

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060816\
 Data File : BG022237.D
 Acq On : 8 Jun 2016 16:08
 Operator : UM/SJ
 Sample : H3402-17
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-19

Quant Time: Jun 09 06:33:53 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

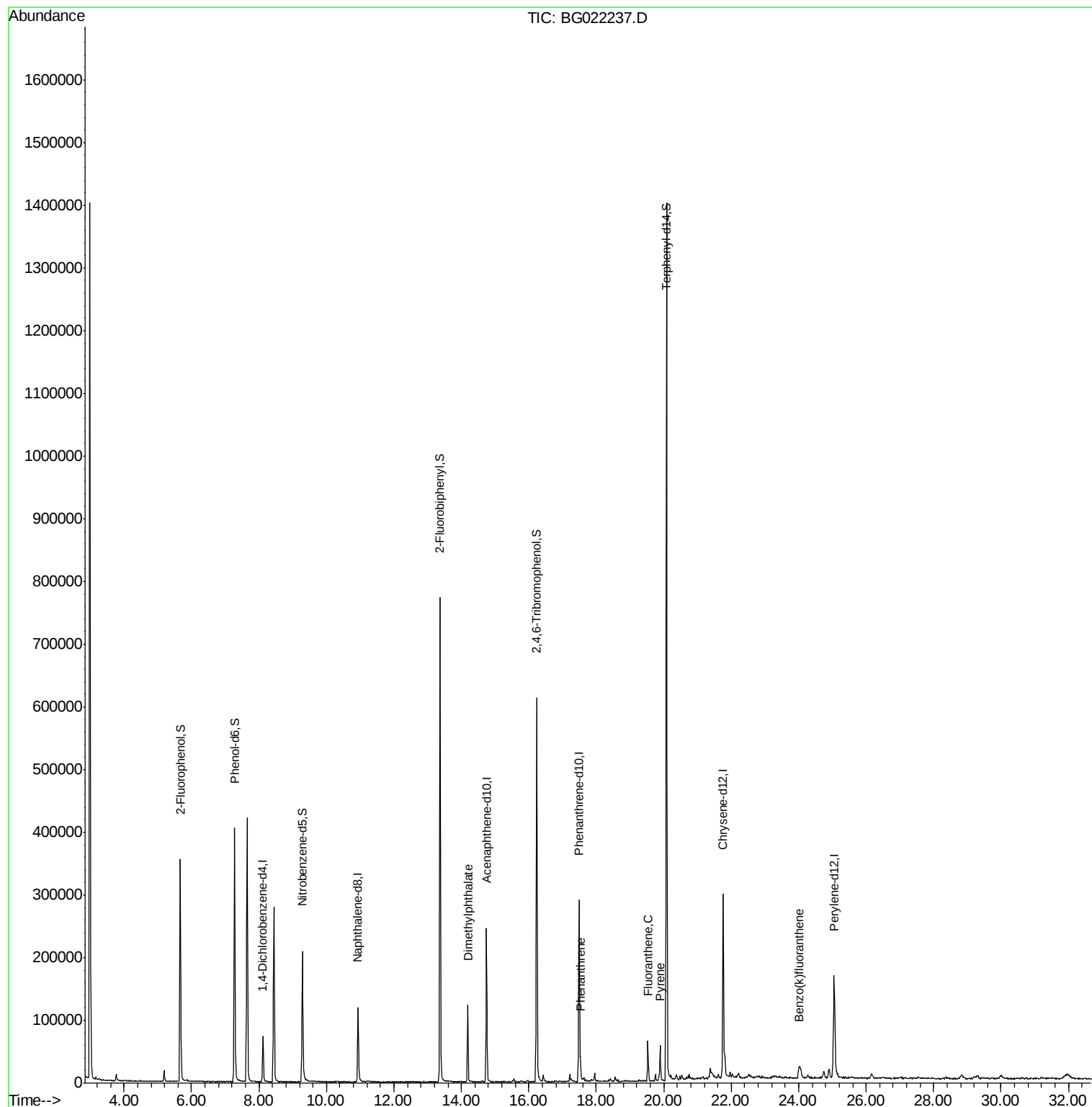
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	28034	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	141597	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	94443	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	211087	20.00	ng	0.00
75) Chrysene-d12	21.76	240	198417	20.00	ng	0.00
86) Perylene-d12	25.05	264	188865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	235465	162.40	ng	0.00
7) Phenol-d6	7.27	99	362590	159.05	ng	0.00
23) Nitrobenzene-d5	9.29	82	182664	89.94	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	139685	130.89	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	471858	76.14	ng	0.00
78) Terphenyl-d14	20.08	244	659960	78.97	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.19	163	106912	13.65	ng	99
70) Phenanthrene	17.53	178	23639	2.06	ng	98
74) Fluoranthene	19.53	202	49266	3.74	ng	98
77) Pyrene	19.89	202	42972	3.48	ng	95
88) Benzo(k)fluoranthene	24.01	252	21983	2.03	ng	# 95

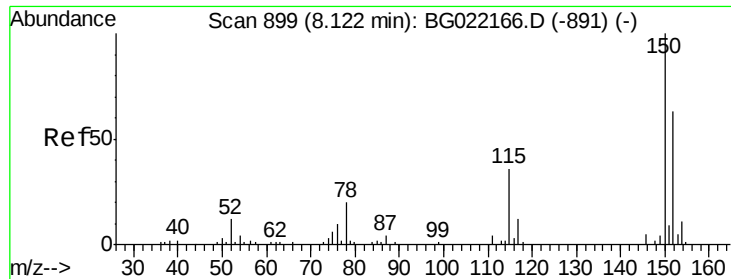
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG022237.D

Acq: 8 Jun 2016 16:08

Instrument :

BNA_G

ClientSampleId :

