

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091017\
 Data File : BG028619.D
 Acq On : 9 Sep 2017 17:39
 Operator : SJ/JU
 Sample : PB102150TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 07:11:06 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	29500	20.00	ng	0.00
21) Naphthalene-d8	11.16	136	112191	20.00	ng	0.00
38) Acenaphthene-d10	14.95	164	82288	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	235091	20.00	ng	0.00
75) Chrysene-d12	22.03	240	289998	20.00	ng	-0.01
86) Perylene-d12	25.53	264	283729	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	317068	180.97	ng	0.00
7) Phenol-d6	7.49	99	423109	166.49	ng	0.00
23) Nitrobenzene-d5	9.51	82	268621	109.94	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	257038	205.52	ng	0.00
44) 2-Fluorobiphenyl	13.57	172	676912	107.62	ng	0.00
78) Terphenyl-d14	20.28	244	1461075	108.55	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.86	88	188	0.262	ng	# 1
4) n-Nitrosodimethylamine	4.15	42	76	0.072	ng	# 1
6) Aniline	7.87	93	606	0.186	ng	# 1
8) 2-Chlorophenol	7.90	128	75	0.038	ng	# 1
9) Benzaldehyde	7.48	77	522	0.348	ng	# 10
10) Phenol	7.52	94	63	0.023	ng	# 1
11) bis(2-Chloroethyl)ether	7.87	93	606	0.299	ng	# 1
14) 1,2-Dichlorobenzene	8.68	146	54	0.024	ng	# 1
15) Benzyl Alcohol	8.66	79	4935	2.450	ng	# 65
17) 2-Methylphenol	8.66	107	122	0.069	ng	# 1
24) Nitrobenzene	9.51	77	741	0.287	ng	# 43
25) Isophorone	10.10	82	57	0.013	ng	# 67
28) bis(2-Chloroethoxy)methane	10.28	93	62	0.023	ng	# 50
33) 4-Chloroaniline	11.33	127	57	0.022	ng	# 40
34) Hexachlorobutadiene	11.29	225	61	0.036	ng	# 19
35) Caprolactam	12.24	113	54	0.075	ng	# 1
39) 1,2,4,5-Tetrachlorobenzene	13.07	216	84	0.026	ng	# 25
45) 1,1'-Biphenyl	13.77	154	774	0.112	ng	# 41
48) Acenaphthylene	14.48	152	55	0.007	ng	# 58
51) Acenaphthene	14.95	154	164	0.033	ng	# 6
54) Dibenzofuran	15.29	168	64	0.008	ng	# 40
56) 2,4-Dinitrotoluene	15.26	165	55	0.026	ng	# 16
58) 2,3,4,6-Tetrachlorophenol	15.58	232	54	0.030	ng	# 39
59) Diethylphthalate	15.75	149	63	0.009	ng	# 56
62) Azobenzene	16.43	77	1154	0.182	ng	# 39
65) n-Nitrosodiphenylamine	16.44	169	8044	1.159	ng	# 43
72) Carbazole	18.26	167	68	0.006	ng	# 55
73) Di-n-butylphthalate	18.62	149	66	0.005	ng	# 73
74) Fluoranthene	19.72	202	68	0.004	ng	# 61
76) Benzdine	19.91	184	8286	1.406	ng	# 94
77) Pyrene	20.28	202	4996	0.290	ng	# 68
79) Butylbenzylphthalate	20.96	149	65	0.010	ng	# 19
80) Benzo(a)anthracene	22.01	228	393	0.023	ng	# 47
81) 3,3'-Dichlorobenzidine	21.90	252	66	0.010	ng	# 24

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091017\
Data File : BG028619.D
Acq On : 9 Sep 2017 17:39
Operator : SJ/JU
Sample : PB102150TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 11 07:11:06 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

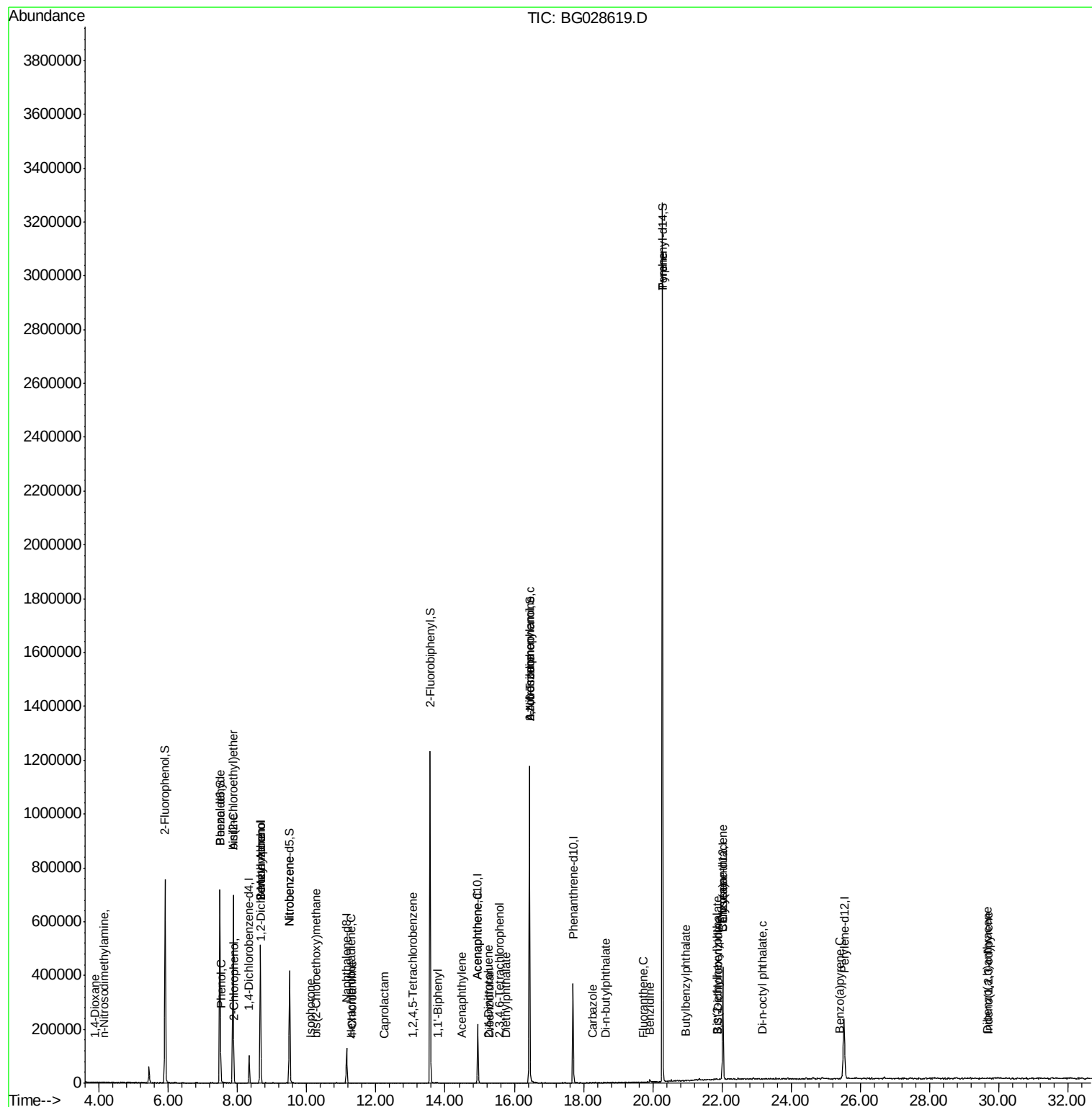
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	22.01	228	393	0.024	ng	# 46
83) Bis(2-ethylhexyl)phthalate	21.86	149	427	0.045	ng	# 51
84) Di-n-octyl phthalate	23.16	149	116	0.007	ng	# 1
85) Indeno(1,2,3-cd)pyrene	29.69	276	54	0.003	ng	# 55
89) Benzo(a)pyrene	25.39	252	57	0.003	ng	# 58
90) Dibenzo(a,h)anthracene	29.67	278	64	0.004	ng	# 58

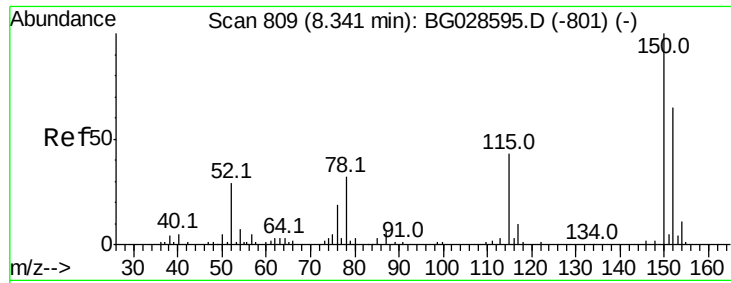
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091017\
Data File : BG028619.D
Acq On : 9 Sep 2017 17:39
Operator : SJ/JU
Sample : PB102150TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 11 07:11:06 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



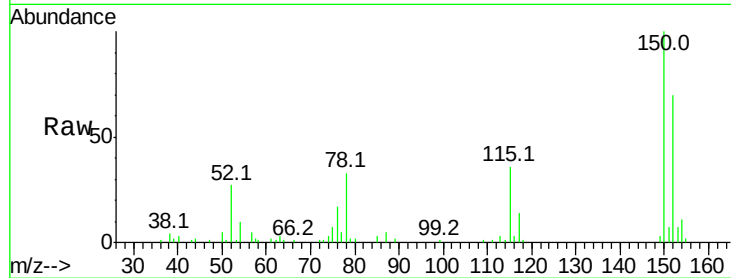


#1

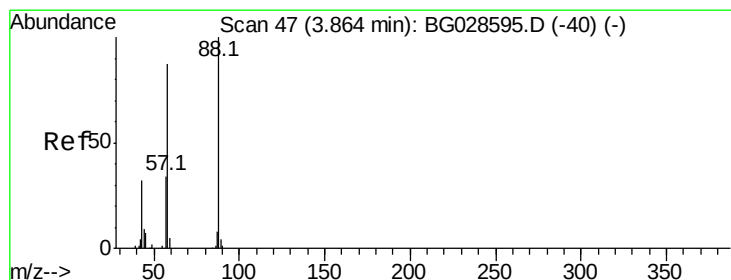
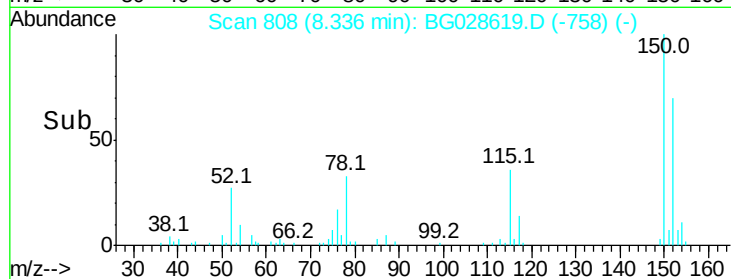
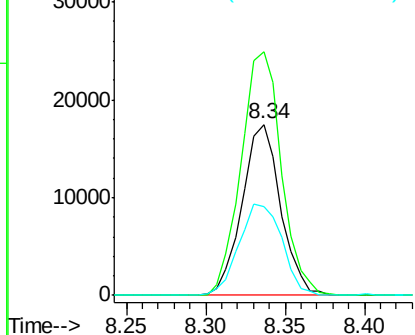
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29500
Ion Ratio Lower Upper
152 100
150 142.3 114.0 171.0
115 51.7 48.1 72.1



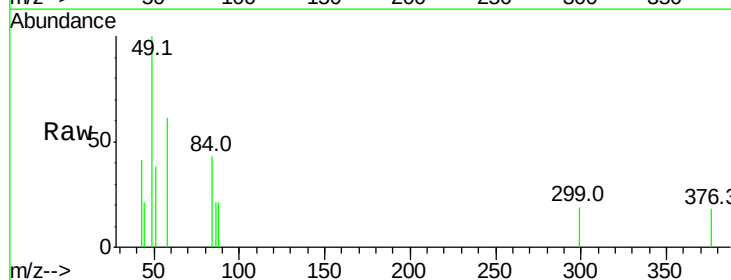
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



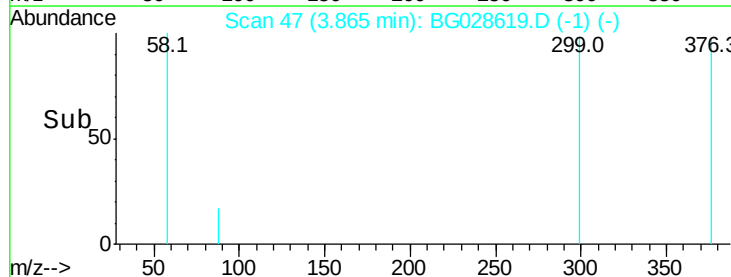
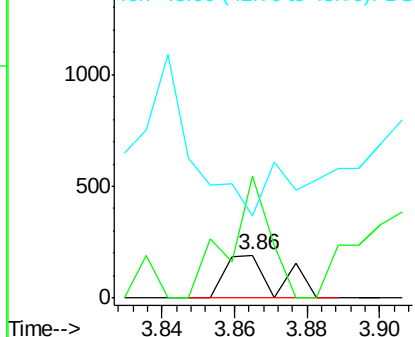
#2

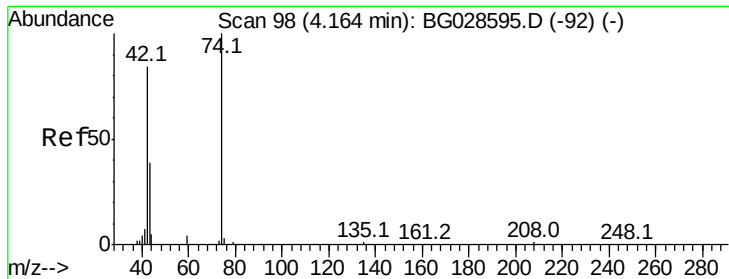
1,4-Dioxane
Concen: 0.262 ng
RT: 3.86 min Scan# 47
Delta R.T. 0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion: 88 Resp: 188
Ion Ratio Lower Upper
88 100
58 226.1 79.4 119.2#
43 0.0 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



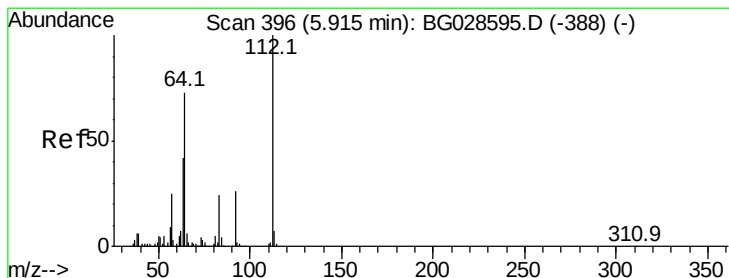
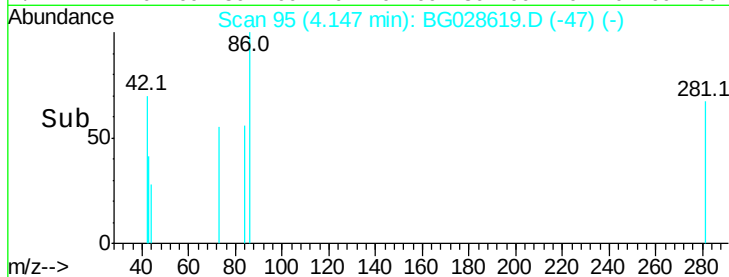
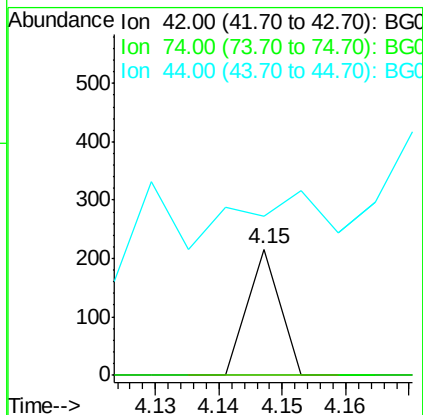
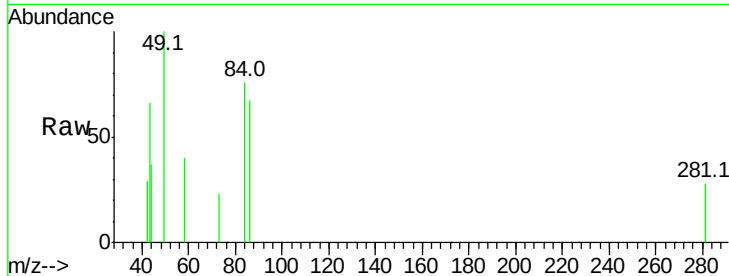


#4

n-Nitrosodimethylamine
 Concen: 0.072 ng
 RT: 4.15 min Scan# 95
 Delta R.T. -0.02 min
 Lab File: BG028619.D
 Acq: 9 Sep 2017 17:39

Instrument :
 BNA_G
 ClientSampleId :

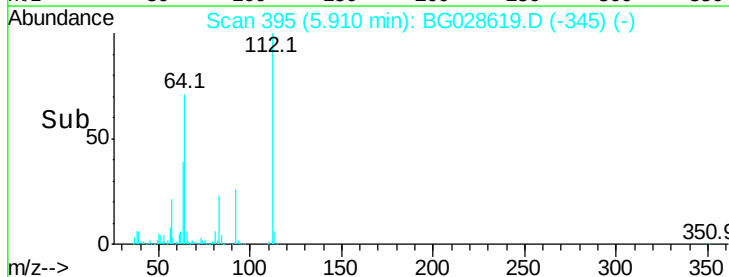
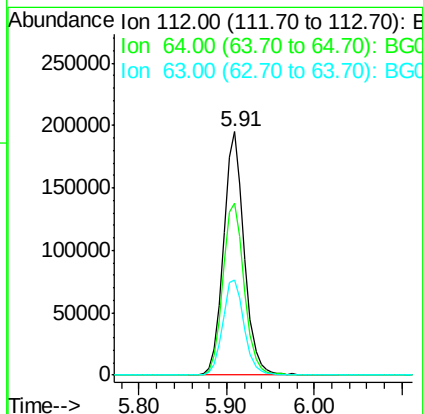
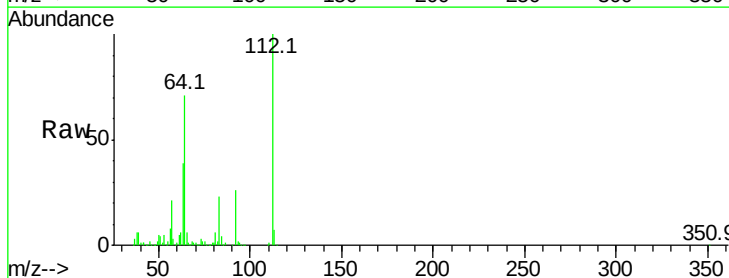
Tot Ion: 42 Resp: 76
 Ion Ratio Lower Upper
 42 100
 74 0.0 76.7 115.1#
 44 125.9 6.1 9.1#

