

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019853.D
 Acq On : 3 Dec 2015 3:06
 Operator : UM/NP
 Sample : G4624-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2(10-15)

Quant Time: Dec 03 05:39:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

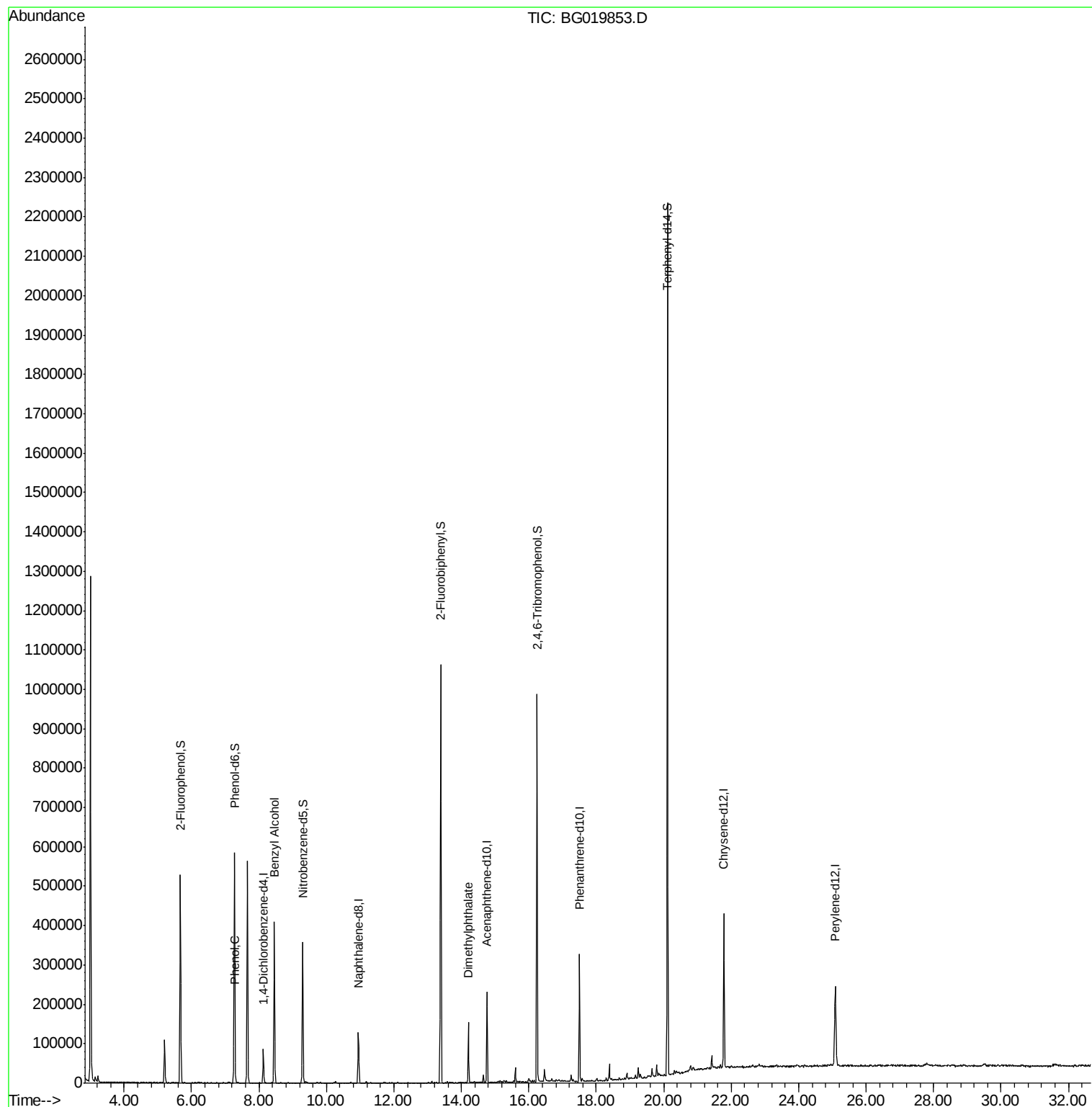
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	22735	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	105258	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	75796	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	193638	20.00	ng	0.00
75) Chrysene-d12	21.78	240	243551	20.00	ng	-0.01
86) Perylene-d12	25.08	264	225409	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	208631	165.85	ng	0.00
7) Phenol-d6	7.27	99	317646	167.25	ng	0.00
23) Nitrobenzene-d5	9.29	82	212264	102.92	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	174646	150.59	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	536520	96.65	ng	0.00
78) Terphenyl-d14	20.11	244	949428	95.09	ng	0.00
Target Compounds						
10) Phenol	7.30	94	4989	2.50	ng	# 56
15) Benzyl Alcohol	8.45	79	3866	2.32	ng	# 51
49) Dimethylphthalate	14.21	163	90463	13.27	ng	# 97

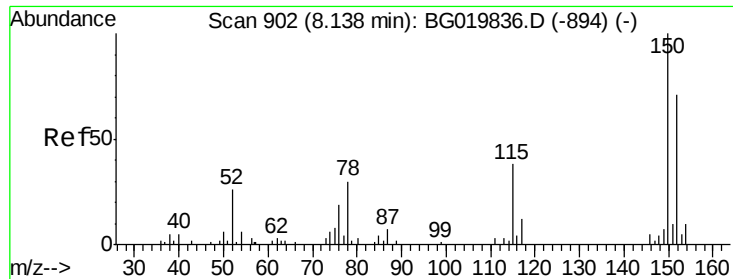
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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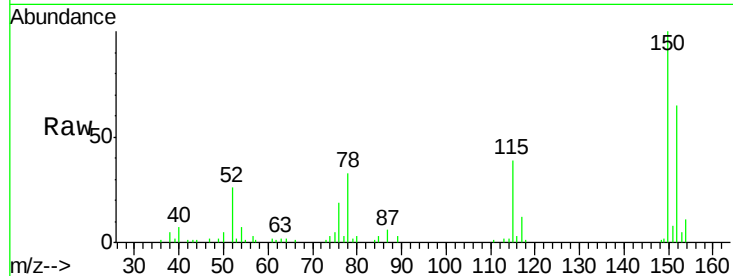