SB-19

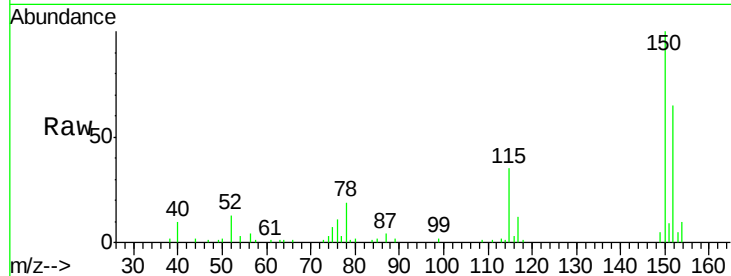
Tgt Ion:152 Resp: 28034

Ion Ratio Lower Upper

152 100

150 153.9 130.1 195.1

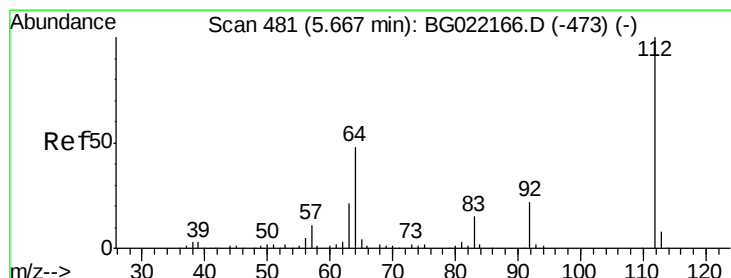
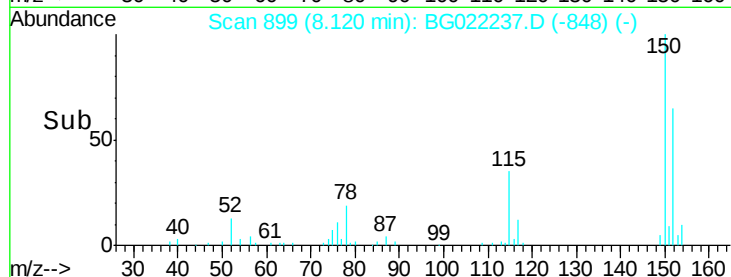
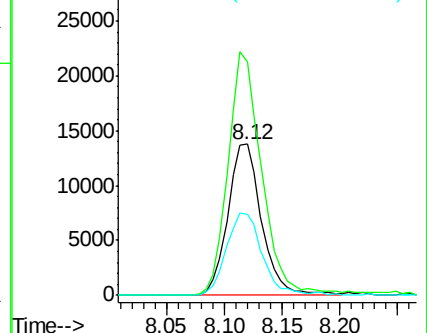
115 53.3 62.2 93.2#



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



#5

2-Fluorophenol

Concen: 162.40 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022237.D

Acq: 8 Jun 2016 16:08

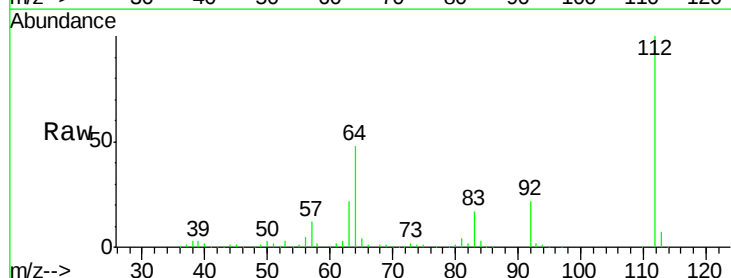
Tgt Ion:112 Resp: 235465

Ion Ratio Lower Upper

112 100

64 47.7 51.1 76.7#

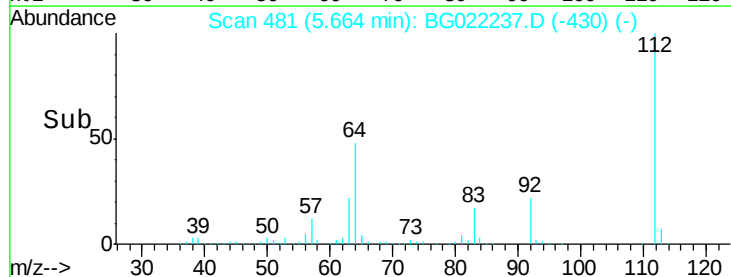
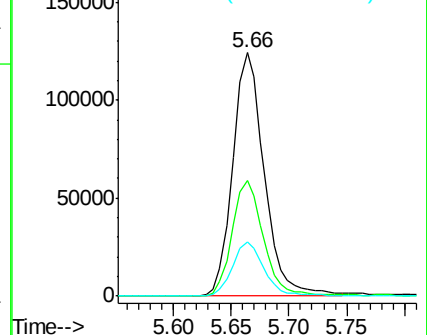
63 22.4 24.6 37.0#

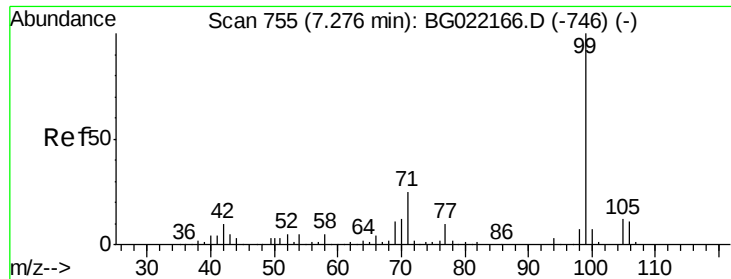


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 159.05 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022237.D

Acq: 8 Jun 2016 16:08

Instrument :

BNA_G

ClientSampleId :