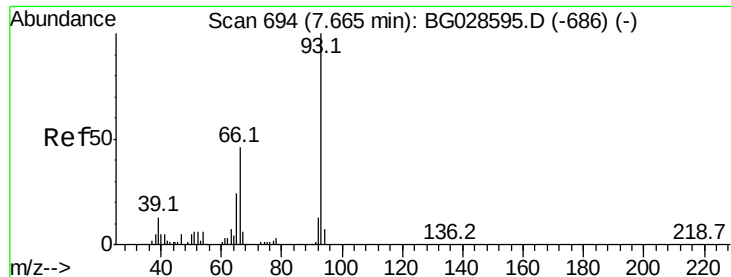


#5

2-Fluorophenol
 Concen: 180.969 ng
 RT: 5.91 min Scan# 395
 Delta R.T. -0.00 min
 Lab File: BG028619.D
 Acq: 9 Sep 2017 17:39

Tgt Ion: 112 Resp: 317068
 Ion Ratio Lower Upper
 112 100
 64 70.6 61.8 92.6
 63 38.8 37.2 55.8





#6

Aniline

Concen: 0.186 ng

RT: 7.87 min Scan# 728

Delta R.T. 0.20 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

Instrument :

BNA_G

ClientSampleId :

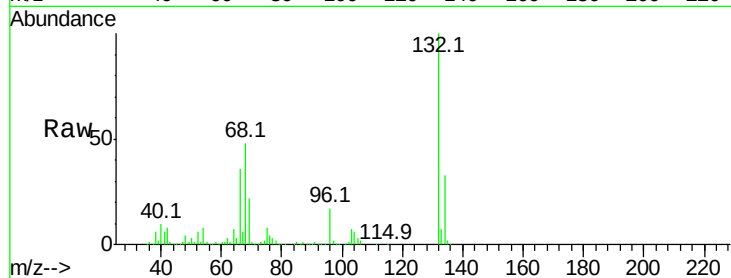
Tot Ion: 93 Resp: 606

Ion Ratio Lower Upper

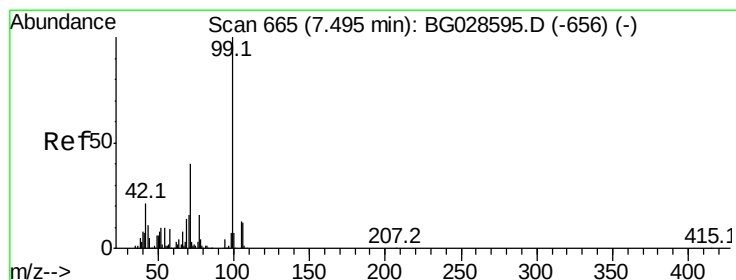
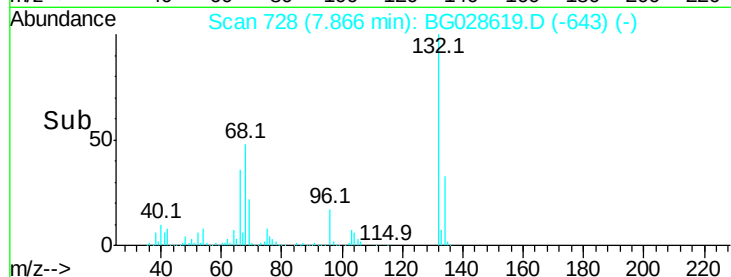
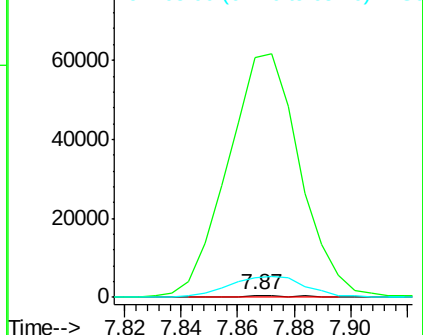
93 100

66 13434.0 35.4 53.2#

65 1090.9 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: 166.491 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

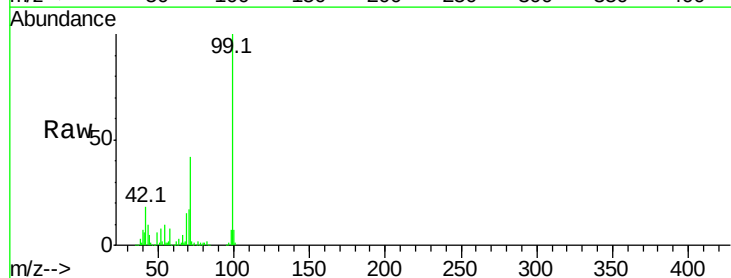
Tgt Ion: 99 Resp: 423109

Ion Ratio Lower Upper

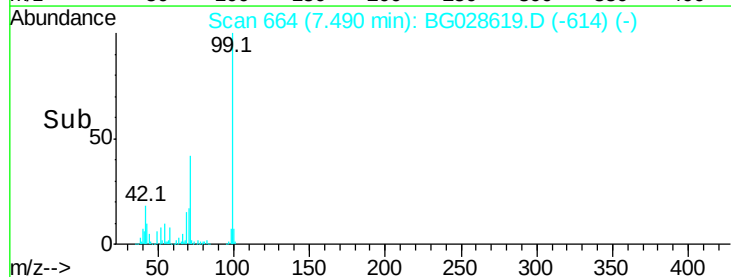
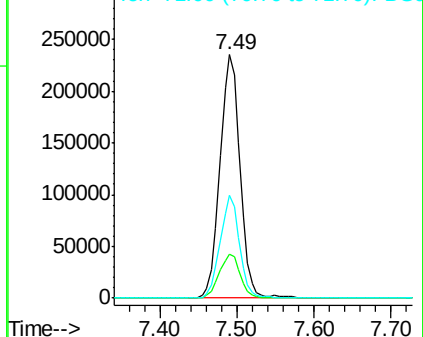
99 100

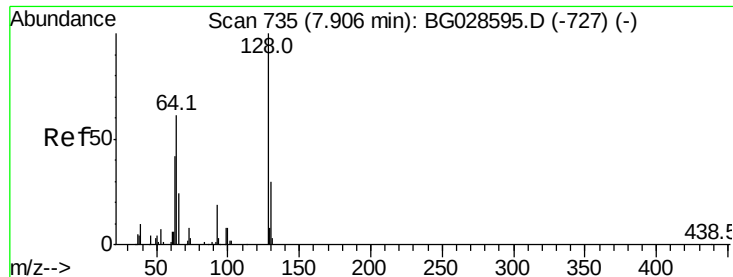
42 17.8 20.5 30.7#

71 42.1 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: 0.038 ng

RT: 7.90 min Scan# 734

Delta R.T. -0.00 min

Lab File: BG028619.D

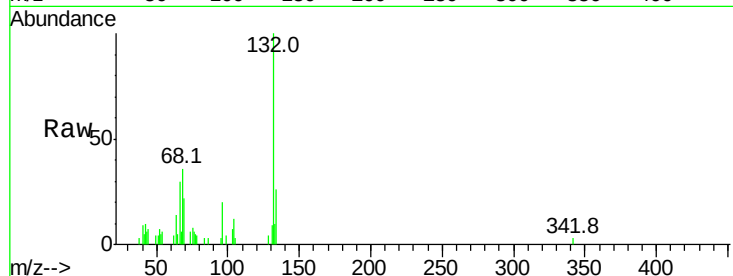
Acq: 9 Sep 2017 17:39

Instrument :

BNA_G

ClientSampled :

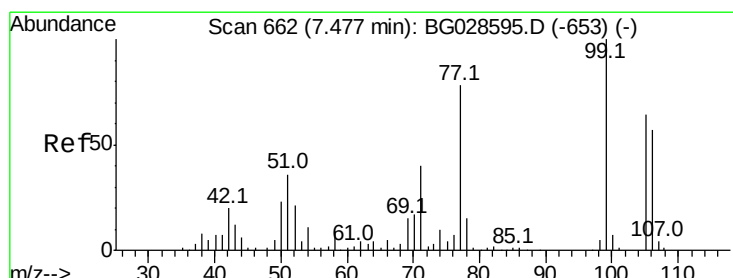
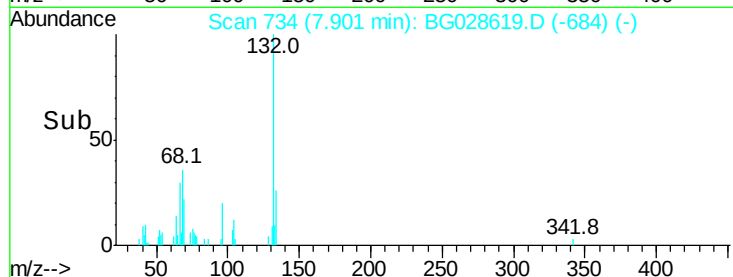
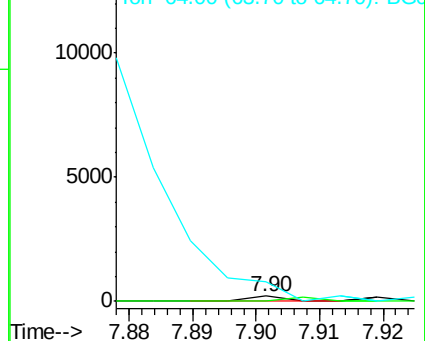
Tot Ion:	128	Resp:	75
Ion	Ratio	Lower	Upper
128	100		
130	0.0	11.4	51.4#
64	373.4	46.6	86.6#



Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 0.348 ng

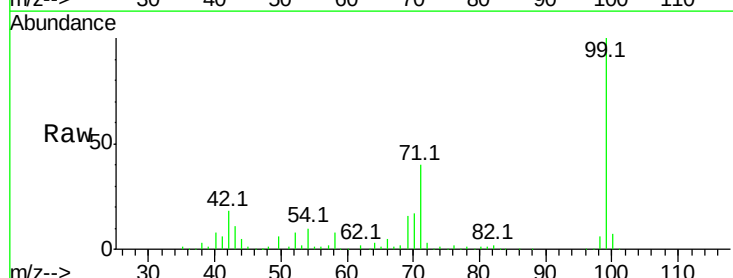
RT: 7.48 min Scan# 663

Delta R.T. 0.01 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

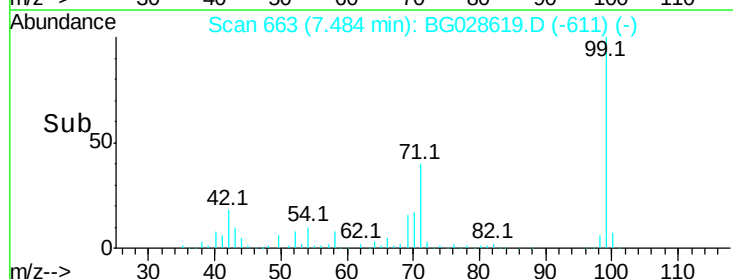
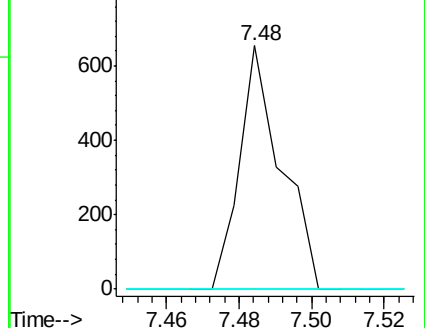
Tgt Ion:	77	Resp:	522
Ion	Ratio	Lower	Upper
77	100		
105	0.0	60.9	100.9#
106	0.0	55.1	95.1#

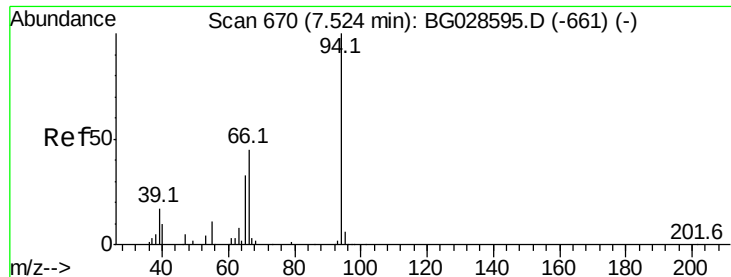


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 0.023 ng

RT: 7.52 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

Instrument :

BNA_G

ClientSampleId :

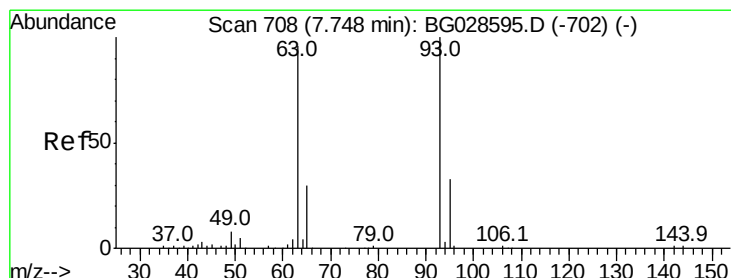
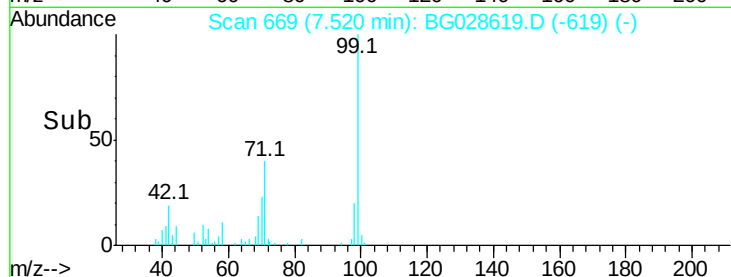
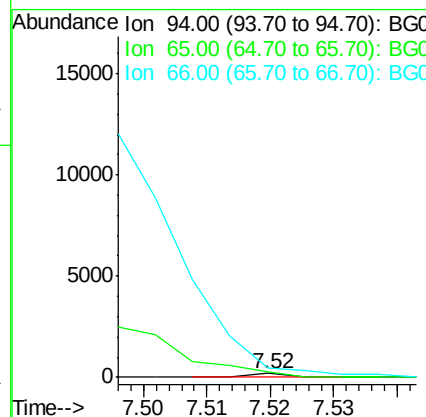
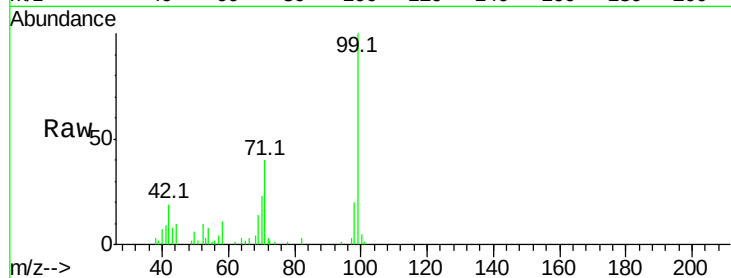
Tot Ion: 94 Resp: 63

Ion Ratio Lower Upper

94 100

65 160.0 20.6 60.6#

66 253.3 35.5 75.5#



#11

bis(2-Chloroethyl)ether

Concen: 0.299 ng

RT: 7.87 min Scan# 728

Delta R.T. 0.12 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

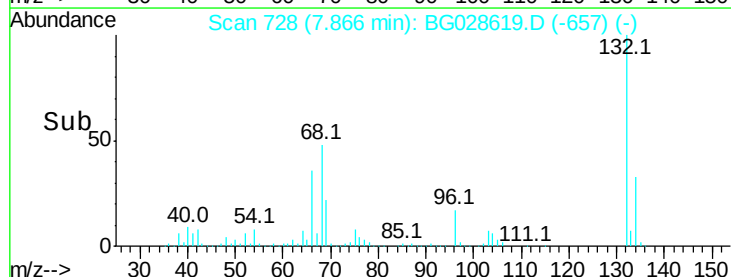
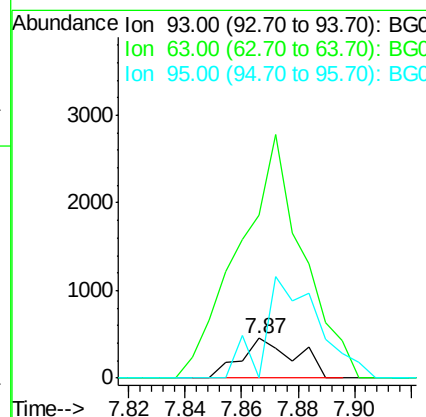
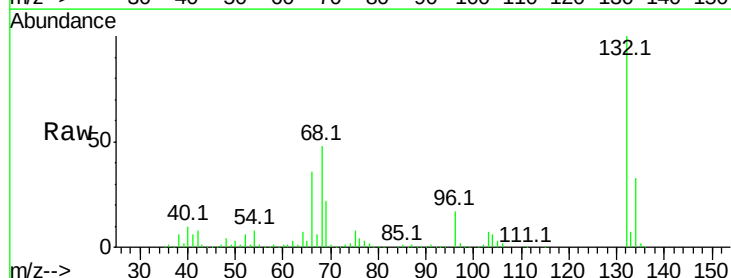
Tgt Ion: 93 Resp: 606

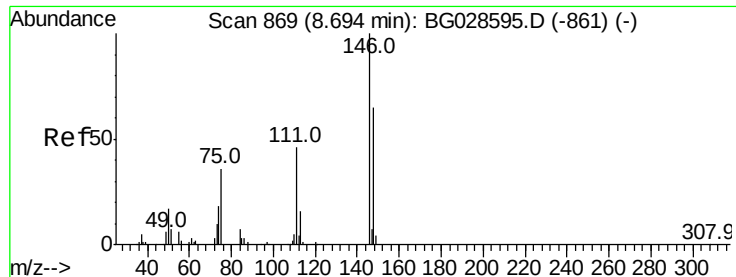
Ion Ratio Lower Upper

93 100

63 411.5 78.5 118.5#

95 0.0 9.8 49.8#





#14

1,2-Dichlorobenzene

Concen: 0.024 ng

RT: 8.68 min Scan# 866

Delta R.T. -0.02 min

Lab File: BG028619.D

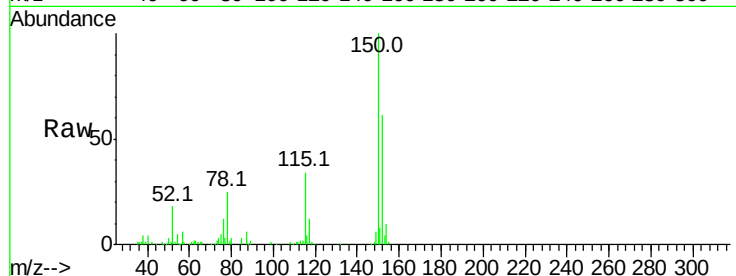
Acq: 9 Sep 2017 17:39

Instrument :

