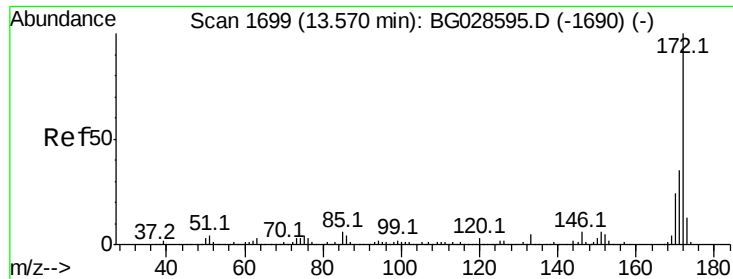


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

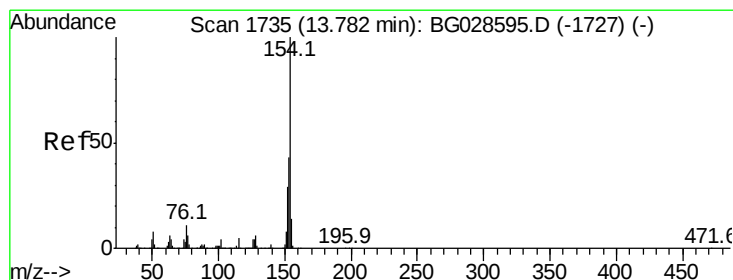
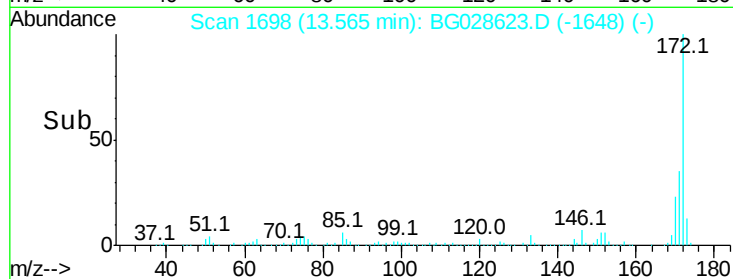
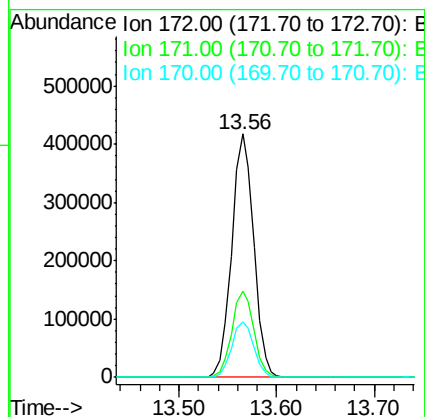
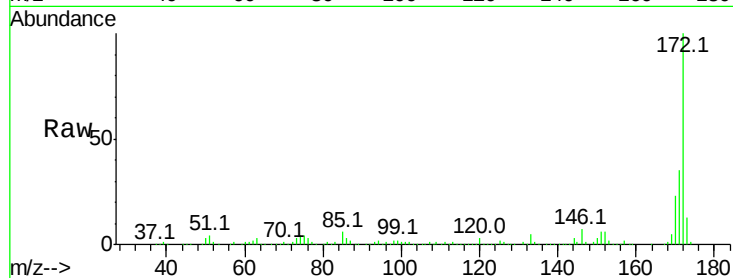




#44
 2-Fluorobiphenyl
 Concen: 99.498 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028623.D
 Acq: 9 Sep 2017 20:17

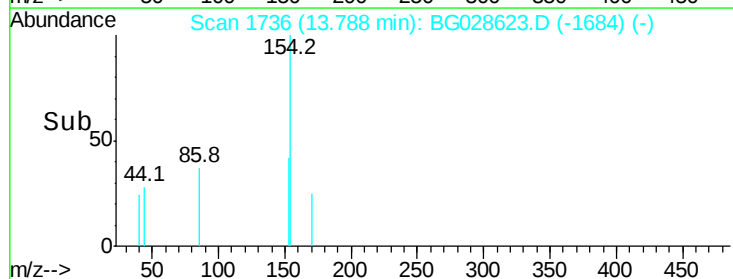
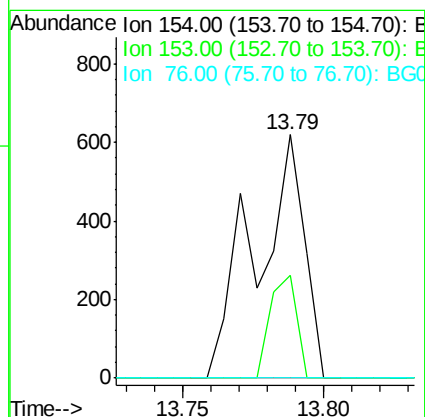
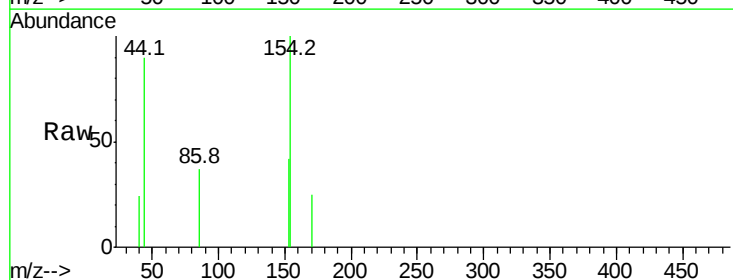
Instrument :
 BNA_G
 ClientSampleId :

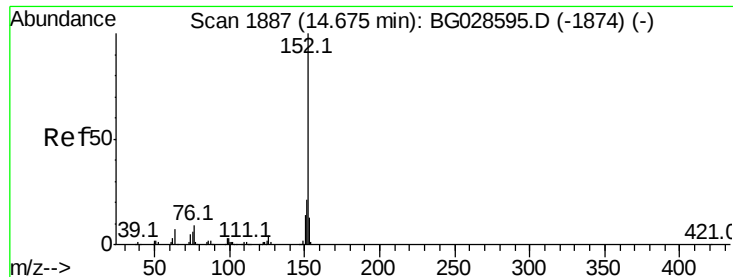
Tot Ion:172 Resp: 650943
 Ion Ratio Lower Upper
 172 100
 171 35.3 32.2 48.2
 170 22.7 21.8 32.6



#45
 1,1'-Biphenyl
 Concen: 0.104 ng
 RT: 13.79 min Scan# 1736
 Delta R.T. 0.01 min
 Lab File: BG028623.D
 Acq: 9 Sep 2017 20:17

Tgt Ion:154 Resp: 744
 Ion Ratio Lower Upper
 154 100
 153 42.1 23.0 63.0
 76 0.0 0.0 33.5





#48

Acenaphthylene

Concen: 0.007 ng

RT: 14.55 min Scan# 1865

Delta R.T. -0.13 min

Lab File: BG028623.D

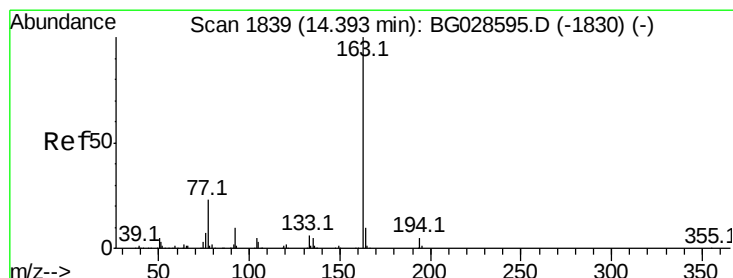
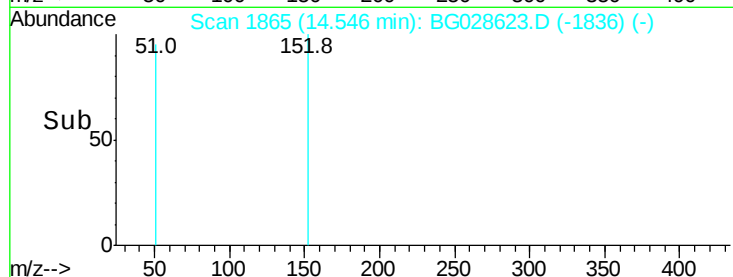
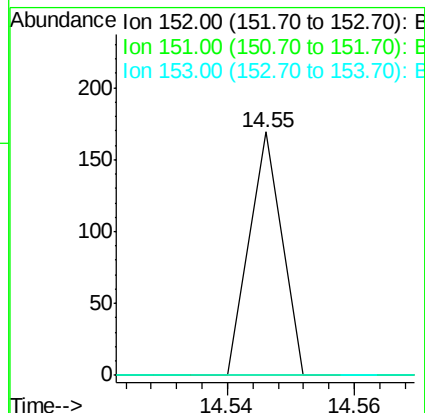
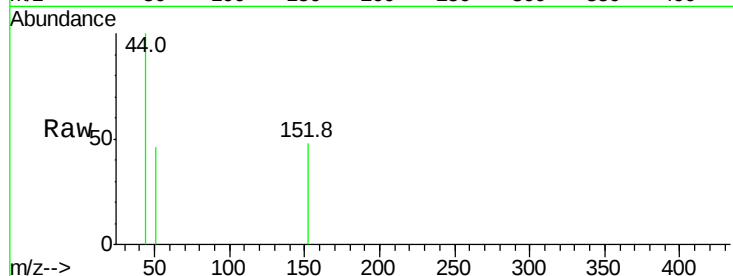
Acq: 9 Sep 2017 20:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	152	Resp:	60
Ion	Ratio	Lower	Upper
152	100		
151	0.0	18.2	27.2#
153	0.0	11.3	16.9#



#49

Dimethylphthalate

Concen: 0.008 ng

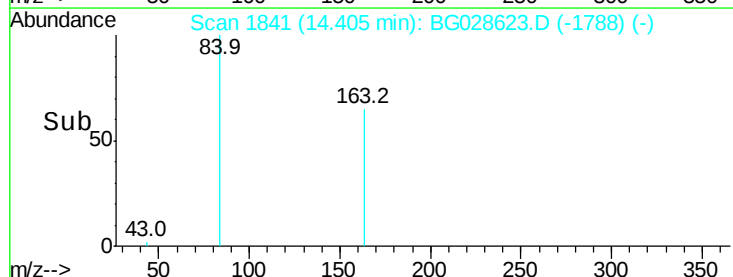
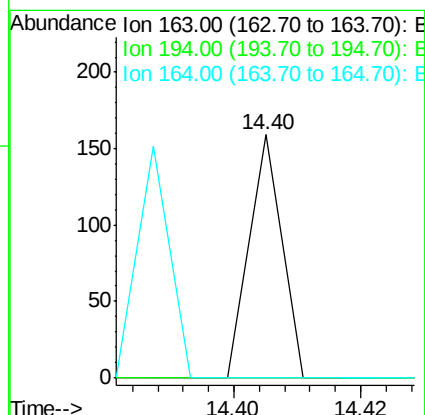
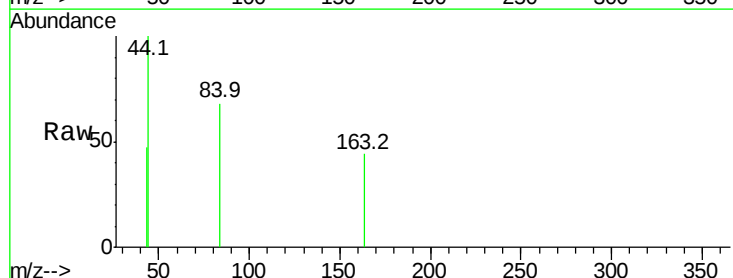
RT: 14.40 min Scan# 1841