SB-19

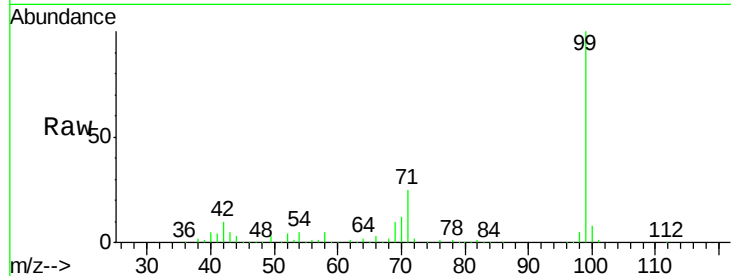
Tgt Ion: 99 Resp: 362590

Ion Ratio Lower Upper

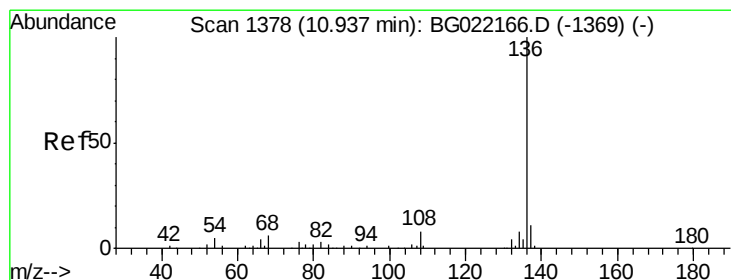
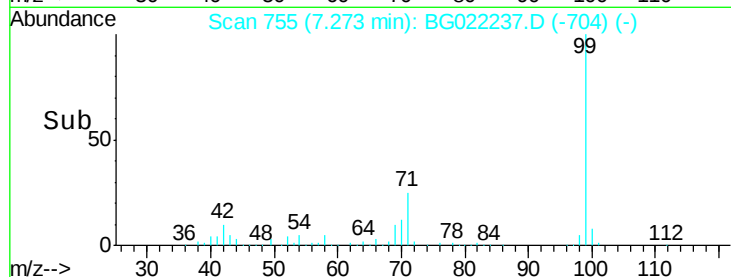
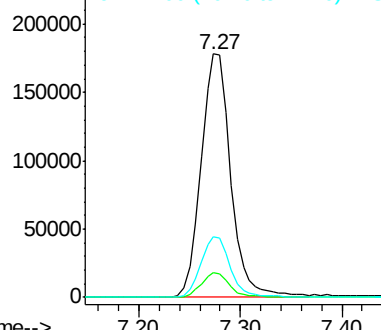
99 100

42 10.0 16.4 24.6#

71 25.1 25.0 37.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BG022237.D

Acq: 8 Jun 2016 16:08

Tgt Ion: 136 Resp: 141597

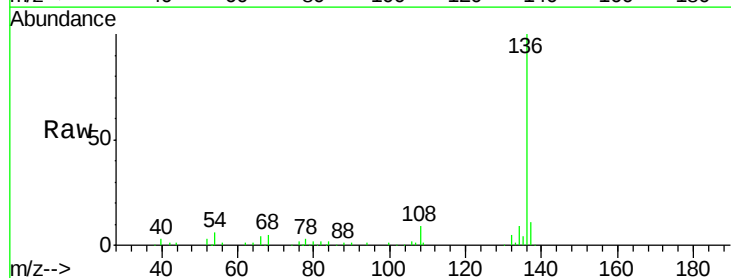
Ion Ratio Lower Upper

136 100

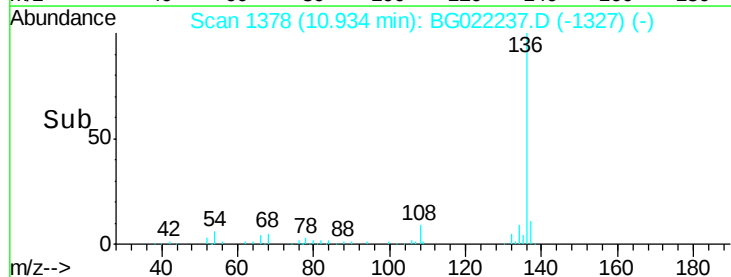
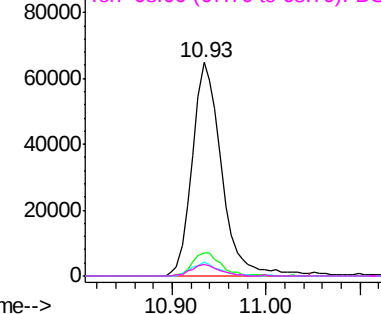
137 11.0 9.0 13.4

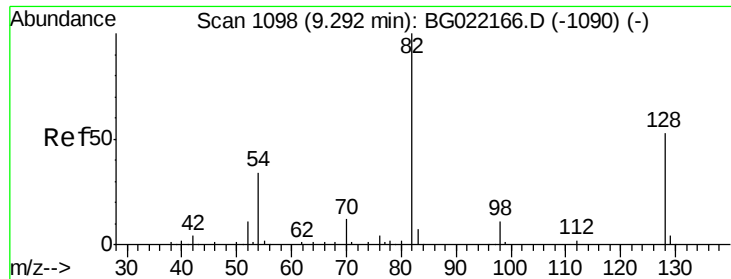
54 6.3 9.6 14.4#

68 5.4 6.4 9.6#



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

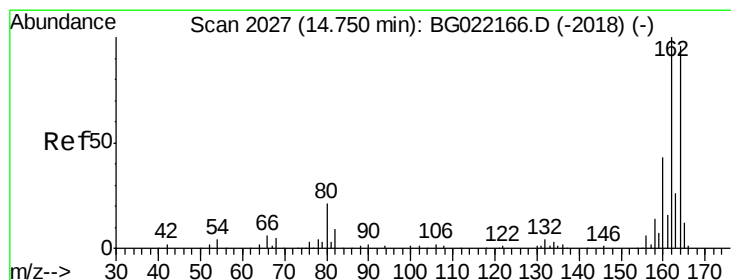
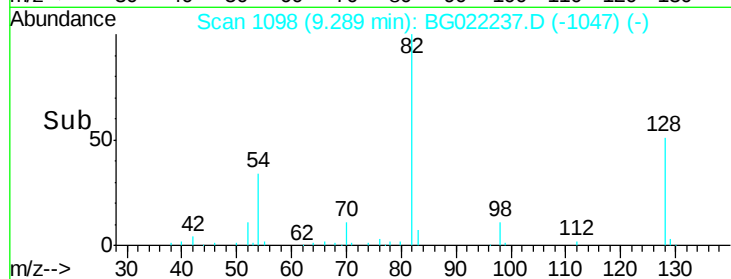
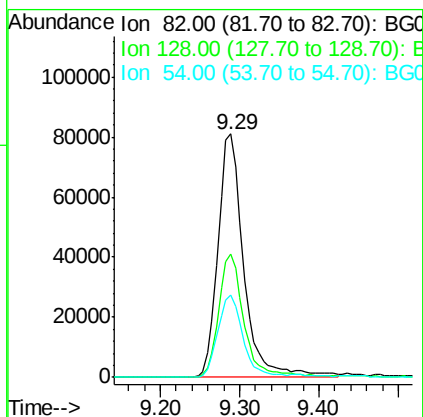
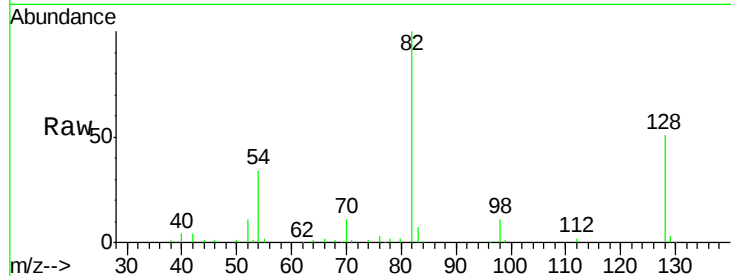