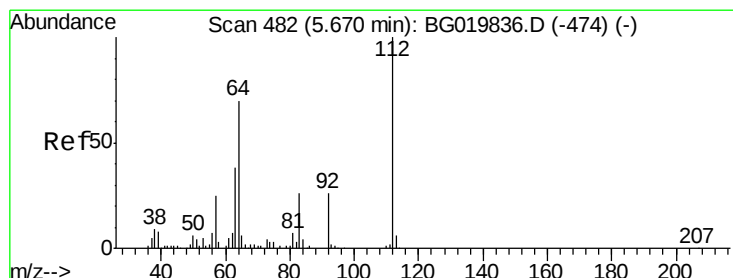
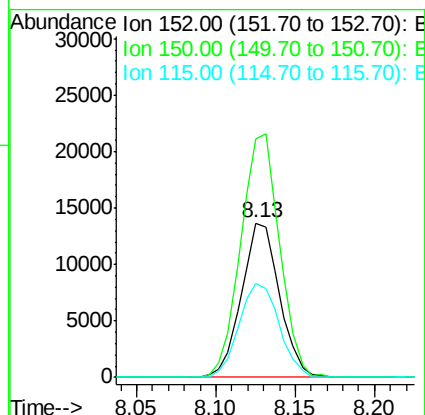
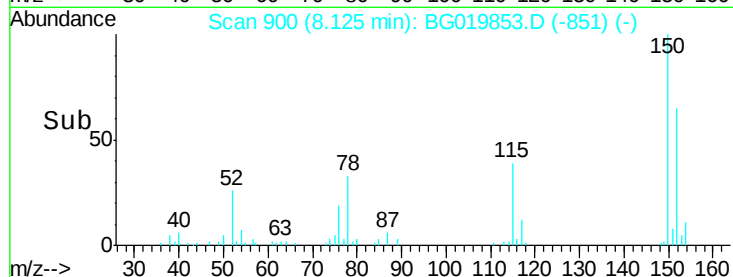
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.13 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG019853.D
 Acq: 3 Dec 2015 3:06

Instrument :
 BNA_G
 ClientSampleId :
 SB-2(10-15)

Tgt Ion:152 Resp: 22735
 Ion Ratio Lower Upper
 152 100
 150 154.6 115.0 172.4
 115 60.5 43.9 65.9

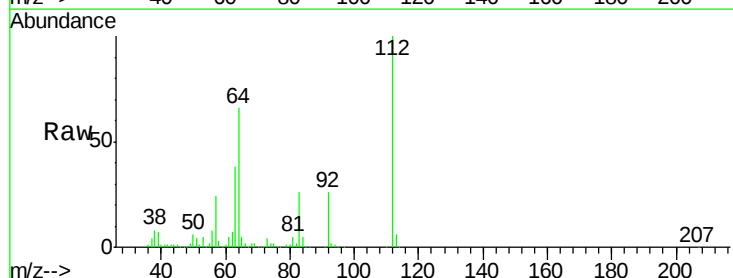


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

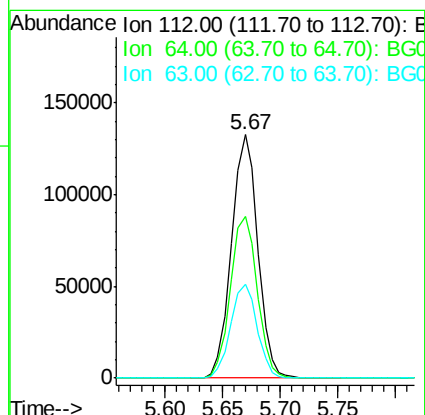
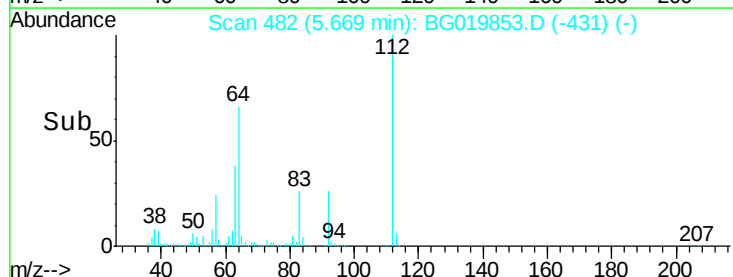


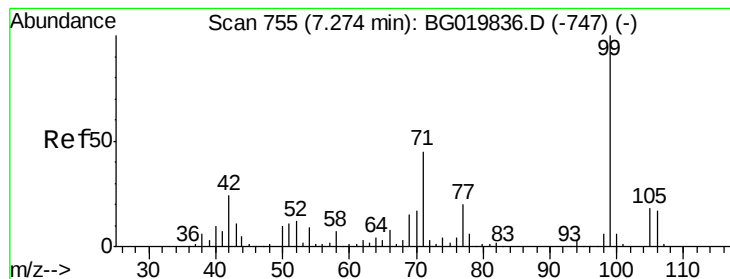
#5
 2-Fluorophenol
 Concen: 165.85 ng
 RT: 5.67 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: BG019853.D
 Acq: 3 Dec 2015 3:06

Tgt Ion:112 Resp: 208631
 Ion Ratio Lower Upper
 112 100
 64 66.2 43.7 65.5#
 63 38.3 24.0 36.0#



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: 167.25 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG019853.D

Acq: 3 Dec 2015 3:06

Instrument :

