

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
 Data File : BG021206.D
 Acq On : 2 Mar 2016 5:41
 Operator : UM/SJ
 Sample : H1521-19RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-5+20(0-2)RE

Quant Time: Mar 02 06:58:43 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 17:40:25 2016
 Response via : Initial Calibration

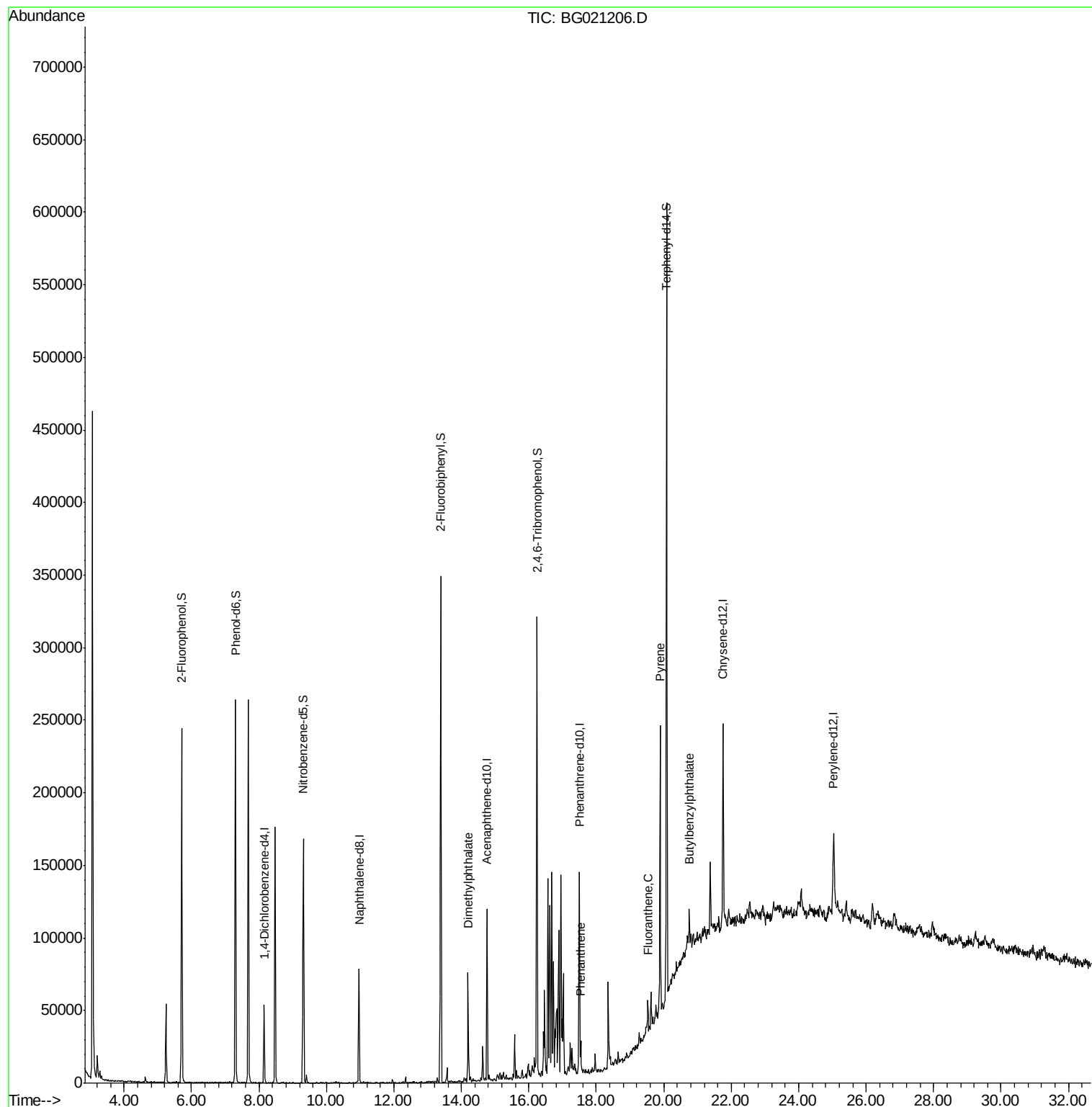
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	13398	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	62967	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	35869	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	76358	20.00	ng	0.00
75) Chrysene-d12	21.76	240	82677	20.00	ng	-0.01
86) Perylene-d12	25.04	264	60185	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	98408	116.77	ng	0.00
7) Phenol-d6	7.30	99	151369	109.23	ng	0.00
23) Nitrobenzene-d5	9.31	82	110097	73.99	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	39342	105.42	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	163507	64.73	ng	-0.01
78) Terphenyl-d14	20.08	244	207146	60.70	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.20	163	41708	13.05	ng	Qvalue # 99
70) Phenanthrene	17.54	178	10960	2.66	ng	99
74) Fluoranthene	19.53	202	12137	2.51	ng	96
77) Pyrene	19.89	202	11796	2.39	ng	95
79) Butylbenzylphthalate	20.76	149	5203	2.07	ng	# 80

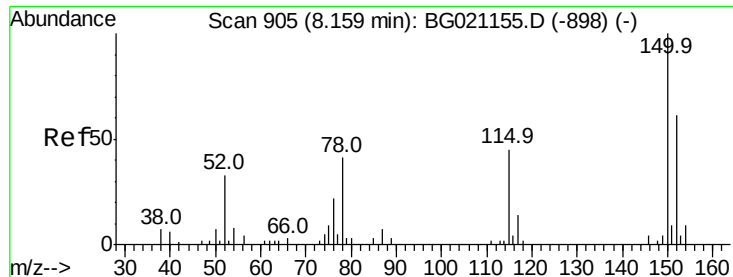
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 29 17:40:25 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG021206.D

Acq: 2 Mar 2016 5:41

Instrument :

BNA_G

ClientSampleId :