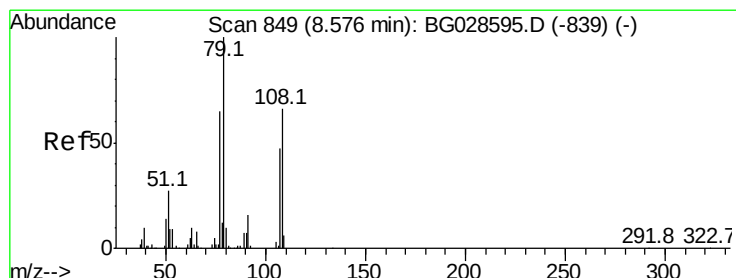
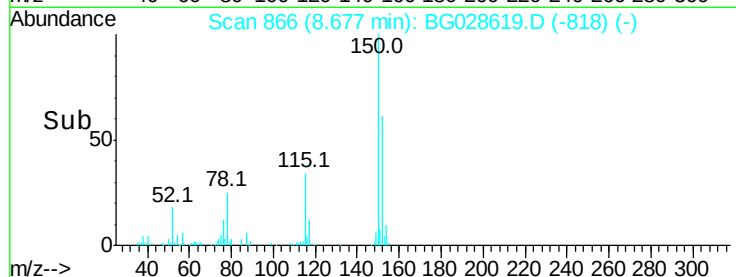
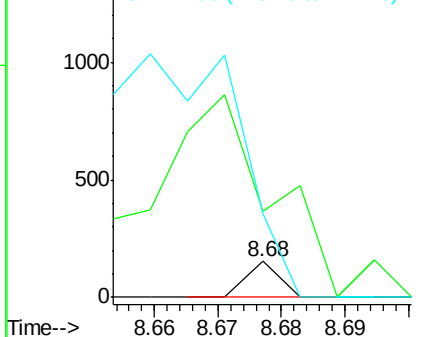
BNA_G

ClientSampled :

Tot Ion:146	Resp:	54
Ion Ratio	Lower	Upper
146	100	
148	239.9	54.6 81.8#
111	233.3	39.7 59.5#



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



#15

Benzyl Alcohol

Concen: 2.450 ng

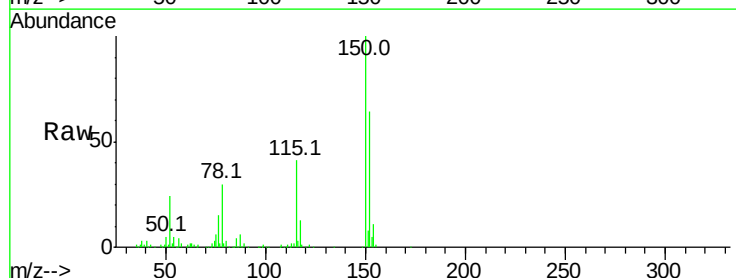
RT: 8.66 min Scan# 863

Delta R.T. 0.08 min

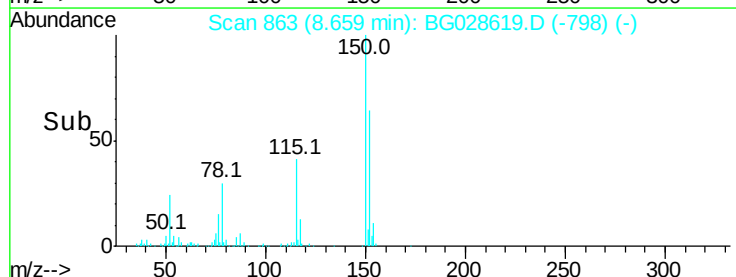
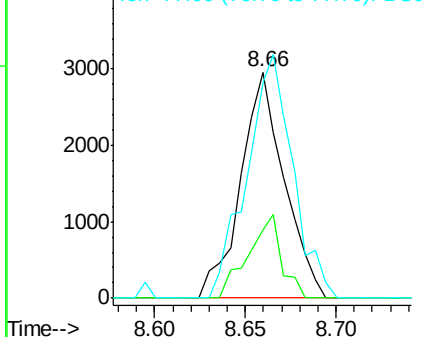
Lab File: BG028619.D

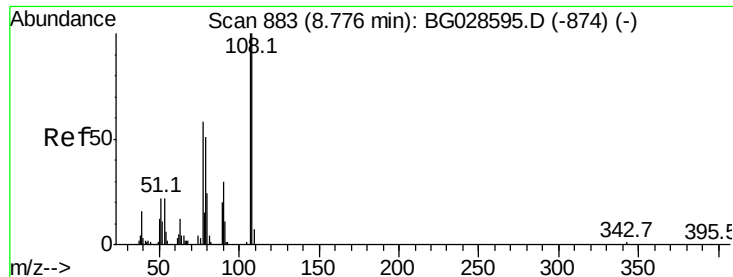
Acq: 9 Sep 2017 17:39

Tgt Ion: 79	Resp:	4935
Ion Ratio	Lower	Upper
79	100	
108	30.0	45.5 68.3#
77	95.3	54.3 81.5#



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





#17

2-Methylphenol

Concen: 0.069 ng

RT: 8.66 min Scan# 863

Delta R.T. -0.12 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

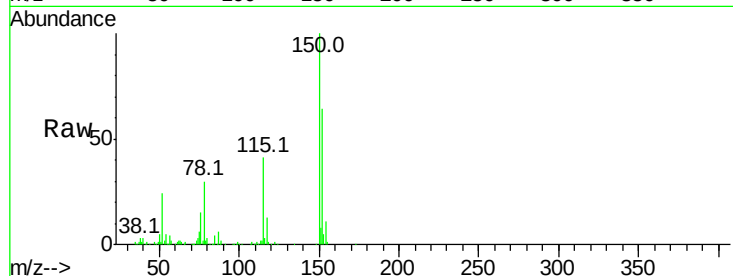
Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 122

Ion	Ratio	Lower	Upper
107	100		
108	496.6	85.6	128.4#
77	1577.7	51.4	77.2#
79	1655.9	49.2	73.8#



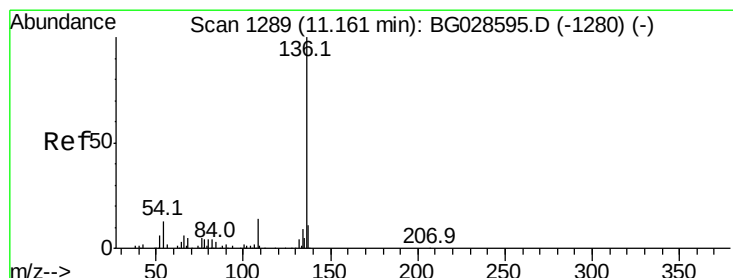
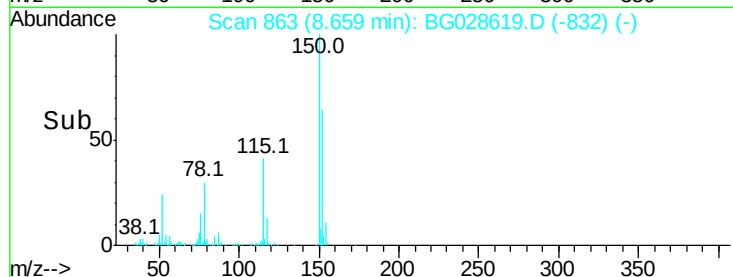
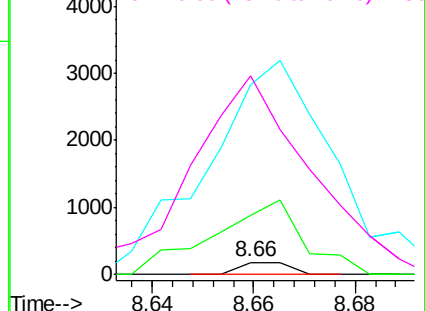
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.16 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

Tgt Ion:136 Resp: 112191

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	11.9	9.3	13.9
68	4.7	5.1	7.7#

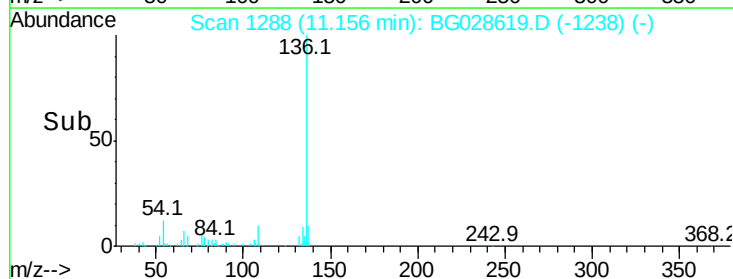
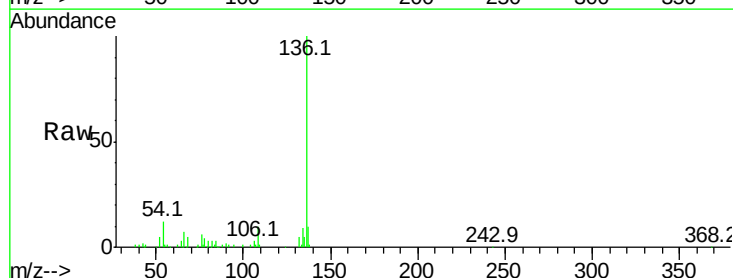
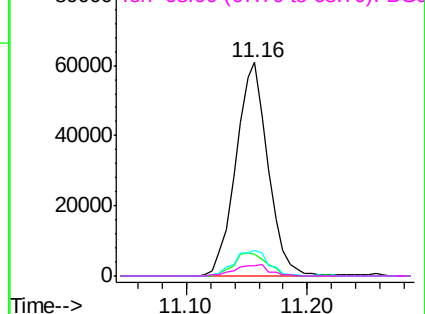
Abundance

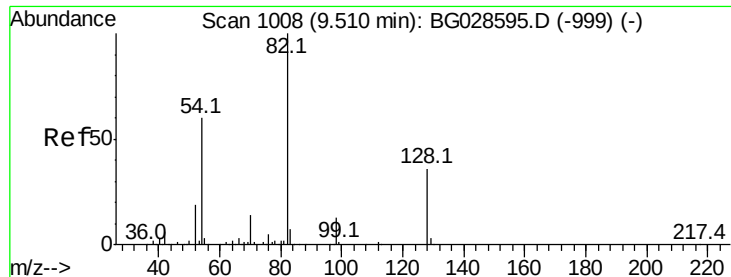
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

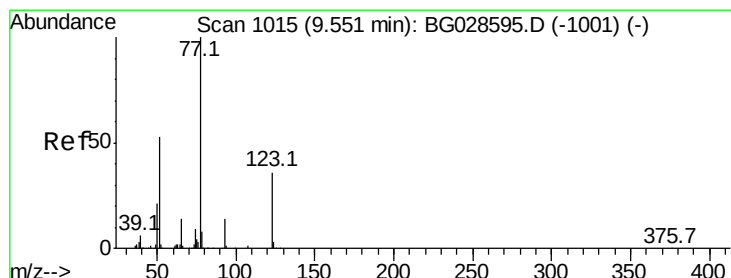
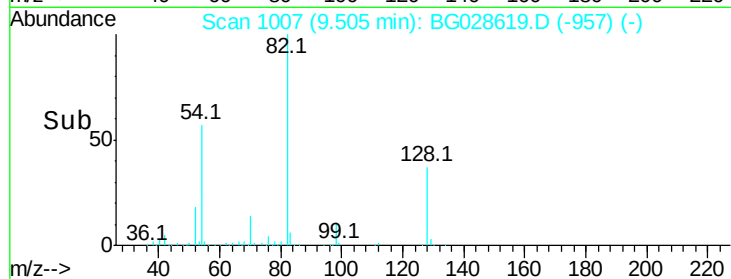
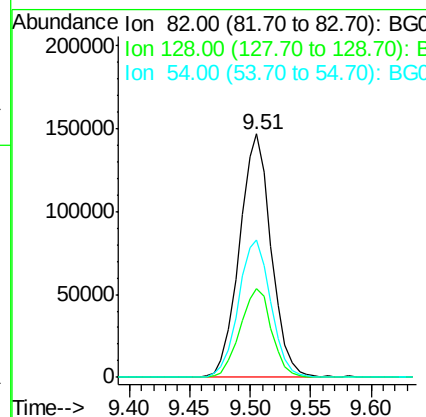
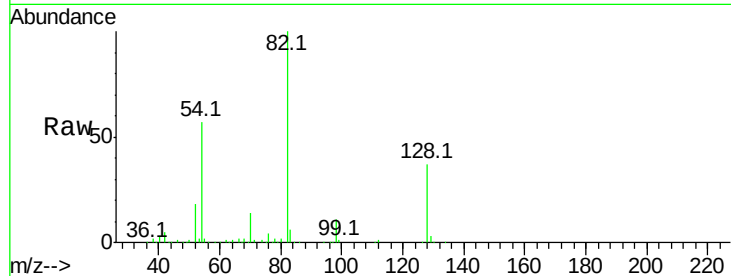




#23
 Nitrobenzene-d5
 Concen: 109.942 ng
 RT: 9.51 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BG028619.D
 Acq: 9 Sep 2017 17:39

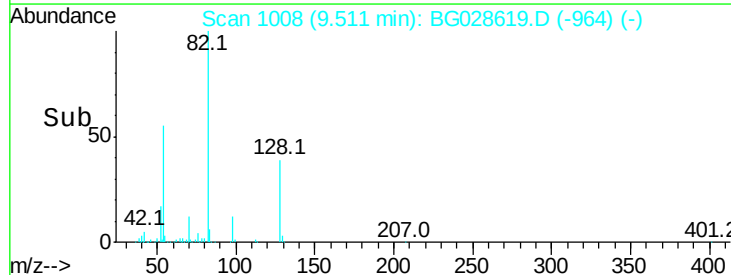
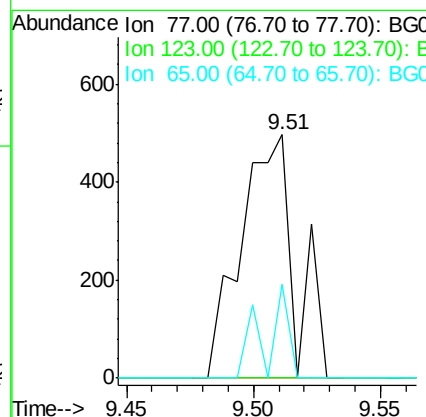
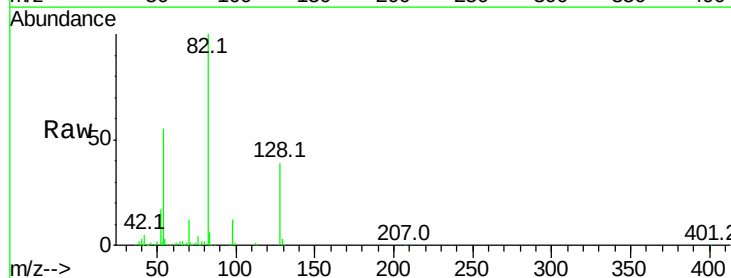
Instrument :
 BNA_G
 ClientSampleId :

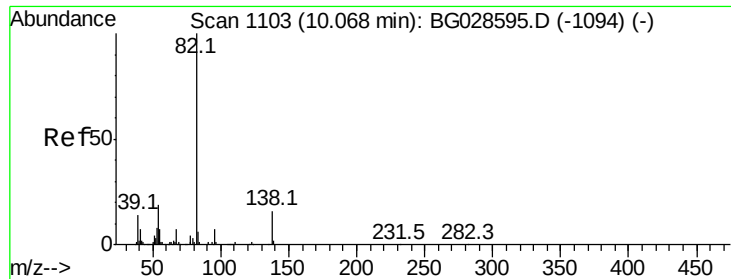
Tot Ion	82	Resp	268621
Ion Ratio	100	Lower	Upper
128	36.5	26.4	39.6
54	56.5	49.4	74.2



#24
 Nitrobenzene
 Concen: 0.287 ng
 RT: 9.51 min Scan# 1008
 Delta R.T. -0.04 min
 Lab File: BG028619.D
 Acq: 9 Sep 2017 17:39

Tgt Ion	77	Resp	741
Ion Ratio	100	Lower	Upper
123	0.0	26.1	39.1#
65	38.6	12.4	18.6#





#25

Isophorone

Concen: 0.013 ng

RT: 10.10 min Scan# 1108

Delta R.T. 0.03 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

Instrument :

BNA_G

ClientSampleId :

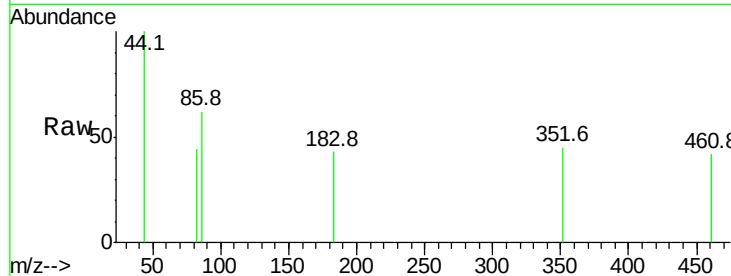
Tot Ion: 82 Resp: 57

Ion Ratio Lower Upper

82 100

95 0.0 7.5 11.3#

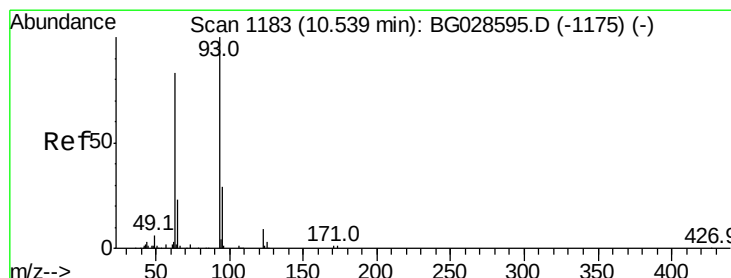
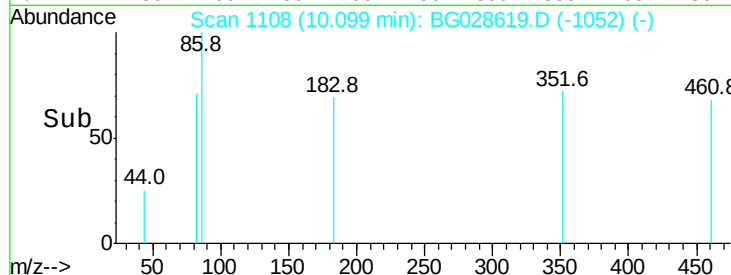
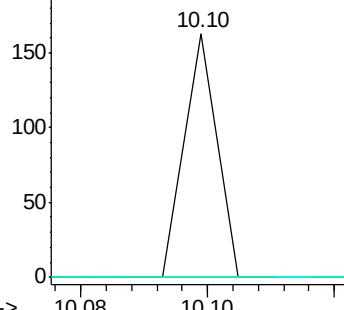
138 0.0 12.3 18.5#