BNA_G

ClientSampleId :

SB-2(10-15)

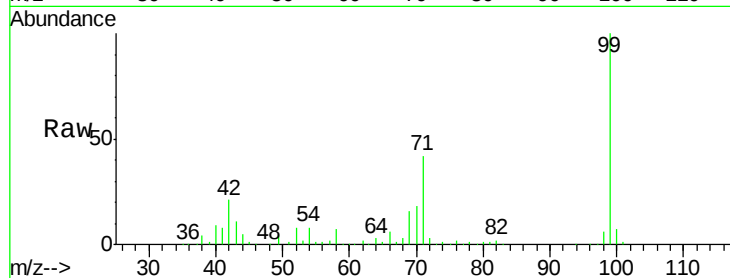
Tgt Ion: 99 Resp: 317646

Ion Ratio Lower Upper

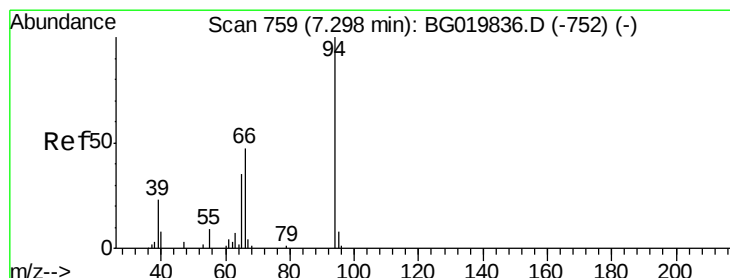
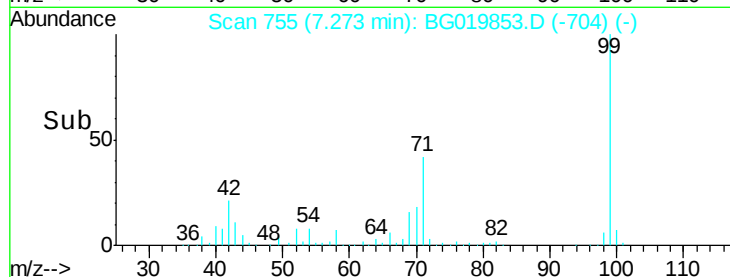
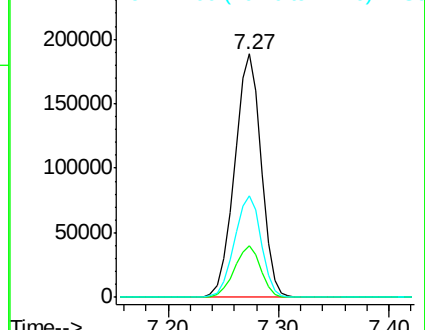
99 100

42 21.3 11.5 17.3#

71 41.7 22.6 34.0#



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



#10

Phenol

Concen: 2.50 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG019853.D

Acq: 3 Dec 2015 3:06

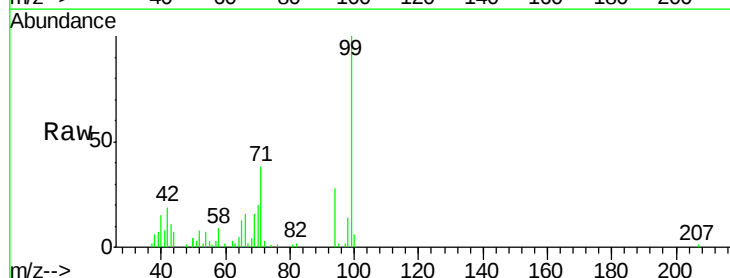
Tgt Ion: 94 Resp: 4989

Ion Ratio Lower Upper

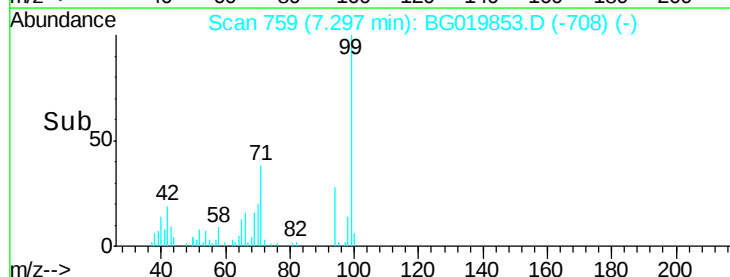
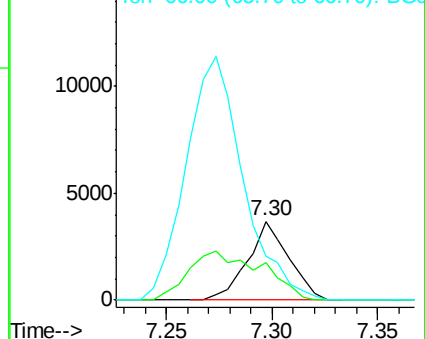
94 100

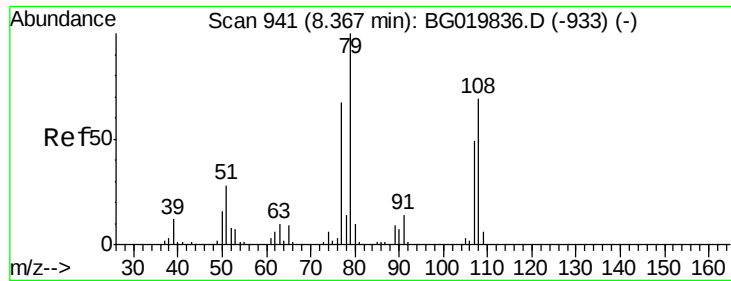
65 47.1 5.4 45.4#

66 56.4 11.8 51.8#



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





#15

Benzyl Alcohol

Concen: 2.32 ng

RT: 8.45 min Scan# 956

Delta R.T. 0.09 min

Lab File: BG019853.D

Acq: 3 Dec 2015 3:06

Instrument :