SP-5+20(0-2)RE

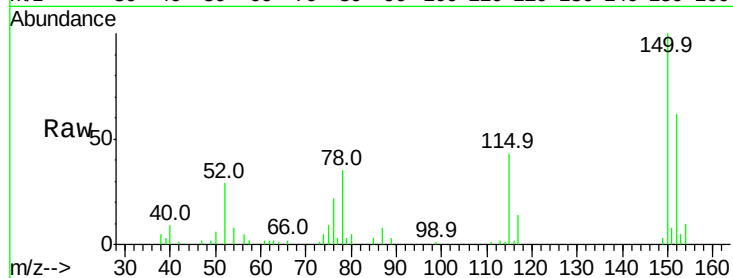
Tot Ion:152 Resp: 13398

Ion Ratio Lower Upper

152 100

150 161.1 123.4 185.2

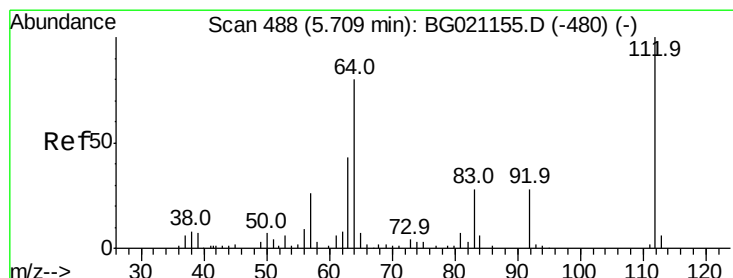
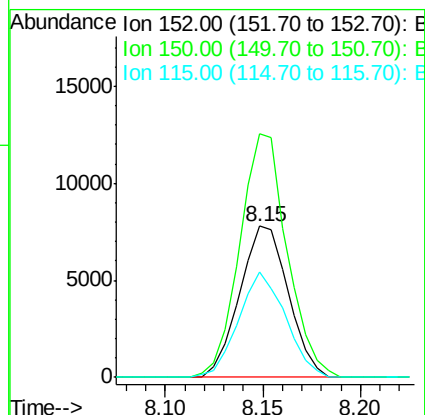
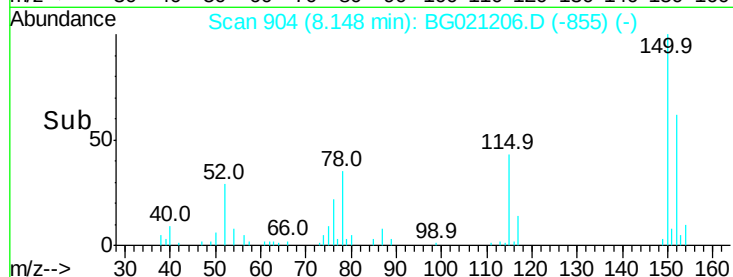
115 69.8 43.3 64.9#



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: 116.77 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG021206.D

Acq: 2 Mar 2016 5:41

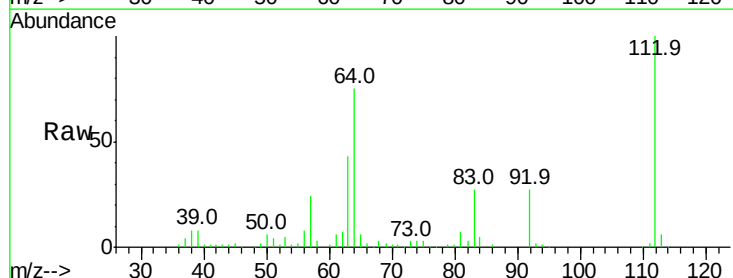
Tgt Ion:112 Resp: 98408

Ion Ratio Lower Upper

112 100

64 75.0 42.6 63.8#

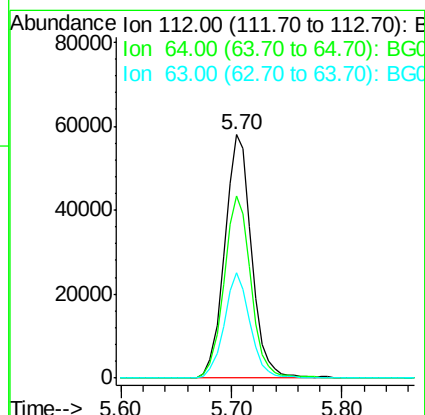
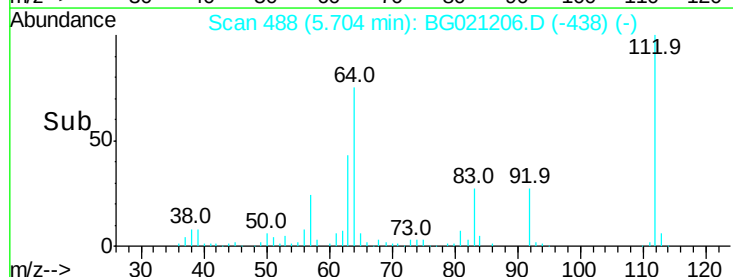
63 43.5 21.7 32.5#

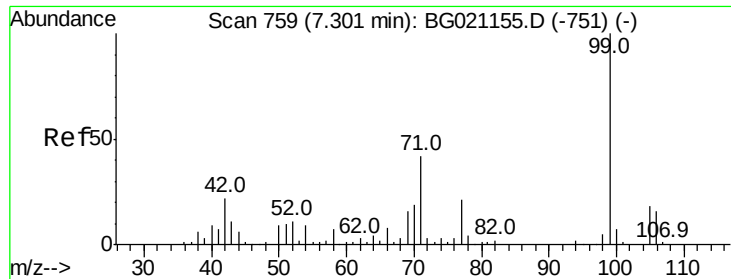


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 109.23 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG021206.D

Acq: 2 Mar 2016 5:41

Instrument :

BNA_G

ClientSampleId :

