

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104329.D
 Acq On : 7 Apr 2018 1:54
 Operator : JU/SJ
 Sample : J2240-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PF-01

Quant Time: Apr 07 03:09:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

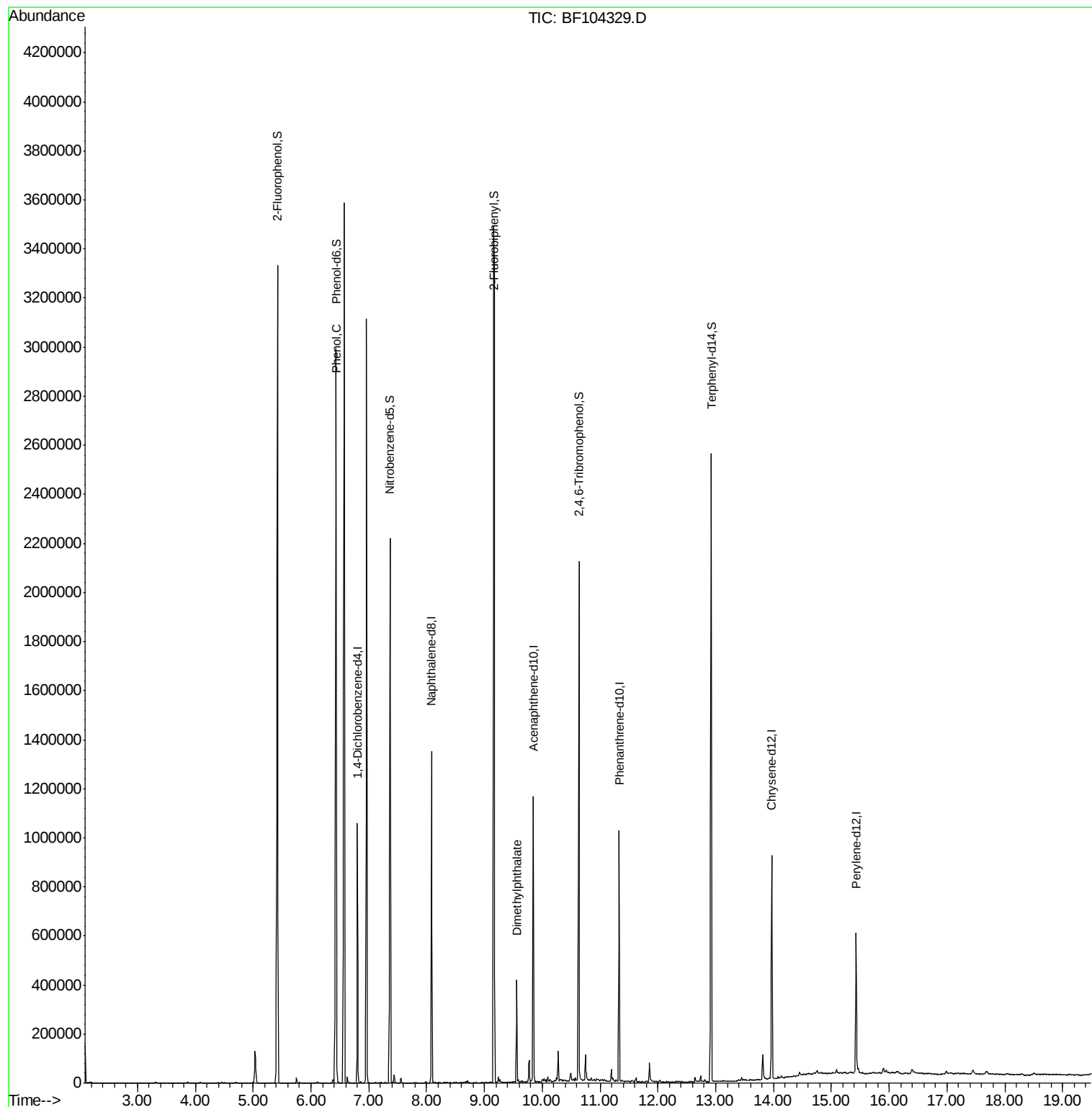
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	138603	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	539907	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	233371	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	333598	20.00	ng	0.00
75) Chrysene-d12	13.97	240	278130	20.00	ng	0.00
86) Perylene-d12	15.43	264	248310	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1104558	121.85	ng	0.02
7) Phenol-d6	6.43	99	1391540	124.94	ng	0.00
23) Nitrobenzene-d5	7.37	82	828408	100.19	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	263498	108.85	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1243516	84.18	ng	0.00
78) Terphenyl-d14	12.92	244	854818	70.07	ng	0.00
Target Compounds						
10) Phenol	6.45	94	73949	6.258	ng	96
49) Dimethylphthalate	9.56	163	145506	7.907	ng	99

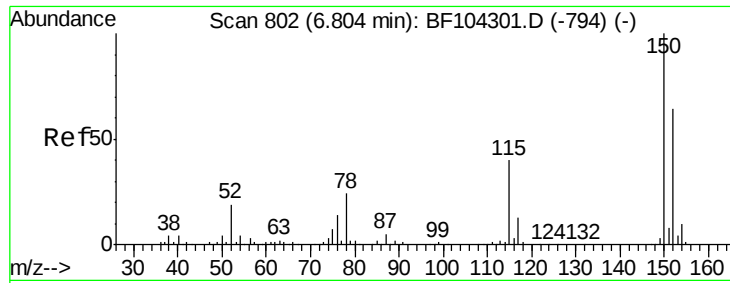
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF104329.D

