

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062117\
 Data File : BG027567.D
 Acq On : 21 Jun 2017 19:28
 Operator : SJ/JU
 Sample : PB99940BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 02:27:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	20619	20.00	ng	0.00
21) Naphthalene-d8	11.33	136	94540	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	57608	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	180264	20.00	ng	0.00
75) Chrysene-d12	22.21	240	217870	20.00	ng	0.00
86) Perylene-d12	25.85	264	204107	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	204138	140.91	ng	0.00
7) Phenol-d6	7.64	99	276800	129.06	ng	0.00
23) Nitrobenzene-d5	9.67	82	171687	85.93	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	125150	145.72	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	363448	86.18	ng	0.00
78) Terphenyl-d14	20.42	244	853413	92.29	ng	0.00

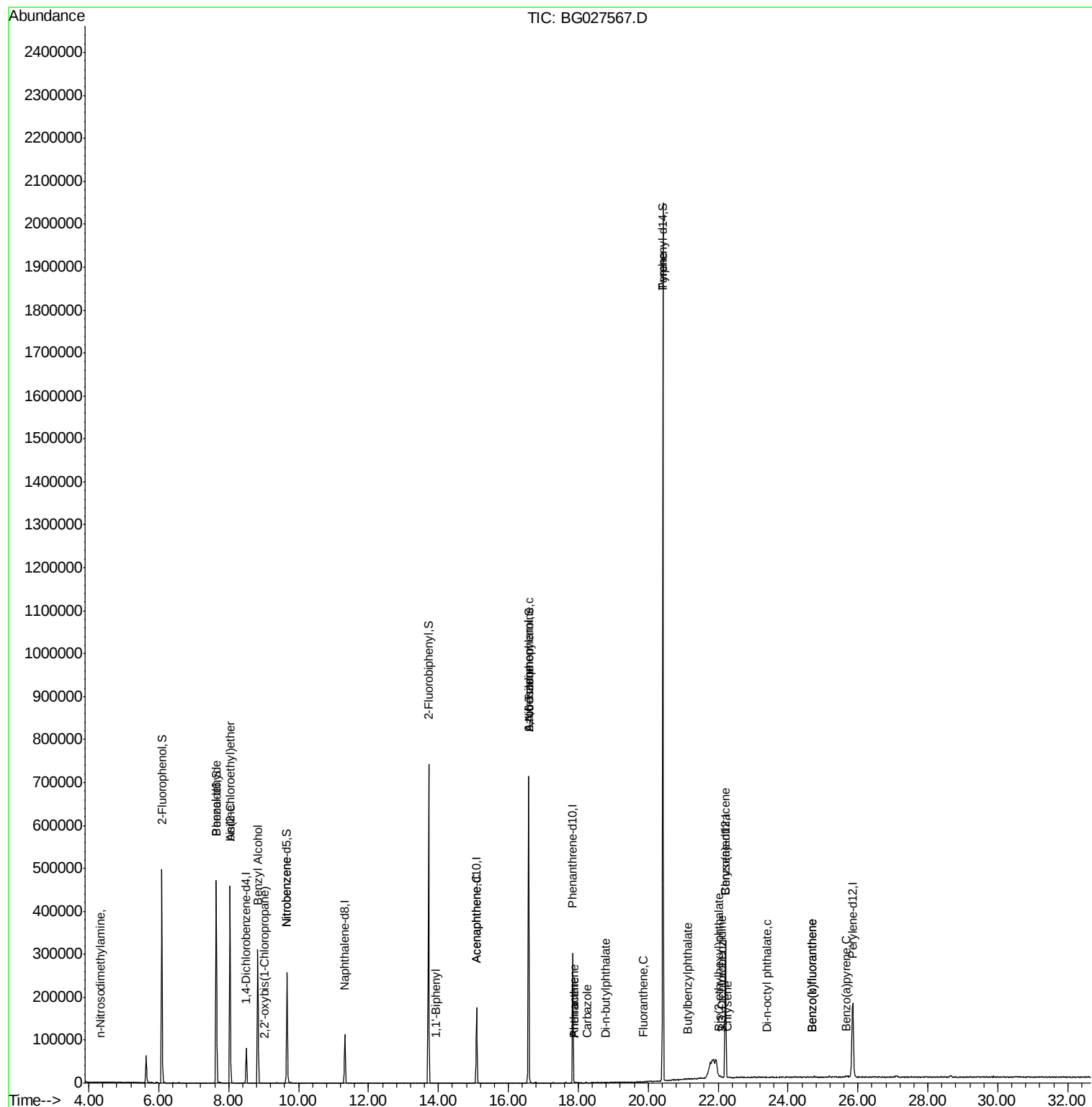
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	4.34	42	70	0.08	ng	# 1
6) Aniline	8.05	93	357	0.14	ng	# 1
9) Benzaldehyde	7.65	77	501	0.34	ng	# 10
11) bis(2-Chloroethyl)ether	8.05	93	357	0.21	ng	# 1
15) Benzyl Alcohol	8.83	79	3110	1.82	ng	# 50
16) 2,2'-oxybis(1-Chloropropan	9.03	45	72	0.03	ng	74
24) Nitrobenzene	9.67	77	483	0.22	ng	# 49
45) 1,1'-Biphenyl	13.93	154	437	0.09	ng	92
51) Acenaphthene	15.09	154	75	0.02	ng	# 6
62) Azobenzene	16.57	77	897	0.16	ng	# 12
65) n-Nitrosodiphenylamine	16.57	169	5162	0.93	ng	# 51
70) Phenanthrene	17.88	178	54	0.01	ng	# 56
71) Anthracene	17.88	178	54	0.01	ng	# 58
72) Carbazole	18.25	167	60	0.01	ng	# 55
73) Di-n-butylphthalate	18.77	149	319	0.03	ng	# 73
74) Fluoranthene	19.88	202	88	0.01	ng	# 61
77) Pyrene	20.42	202	3429	0.26	ng	# 68
79) Butylbenzylphthalate	21.12	149	53	0.01	ng	# 19
80) Benzo(a)anthracene	22.21	228	825	0.06	ng	# 47
81) 3,3'-Dichlorobenzidine	22.09	252	122	0.03	ng	# 24
82) Chrysene	22.26	228	135	0.01	ng	# 46
83) Bis(2-ethylhexyl)phthalate	22.04	149	830	0.10	ng	# 96
84) Di-n-octyl phthalate	23.39	149	351	0.03	ng	# 1
87) Benzo(b)fluoranthene	24.68	252	198	0.02	ng	# 58
88) Benzo(k)fluoranthene	24.68	252	198	0.02	ng	# 56
89) Benzo(a)pyrene	25.67	252	69	0.01	ng	# 58

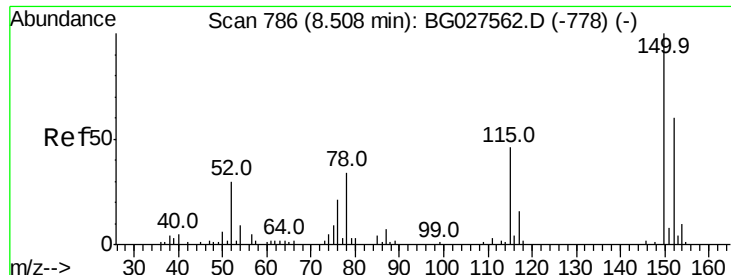
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.51 min Scan# 786

Delta R.T. -0.00 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

Instrument :

BNA_G

ClientSampled :

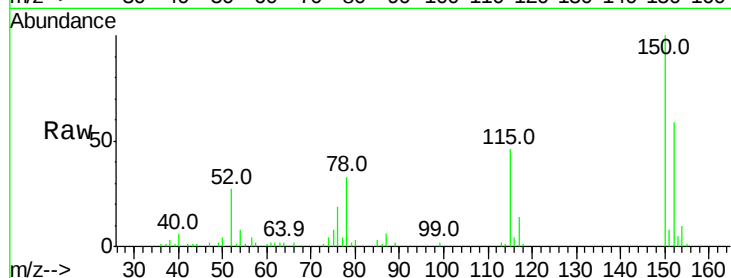
Tot Ion:152 Resp: 20619

Ion Ratio Lower Upper

152 100

150 170.8 114.0 171.0

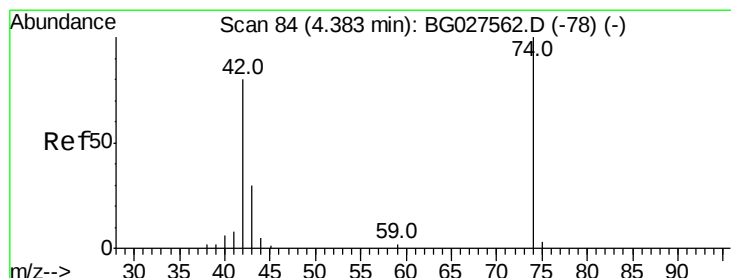
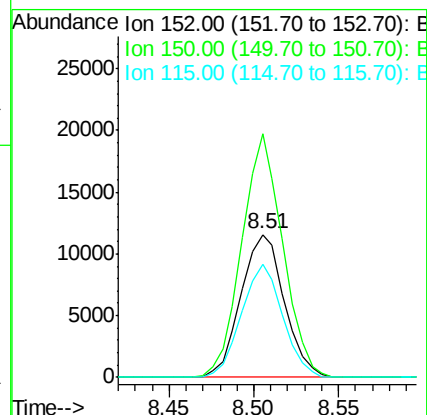
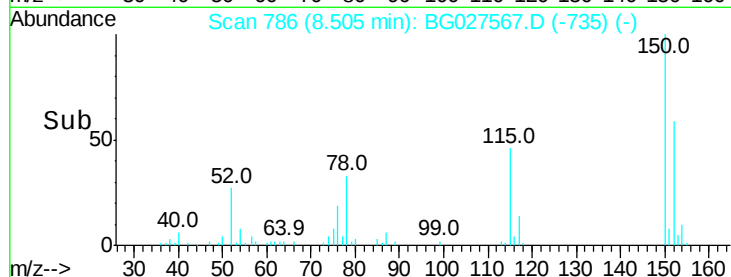
115 79.2 48.1 72.1#



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



#4

n-Nitrosodimethylamine

Concen: 0.08 ng

RT: 4.34 min Scan# 77

Delta R.T. -0.04 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

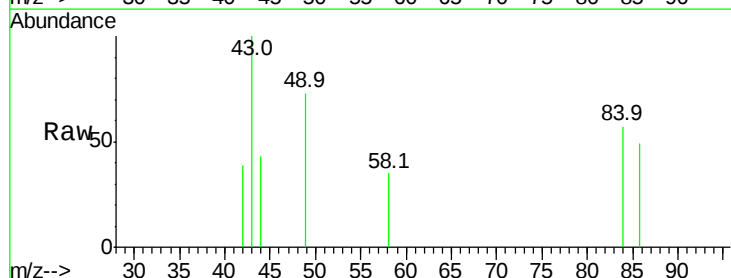
Tgt Ion: 42 Resp: 70

Ion Ratio Lower Upper

42 100

74 0.0 76.7 115.1#

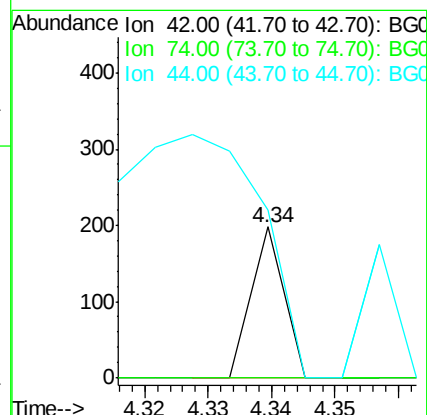
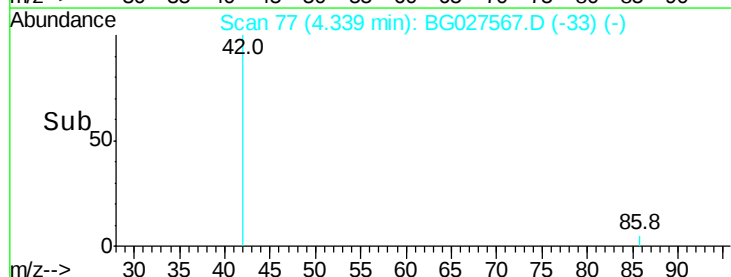
44 111.6 6.1 9.1#