SP-5+20(0-2)RE

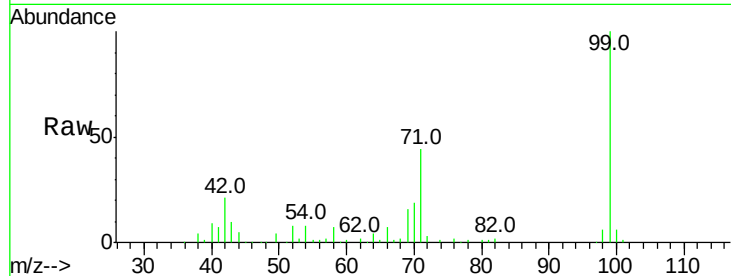
Tot Ion: 99 Resp: 151369

Ion Ratio Lower Upper

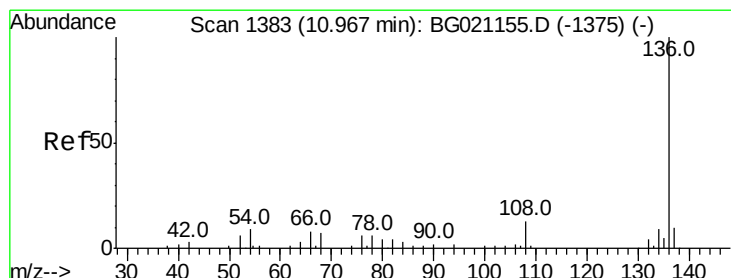
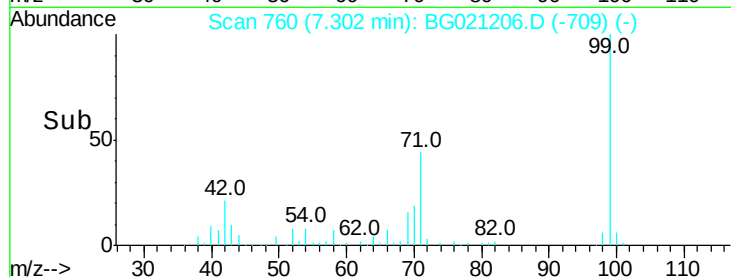
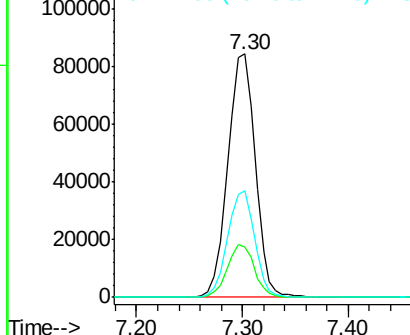
99 100

42 20.9 13.2 19.8#

71 43.8 25.2 37.8#



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: 10.96 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BG021206.D

Acq: 2 Mar 2016 5:41

Tgt Ion: 136 Resp: 62967

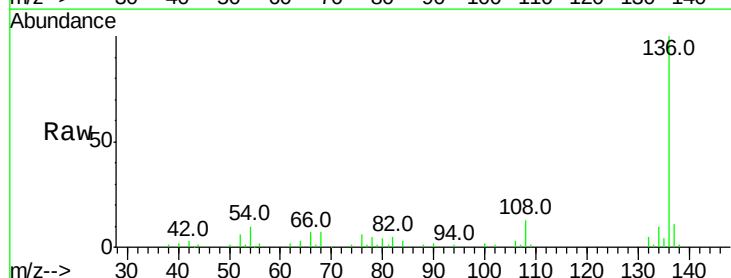
Ion Ratio Lower Upper

136 100

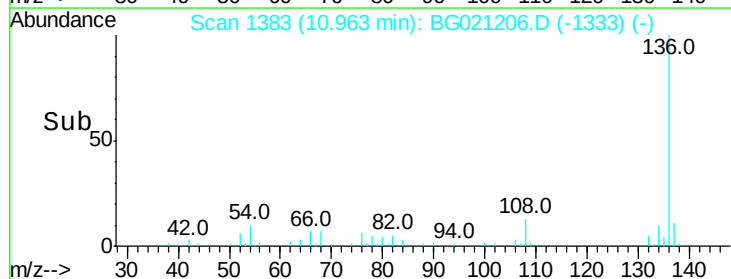
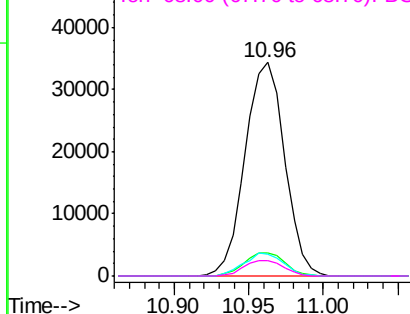
137 10.8 8.8 13.2

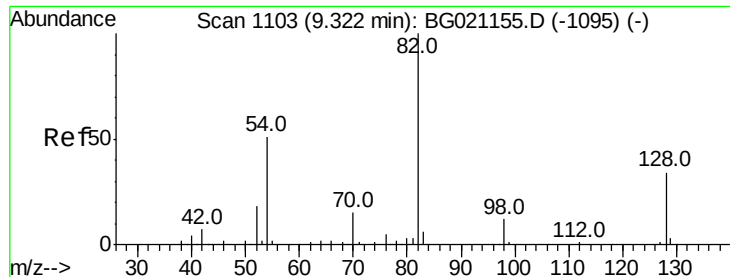
54 10.1 6.9 10.3

68 7.3 5.8 8.6



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

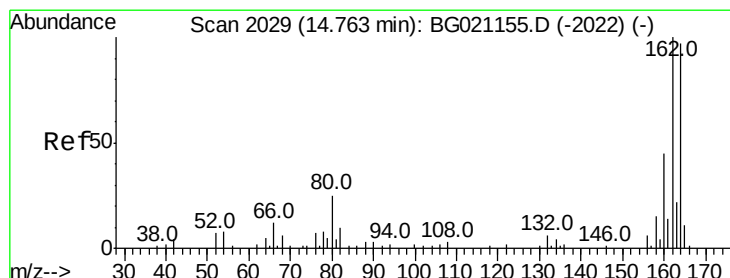
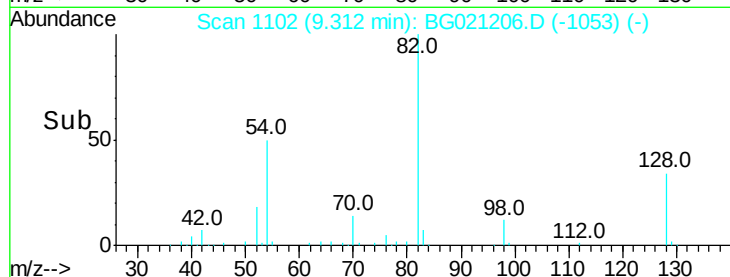
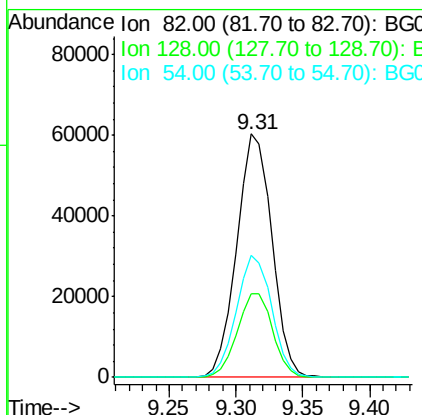
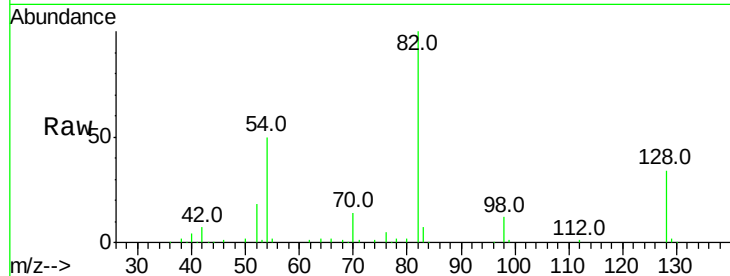




