

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
 Data File : BG028687.D
 Acq On : 13 Sep 2017 2:25
 Operator : SJ/JU
 Sample : I5189-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 04:10:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	28276	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	118653	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	85621	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	250465	20.00	ng	0.00
75) Chrysene-d12	22.02	240	271049	20.00	ng	0.00
86) Perylene-d12	25.53	264	280644	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	126113	73.59	ng	0.00
7) Phenol-d6	7.48	99	103149	39.98	ng	0.00
23) Nitrobenzene-d5	9.50	82	251870	101.55	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	248314	175.35	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	660808	102.91	ng	0.00
78) Terphenyl-d14	20.28	244	1310576	103.11	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.85	88	64	0.092	ng	# 1
3) Pyridine	3.96	79	62	0.031	ng	# 4
4) n-Nitrosodimethylamine	4.15	42	72	0.080	ng	# 1
6) Aniline	7.71	93	73	0.024	ng	# 38
8) 2-Chlorophenol	7.91	128	60	0.031	ng	# 25
9) Benzaldehyde	7.49	77	283	0.177	ng	# 10
10) Phenol	7.51	94	98	0.036	ng	# 1
11) bis(2-Chloroethyl)ether	7.71	93	73	0.037	ng	# 11
14) 1,2-Dichlorobenzene	8.66	146	59	0.028	ng	# 1
15) Benzyl Alcohol	8.66	79	3998	1.985	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	8.68	45	57	0.016	ng	# 1
17) 2-Methylphenol	8.88	107	54	0.030	ng	# 9
19) n-Nitroso-di-n-propylamine	9.39	70	59	0.032	ng	# 29
20) 3+4-Methylphenols	9.03	107	55	0.022	ng	# 18
22) Acetophenone	9.26	105	65	0.019	ng	# 41
24) Nitrobenzene	9.50	77	903	0.329	ng	# 45
25) Isophorone	10.04	82	148	0.029	ng	# 67
28) bis(2-Chloroethoxy)methane	10.74	93	70	0.026	ng	# 50
30) 1,2,4-Trichlorobenzene	10.97	180	58	0.024	ng	# 12
39) 1,2,4,5-Tetrachlorobenzene	13.16	216	70	0.020	ng	# 25
45) 1,1'-Biphenyl	13.78	154	653	0.092	ng	# 57
47) 2-Nitroaniline	13.76	65	62	0.032	ng	# 16
49) Dimethylphthalate	14.40	163	1300	0.181	ng	# 74
50) 2,6-Dinitrotoluene	14.42	165	62	0.039	ng	# 11
51) Acenaphthene	15.02	154	60	0.012	ng	# 6
54) Dibenzofuran	15.44	168	55	0.007	ng	# 40
57) Fluorene	16.01	166	57	0.008	ng	# 9
59) Diethylphthalate	15.73	149	123	0.017	ng	# 56
60) 4-Chlorophenyl-phenylether	15.99	204	71	0.017	ng	# 26
62) Azobenzene	16.26	77	154	0.025	ng	# 47
65) n-Nitrosodiphenylamine	16.43	169	8117	1.131	ng	# 50
66) 4-Bromophenyl-phenylether	16.66	248	61	0.019	ng	# 8
67) Hexachlorobenzene	16.91	284	65	0.018	ng	# 38
70) Phenanthrene	17.84	178	53	0.004	ng	# 56

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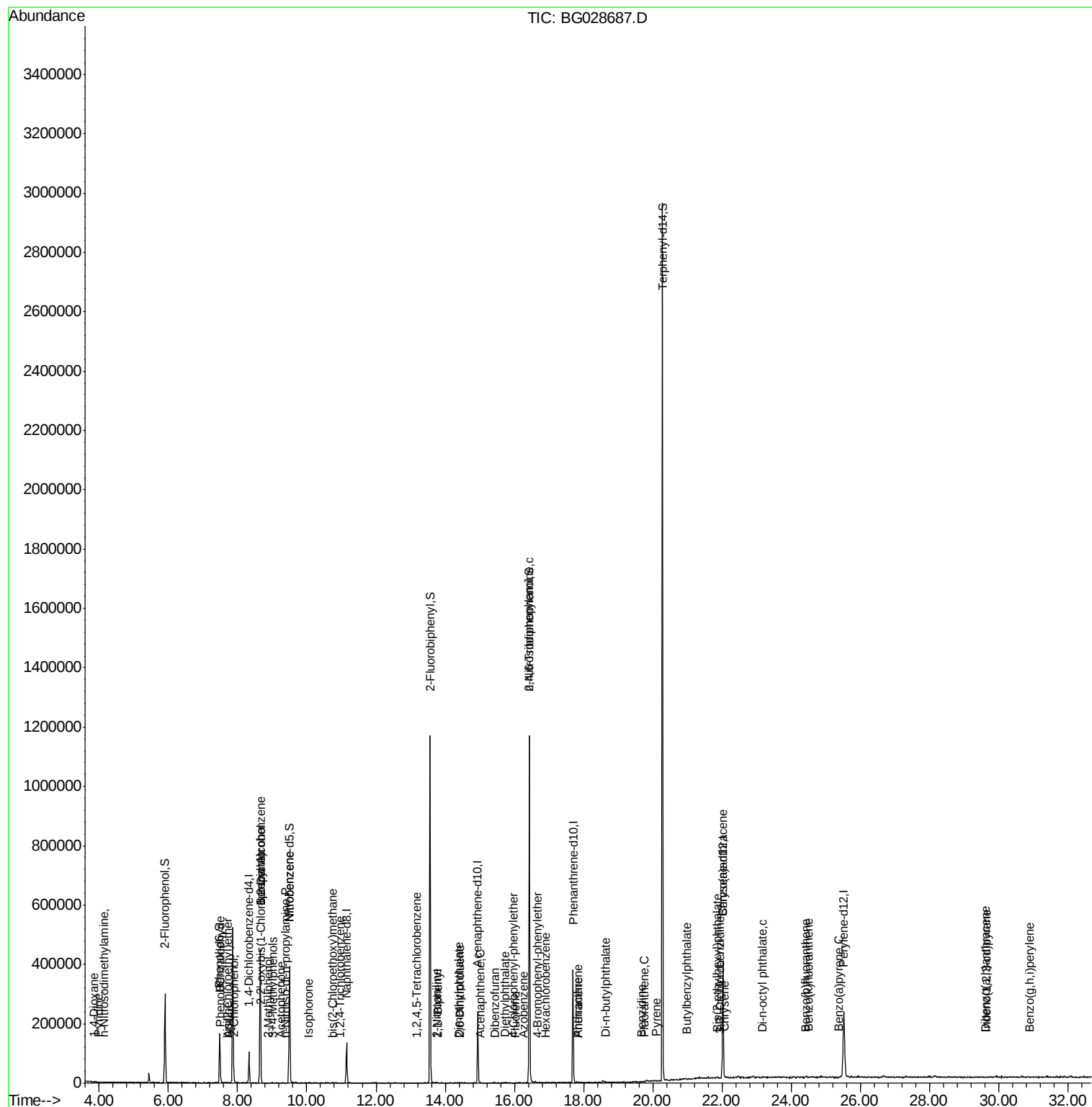
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Anthracene	17.84	178	53	0.004	nq	# 58
73) Di-n-butylphthalate	18.63	149	2361	0.165	nq	# 73
74) Fluoranthene	19.74	202	72	0.005	nq	# 61
76) Benzidine	19.67	184	54	0.008	nq	# 64
77) Pyrene	20.10	202	207	0.013	nq	# 53
79) Butylbenzylphthalate	20.97	149	460	0.073	nq	# 75
80) Benzo(a)anthracene	22.02	228	1055	0.065	nq	# 47
81) 3,3'-Dichlorobenzidine	21.94	252	55	0.008	nq	# 24
82) Chrysene	22.07	228	160	0.010	nq	# 46
83) Bis(2-ethylhexyl)phthalate	21.85	149	683	0.076	nq	# 75
84) Di-n-octyl phthalate	23.15	149	234	0.015	nq	# 68
85) Indeno(1,2,3-cd)pyrene	29.65	276	63	0.003	nq	# 1
87) Benzo(b)fluoranthene	24.42	252	291	0.017	nq	# 58
88) Benzo(k)fluoranthene	24.50	252	276	0.016	nq	# 56
89) Benzo(a)pyrene	25.37	252	82	0.005	nq	# 58
90) Dibenzo(a,h)anthracene	29.63	278	68	0.004	nq	# 58
91) Benzo(g,h,i)perylene	30.88	276	107	0.007	nq	# 59

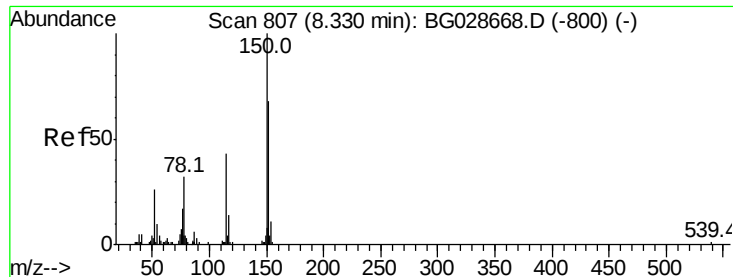
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 808

Delta R.T. 0.00 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

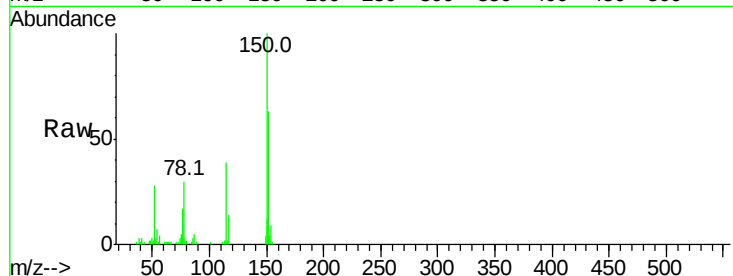
Tot Ion:152 Resp: 28276

Ion Ratio Lower Upper

152 100

150 157.5 114.0 171.0

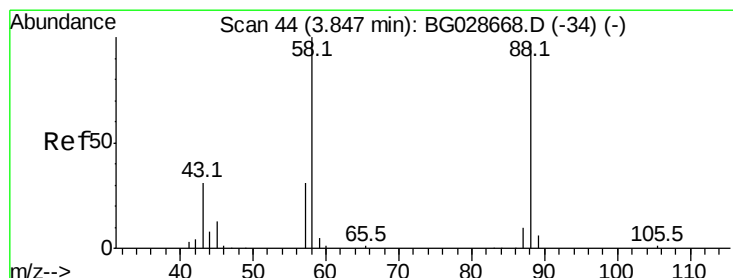
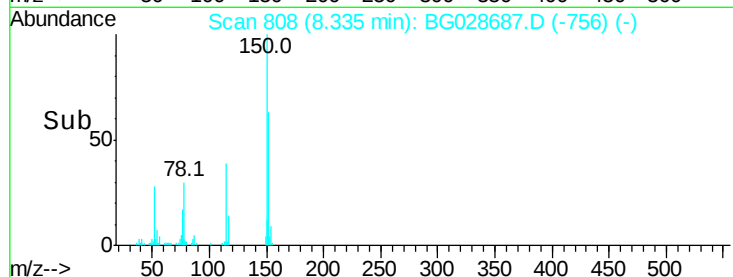
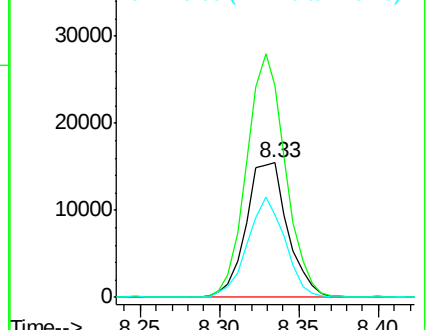
115 61.0 48.1 72.1



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: 0.092 ng

RT: 3.85 min Scan# 45

Delta R.T. 0.00 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

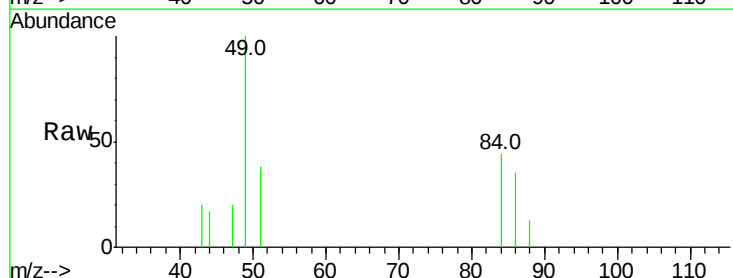
Tgt Ion: 88 Resp: 64

Ion Ratio Lower Upper

88 100

58 0.0 79.4 119.2#

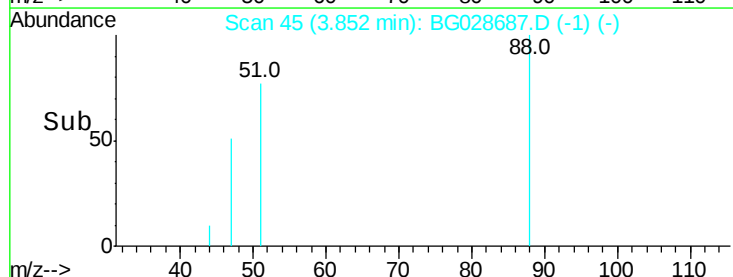
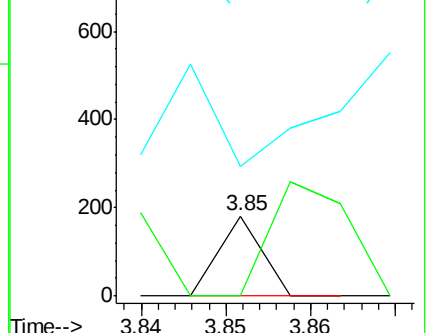
43 128.1 33.8 50.6#

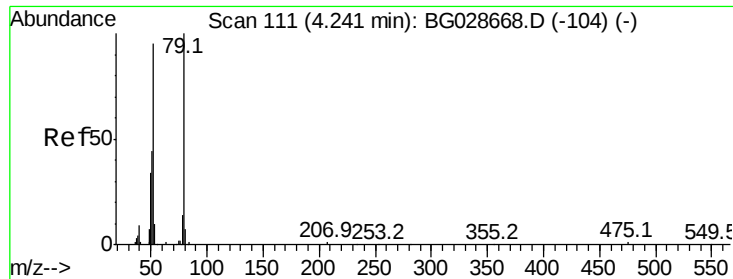


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.031 ng

RT: 3.96 min Scan# 64

Delta R.T. -0.28 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

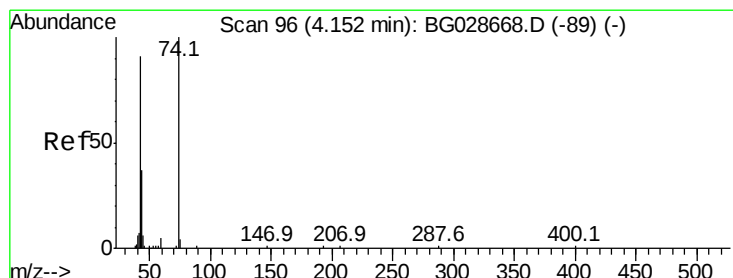
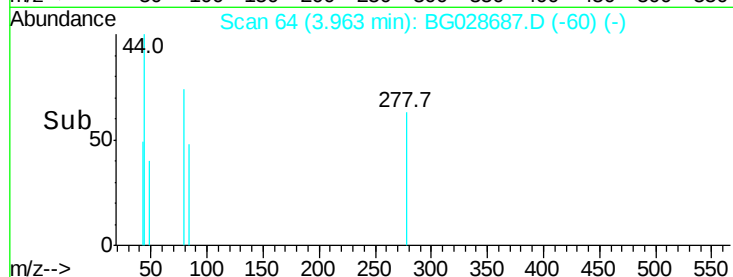
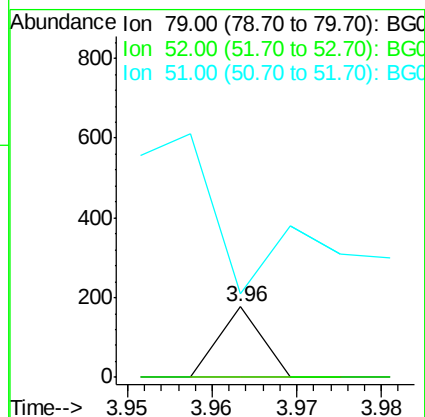
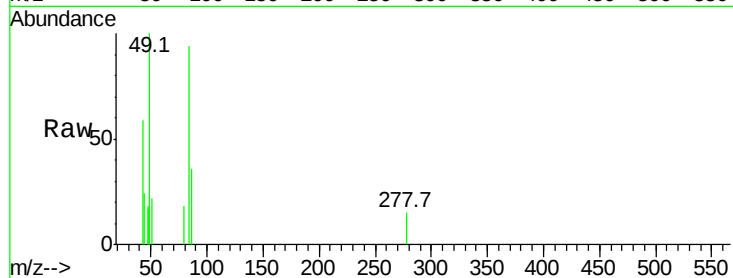
Tot Ion: 79 Resp: 62

Ion Ratio Lower Upper

79 100

52 0.0 77.8 116.6#

51 119.2 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 0.080 ng

RT: 4.15 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

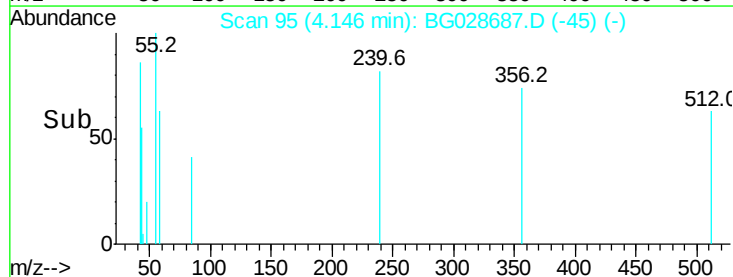
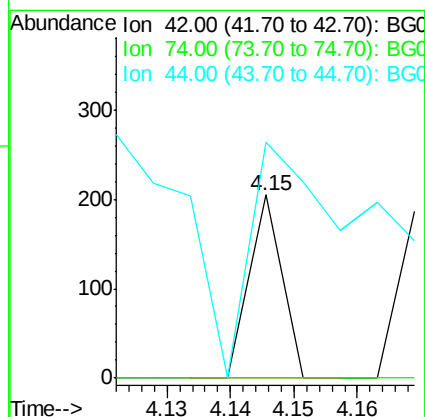
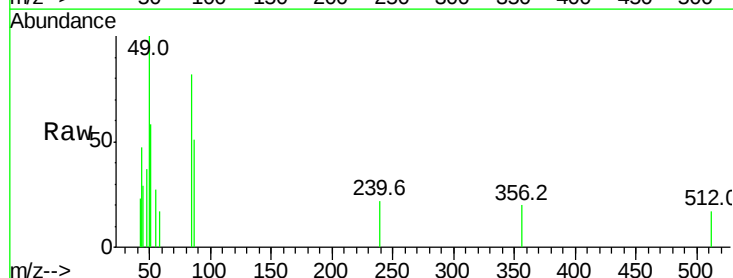
Tgt Ion: 42 Resp: 72

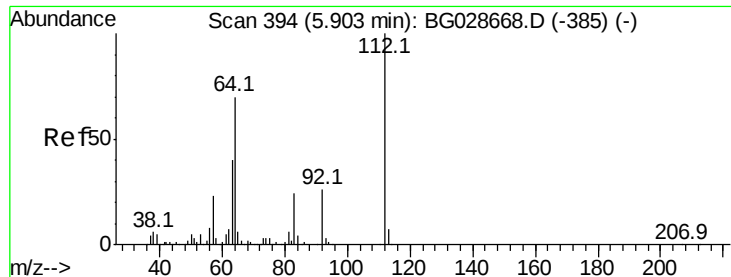
Ion Ratio Lower Upper

42 100

74 0.0 76.7 115.1#

44 128.8 6.1 9.1#





#5

2-Fluorophenol

Concen: 73.593 ng

RT: 5.90 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampled :

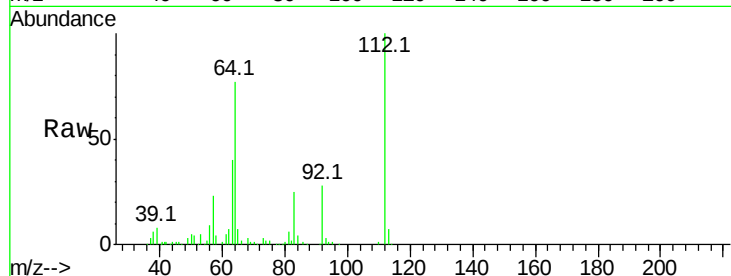
Tot Ion:112 Resp: 126113

Ion Ratio Lower Upper

112 100

64 76.9 61.8 92.6

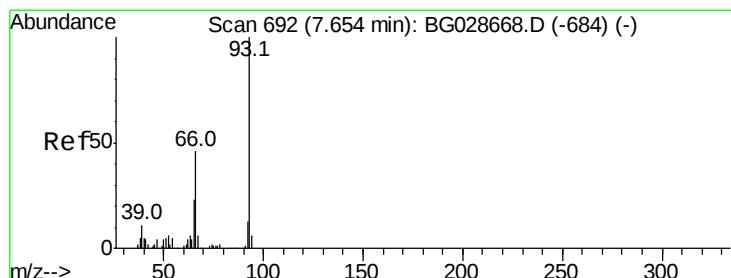
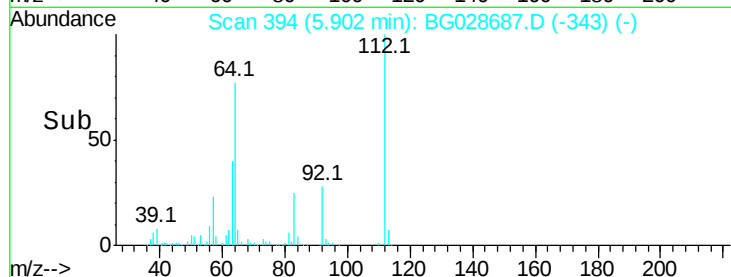
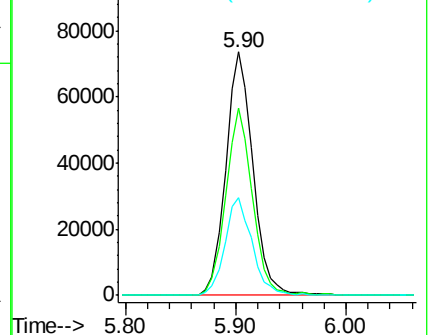
63 40.2 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.024 ng