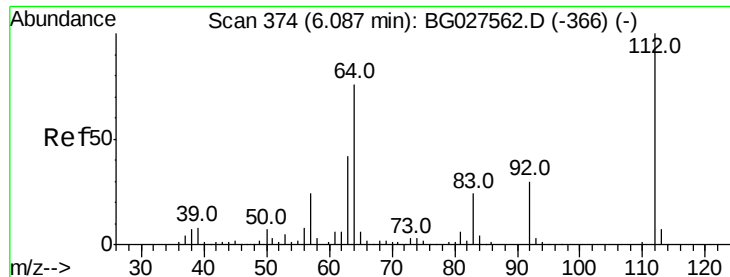


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 140.91 ng

RT: 6.09 min Scan# 375

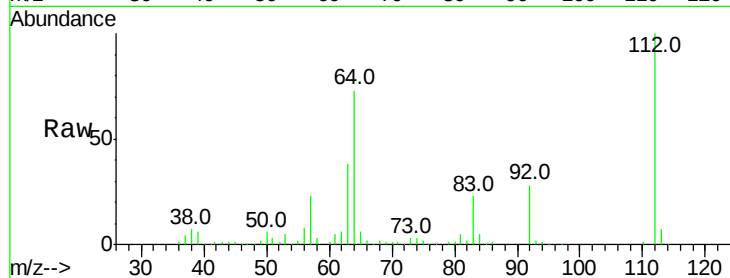
Delta R.T. 0.00 min

Lab File: BG027567.D

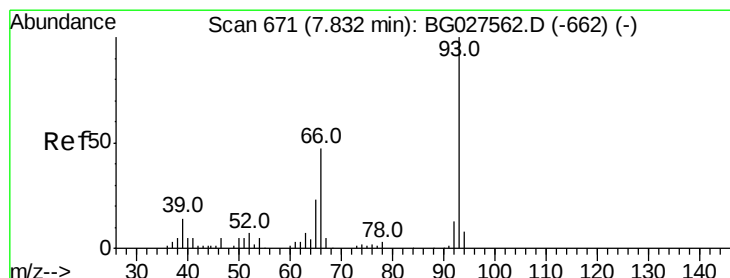
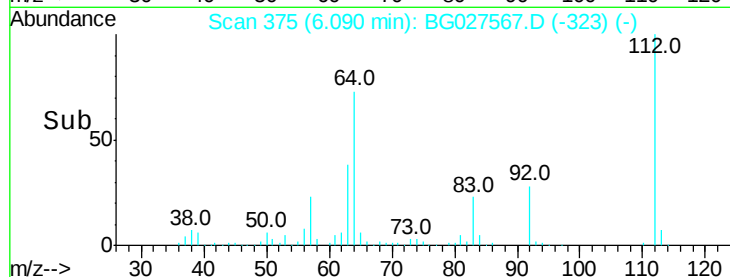
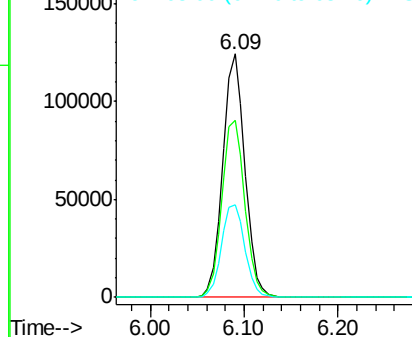
Acq: 21 Jun 2017 19:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	112	Resp:	204138
Ion	Ratio	Lower	Upper
112	100		
64	72.9	61.8	92.6
63	38.2	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: 0.14 ng

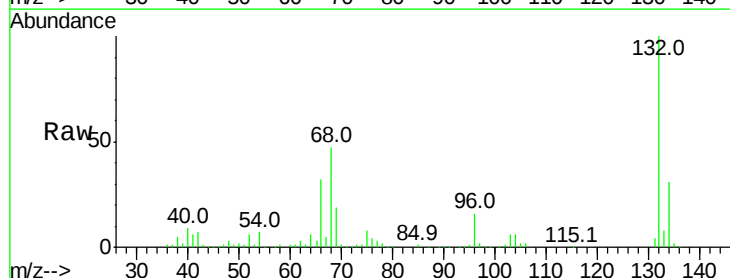
RT: 8.05 min Scan# 708

Delta R.T. 0.21 min

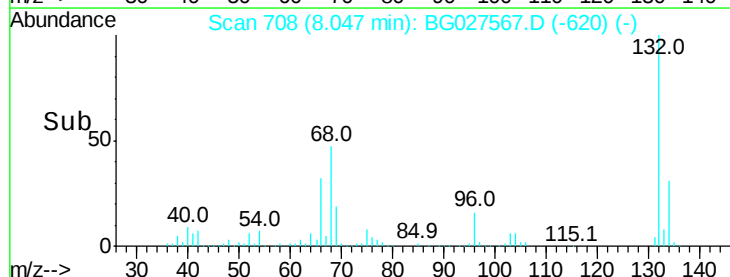
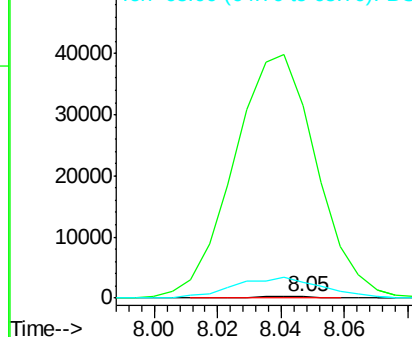
Lab File: BG027567.D

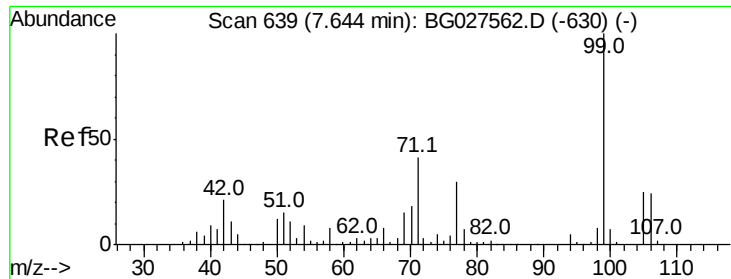
Acq: 21 Jun 2017 19:28

Tgt Ion:	93	Resp:	357
Ion	Ratio	Lower	Upper
93	100		
66	12826.1	35.4	53.2#
65	1072.7	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: 129.06 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

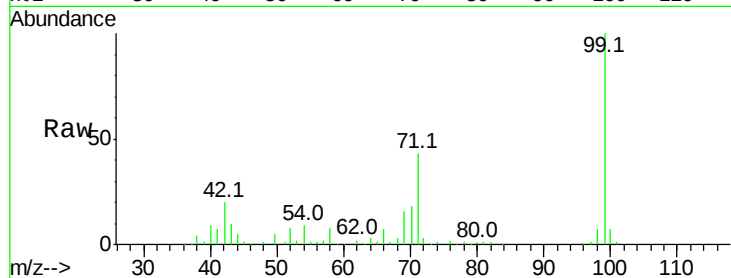
Tot Ion: 99 Resp: 276800

Ion Ratio Lower Upper

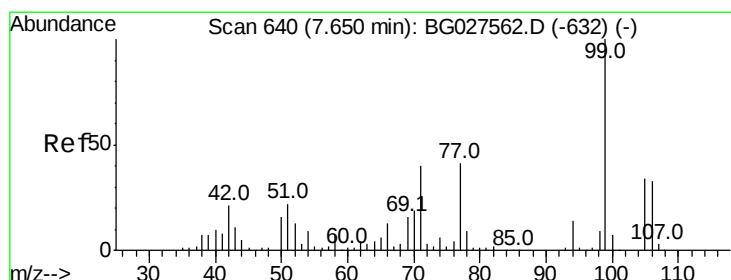
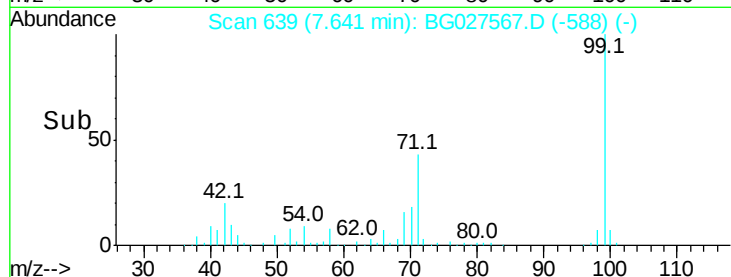
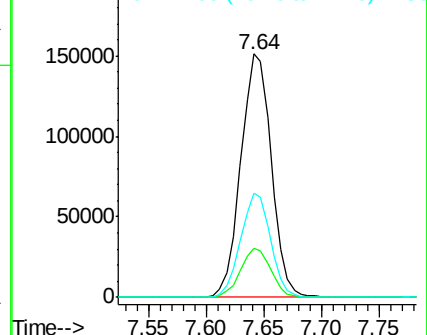
99 100

42 20.0 20.5 30.7#

71 42.7 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



#9

Benzaldehyde

Concen: 0.34 ng

RT: 7.65 min Scan# 640

Delta R.T. -0.00 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

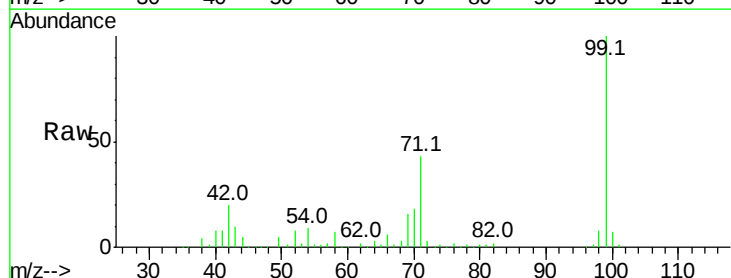
Tgt Ion: 77 Resp: 501

Ion Ratio Lower Upper

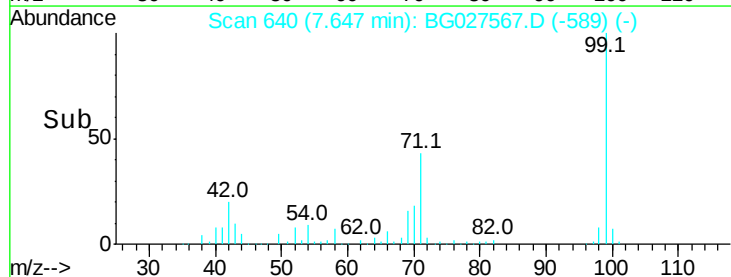
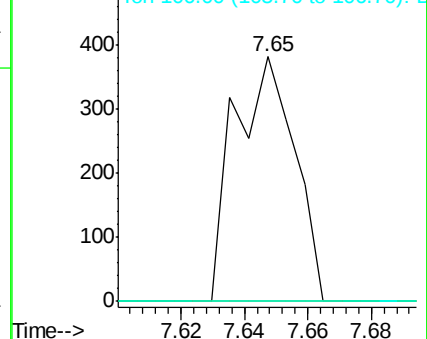
77 100

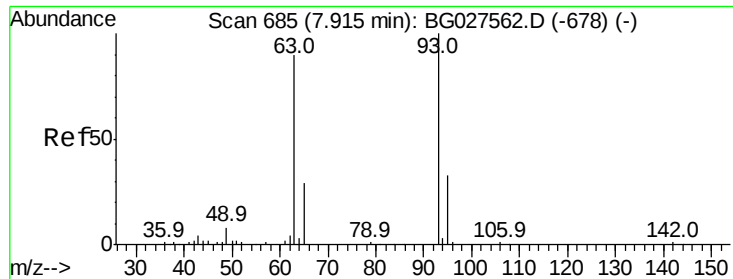
105 0.0 60.9 100.9#

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

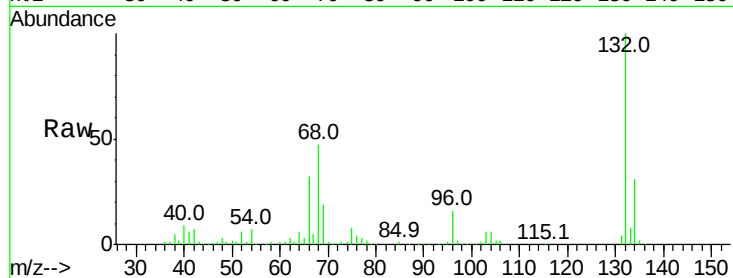




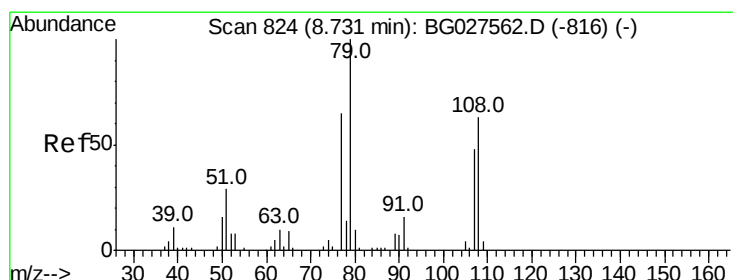
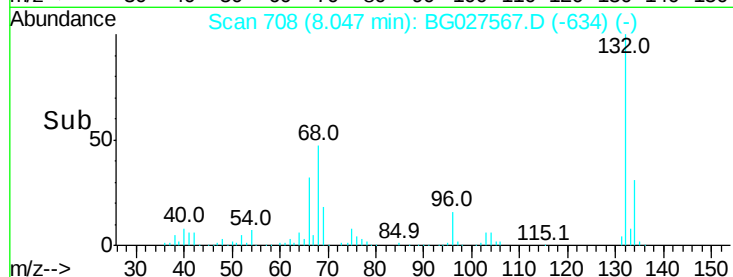
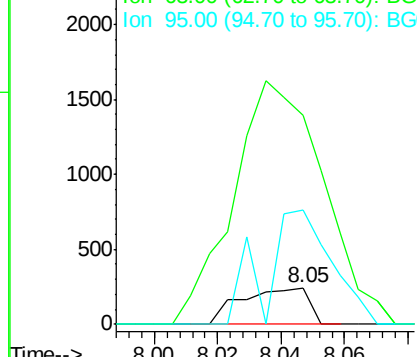
#11
bis(2-Chloroethyl)ether
Concen: 0.21 ng
RT: 8.05 min Scan# 708
Delta R.T. 0.13 min
Lab File: BG027567.D
Acq: 21 Jun 2017 19:28

Instrument :
BNA_G
ClientSampled :

Tot Ion: 93 Resp: 357
Ion Ratio Lower Upper
93 100
63 568.2 78.5 118.5#
95 310.2 9.8 49.8#