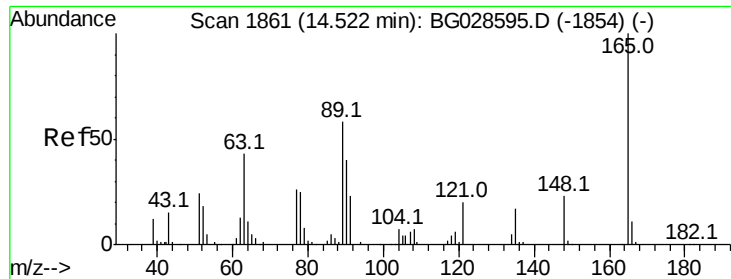
Delta R.T. 0.01 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

Tgt Ion:	163	Resp:	56
Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.8	5.6#
164	0.0	9.3	13.9#

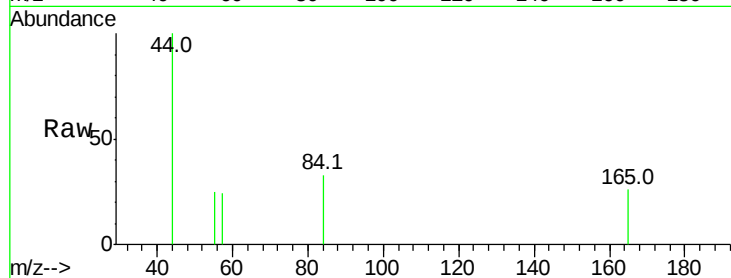




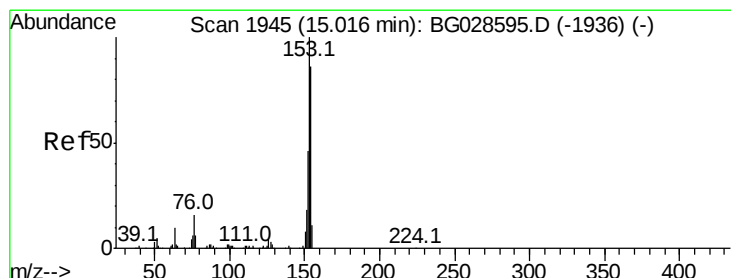
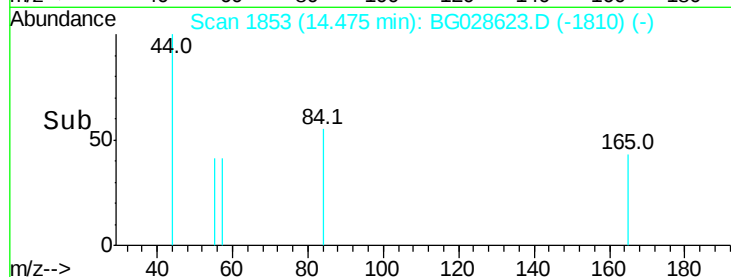
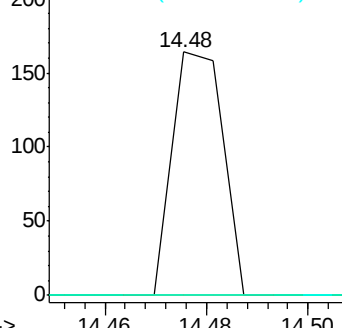
#50
 2,6-Dinitrotoluene
 Concen: 0.073 ng
 RT: 14.48 min Scan# 1853
 Delta R.T. -0.05 min
 Lab File: BG028623.D
 Acq: 9 Sep 2017 20:17

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#

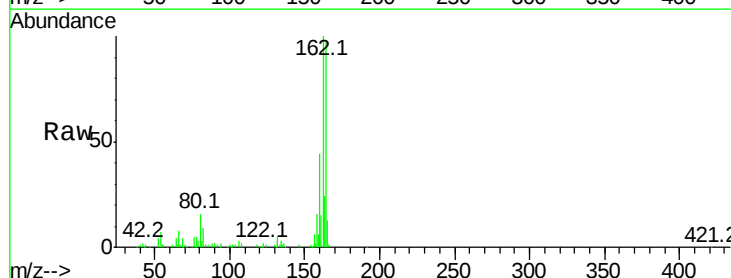


Abundance Ion 165.00 (164.70 to 165.70): E

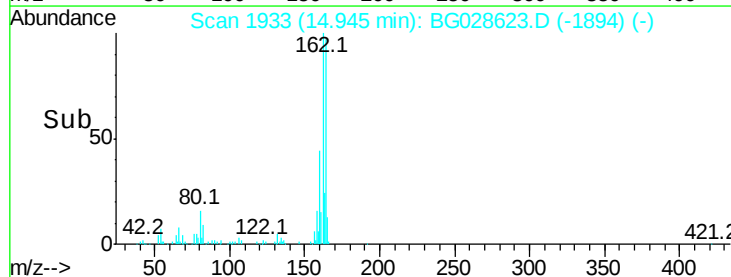
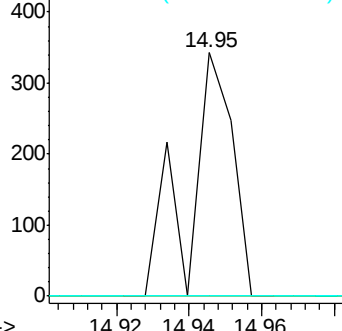


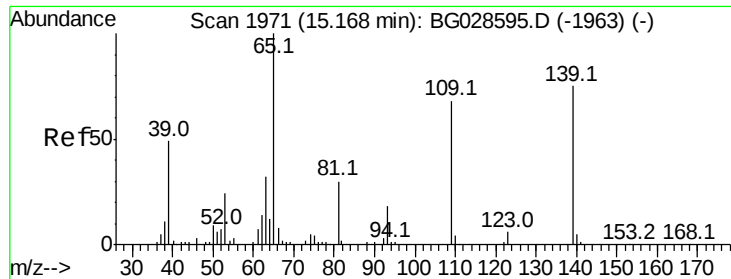
#51
 Acenaphthene
 Concen: 0.056 ng
 RT: 14.95 min Scan# 1933
 Delta R.T. -0.07 min
 Lab File: BG028623.D
 Acq: 9 Sep 2017 20:17

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

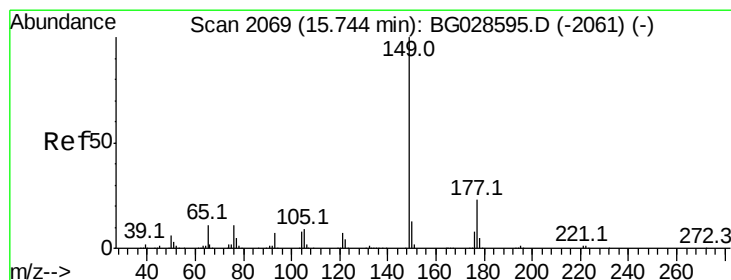
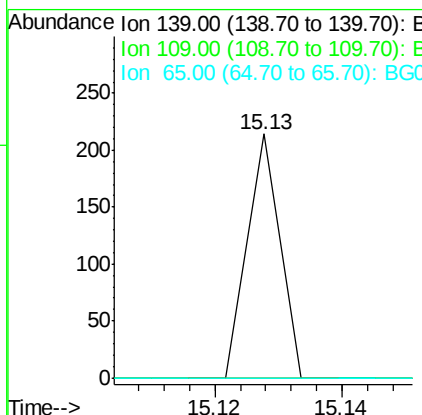
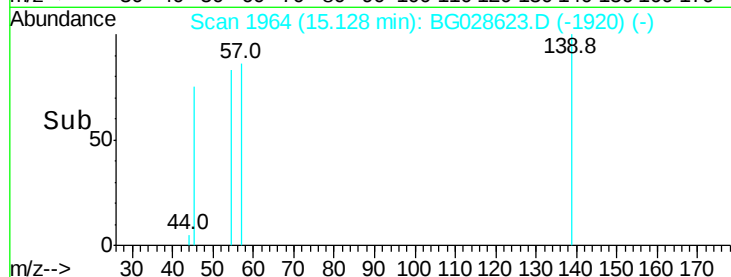
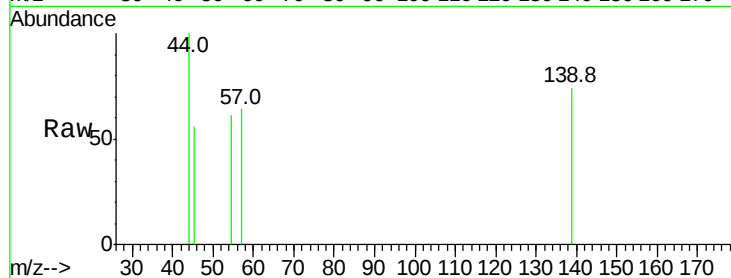




#55
4-Nitrophenol
Concen: 0.067 ng
RT: 15.13 min Scan# 1964
Delta R.T. -0.04 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

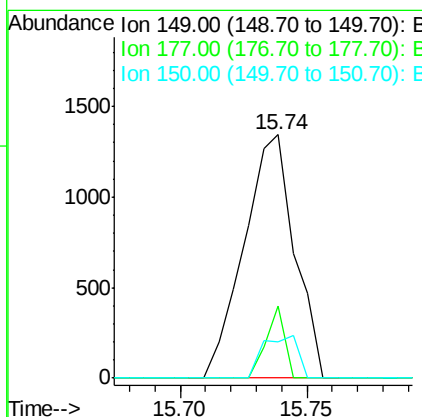
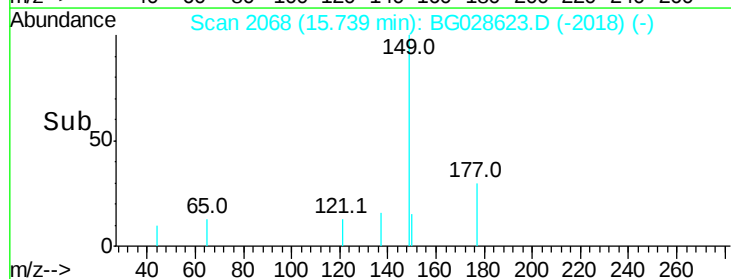
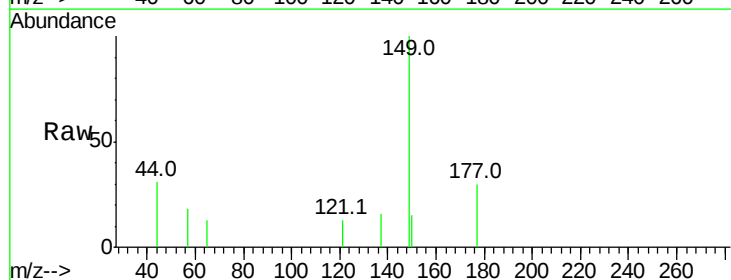
Instrument :
BNA_G
ClientSampled :