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#28

bis(2-Chloroethoxy)methane

Concen: 0.023 ng

RT: 10.28 min Scan# 1138

Delta R.T. -0.26 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

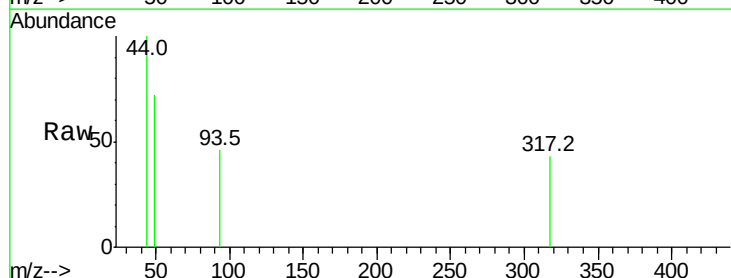
Tgt Ion: 93 Resp: 62

Ion Ratio Lower Upper

93 100

95 0.0 25.7 38.5#

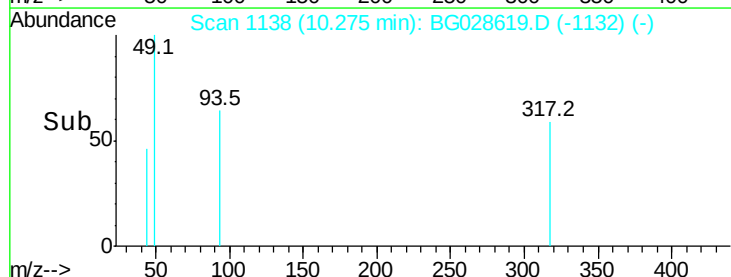
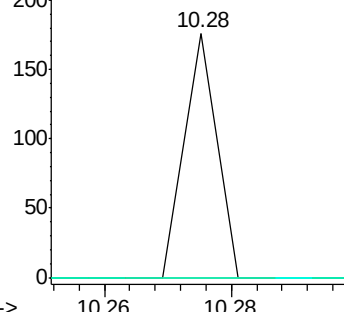
123 0.0 8.3 12.5#

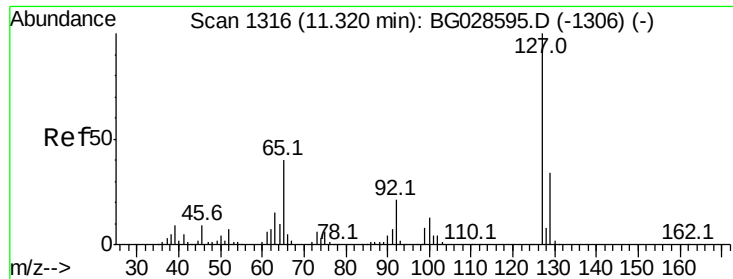


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

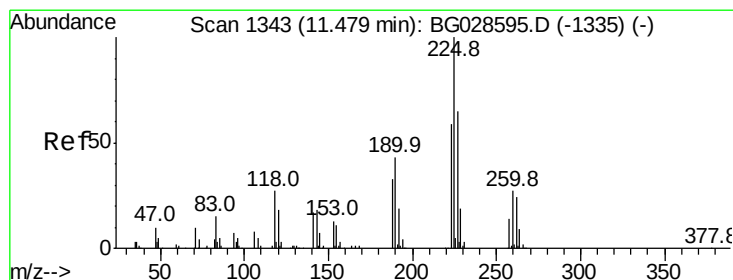
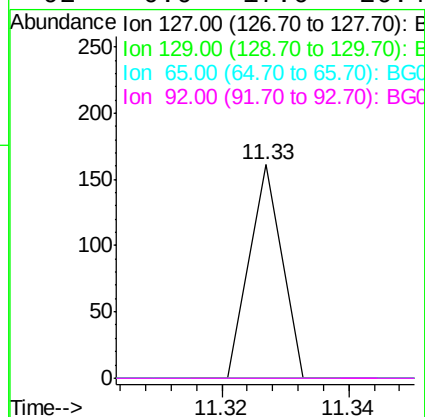
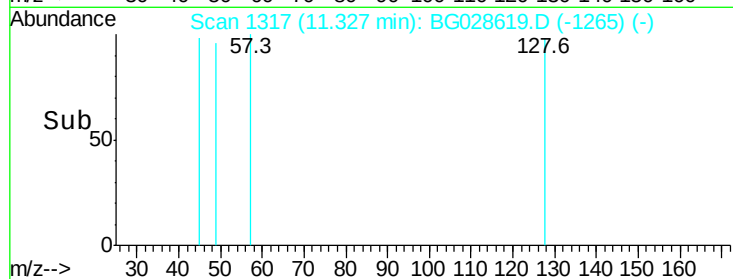
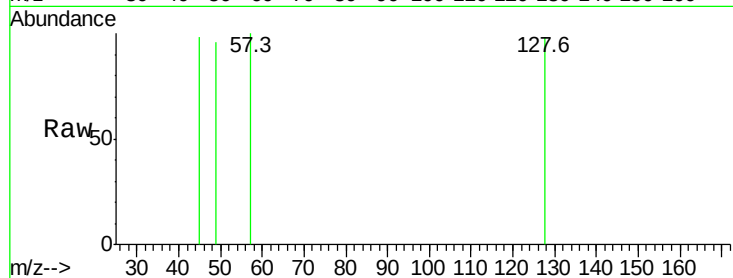




#33
4-Chloroaniline
Concen: 0.022 ng
RT: 11.33 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

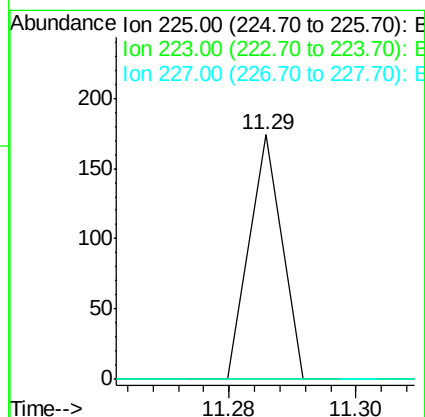
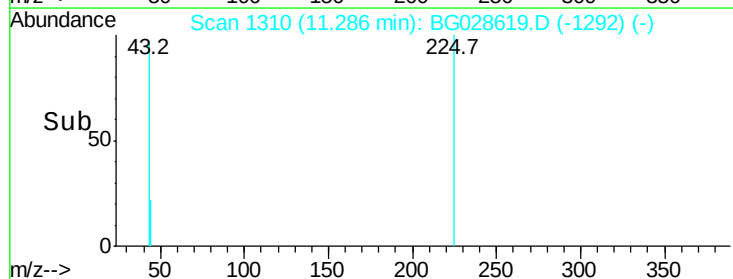
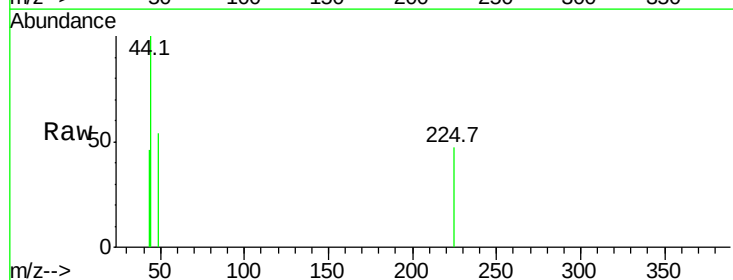
Instrument :
BNA_G
ClientSampleId :

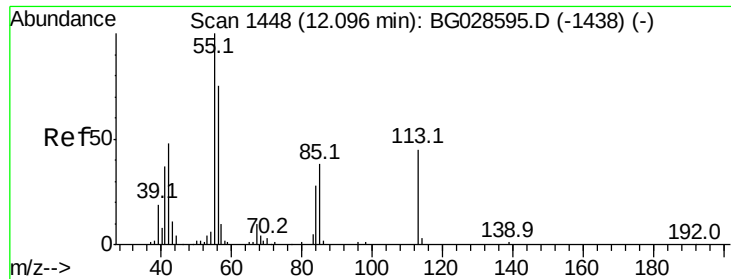
Tot Ion:	127	Resp:	57
Ion	Ratio	Lower	Upper
127	100		
129	0.0	23.6	35.4#
65	0.0	37.7	56.5#
92	0.0	17.6	26.4#



#34
Hexachlorobutadiene
Concen: 0.036 ng
RT: 11.29 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:	225	Resp:	61
Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.7	76.1#
227	0.0	49.0	73.6#





#35

Caprolactam

Concen: 0.075 ng

RT: 12.24 min Scan# 1472

Delta R.T. 0.14 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

Instrument :

BNA_G

ClientSampleId :

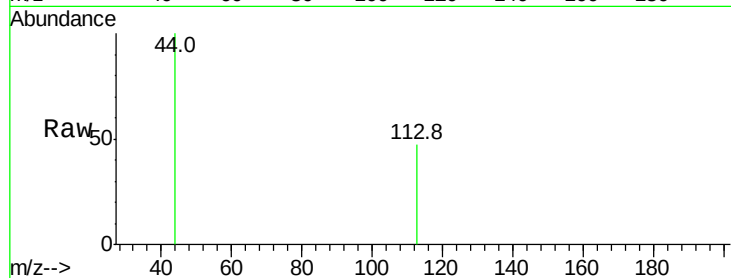
Tot Ion:113 Resp: 54

Ion Ratio Lower Upper

113 100

55 0.0 198.6 238.6#

56 0.0 140.4 180.4#

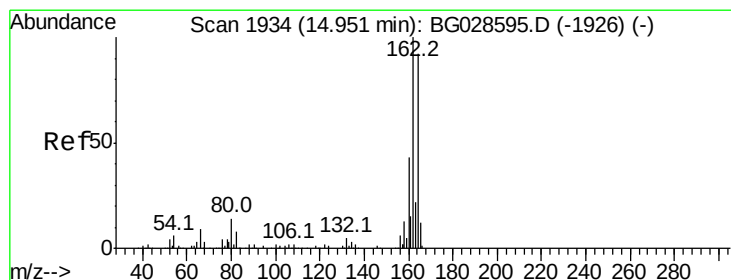
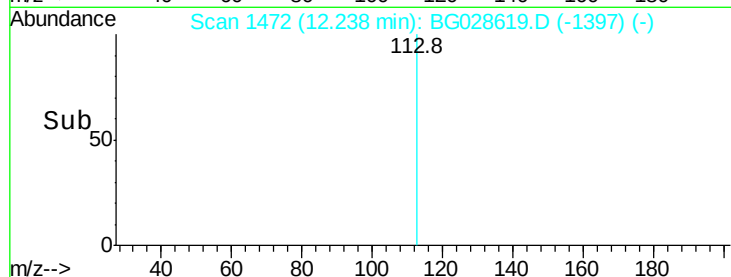
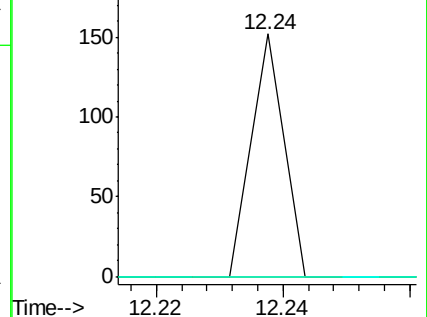


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

12.24



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.95 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

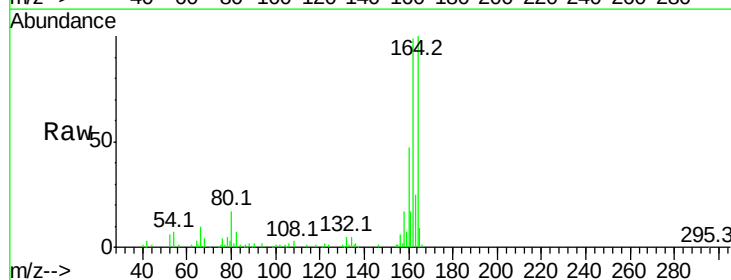
Tgt Ion:164 Resp: 82288

Ion Ratio Lower Upper

164 100

162 98.8 85.1 127.7

160 46.6 34.7 52.1

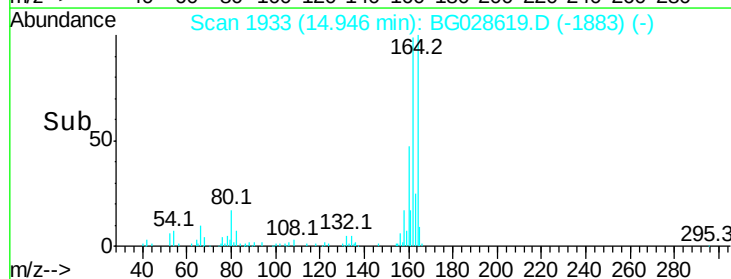
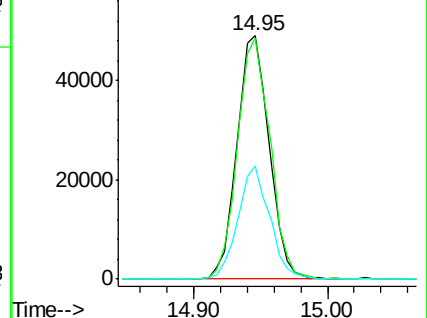


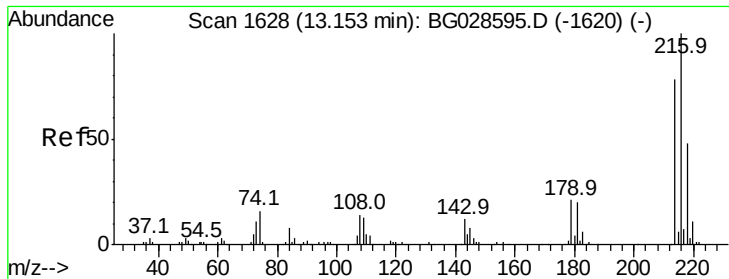
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.95

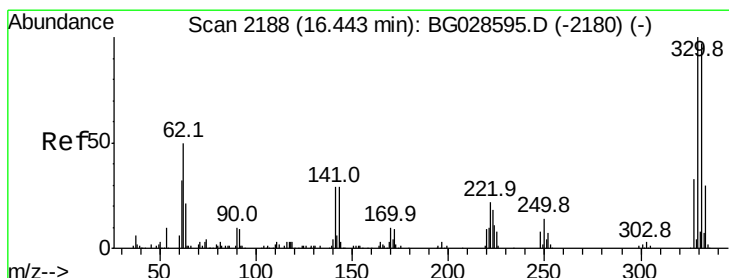
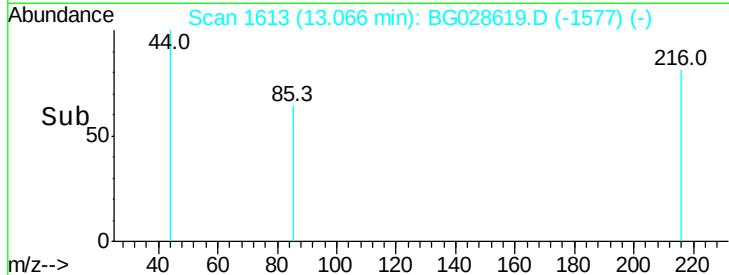
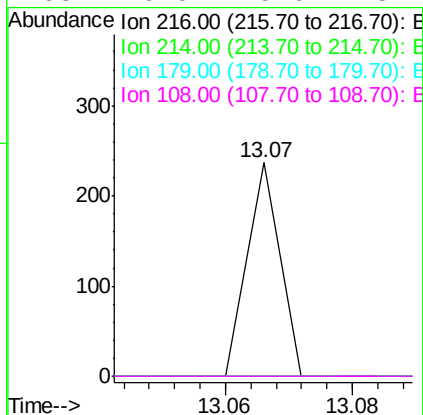
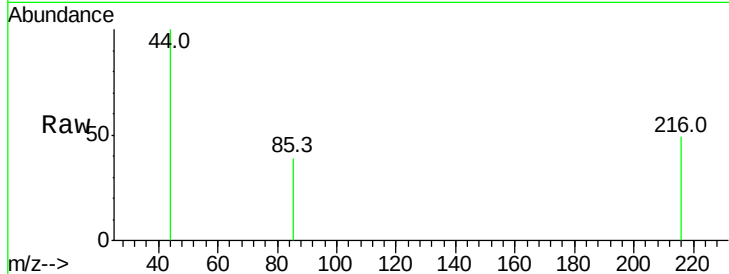




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.026 ng
 RT: 13.07 min Scan# 1613
 Delta R.T. -0.09 min
 Lab File: BG028619.D
 Acq: 9 Sep 2017 17:39

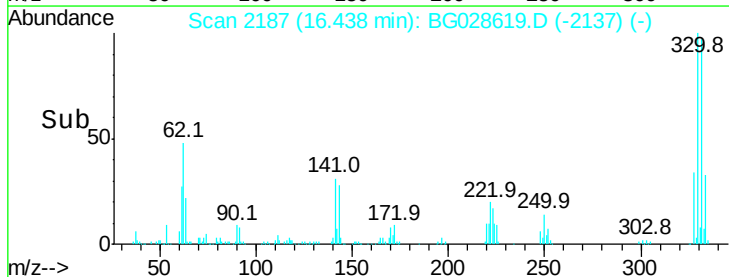
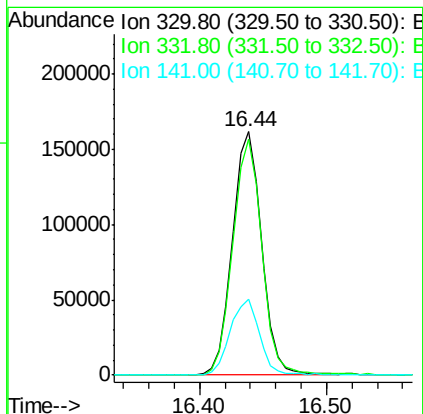
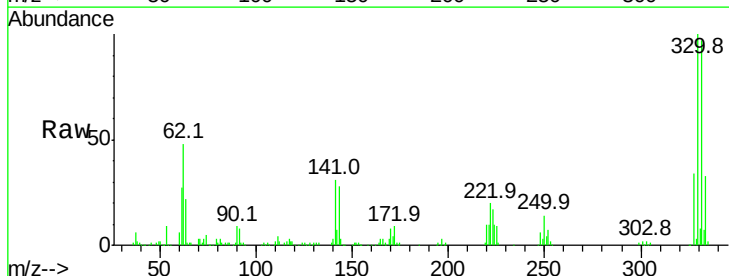
Instrument :
 BNA_G
 ClientSampleId :