#23
 Nitrobenzene-d5
 Concen: 73.99 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BG021206.D
 Acq: 2 Mar 2016 5:41

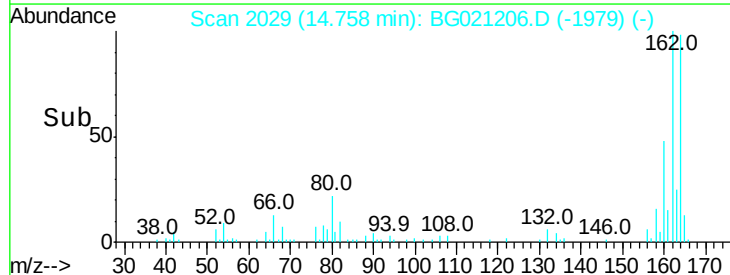
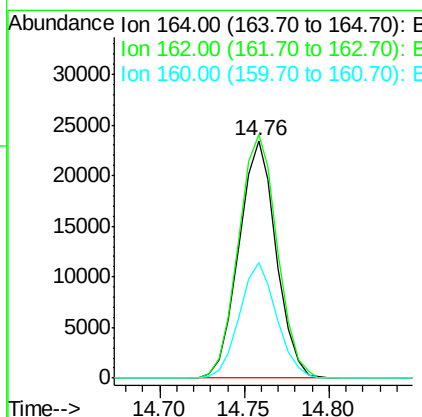
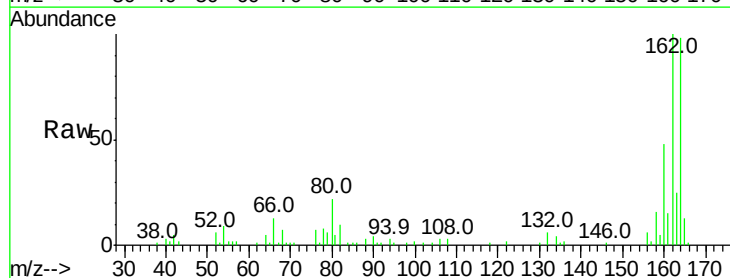
Instrument :
 BNA_G
 ClientSampleId :
 SP-5+20(0-2)RE

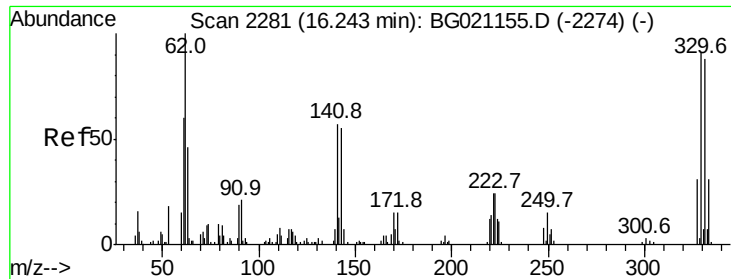
Tot Ion: 82 Resp: 110097
 Ion Ratio Lower Upper
 82 100
 128 34.2 36.3 54.5#
 54 49.9 37.6 56.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG021206.D
 Acq: 2 Mar 2016 5:41

Tgt Ion: 164 Resp: 35869
 Ion Ratio Lower Upper
 164 100
 162 102.4 80.6 120.8
 160 48.9 36.5 54.7





#41

2,4,6-Tribromophenol

Concen: 105.42 ng

RT: 16.24 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BG021206.D

Acq: 2 Mar 2016 5:41

Instrument :

BNA_G

ClientSampleId :

SP-5+20(0-2)RE

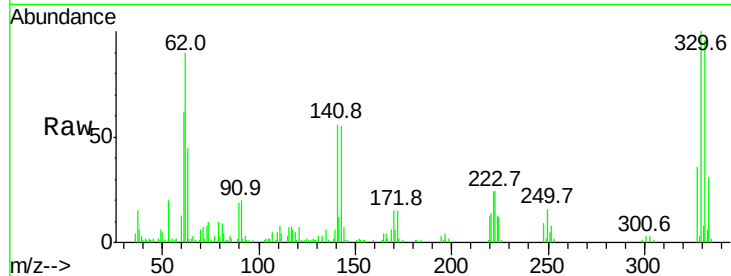
Tot Ion:330 Resp: 39342

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.0

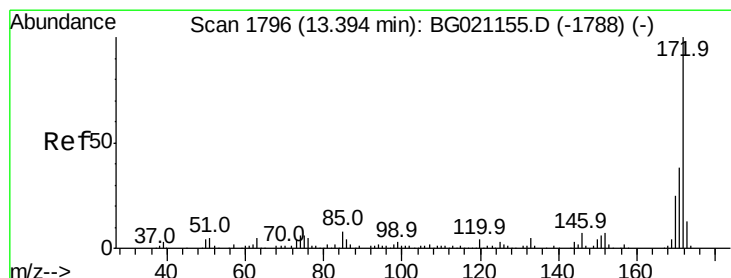
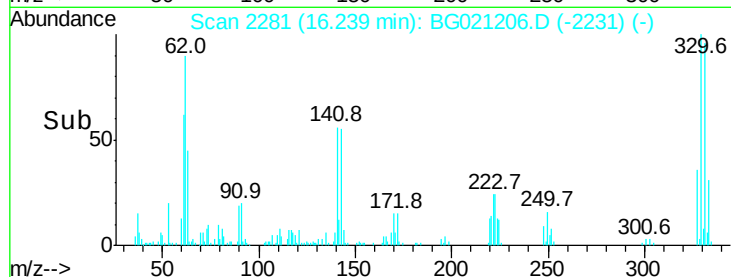
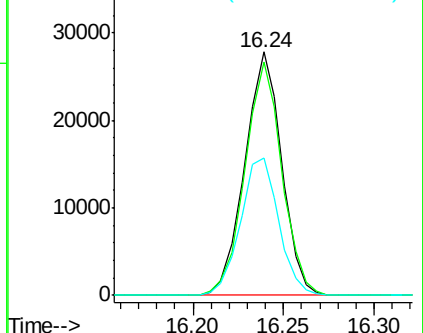
141 58.5 35.3 52.9#



