

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 05:47:15 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

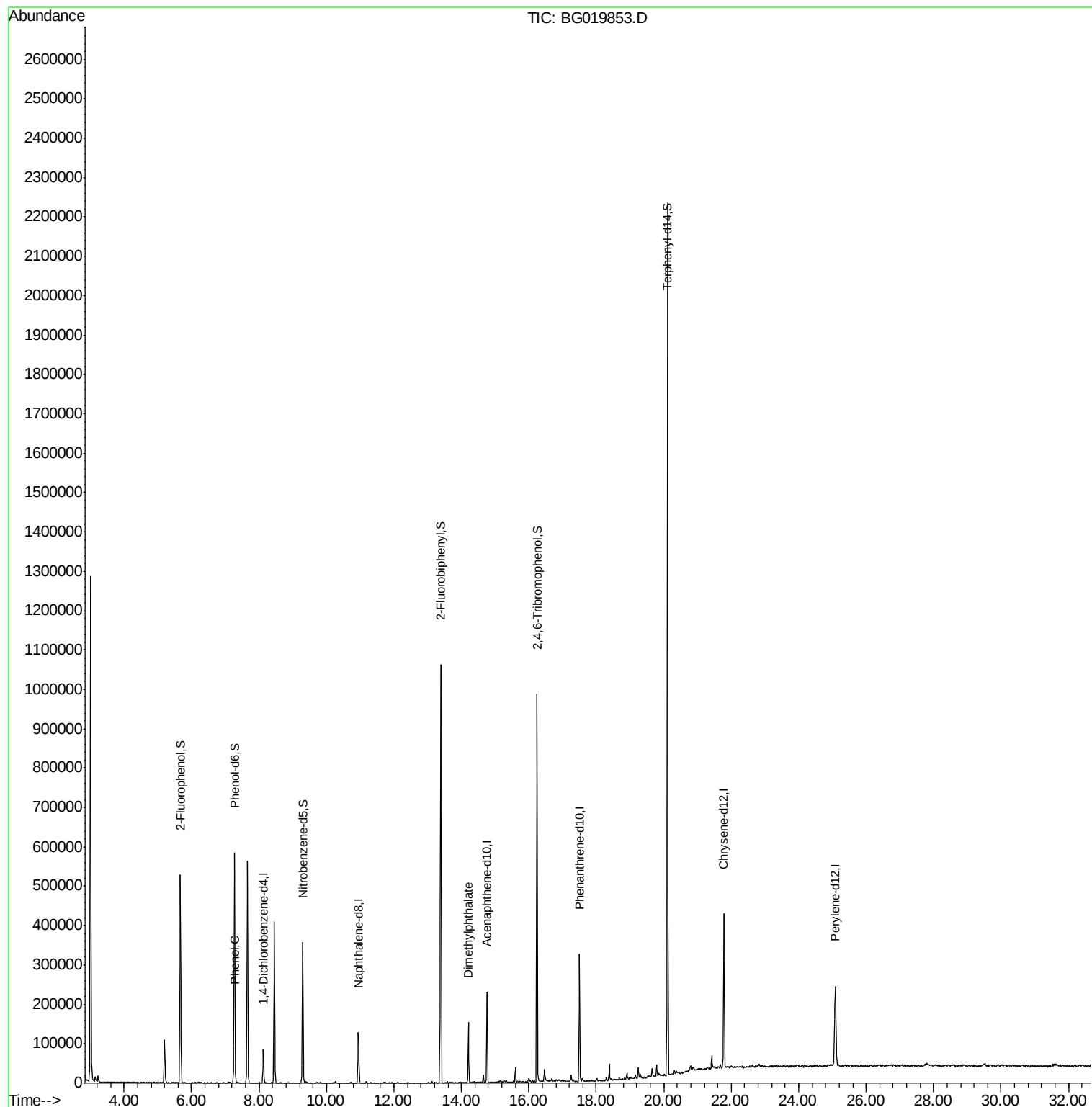
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	22735	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	105258	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	75796	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	193638	20.00	ng	0.00
75) Chrysene-d12	21.78	240	243551	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
49) Dimethylphthalate	14.21	163	90463	13.27	ng	# 97

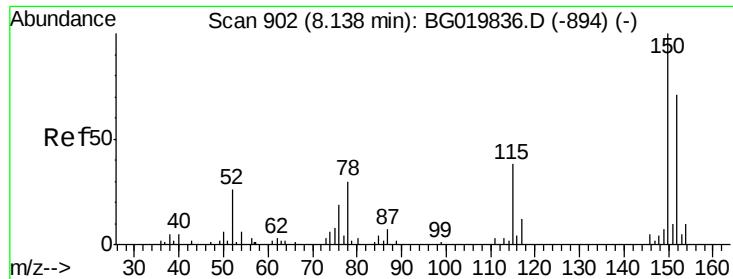
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 02 18:50:01 2015
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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)