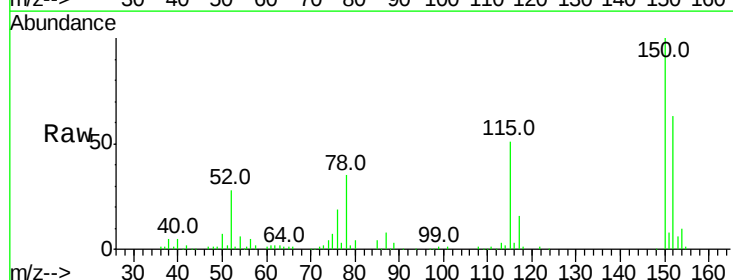


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

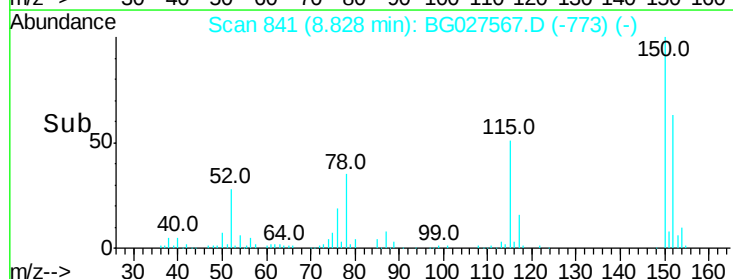
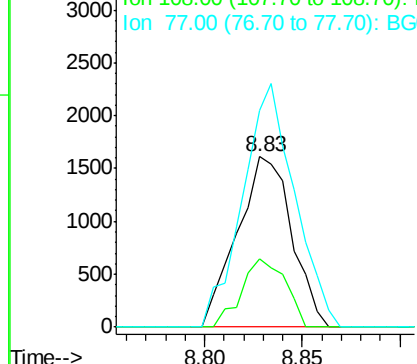


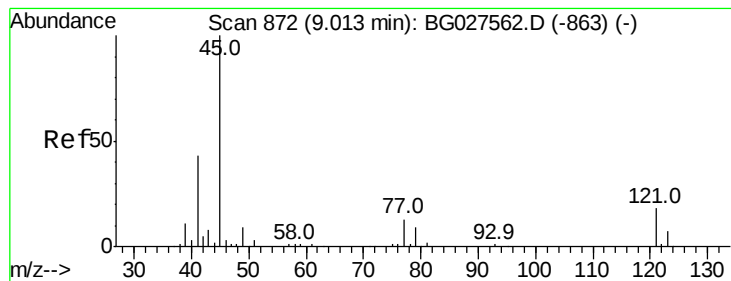
#15
Benzyl Alcohol
Concen: 1.82 ng
RT: 8.83 min Scan# 841
Delta R.T. 0.10 min
Lab File: BG027567.D
Acq: 21 Jun 2017 19:28

Tgt Ion: 79 Resp: 3110
Ion Ratio Lower Upper
79 100
108 40.3 45.5 68.3#
77 126.9 54.3 81.5#



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





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 0.03 ng

RT: 9.03 min Scan# 875

Delta R.T. 0.01 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

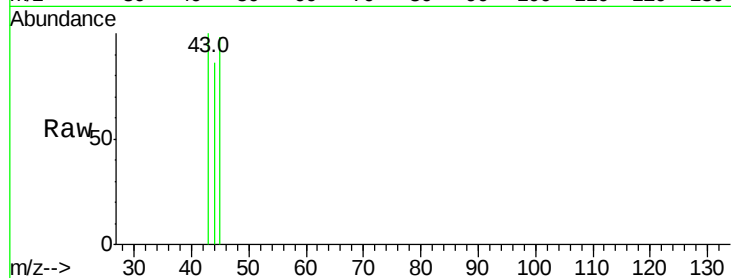
Tot Ion: 45 Resp: 72

Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.6

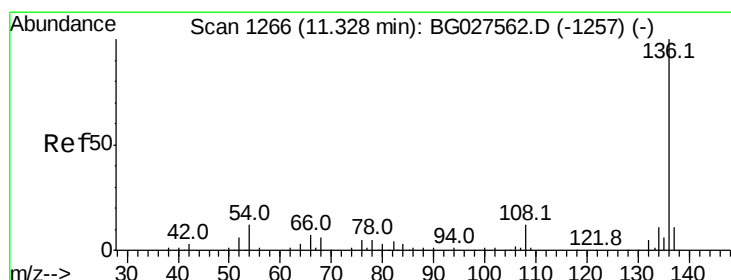
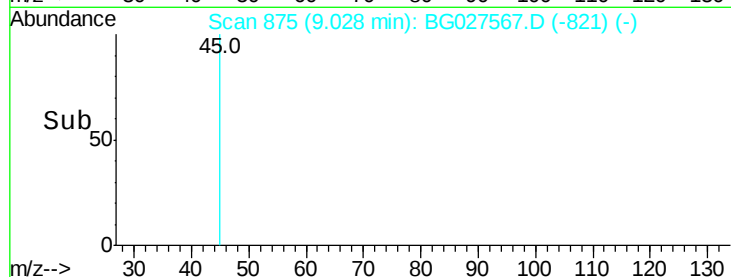
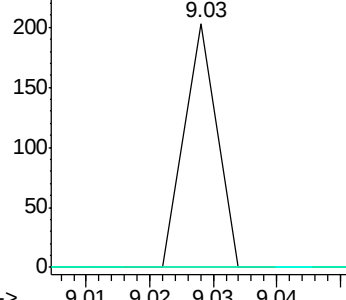
79 0.0 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.33 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

Tgt Ion: 136 Resp: 94540

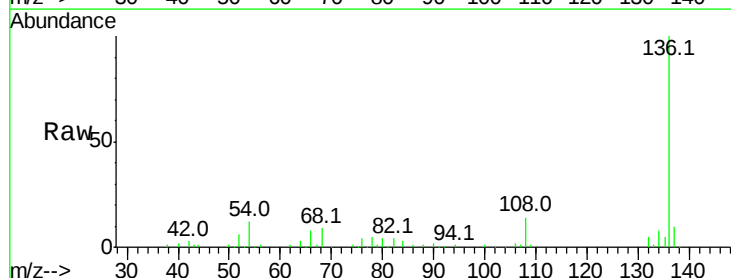
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 11.9 9.3 13.9

68 8.6 5.1 7.7#

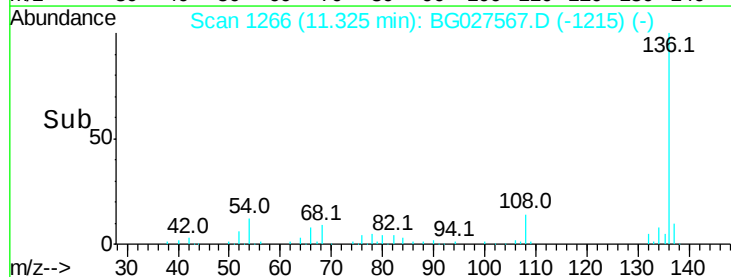
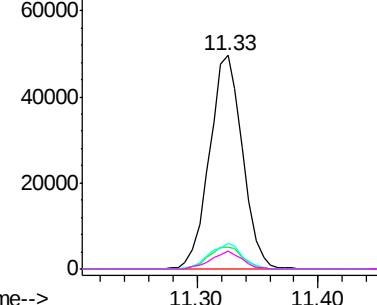


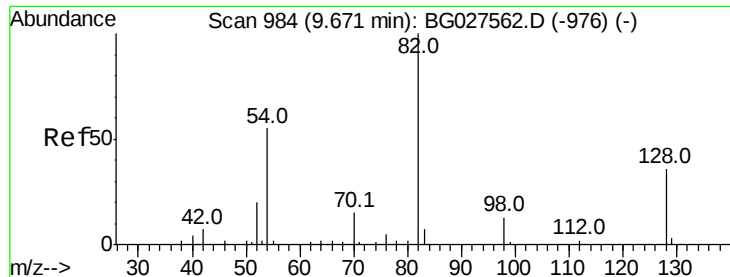
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

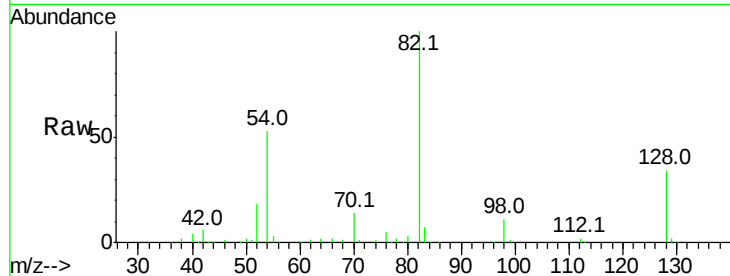




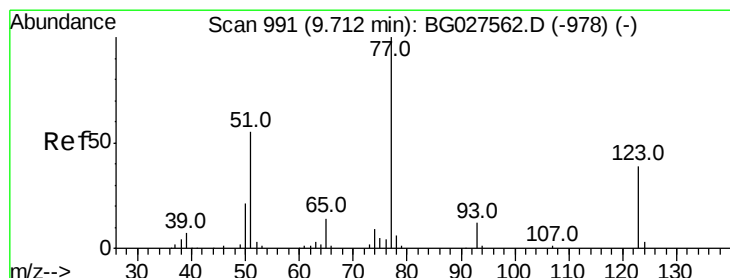
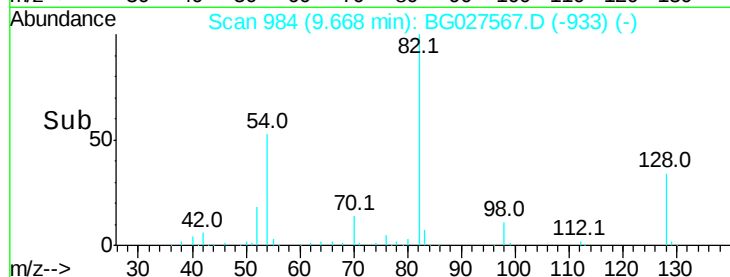
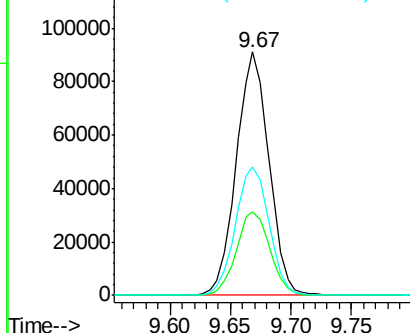
#23
 Nitrobenzene-d5
 Concen: 85.93 ng
 RT: 9.67 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BG027567.D
 Acq: 21 Jun 2017 19:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 171687
 Ion Ratio Lower Upper
 82 100
 128 34.5 26.4 39.6
 54 52.7 49.4 74.2

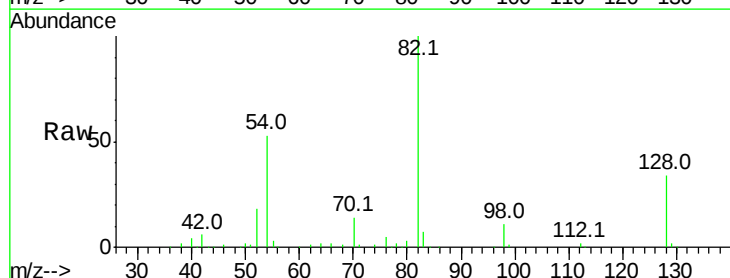


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

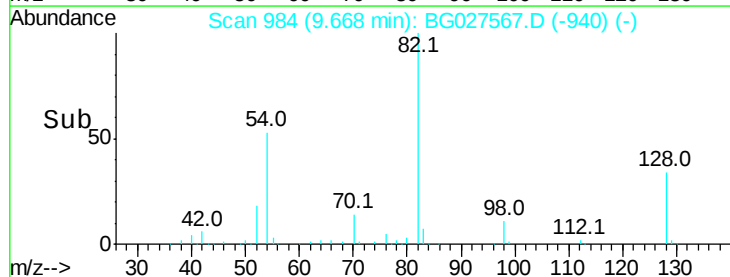
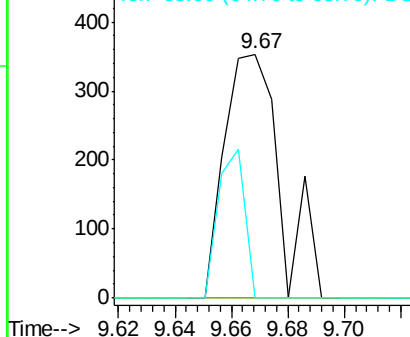


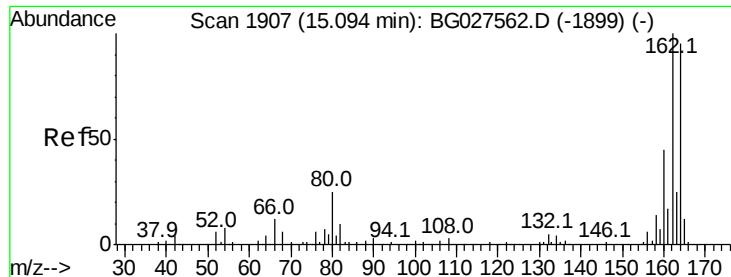
#24
 Nitrobenzene
 Concen: 0.22 ng
 RT: 9.67 min Scan# 984
 Delta R.T. -0.04 min
 Lab File: BG027567.D
 Acq: 21 Jun 2017 19:28

Tgt Ion: 77 Resp: 483
 Ion Ratio Lower Upper
 77 100
 123 0.0 26.1 39.1#
 65 0.0 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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.09 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