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: 64.73 ng

RT: 13.38 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BG021206.D

Acq: 2 Mar 2016 5:41

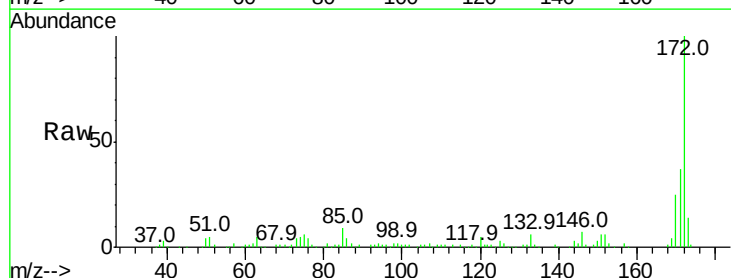
Tgt Ion:172 Resp: 163507

Ion Ratio Lower Upper

172 100

171 36.9 29.4 44.0

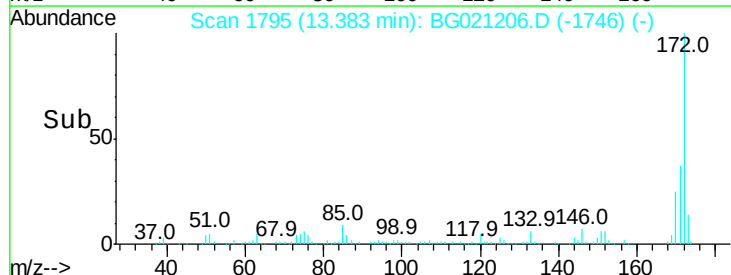
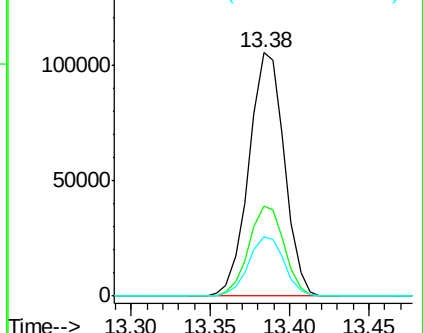
170 24.5 19.8 29.8

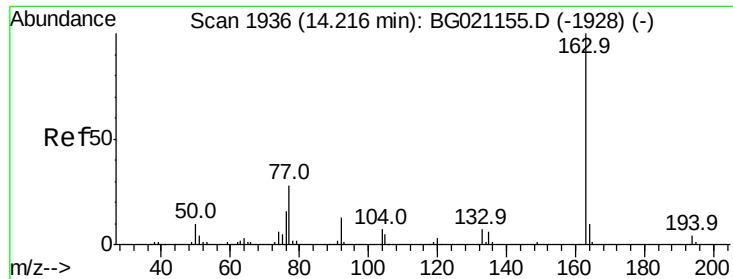


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 13.05 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.02 min

Lab File: BG021206.D

Acq: 2 Mar 2016 5:41

Instrument :

BNA_G

ClientSampleId :

SP-5+20(0-2)RE

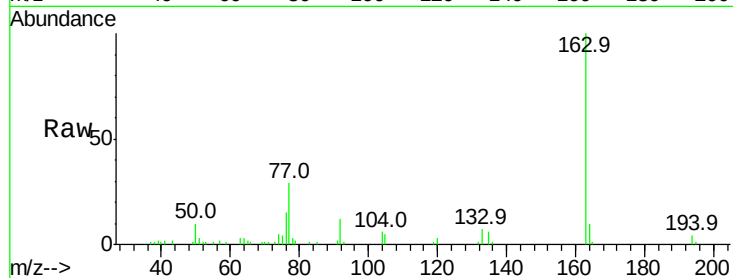
Tot Ion:163 Resp: 41708

Ion Ratio Lower Upper

163 100

194 4.3 2.8 4.2#

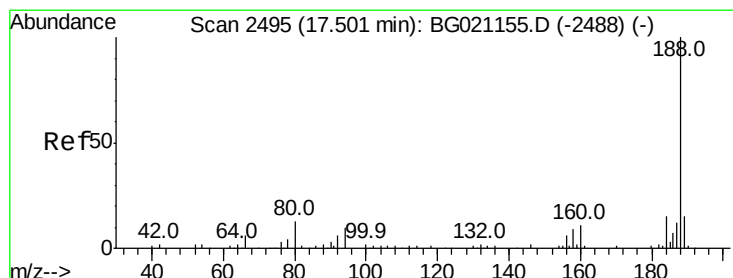
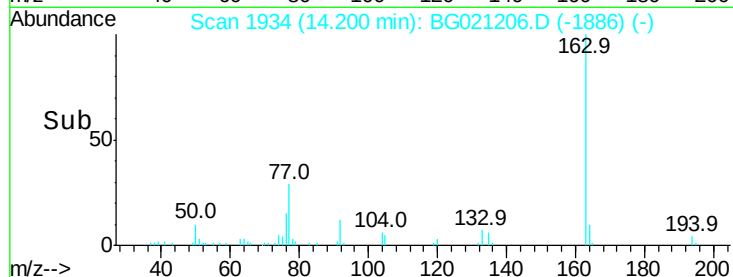
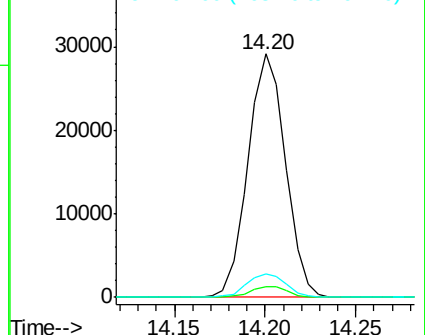
164 9.9 7.9 11.9



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.50 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BG021206.D

Acq: 2 Mar 2016 5:41

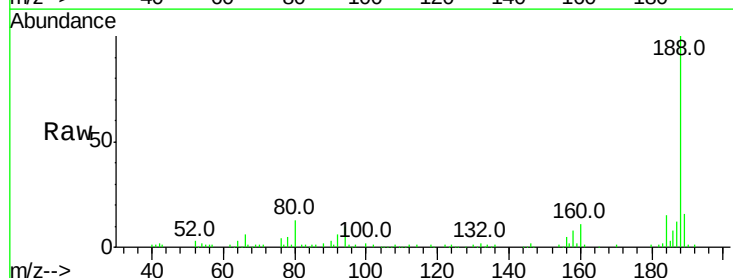
Tgt Ion:188 Resp: 76358

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.4

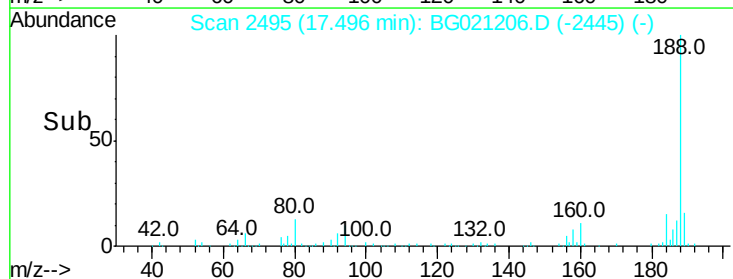
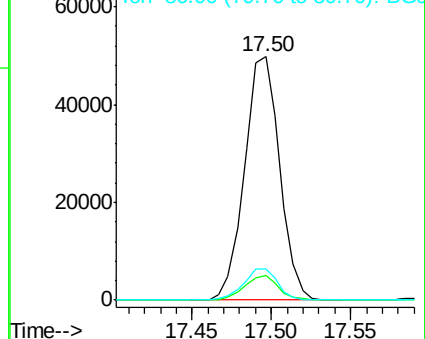
80 12.7 9.2 13.8