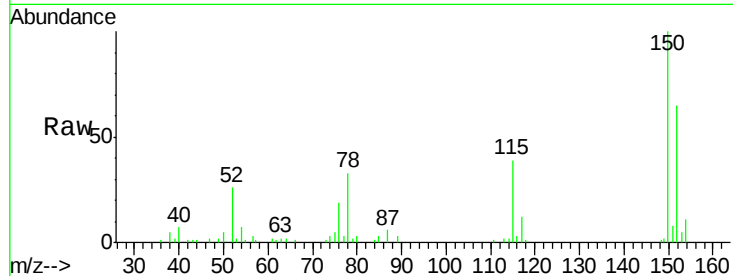
Tgt Ion:152 Resp: 22735

Ion Ratio Lower Upper

152 100

150 154.6 115.0 172.4

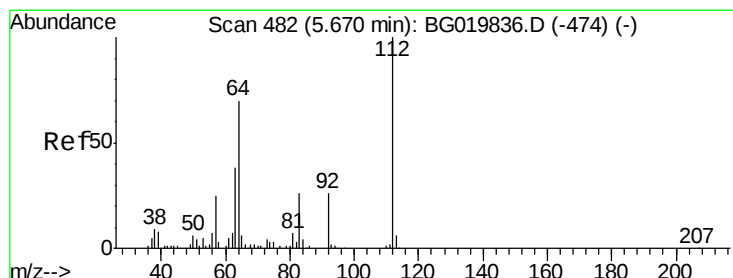
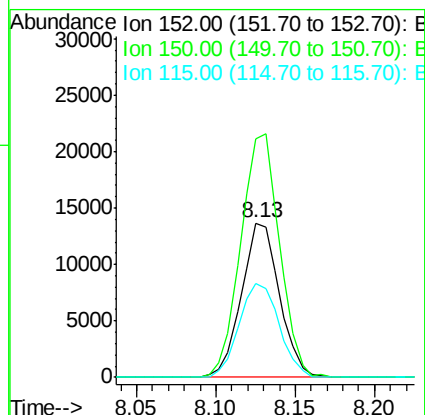
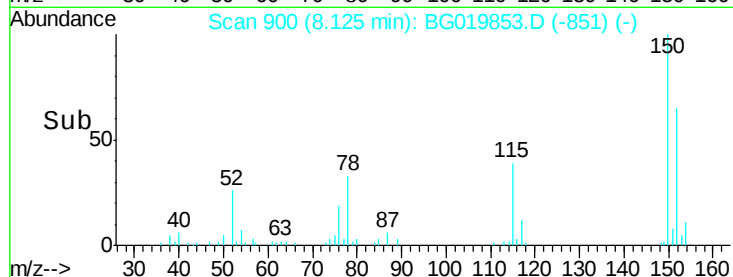
115 60.5 43.9 65.9



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

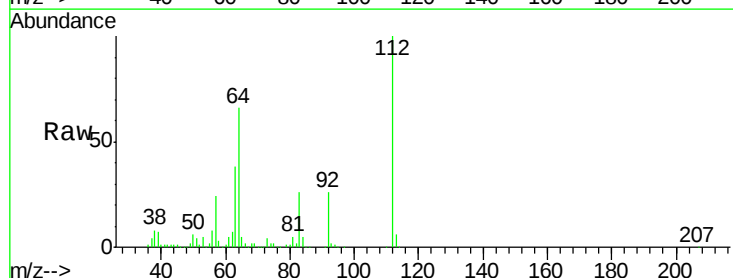
Tgt Ion:112 Resp: 208631

Ion Ratio Lower Upper

112 100

64 66.2 43.7 65.5#

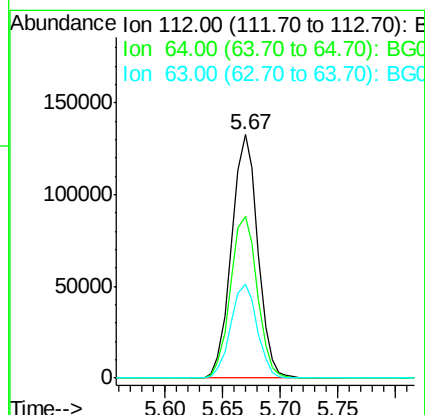
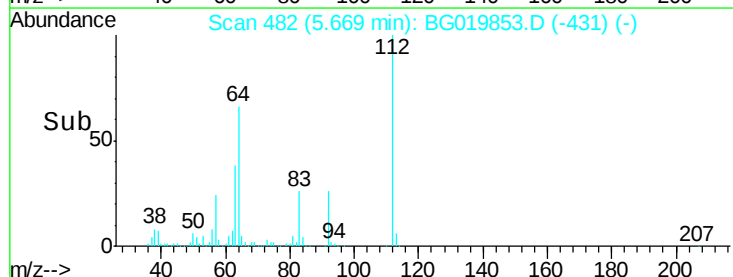
63 38.3 24.0 36.0#

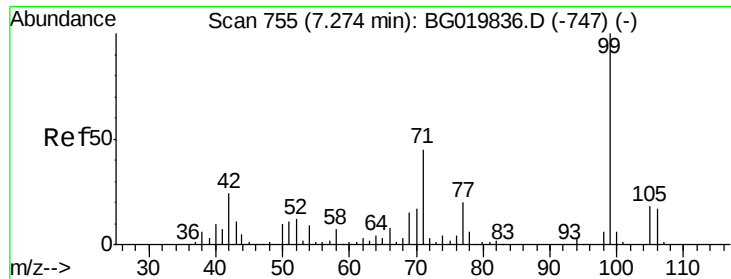


Abundance Ion 112.00 (111.70 to 112.70): E

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)