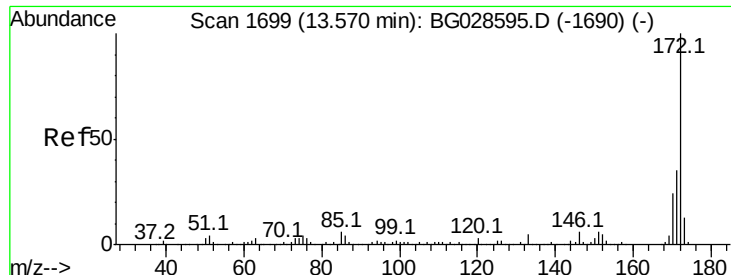
Tot Ion	Ratio	Lower	Upper
216	100		
214	0.0	64.4	96.6#
179	0.0	17.4	26.0#
108	0.0	15.6	23.4#



#41
 2,4,6-Tribromophenol
 Concen: 205.516 ng
 RT: 16.44 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG028619.D
 Acq: 9 Sep 2017 17:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	31.3	32.1	48.1#

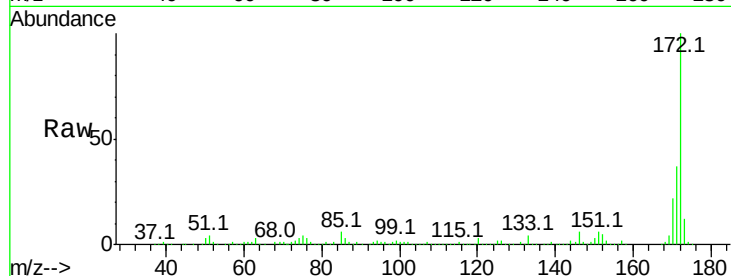




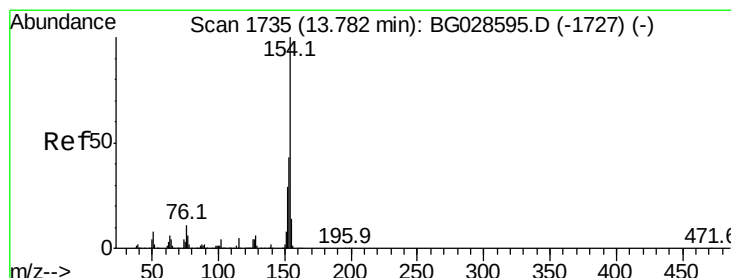
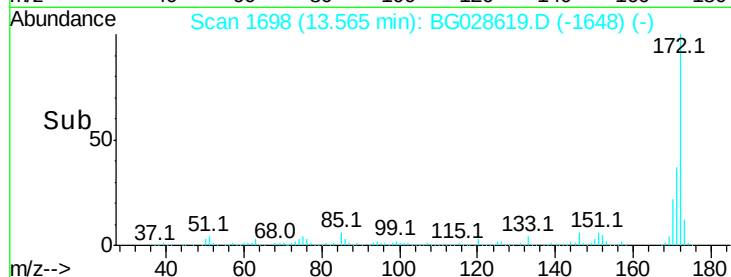
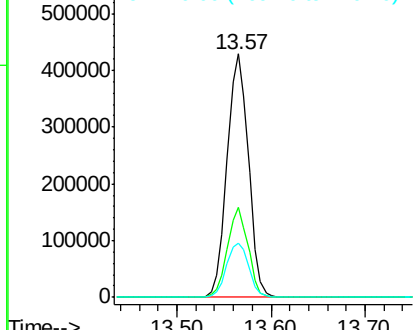
#44
2-Fluorobiphenyl
Concen: 107.616 ng
RT: 13.57 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 676912
Ion Ratio Lower Upper
172 100
171 37.0 32.2 48.2
170 22.3 21.8 32.6

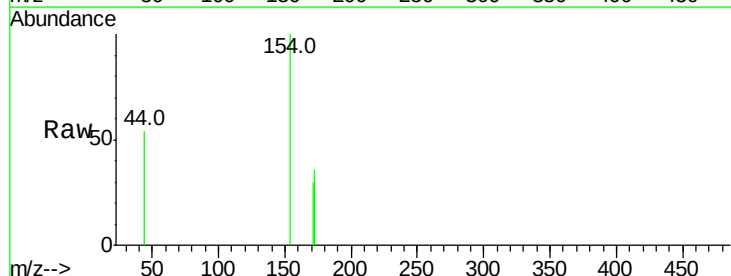


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

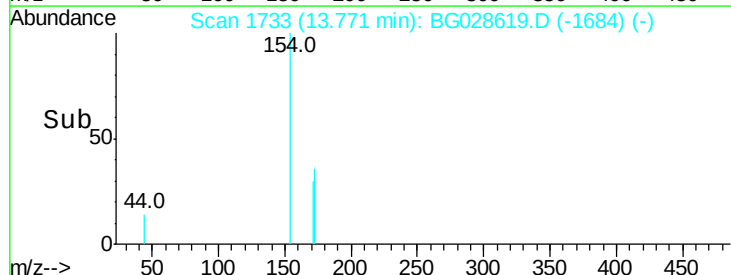
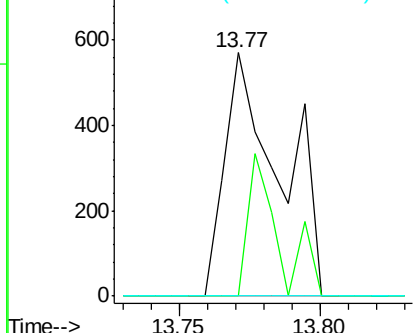


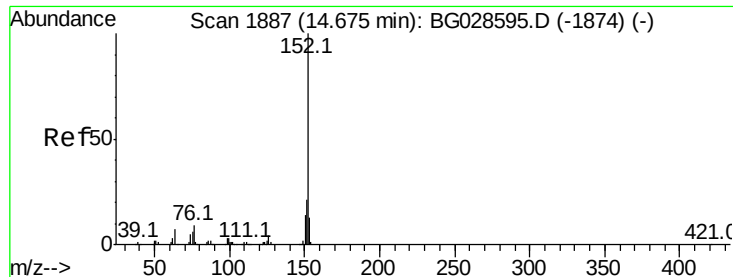
#45
1,1'-Biphenyl
Concen: 0.112 ng
RT: 13.77 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:154 Resp: 774
Ion Ratio Lower Upper
154 100
153 0.0 23.0 63.0#
76 0.0 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





#48

Acenaphthylene

Concen: 0.007 ng

RT: 14.48 min Scan# 1853

Delta R.T. -0.20 min

Lab File: BG028619.D

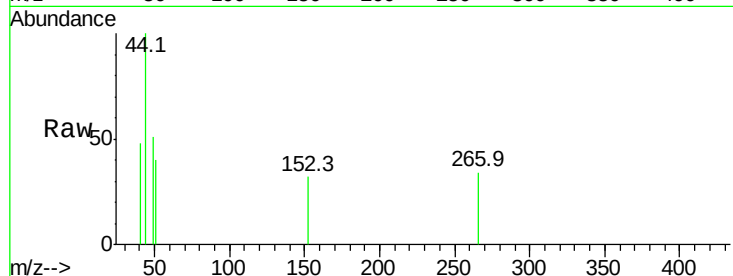
Acq: 9 Sep 2017 17:39

Instrument :

BNA_G

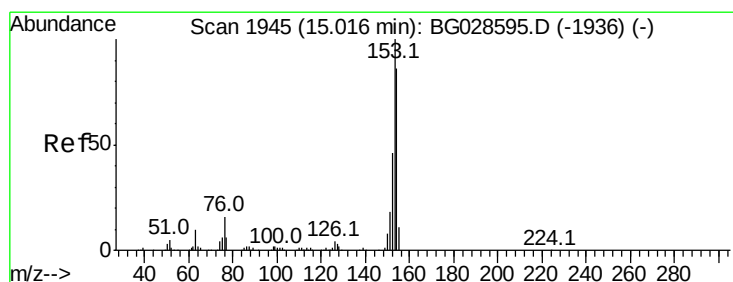
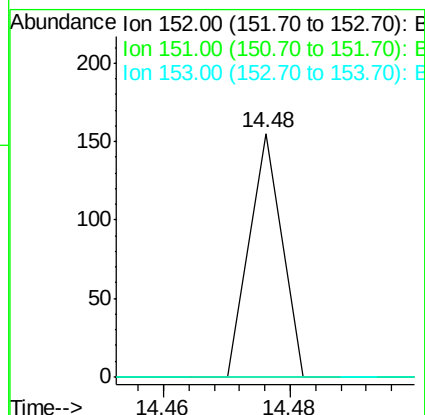
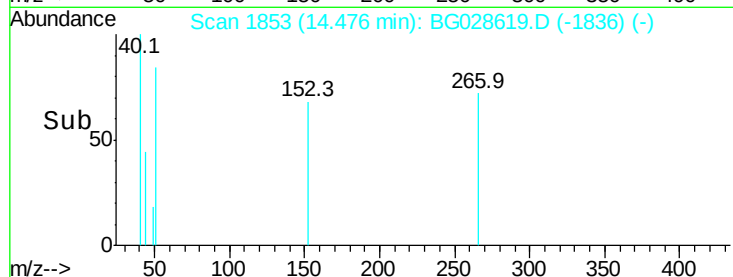
ClientSampleId :

Tot Ion:	152	Resp:	55
Ion	Ratio	Lower	Upper
152	100		
151	0.0	18.2	27.2#
153	0.0	11.3	16.9#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

14.48



#51

Acenaphthene

Concen: 0.033 ng

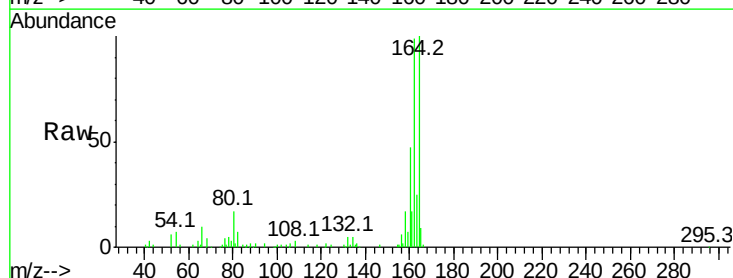
RT: 14.95 min Scan# 1933

Delta R.T. -0.07 min

Lab File: BG028619.D

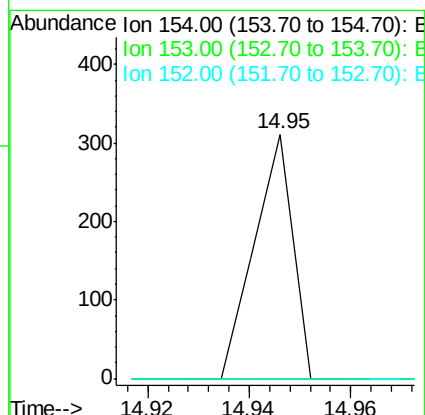
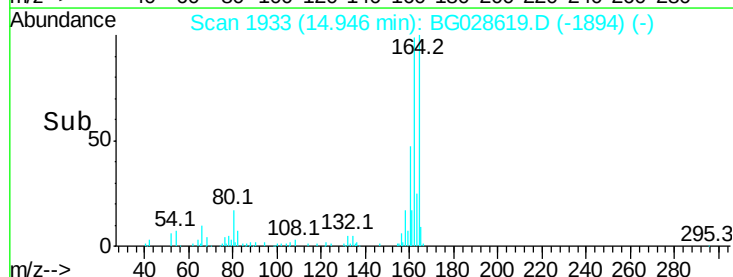
Acq: 9 Sep 2017 17:39

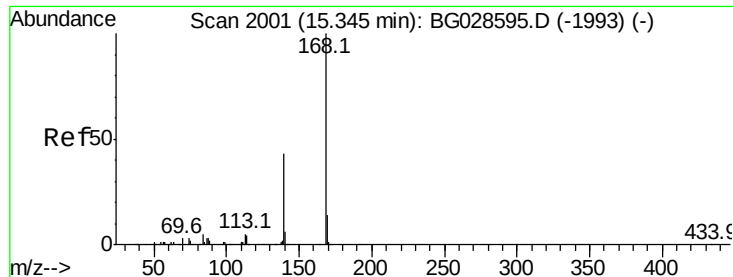
Tgt Ion:	154	Resp:	164
Ion	Ratio	Lower	Upper
154	100		
153	0.0	87.8	131.6#
152	0.0	42.2	63.4#



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

14.95





#54

Dibenzofuran

Concen: 0.008 ng

RT: 15.29 min Scan# 1992

Delta R.T. -0.05 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

Instrument :

BNA_G

ClientSampleId :

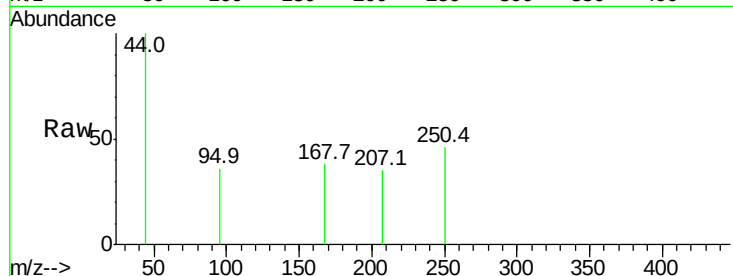
Tot Ion:168 Resp: 64

Ion Ratio Lower Upper

168 100

139 0.0 35.3 52.9#

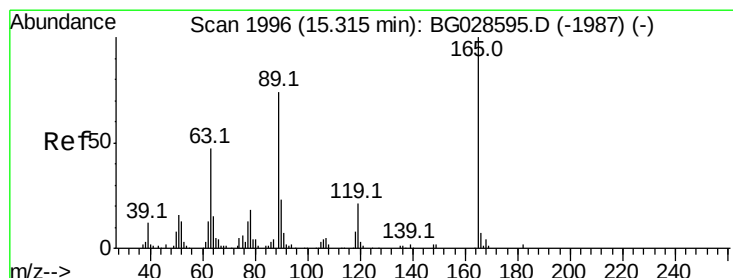
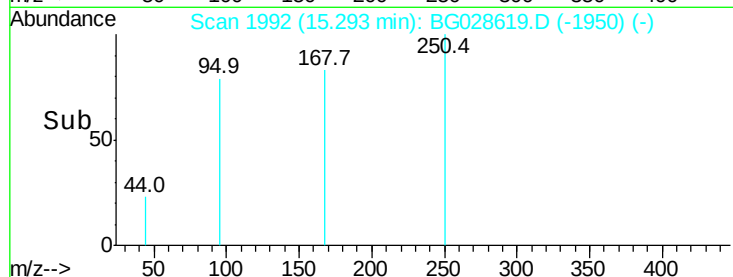
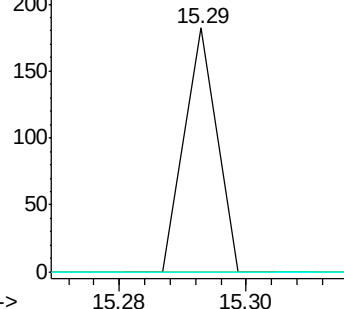
169 0.0 11.5 17.3#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

2,4-Dinitrotoluene

Concen: 0.026 ng

RT: 15.26 min Scan# 1986

Delta R.T. -0.06 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

Tgt Ion:165 Resp: 55

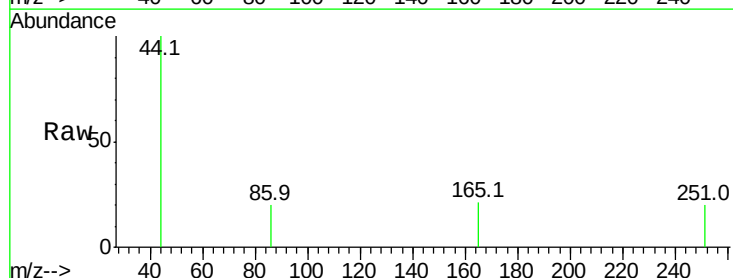
Ion Ratio Lower Upper

165 100

63 0.0 44.0 66.0#

89 0.0 67.3 100.9#

182 0.0 3.8 5.6#

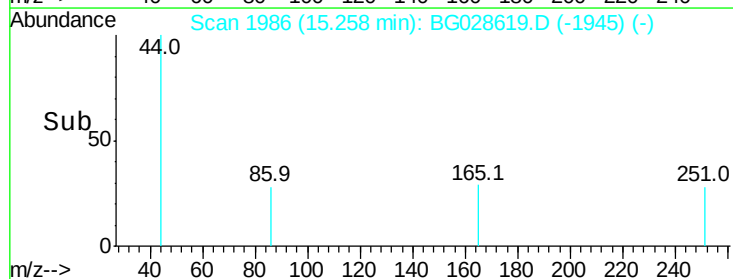
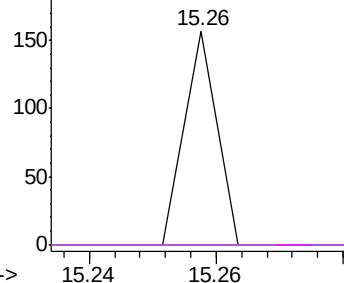


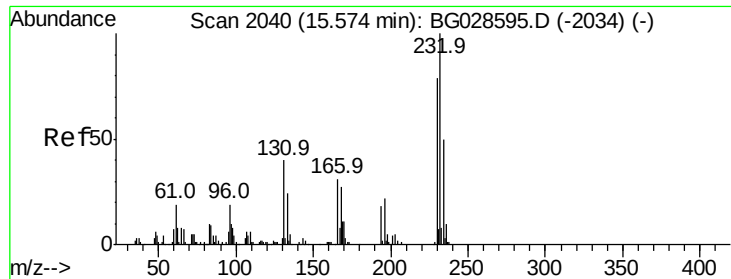
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