BNA_G

ClientSampleId :

SB-2(10-15)

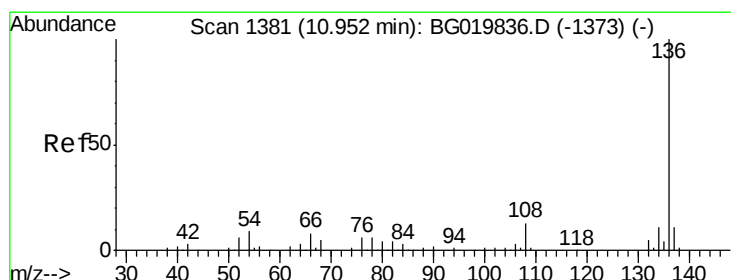
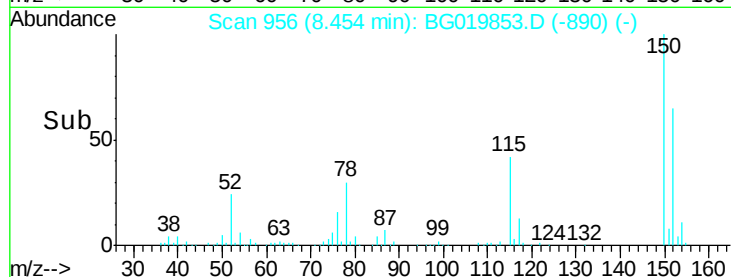
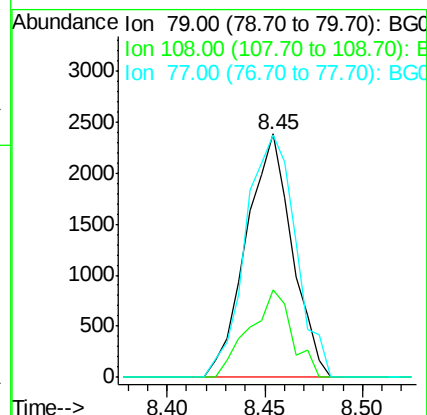
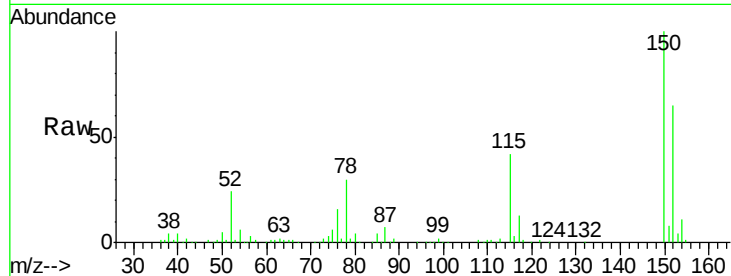
Tgt Ion: 79 Resp: 3866

Ion Ratio Lower Upper

79 100

108 36.0 65.5 98.3#

77 99.5 51.3 76.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.95 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BG019853.D

Acq: 3 Dec 2015 3:06

Tgt Ion: 136 Resp: 105258

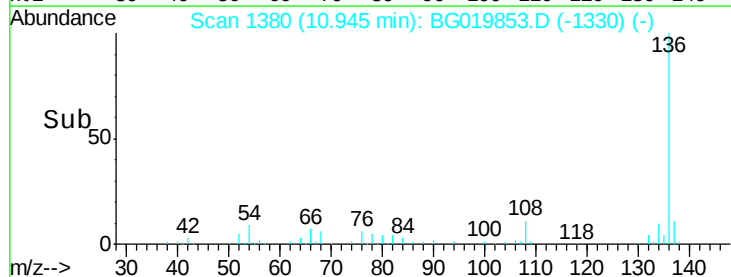
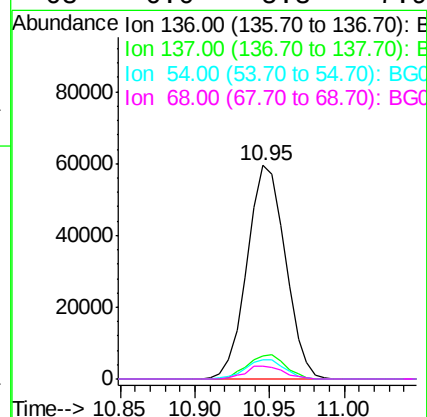
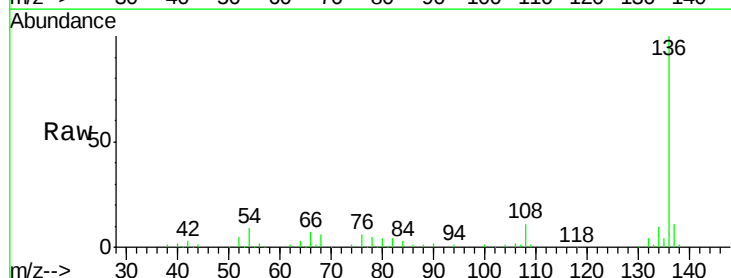
Ion Ratio Lower Upper

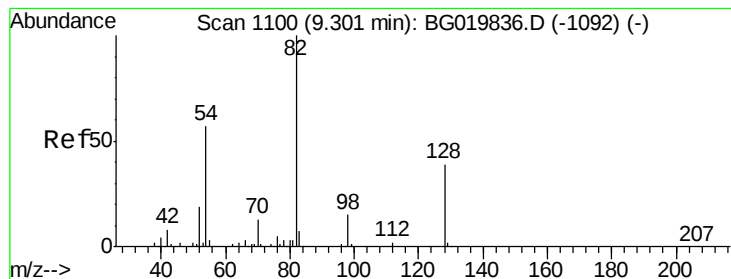
136 100

137 10.9 8.6 12.8

54 9.0 5.4 8.2#

68 6.0 5.3 7.9





#23

Nitrobenzene-d5

Concen: 102.92 ng

RT: 9.29 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG019853.D

Acq: 3 Dec 2015 3:06

Instrument :