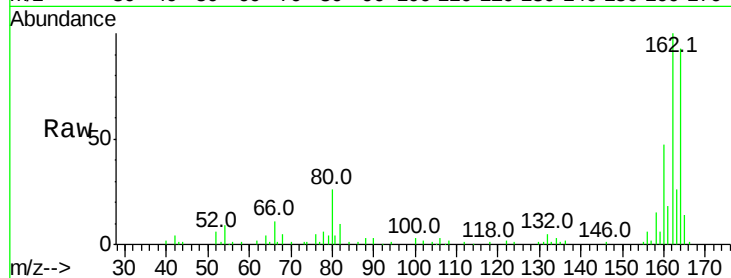
Tot Ion:164 Resp: 57608

Ion Ratio Lower Upper

164 100

162 107.0 85.1 127.7

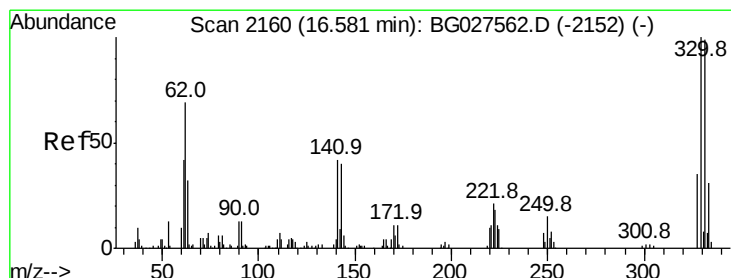
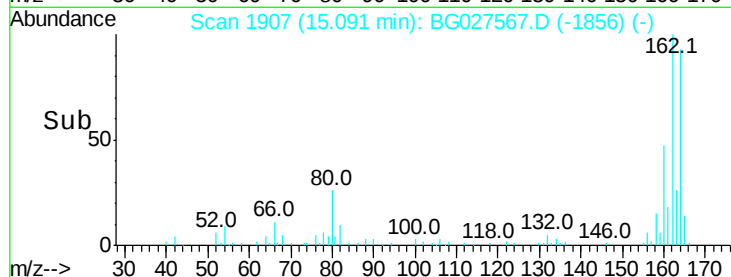
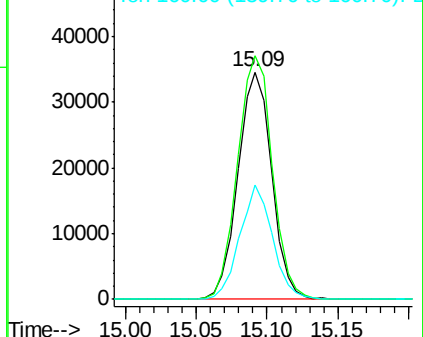
160 50.4 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 145.72 ng

RT: 16.58 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

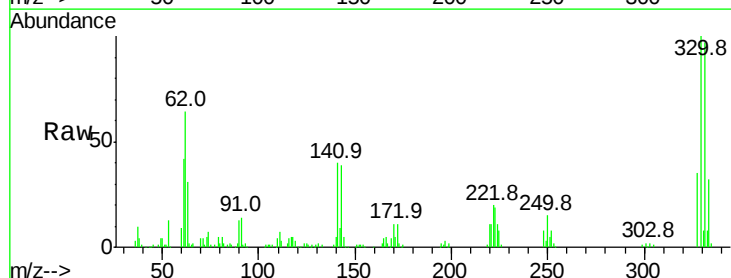
Tgt Ion:330 Resp: 125150

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

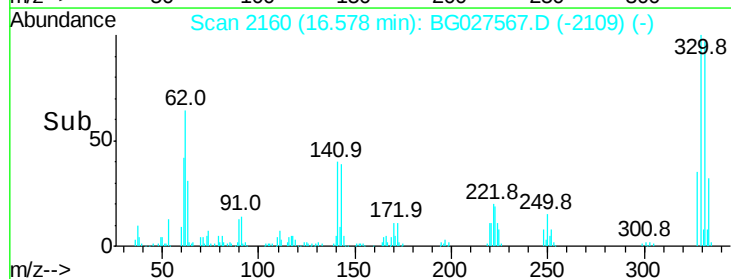
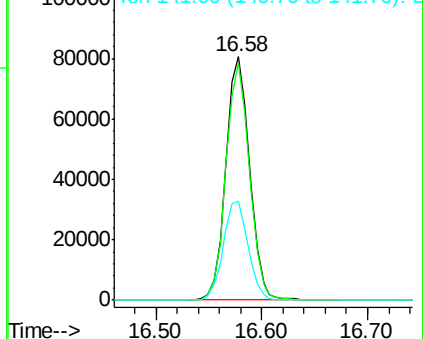
141 42.5 32.1 48.1

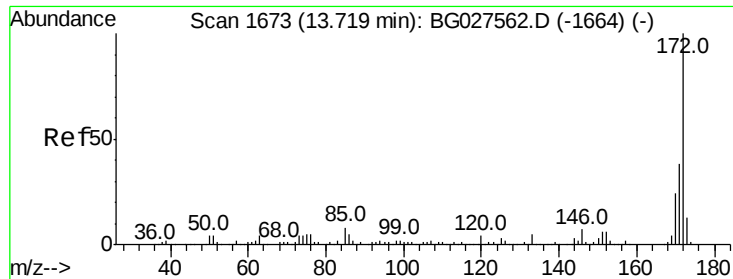


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

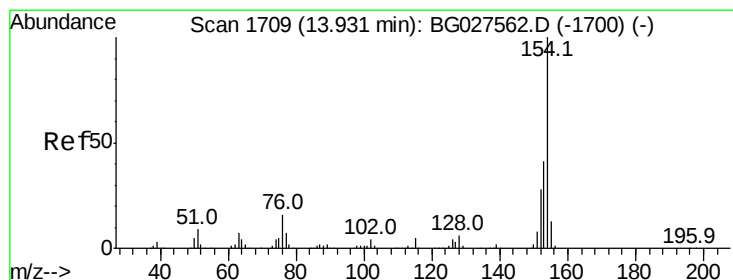
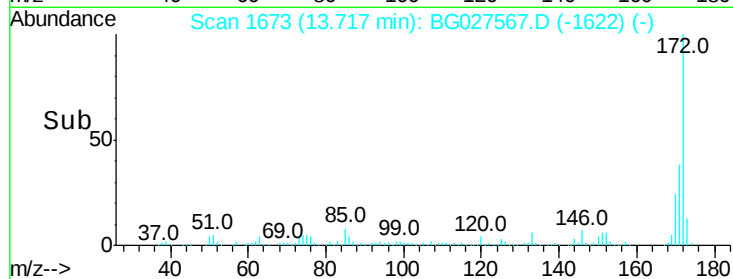
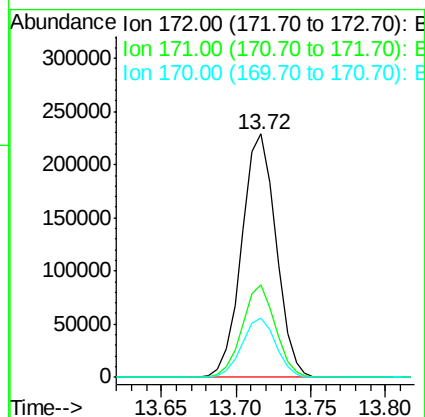
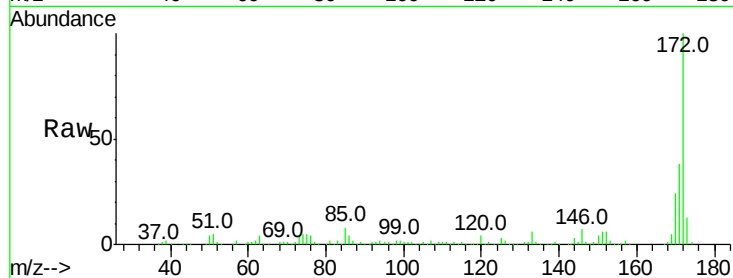




#44
 2-Fluorobiphenyl
 Concen: 86.18 ng
 RT: 13.72 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BG027567.D
 Acq: 21 Jun 2017 19:28

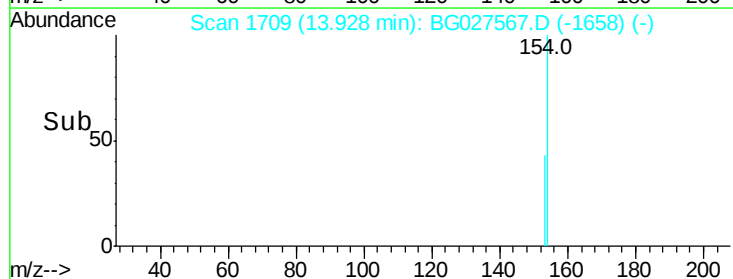
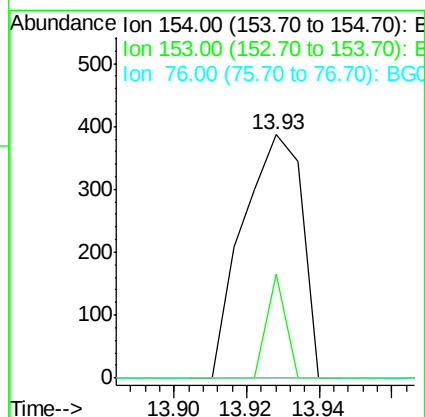
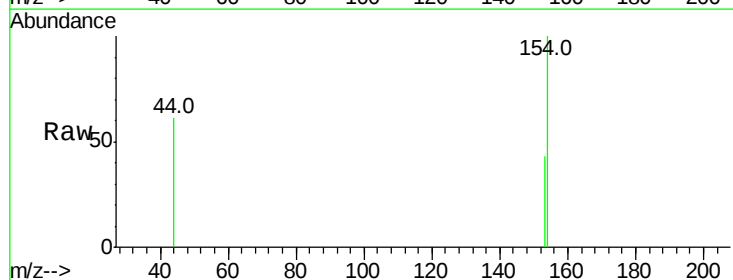
Instrument :
 BNA_G
 ClientSampleId :

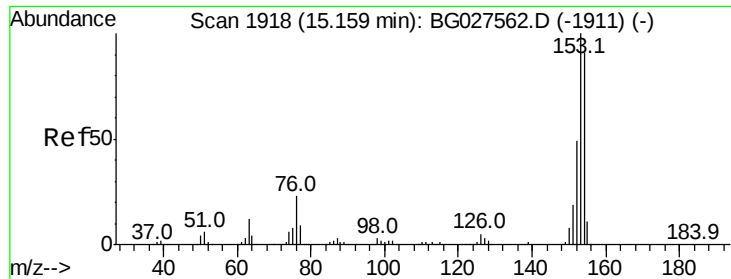
Tot Ion:172 Resp: 363448
 Ion Ratio Lower Upper
 172 100
 171 38.2 32.2 48.2
 170 24.1 21.8 32.6



#45
 1,1'-Biphenyl
 Concen: 0.09 ng
 RT: 13.93 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG027567.D
 Acq: 21 Jun 2017 19:28

Tgt Ion:154 Resp: 437
 Ion Ratio Lower Upper
 154 100
 153 42.6 23.0 63.0
 76 0.0 0.0 33.5





#51

Acenaphthene

Concen: 0.02 ng

RT: 15.09 min Scan# 1906

Delta R.T. -0.07 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

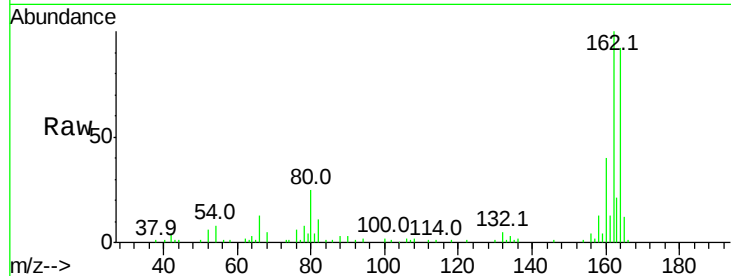
Tot Ion:154 Resp: 75

Ion Ratio Lower Upper

154 100

153 0.0 87.8 131.6#

152 0.0 42.2 63.4#

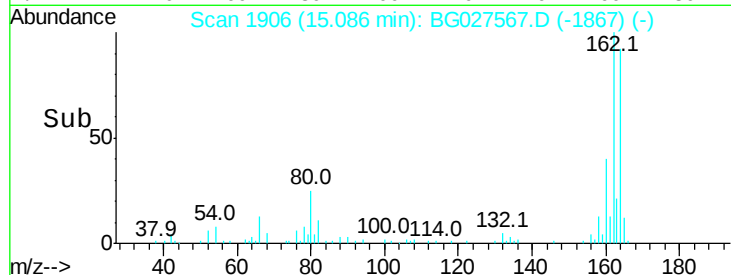


Abundance Ion 154.00 (153.70 to 154.70): E

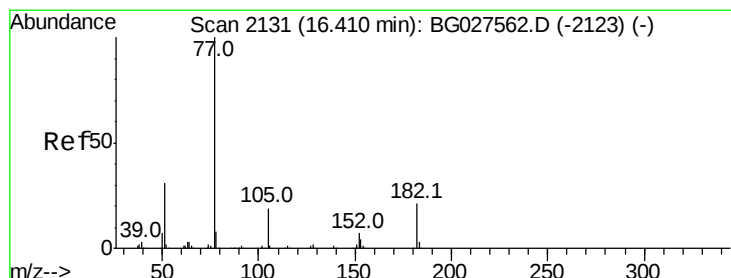
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