Acq: 7 Apr 2018 1:54

Instrument :

BNA_F

ClientSampleId :

PF-01

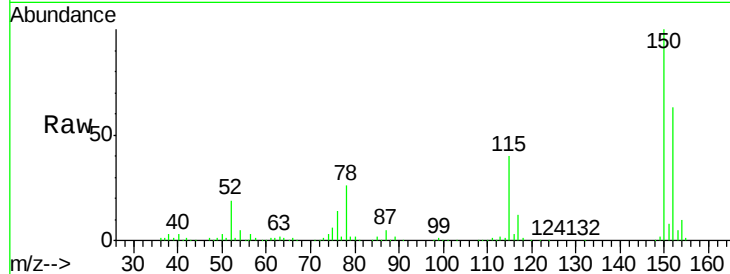
Tot Ion:152 Resp: 138603

Ion Ratio Lower Upper

152 100

150 157.6 124.6 186.8

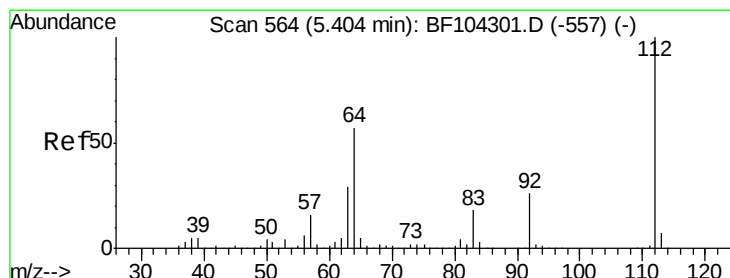
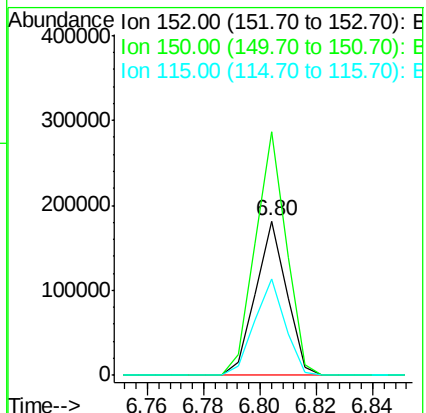
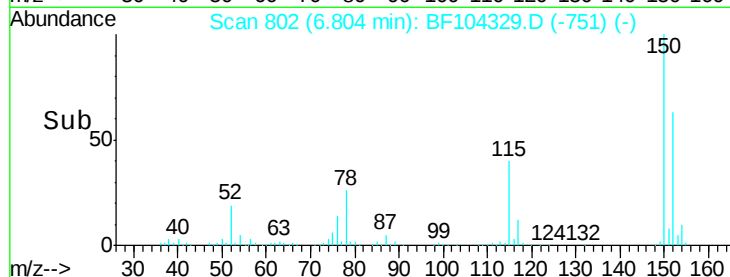
115 62.8 50.1 75.1



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



#5

2-Fluorophenol

Concen: 121.854 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF104329.D

Acq: 7 Apr 2018 1:54

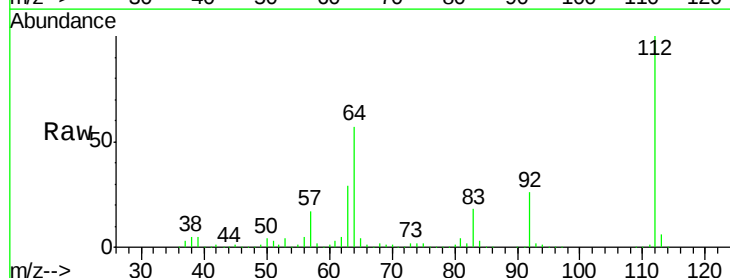
Tgt Ion:112 Resp: 1104558

Ion Ratio Lower Upper

112 100

64 56.7 47.9 71.9

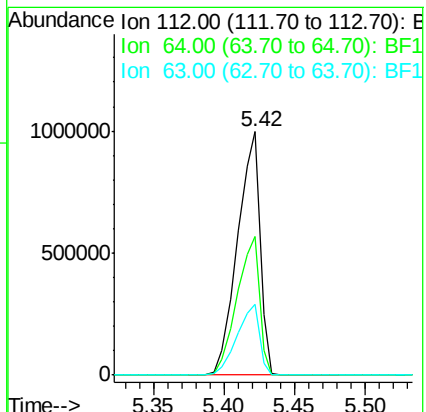
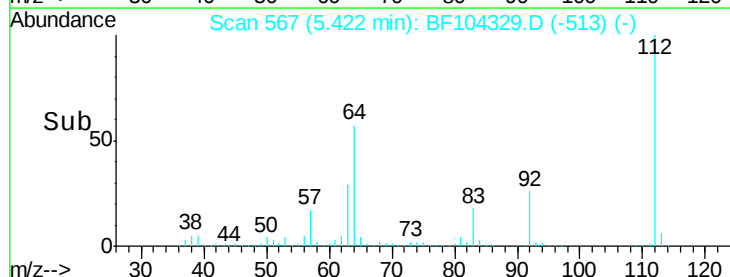
63 28.9 23.7 35.5