RT: 7.71 min Scan# 701

Delta R.T. 0.05 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

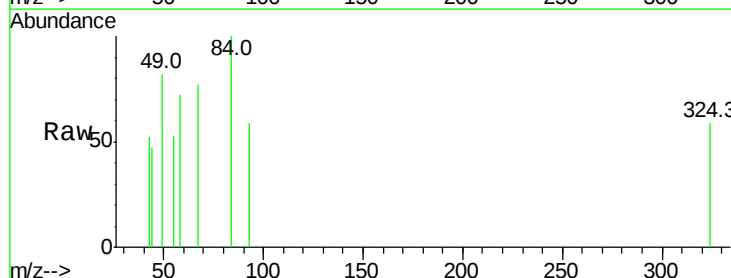
Tgt Ion: 93 Resp: 73

Ion Ratio Lower Upper

93 100

66 0.0 35.4 53.2#

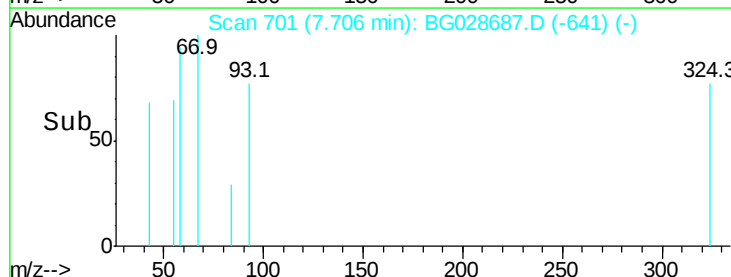
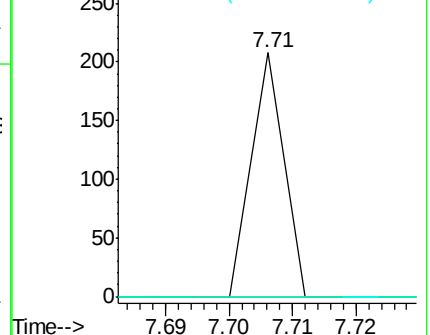
65 0.0 21.2 31.8#

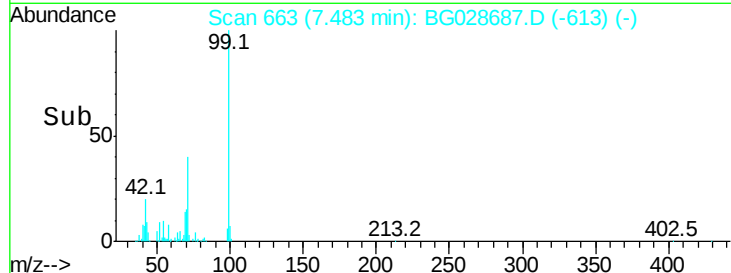
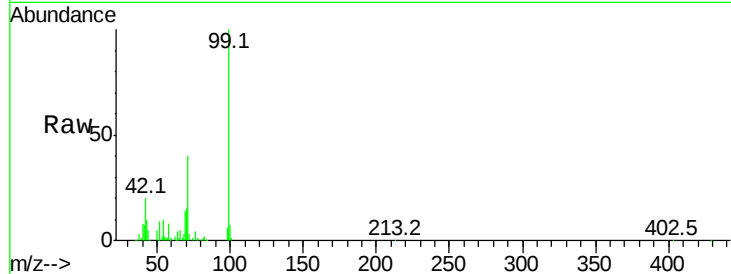
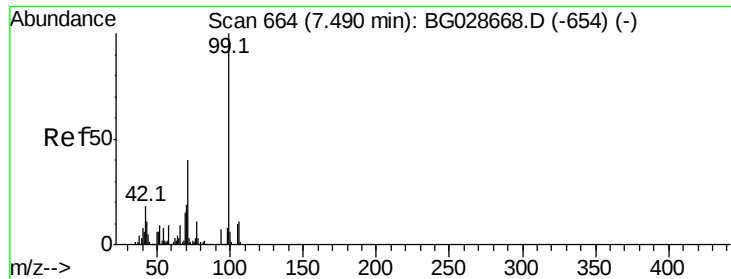


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 39.979 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

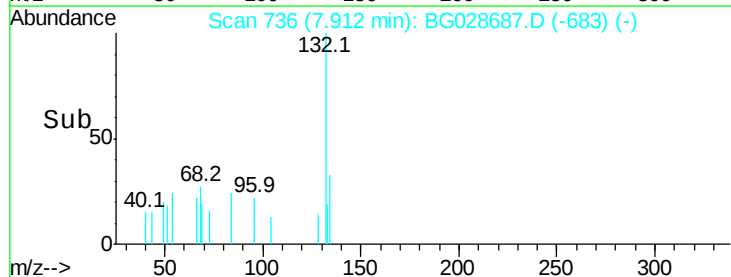
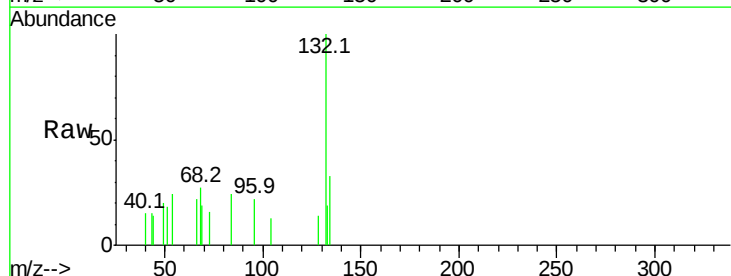
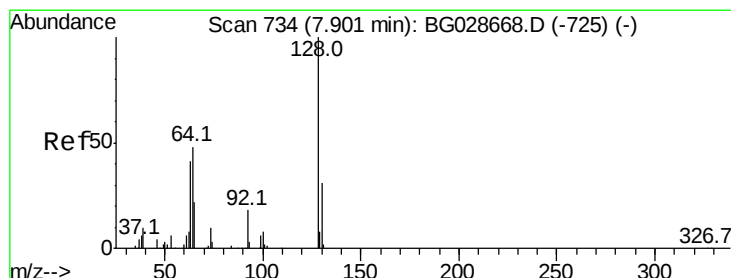
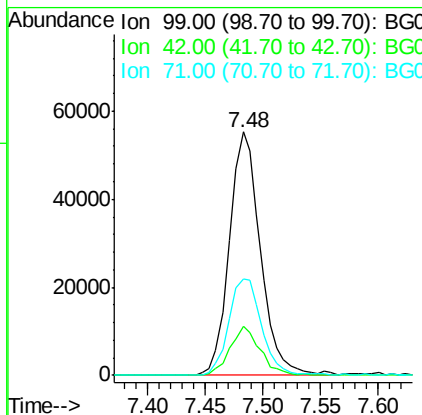
Tot Ion: 99 Resp: 103149

Ion Ratio Lower Upper

99 100

42 20.3 20.5 30.7#

71 39.6 37.6 56.4



#8

2-Chlorophenol

Concen: 0.031 ng

RT: 7.91 min Scan# 736

Delta R.T. 0.01 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

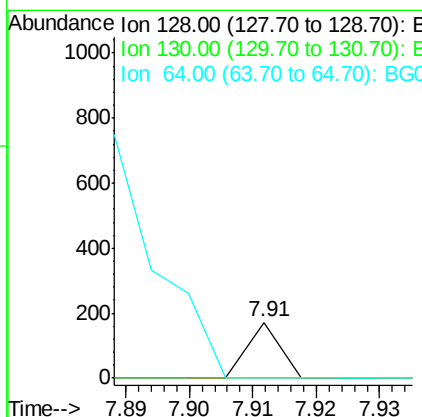
Tgt Ion: 128 Resp: 60

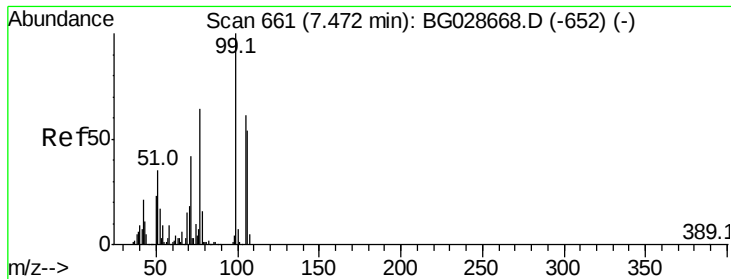
Ion Ratio Lower Upper

128 100

130 0.0 11.4 51.4#

64 0.0 46.6 86.6#





#9

Benzaldehyd

Concen: 0.177 ng

RT: 7.49 min Scan# 665

Delta R.T. 0.02 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

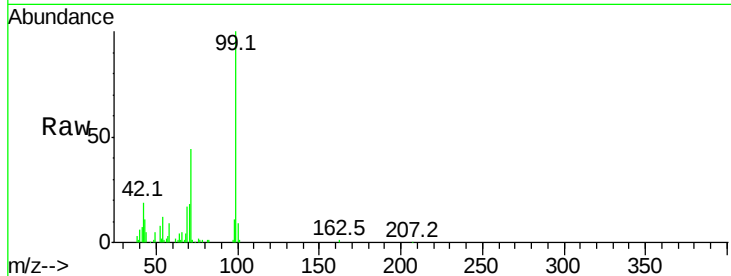
Tot Ion: 77 Resp: 283

Ion Ratio Lower Upper

77 100

105 0.0 60.9 100.9#

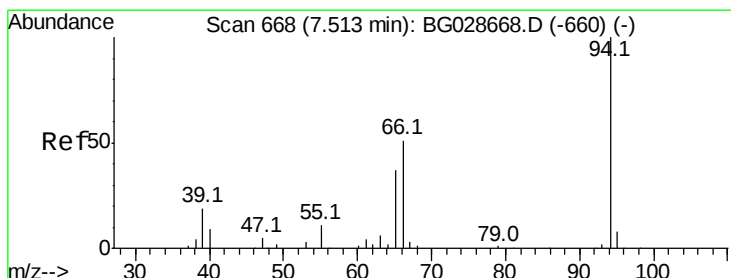
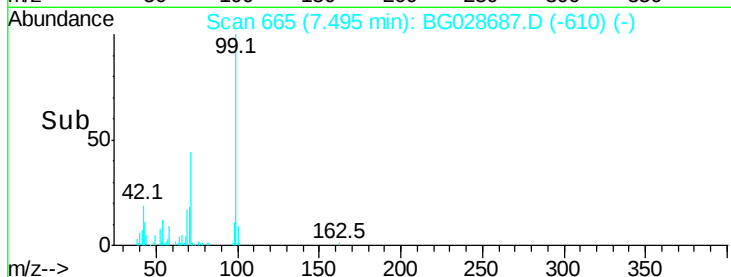
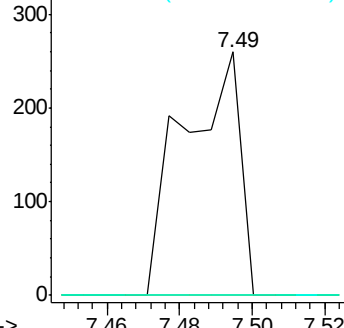
106 0.0 55.1 95.1#



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



#10

Phenol

Concen: 0.036 ng

RT: 7.51 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

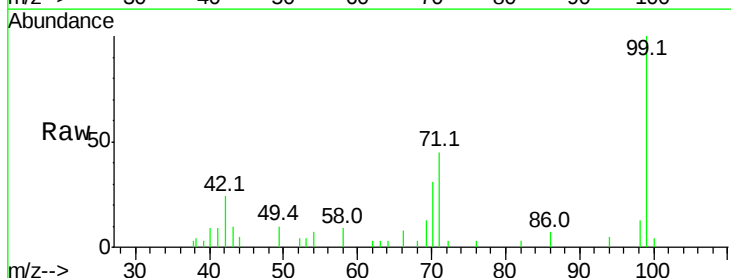
Tgt Ion: 94 Resp: 98

Ion Ratio Lower Upper

94 100

65 0.0 20.6 60.6#

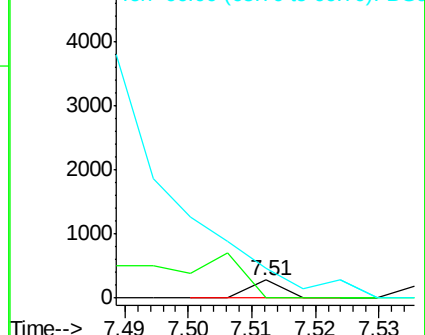
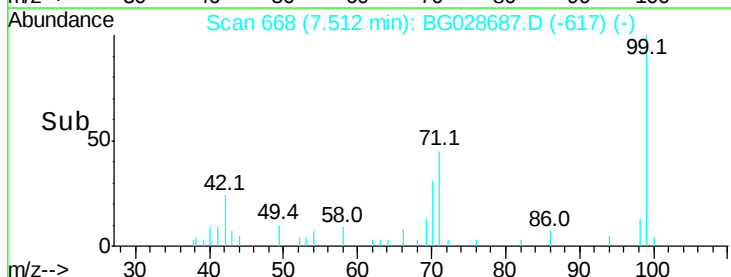
66 166.7 35.5 75.5#

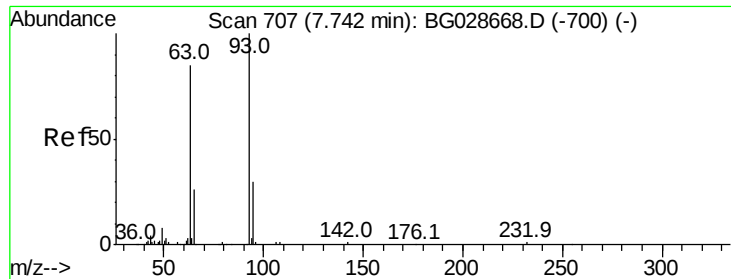


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

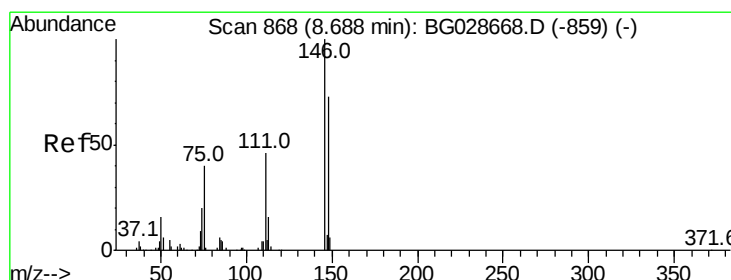
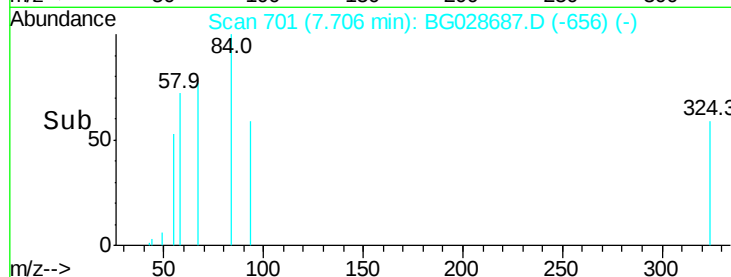
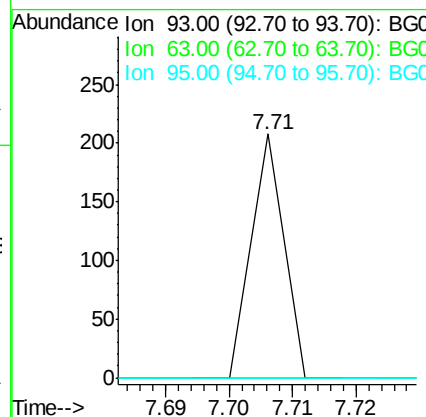
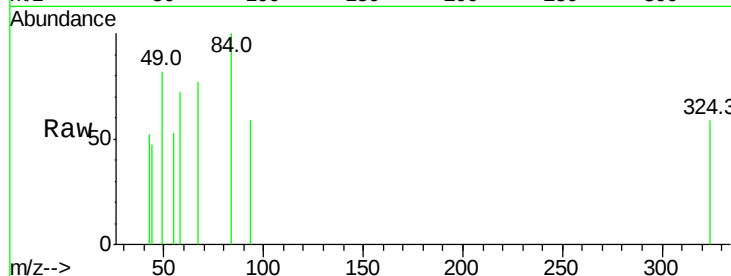




#11
 bis(2-Chloroethyl)ether
 Concen: 0.037 ng
 RT: 7.71 min Scan# 701
 Delta R.T. -0.04 min
 Lab File: BG028687.D
 Acq: 13 Sep 2017 2:25

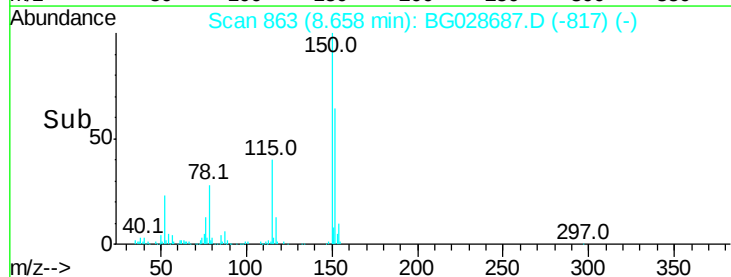
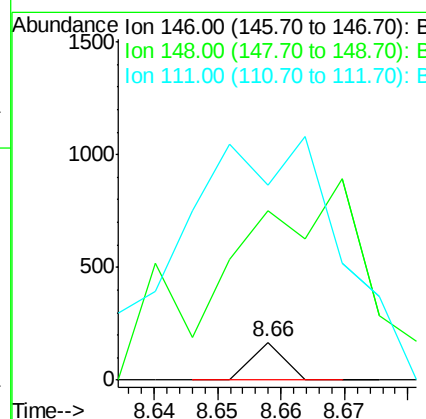
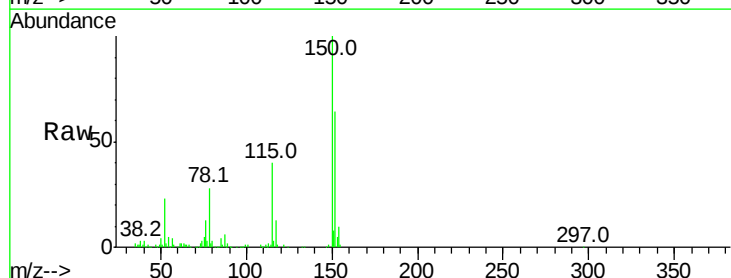
Instrument :
 BNA_G
 ClientSampled :

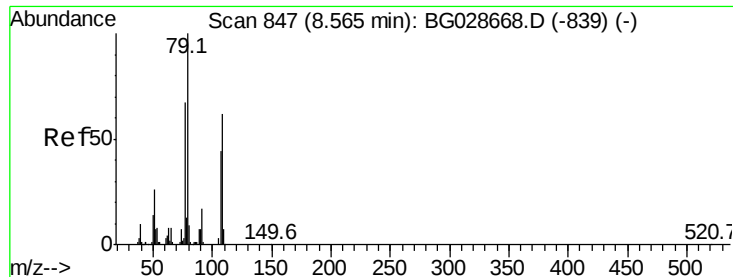
Tot Ion: 93 Resp: 73
 Ion Ratio Lower Upper
 93 100
 63 0.0 78.5 118.5#
 95 0.0 9.8 49.8#



#14
 1,2-Dichlorobenzene
 Concen: 0.028 ng
 RT: 8.66 min Scan# 863
 Delta R.T. -0.03 min
 Lab File: BG028687.D
 Acq: 13 Sep 2017 2:25

Tgt Ion: 146 Resp: 59
 Ion Ratio Lower Upper
 146 100
 148 447.0 54.6 81.8#
 111 514.9 39.7 59.5#





#15

Benzyl Alcohol

Concen: 1.985 ng

RT: 8.66 min Scan# 863

Delta R.T. 0.09 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

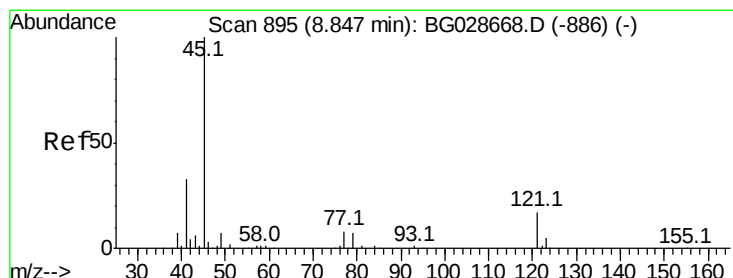
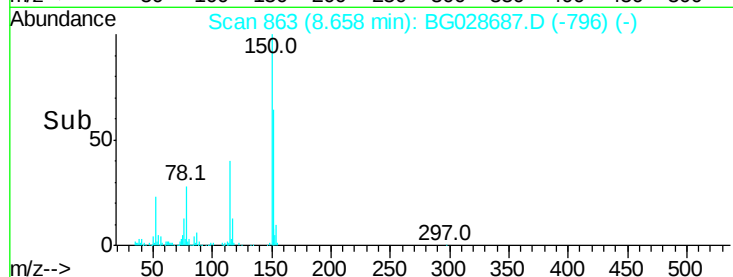
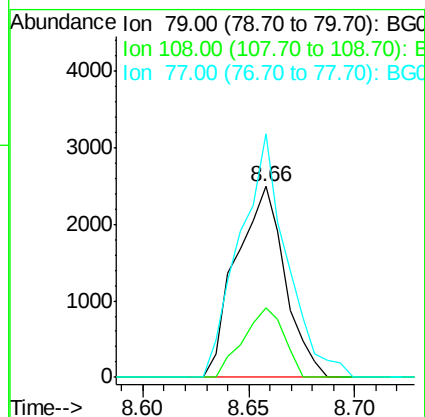
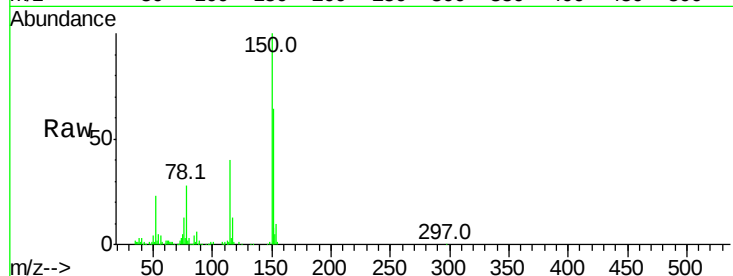
Tot Ion: 79 Resp: 3998

