

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
 Data File : BF100271.D
 Acq On : 7 Nov 2017 3:41
 Operator : SJ/JU
 Sample : I6318-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERM-33

Quant Time: Nov 07 06:04:47 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:59:38 2017
 Response via : Initial Calibration

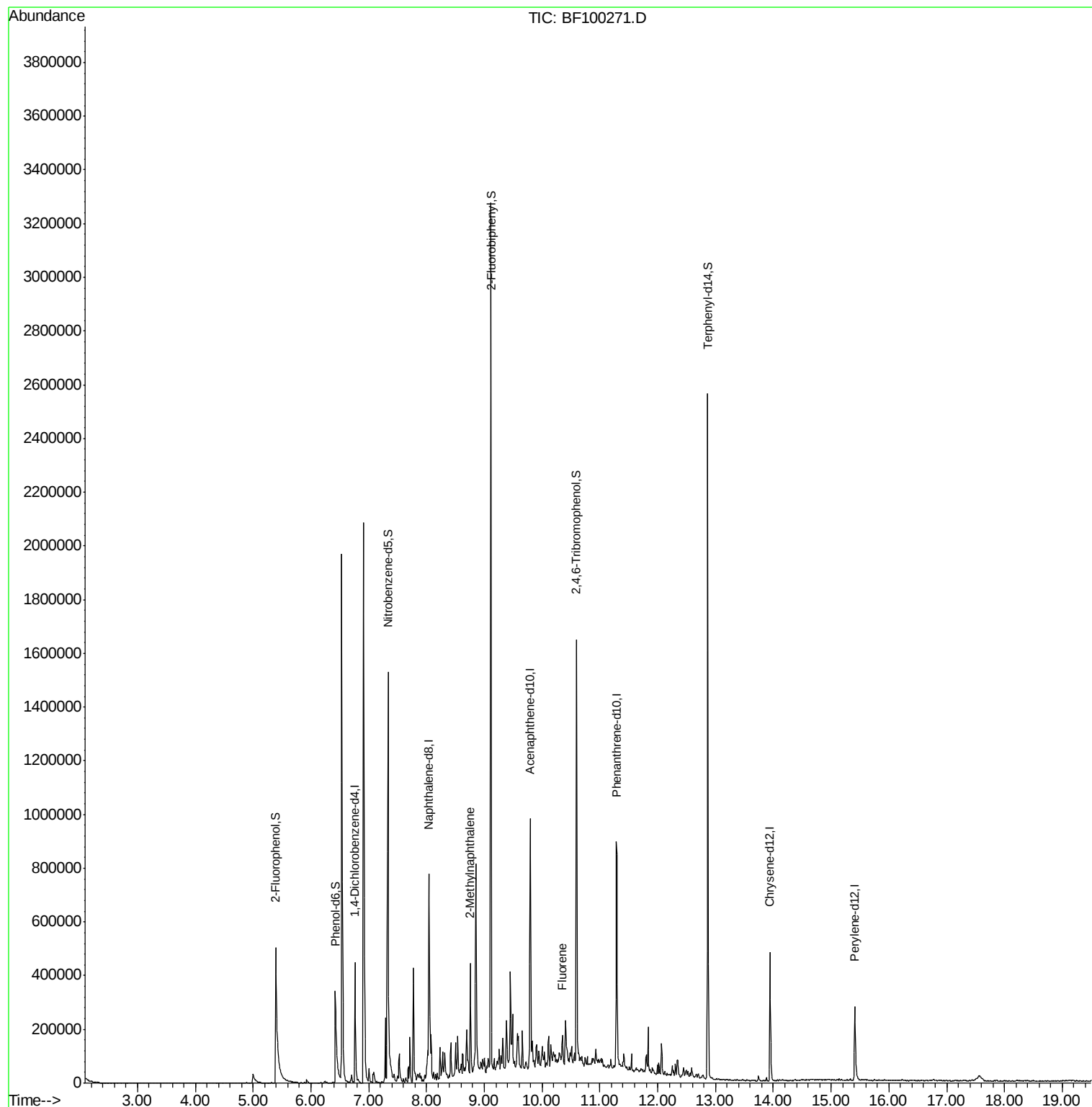
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	98788	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	401775	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	187510	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	331494	20.00	ng	0.00
75) Chrysene-d12	13.94	240	184285	20.00	ng	0.00
86) Perylene-d12	15.41	264	166062	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	379716	60.35	ng	0.01
7) Phenol-d6	6.42	99	288874	38.72	ng	0.00
23) Nitrobenzene-d5	7.33	82	589060	94.39	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	228243	133.57	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1125904	92.64	ng	0.00
78) Terphenyl-d14	12.87	244	944682	112.03	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.76	142	115898	8.917	ng	97
57) Fluorene	10.35	166	27994	2.066	ng	94