15.09



Time-->



#62

Azobenzene

Concen: 0.16 ng

RT: 16.57 min Scan# 2159

Delta R.T. 0.16 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

Tgt Ion: 77 Resp: 897

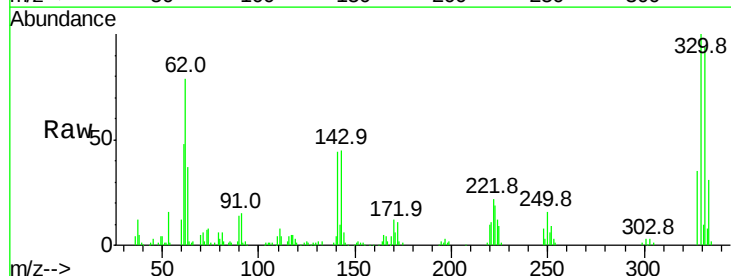
Ion Ratio Lower Upper

77 100

182 0.0 4.7 44.7#

105 78.7 0.0 36.3#

51 88.8 16.4 56.4#



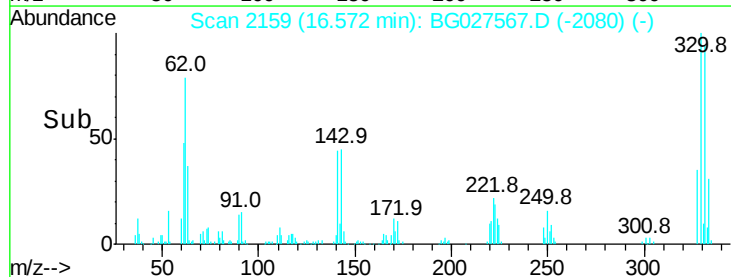
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

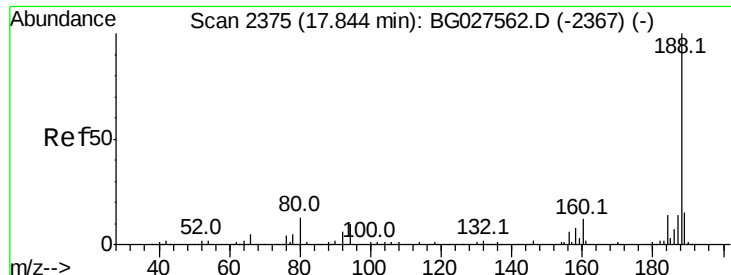
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

16.57



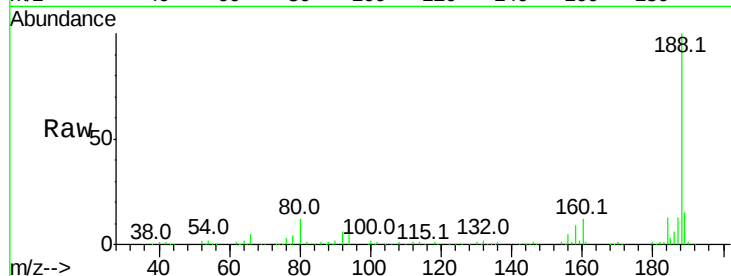
Time-->



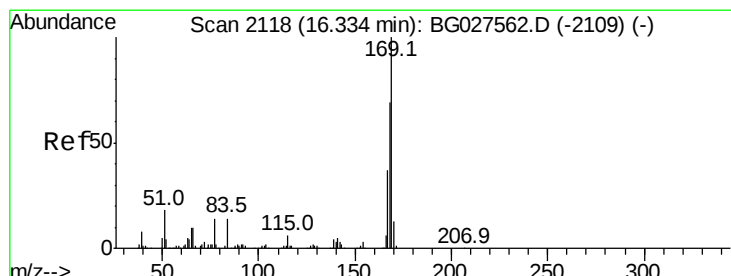
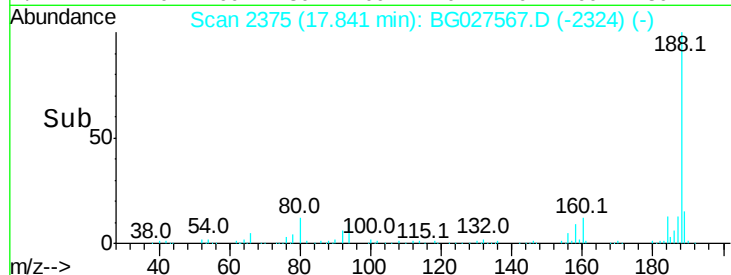
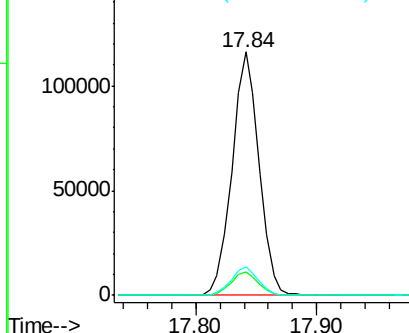
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BG027567.D
Acq: 21 Jun 2017 19:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 180264
Ion Ratio Lower Upper
188 100
94 9.7 5.8 8.8#
80 11.7 7.5 11.3#

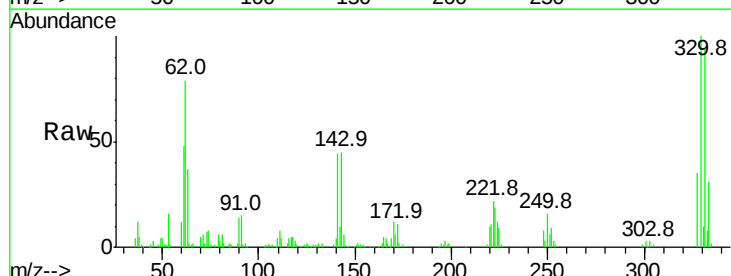


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

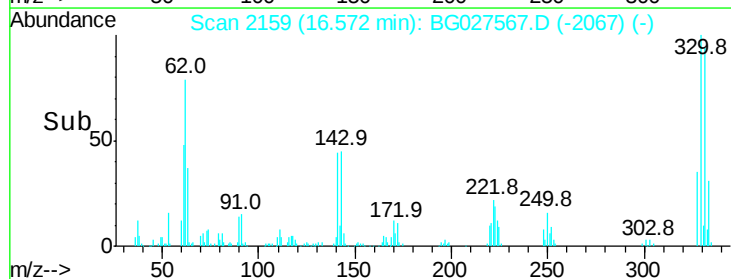
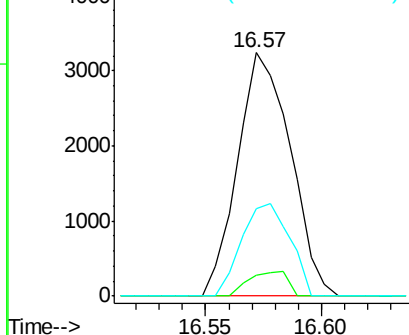


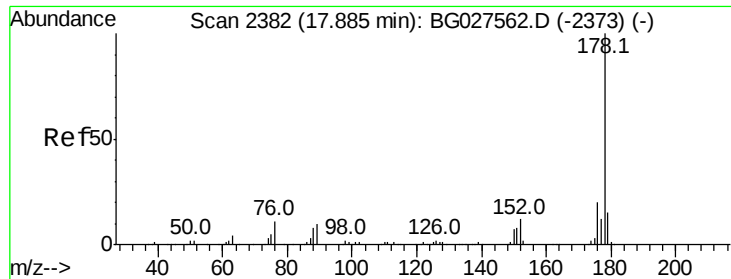
#65
n-Nitrosodiphenylamine
Concen: 0.93 ng
RT: 16.57 min Scan# 2159
Delta R.T. 0.24 min
Lab File: BG027567.D
Acq: 21 Jun 2017 19:28

Tgt Ion:169 Resp: 5162
Ion Ratio Lower Upper
169 100
168 8.5 55.7 83.5#
167 35.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 0.01 ng

RT: 17.88 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

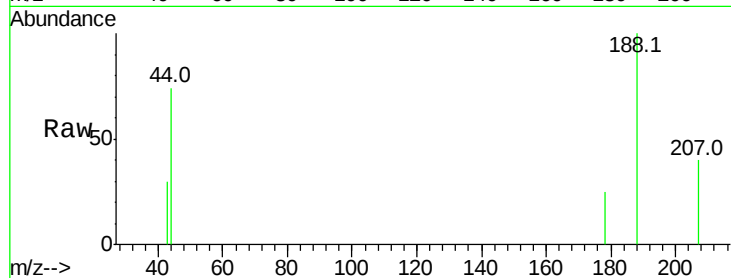
Tot Ion:178 Resp: 54

Ion Ratio Lower Upper

178 100

176 0.0 17.7 26.5#

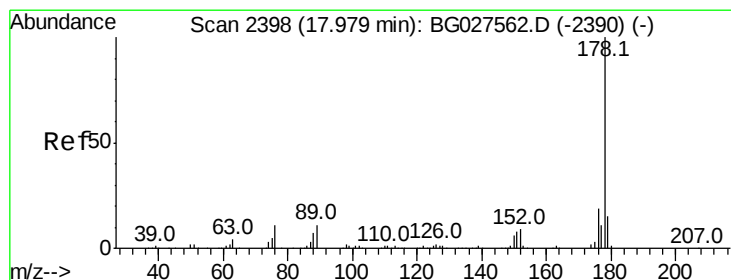
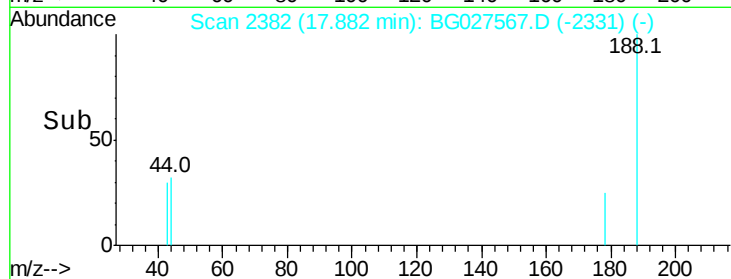
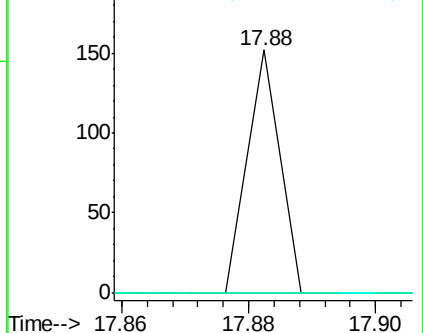
179 0.0 15.0 22.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.01 ng

RT: 17.88 min Scan# 2382

Delta R.T. -0.10 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

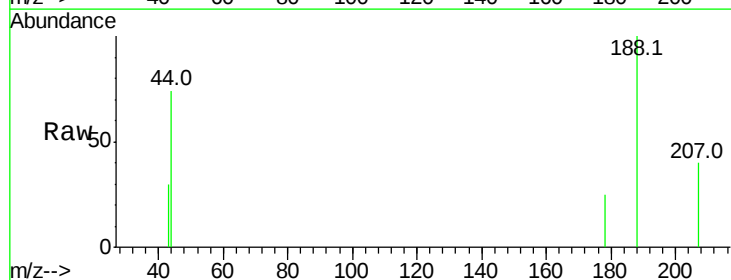
Tgt Ion:178 Resp: 54

Ion Ratio Lower Upper

178 100

176 0.0 16.4 24.6#

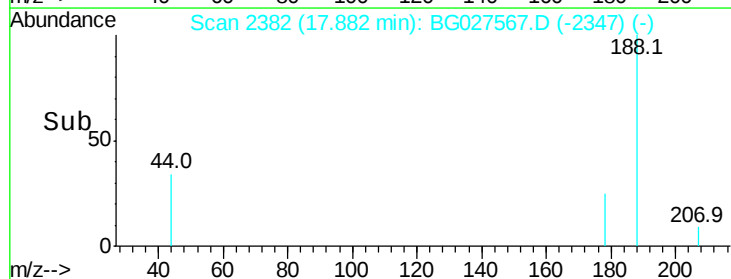
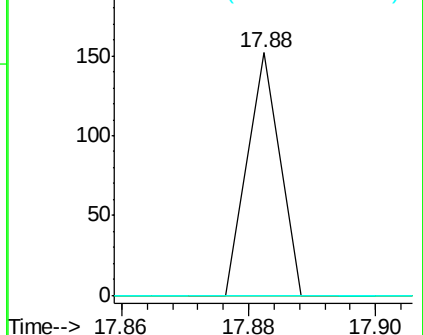
179 0.0 13.8 20.8#