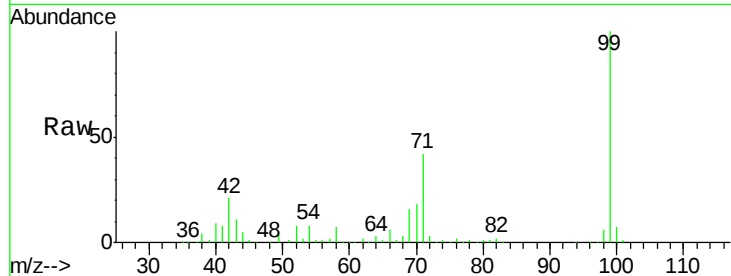
Tgt Ion: 99 Resp: 317646

Ion Ratio Lower Upper

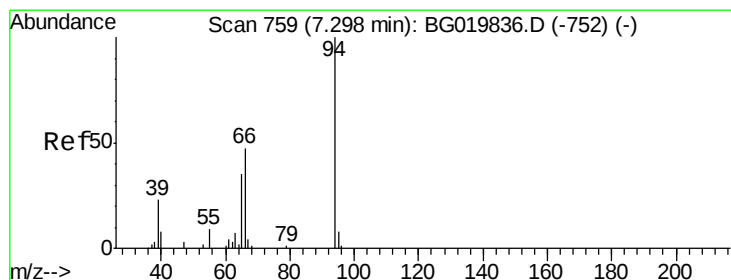
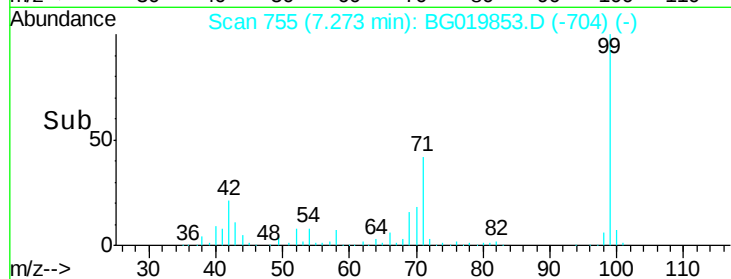
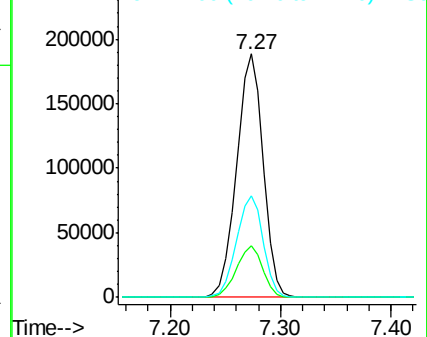
99 100

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

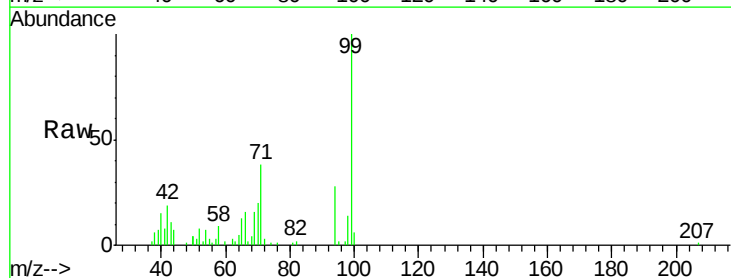
Tgt Ion: 94 Resp: 4989

Ion Ratio Lower Upper

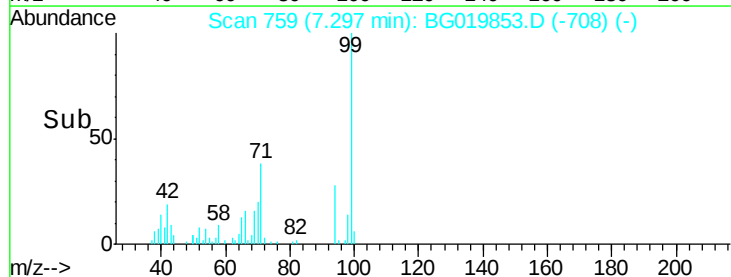
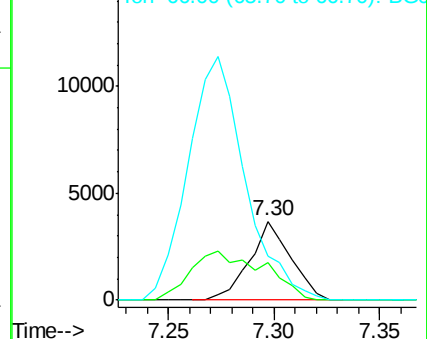
94 100