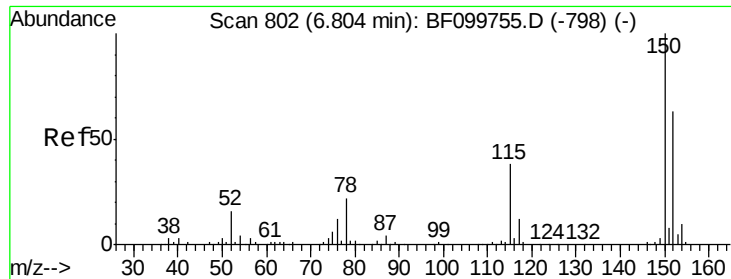
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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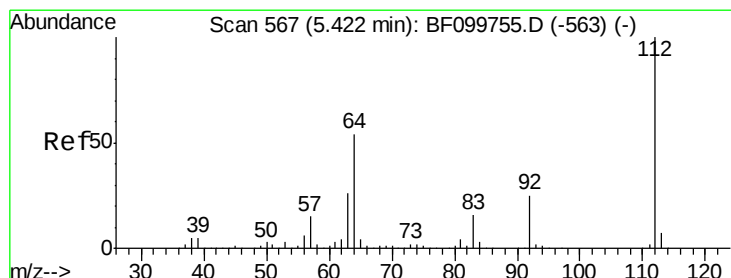
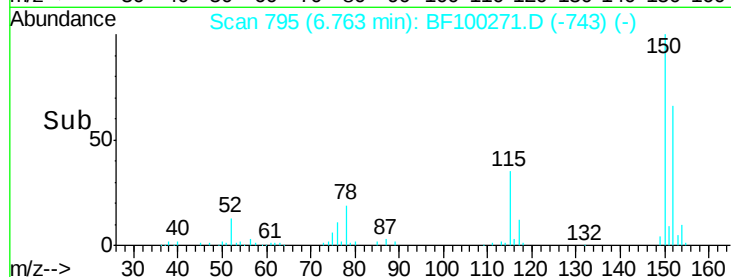
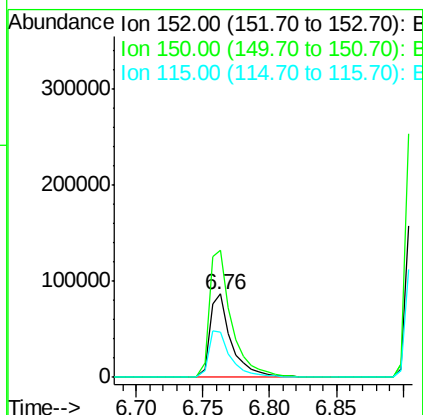
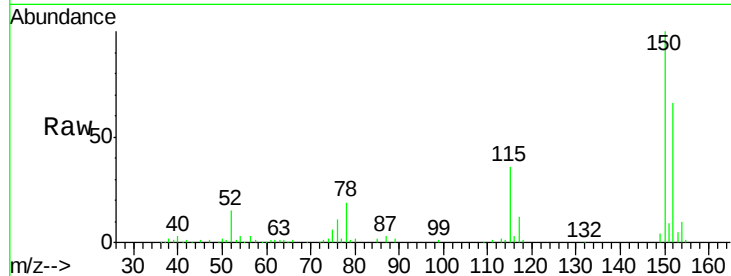