#23
 Nitrobenzene-d5
 Concen: 89.94 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BG022237.D
 Acq: 8 Jun 2016 16:08

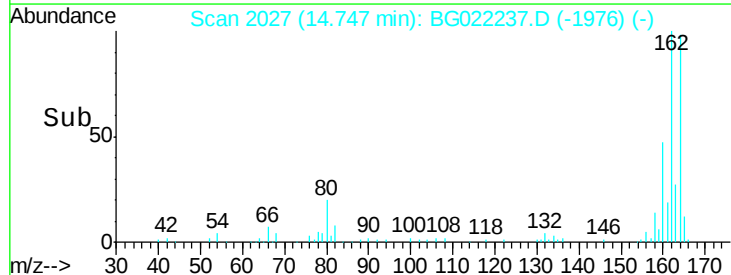
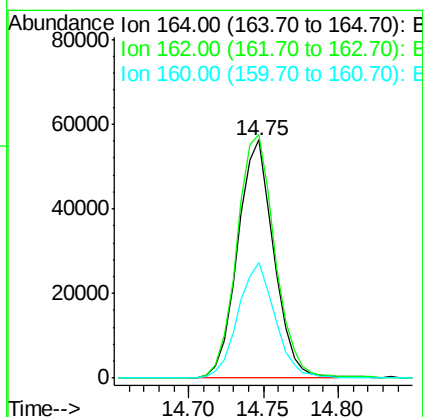
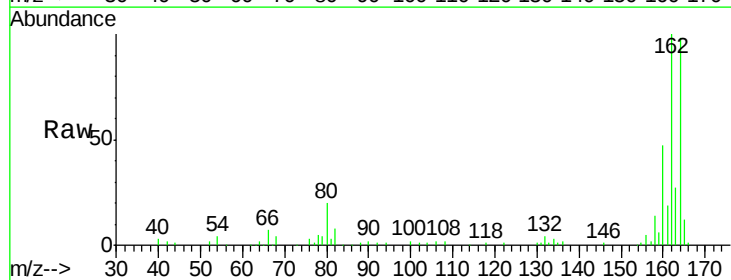
Instrument :
 BNA_G
 ClientSampleId :
 SB-19

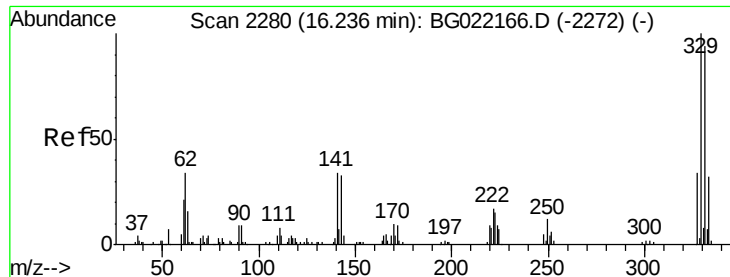
Tgt Ion: 82 Resp: 182664
 Ion Ratio Lower Upper
 82 100
 128 50.8 33.4 50.0#
 54 34.0 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BG022237.D
 Acq: 8 Jun 2016 16:08

Tgt Ion: 164 Resp: 94443
 Ion Ratio Lower Upper
 164 100
 162 102.3 78.0 117.0
 160 48.5 32.9 49.3

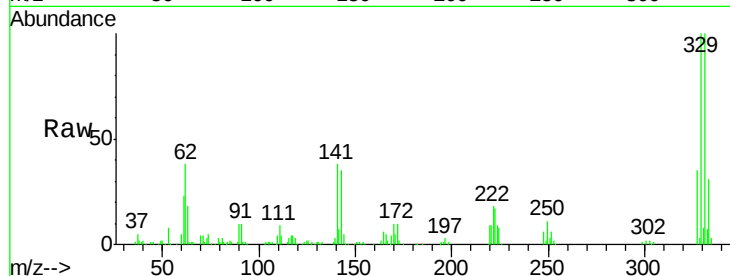




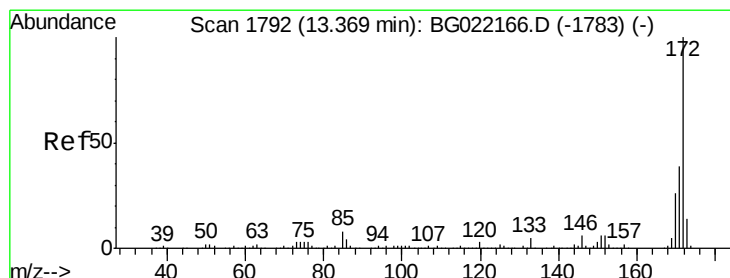
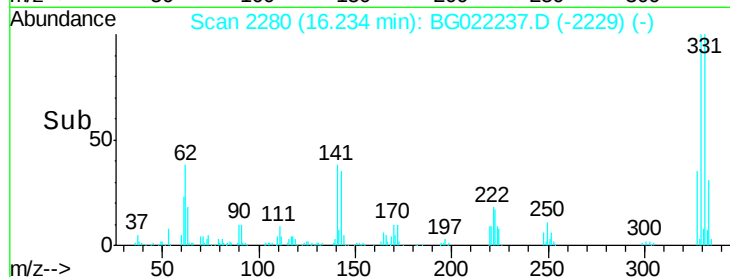
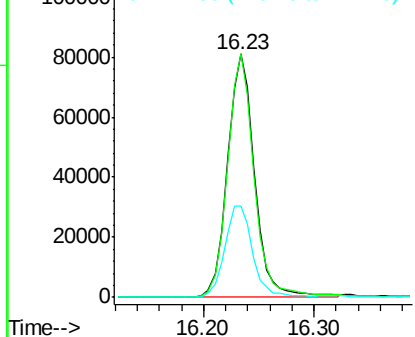
#41
 2,4,6-Tribromophenol
 Concen: 130.89 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022237.D
 Acq: 8 Jun 2016 16:08

Instrument :
 BNA_G
 ClientSampled :
 SB-19

Tgt Ion:330 Resp: 139685
 Ion Ratio Lower Upper
 330 100
 332 99.1 78.0 117.0
 141 39.4 33.8 50.8