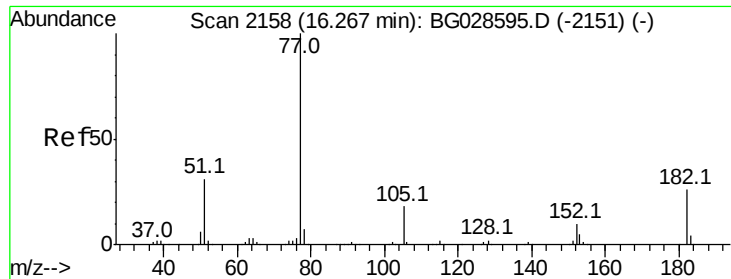
Tot Ion:139 Resp: 75
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#



#59
Diethylphthalate
Concen: 0.253 ng
RT: 15.74 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Tgt Ion:149 Resp: 1873
Ion Ratio Lower Upper
149 100
177 29.9 20.1 30.1
150 15.1 10.2 15.2





#62

Azobenzene

Concen: 0.009 ng

RT: 16.23 min Scan# 2152

Delta R.T. -0.03 min

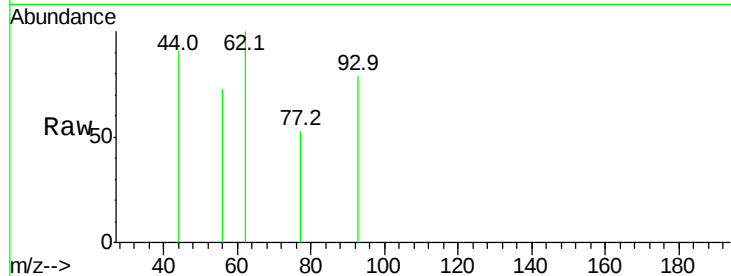
Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

Instrument :

BNA_G

ClientSampleId :



Tot Ion: 77 Resp: 57

Ion Ratio Lower Upper

77 100

182 0.0 4.7 44.7#

105 0.0 0.0 36.3

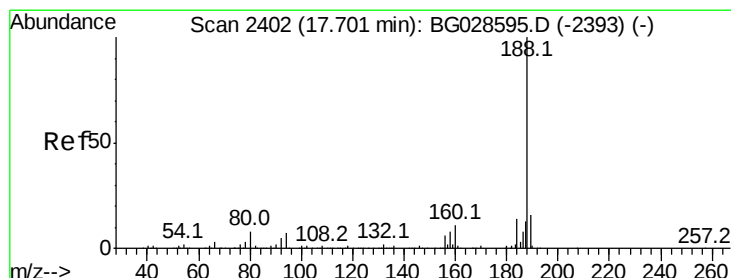
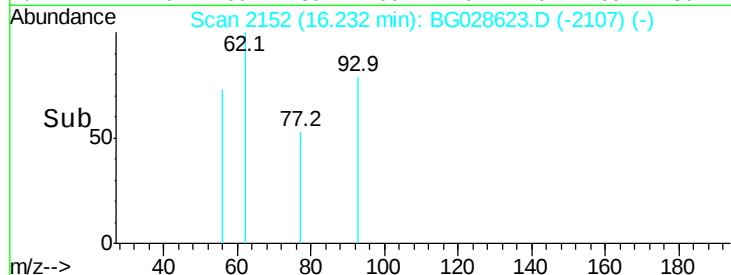
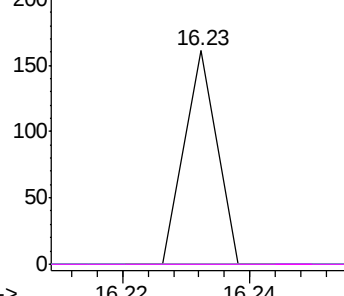
51 0.0 16.4 56.4#

Abundance Ion 77.00 (76.70 to 77.70): BG0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.70 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

Tgt Ion: 188 Resp: 245095

Ion Ratio Lower Upper

188 100

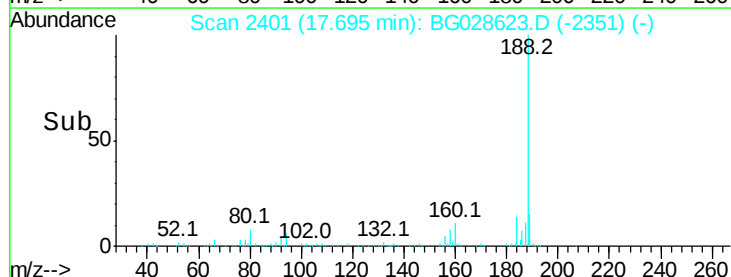
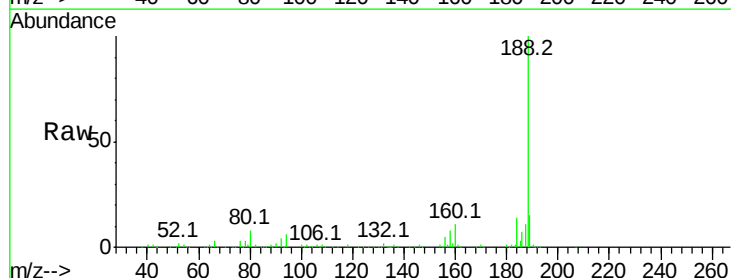
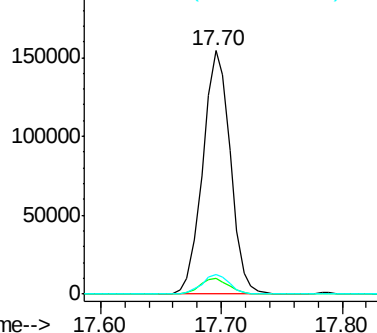
94 6.4 5.8 8.8

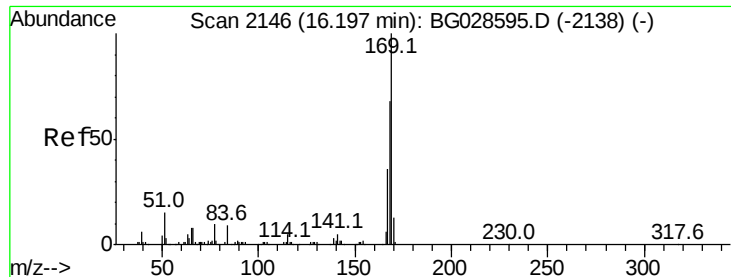
80 7.8 7.5 11.3

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#65

n-Nitrosodiphenylamine

Concen: 1.055 ng

RT: 16.44 min Scan# 2187

Delta R.T. 0.24 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

Instrument :

BNA_G

ClientSampleId :

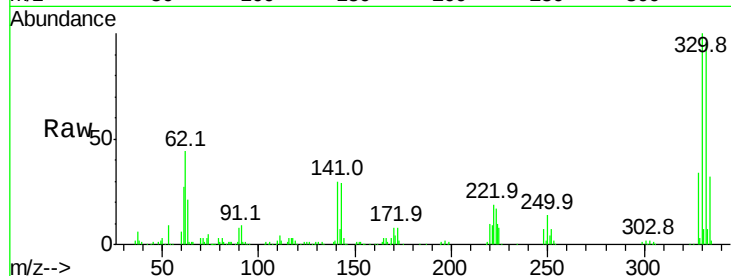
Tot Ion:169 Resp: 7635

Ion Ratio Lower Upper

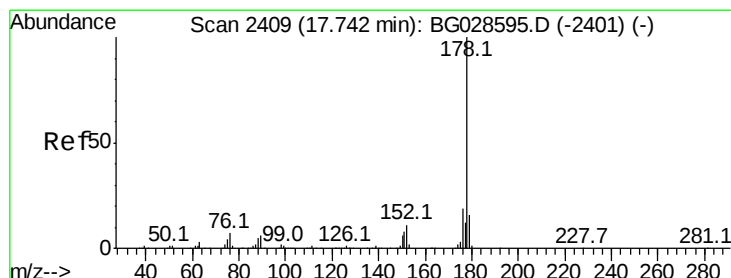
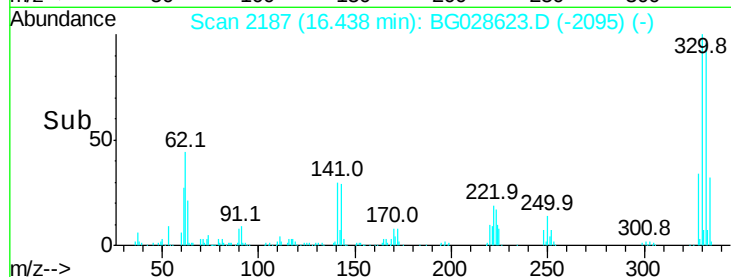
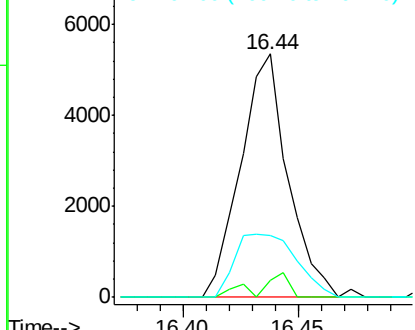
169 100

168 7.2 55.7 83.5#

167 25.3 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



#70

Phenanthrene

Concen: 0.013 ng

RT: 17.74 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

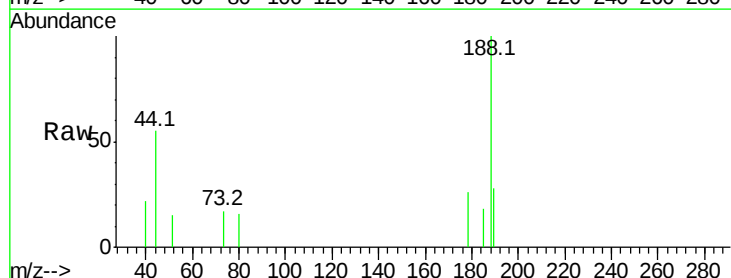
Tgt Ion:178 Resp: 165

Ion Ratio Lower Upper

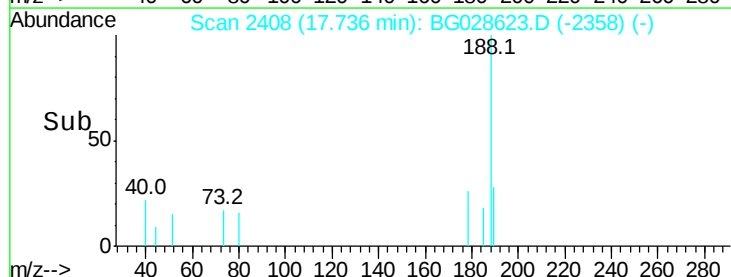
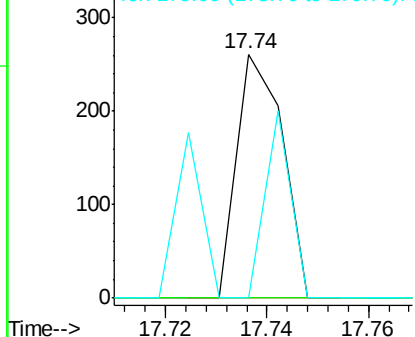
178 100