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF100271.D
Acq: 7 Nov 2017 3:41

Instrument :
BNA_F
ClientSampleId :
ERM-33

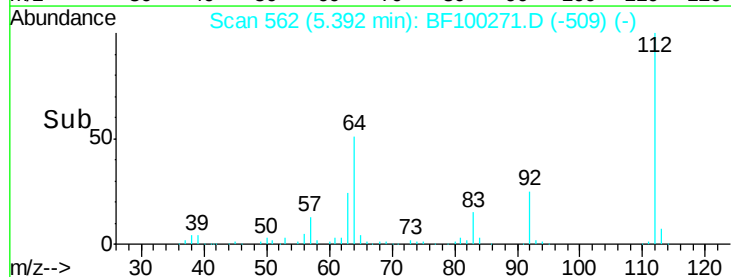
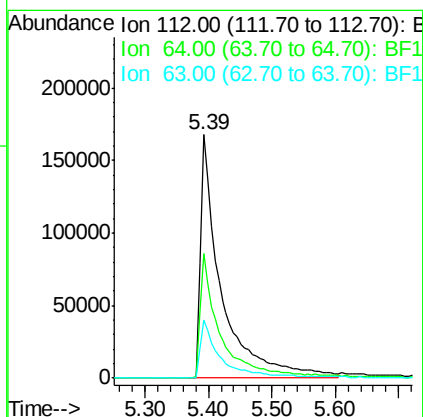
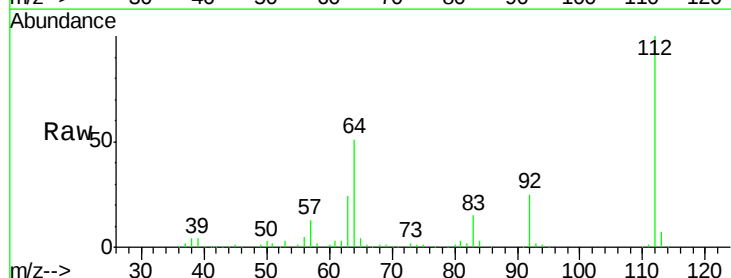
Tgt Ion:152 Resp: 98788
Ion Ratio Lower Upper
152 100
150 151.7 124.6 186.8
115 54.2 50.1 75.1

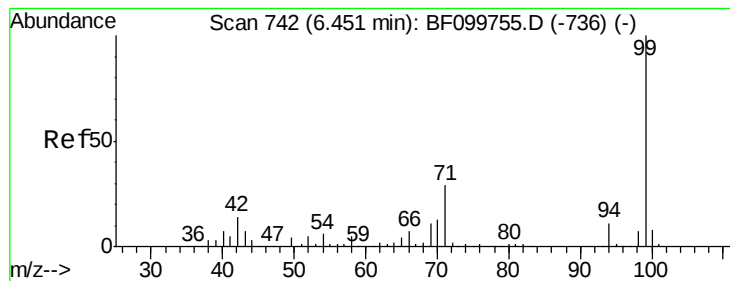


#5

2-Fluorophenol
Concen: 60.346 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF100271.D
Acq: 7 Nov 2017 3:41

Tgt Ion:112 Resp: 379716
Ion Ratio Lower Upper
112 100
64 51.1 47.9 71.9
63 23.8 23.7 35.5





#7

Phenol-d6

Concen: 38.718 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF100271.D

Acq: 7 Nov 2017 3:41

Instrument :

BNA_F

ClientSampleId :