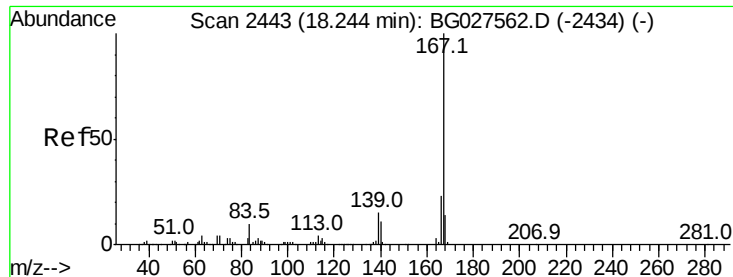


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.01 ng

RT: 18.25 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

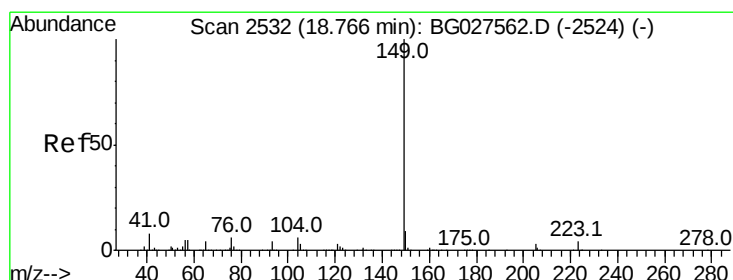
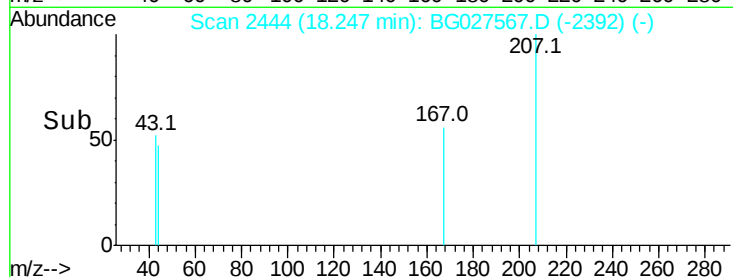
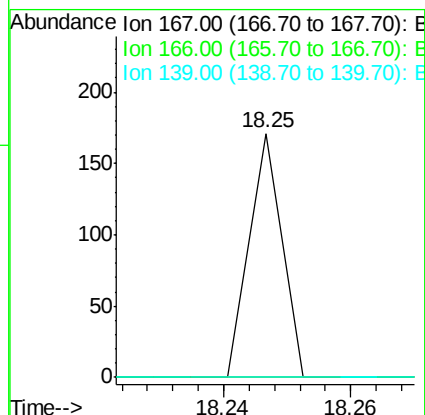
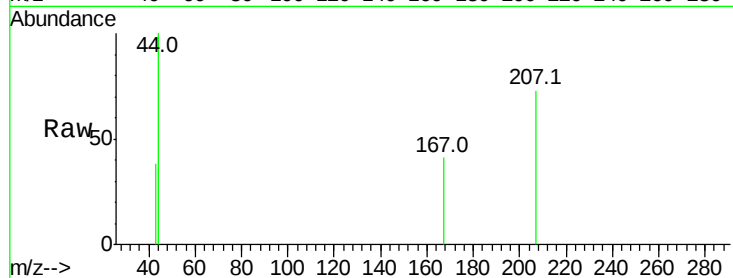
Instrument :

BNA_G

ClientSampled :

Tot Ion:167 Resp: 60

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



#73

Di-n-butylphthalate

Concen: 0.03 ng

RT: 18.77 min Scan# 2533

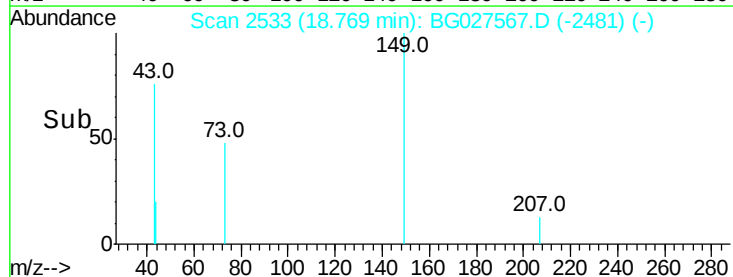
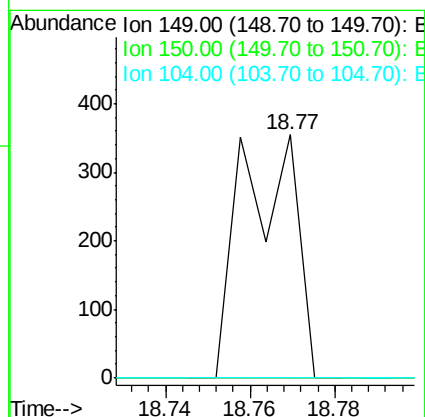
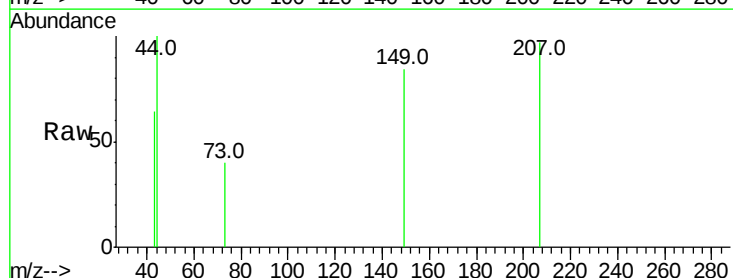
Delta R.T. 0.00 min

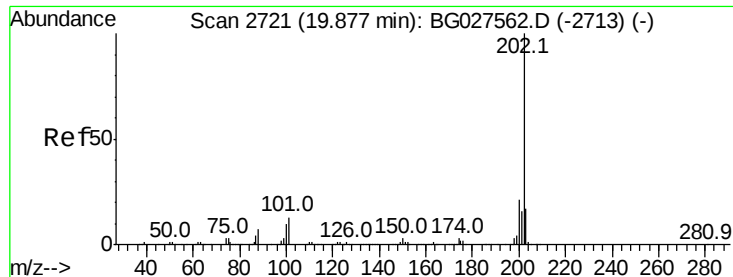
Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

Tgt Ion:149 Resp: 319

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





#74

Fluoranthene

Concen: 0.01 ng

RT: 19.88 min Scan# 2722

Delta R.T. 0.00 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

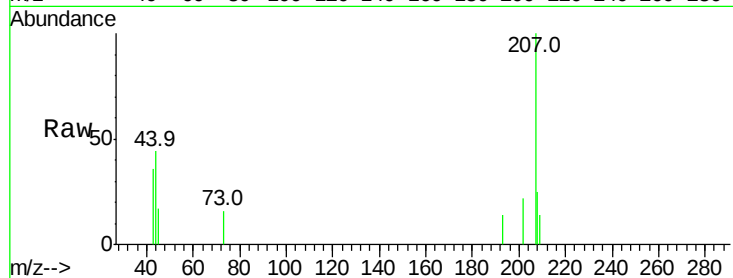
Tot Ion:202 Resp: 88

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

19.88

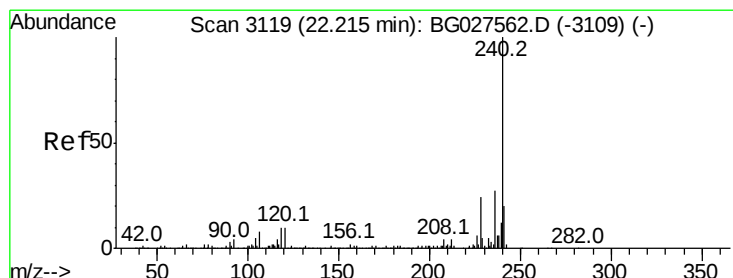
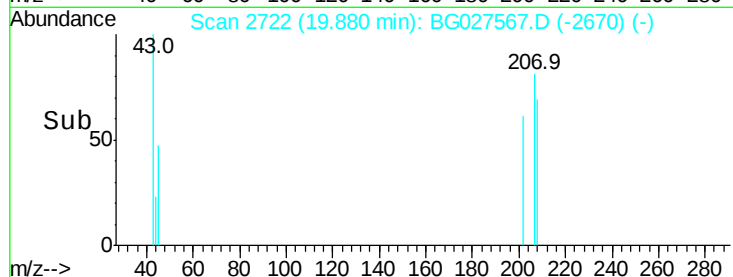
200

100

0

19.86 19.88

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.21 min Scan# 3119

Delta R.T. -0.00 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

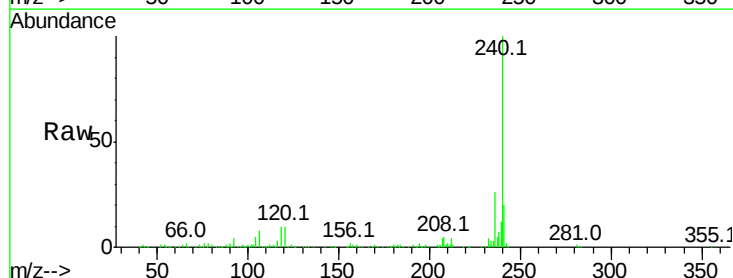
Tgt Ion:240 Resp: 217870

Ion Ratio Lower Upper

240 100

120 10.3 5.7 8.5#

236 25.7 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

22.21

150000

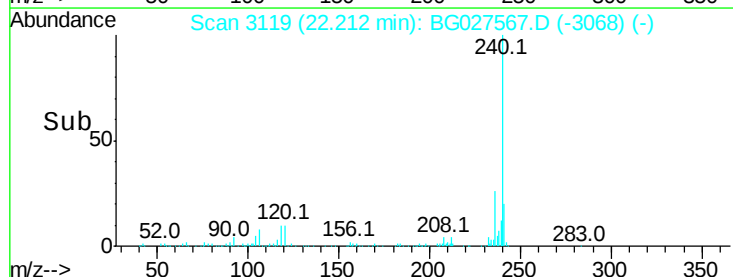
100000

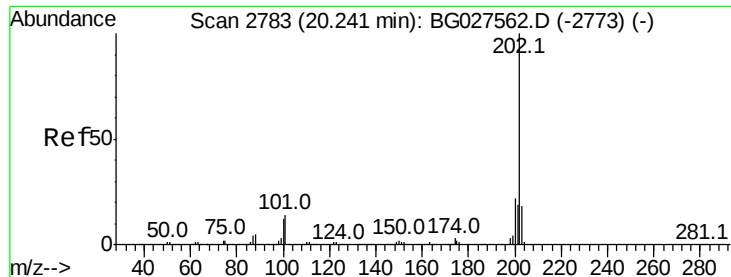
50000

0

22.10 22.20 22.30

Time-->





#77

Pvrene

Concen: 0.26 ng

RT: 20.42 min Scan# 2814

Delta R.T. 0.18 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

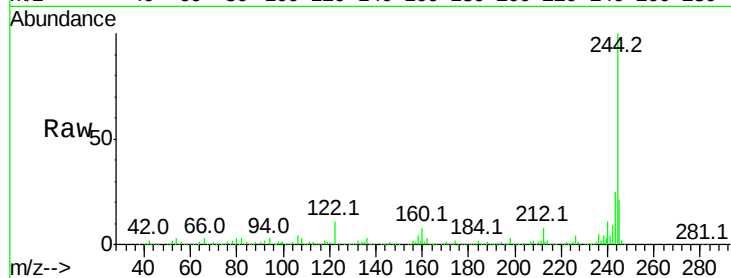
Tot Ion:202 Resp: 3429

Ion Ratio Lower Upper

202 100

200 50.1 19.6 29.4#

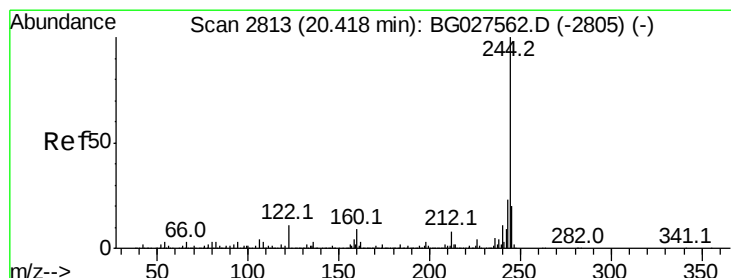
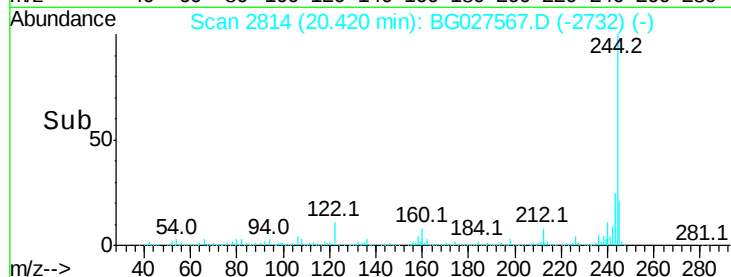
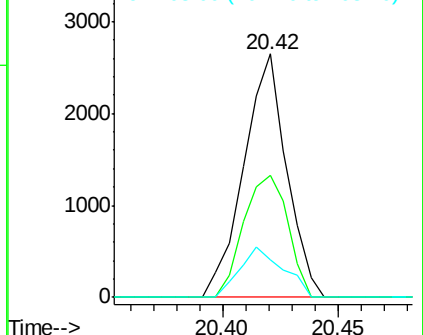
203 15.7 15.8 23.8#



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: 92.29 ng

RT: 20.42 min Scan# 2814

Delta R.T. 0.00 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

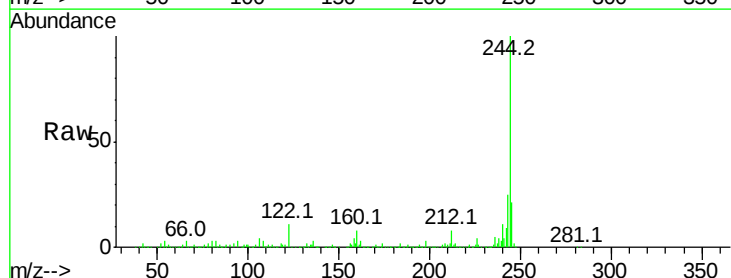
Tgt Ion:244 Resp: 853413

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

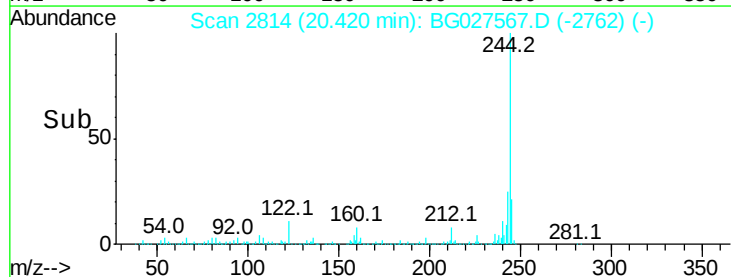
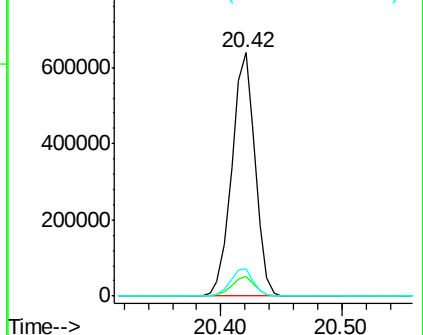
122 11.2 8.6 12.8