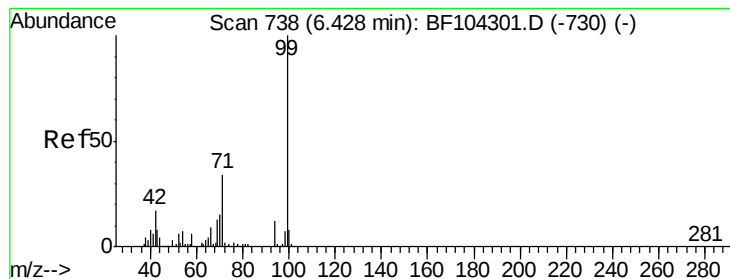


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 124.942 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104329.D

Acq: 7 Apr 2018 1:54

Instrument :

BNA_F

ClientSampled :

PF-01

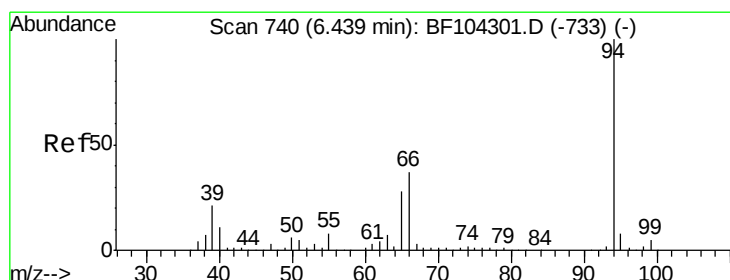
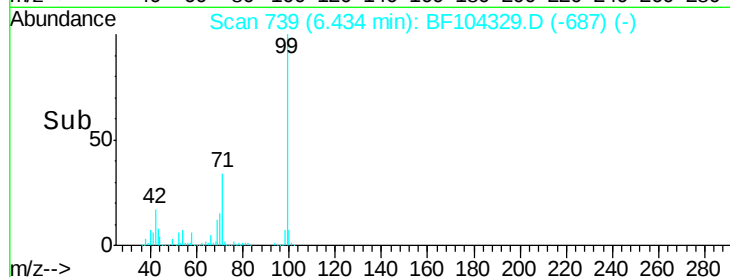
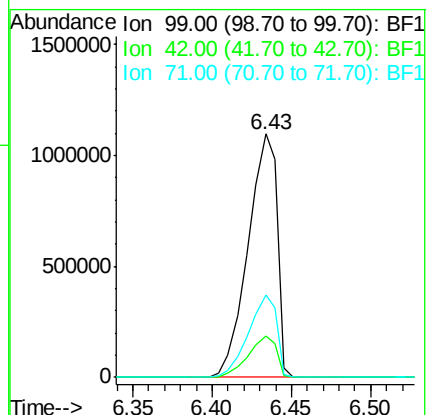
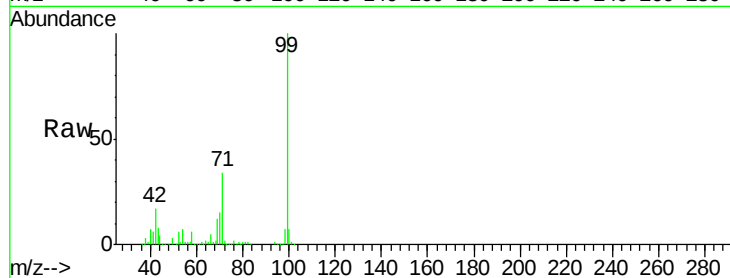
Tot Ion: 99 Resp: 1391540

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

71 33.9 25.4 38.0



#10

Phenol

Concen: 6.258 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104329.D

Acq: 7 Apr 2018 1:54

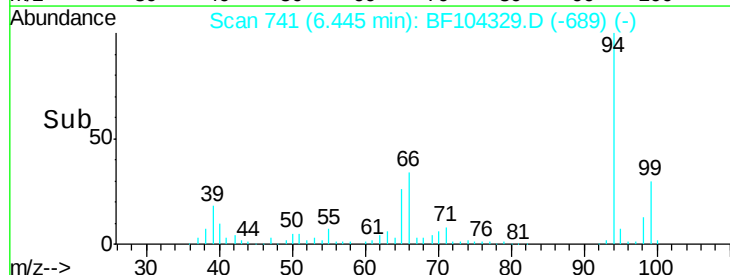
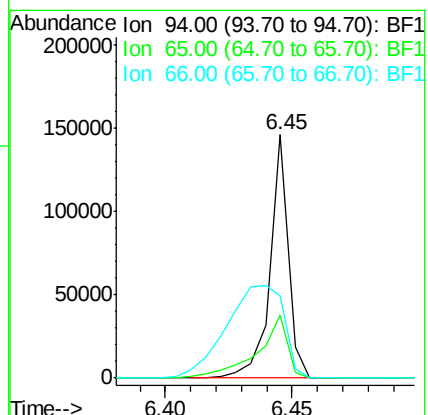
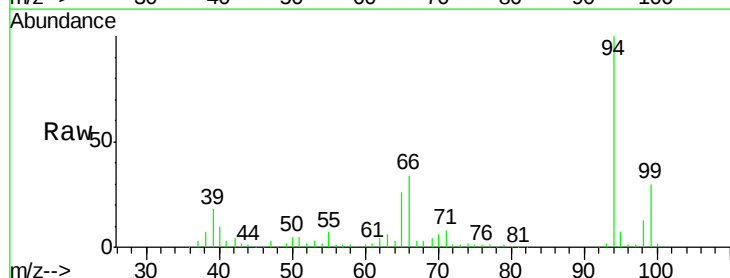
Tgt Ion: 94 Resp: 73949