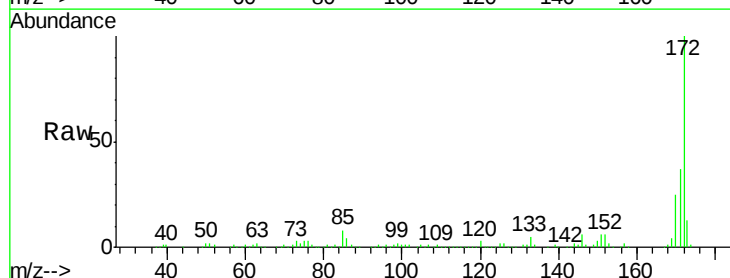


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

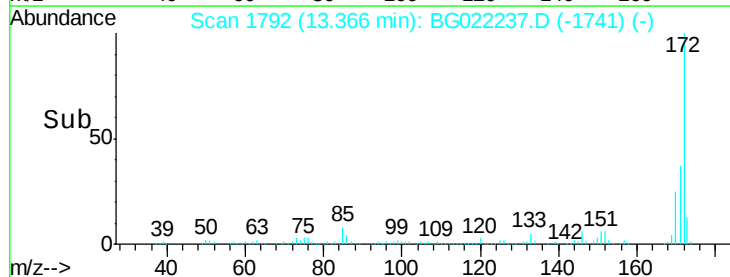
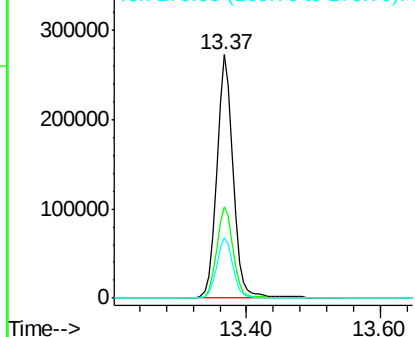


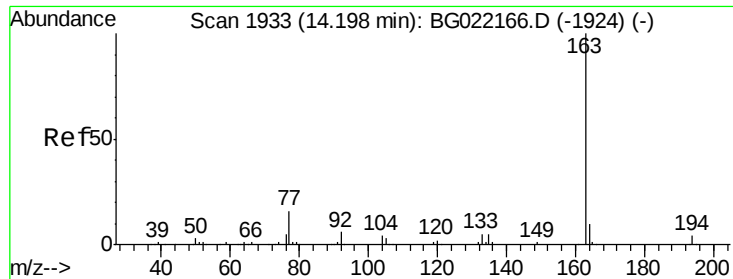
#44
 2-Fluorobiphenyl
 Concen: 76.14 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022237.D
 Acq: 8 Jun 2016 16:08

Tgt Ion:172 Resp: 471858
 Ion Ratio Lower Upper
 172 100
 171 37.3 27.8 41.6
 170 25.0 19.6 29.4



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





#49

Dimethylphthalate

Concen: 13.65 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG022237.D

Acq: 8 Jun 2016 16:08

Instrument :

BNA_G

ClientSampleId :

SB-19

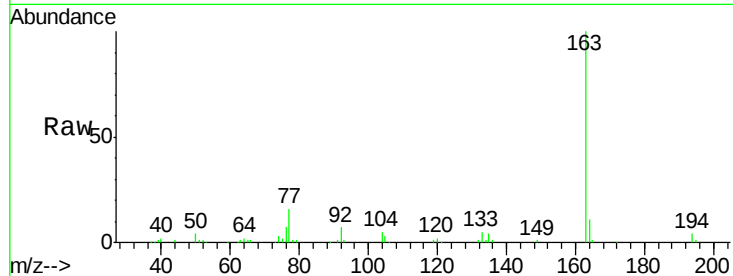
Tgt Ion:163 Resp: 106912

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

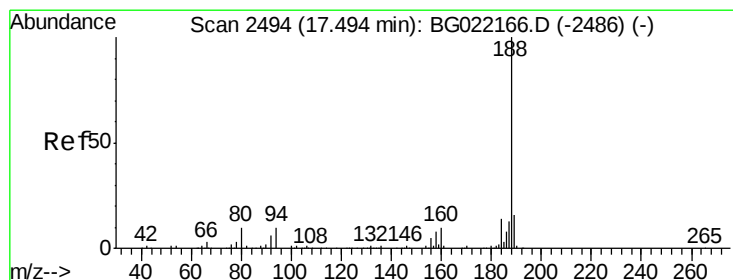
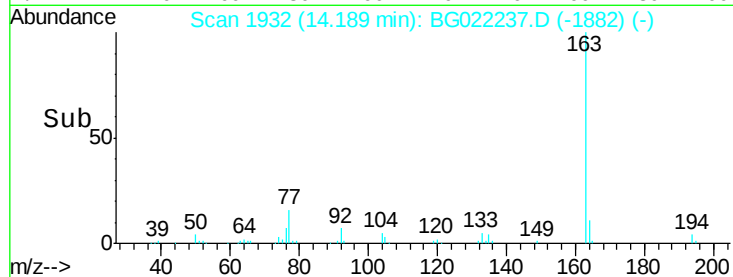
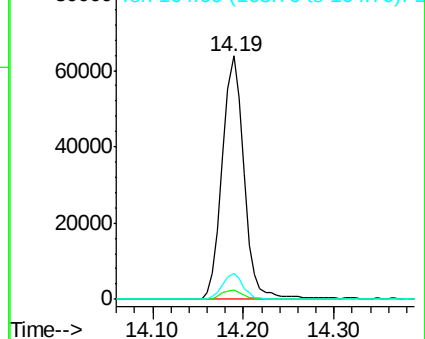
164 10.7 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BG022237.D

Acq: 8 Jun 2016 16:08

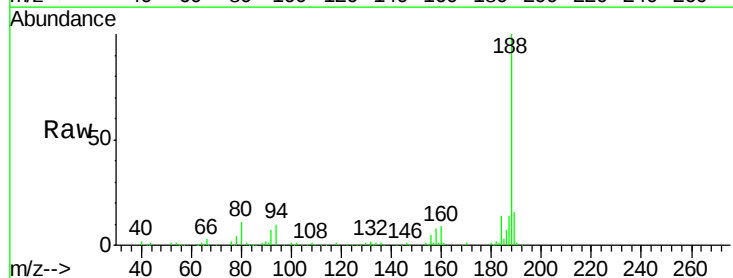
Tgt Ion:188 Resp: 211087

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

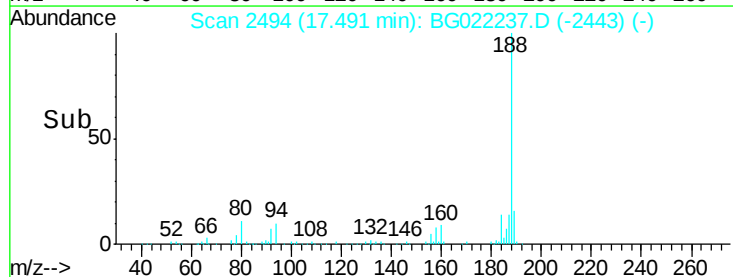
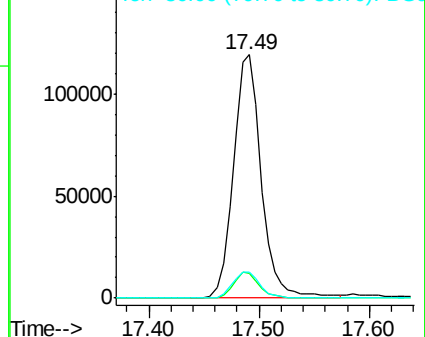
80 10.5 8.6 13.0