BNA_G

ClientSampleId :

SB-2(10-15)

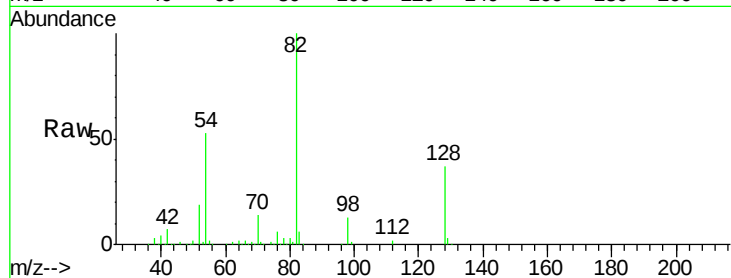
Tgt Ion: 82 Resp: 212264

Ion Ratio Lower Upper

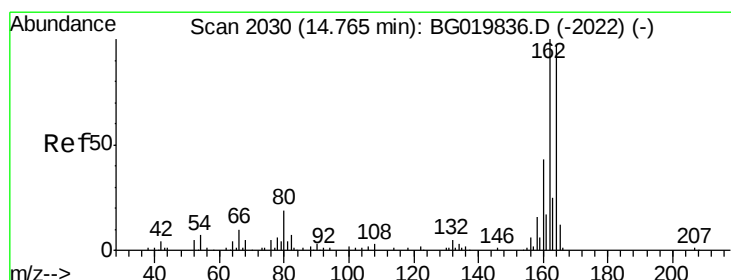
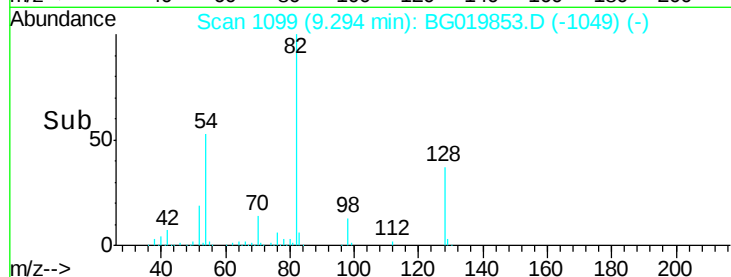
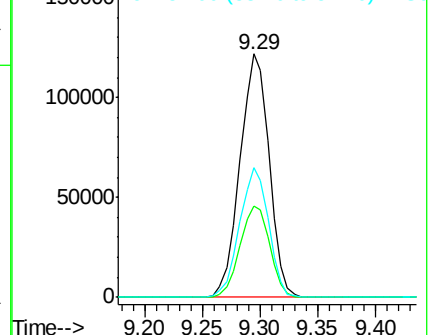
82 100

128 37.5 36.7 55.1

54 53.0 33.8 50.8#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BG019853.D

Acq: 3 Dec 2015 3:06

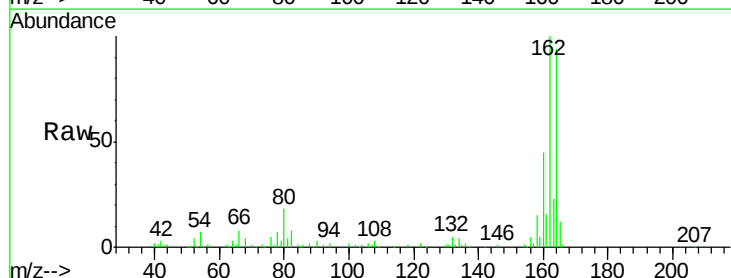
Tgt Ion: 164 Resp: 75796

Ion Ratio Lower Upper

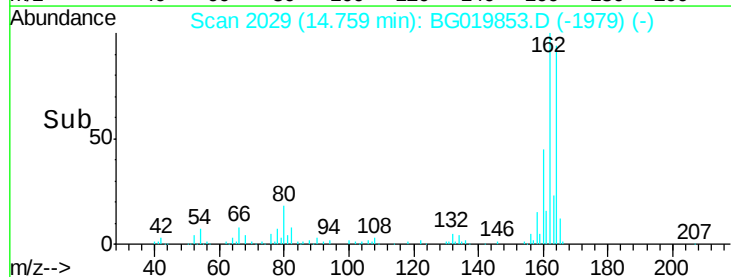
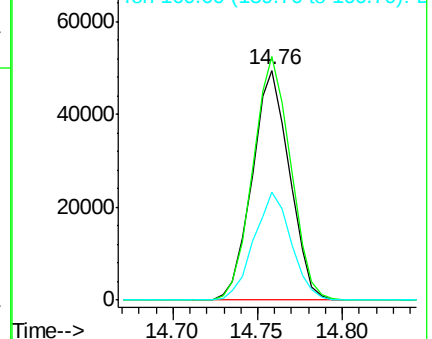
164 100