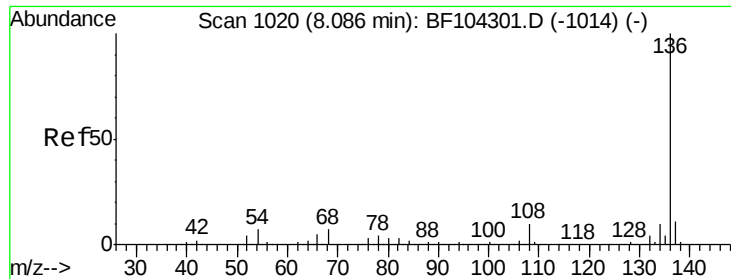
Ion Ratio Lower Upper

94 100

65 25.7 7.9 47.9

66 33.9 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104329.D

Acq: 7 Apr 2018 1:54

Instrument :

BNA_F

ClientSampleId :

PF-01

Tot Ion:136 Resp: 539907

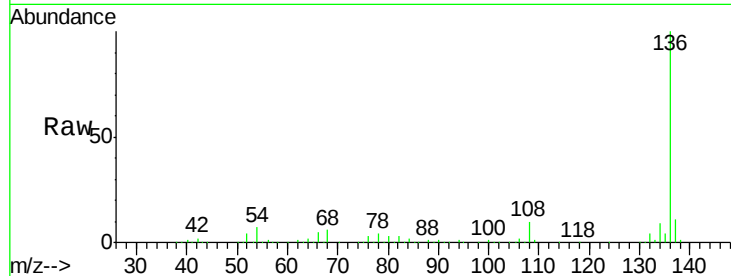
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.2 6.6 9.8

68 6.4 5.0 7.4

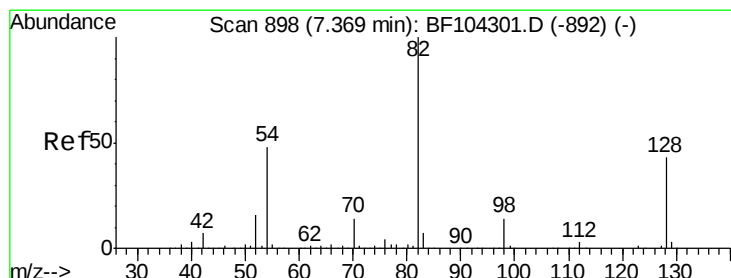
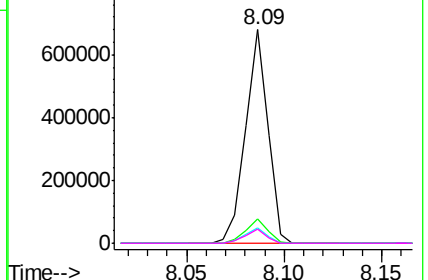
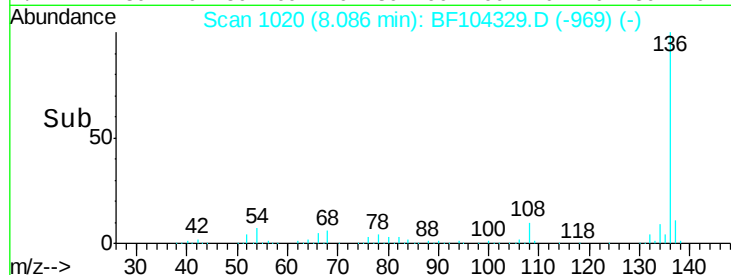


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 100.190 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF104329.D

Acq: 7 Apr 2018 1:54

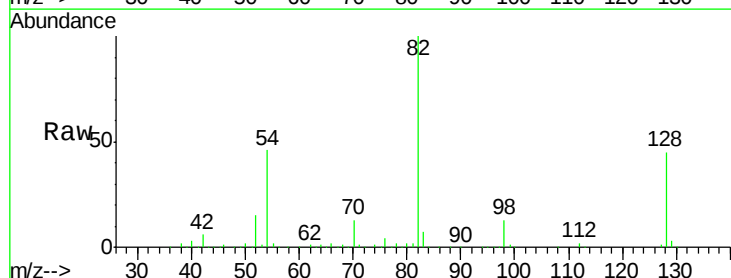
Tgt Ion: 82 Resp: 828408

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

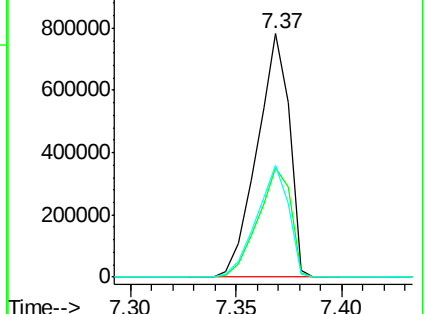
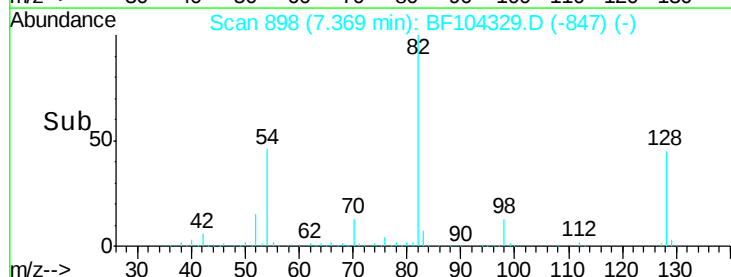
54 46.2 41.4 62.2