Ion Ratio Lower Upper

79 100

108 36.7 45.5 68.3#

77 127.5 54.3 81.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.016 ng

RT: 8.68 min Scan# 867

Delta R.T. -0.17 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

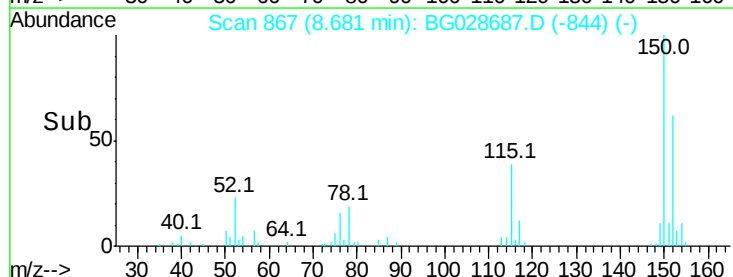
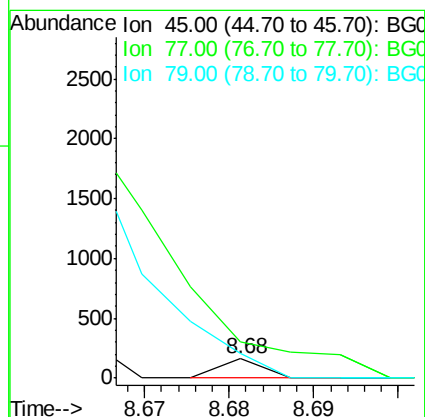
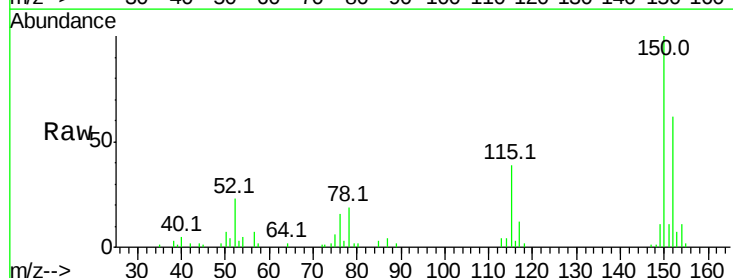
Tgt Ion: 45 Resp: 57

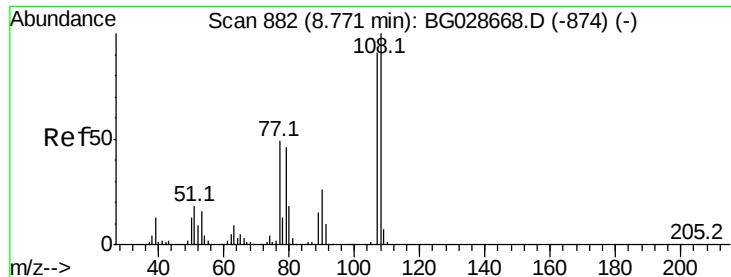
Ion Ratio Lower Upper

45 100

77 190.1 0.0 30.6#

79 125.9 0.0 28.5#





#17

2-Methylphenol

Concen: 0.030 ng

RT: 8.88 min Scan# 901

Delta R.T. 0.11 min

Lab File: BG028687.D

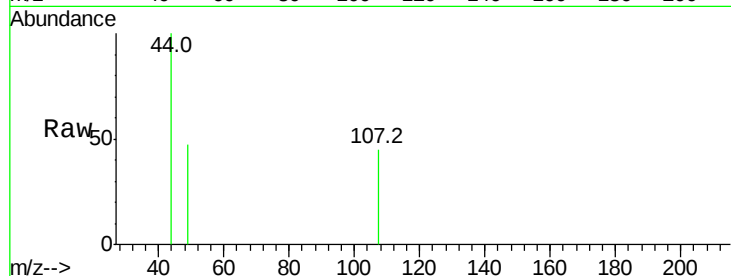
Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	54
Ion Ratio	Lower	Upper	
107	100		
108	0.0	85.6	128.4#
77	0.0	51.4	77.2#
79	0.0	49.2	73.8#

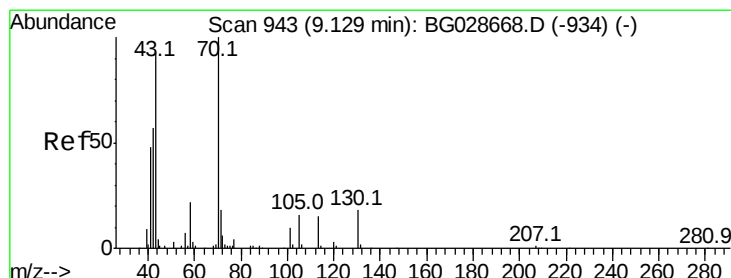
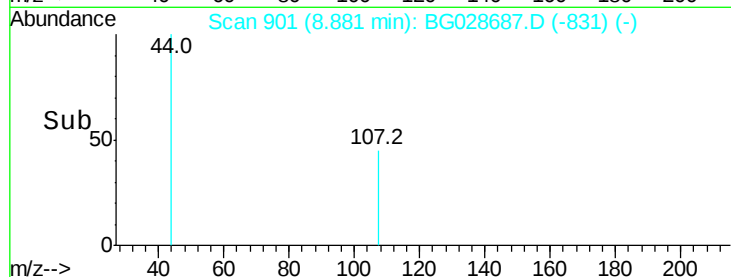
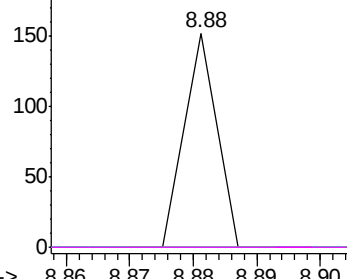


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#19

n-Nitroso-di-n-propylamine

Concen: 0.032 ng

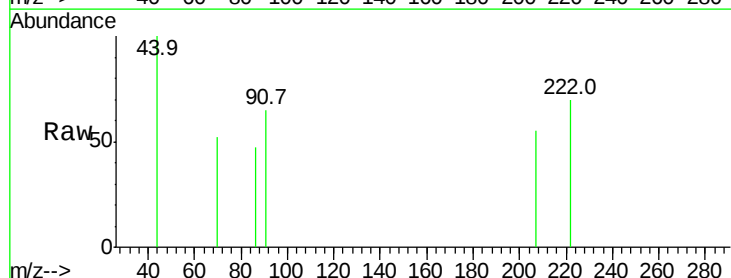
RT: 9.39 min Scan# 987

Delta R.T. 0.26 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Tgt Ion:	70	Resp:	59
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#

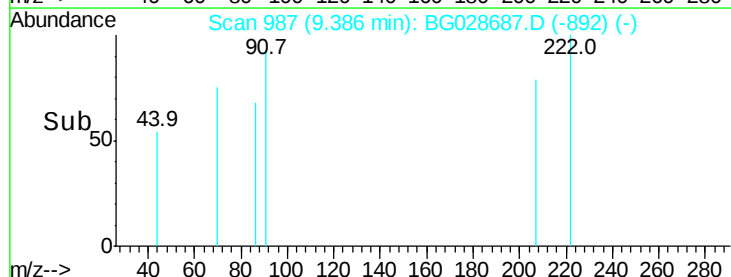
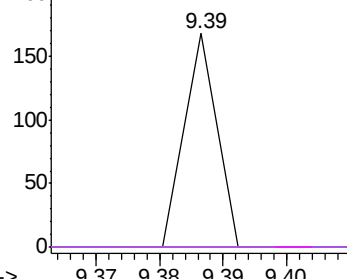


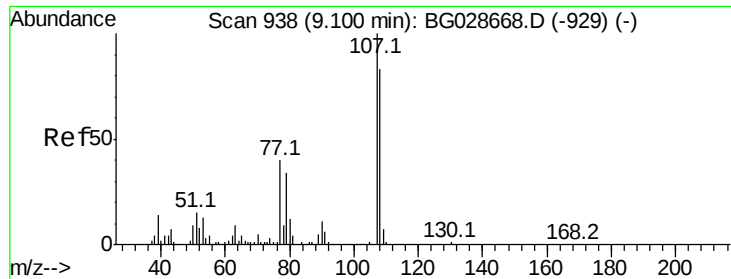
Abundance Ion 70.00 (69.70 to 70.70): BG

Ion 42.00 (41.70 to 42.70): BG

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 0.022 ng

RT: 9.03 min Scan# 927

Delta R.T. -0.07 min

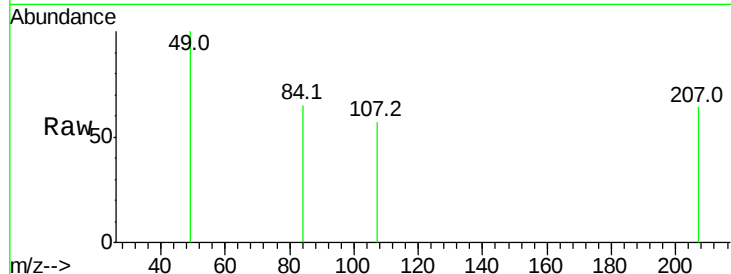
Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampled :



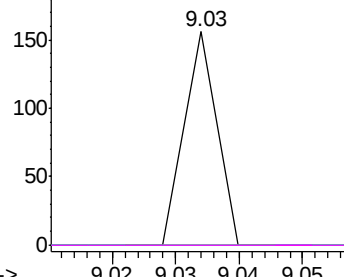
Tot Ion:	107	Resp:	55
Ion	Ratio	Lower	Upper
107	100		
108	0.0	70.8	110.8#
77	0.0	25.8	65.8#
79	0.0	20.1	60.1#

Abundance Ion 107.00 (106.70 to 107.70): E

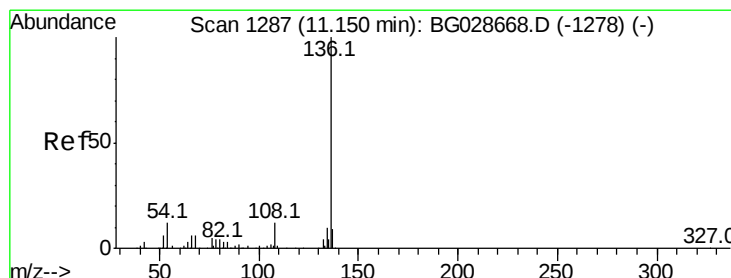
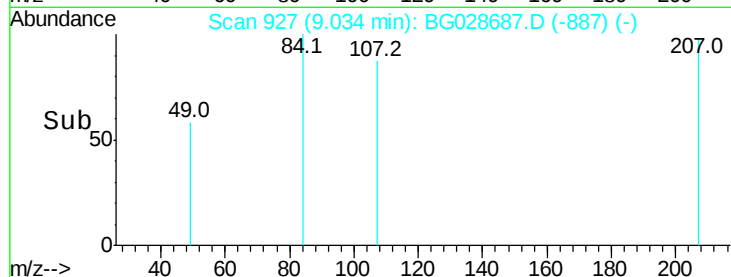
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

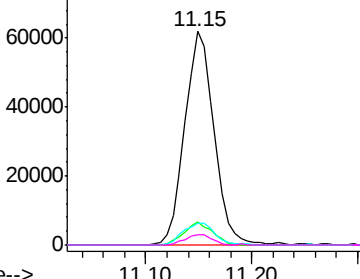
Tgt Ion:	136	Resp:	118653
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.2	9.3	13.9
68	4.9	5.1	7.7#

Abundance Ion 136.00 (135.70 to 136.70): E

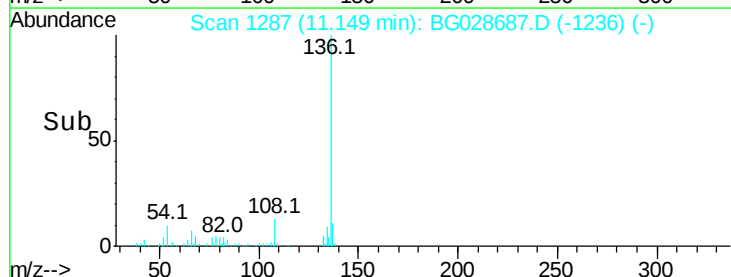
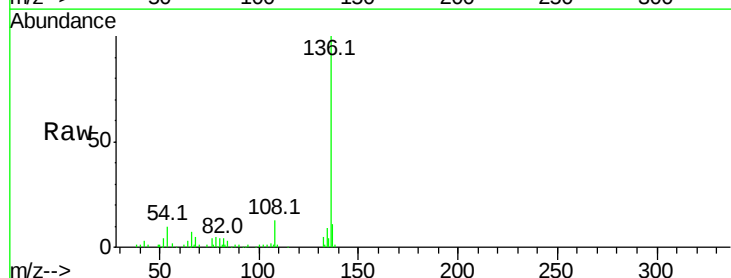
Ion 137.00 (136.70 to 137.70): E

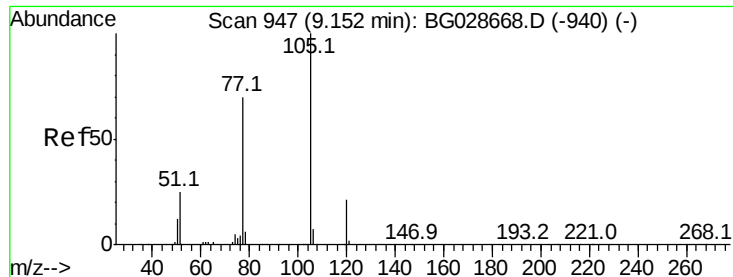
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



Time-->





#22

Acetophenone

Concen: 0.019 ng

RT: 9.26 min Scan# 965

Delta R.T. 0.10 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:105 Resp: 65

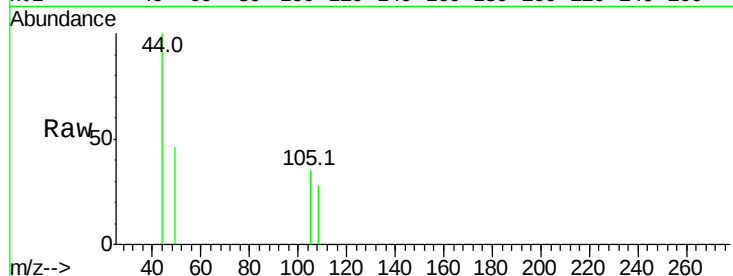
Ion Ratio Lower Upper

105 100

71 0.0 0.9 1.3#

51 0.0 34.0 51.0#

120 0.0 17.3 25.9#

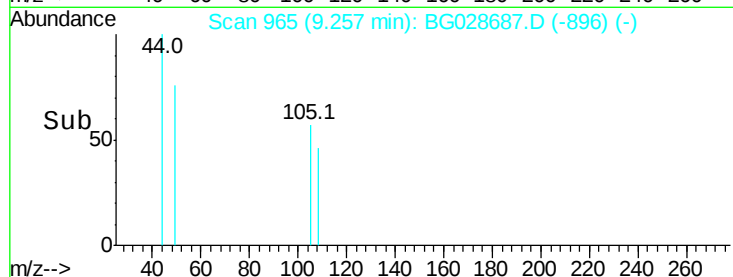
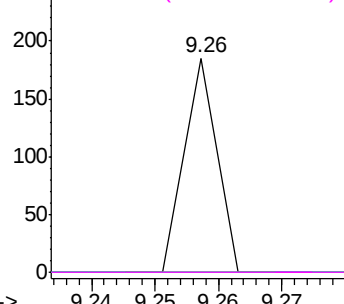


Abundance Ion 105.00 (104.70 to 105.70): E

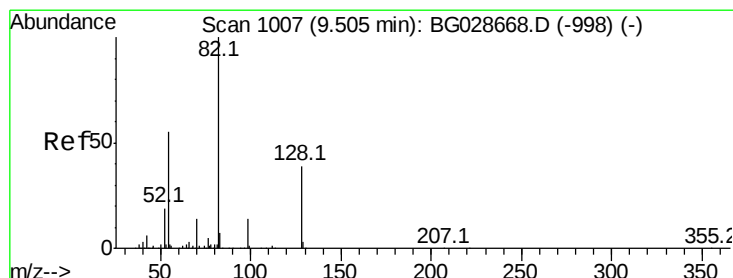
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 101.547 ng

RT: 9.50 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

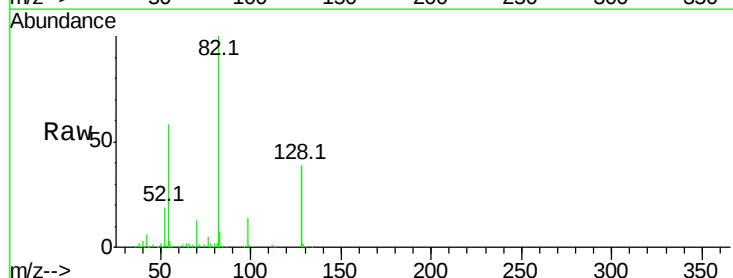
Tgt Ion: 82 Resp: 251870

Ion Ratio Lower Upper

82 100

128 38.7 26.4 39.6

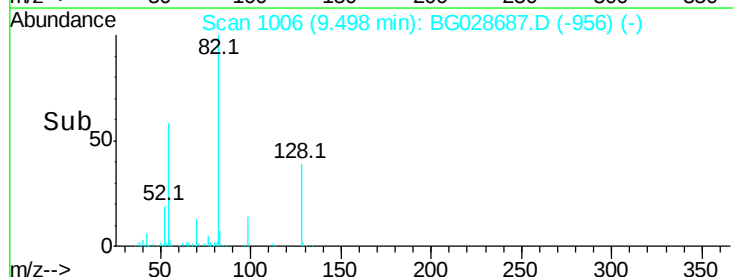
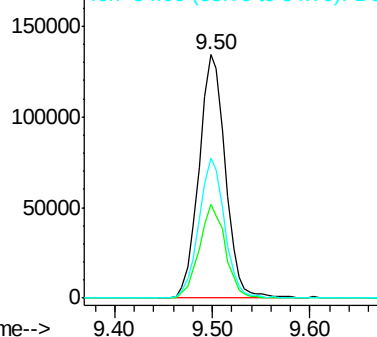
54 57.7 49.4 74.2

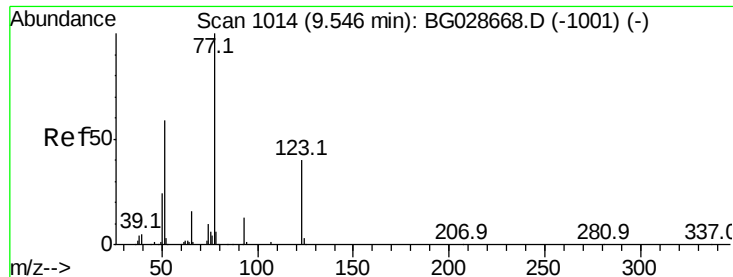


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 0.329 ng

RT: 9.50 min Scan# 1007

Delta R.T. -0.04 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

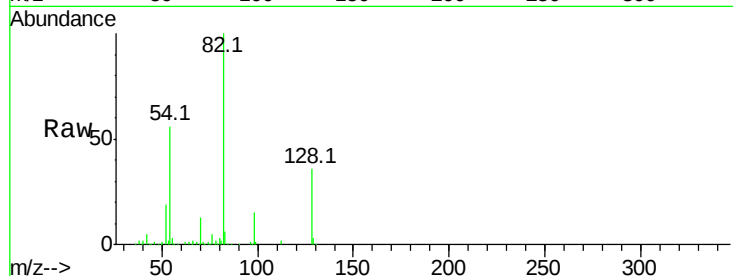
Tot Ion: 77 Resp: 903

Ion Ratio Lower Upper

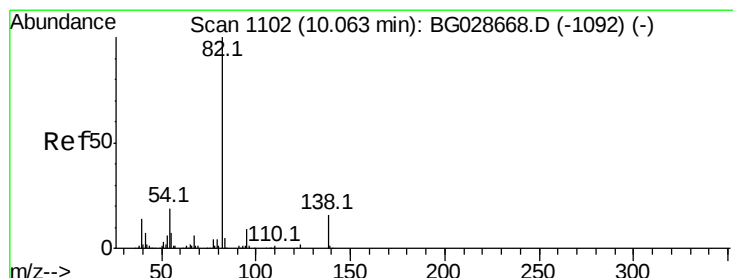
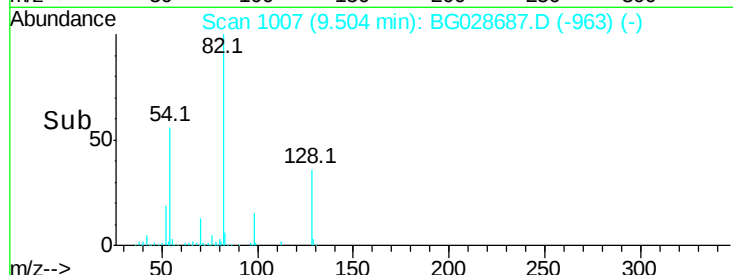
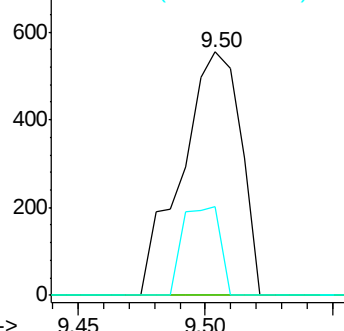
77 100