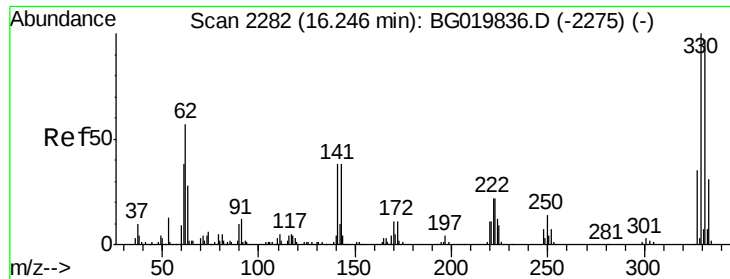
162 106.0 78.8 118.2

160 47.2 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

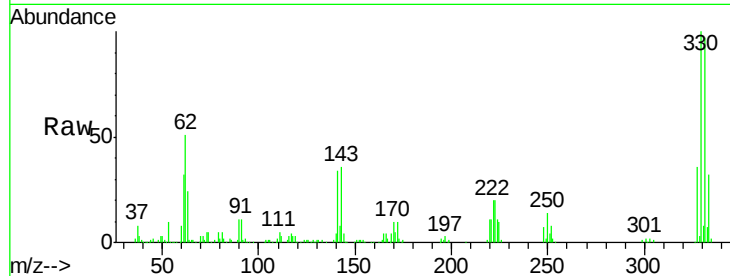




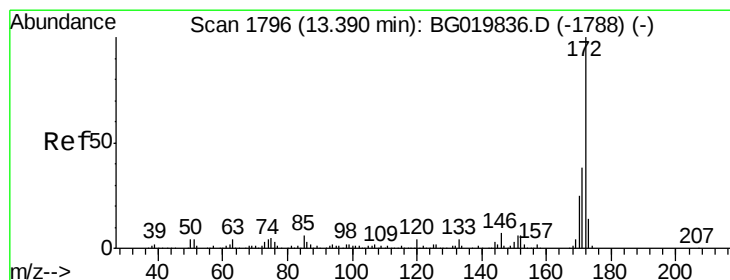
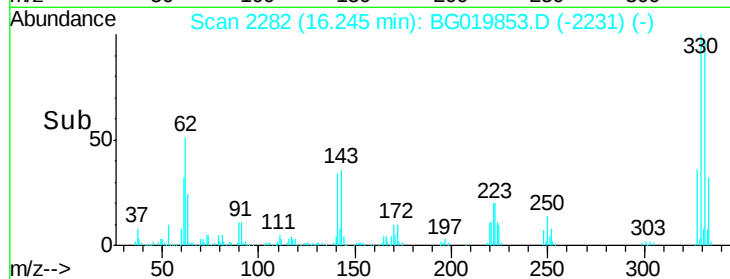
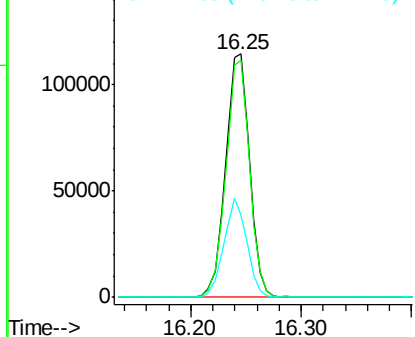
#41
 2,4,6-Tribromophenol
 Concen: 150.59 ng
 RT: 16.25 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: BG019853.D
 Acq: 3 Dec 2015 3:06

Instrument :
 BNA_G
 ClientSampled :
 SB-2(10-15)

Tgt Ion:330 Resp: 174646
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.1 117.1
 141 38.7 28.2 42.2

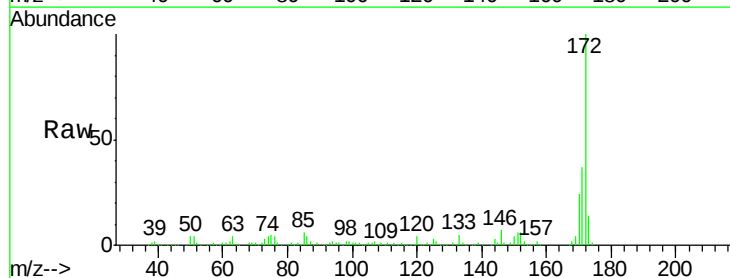


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

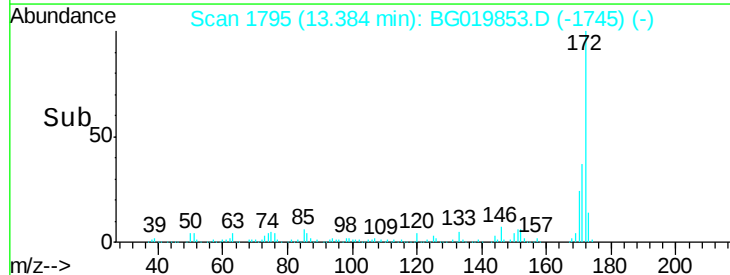
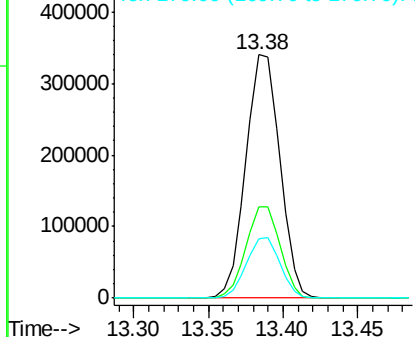


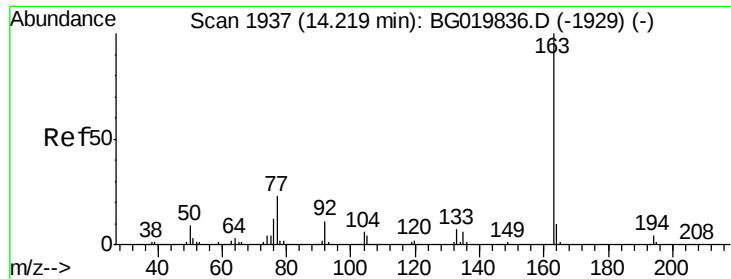
#44
 2-Fluorobiphenyl
 Concen: 96.65 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG019853.D
 Acq: 3 Dec 2015 3:06

Tgt Ion:172 Resp: 536520
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.0 43.6
 170 24.2 19.9 29.9



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: 13.27 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG019853.D

Acq: 3 Dec 2015 3:06

Instrument :