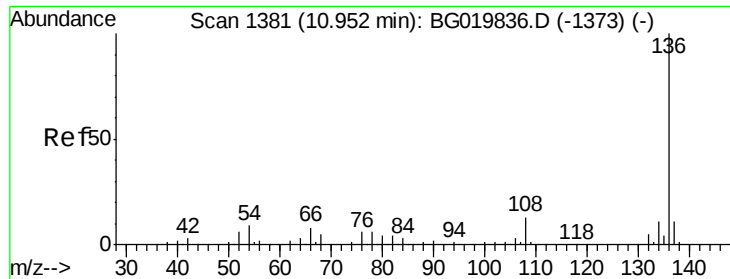
65 47.1 5.4 45.4#

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

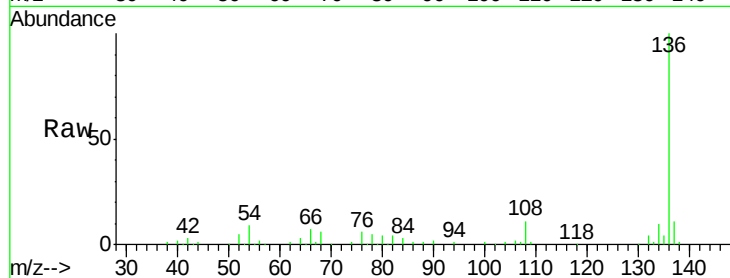




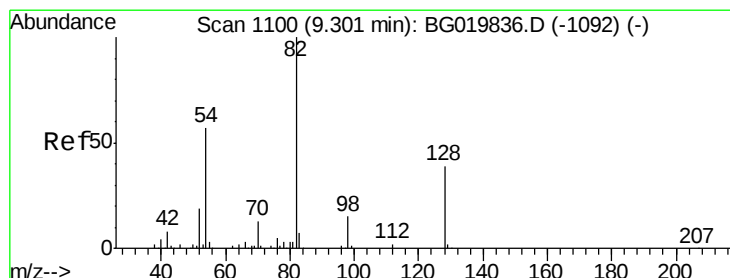
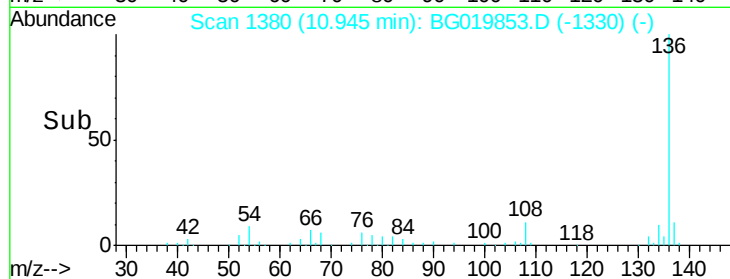
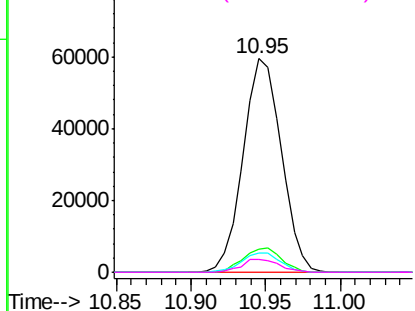
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG019853.D
Acq: 3 Dec 2015 3:06

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

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

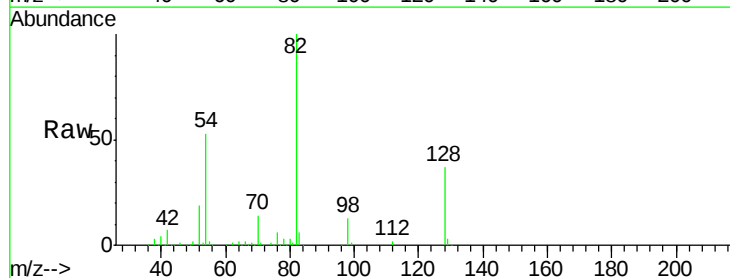


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

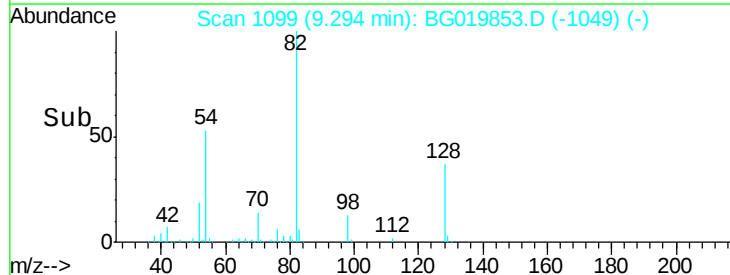
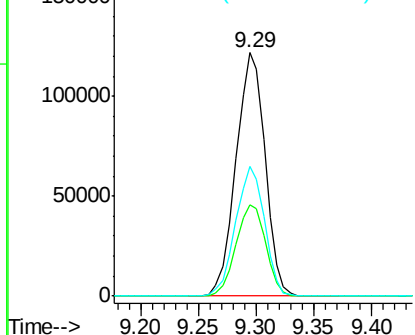