123 0.0 26.1 39.1#

65 36.4 12.4 18.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#25

Isophorone

Concen: 0.029 ng

RT: 10.04 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

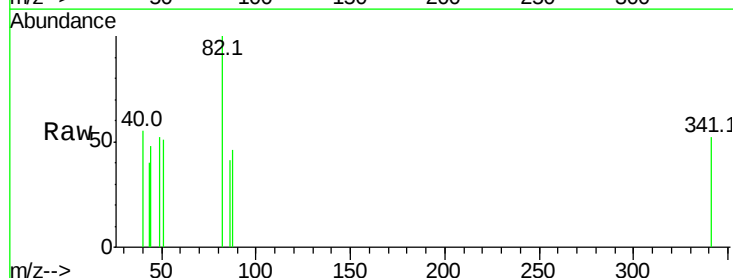
Tgt Ion: 82 Resp: 148

Ion Ratio Lower Upper

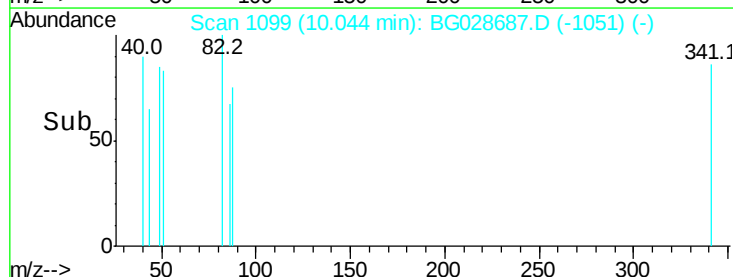
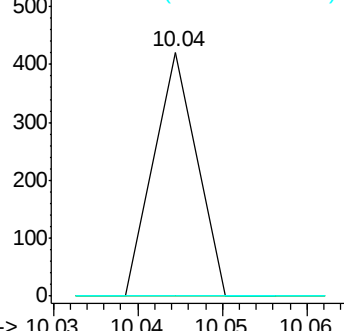
82 100

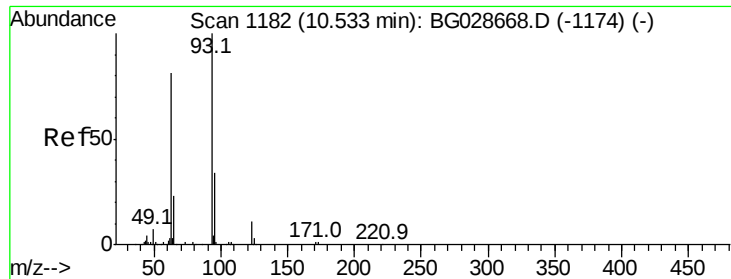
95 0.0 7.5 11.3#

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

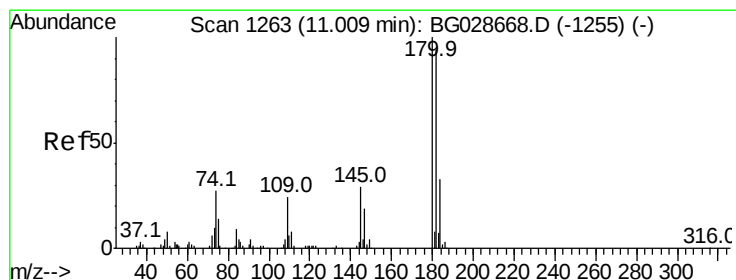
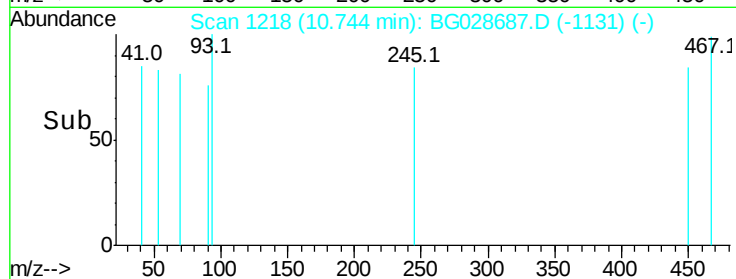
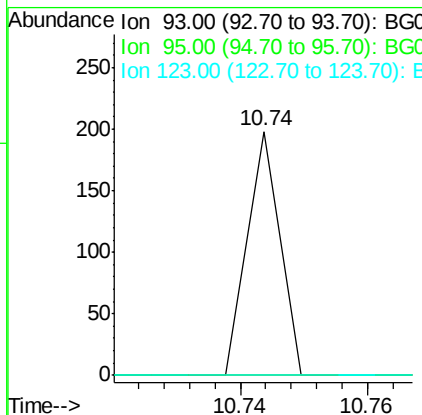
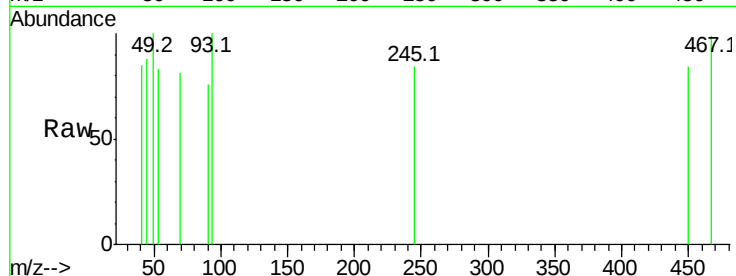




#28
bis(2-Chloroethoxy)methane
Concen: 0.026 ng
RT: 10.74 min Scan# 1218
Delta R.T. 0.21 min
Lab File: BG028687.D
Acq: 13 Sep 2017 2:25

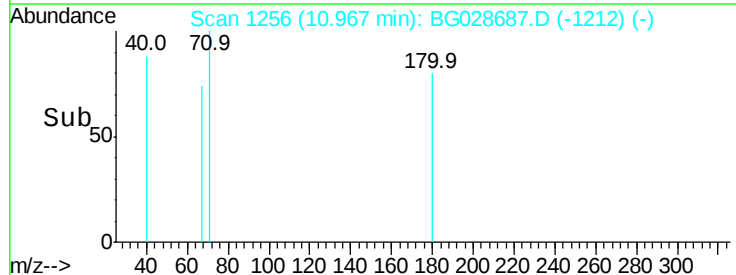
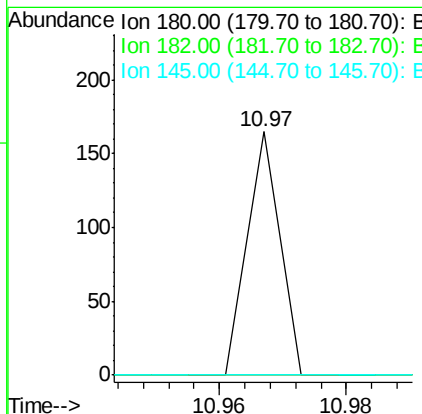
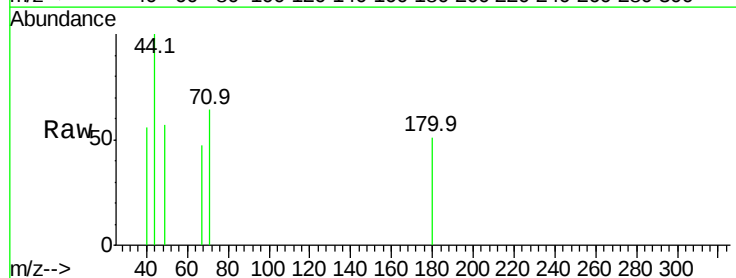
Instrument :
BNA_G
ClientSampleId :

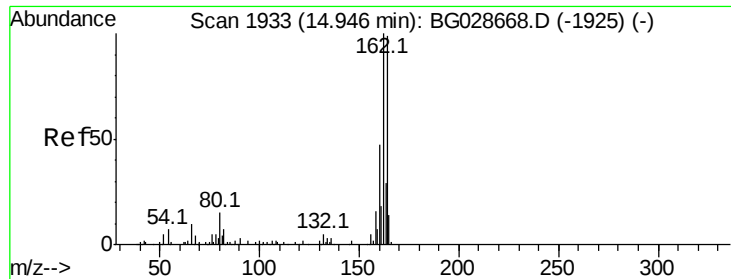
Tot Ion	Ratio	Lower	Upper
93	100		
95	0.0	25.7	38.5#
123	0.0	8.3	12.5#



#30
1,2,4-Trichlorobenzene
Concen: 0.024 ng
RT: 10.97 min Scan# 1256
Delta R.T. -0.04 min
Lab File: BG028687.D
Acq: 13 Sep 2017 2:25

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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

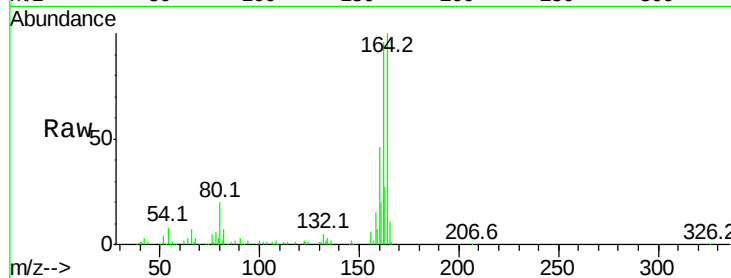
Tot Ion:164 Resp: 85621

Ion Ratio Lower Upper

164 100

162 96.3 85.1 127.7

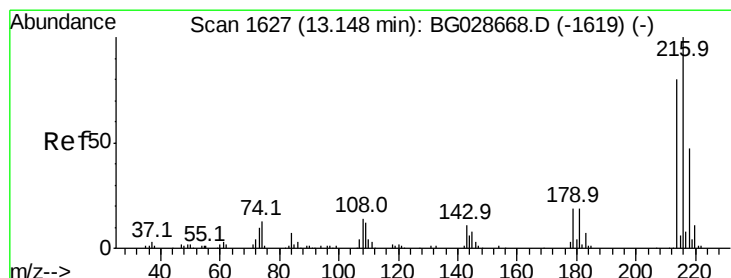
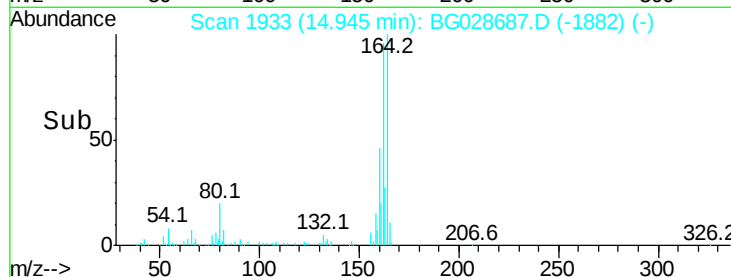
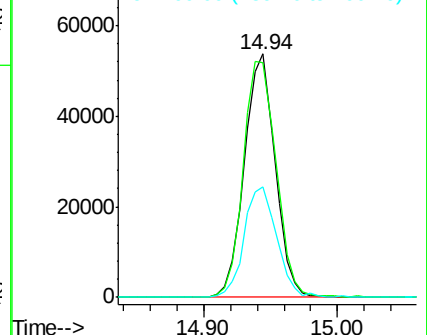
160 45.6 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.020 ng

RT: 13.16 min Scan# 1630

Delta R.T. 0.02 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Tgt Ion:216 Resp: 70

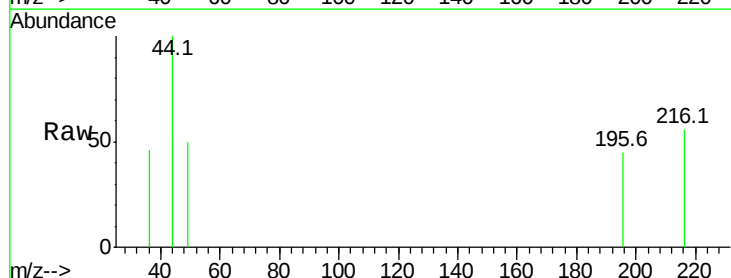
Ion Ratio Lower Upper

216 100

214 0.0 64.4 96.6#

179 0.0 17.4 26.0#

108 0.0 15.6 23.4#

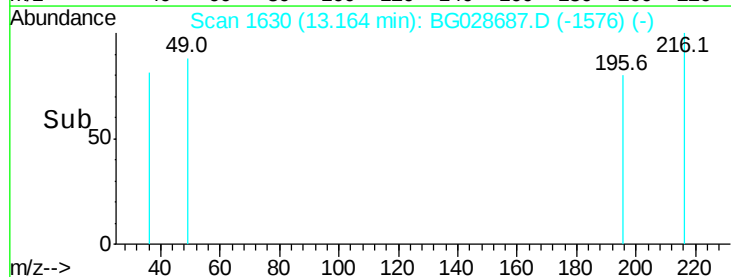
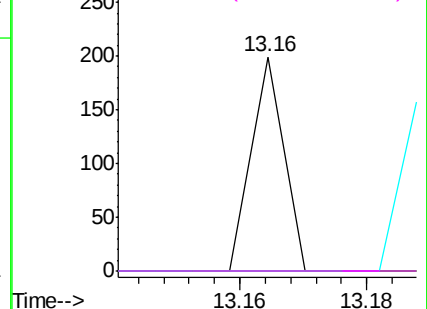


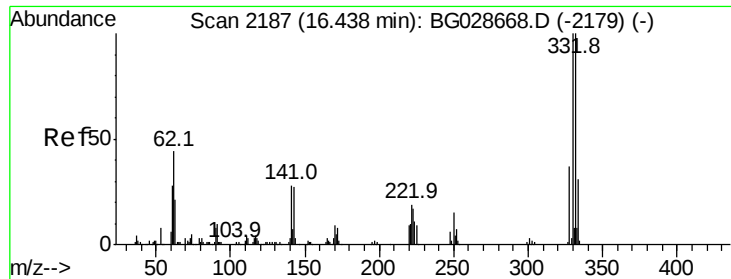
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

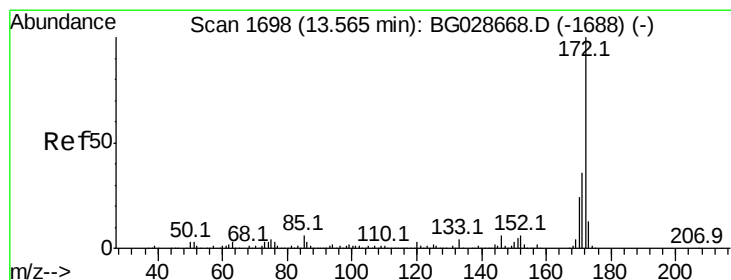
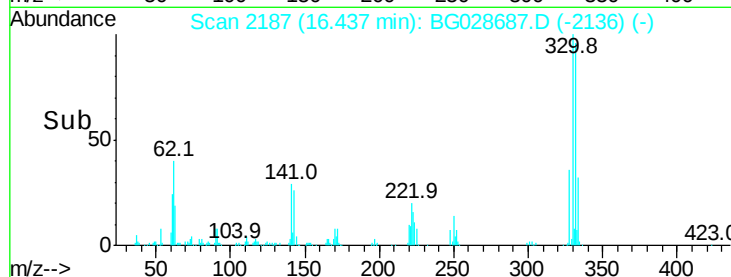
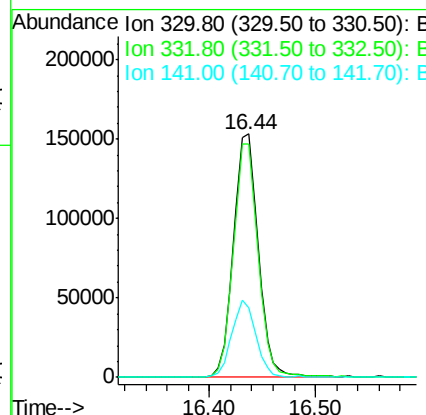
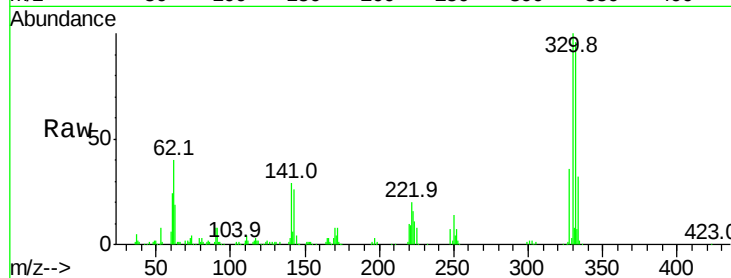




#41
 2,4,6-Tribromophenol
 Concen: 175.348 ng
 RT: 16.44 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG028687.D
 Acq: 13 Sep 2017 2:25

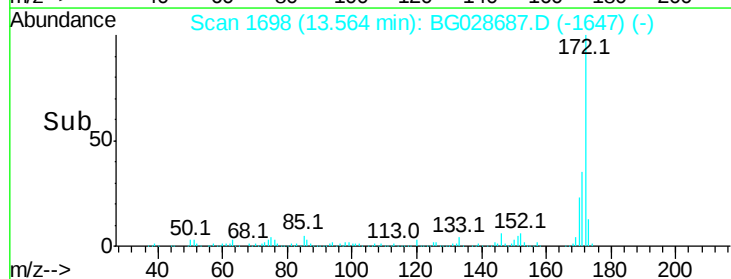
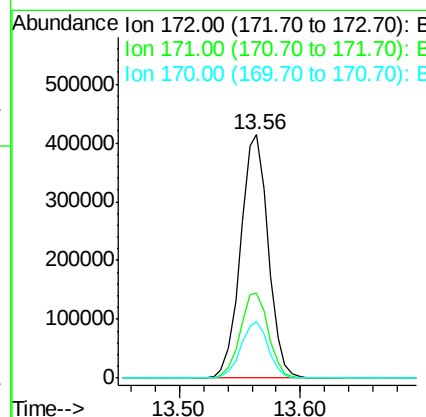
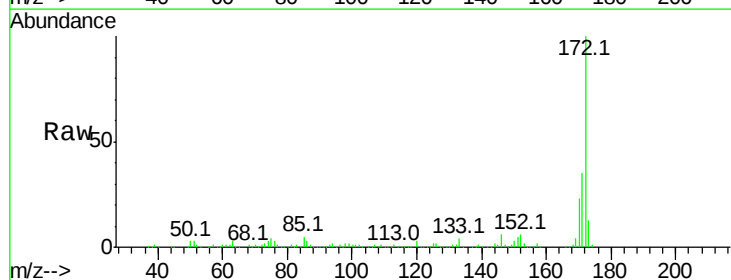
Instrument :
 BNA_G
 ClientSampleId :

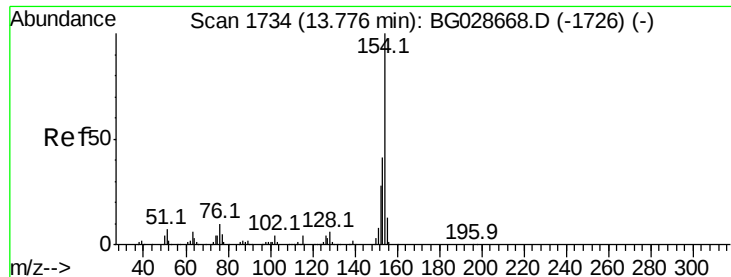
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	31.1	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 102.911 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG028687.D
 Acq: 13 Sep 2017 2:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	32.2	48.2
170	23.1	21.8	32.6

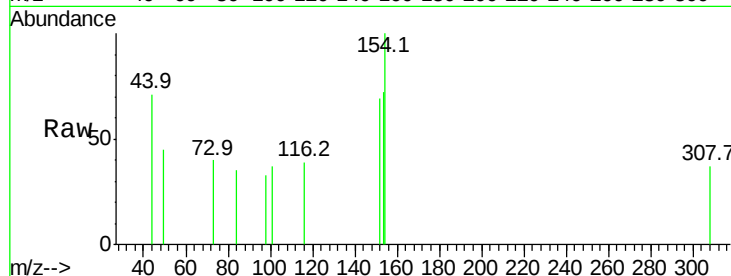




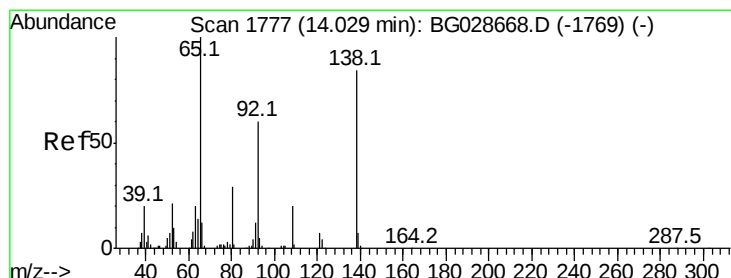
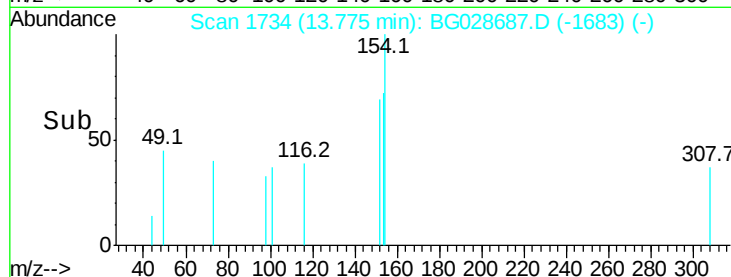
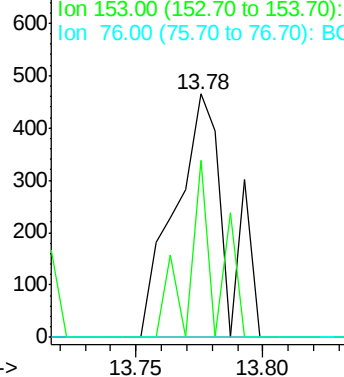
#45
1,1'-Biphenyl
Concen: 0.092 ng
RT: 13.78 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG028687.D
Acq: 13 Sep 2017 2:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:154 Resp: 653
Ion Ratio Lower Upper
154 100
153 72.5 23.0 63.0#
76 0.0 0.0 33.5