BNA_G

ClientSampleId :

SB-2(10-15)

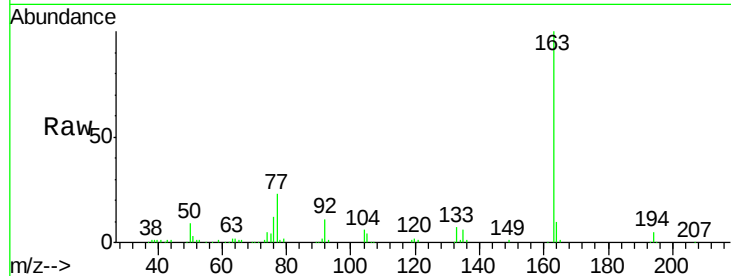
Tgt Ion:163 Resp: 90463

Ion Ratio Lower Upper

163 100

194 5.1 3.1 4.7#

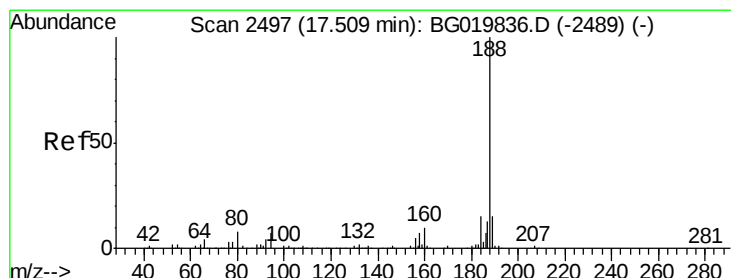
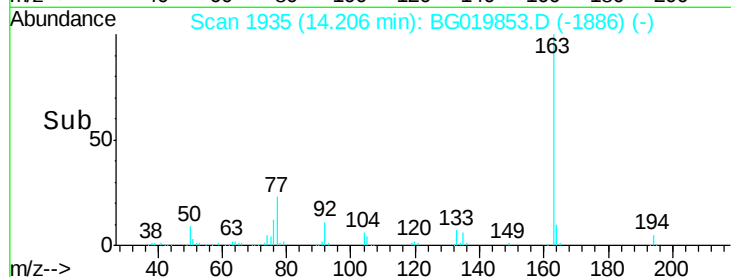
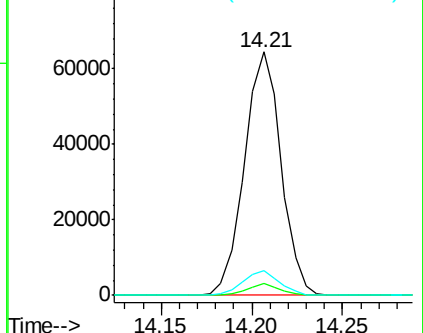
164 10.0 8.8 13.2



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# 2496

Delta R.T. -0.01 min

Lab File: BG019853.D

Acq: 3 Dec 2015 3:06

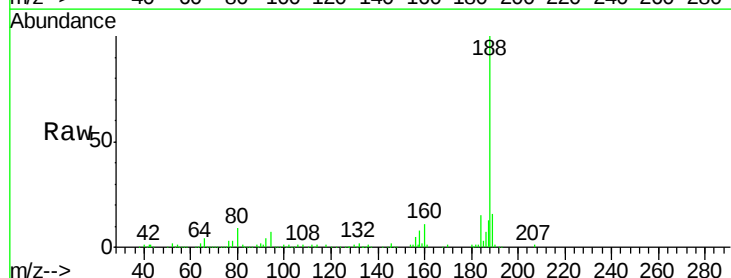
Tgt Ion:188 Resp: 193638

Ion Ratio Lower Upper

188 100

94 6.7 7.7 11.5#

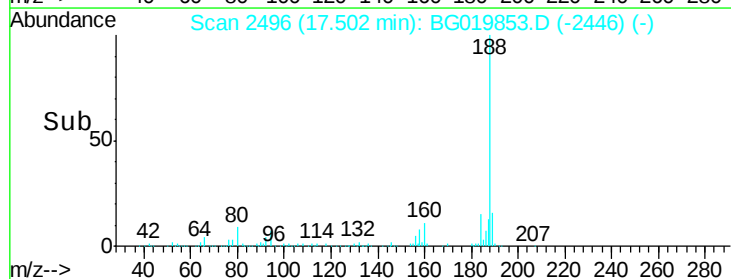
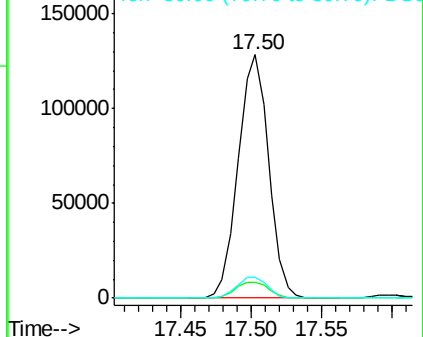
80 8.5 7.8 11.8

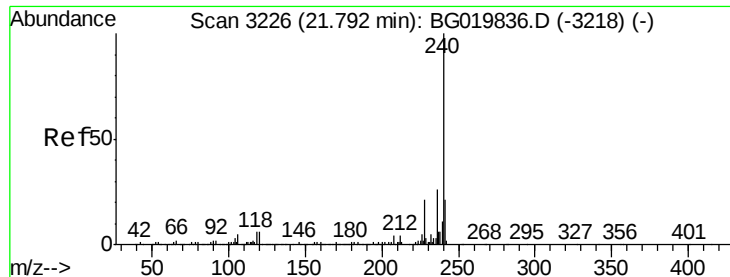


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.78 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BG019853.D