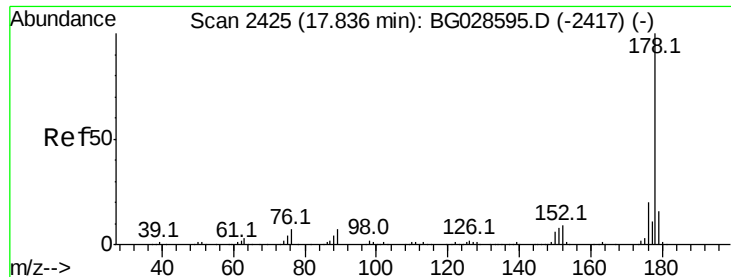
176 0.0 17.7 26.5#

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

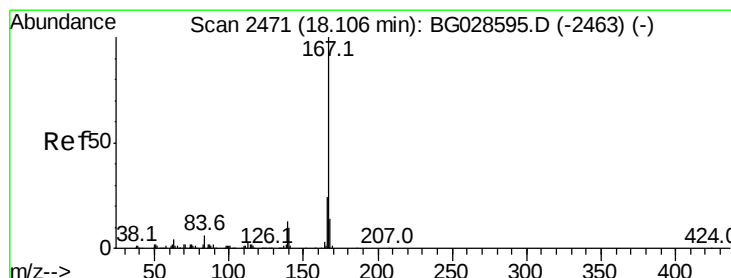
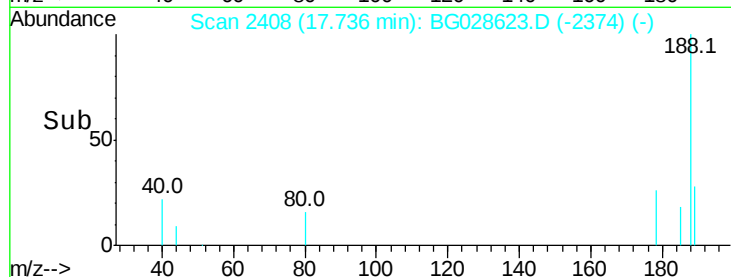
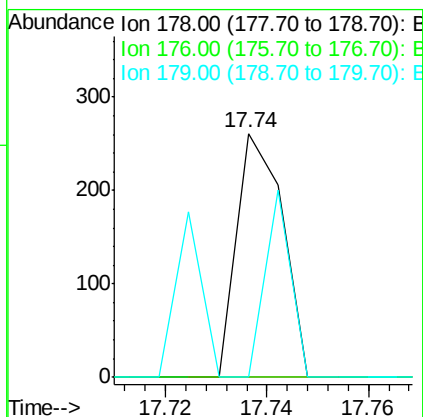
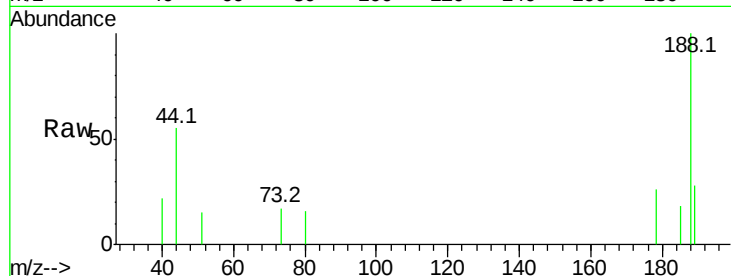




#71
 Anthracene
 Concen: 0.012 ng
 RT: 17.74 min Scan# 2408
 Delta R.T. -0.10 min
 Lab File: BG028623.D
 Acq: 9 Sep 2017 20:17

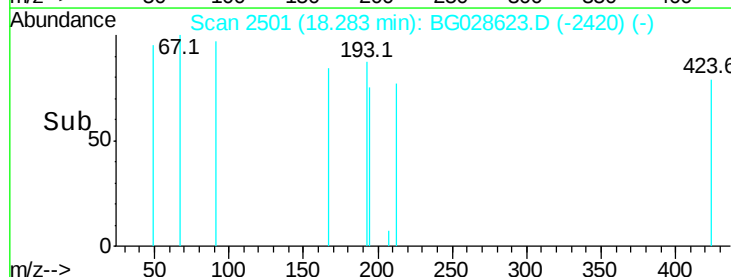
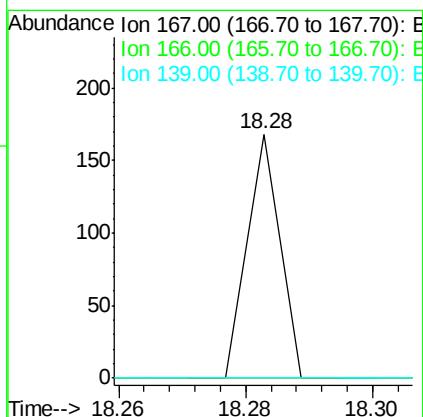
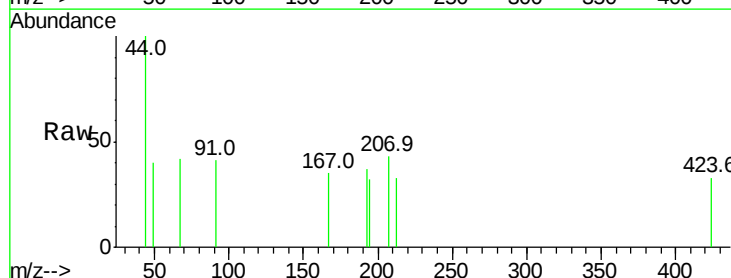
Instrument :
 BNA_G
 ClientSampleId :

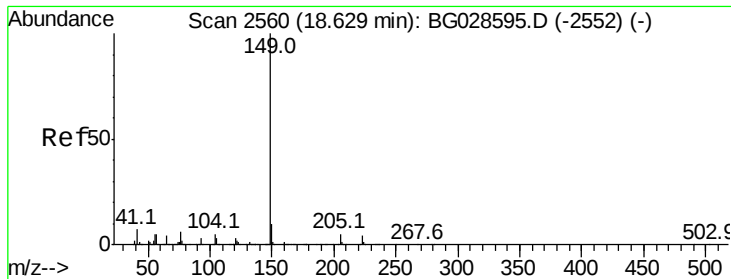
Tot Ion:178 Resp: 165
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.4 24.6#
 179 0.0 13.8 20.8#



#72
 Carbazole
 Concen: 0.005 ng
 RT: 18.28 min Scan# 2501
 Delta R.T. 0.18 min
 Lab File: BG028623.D
 Acq: 9 Sep 2017 20:17

Tgt Ion:167 Resp: 59
 Ion Ratio Lower Upper
 167 100
 166 0.0 20.2 30.2#
 139 0.0 12.8 19.2#

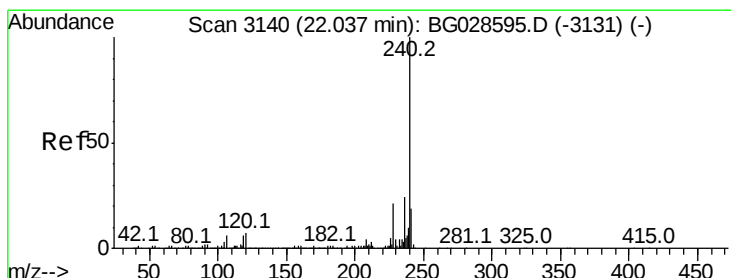
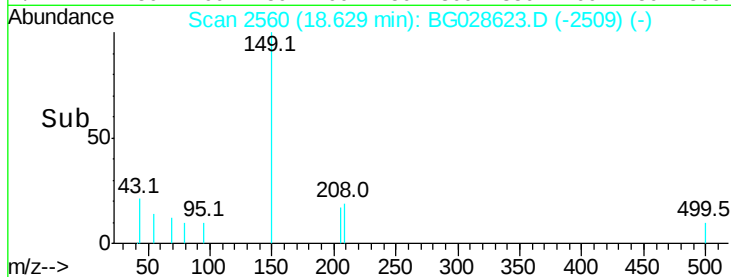
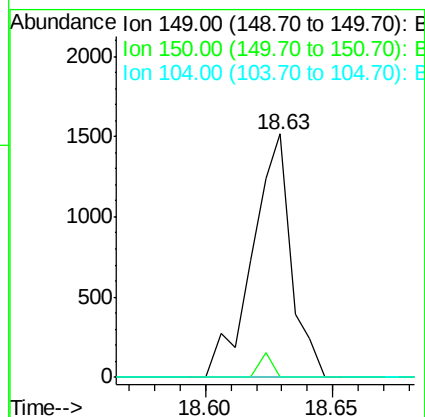
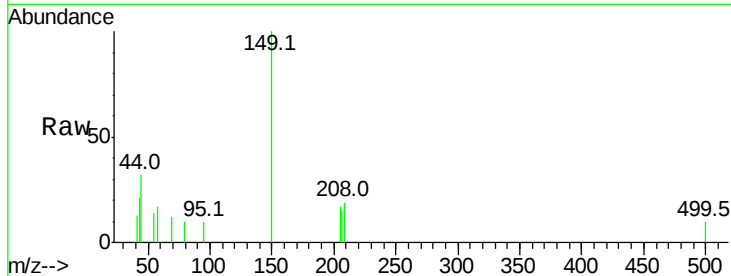




#73
Di-n-butylphthalate
Concen: 0.112 ng
RT: 18.63 min Scan# 2560
Delta R.T. 0.00 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