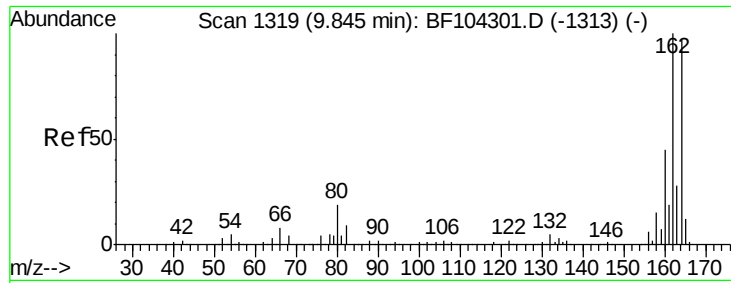


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

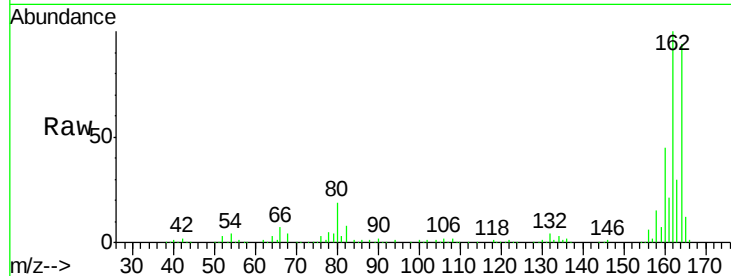




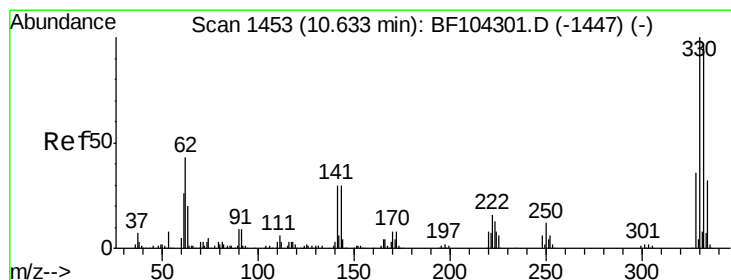
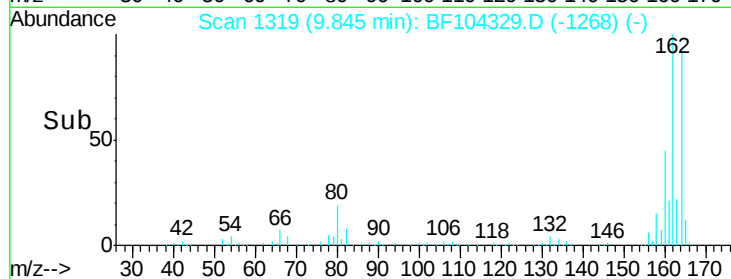
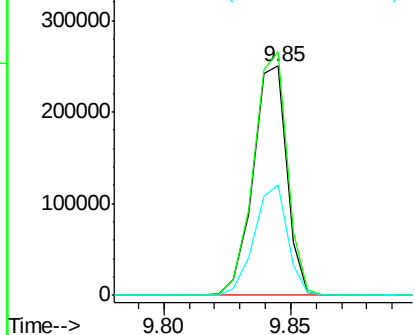
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104329.D
 Acq: 7 Apr 2018 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PF-01

Tot Ion:164 Resp: 233371
 Ion Ratio Lower Upper
 164 100
 162 106.3 86.1 129.1
 160 48.2 38.3 57.5