Acq: 3 Dec 2015 3:06

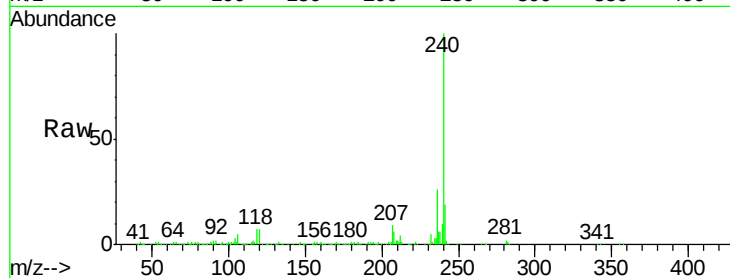
Instrument :

BNA_G

ClientSampleId :

SB-2(10-15)

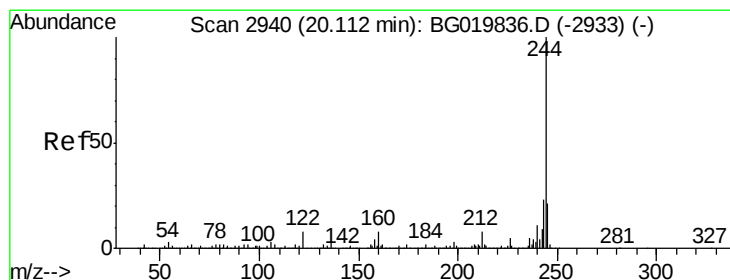
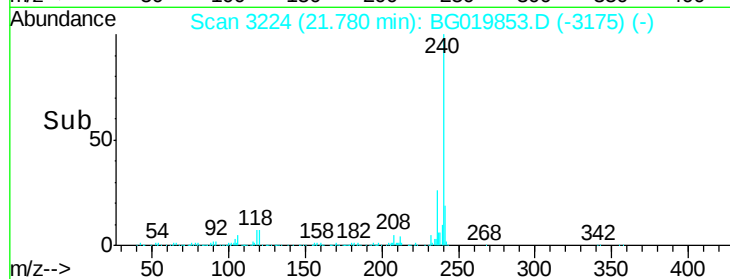
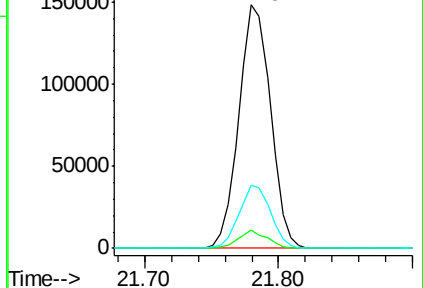
Tgt Ion:	240	Resp:	243551
Ion Ratio	Lower	Upper	
240	100		
120	7.5	7.4	11.0
236	26.2	20.7	31.1



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



#78

Terphenyl-d14

Concen: 95.09 ng

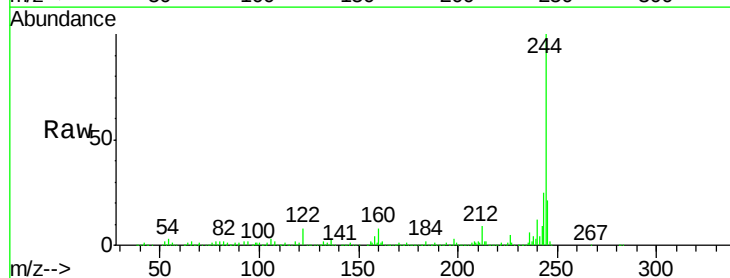
RT: 20.11 min Scan# 2940

Delta R.T. 0.00 min

Lab File: BG019853.D

Acq: 3 Dec 2015 3:06

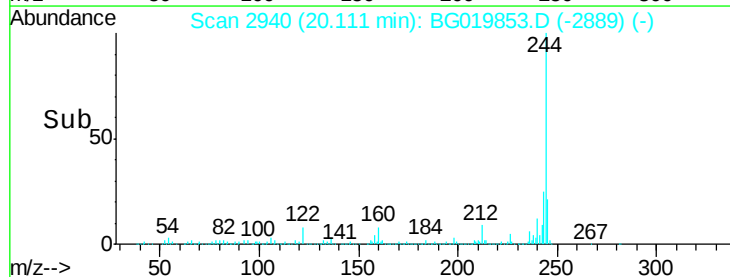
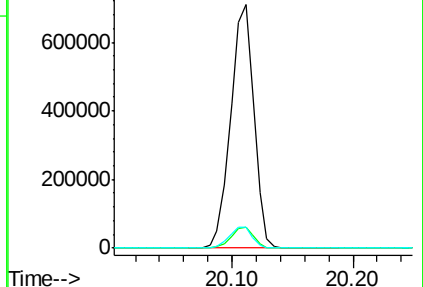
Tgt Ion:	244	Resp:	949428
Ion Ratio	Lower	Upper	
244	100		
212	8.7	6.9	10.3
122	8.4	10.2	15.2#

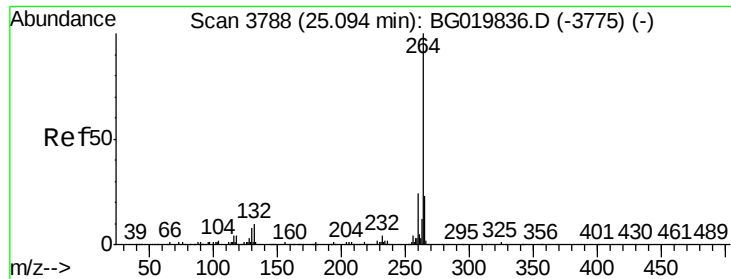


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.08 min Scan# 3786
Delta R.T. -0.01 min
Lab File: BG019853.D
Acq: 3 Dec 2015 3:06

Instrument :
BNA_G
ClientSampleId :
SB-2(10-15)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.5	27.7
265	22.3	17.2	25.8