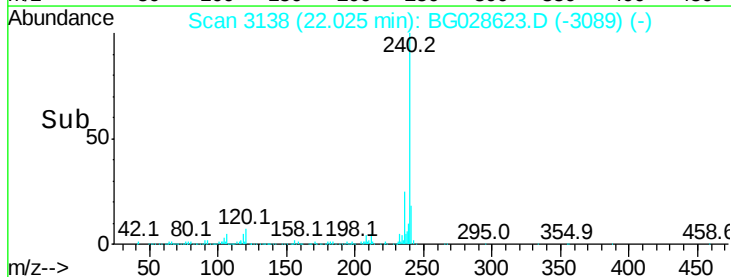
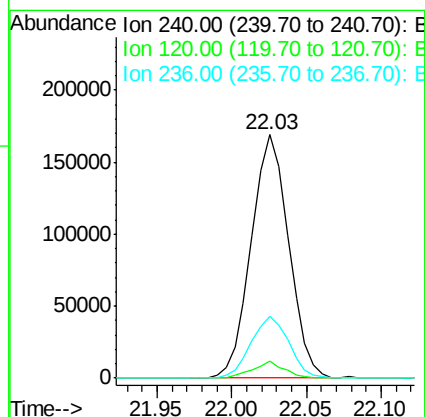
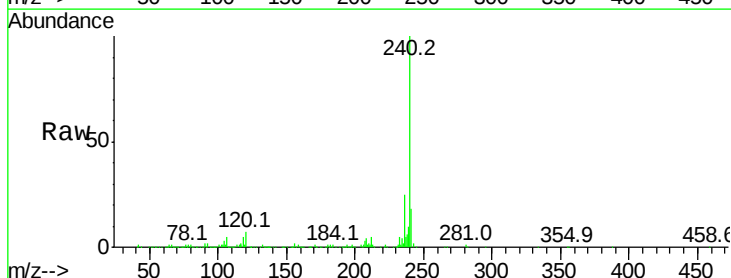
Instrument :
BNA_G
ClientSampleId :

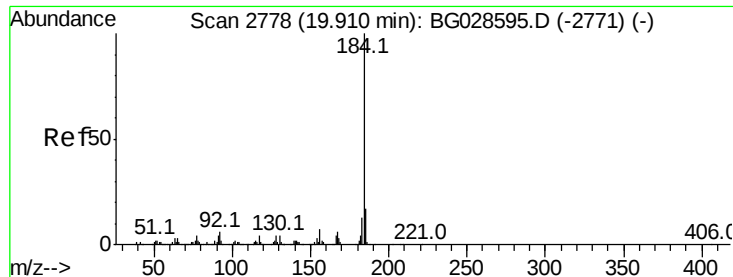
Tot Ion	Ratio	Lower	Upper
149	100		
150	0.0	9.1	13.7#
104	0.0	6.7	10.1#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.03 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.7	8.5
236	25.5	22.2	33.4





#76

Benzidine

Concen: 0.033 ng

RT: 19.92 min Scan# 2780

Delta R.T. 0.01 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

Instrument :

BNA_G

ClientSampled :

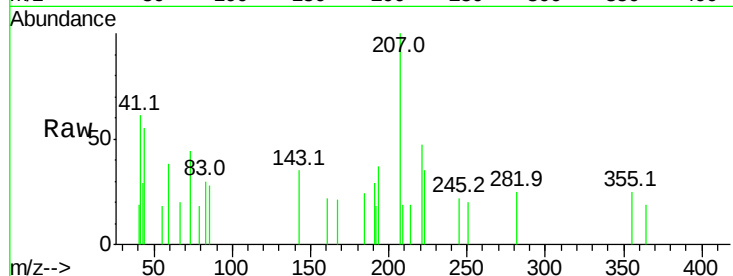
Tot Ion:184 Resp: 197

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

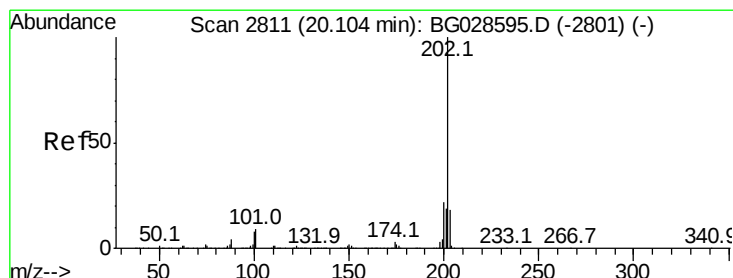
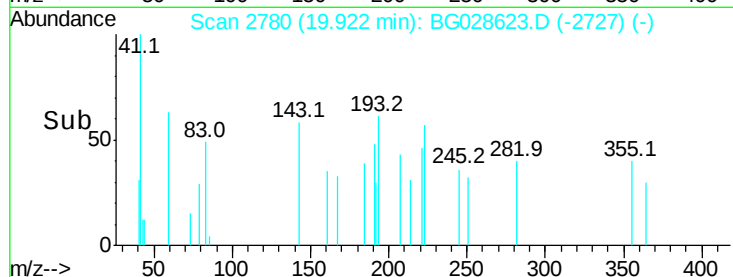
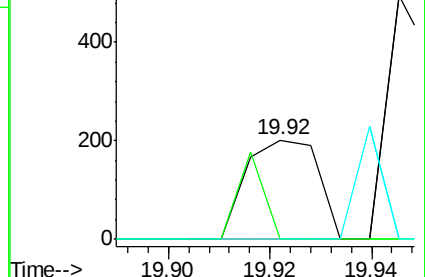
183 0.0 11.0 16.6#



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

Pyrene

Concen: 0.270 ng

RT: 20.27 min Scan# 2840

Delta R.T. 0.17 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

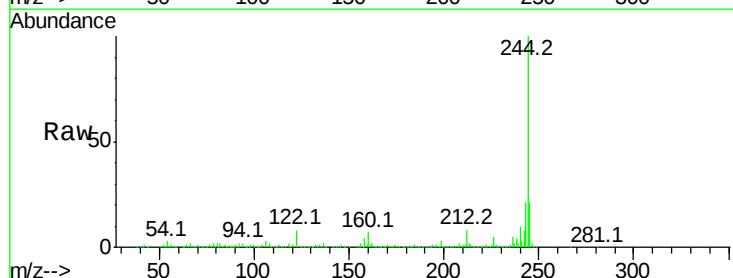
Tgt Ion:202 Resp: 4713

Ion Ratio Lower Upper

202 100

200 44.8 19.6 29.4#

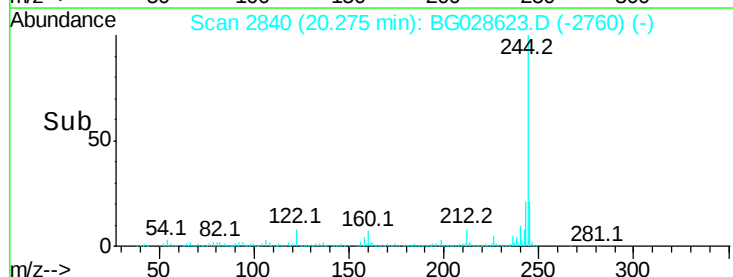
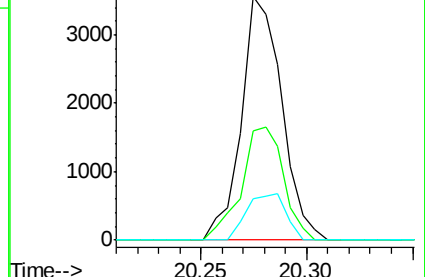
203 16.8 15.8 23.8

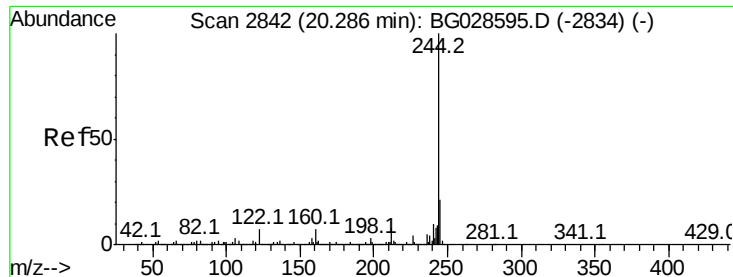


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 96.872 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

Instrument :

BNA_G

ClientSampleId :

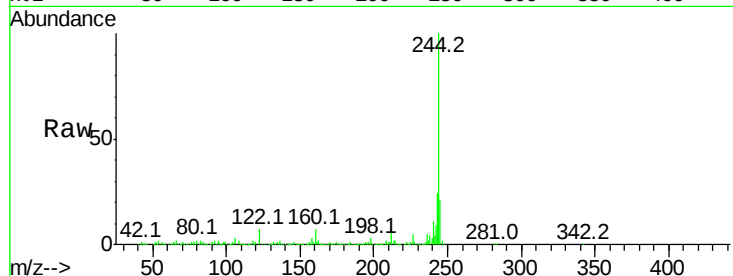
Tot Ion:244 Resp: 1321937

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

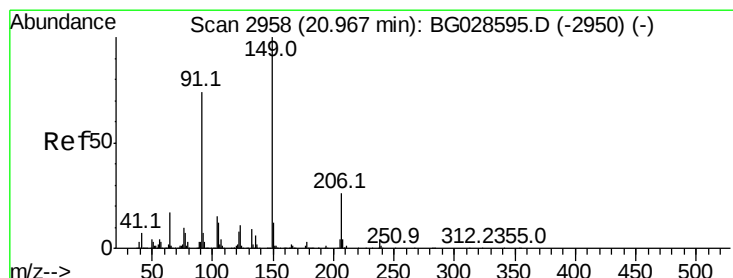
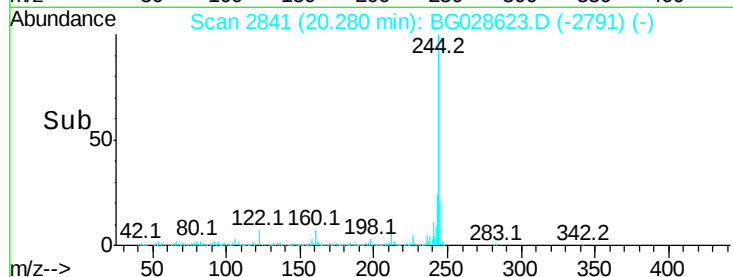
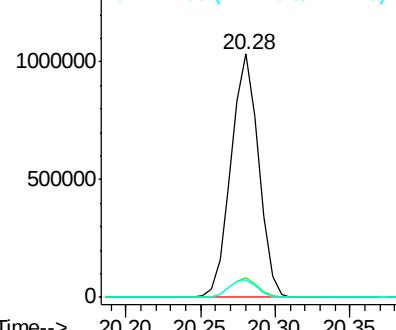
122 7.2 8.6 12.8#



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: 0.899 ng

RT: 20.95 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

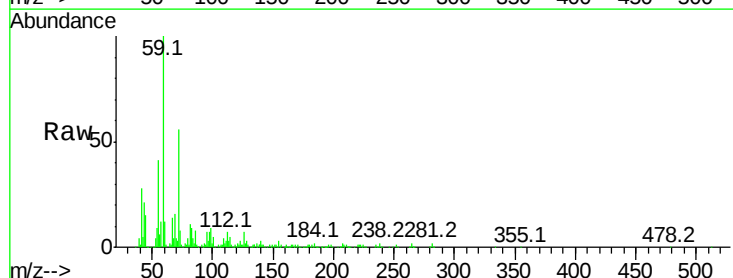
Tgt Ion:149 Resp: 6061

Ion Ratio Lower Upper

149 100

91 138.0 63.5 95.3#

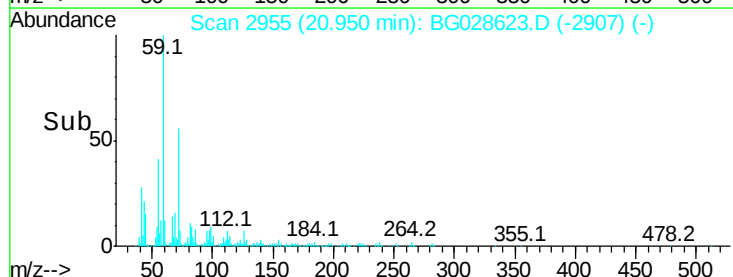
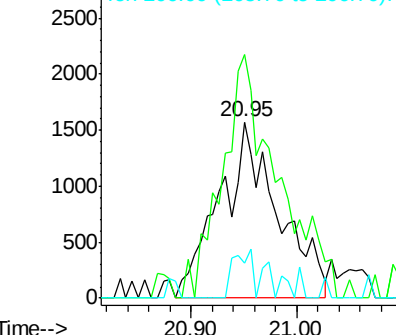
206 19.6 21.0 31.6#