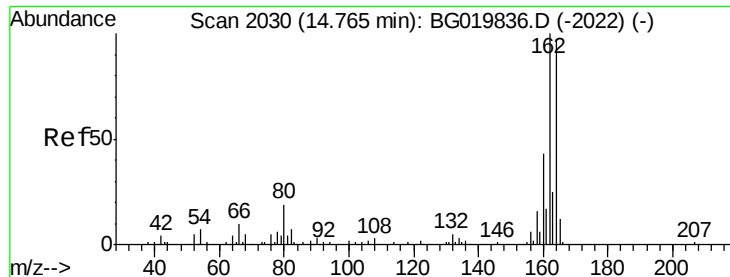
#23
Nitrobenzene-d5
Concen: 102.92 ng
RT: 9.29 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BG019853.D
Acq: 3 Dec 2015 3:06

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

Instrument :

BNA_G

ClientSampleId :

SB-2(10-15)

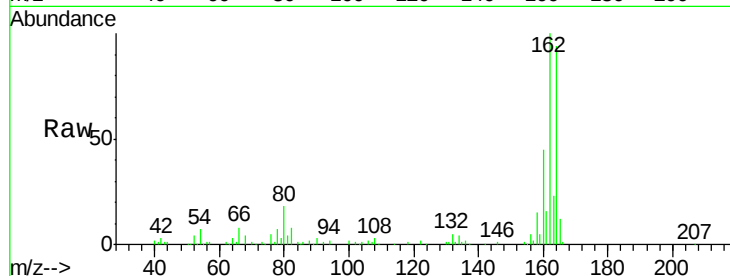
Tgt Ion:164 Resp: 75796

Ion Ratio Lower Upper

164 100

162 106.0 78.8 118.2

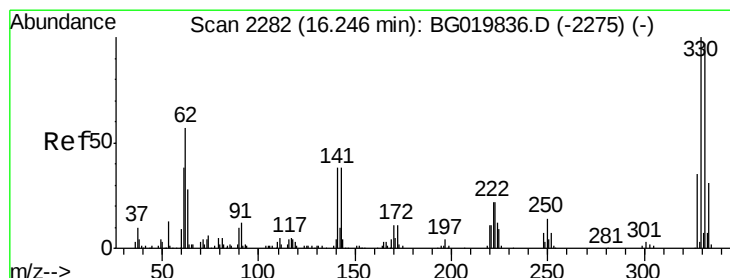
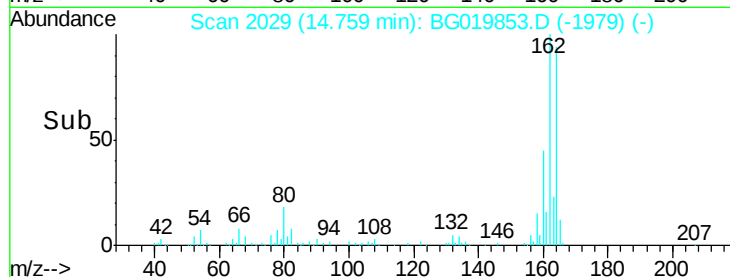
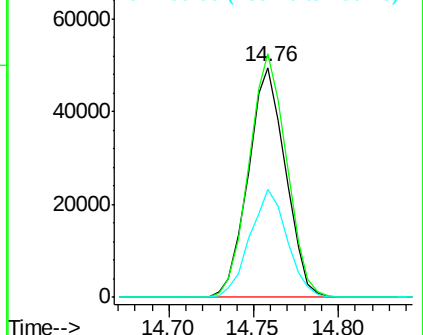
160 47.2 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): 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: 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

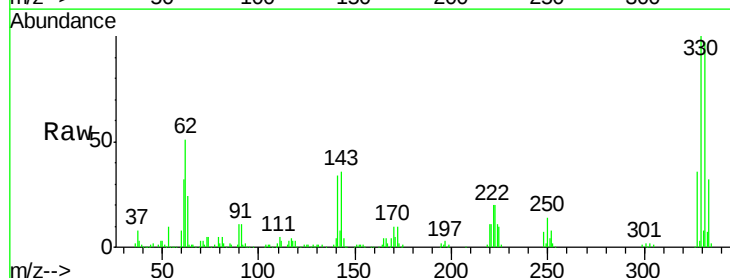
Tgt Ion:330 Resp: 174646

Ion Ratio Lower Upper

330 100

332 96.3 78.1 117.1

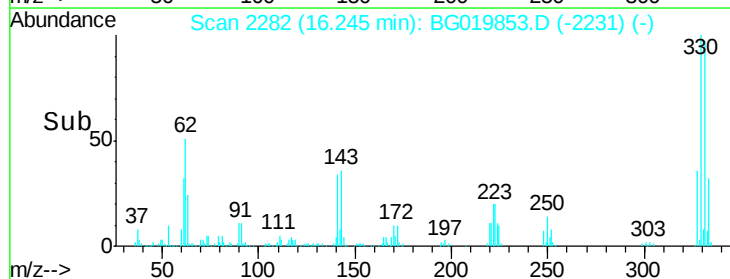
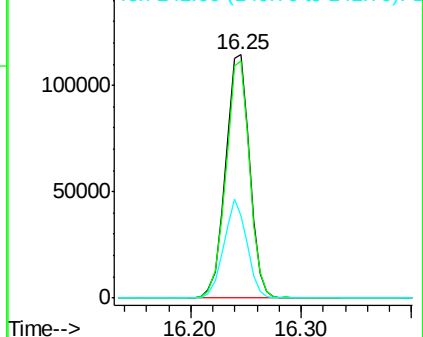
141 38.7 28.2 42.2