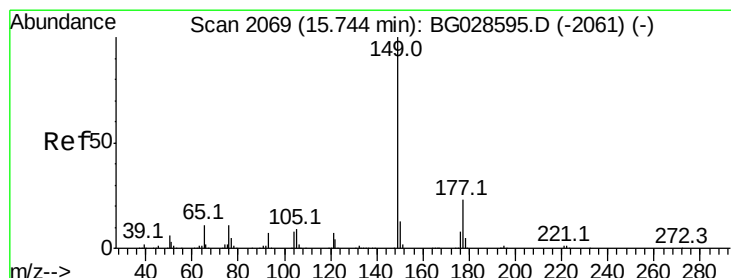
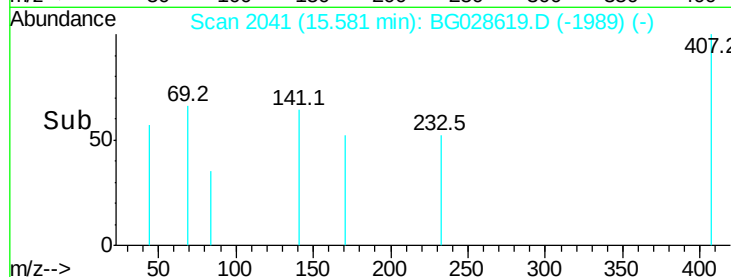
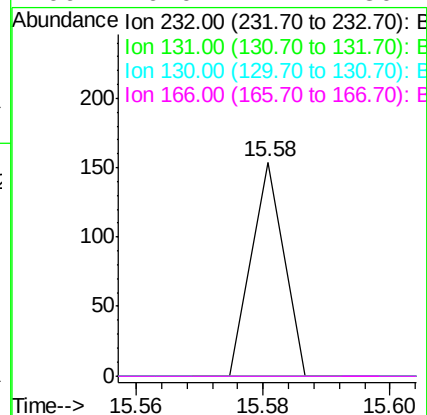
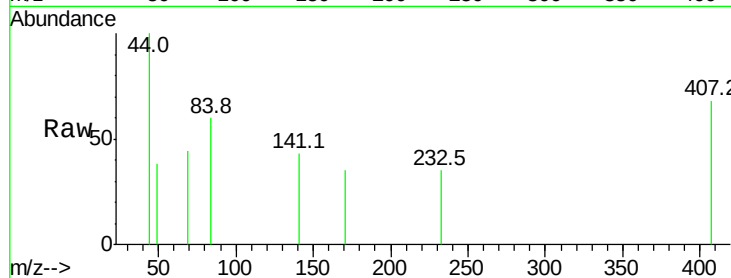




#58
2,3,4,6-Tetrachlorophenol
Concen: 0.030 ng
RT: 15.58 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

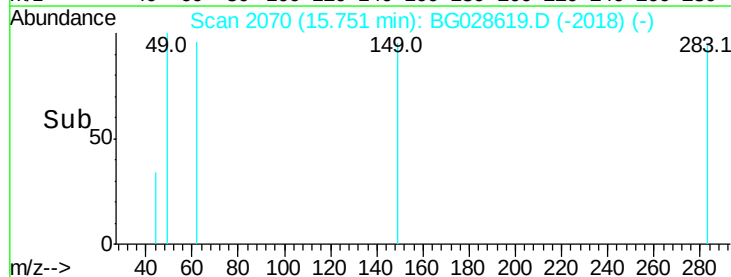
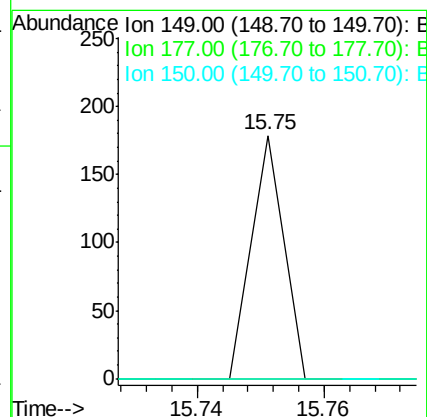
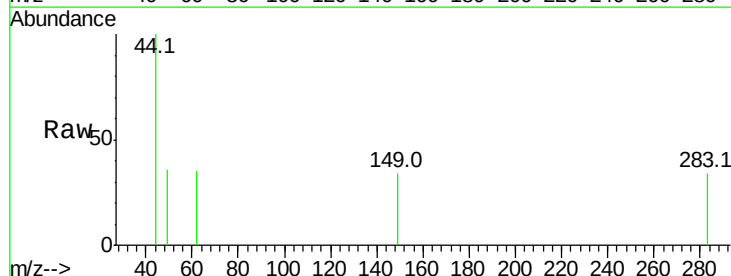
Instrument :
BNA_G
ClientSampled :

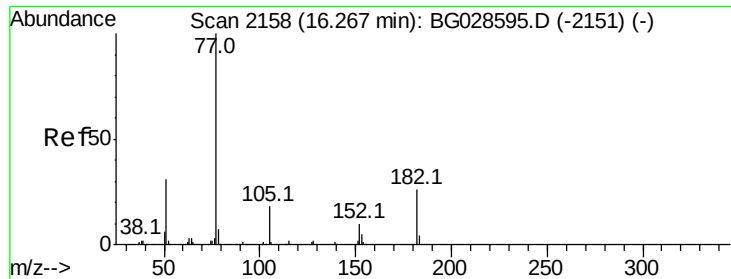
Tot Ion:232 Resp: 54
Ion Ratio Lower Upper
232 100
131 0.0 34.9 52.3#
130 0.0 2.3 3.5#
166 0.0 24.2 36.4#



#59
Diethylphthalate
Concen: 0.009 ng
RT: 15.75 min Scan# 2070
Delta R.T. 0.01 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:149 Resp: 63
Ion Ratio Lower Upper
149 100
177 0.0 20.1 30.1#
150 0.0 10.2 15.2#





#62

Azobenzene

Concen: 0.182 ng

RT: 16.43 min Scan# 2186

Delta R.T. 0.17 min

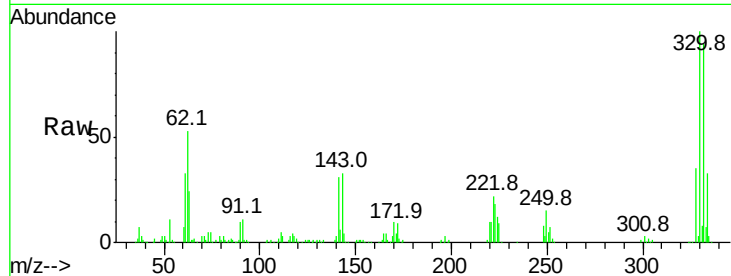
Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

Instrument :

BNA_G

ClientSampleId :



Tot Ion: 77 Resp: 1154

Ion Ratio Lower Upper

77 100

182 0.0 4.7 44.7#

105 51.4 0.0 36.3#

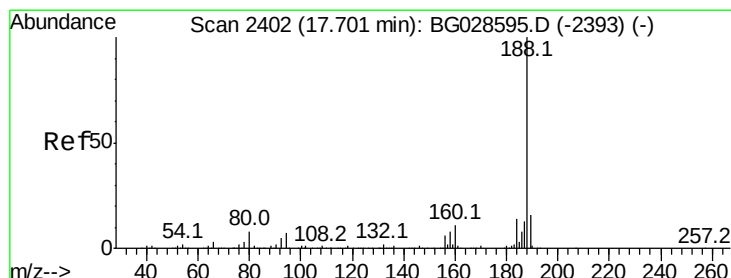
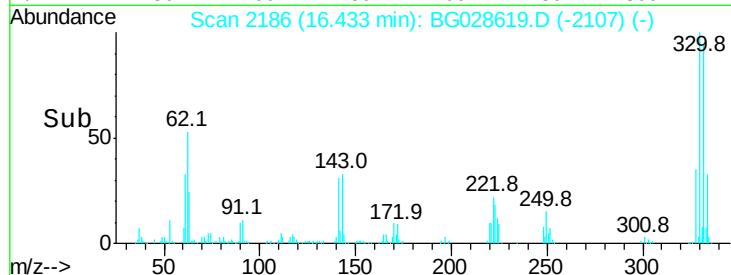
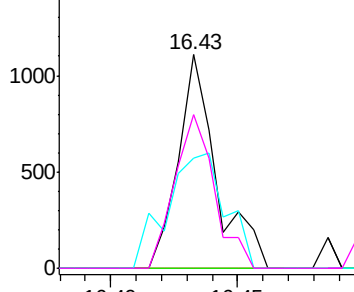
51 71.9 16.4 56.4#

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: BG028619.D

Acq: 9 Sep 2017 17:39

Tgt Ion: 188 Resp: 235091

Ion Ratio Lower Upper

188 100

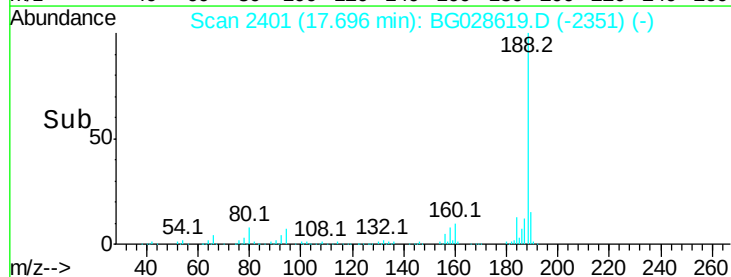
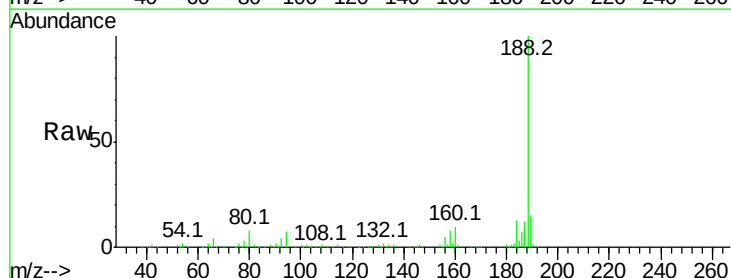
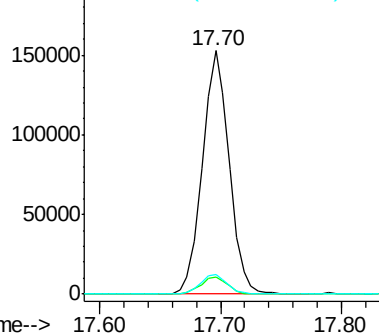
94 7.3 5.8 8.8

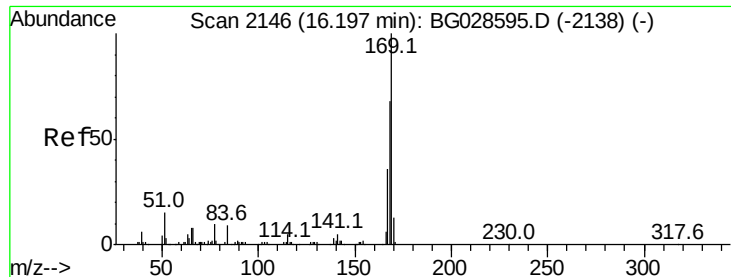
80 8.0 7.5 11.3

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: 1.159 ng

RT: 16.44 min Scan# 2187

Delta R.T. 0.24 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

Instrument :

BNA_G

ClientSampleId :

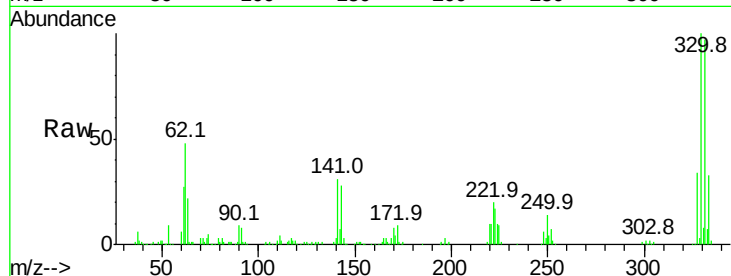
Tot Ion:169 Resp: 8044

Ion Ratio Lower Upper

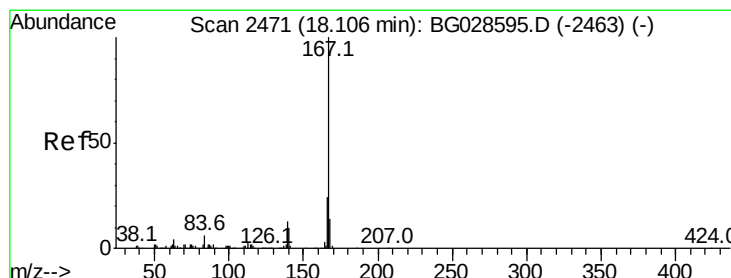
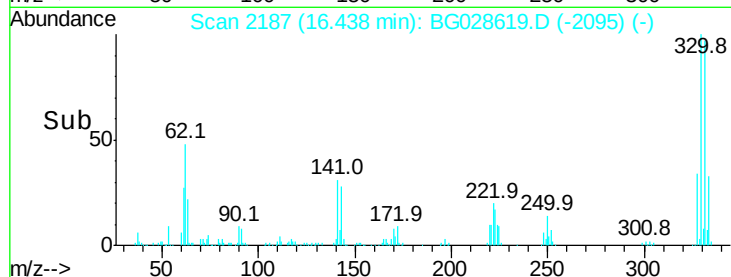
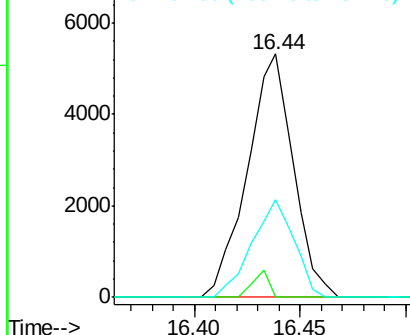
169 100

168 0.0 55.7 83.5#

167 40.3 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



#72

Carbazole

Concen: 0.006 ng

RT: 18.26 min Scan# 2497

Delta R.T. 0.15 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

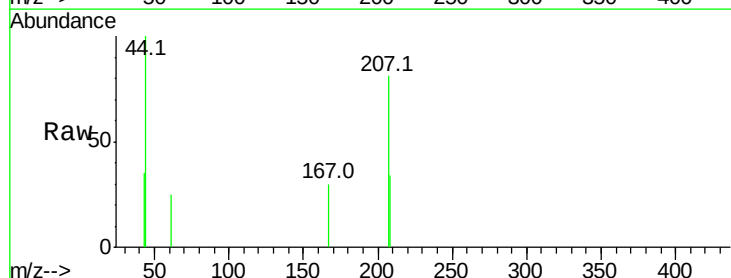
Tgt Ion:167 Resp: 68

Ion Ratio Lower Upper

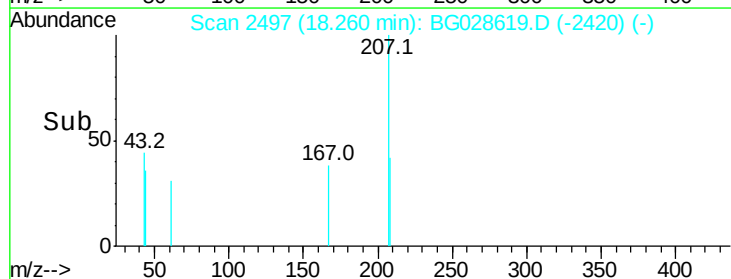
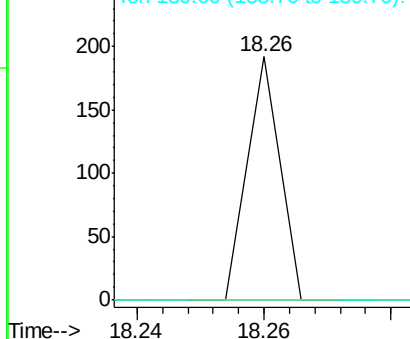
167 100

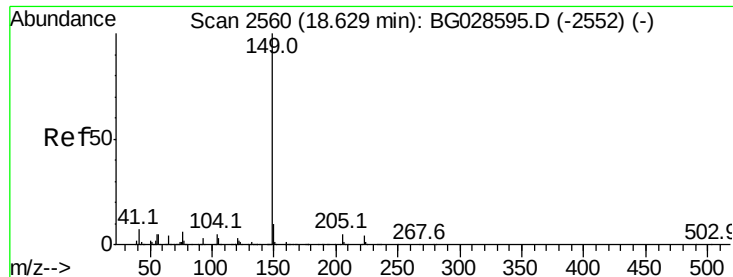
166 0.0 20.2 30.2#

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: 0.005 ng

RT: 18.62 min Scan# 2559

Delta R.T. -0.00 min

Lab File: BG028619.D

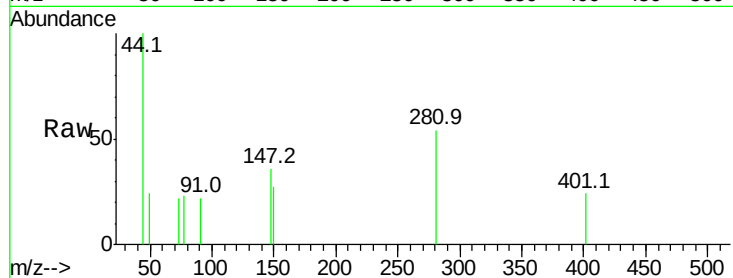
Acq: 9 Sep 2017 17:39

Instrument :

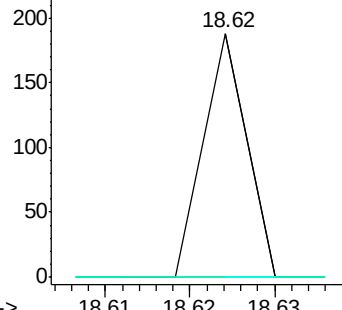
BNA_G

ClientSampleId :

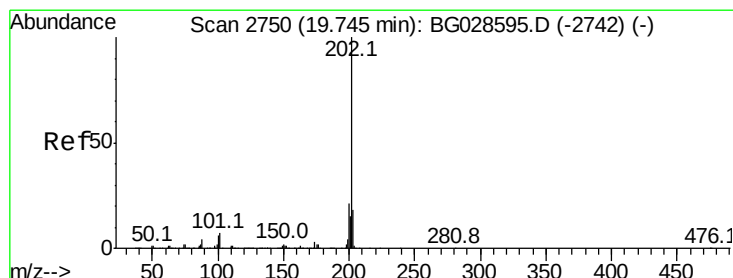
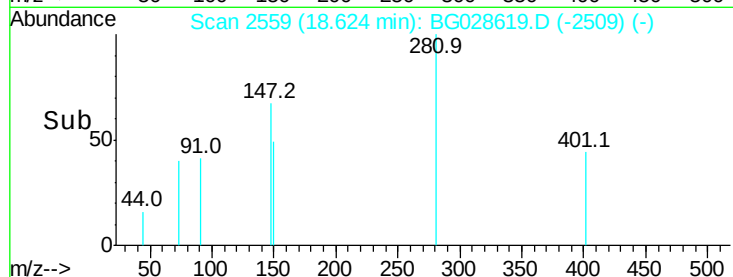
Tot Ion:	149	Resp:	66
Ion	Ratio	Lower	Upper
149	100		
150	0.0	9.1	13.7#
104	0.0	6.7	10.1#