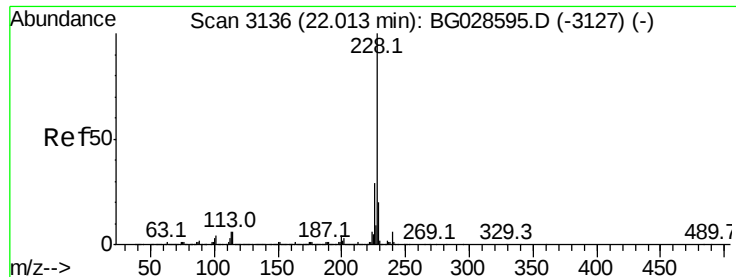


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.057 ng

RT: 22.03 min Scan# 3138

Delta R.T. 0.01 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

Instrument :

BNA_G

ClientSampleId :

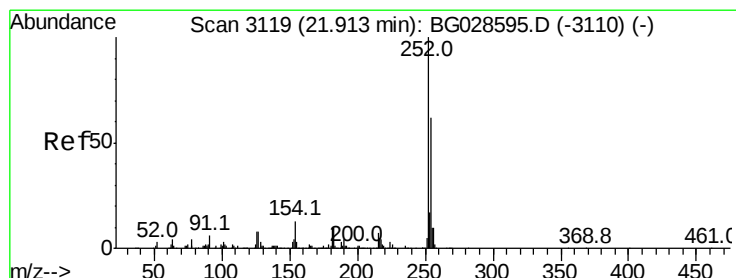
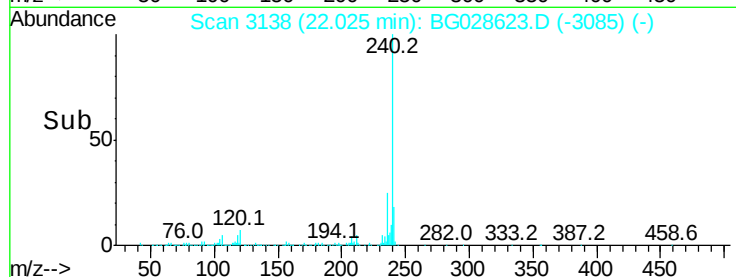
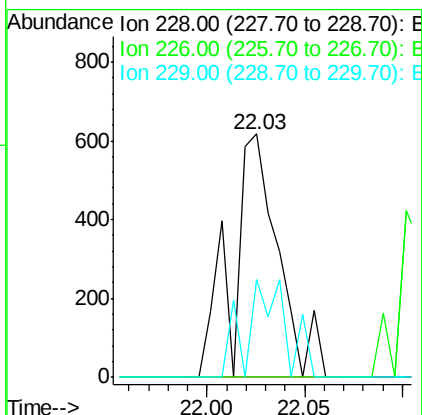
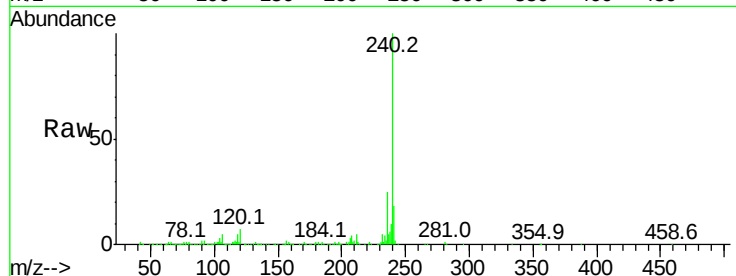
Tot Ion:228 Resp: 1002

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

229 40.3 18.2 27.2#



#81

3,3'-Dichlorobenzidine

Concen: 0.008 ng

RT: 22.07 min Scan# 3146

Delta R.T. 0.16 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

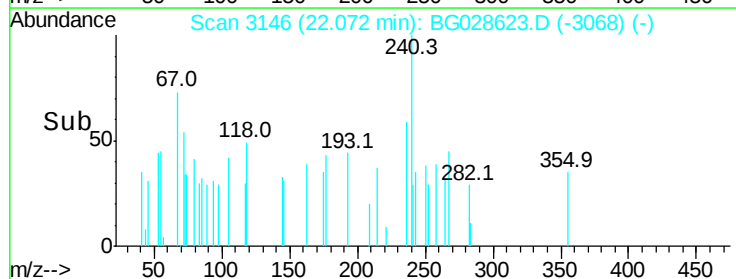
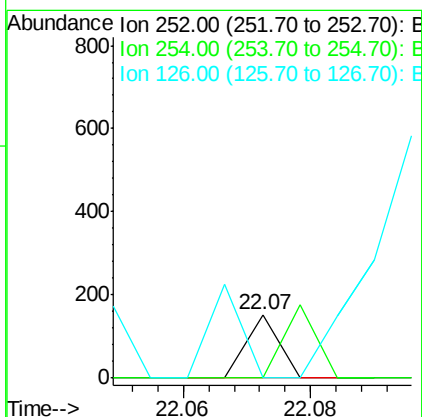
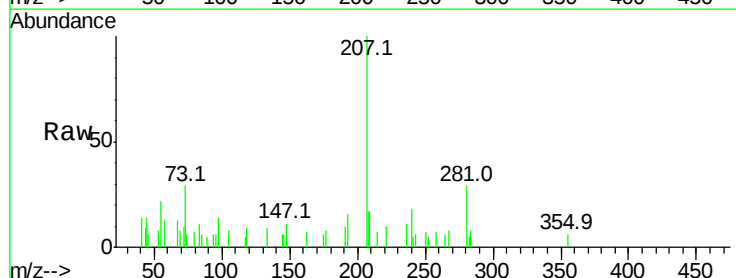
Tgt Ion:252 Resp: 54

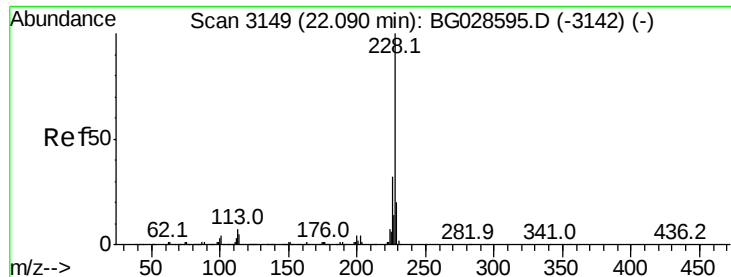
Ion Ratio Lower Upper

252 100

254 0.0 53.1 79.7#

126 0.0 7.0 10.4#





#82

Chrysene

Concen: 0.060 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.06 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

Instrument :

BNA_G

ClientSampleId :

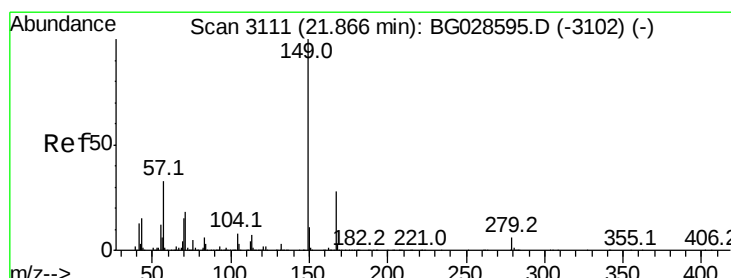
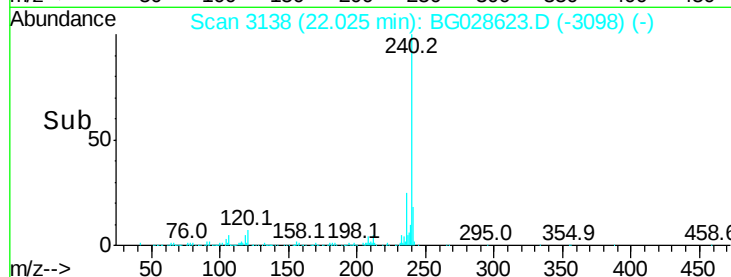
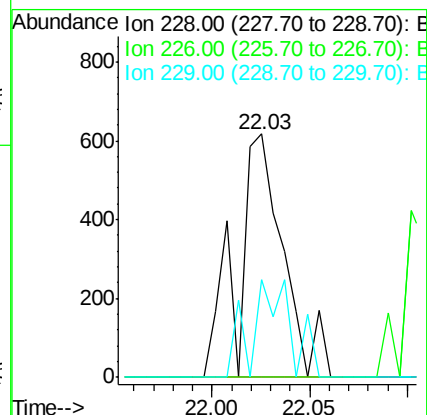
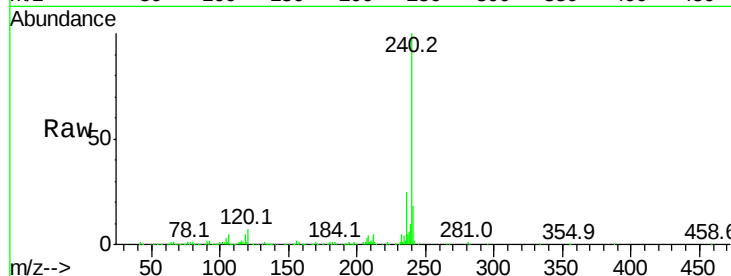
Tot Ion:228 Resp: 1002