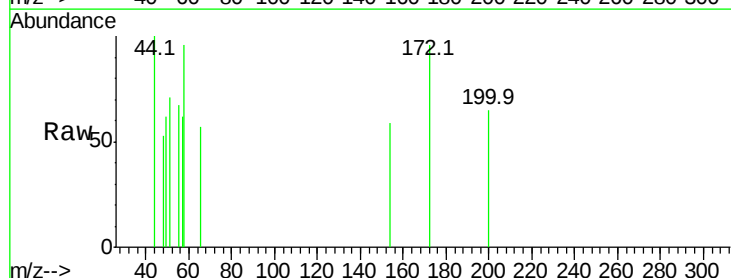


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

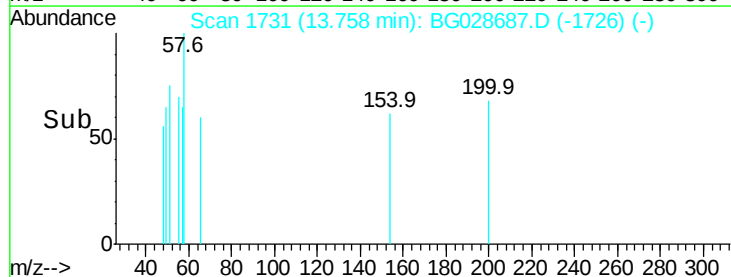
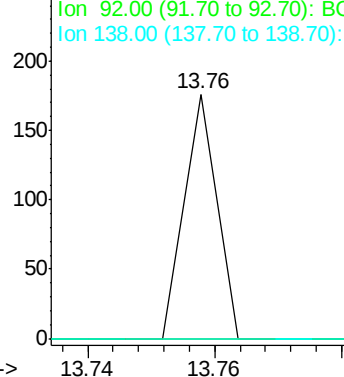


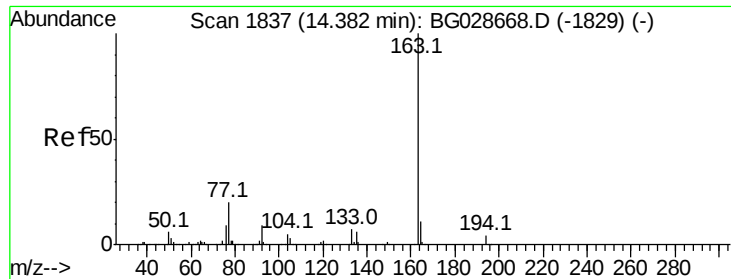
#47
2-Nitroaniline
Concen: 0.032 ng
RT: 13.76 min Scan# 1731
Delta R.T. -0.27 min
Lab File: BG028687.D
Acq: 13 Sep 2017 2:25

Tgt Ion: 65 Resp: 62
Ion Ratio Lower Upper
65 100
92 0.0 49.0 73.4#
138 0.0 58.6 87.8#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 0.181 ng

RT: 14.40 min Scan# 1841

Delta R.T. 0.02 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

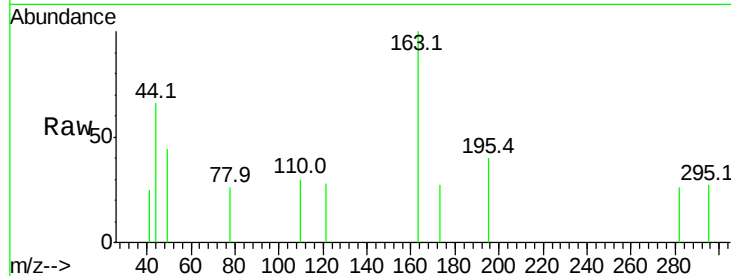
Tot Ion:163 Resp: 1300

Ion Ratio Lower Upper

163 100

194 0.0 3.8 5.6#

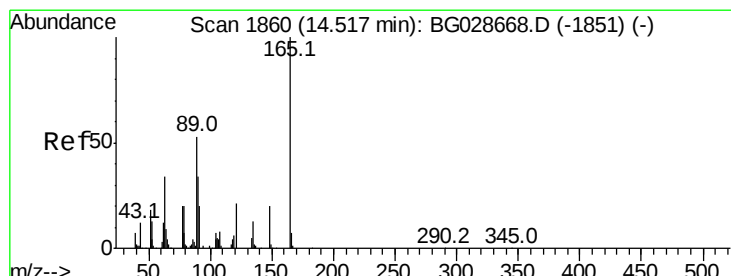
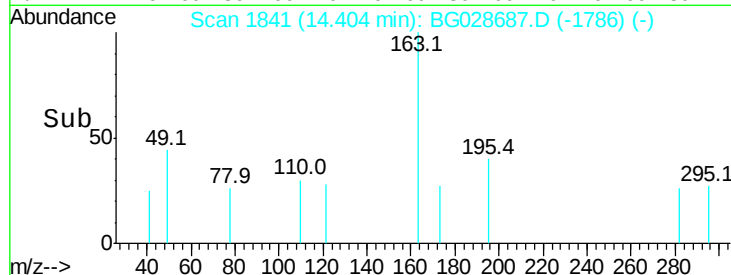
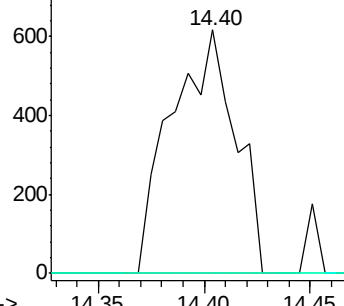
164 0.0 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.039 ng

RT: 14.42 min Scan# 1843

Delta R.T. -0.10 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

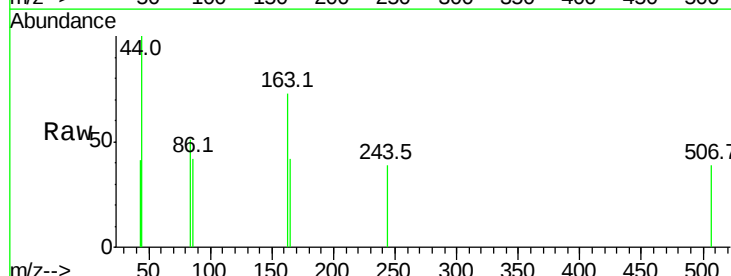
Tgt Ion:165 Resp: 62

Ion Ratio Lower Upper

165 100

63 0.0 63.9 95.9#

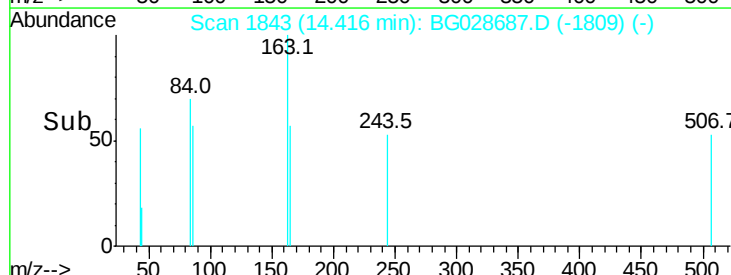
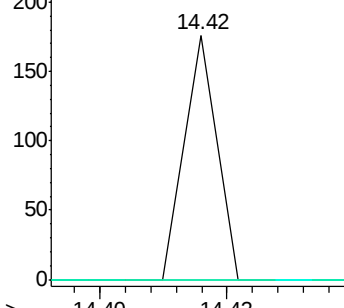
89 0.0 58.6 88.0#

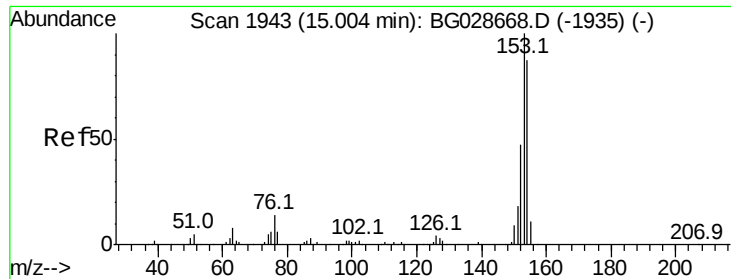


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 0.012 ng

RT: 15.02 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

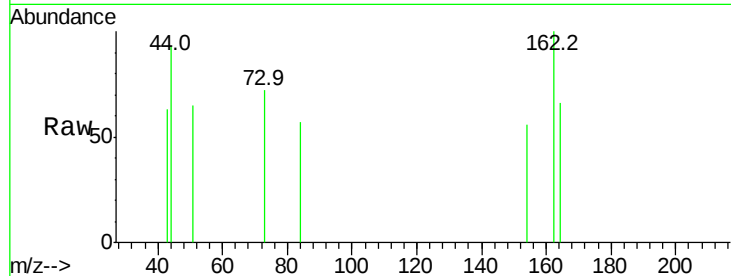
Tot Ion:154 Resp: 60

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

200

150

100

50

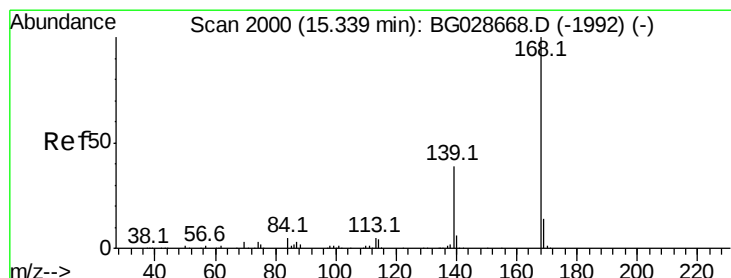
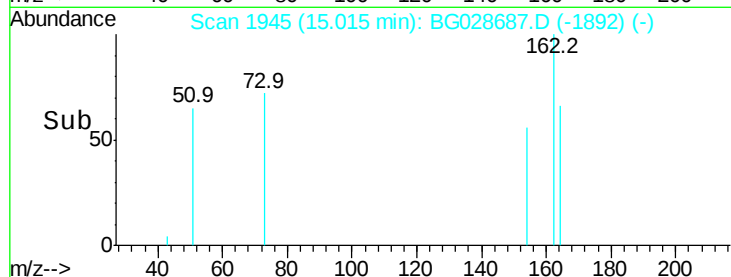
0

15.02

15.00

15.02

Time-->



#54

Dibenzofuran

Concen: 0.007 ng

RT: 15.44 min Scan# 2018

Delta R.T. 0.10 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

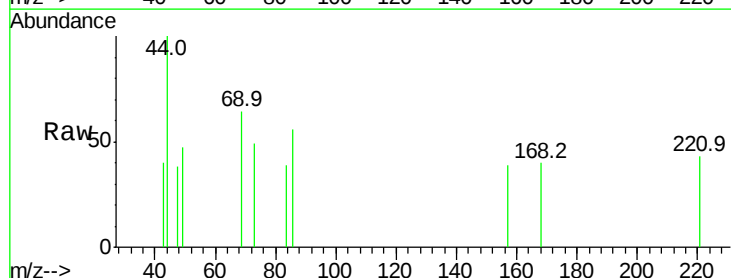
Tgt Ion:168 Resp: 55

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

200

150

100

50

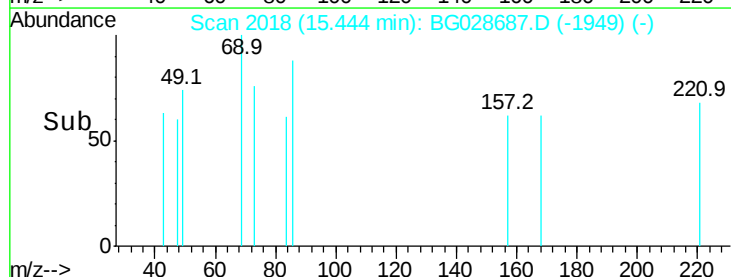
0

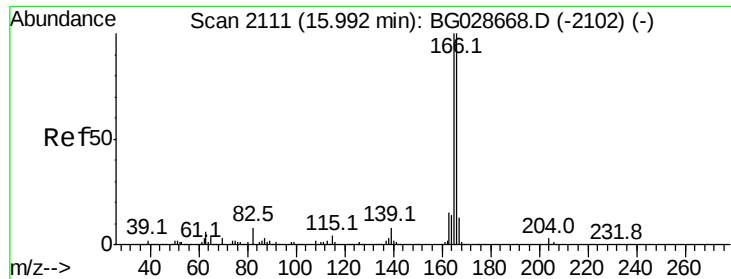
15.44

15.42

15.44

Time-->





#57

Fluorene

Concen: 0.008 ng

RT: 16.01 min Scan# 2115

Delta R.T. 0.02 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

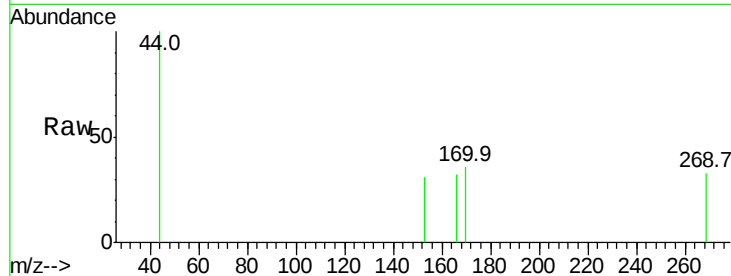
Tot Ion:166 Resp: 57

Ion Ratio Lower Upper

166 100

165 0.0 78.6 117.8#

167 0.0 11.6 17.4#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

16.01

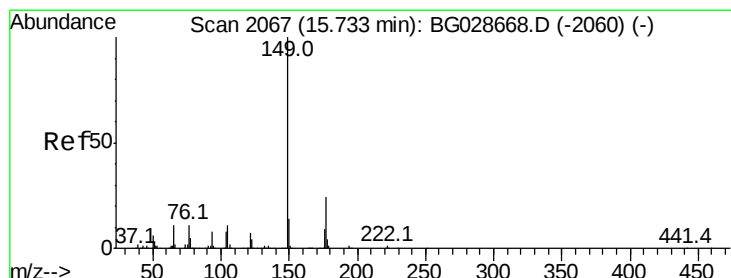
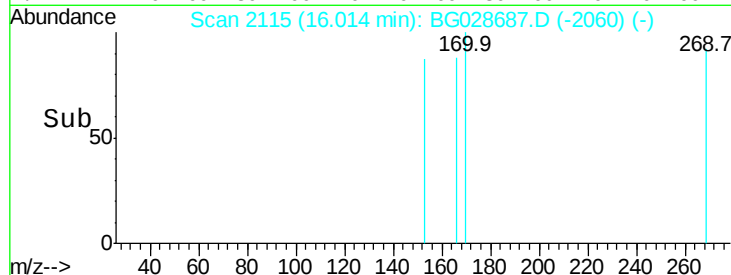
150

100

50

0

Time--> 16.00 16.02



#59

Diethylphthalate

Concen: 0.017 ng

RT: 15.73 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

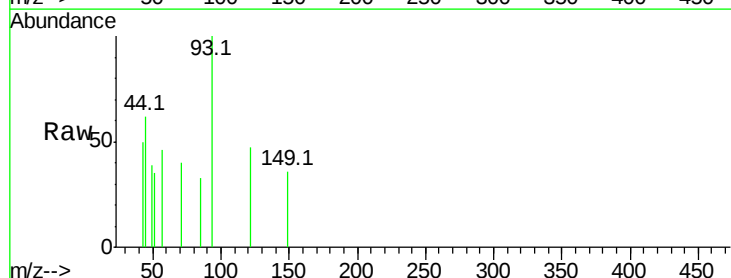
Tgt Ion:149 Resp: 123

Ion Ratio Lower Upper

149 100

177 0.0 20.1 30.1#

150 0.0 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

15.73

200

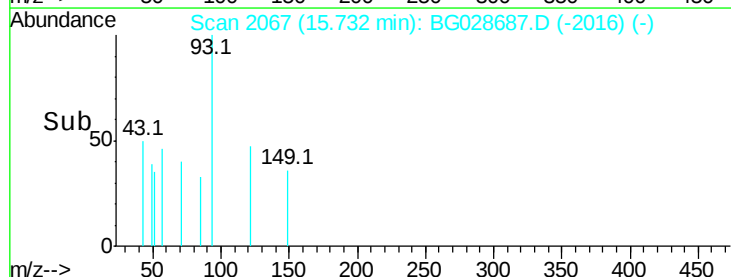
150

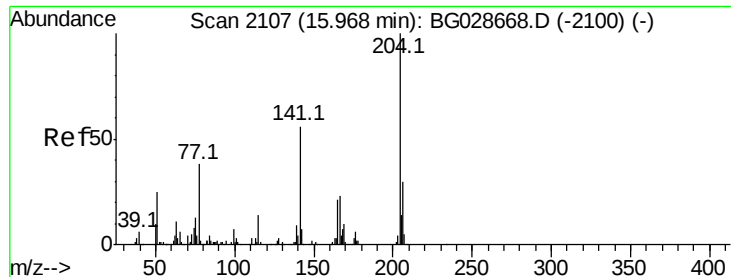
100

50

0

Time--> 15.70 15.72 15.74





#60

4-Chlorophenyl-phenylether

Concen: 0.017 ng

RT: 15.99 min Scan# 2111

Delta R.T. 0.02 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampled :

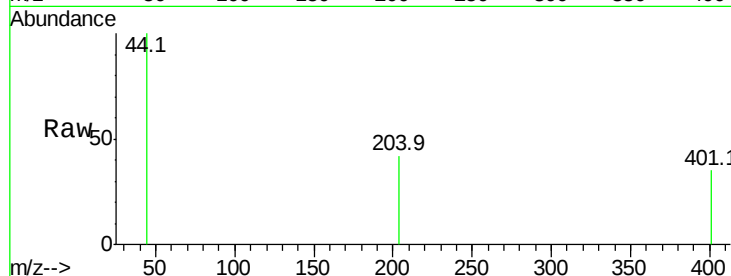
Tot Ion: 204 Resp: 71

Ion Ratio Lower Upper

204 100

206 0.0 30.1 45.1#

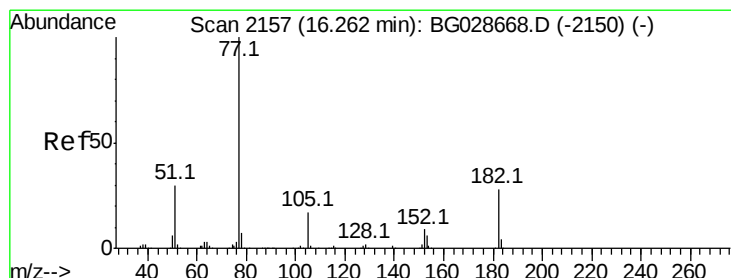
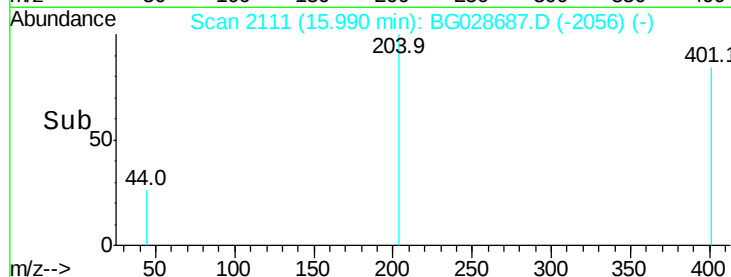
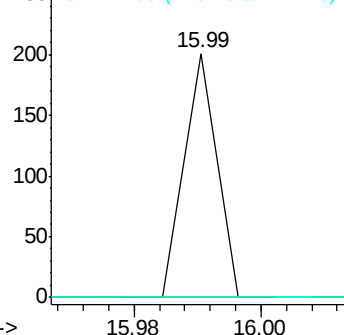
141 0.0 50.6 76.0#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

Azobenzene

Concen: 0.025 ng

RT: 16.26 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Tgt Ion: 77 Resp: 154

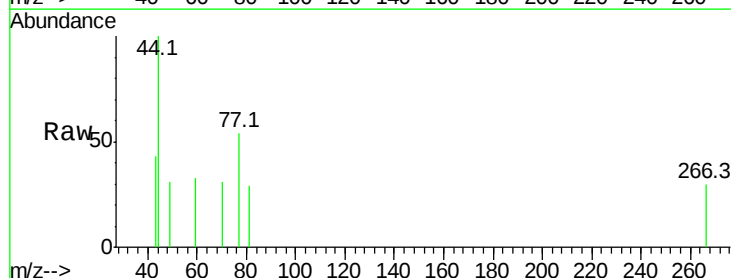
Ion Ratio Lower Upper

77 100

182 0.0 4.7 44.7#

105 0.0 0.0 36.3

51 0.0 16.4 56.4#

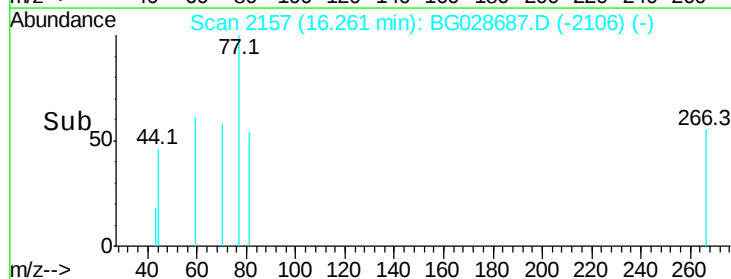
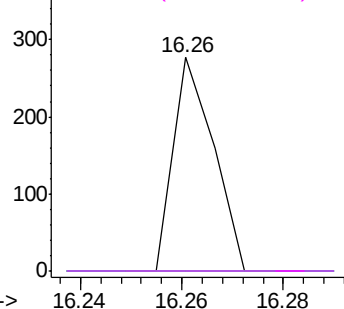