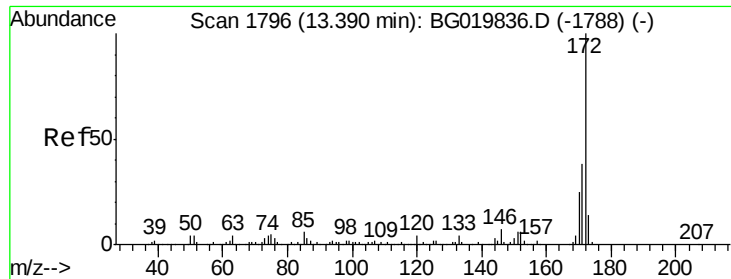


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

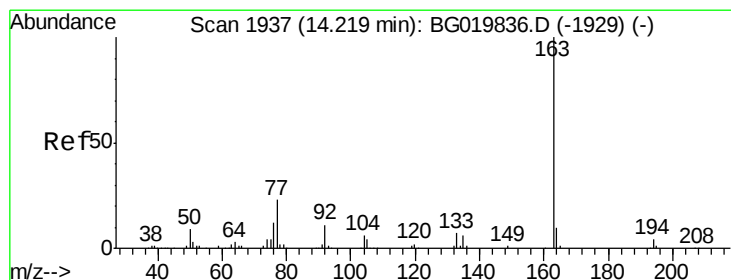
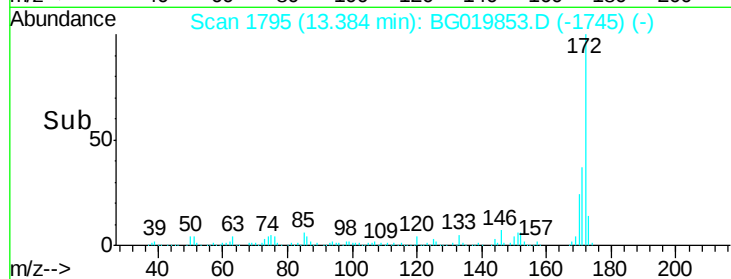
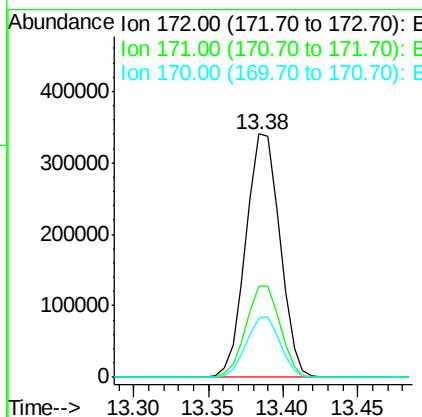
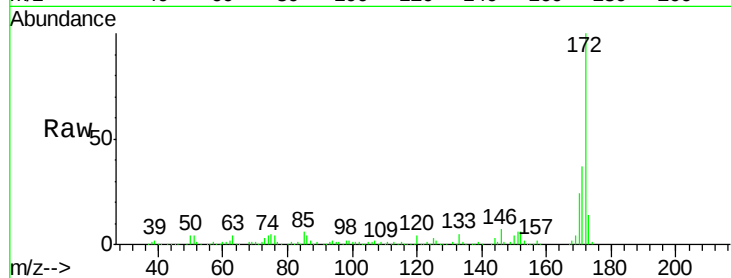




#44
2-Fluorobiphenyl
Concen: 96.65 ng
RT: 13.38 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG019853.D
Acq: 3 Dec 2015 3:06

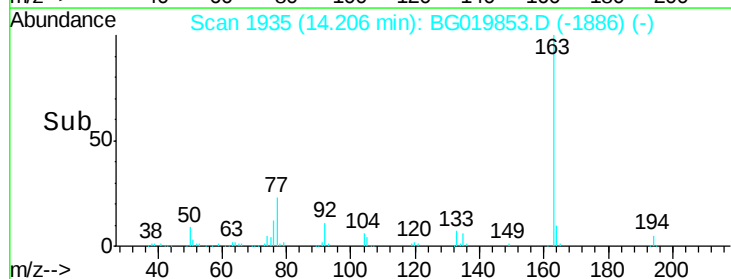
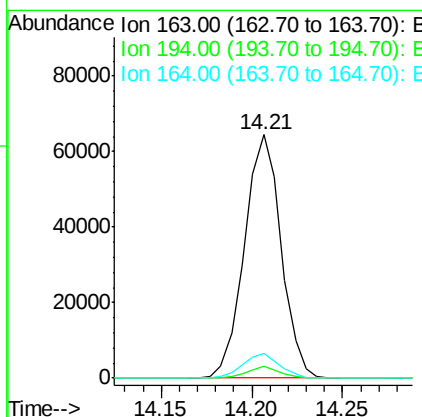
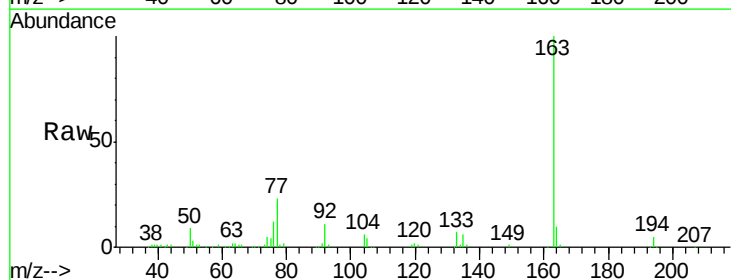
Instrument :
BNA_G
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SB-2(10-15)