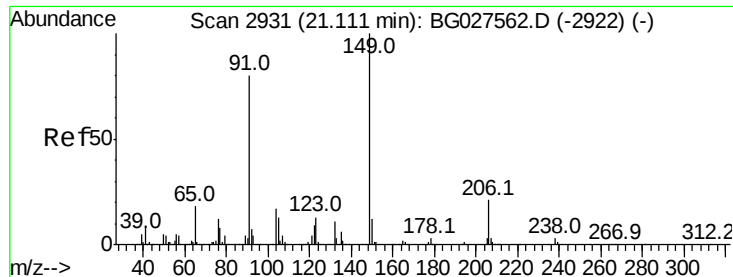


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

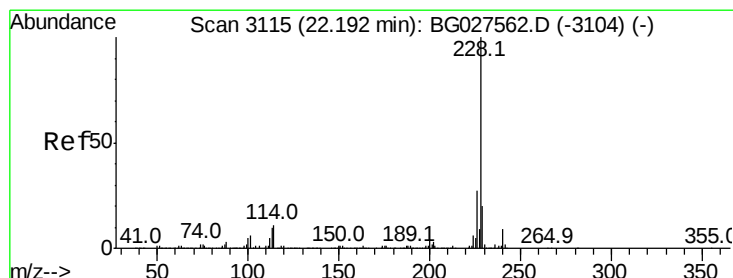
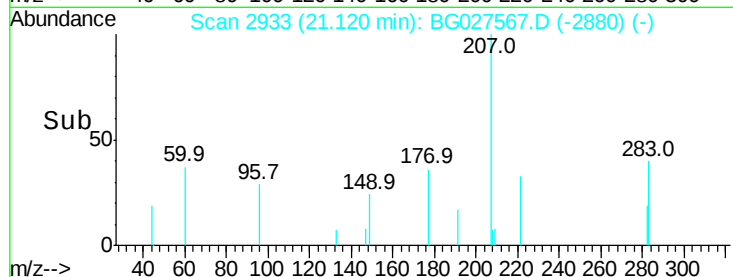
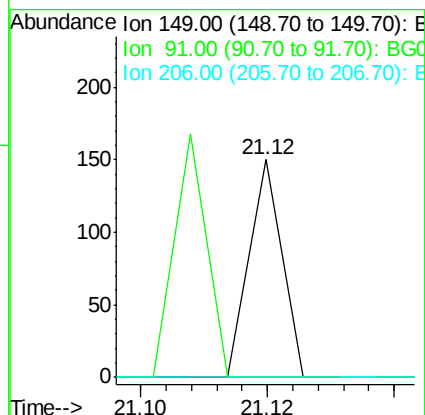
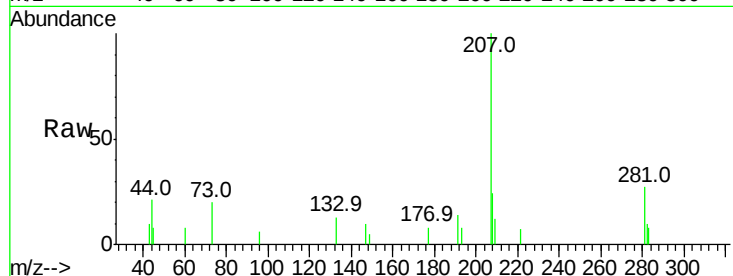




#79
Butylbenzylphthalate
Concen: 0.01 ng
RT: 21.12 min Scan# 2933
Delta R.T. 0.01 min
Lab File: BG027567.D
Acq: 21 Jun 2017 19:28

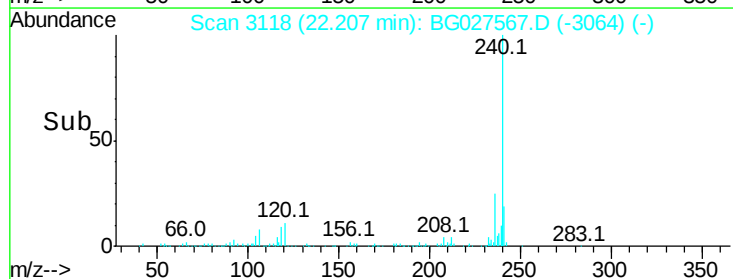
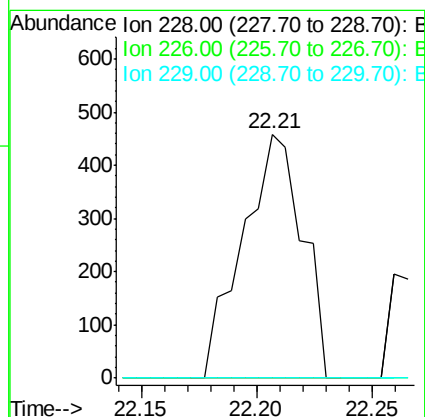
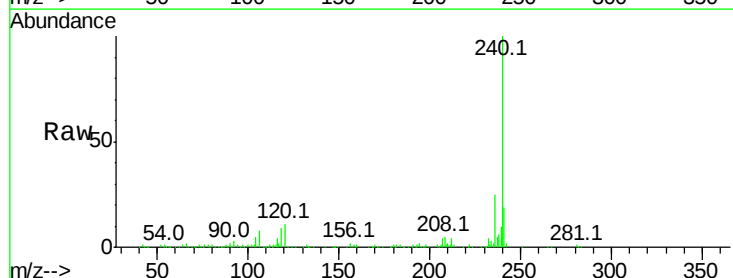
Instrument :
BNA_G
ClientSampleId :

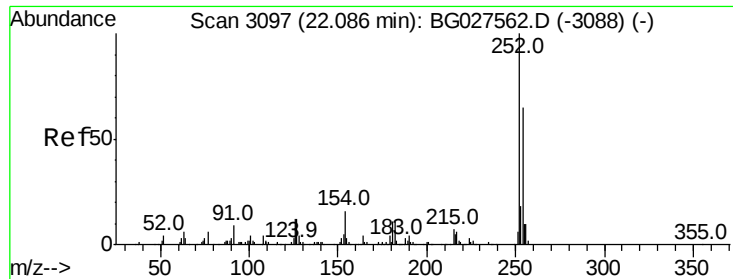
Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	63.5	95.3#
206	0.0	21.0	31.6#



#80
Benzo(a)anthracene
Concen: 0.06 ng
RT: 22.21 min Scan# 3118
Delta R.T. 0.01 min
Lab File: BG027567.D
Acq: 21 Jun 2017 19:28

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





#81

3,3'-Dichlorobenzidine

Concen: 0.03 ng

RT: 22.09 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

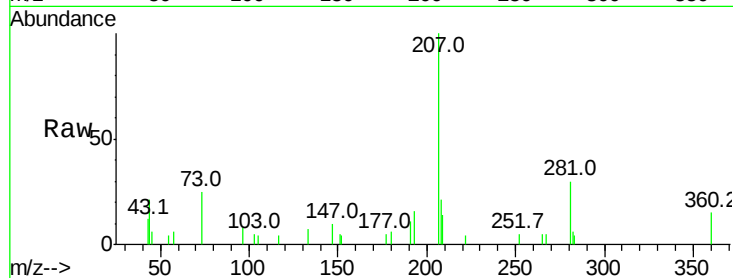
Tot Ion:252 Resp: 122

Ion Ratio Lower Upper

252 100

254 0.0 53.1 79.7#

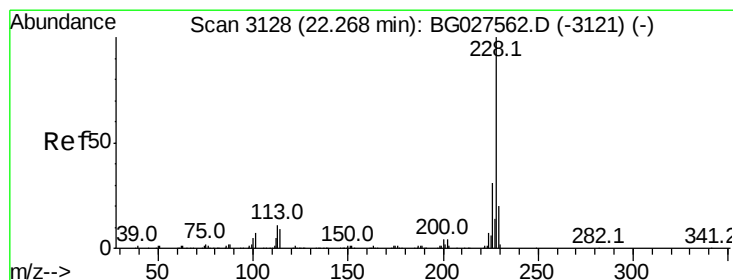
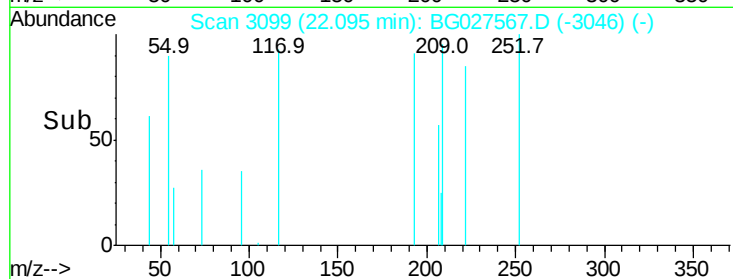
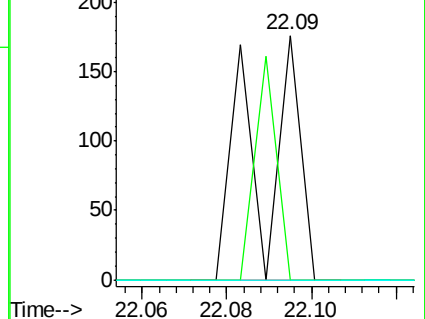
126 0.0 7.0 10.4#



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



#82

Chrysene

Concen: 0.01 ng

RT: 22.26 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

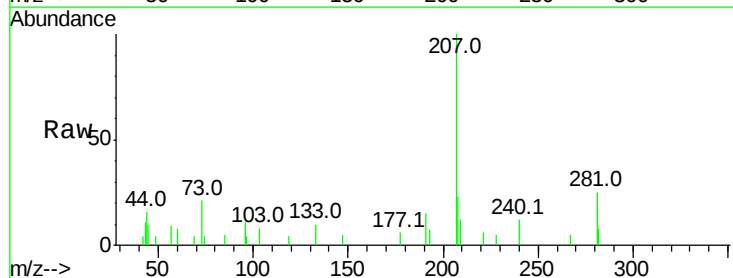
Tgt Ion:228 Resp: 135

Ion Ratio Lower Upper

228 100

226 0.0 27.0 40.4#

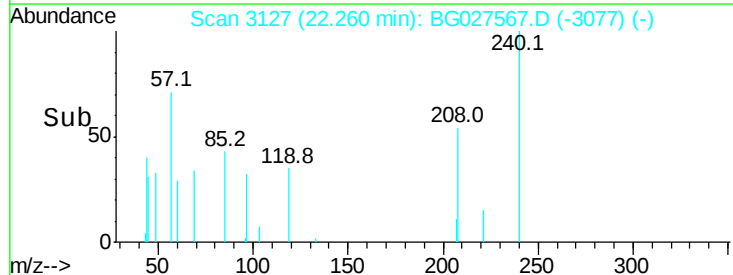
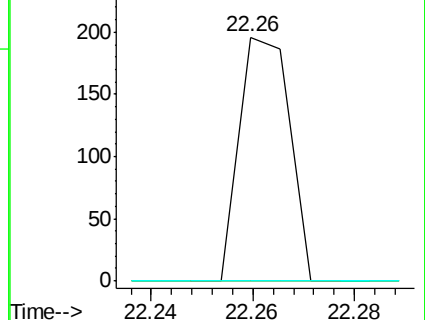
229 0.0 17.8 26.6#