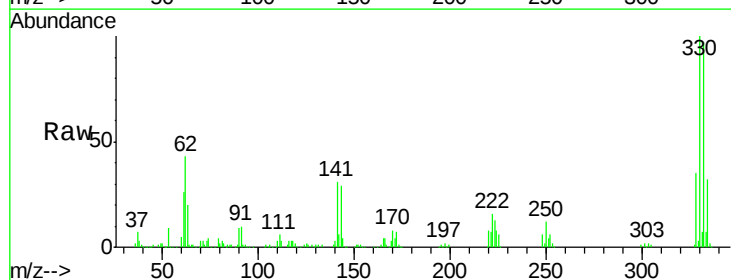


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

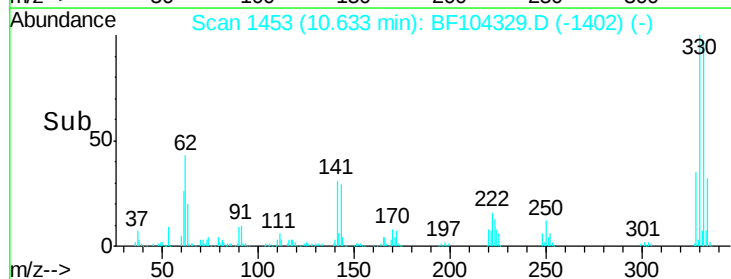
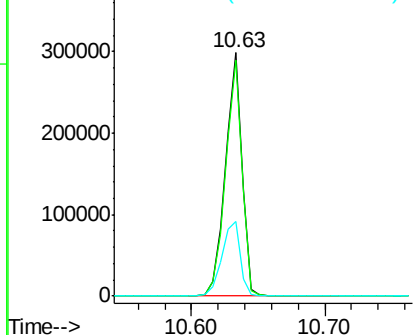


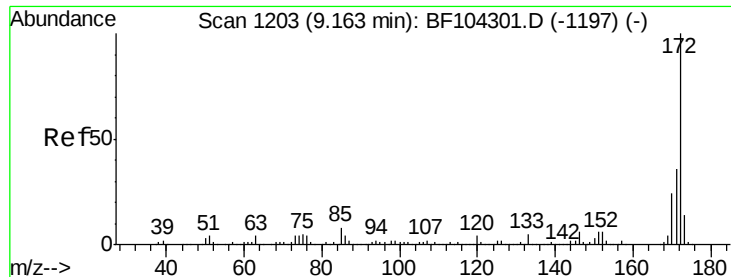
#41
 2,4,6-Tribromophenol
 Concen: 108.847 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF104329.D
 Acq: 7 Apr 2018 1:54

Tgt Ion:330 Resp: 263498
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 33.9 29.9 44.9



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

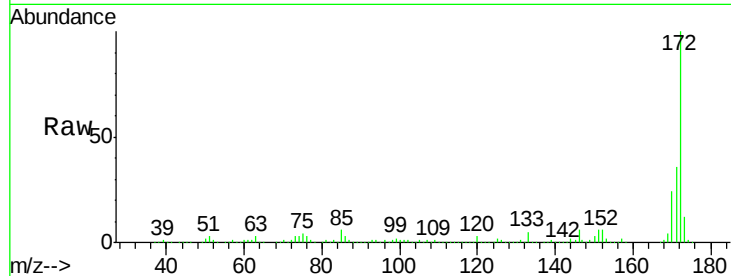




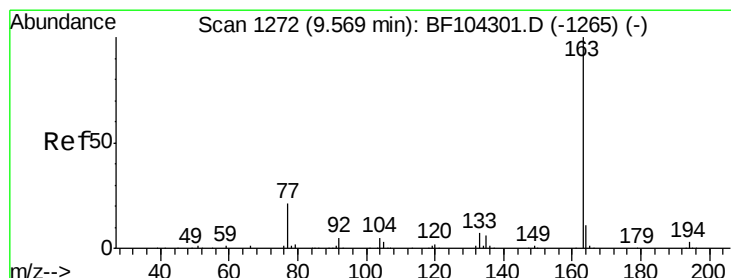
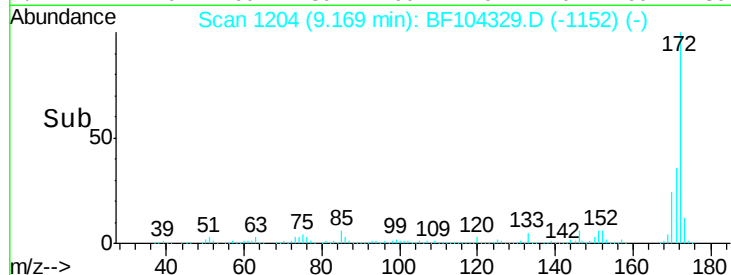
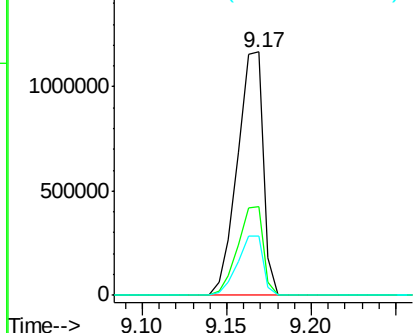
#44
2-Fluorobiphenyl
Concen: 84.177 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF104329.D
Acq: 7 Apr 2018 1:54

Instrument :
BNA_F
ClientSampleId :
PF-01

Tot Ion:172 Resp: 1243516
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.4 19.6 29.4