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



Time-->



#74

Fluoranthene

Concen: 0.004 ng

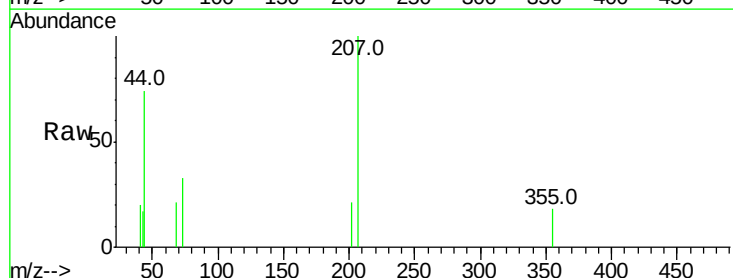
RT: 19.72 min Scan# 2746

Delta R.T. -0.02 min

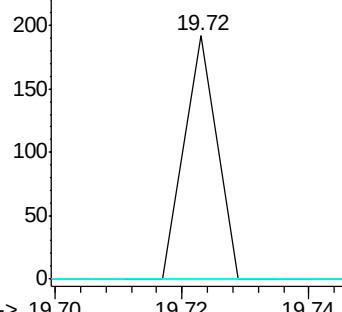
Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

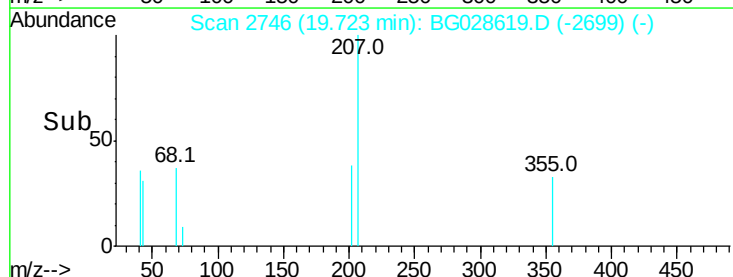
Tgt Ion:	202	Resp:	68
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.1
203	0.0	1.3	41.3#

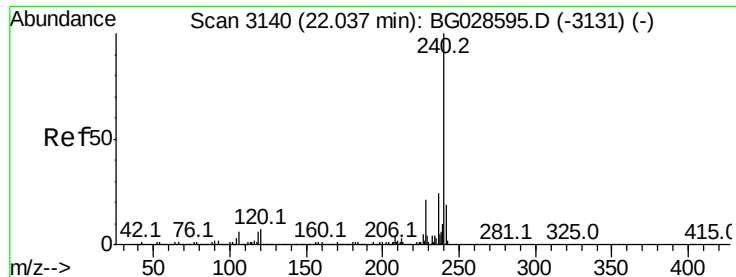


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

Instrument :

BNA_G

ClientSampleId :

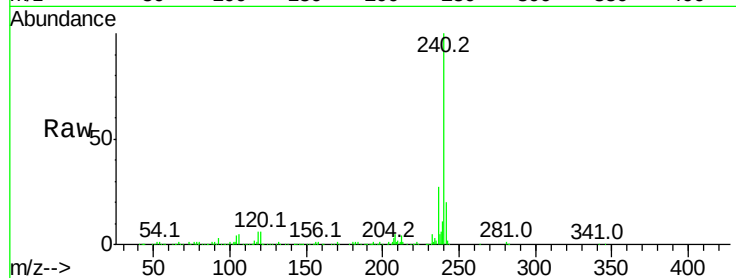
Tot Ion:240 Resp: 289998

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

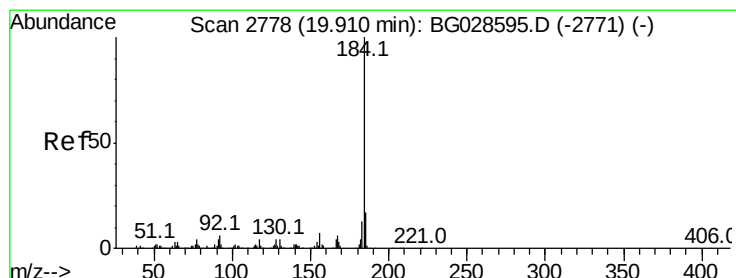
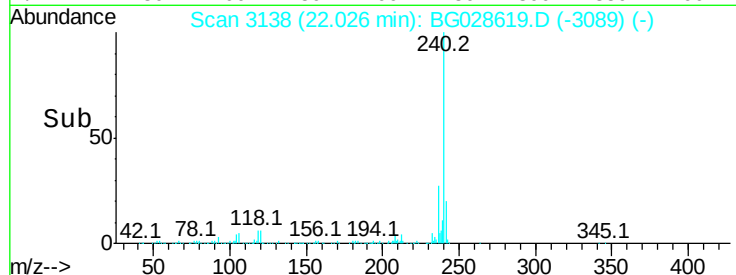
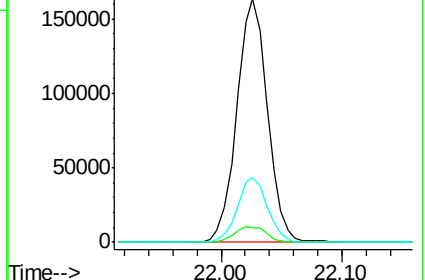
236 26.6 22.2 33.4



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: 1.406 ng

RT: 19.91 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

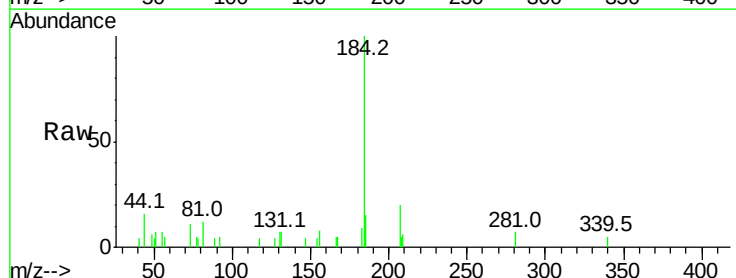
Tgt Ion:184 Resp: 8286

Ion Ratio Lower Upper

184 100

185 15.5 13.0 19.6

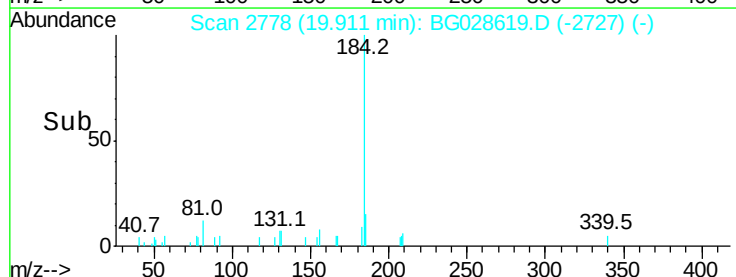
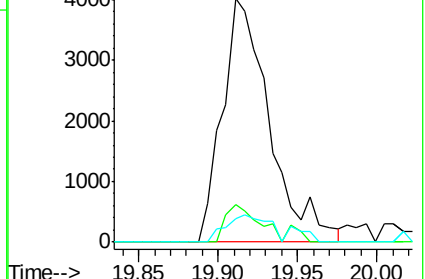
183 9.4 11.0 16.6#

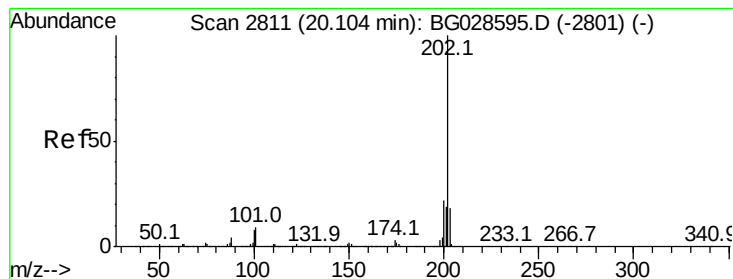


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.290 ng

RT: 20.28 min Scan# 2840

Delta R.T. 0.17 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

Instrument :

BNA_G

ClientSampleId :

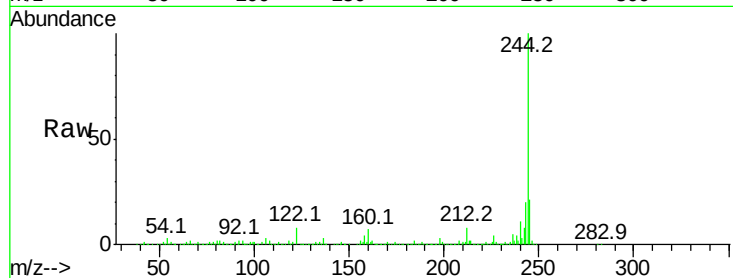
Tot Ion:202 Resp: 4996

Ion Ratio Lower Upper

202 100

200 47.8 19.6 29.4#

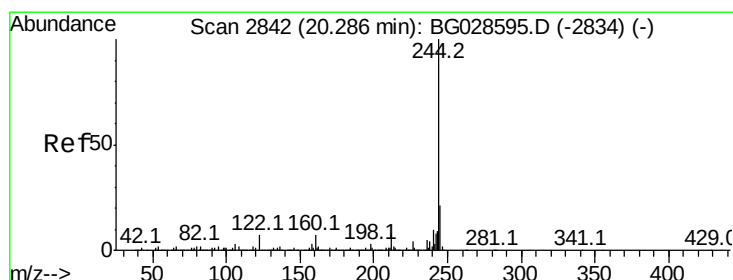
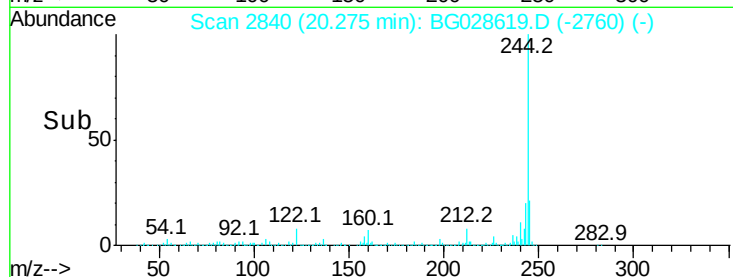
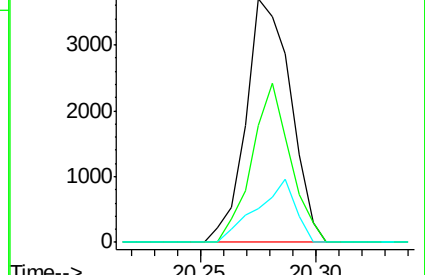
203 13.9 15.8 23.8#



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: 108.549 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

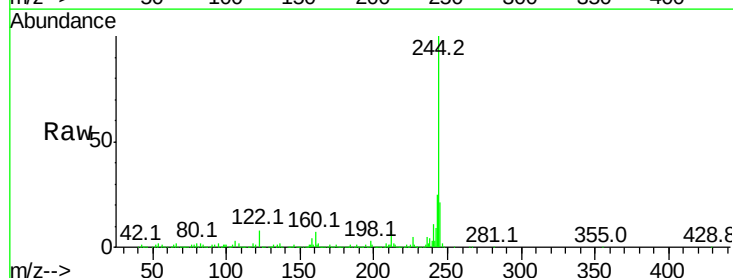
Tgt Ion:244 Resp: 1461075

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

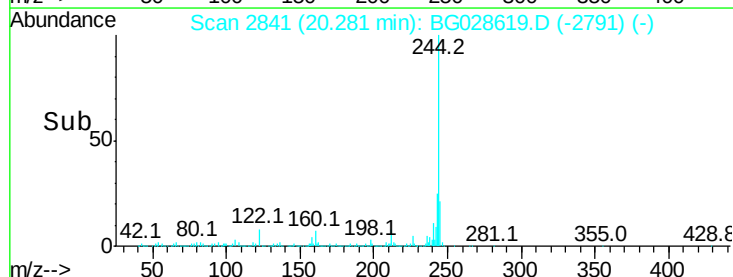
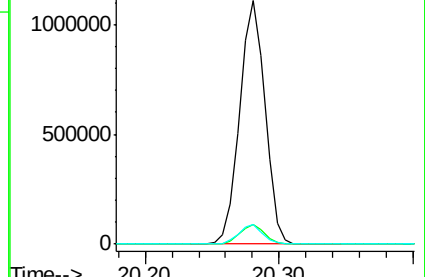
122 8.0 8.6 12.8#

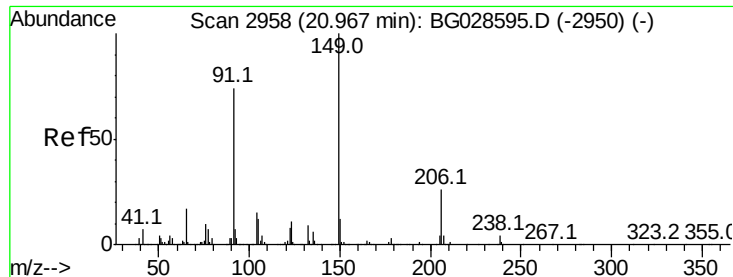


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.010 ng

RT: 20.96 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

Instrument :

BNA_G

ClientSampleId :

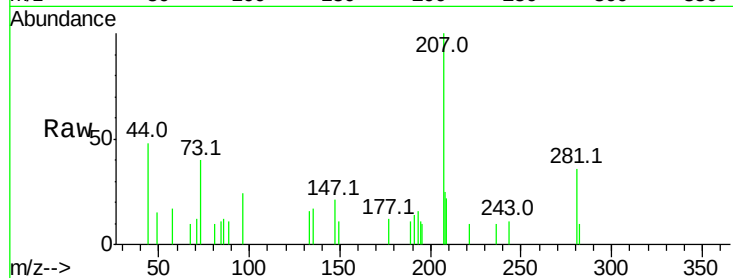
Tot Ion:149 Resp: 65

Ion Ratio Lower Upper

149 100

91 0.0 63.5 95.3#

206 0.0 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

250

200

150

100

50

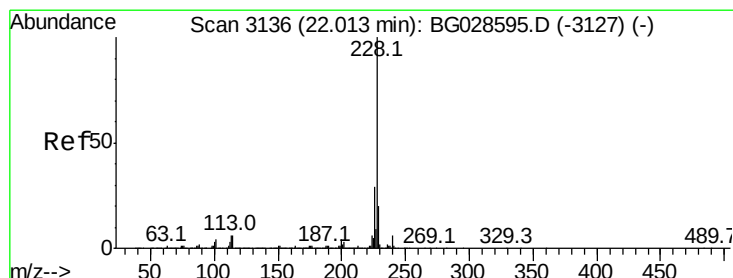
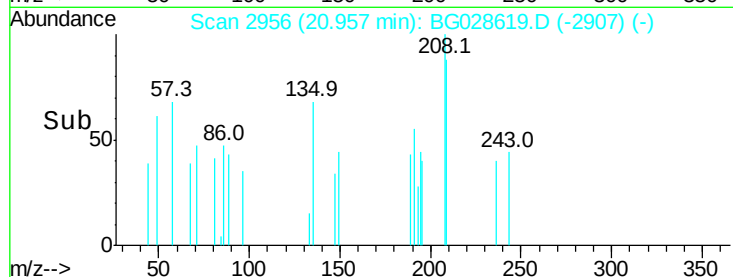
0

20.95

20.96

20.97

Time-->



#80

Benzo(a)anthracene

Concen: 0.023 ng

RT: 22.01 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

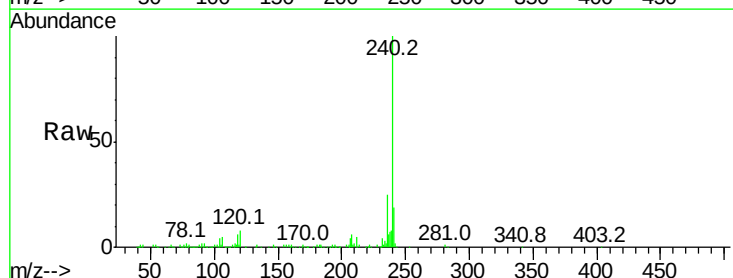
Tgt Ion:228 Resp: 393

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

229 0.0 18.2 27.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

800

600

400

200

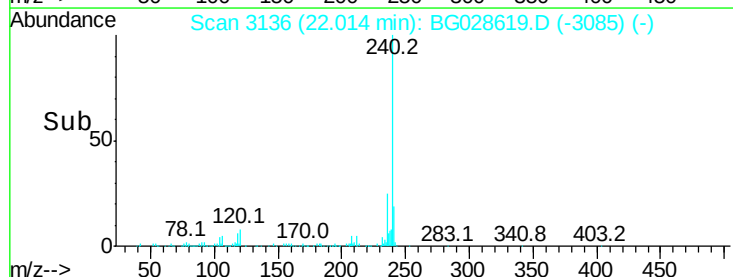
0

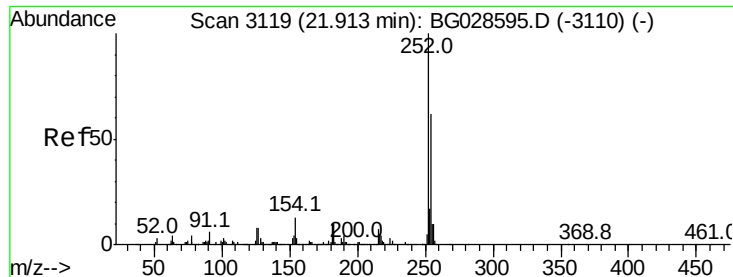
22.00

22.01

22.02

Time-->





#81

3,3'-Dichlorobenzidine

Concen: 0.010 ng

RT: 21.90 min Scan# 3116

Delta R.T. -0.02 min

Lab File: BG028619.D

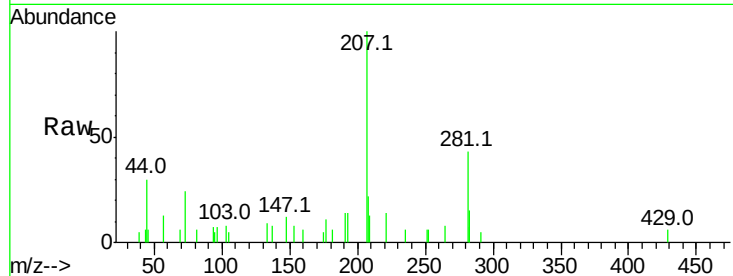
Acq: 9 Sep 2017 17:39

Instrument :

BNA_G

ClientSampled :