ERM-33

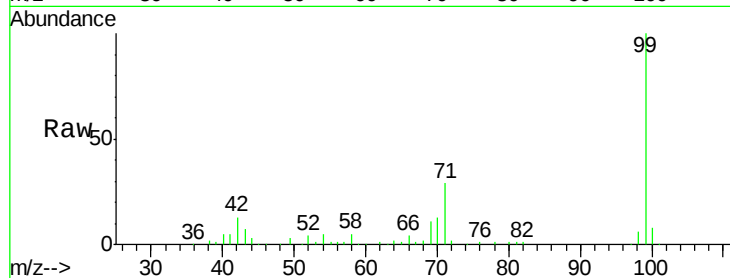
Tgt Ion: 99 Resp: 288874

Ion Ratio Lower Upper

99 100

42 13.3 14.5 21.7#

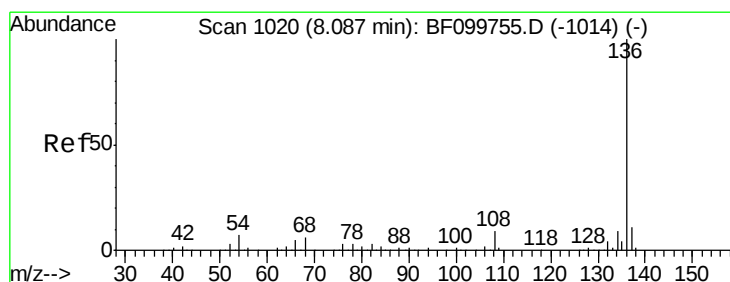
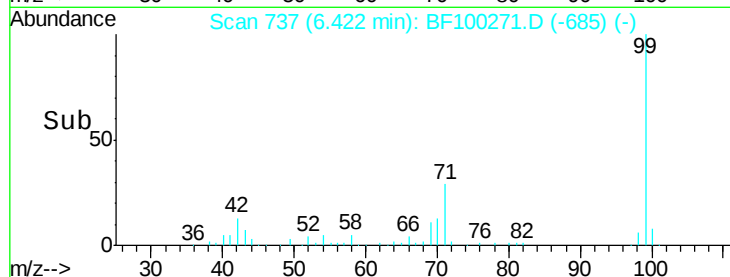
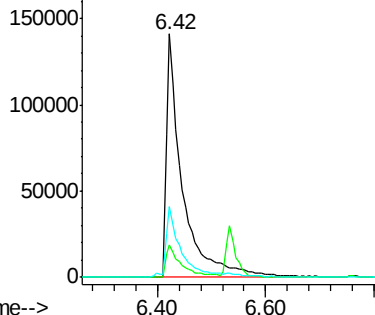
71 28.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF100271.D

Acq: 7 Nov 2017 3:41

Tgt Ion: 136 Resp: 401775

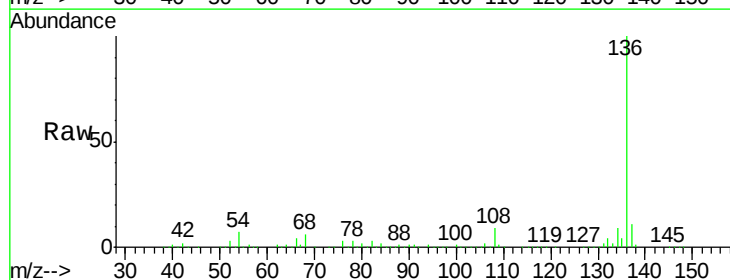
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.7 6.6 9.8