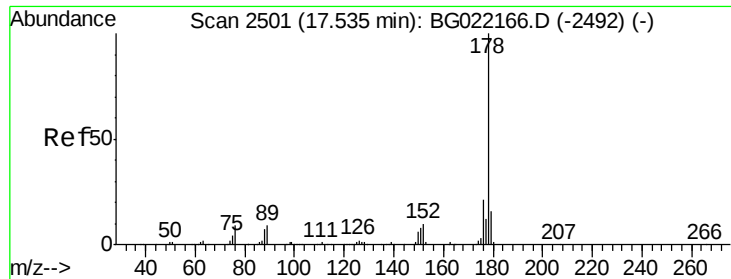


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 2.06 ng

RT: 17.53 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG022237.D

Acq: 8 Jun 2016 16:08

Instrument :

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ClientSampleId :

SB-19

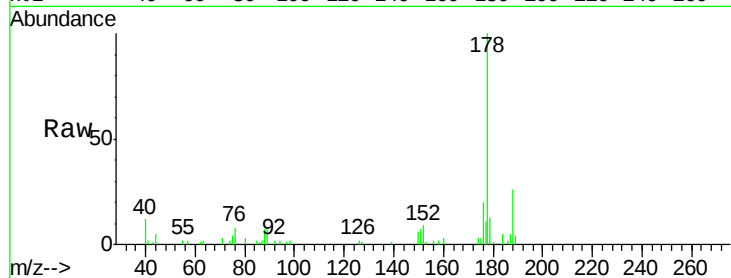
Tgt Ion:178 Resp: 23639

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.4

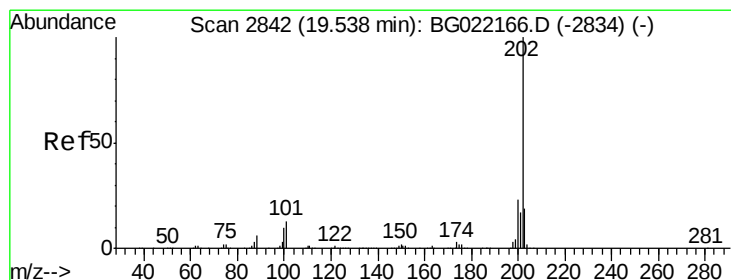
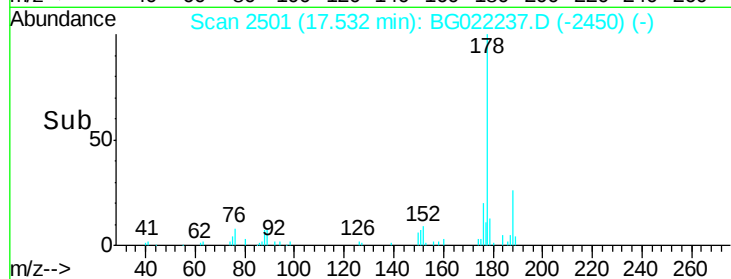
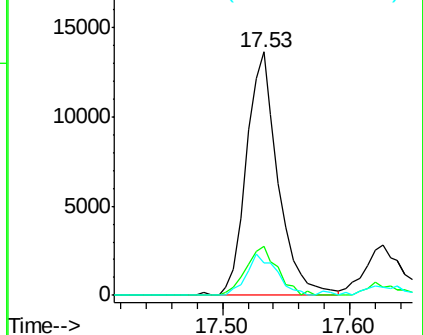
179 13.3 12.0 18.0



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



#74

Fluoranthene

Concen: 3.74 ng

RT: 19.53 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG022237.D

Acq: 8 Jun 2016 16:08

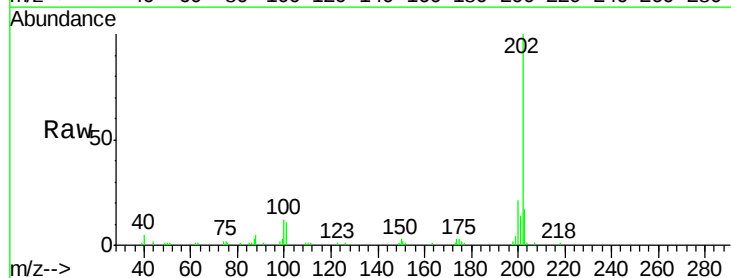
Tgt Ion:202 Resp: 49266

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.0

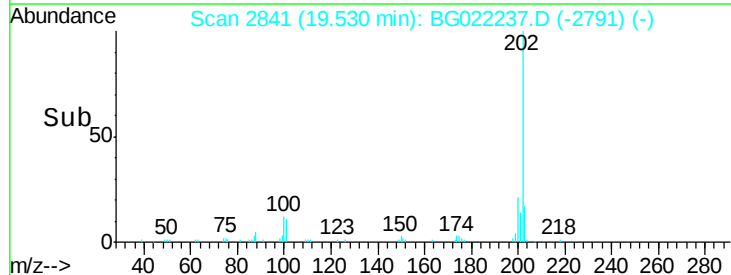
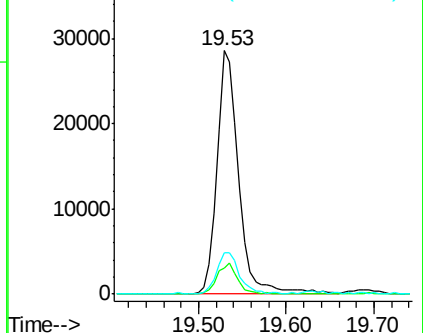
203 17.1 0.0 37.9