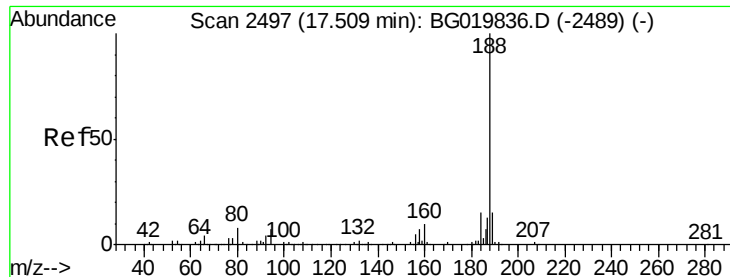
Tgt Ion:172 Resp: 536520
Ion Ratio Lower Upper
172 100
171 37.3 29.0 43.6
170 24.2 19.9 29.9



#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

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

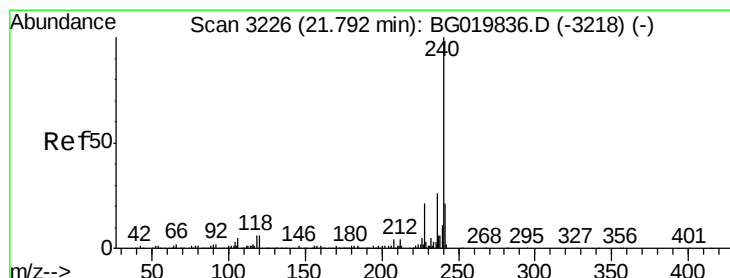
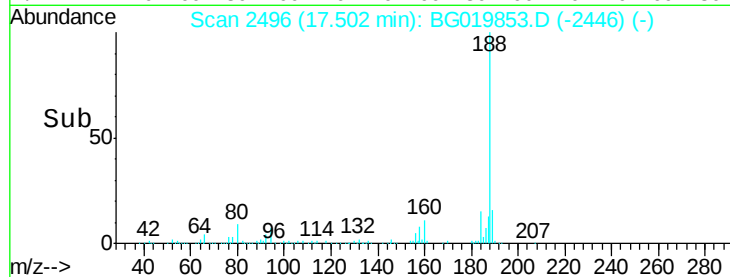
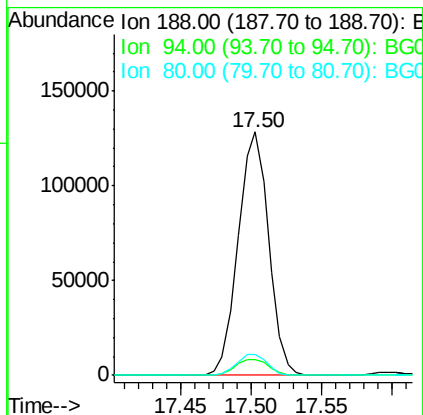
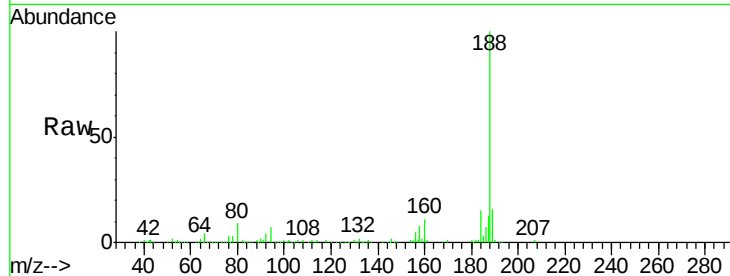




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BG019853.D
Acq: 3 Dec 2015 3:06