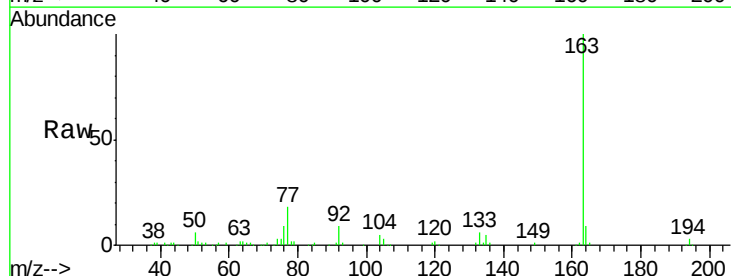


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

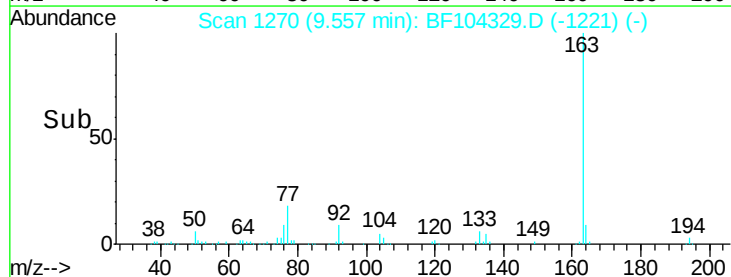
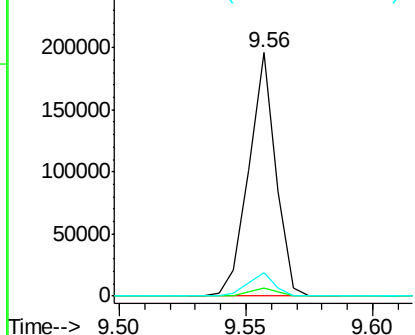


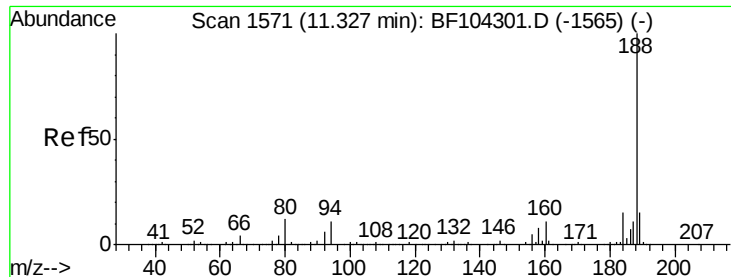
#49
Dimethylphthalate
Concen: 7.907 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104329.D
Acq: 7 Apr 2018 1:54

Tgt Ion:163 Resp: 145506
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.5 8.2 12.2



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

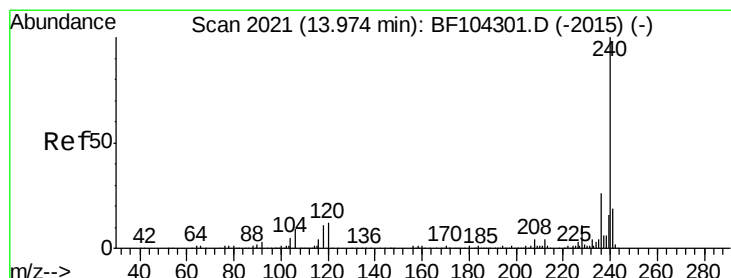
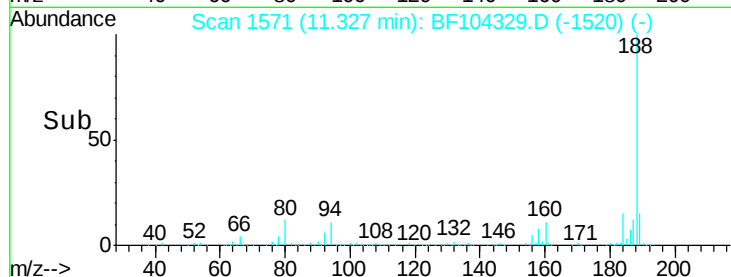
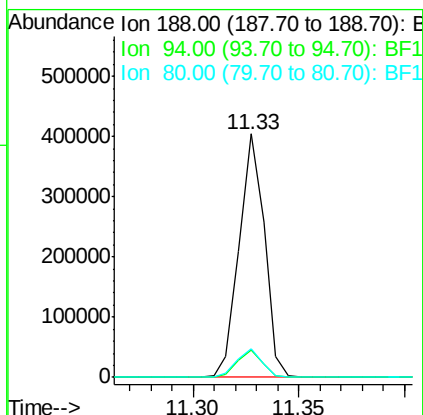
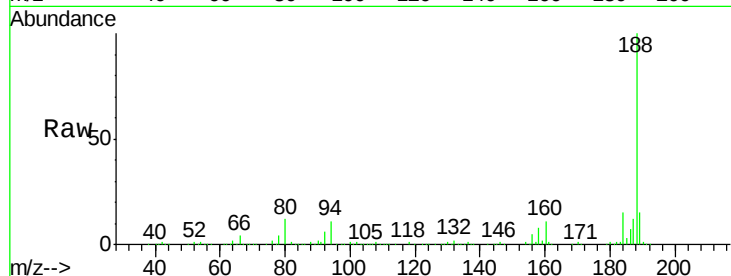




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF104329.D
Acq: 7 Apr 2018 1:54