68 5.9 5.0 7.4

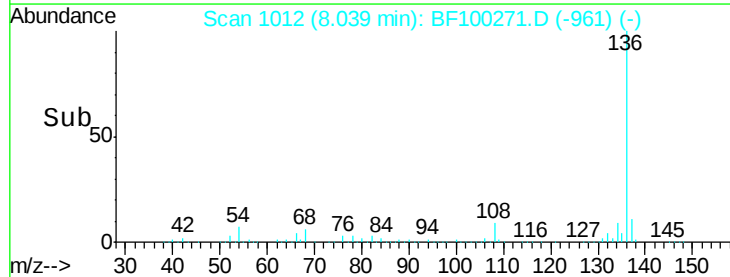
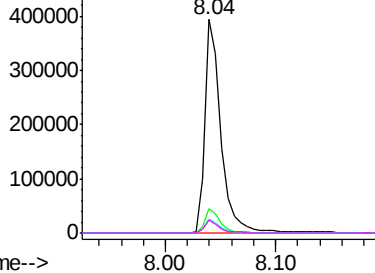


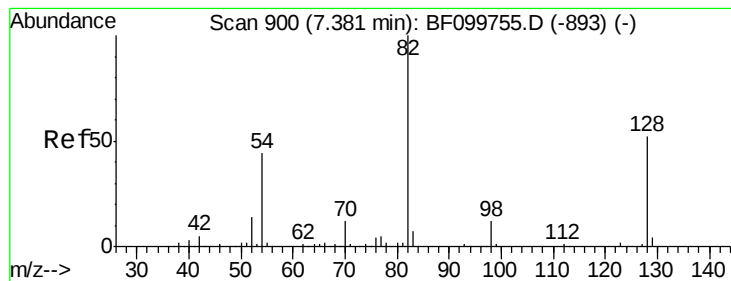
Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.391 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF100271.D

Acq: 7 Nov 2017 3:41

Instrument :

BNA_F

ClientSampleId :

ERM-33

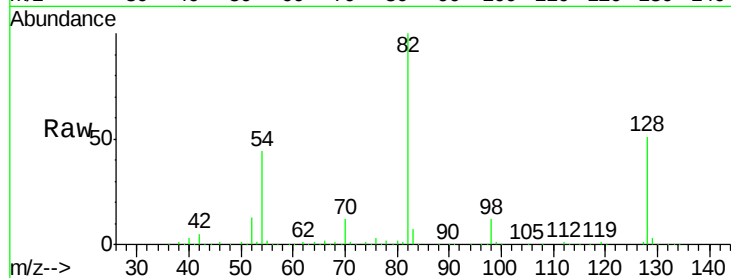
Tgt Ion: 82 Resp: 589060

Ion Ratio Lower Upper

82 100

128 51.3 36.1 54.1

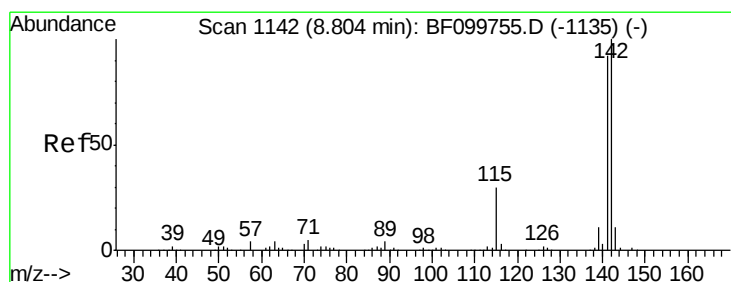
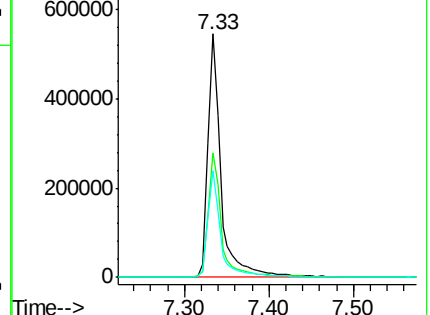
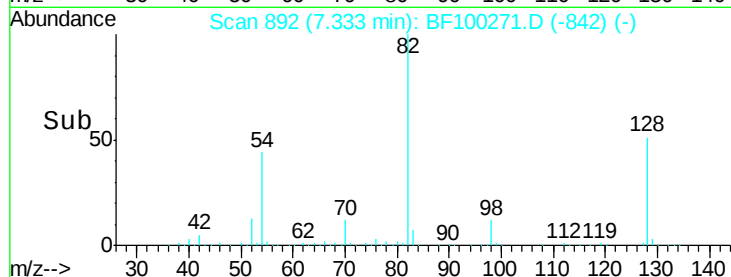
54 43.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#37