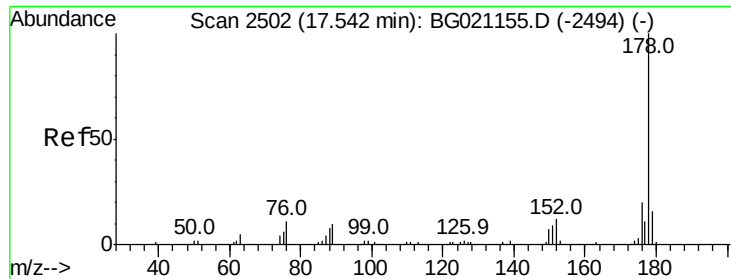


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

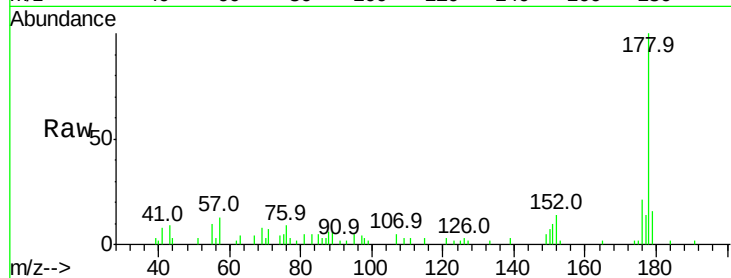




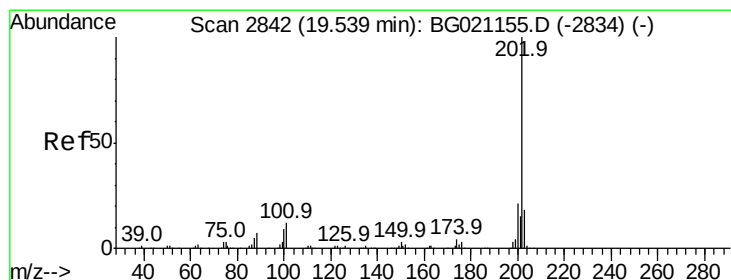
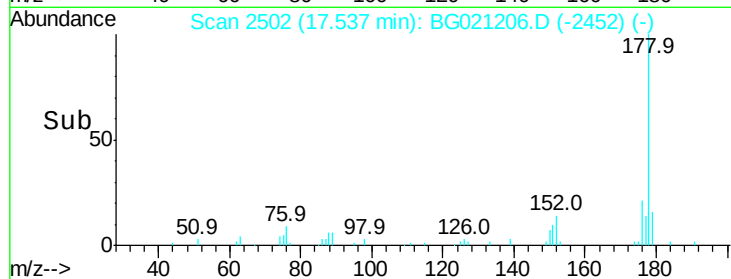
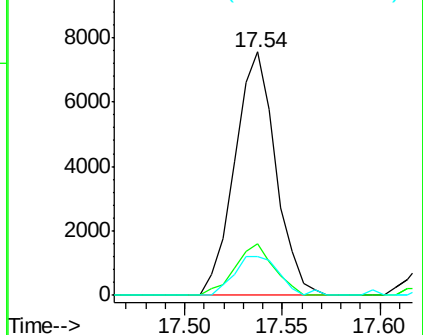
#70
Phenanthrene
Concen: 2.66 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BG021206.D
Acq: 2 Mar 2016 5:41

Instrument :
BNA_G
ClientSampleId :
SP-5+20(0-2)RE

Tot Ion:178 Resp: 10960
Ion Ratio Lower Upper
178 100
176 21.0 16.2 24.4
179 16.1 12.9 19.3

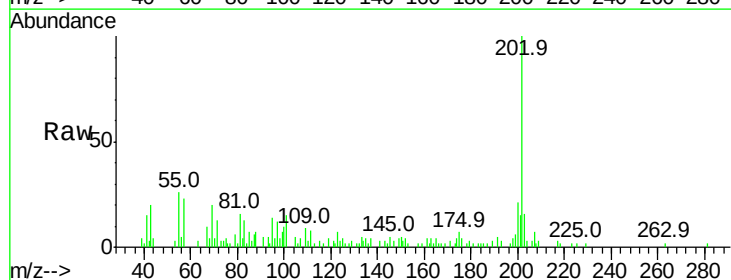


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

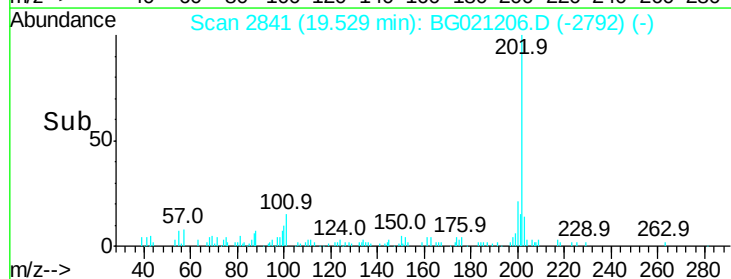
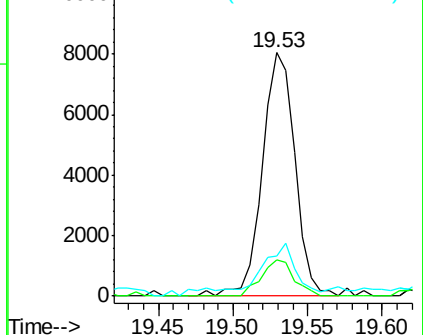