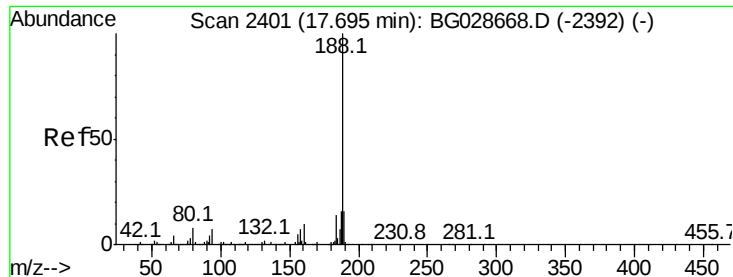
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

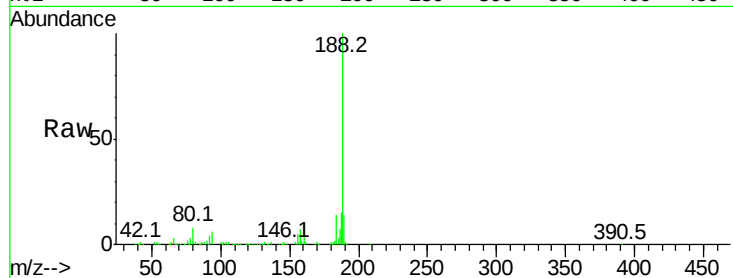
Tot Ion:188 Resp: 250465

Ion Ratio Lower Upper

188 100

94 6.0 5.8 8.8

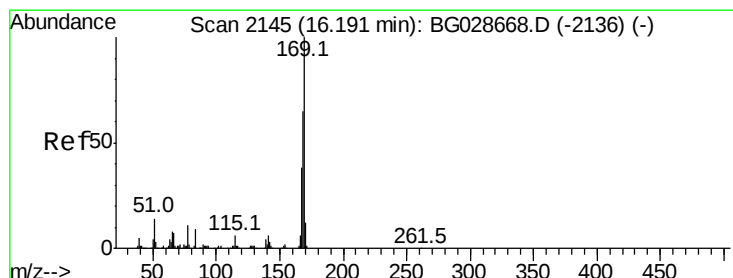
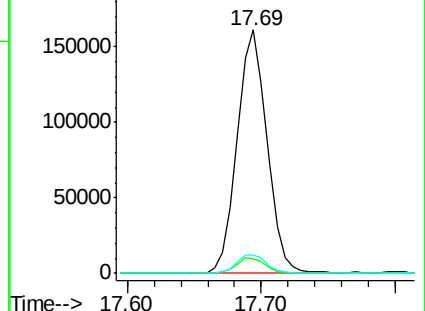
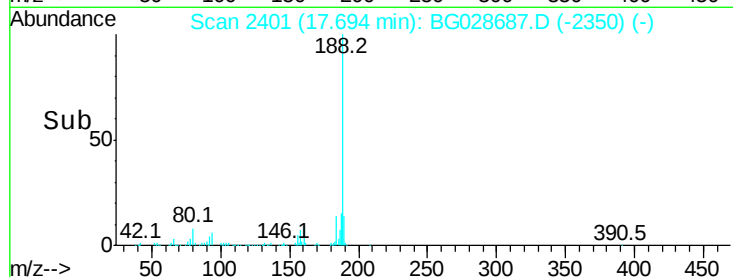
80 7.6 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

n-Nitrosodiphenylamine

Concen: 1.131 ng

RT: 16.43 min Scan# 2186

Delta R.T. 0.24 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

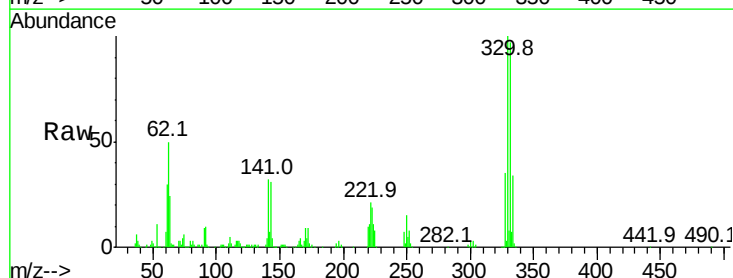
Tgt Ion:169 Resp: 8117

Ion Ratio Lower Upper

169 100

168 10.8 55.7 83.5#

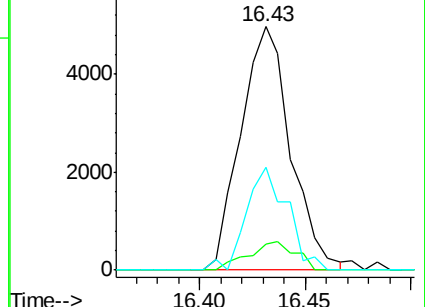
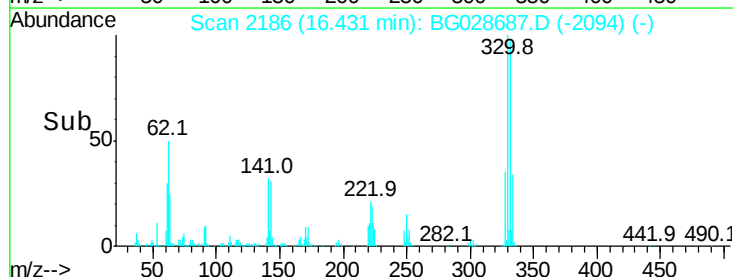
167 42.4 29.8 44.6

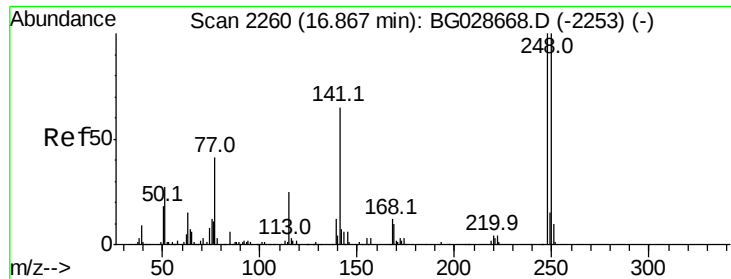


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

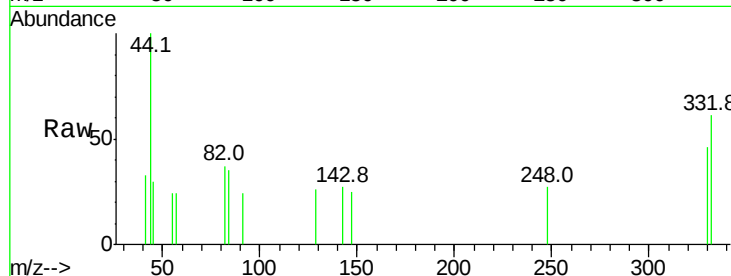




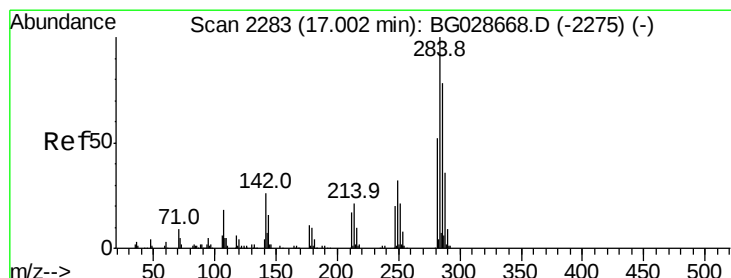
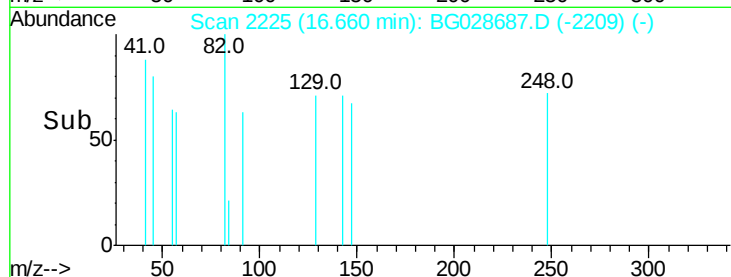
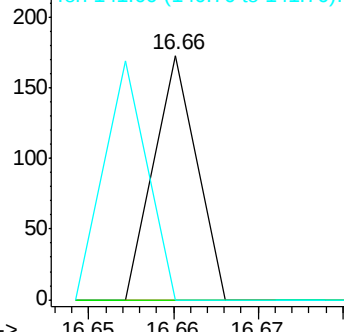
#66
 4-Bromophenyl-phenylether
 Concen: 0.019 ng
 RT: 16.66 min Scan# 2225
 Delta R.T. -0.21 min
 Lab File: BG028687.D
 Acq: 13 Sep 2017 2:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 61
 Ion Ratio Lower Upper
 248 100
 250 0.0 75.0 112.6#
 141 0.0 55.2 82.8#

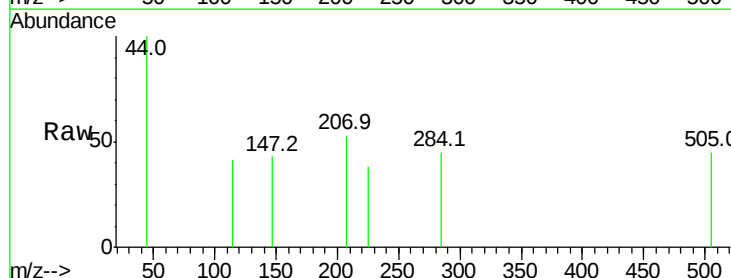


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

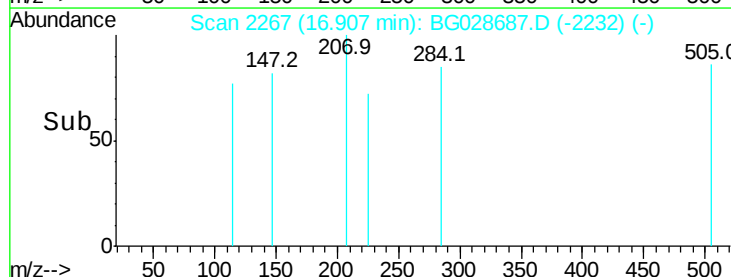
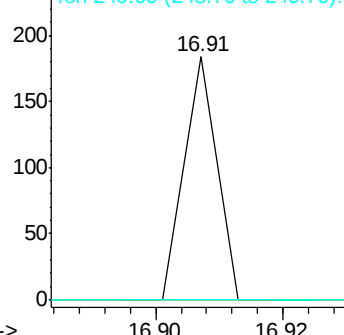


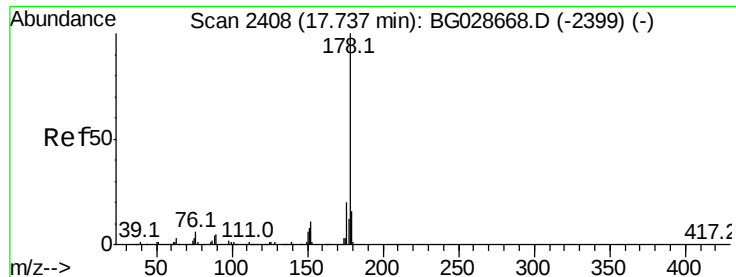
#67
 Hexachlorobenzene
 Concen: 0.018 ng
 RT: 16.91 min Scan# 2267
 Delta R.T. -0.10 min
 Lab File: BG028687.D
 Acq: 13 Sep 2017 2:25

Tgt Ion:284 Resp: 65
 Ion Ratio Lower Upper
 284 100
 142 0.0 29.9 44.9#
 249 0.0 29.2 43.8#



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#70

Phenanthrene

Concen: 0.004 ng

RT: 17.84 min Scan# 2425

Delta R.T. 0.10 min

Lab File: BG028687.D

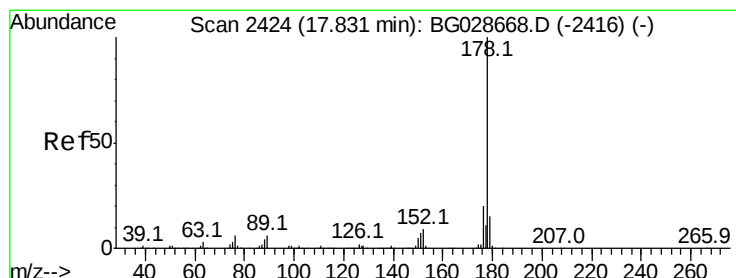
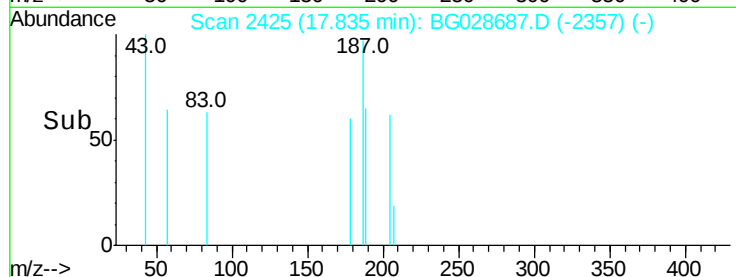
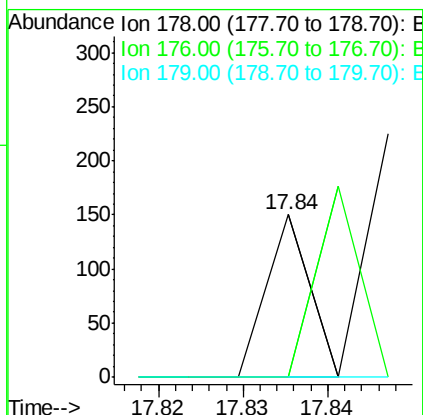
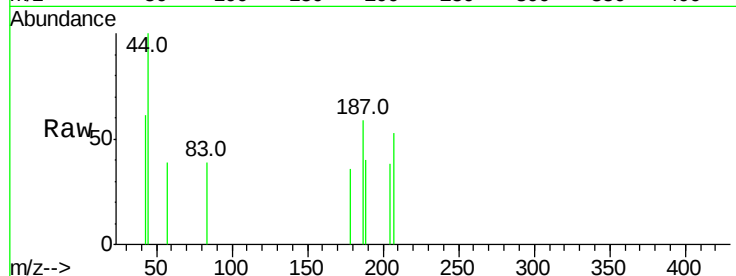
Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	0.0	17.7	26.5#
179	0.0	15.0	22.6#



#71

Anthracene

Concen: 0.004 ng

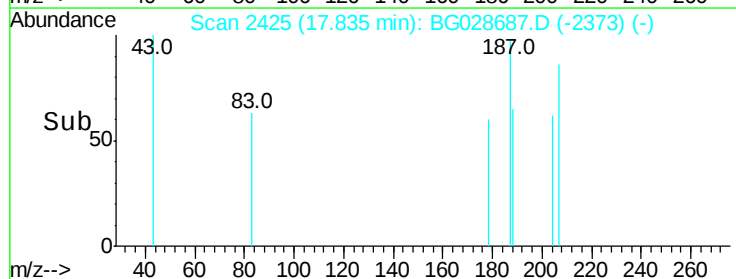
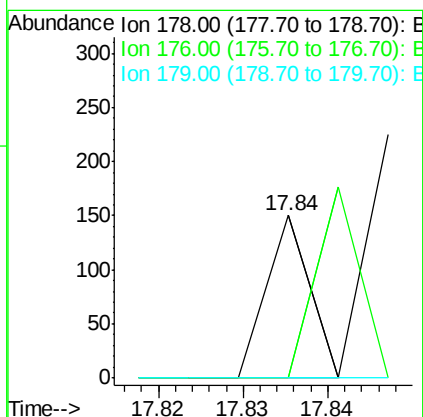
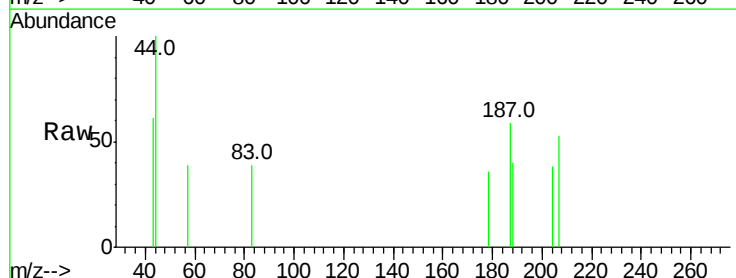
RT: 17.84 min Scan# 2425

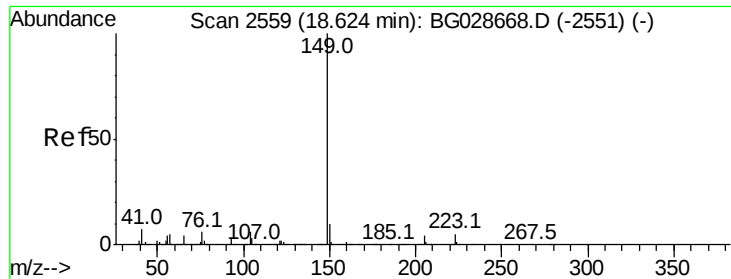
Delta R.T. 0.00 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

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

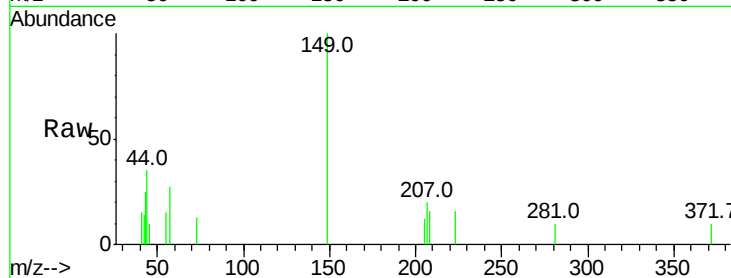




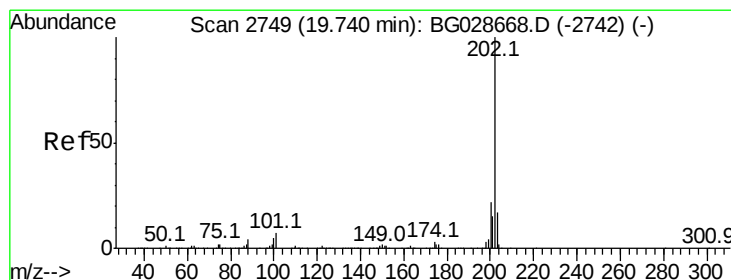
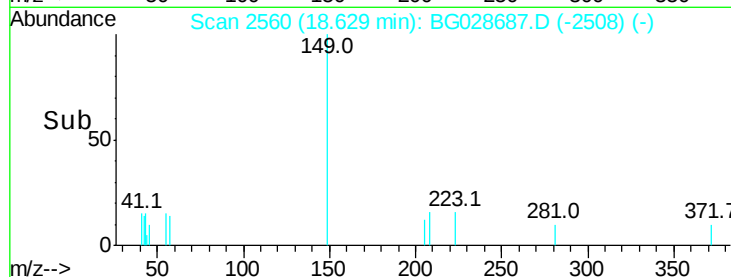
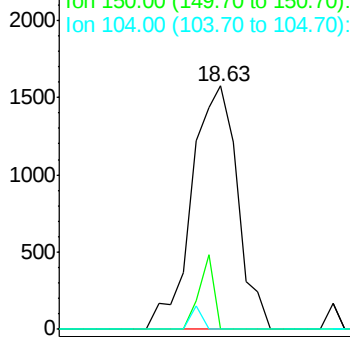
#73
Di-n-butylphthalate
Concen: 0.165 ng
RT: 18.63 min Scan# 2560
Delta R.T. 0.00 min
Lab File: BG028687.D
Acq: 13 Sep 2017 2:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 2361
Ion Ratio Lower Upper
149 100
150 0.0 9.1 13.7#
104 0.0 6.7 10.1#

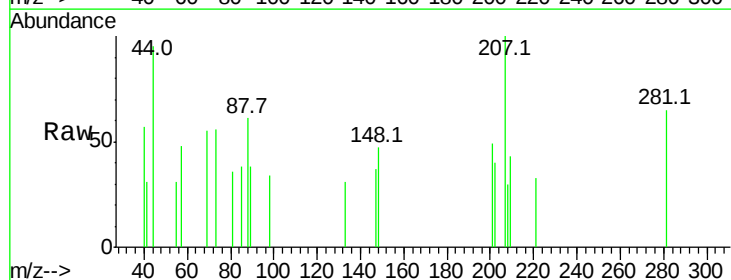


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

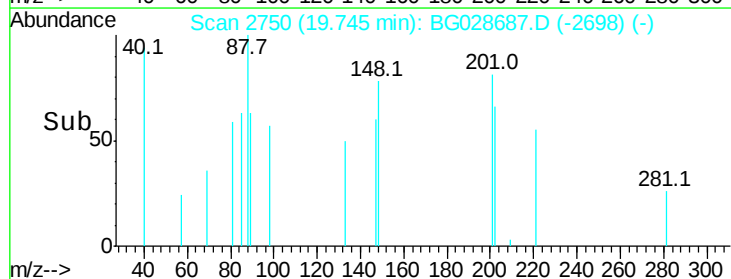
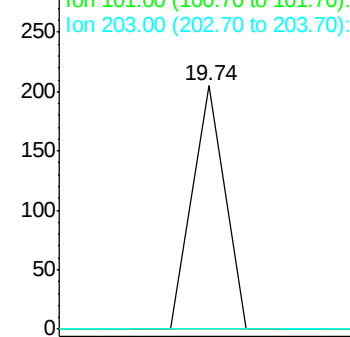