2-Methylnaphthalene

Concen: 8.917 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BF100271.D

Acq: 7 Nov 2017 3:41

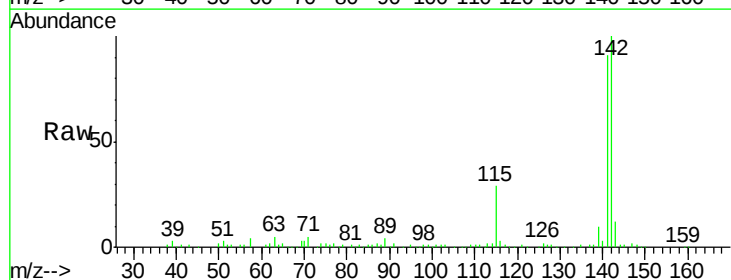
Tgt Ion: 142 Resp: 115898

Ion Ratio Lower Upper

142 100

141 90.7 70.8 106.2

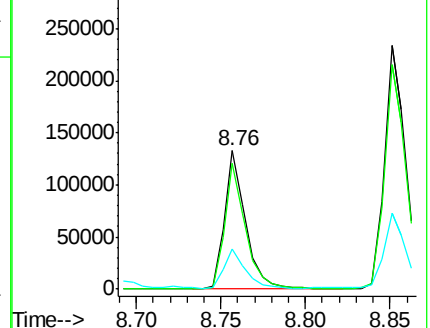
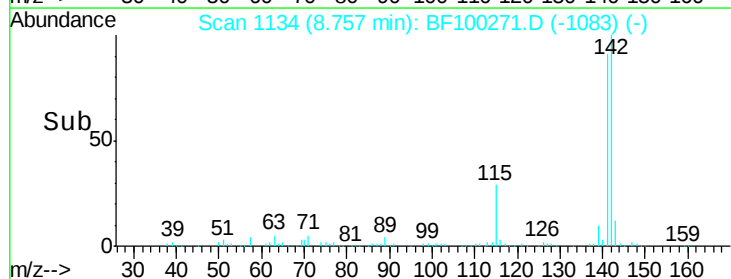
115 29.3 26.1 39.1