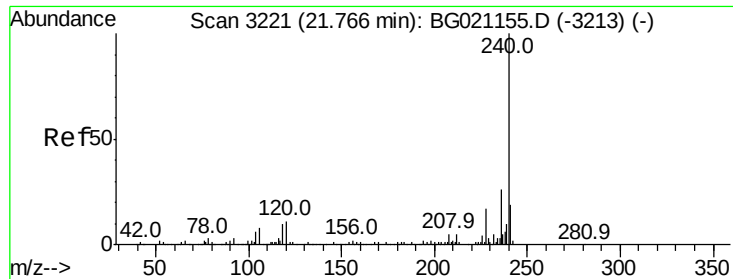
#74
Fluoranthene
Concen: 2.51 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BG021206.D
Acq: 2 Mar 2016 5:41

Tgt Ion:202 Resp: 12137
Ion Ratio Lower Upper
202 100
101 14.7 0.0 32.5
203 16.5 0.0 37.6



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# 3220

Delta R.T. -0.01 min

Lab File: BG021206.D

Acq: 2 Mar 2016 5:41

Instrument :

BNA_G

ClientSampleId :

SP-5+20(0-2)RE

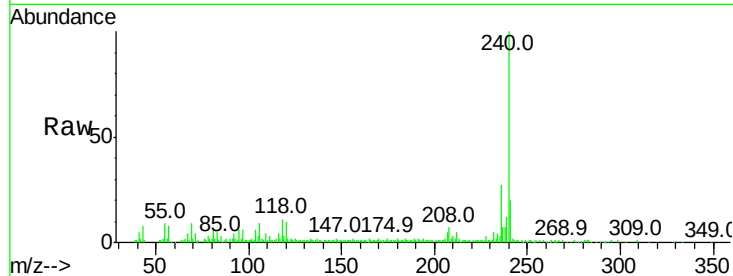
Tot Ion:240 Resp: 82677

Ion Ratio Lower Upper

240 100

120 10.1 7.5 11.3

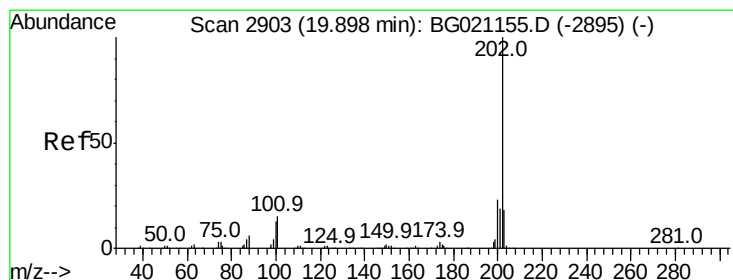
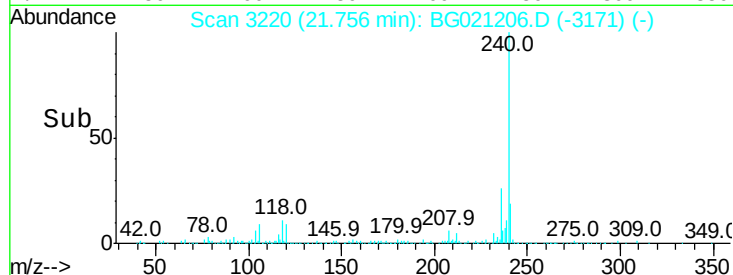
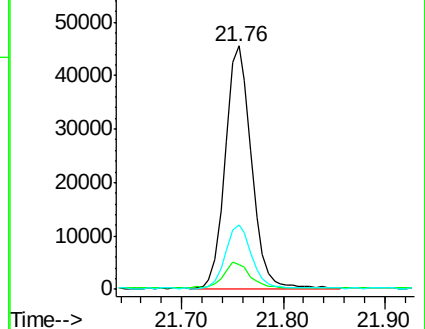
236 26.5 20.5 30.7



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: 2.39 ng

RT: 19.89 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG021206.D

Acq: 2 Mar 2016 5:41

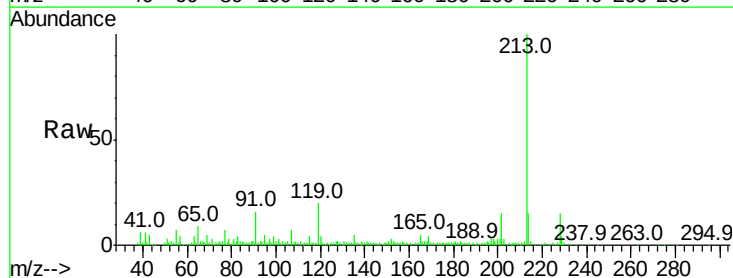
Tgt Ion:202 Resp: 11796

Ion Ratio Lower Upper

202 100

200 18.5 16.6 25.0

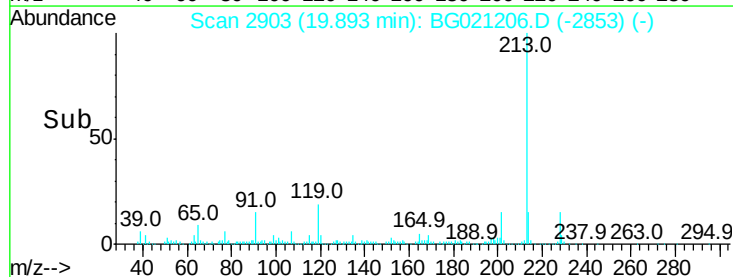
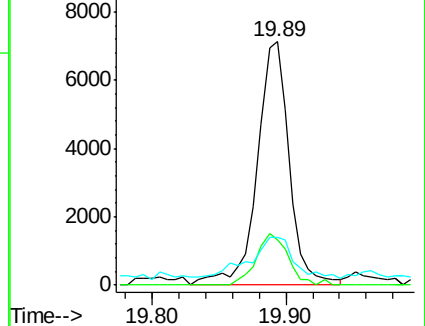
203 19.4 13.8 20.8

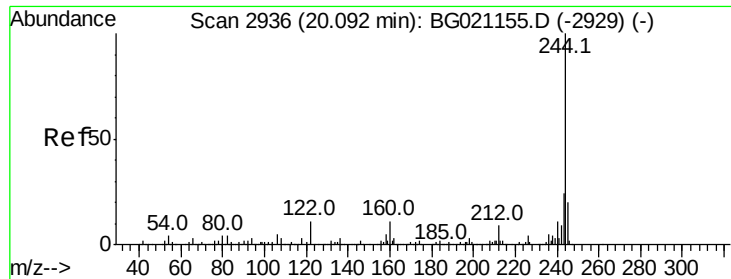


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 60.70 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BG021206.D

Acq: 2 Mar 2016 5:41

Instrument :

BNA_G

ClientSampleId :