Ion Ratio Lower Upper

228 100

226 0.0 27.0 40.4#

229 40.3 17.8 26.6#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.086 ng

RT: 21.85 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

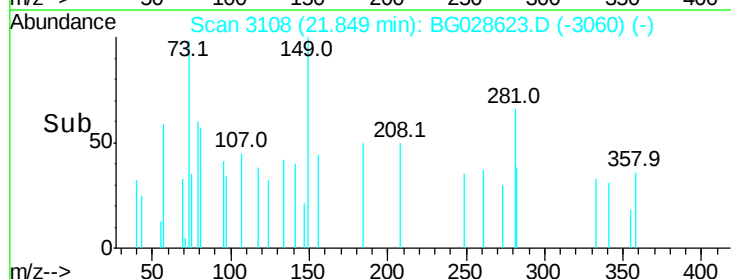
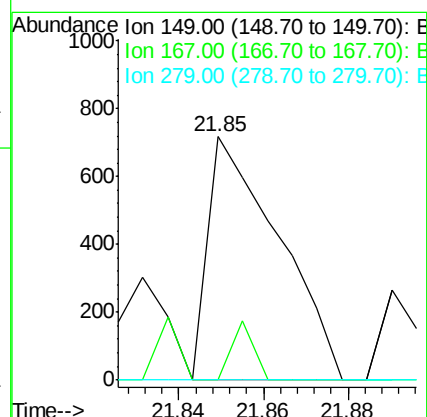
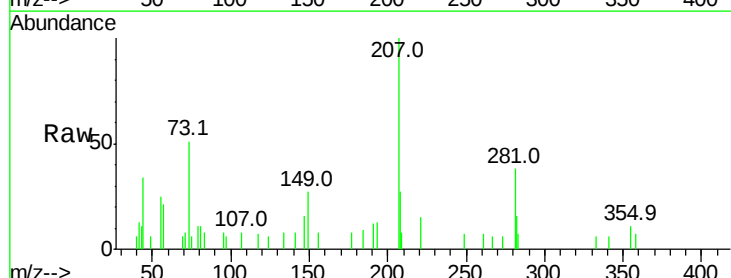
Tgt Ion:149 Resp: 834

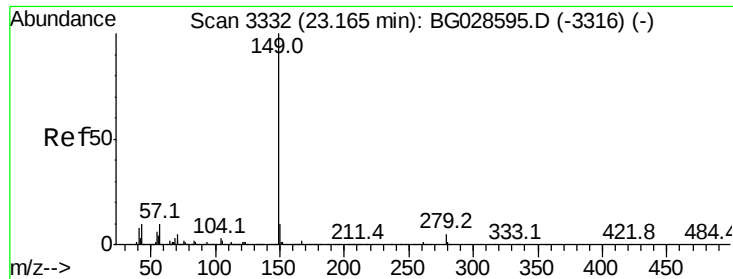
Ion Ratio Lower Upper

149 100

167 0.0 23.7 35.5#

279 0.0 4.6 6.8#

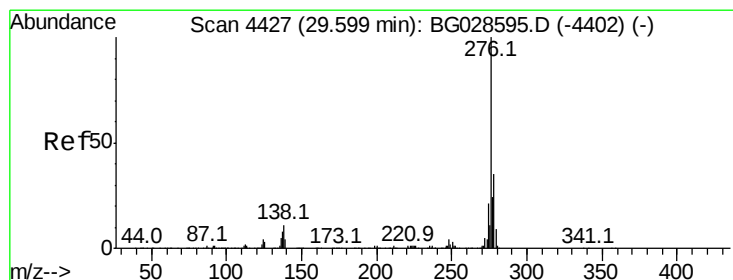
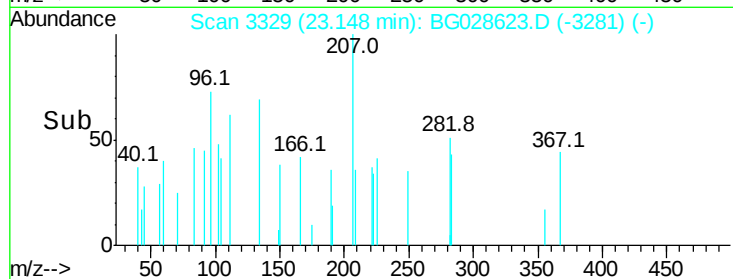
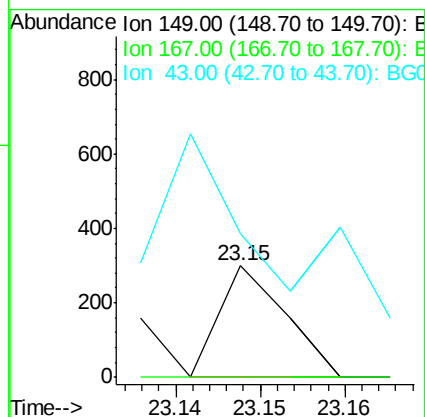
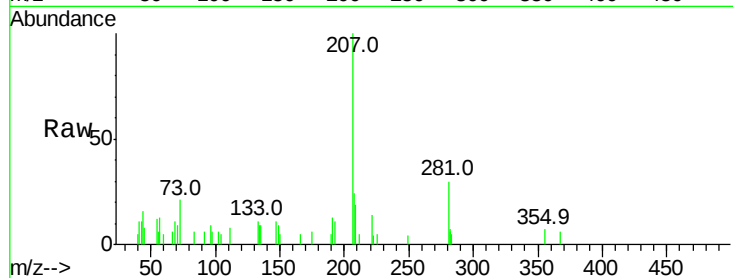




#84
Di-n-octyl phthalate
Concen: 0.010 ng
RT: 23.15 min Scan# 3329
Delta R.T. -0.02 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

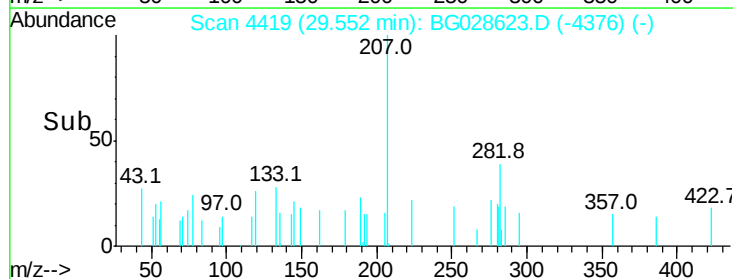
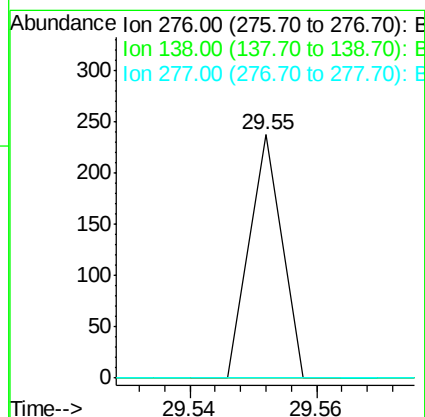
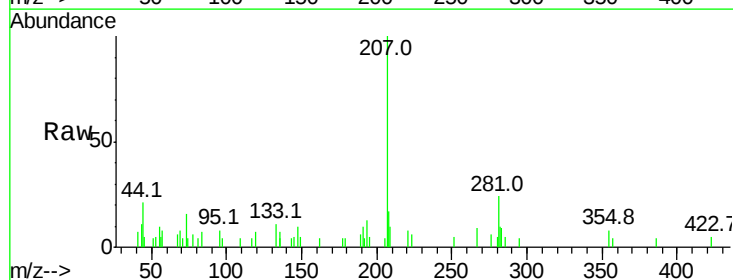
Instrument :
BNA_G
ClientSampled :

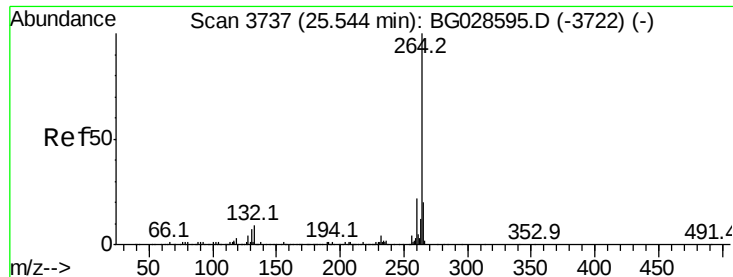
Tot Ion:149 Resp: 162
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.2#
43 389.5 11.8 17.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 0.004 ng
RT: 29.55 min Scan# 4419
Delta R.T. -0.05 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Tgt Ion:276 Resp: 84
Ion Ratio Lower Upper
276 100
138 0.0 4.7 7.1#
277 0.0 20.6 31.0#

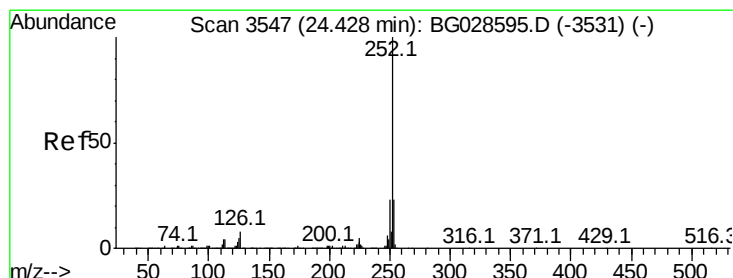
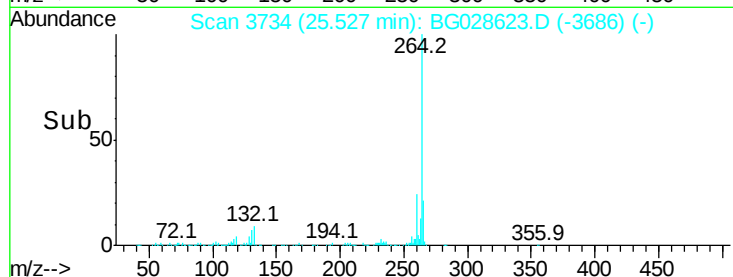
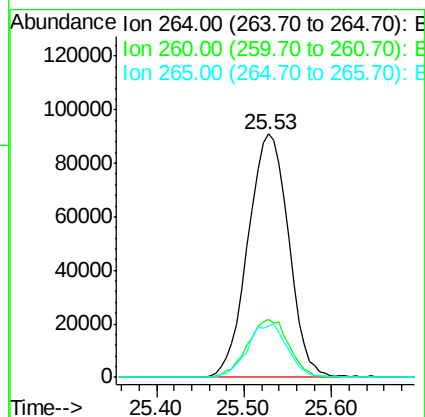
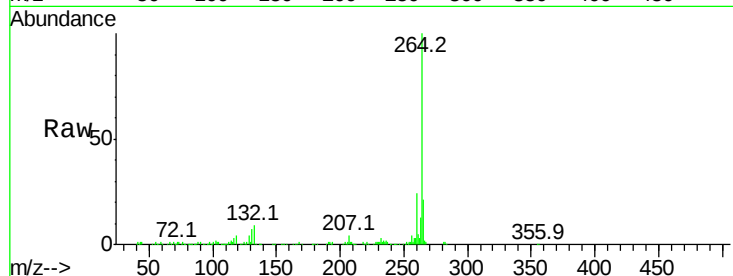




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.53 min Scan# 3734
Delta R.T. -0.02 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