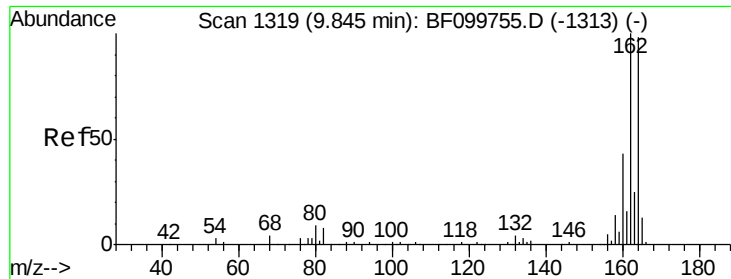


Abundance Ion 142.00 (141.70 to 142.70): BF1

Ion 141.00 (140.70 to 141.70): BF1

Ion 115.00 (114.70 to 115.70): BF1

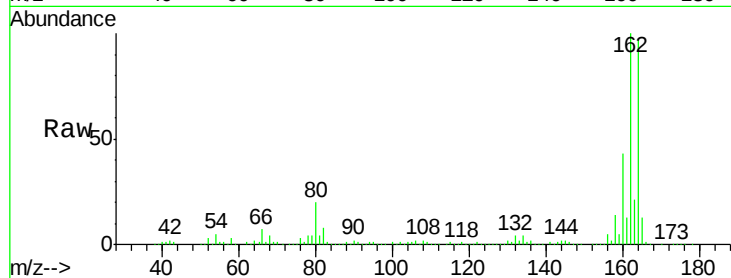




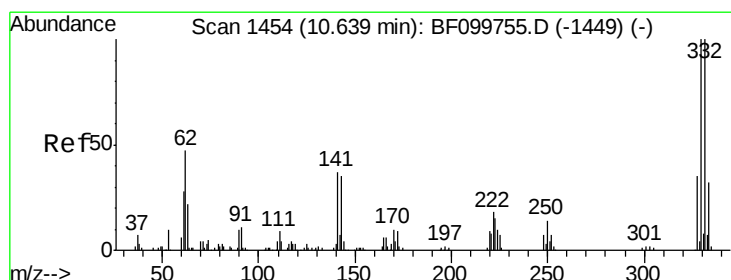
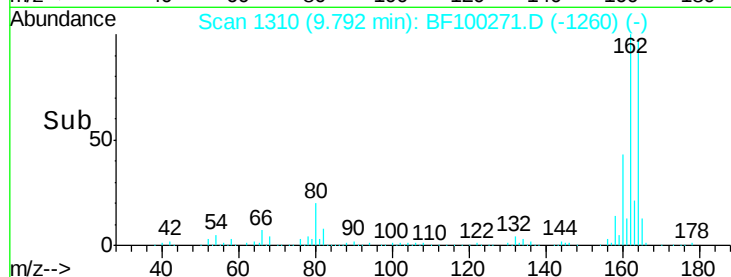
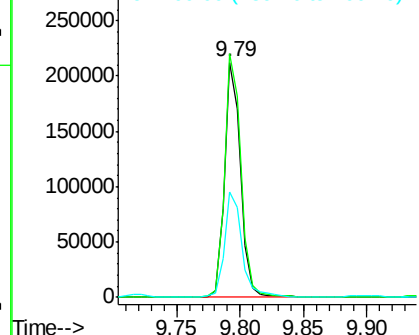
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF100271.D
 Acq: 7 Nov 2017 3:41

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 BNA_F
 ClientSampleId :
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Tgt Ion:164 Resp: 187510
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 44.9 38.3 57.5

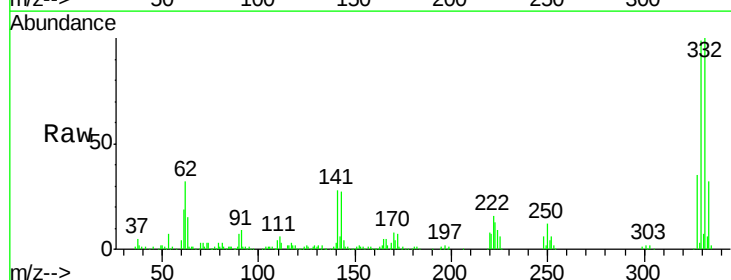


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

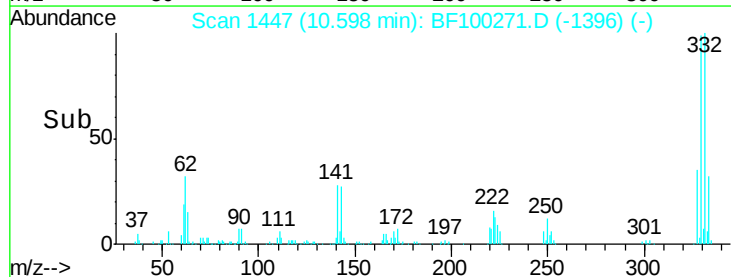
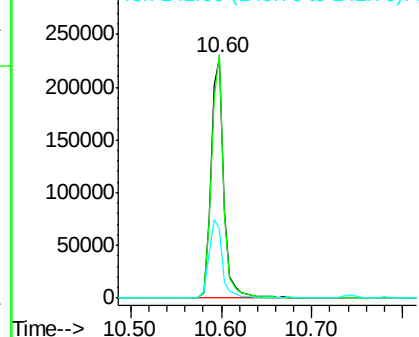