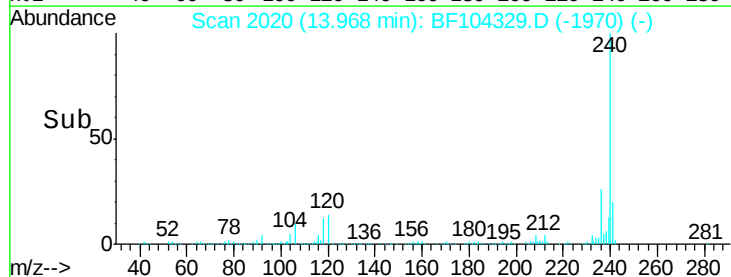
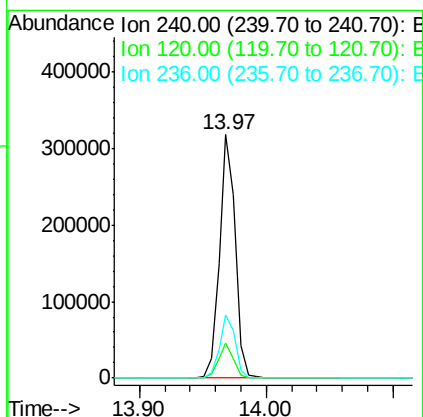
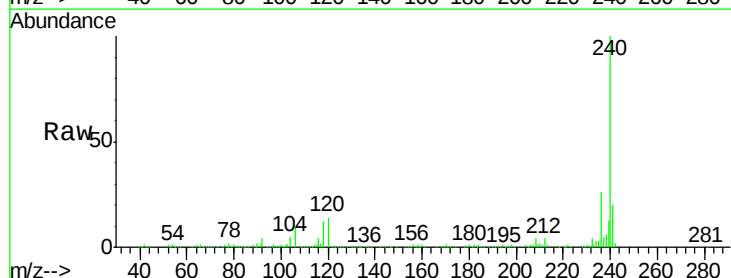
Instrument :
BNA_F
ClientSampled :
PF-01

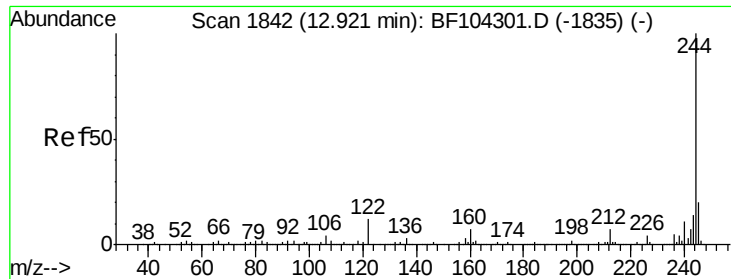
Tot Ion:188 Resp: 333598
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104329.D
Acq: 7 Apr 2018 1:54

Tgt Ion:240 Resp: 278130
Ion Ratio Lower Upper
240 100
120 14.4 9.5 14.3#
236 26.0 20.7 31.1

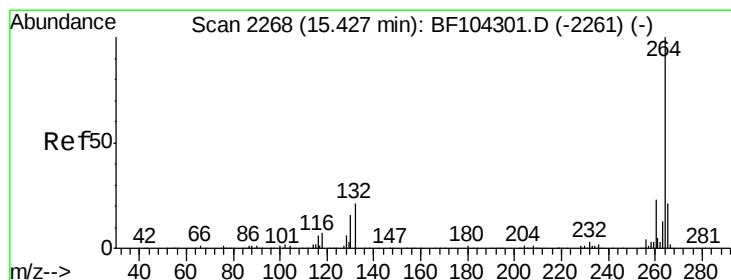
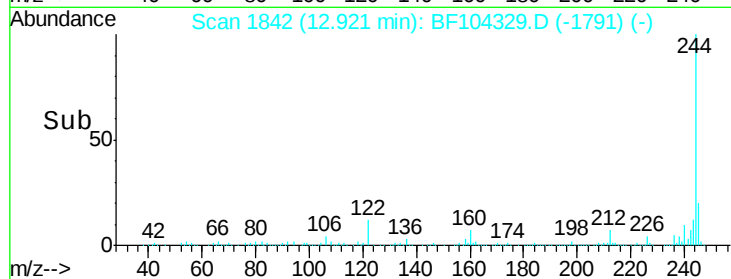
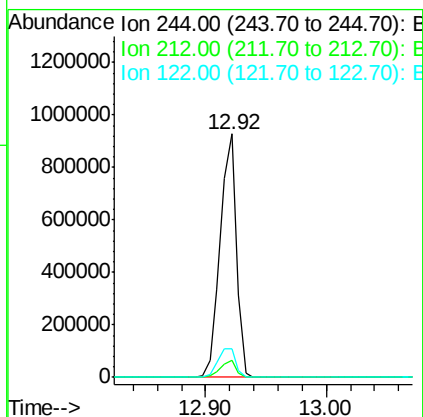
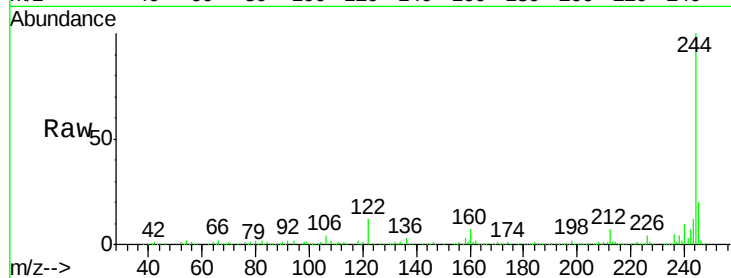




#78
 Terphenyl-d14
 Concen: 70.069 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104329.D
 Acq: 7 Apr 2018 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PF-01

Tot Ion:244 Resp: 854818
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: BF104329.D
 Acq: 7 Apr 2018 1:54

Tgt Ion:264 Resp: 248310
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.8 17.5 26.3