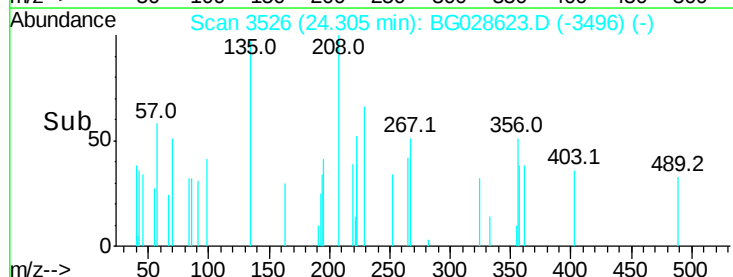
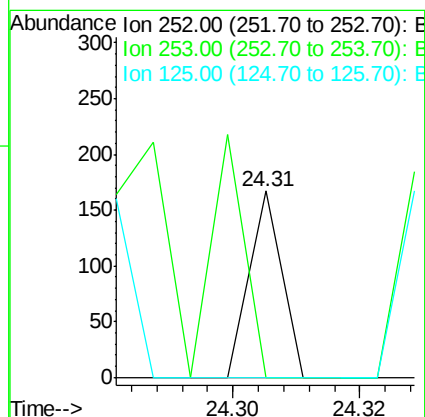
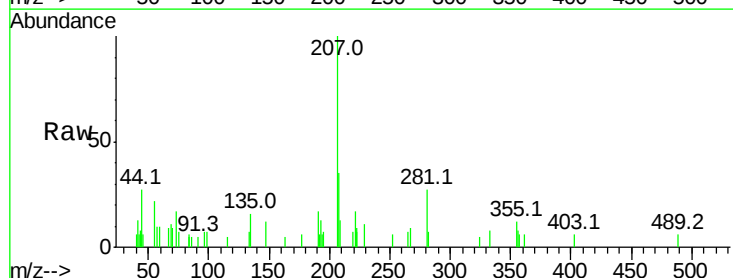
Instrument :
BNA_G
ClientSampleId :

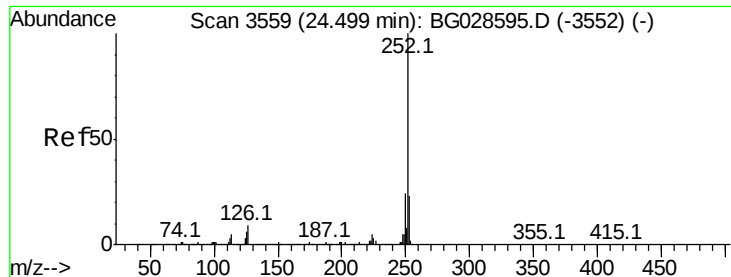
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	21.4	18.2	27.4



#87
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 24.31 min Scan# 3526
Delta R.T. -0.12 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

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





#88

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 24.31 min Scan# 3526

Delta R.T. -0.19 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

Instrument :

BNA_G

ClientSampleId :

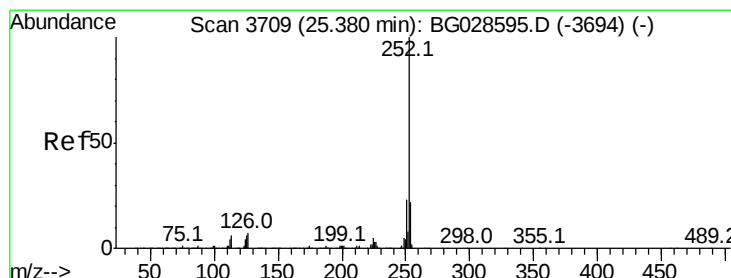
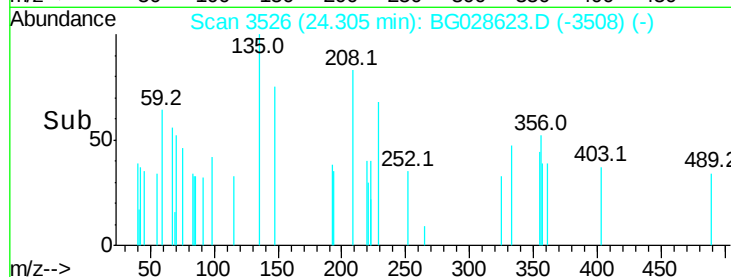
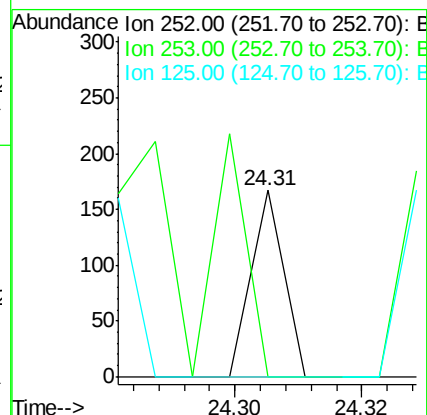
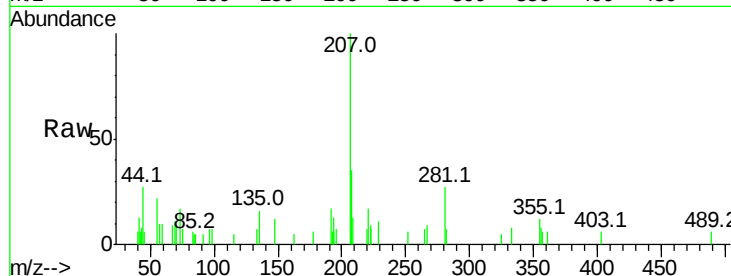
Tot Ion:252 Resp: 59

Ion Ratio Lower Upper

252 100

253 0.0 20.2 30.2#

125 0.0 5.1 7.7#



#89

Benzo(a)pyrene

Concen: 0.006 ng

RT: 25.34 min Scan# 3702

Delta R.T. -0.04 min

Lab File: BG028623.D

Acq: 9 Sep 2017 20:17

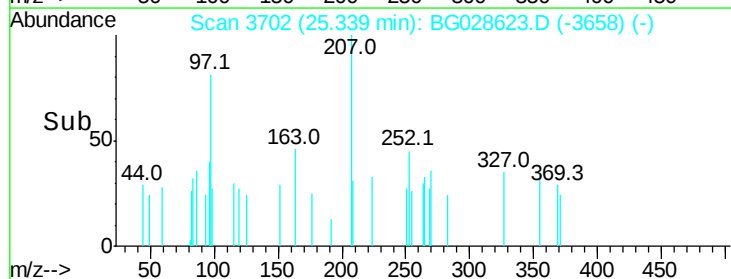
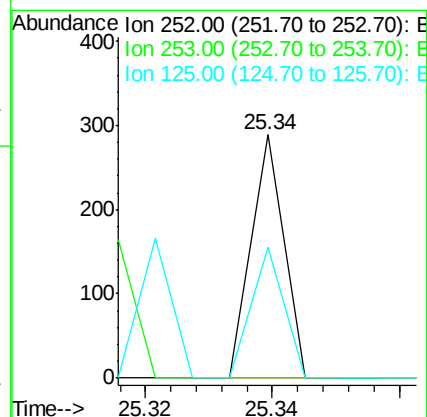
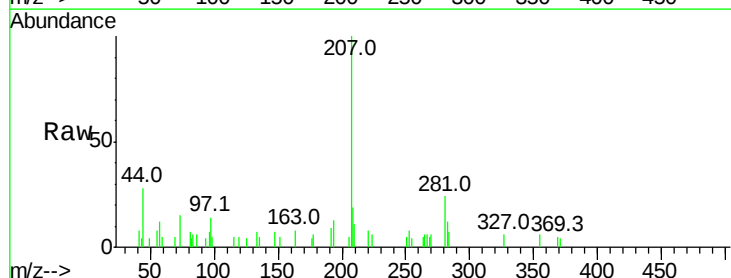
Tgt Ion:252 Resp: 102

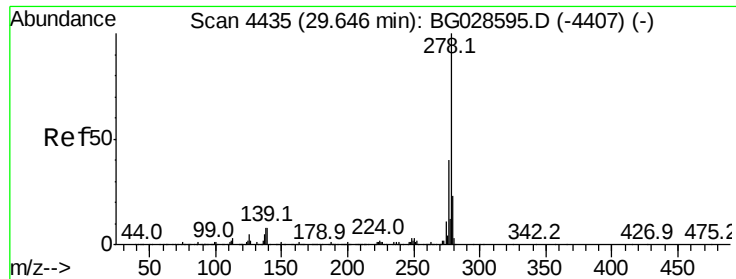
Ion Ratio Lower Upper

252 100

253 0.0 19.2 28.8#

125 53.6 5.4 8.0#



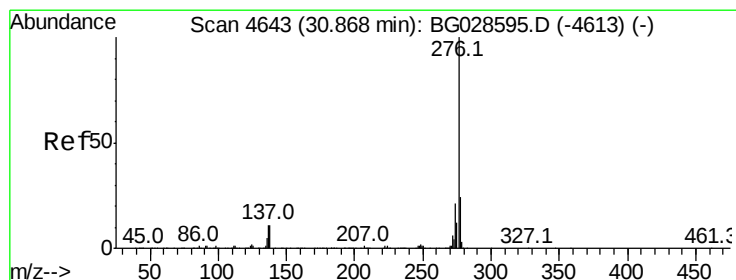
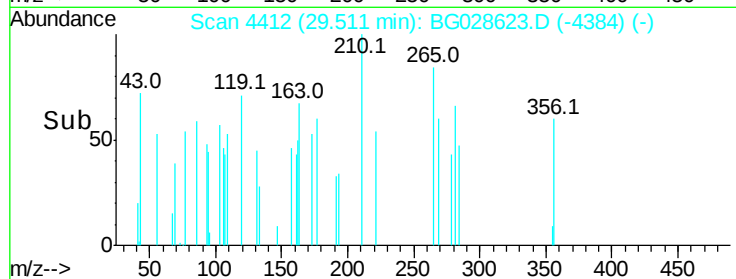
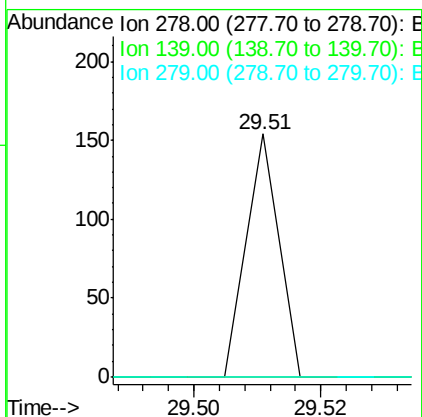
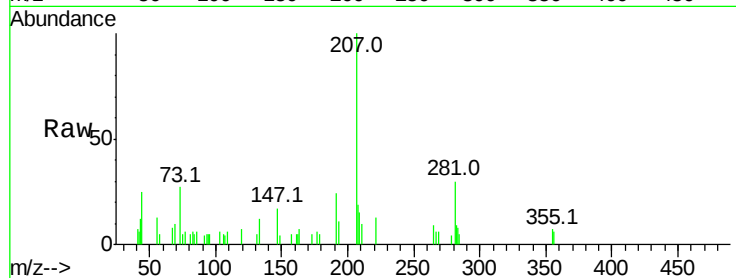


#90
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 29.51 min Scan# 4412
Delta R.T. -0.13 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 54

Ion	Ratio	Lower	Upper
278	100		
139	0.0	7.7	11.5#
279	0.0	19.1	28.7#



#91
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 30.75 min Scan# 4623
Delta R.T. -0.12 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Tgt Ion:276 Resp: 58

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.6	27.8#
138	0.0	8.1	12.1#