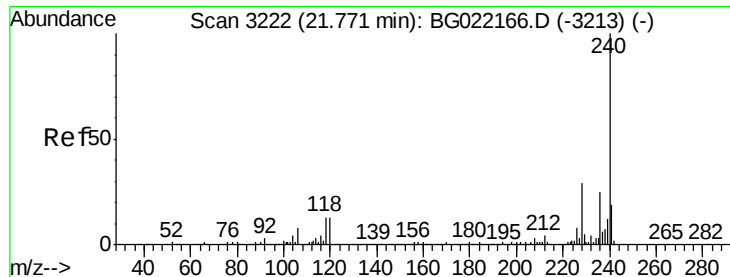


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022237.D

Acq: 8 Jun 2016 16:08

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SB-19

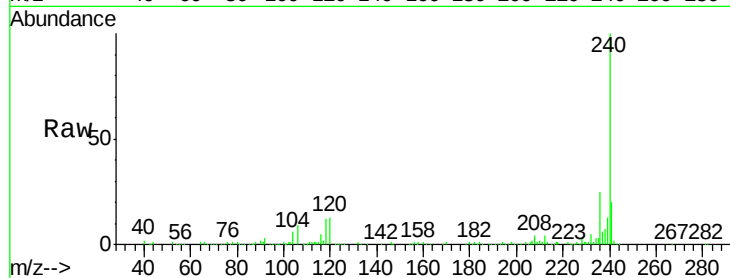
Tgt Ion:240 Resp: 198417

Ion Ratio Lower Upper

240 100

120 13.0 8.4 12.6#

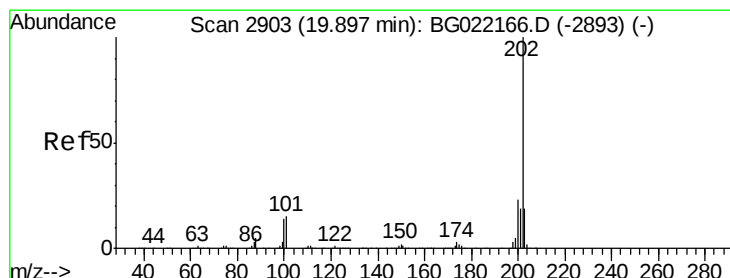
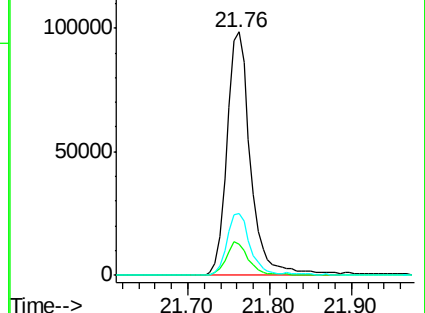
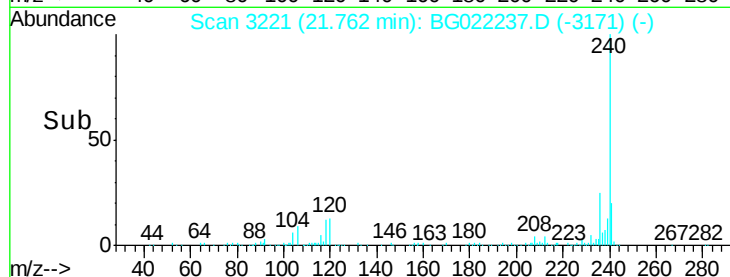
236 25.5 19.6 29.4



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



#77

Pyrene

Concen: 3.48 ng

RT: 19.89 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG022237.D

Acq: 8 Jun 2016 16:08

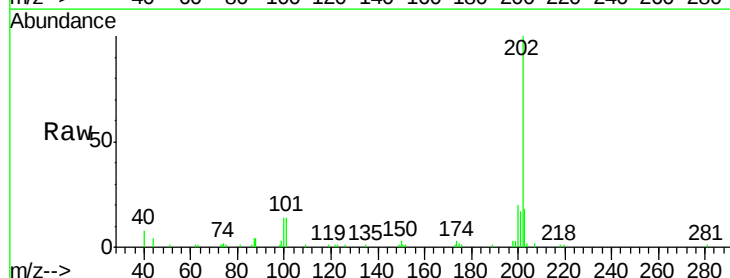
Tgt Ion:202 Resp: 42972

Ion Ratio Lower Upper

202 100

200 19.6 18.2 27.2

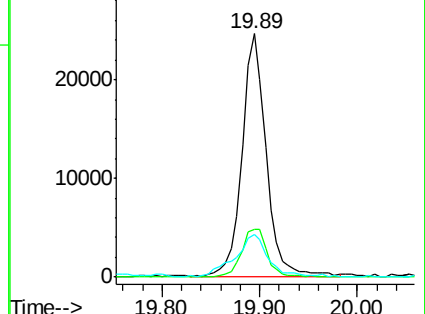
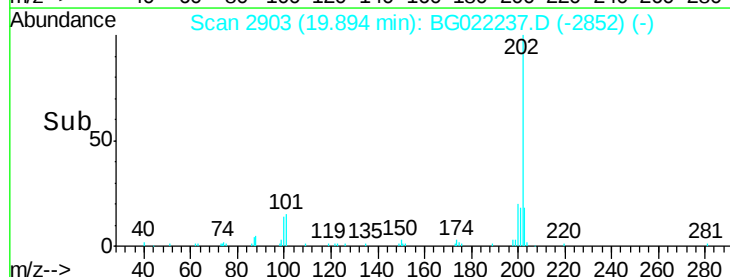
203 17.6 15.0 22.4

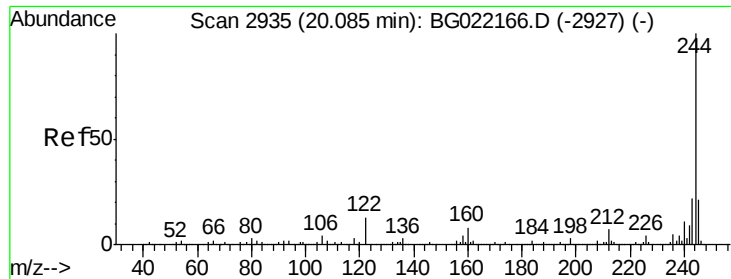


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 78.97 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022237.D

Acq: 8 Jun 2016 16:08

Instrument :

BNA_G

ClientSampleId :