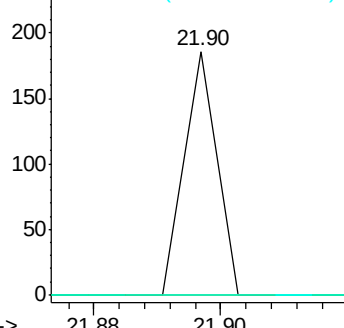
Tot Ion:	252	Resp:	66
Ion Ratio	Lower	Upper	
252	100		
254	0.0	53.1	79.7#
126	0.0	7.0	10.4#



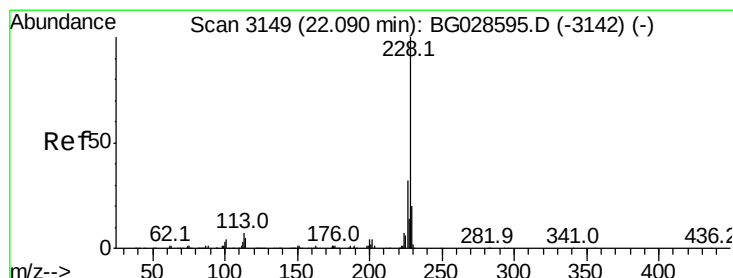
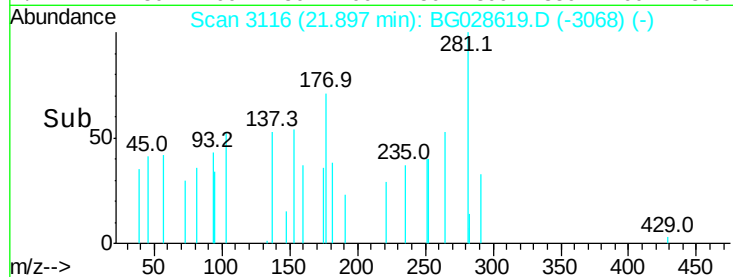
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#82

Chrysene

Concen: 0.024 ng

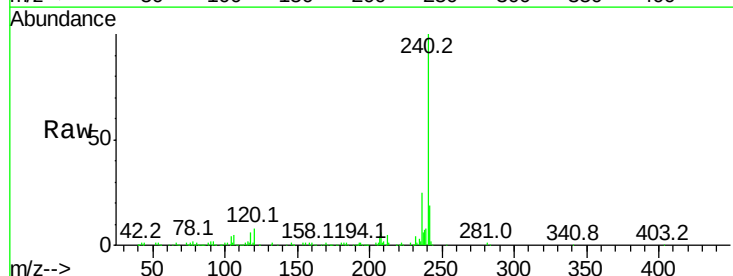
RT: 22.01 min Scan# 3136

Delta R.T. -0.08 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

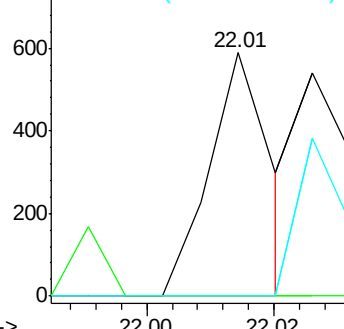
Tgt Ion:	228	Resp:	393
Ion Ratio	Lower	Upper	
228	100		
226	0.0	27.0	40.4#
229	0.0	17.8	26.6#



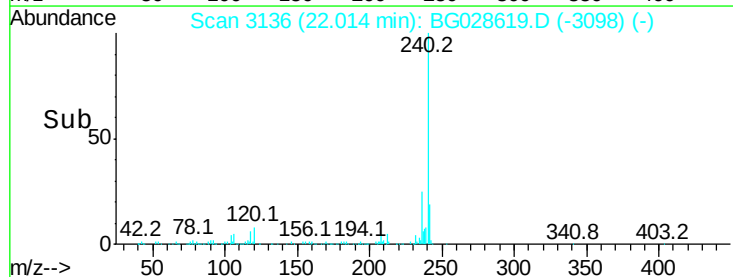
Abundance Ion 228.00 (227.70 to 228.70): E

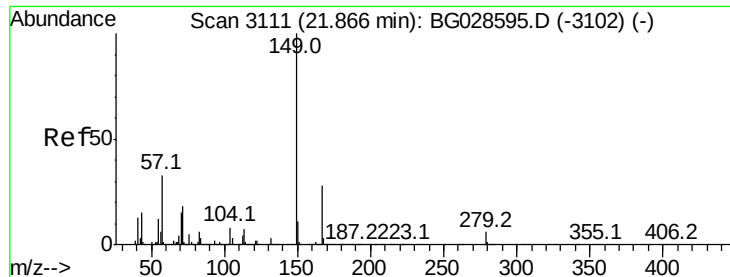
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.045 ng

RT: 21.86 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

Instrument :

BNA_G

ClientSampled :

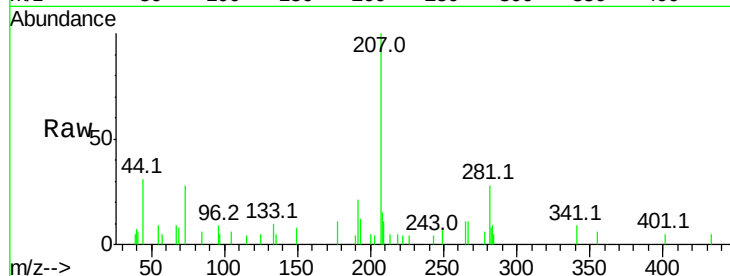
Tot Ion:149 Resp: 427

Ion Ratio Lower Upper

149 100

167 0.0 23.7 35.5#

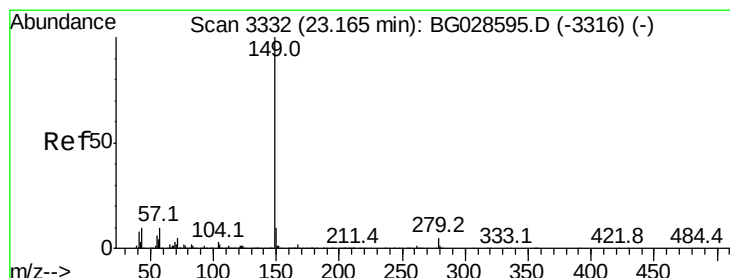
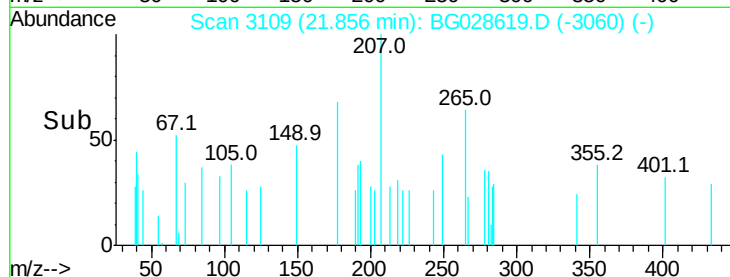
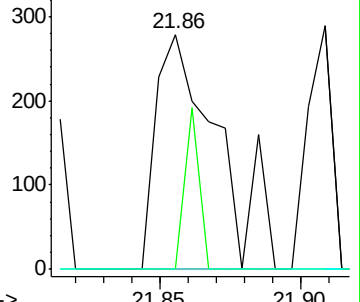
279 0.0 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 0.007 ng

RT: 23.16 min Scan# 3331

Delta R.T. -0.00 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

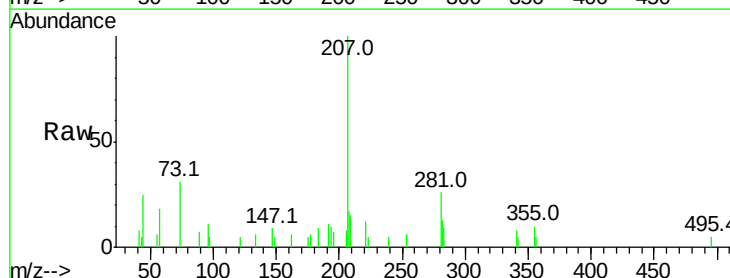
Tgt Ion:149 Resp: 116

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.2#

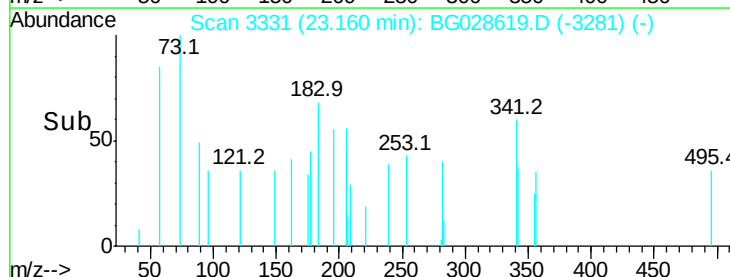
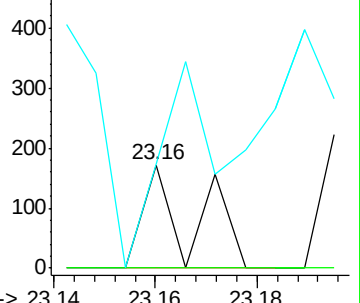
43 204.3 11.8 17.6#

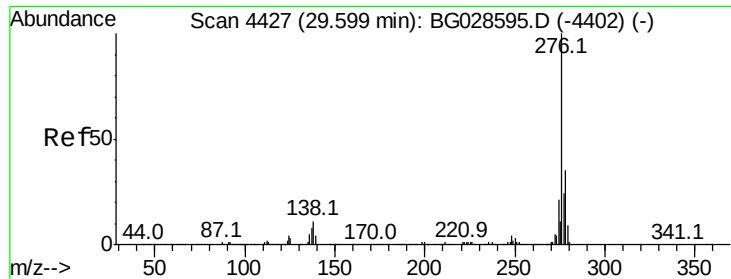


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

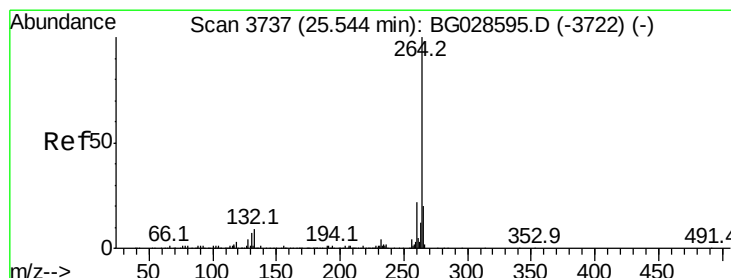
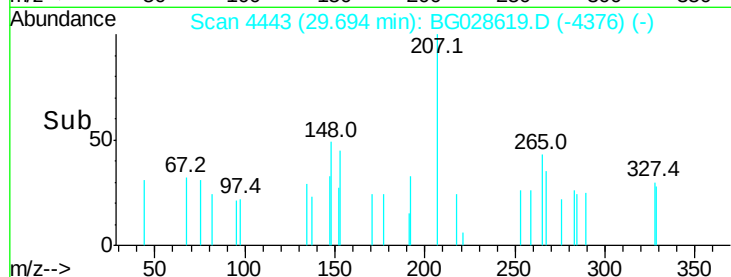
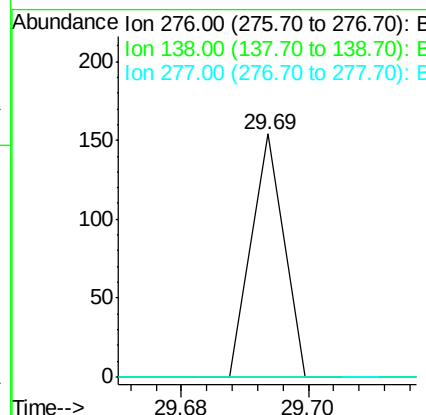
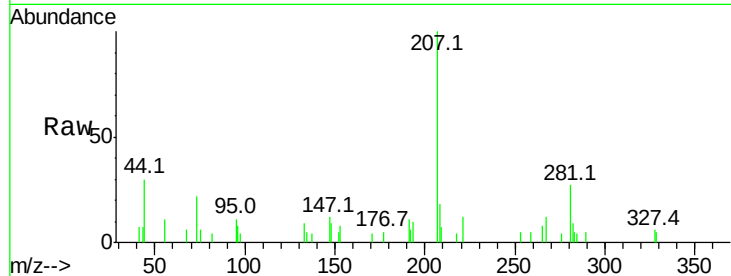




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.003 ng
 RT: 29.69 min Scan# 4443
 Delta R.T. 0.10 min
 Lab File: BG028619.D
 Acq: 9 Sep 2017 17:39

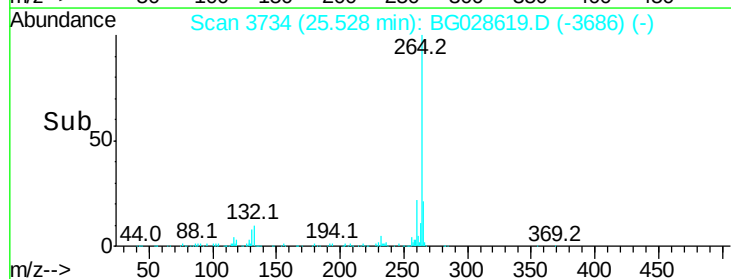
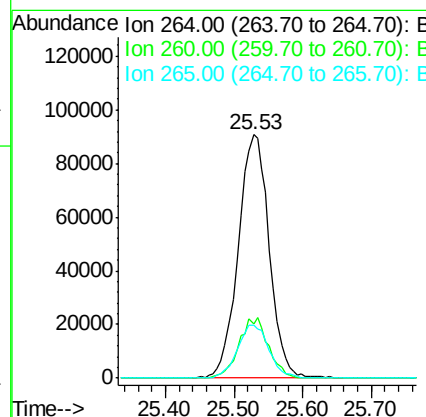
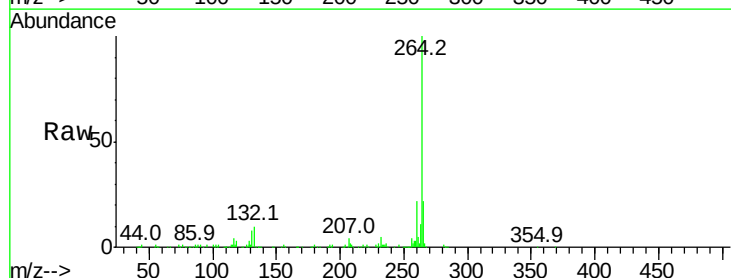
Instrument :
 BNA_G
 ClientSampleId :

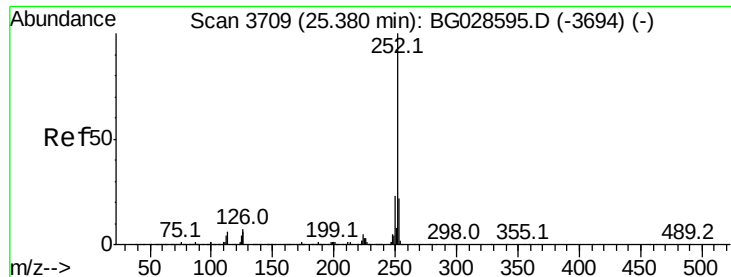
Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	4.7	7.1#
277	0.0	20.6	31.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.53 min Scan# 3734
 Delta R.T. -0.02 min
 Lab File: BG028619.D
 Acq: 9 Sep 2017 17:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	21.8	32.8
265	21.6	18.2	27.4





#89

Benzo(a)pyrene

Concen: 0.003 ng

RT: 25.39 min Scan# 3711

Delta R.T. 0.01 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

Instrument :

BNA_G

ClientSampleId :

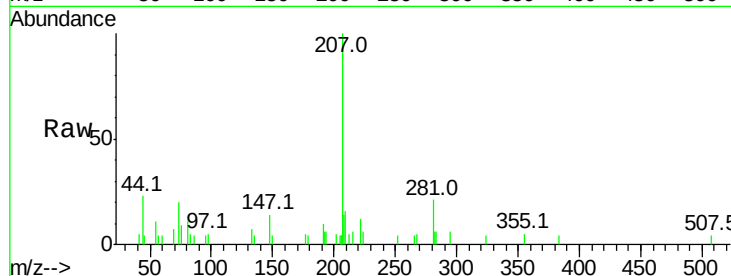
Tot Ion:252 Resp: 57

Ion Ratio Lower Upper

252 100

253 0.0 19.2 28.8#

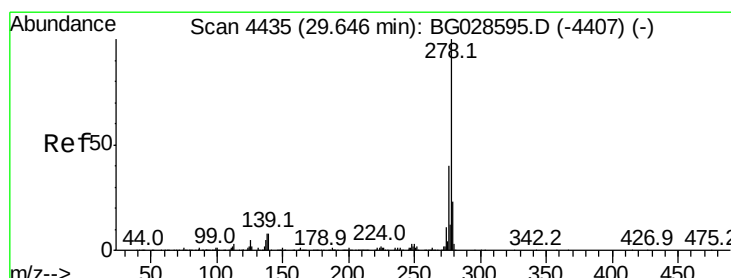
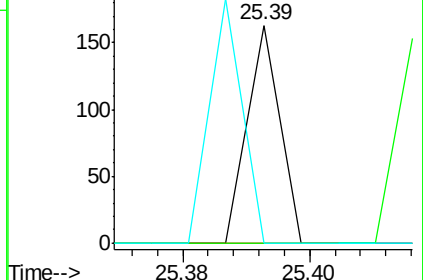
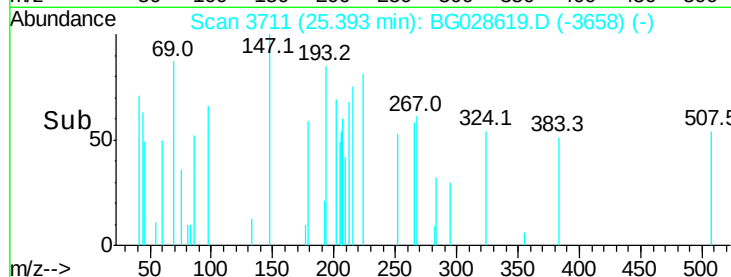
125 0.0 5.4 8.0#



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: 0.004 ng

RT: 29.67 min Scan# 4439

Delta R.T. 0.02 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

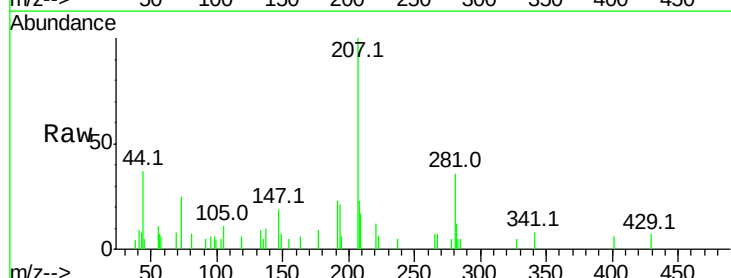
Tgt Ion:278 Resp: 64

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