SP-5+20(0-2)RE

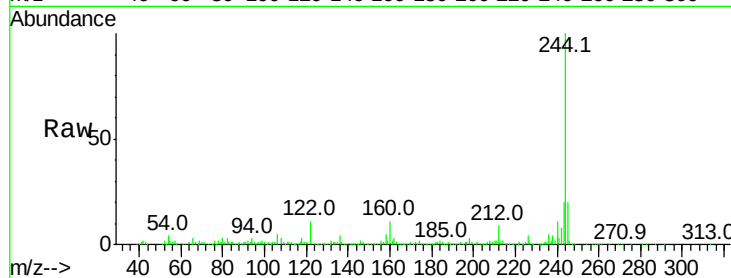
Tot Ion:244 Resp: 207146

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.6#

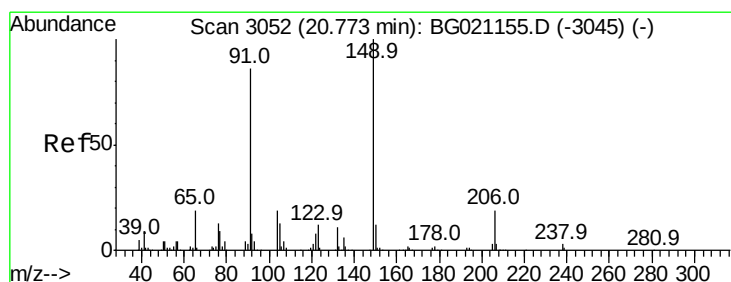
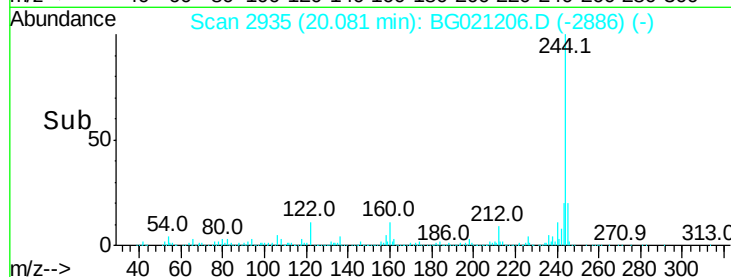
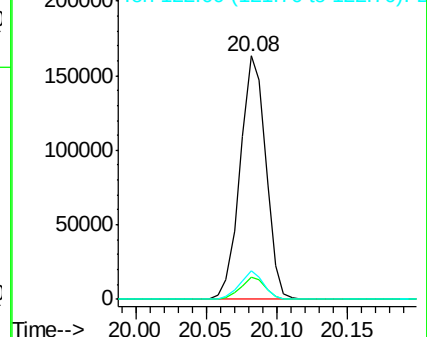
122 11.5 8.3 12.5



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: 2.07 ng

RT: 20.76 min Scan# 3051

Delta R.T. -0.01 min

Lab File: BG021206.D

Acq: 2 Mar 2016 5:41

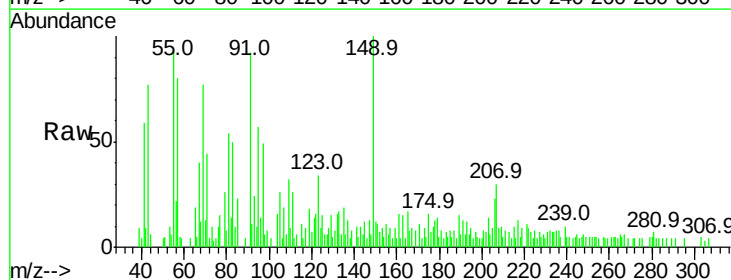
Tgt Ion:149 Resp: 5203

Ion Ratio Lower Upper

149 100

91 92.0 58.6 87.8#

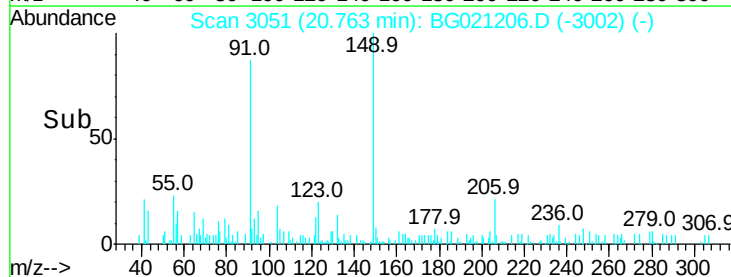
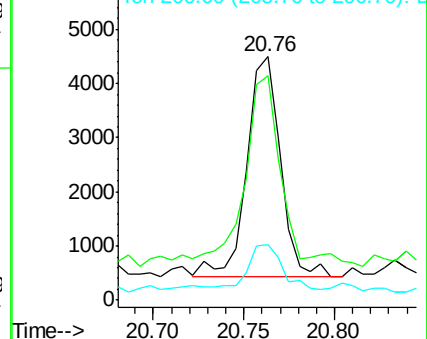
206 23.0 14.2 21.4#

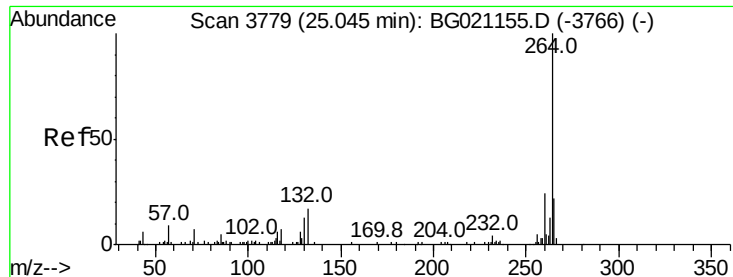


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

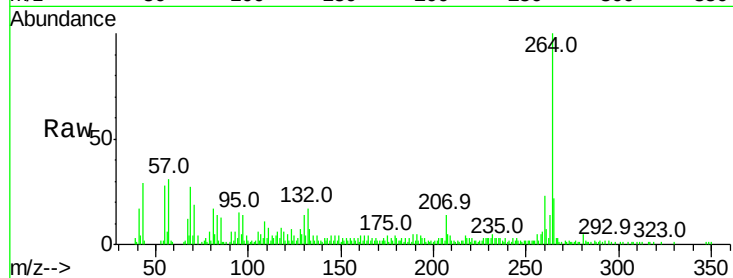




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3779
Delta R.T. -0.00 min
Lab File: BG021206.D
Acq: 2 Mar 2016 5:41

Instrument :
BNA_G
ClientSampleId :
SP-5+20(0-2)RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	22.1	18.6	28.0



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