SB-19

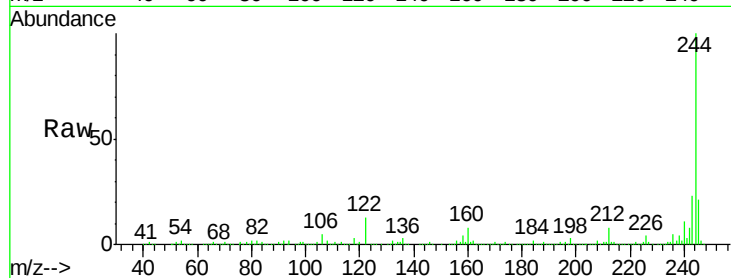
Tgt Ion:244 Resp: 659960

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

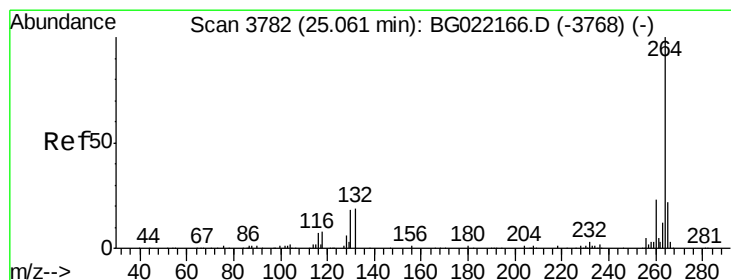
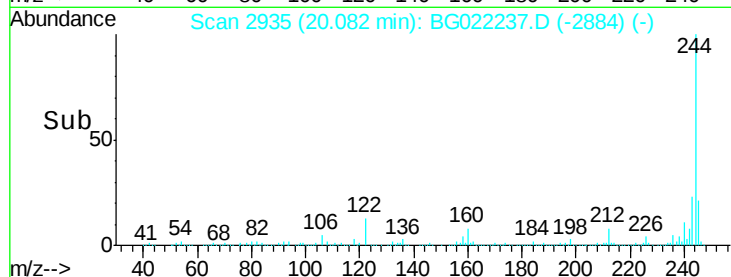
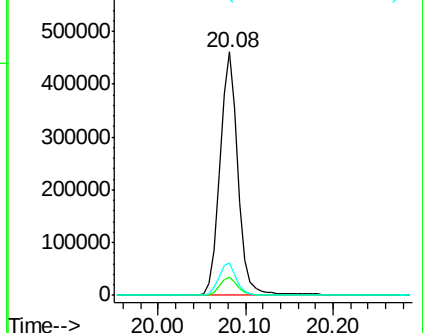
122 13.1 8.6 12.8#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.05 min Scan# 3781

Delta R.T. -0.01 min

Lab File: BG022237.D

Acq: 8 Jun 2016 16:08

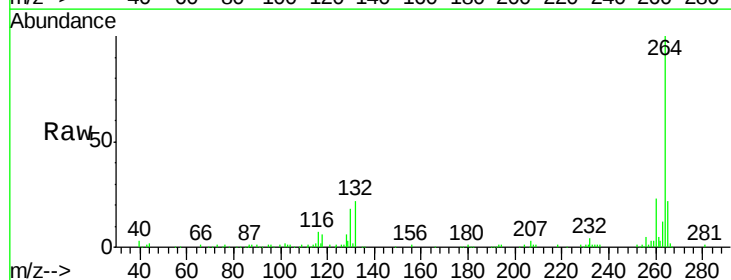
Tgt Ion:264 Resp: 188865

Ion Ratio Lower Upper

264 100

260 23.2 20.2 30.4

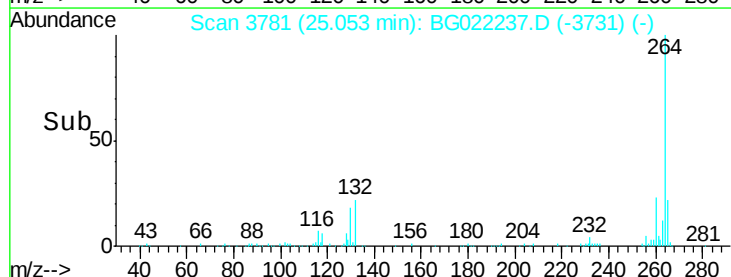
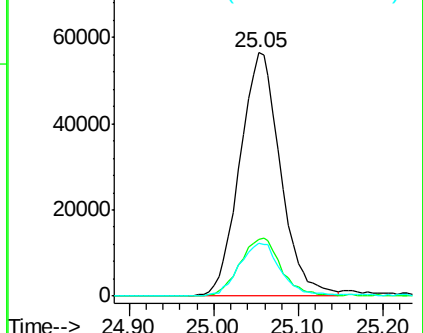
265 21.8 17.8 26.8

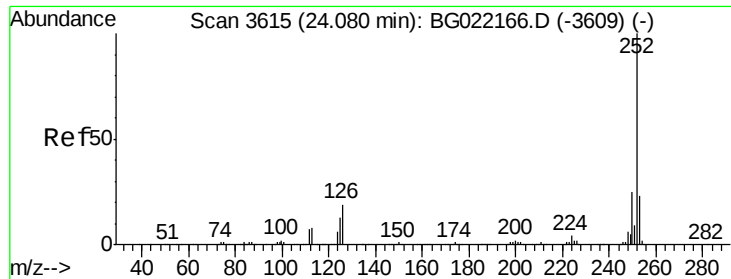


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(k)fluoranthene

Concen: 2.03 ng

RT: 24.01 min Scan# 3603

Delta R.T. -0.07 min

Lab File: BG022237.D

Acq: 8 Jun 2016 16:08

Instrument :

BNA_G

ClientSampleId :

SB-19

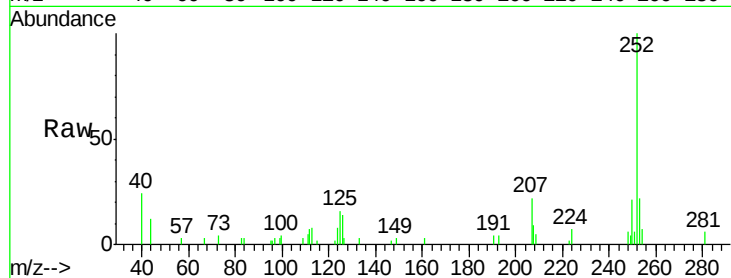
Tgt Ion:252 Resp: 21983

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 15.6 8.3 12.5#



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