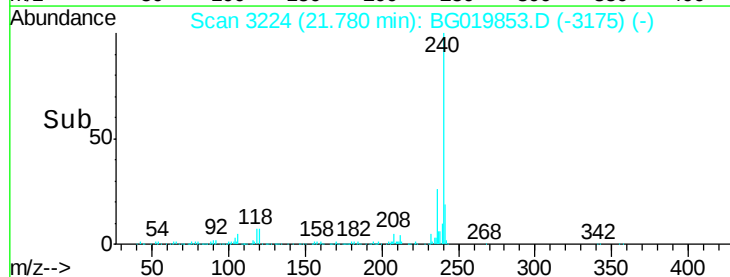
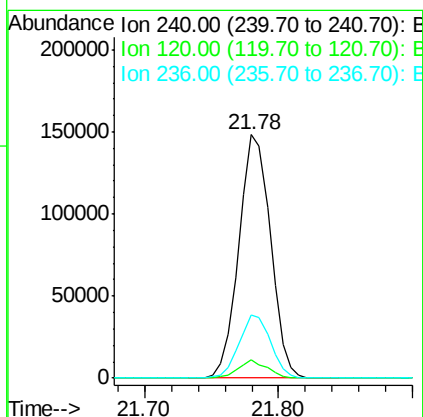
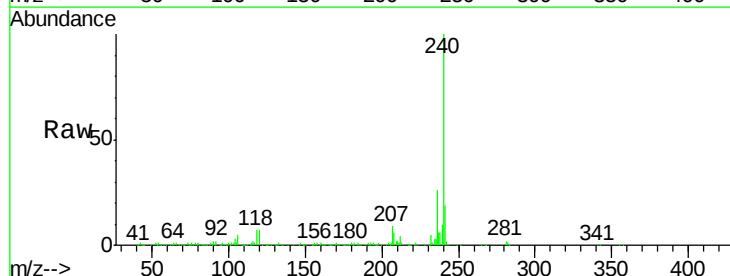
Instrument :
BNA_G
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SB-2(10-15)

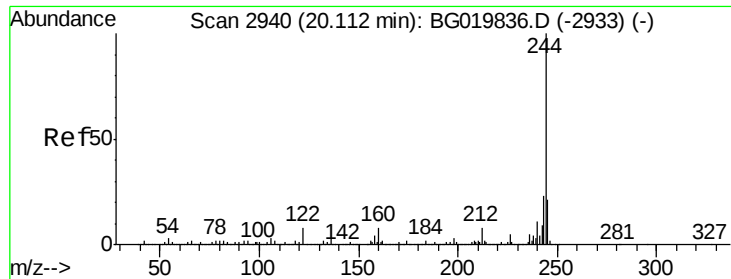
Tgt Ion:188 Resp: 193638
Ion Ratio Lower Upper
188 100
94 6.7 7.7 11.5#
80 8.5 7.8 11.8



#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

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

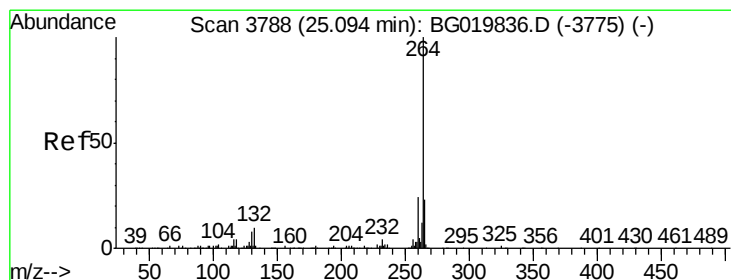
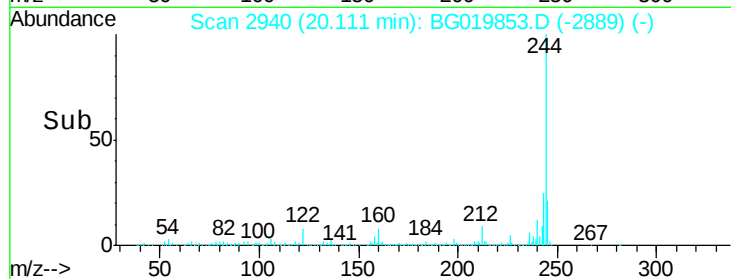
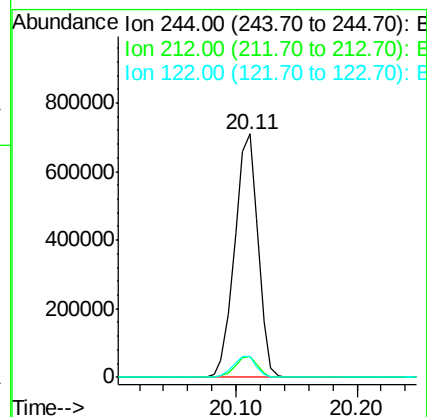
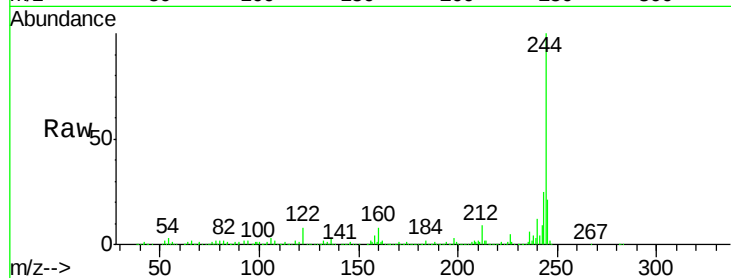




#78
 Terphenyl-d14
 Concen: 95.09 ng
 RT: 20.11 min Scan# 2940
 Delta R.T. 0.00 min
 Lab File: BG019853.D
 Acq: 3 Dec 2015 3:06

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

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



#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

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