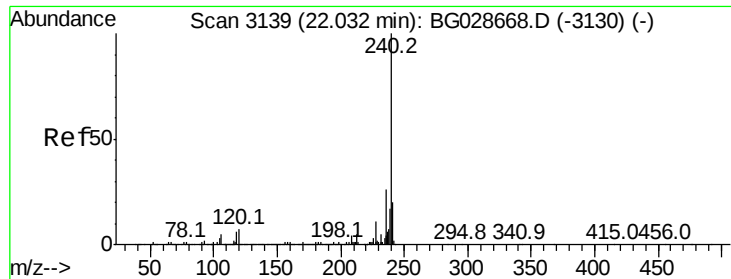
#74
Fluoranthene
Concen: 0.005 ng
RT: 19.74 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BG028687.D
Acq: 13 Sep 2017 2:25

Tgt Ion:202 Resp: 72
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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

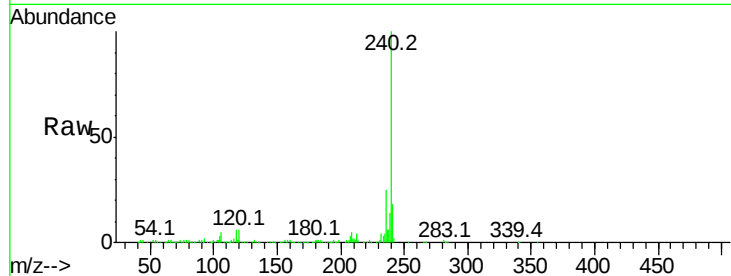
Tot Ion:240 Resp: 271049

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

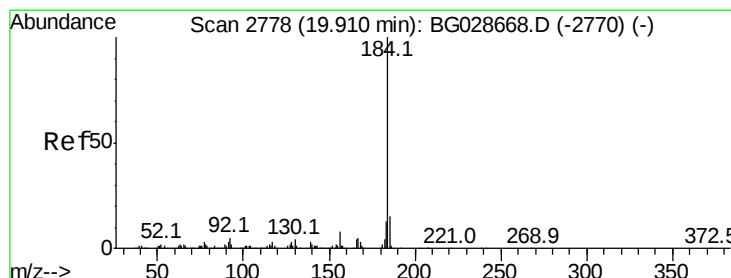
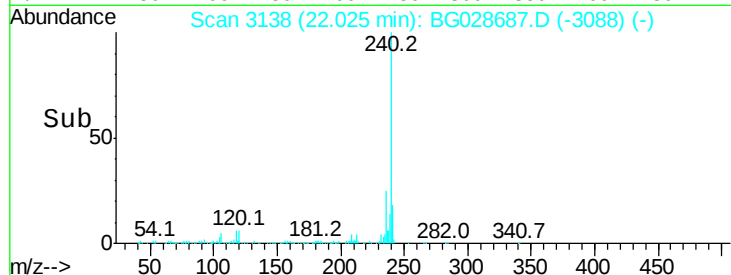
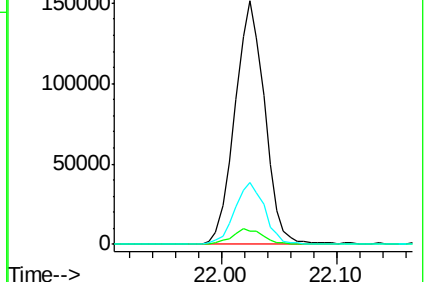
236 25.4 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.008 ng

RT: 19.67 min Scan# 2737

Delta R.T. -0.24 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

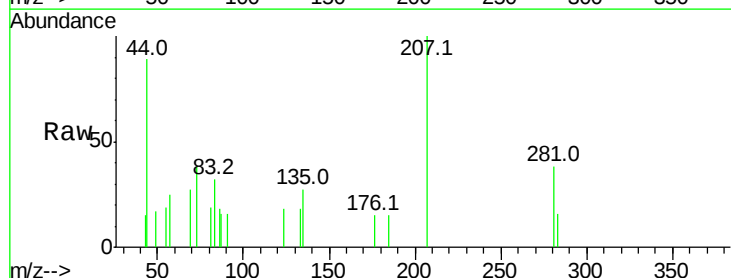
Tgt Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

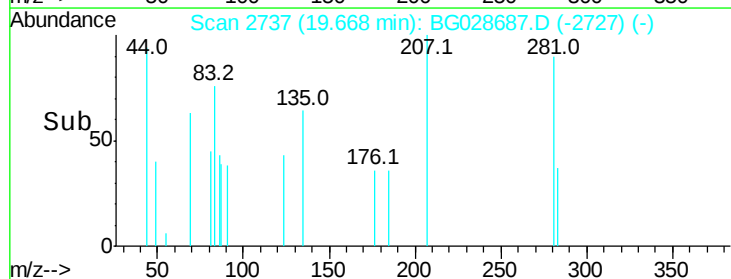
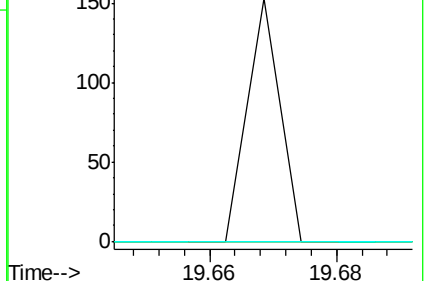
183 0.0 11.0 16.6#

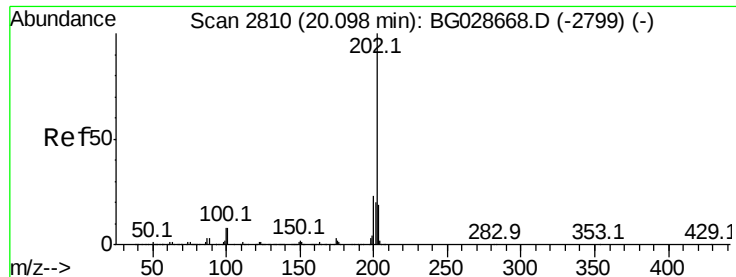


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.013 ng

RT: 20.10 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

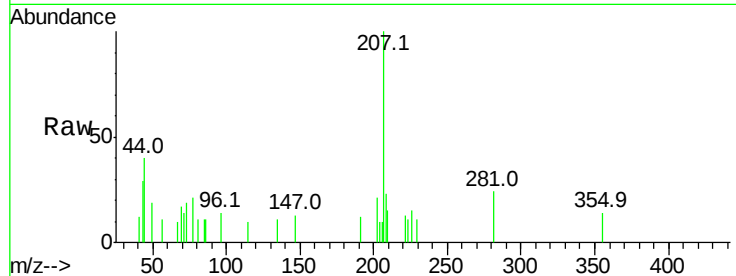
Tot Ion:202 Resp: 207

Ion Ratio Lower Upper

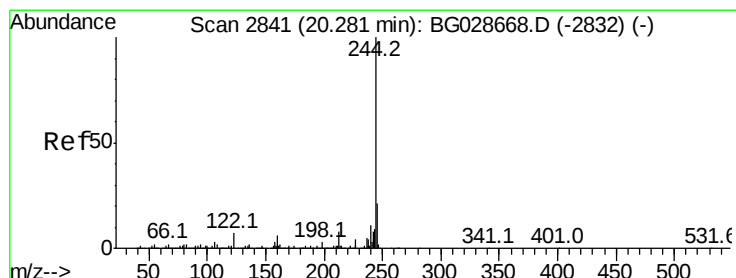
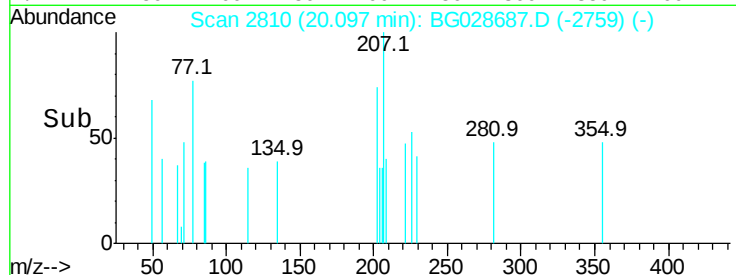
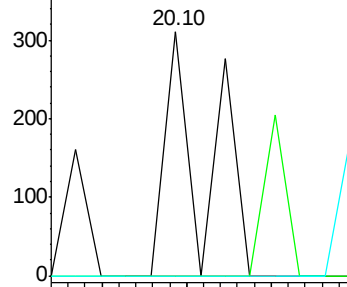
202 100

200 0.0 19.6 29.4#

203 0.0 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: 103.114 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

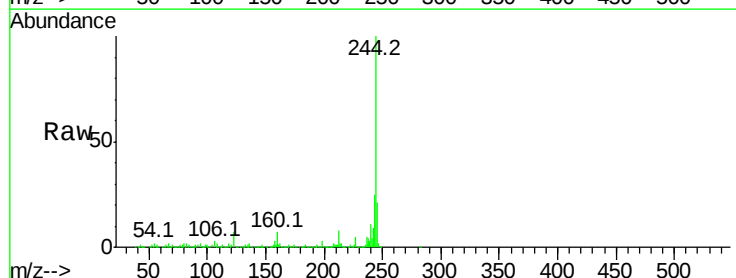
Tgt Ion:244 Resp: 1310576

Ion Ratio Lower Upper

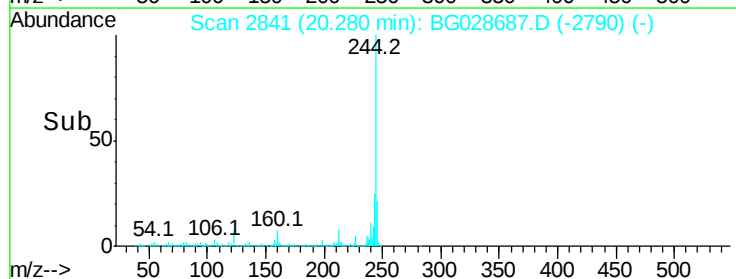
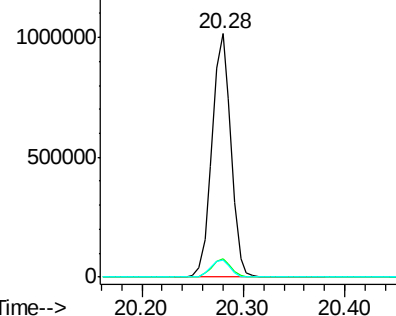
244 100

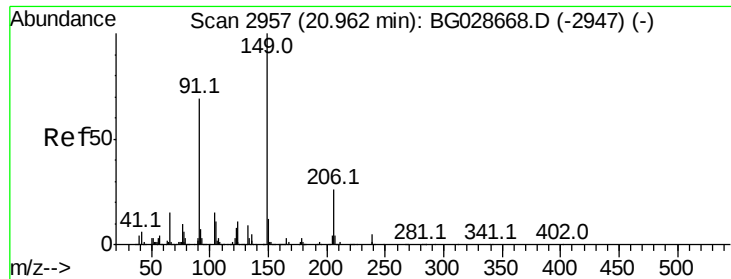
212 7.8 10.0 15.0#

122 7.0 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: 0.073 ng

RT: 20.97 min Scan# 2958

Delta R.T. 0.00 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampled :

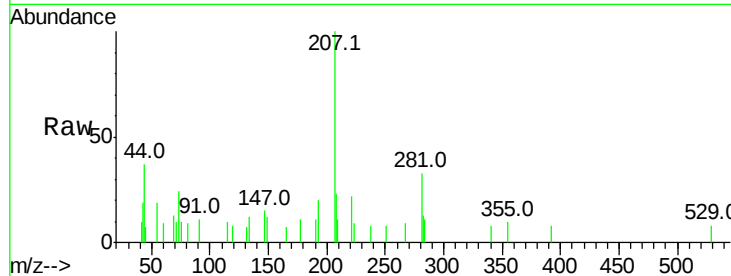
Tot Ion:149 Resp: 460

Ion Ratio Lower Upper

149 100

91 93.5 63.5 95.3

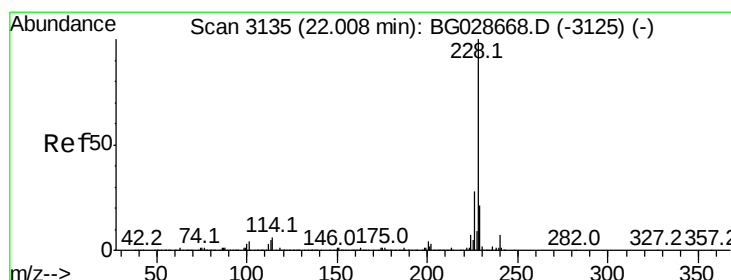
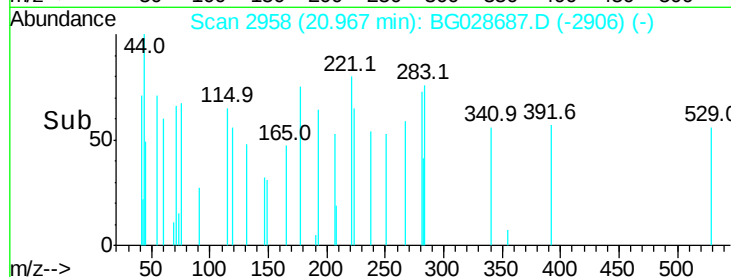
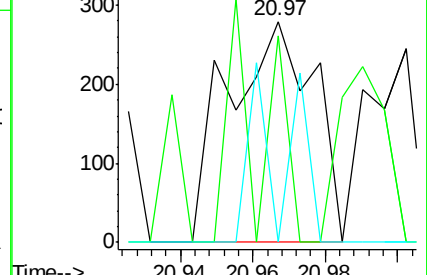
206 0.0 21.0 31.6#



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



#80

Benzo(a)anthracene

Concen: 0.065 ng

RT: 22.02 min Scan# 3138

Delta R.T. 0.02 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

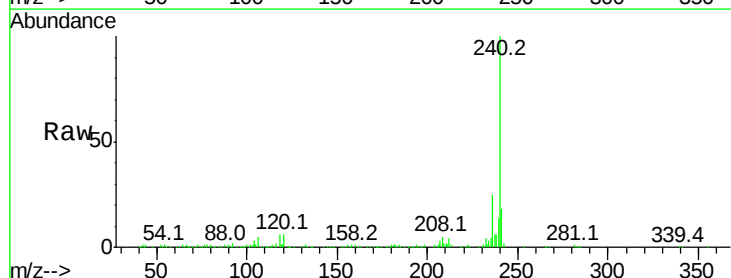
Tgt Ion:228 Resp: 1055

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

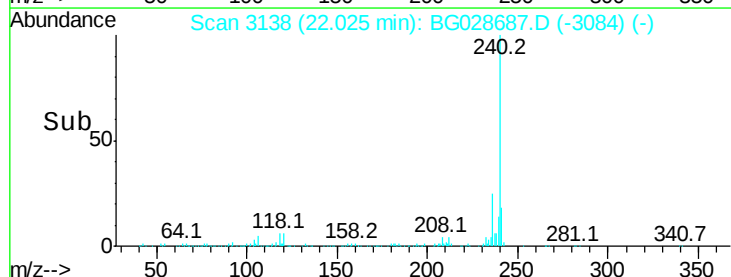
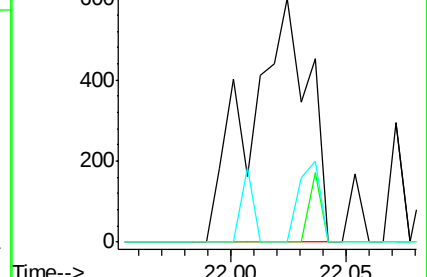
229 0.0 18.2 27.2#

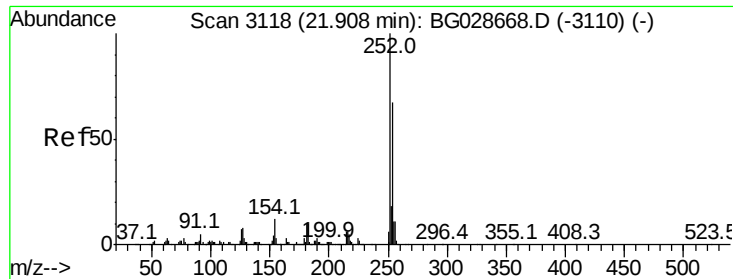


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

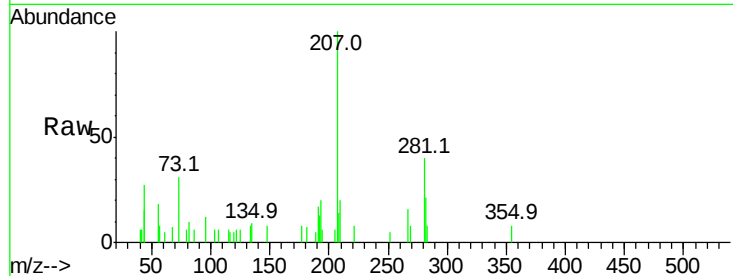




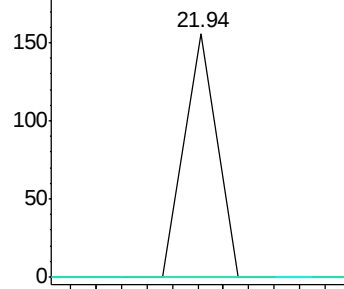
#81
 3,3'-Dichlorobenzidine
 Concen: 0.008 ng
 RT: 21.94 min Scan# 3123
 Delta R.T. 0.03 min
 Lab File: BG028687.D
 Acq: 13 Sep 2017 2:25

Instrument :
 BNA_G
 ClientSampled :

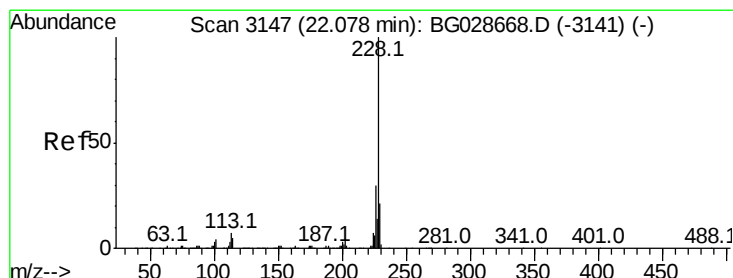
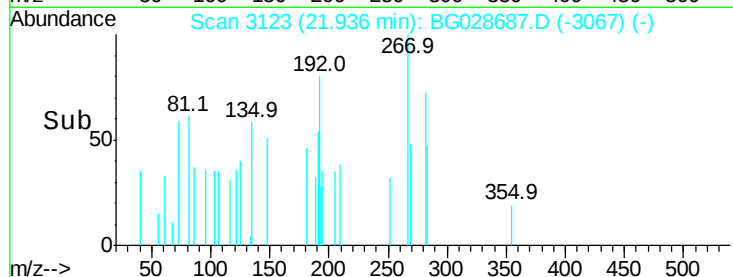
Tot Ion	Ratio	Lower	Upper
252	100		
254	0.0	53.1	79.7#
126	0.0	7.0	10.4#



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

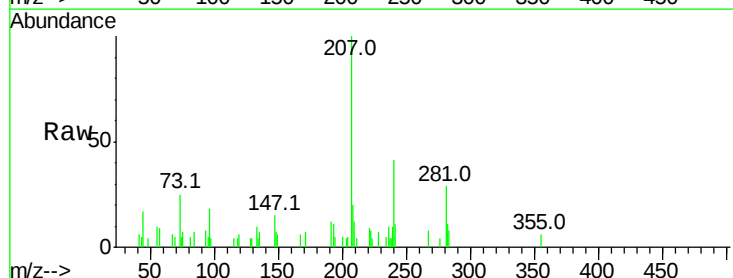


Time-->

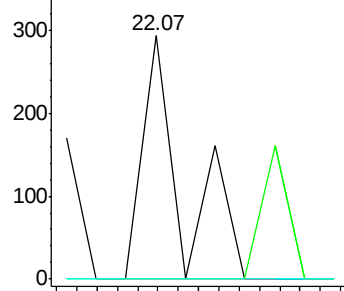


#82
 Chrysene
 Concen: 0.010 ng
 RT: 22.07 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG028687.D
 Acq: 13 Sep 2017 2:25

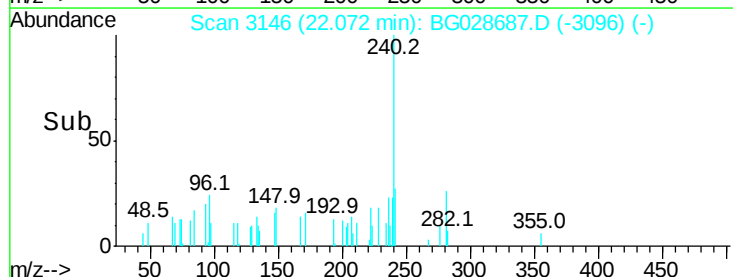
Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	27.0	40.4#
229	0.0	17.8	26.6#