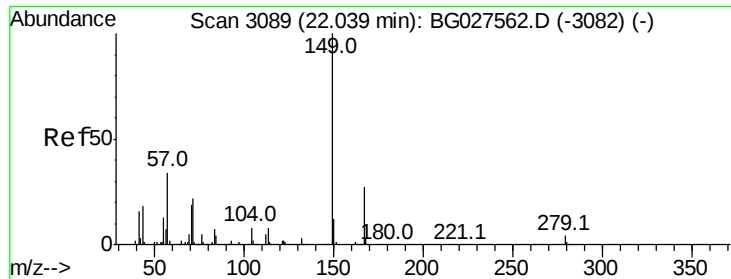


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

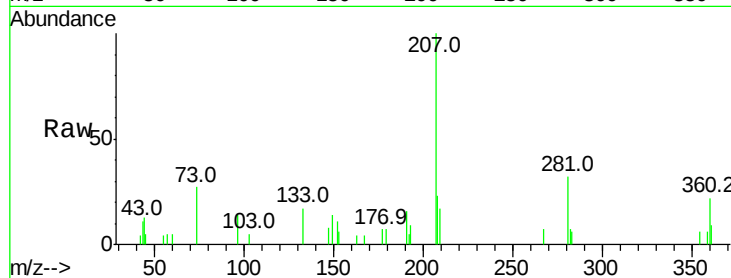




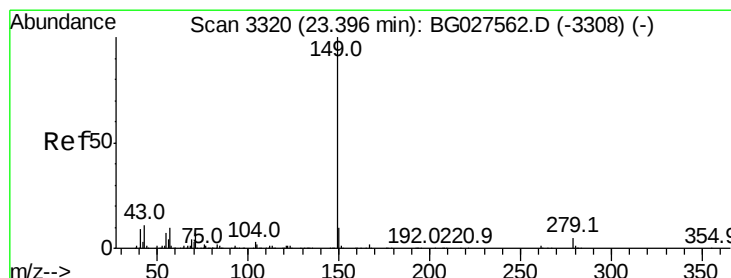
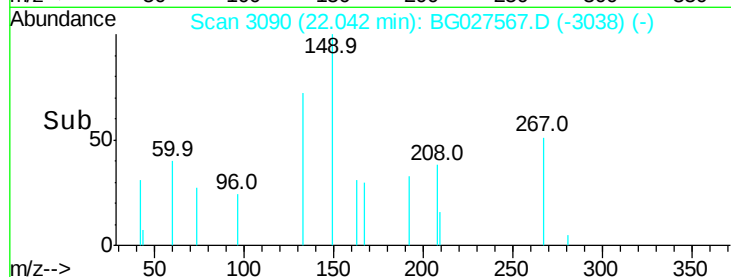
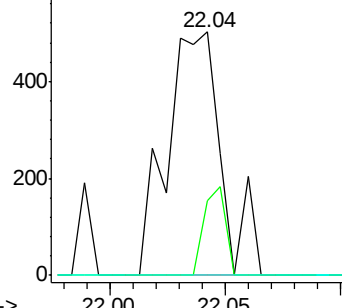
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.10 ng
 RT: 22.04 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BG027567.D
 Acq: 21 Jun 2017 19:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:149 Resp: 830
 Ion Ratio Lower Upper
 149 100
 167 30.5 23.7 35.5
 279 0.0 4.6 6.8#

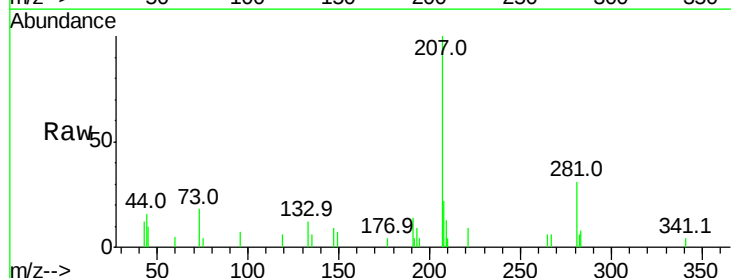


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

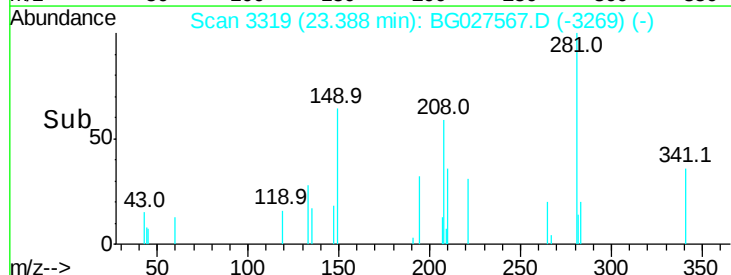
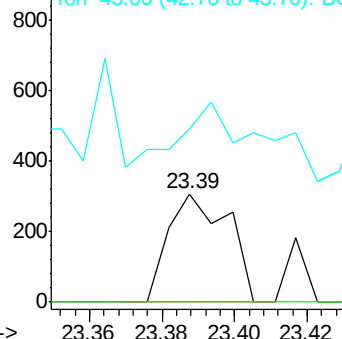


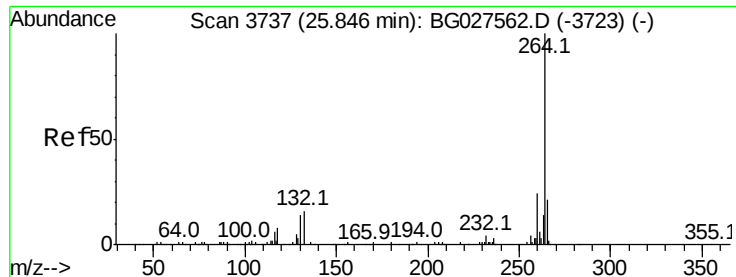
#84
 Di-n-octyl phthalate
 Concen: 0.03 ng
 RT: 23.39 min Scan# 3319
 Delta R.T. -0.01 min
 Lab File: BG027567.D
 Acq: 21 Jun 2017 19:28

Tgt Ion:149 Resp: 351
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.2#
 43 98.3 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





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.85 min Scan# 3738

Delta R.T. 0.00 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

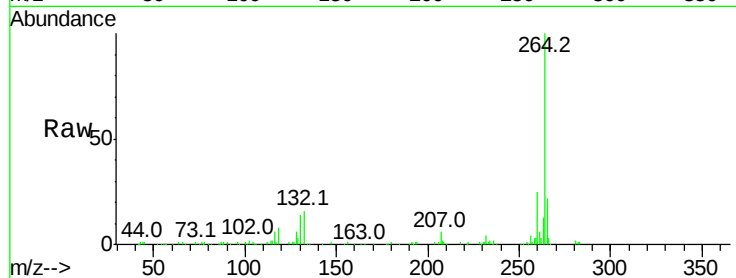
Tot Ion:264 Resp: 204107

Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.8	32.8
265	21.6	18.2	27.4

264 100

260 25.0 21.8 32.8

265 21.6 18.2 27.4

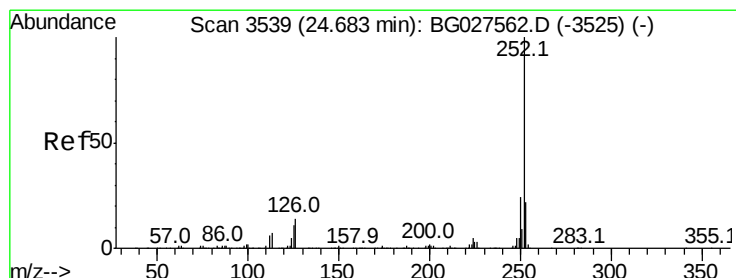
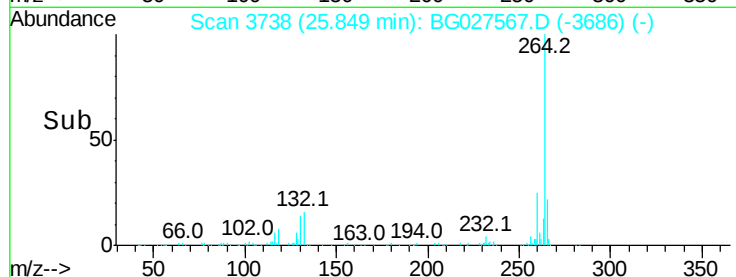
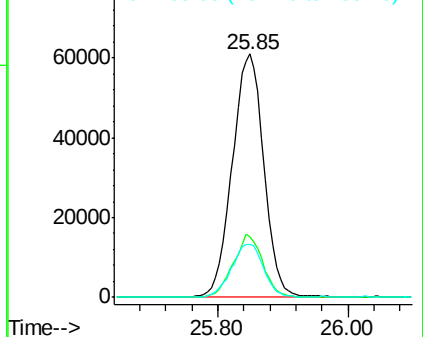


Abundance

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: 0.02 ng

RT: 24.68 min Scan# 3539

Delta R.T. -0.00 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

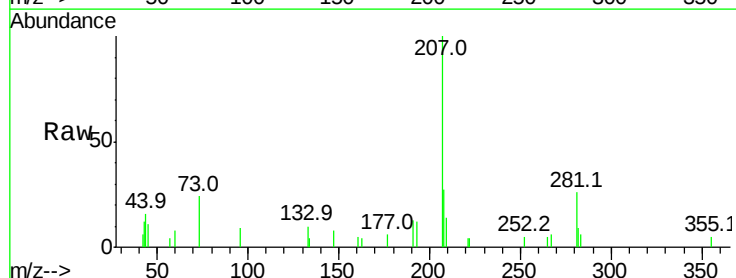
Tgt Ion:252 Resp: 198

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

252 100

253 0.0 18.7 28.1#

125 0.0 5.3 7.9#

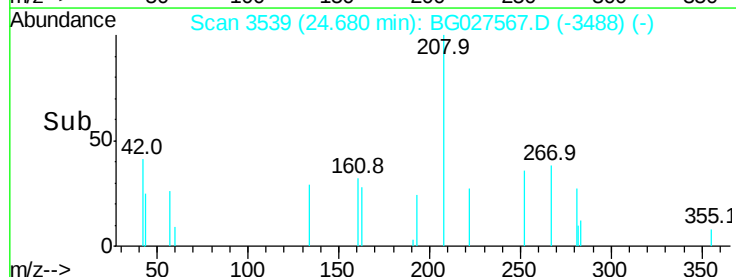
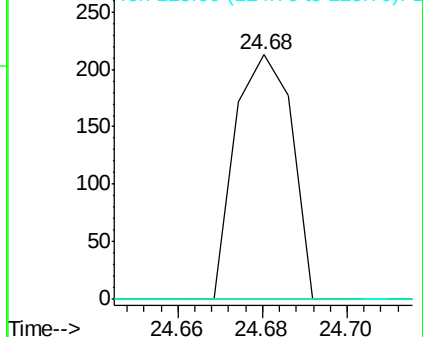


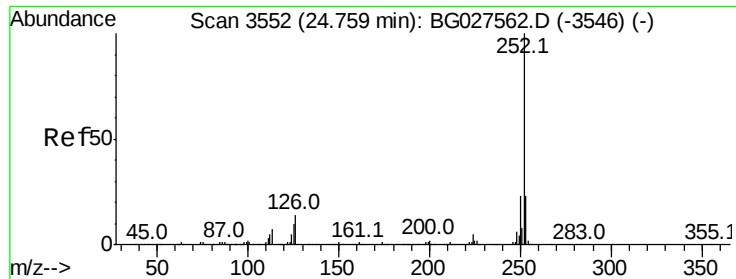
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 0.02 ng

RT: 24.68 min Scan# 3539

Delta R.T. -0.08 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

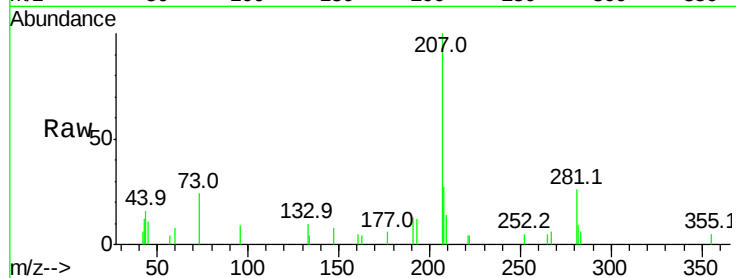
Tot Ion:252 Resp: 198

Ion Ratio Lower Upper

252 100

253 0.0 20.2 30.2#

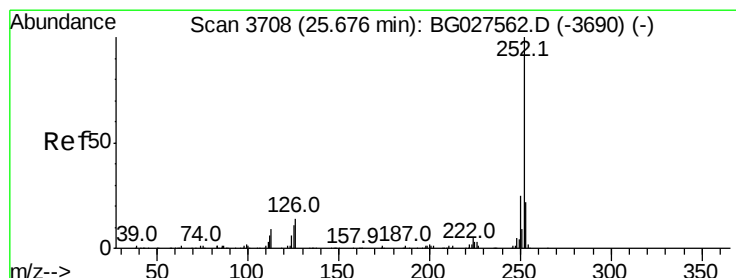
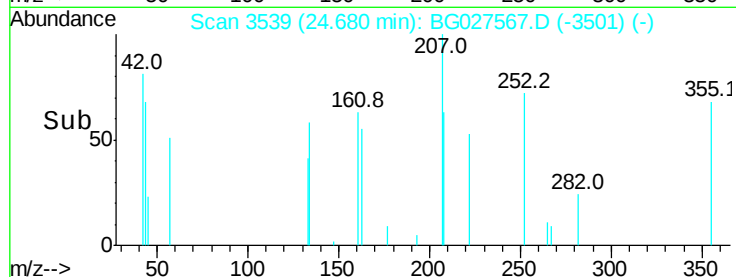
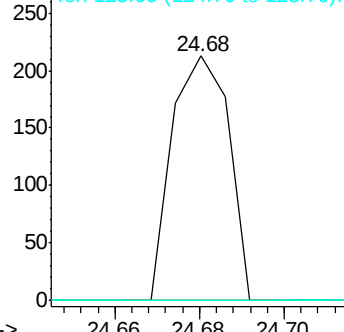
125 0.0 5.1 7.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 0.01 ng

RT: 25.67 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

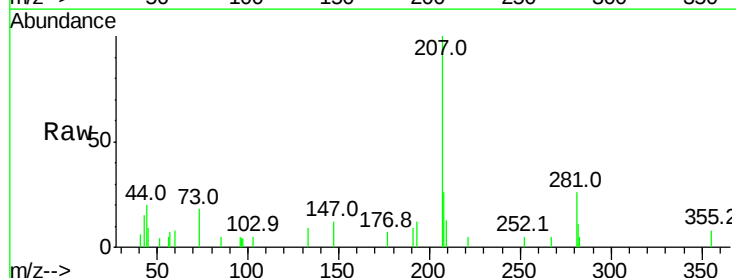
Tgt Ion:252 Resp: 69

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