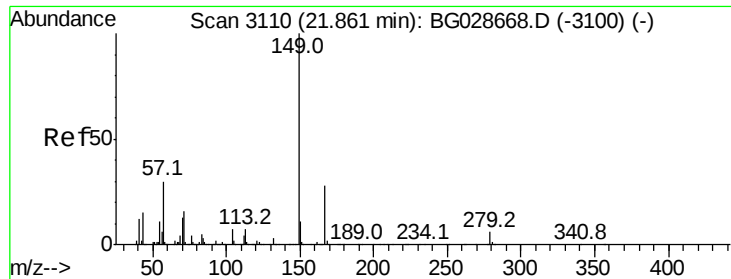


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time-->

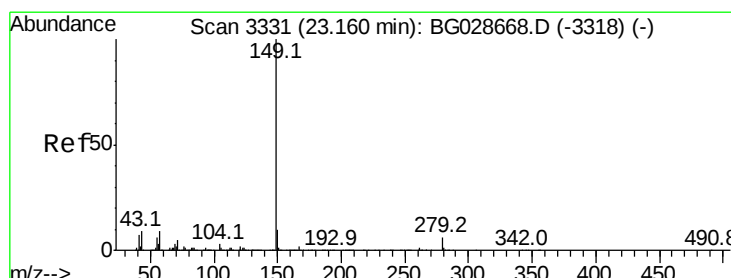
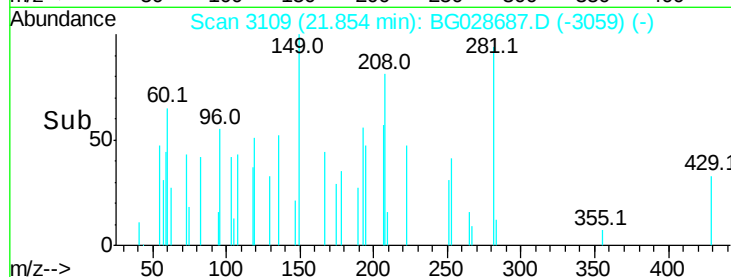
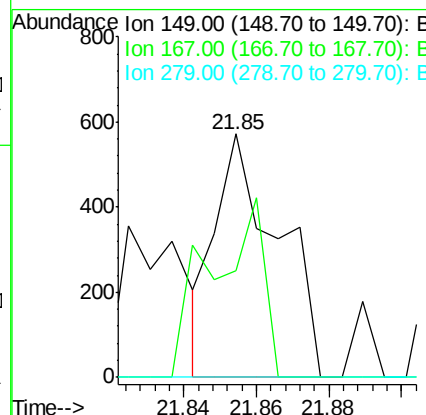
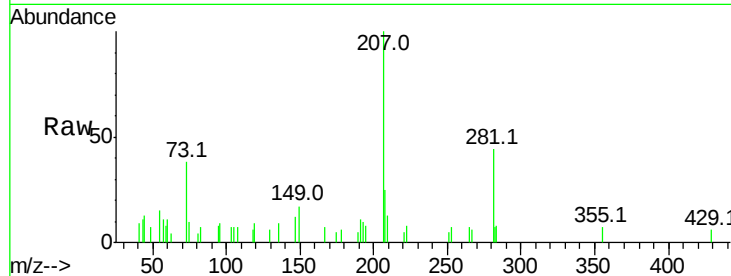




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.076 ng
 RT: 21.85 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BG028687.D
 Acq: 13 Sep 2017 2:25

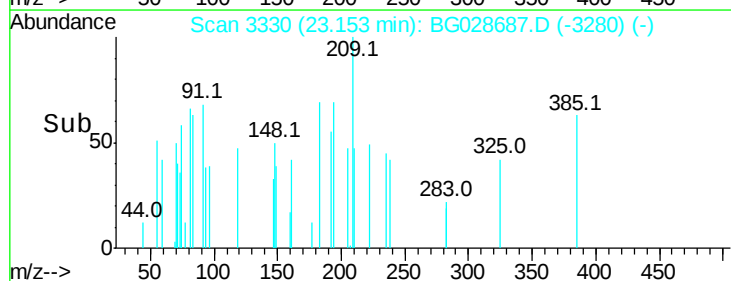
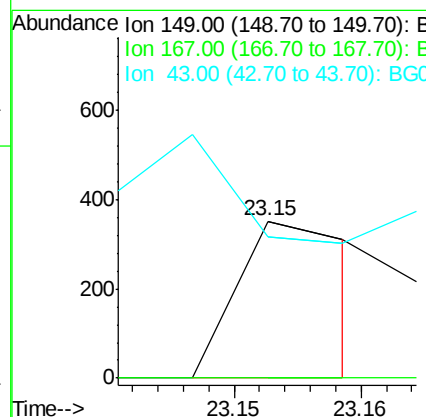
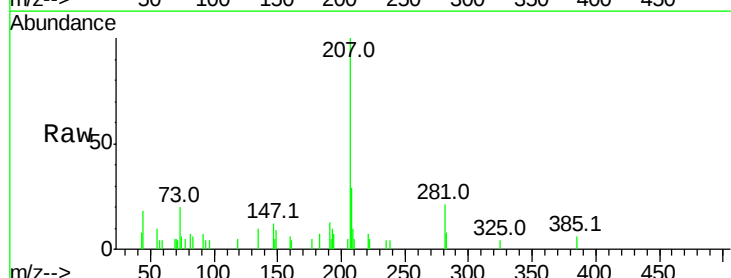
Instrument :
 BNA_G
 ClientSampleId :

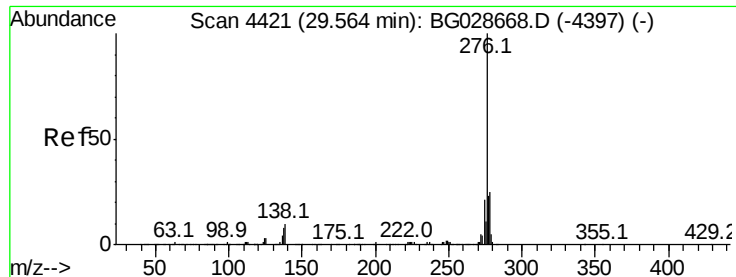
Tot Ion	Ratio	Lower	Upper
149	100		
167	43.9	23.7	35.5#
279	0.0	4.6	6.8#



#84
 Di-n-octyl phthalate
 Concen: 0.015 ng
 RT: 23.15 min Scan# 3330
 Delta R.T. -0.01 min
 Lab File: BG028687.D
 Acq: 13 Sep 2017 2:25

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





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.003 ng

RT: 29.65 min Scan# 4435

Delta R.T. 0.08 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

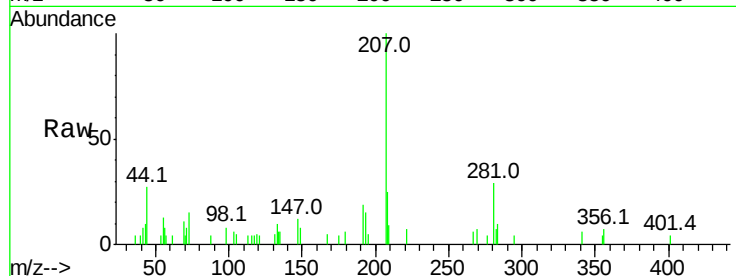
Tot Ion:276 Resp: 63

Ion Ratio Lower Upper

276 100

138 0.0 4.7 7.1#

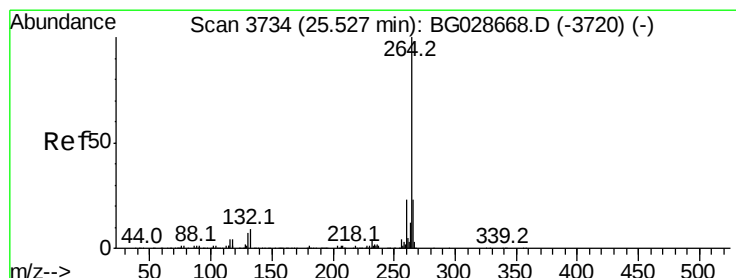
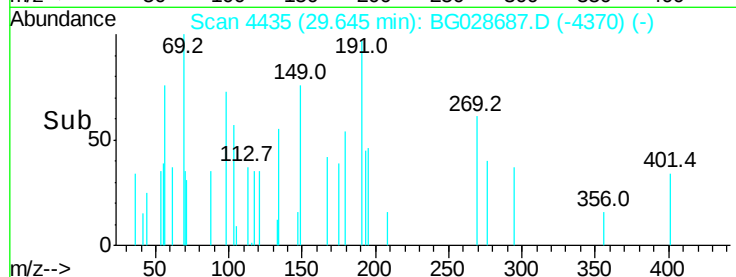
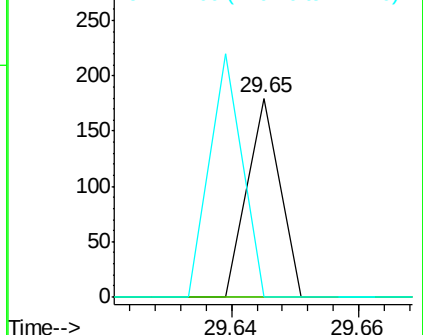
277 123.8 20.6 31.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.53 min Scan# 3734

Delta R.T. -0.00 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

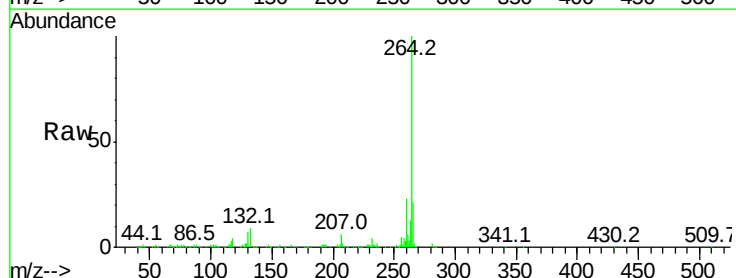
Tgt Ion:264 Resp: 280644

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

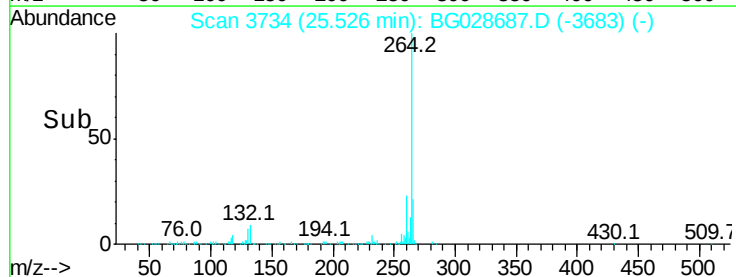
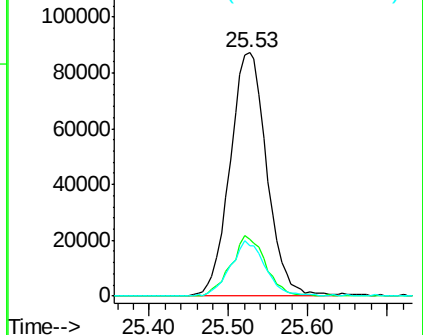
265 20.7 18.2 27.4

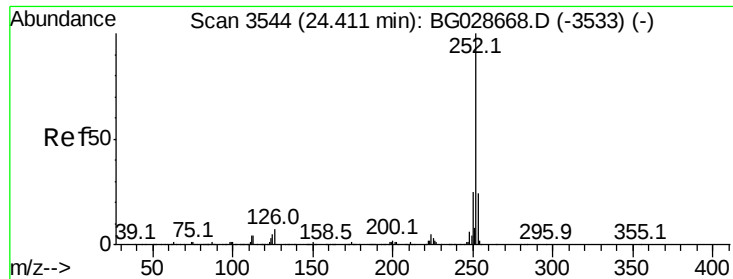


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.017 ng

RT: 24.42 min Scan# 3546

Delta R.T. 0.01 min

Lab File: BG028687.D

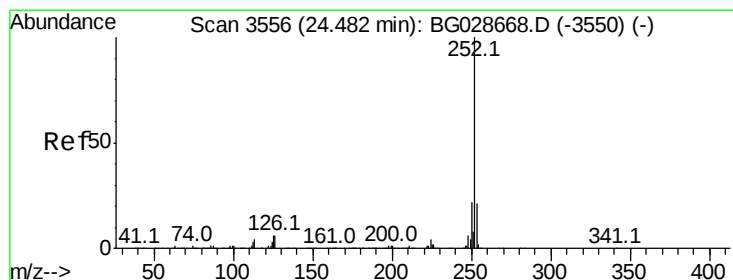
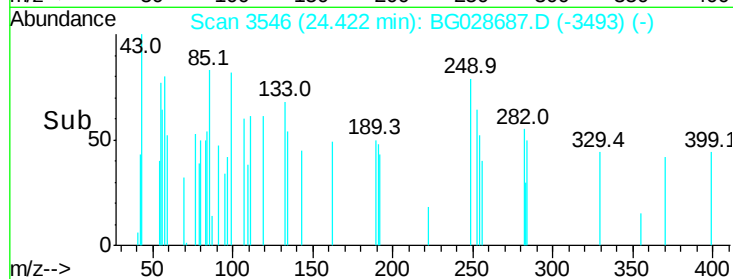
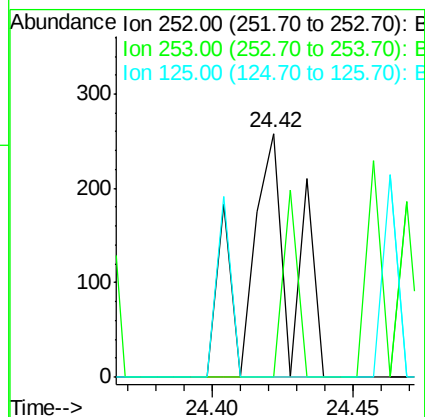
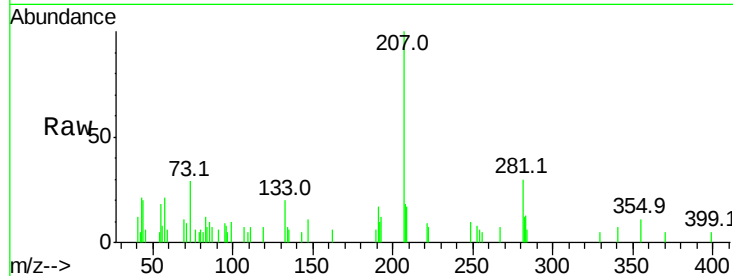
Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	291
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: 0.016 ng

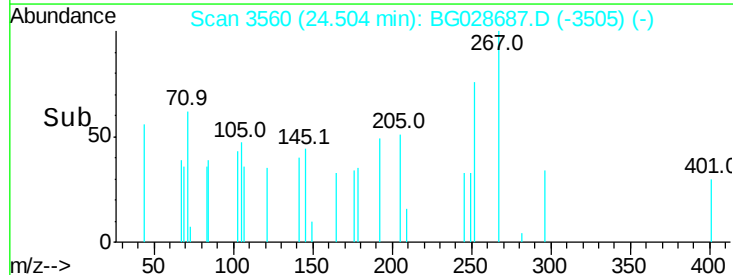
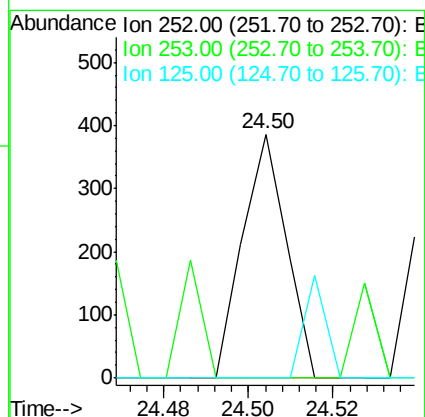
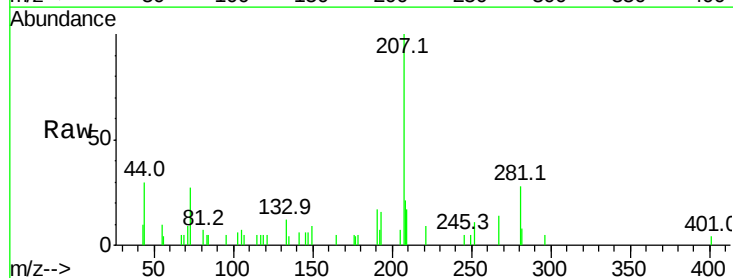
RT: 24.50 min Scan# 3560

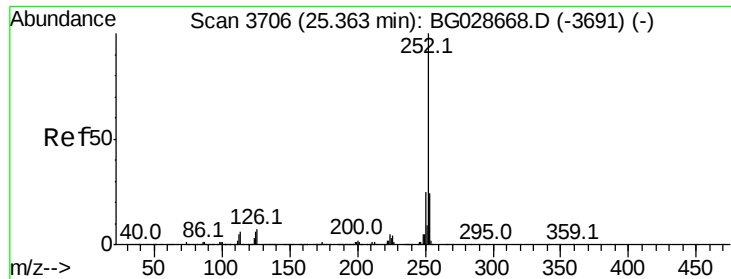
Delta R.T. 0.02 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Tgt Ion:	252	Resp:	276
Ion	Ratio	Lower	Upper
252	100		
253	0.0	20.2	30.2#
125	0.0	5.1	7.7#

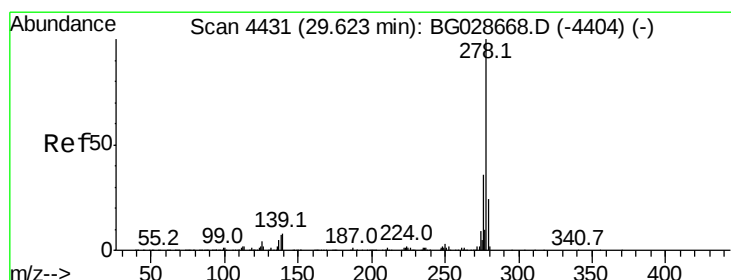
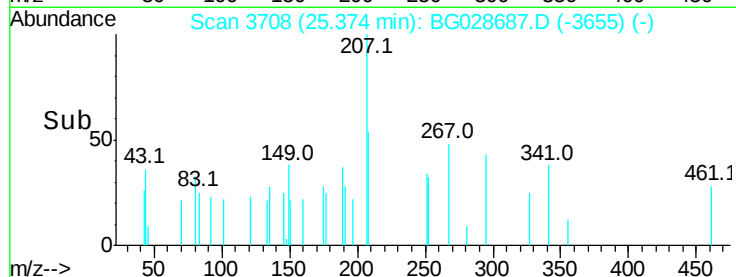
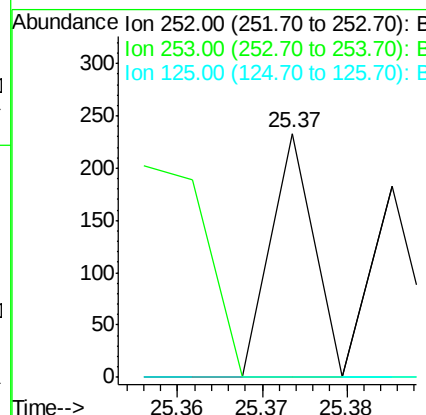
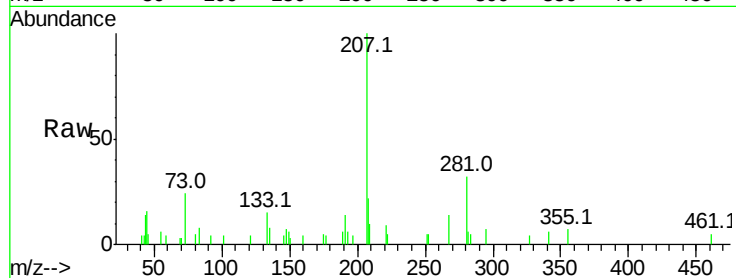




#89
Benzo(a)pyrene
Concen: 0.005 ng
RT: 25.37 min Scan# 3708
Delta R.T. 0.01 min
Lab File: BG028687.D
Acq: 13 Sep 2017 2:25

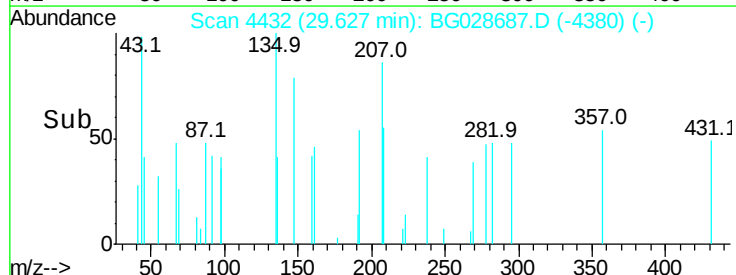
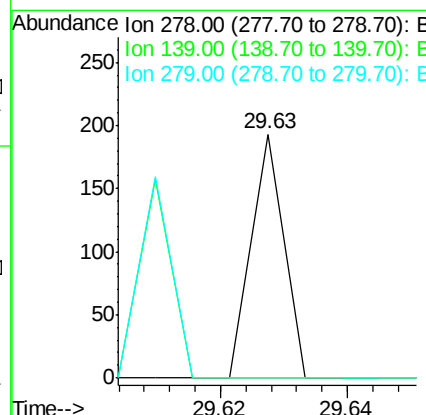
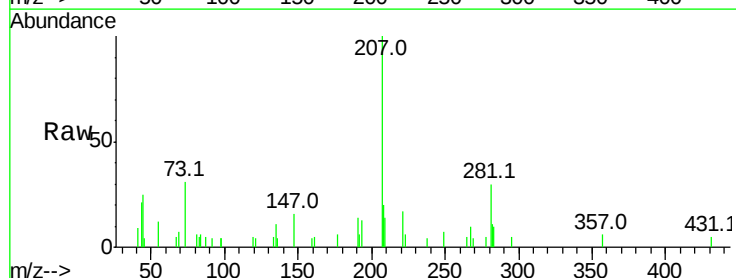
Instrument :
BNA_G
ClientSampleId :

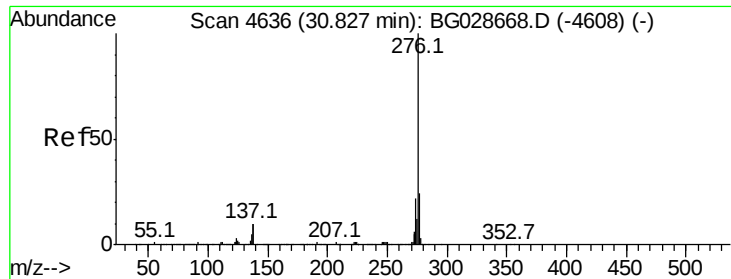
Tot Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.2	28.8#
125	0.0	5.4	8.0#



#90
Dibenzo(a,h)anthracene
Concen: 0.004 ng
RT: 29.63 min Scan# 4432
Delta R.T. 0.00 min
Lab File: BG028687.D
Acq: 13 Sep 2017 2:25

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





#91

Benzo(a,h,i)perylene

Concen: 0.007 ng

RT: 30.88 min Scan# 4646

Delta R.T. 0.06 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 276 Resp: 107

Ion Ratio Lower Upper

276 100

277 0.0 18.6 27.8#

138 0.0 8.1 12.1#