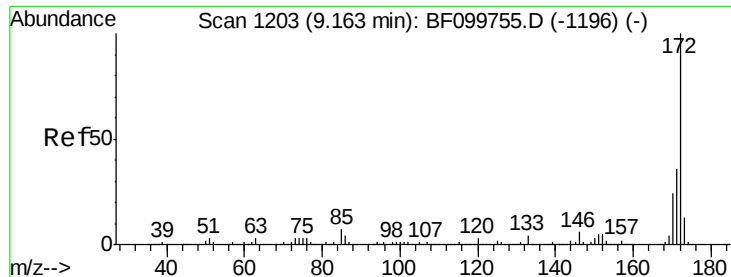
#41
 2,4,6-Tribromophenol
 Concen: 133.568 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF100271.D
 Acq: 7 Nov 2017 3:41

Tgt Ion:330 Resp: 228243
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 33.5 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

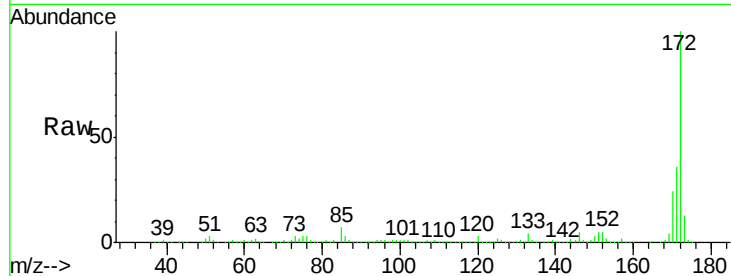




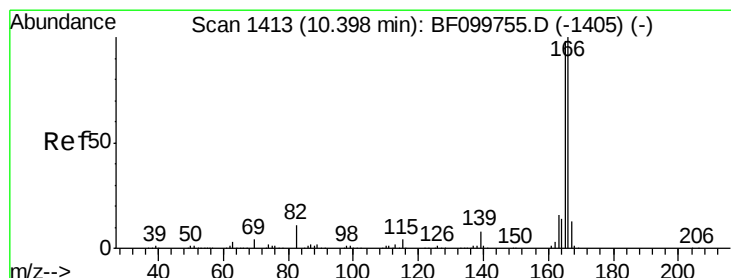
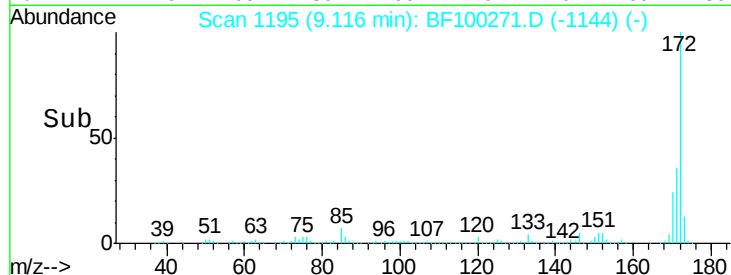
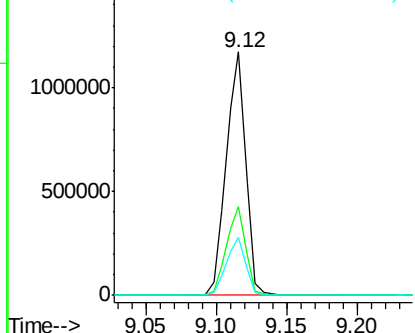
#44
 2-Fluorobiphenyl
 Concen: 92.640 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF100271.D
 Acq: 7 Nov 2017 3:41

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:172 Resp: 1125904
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.9 19.6 29.4

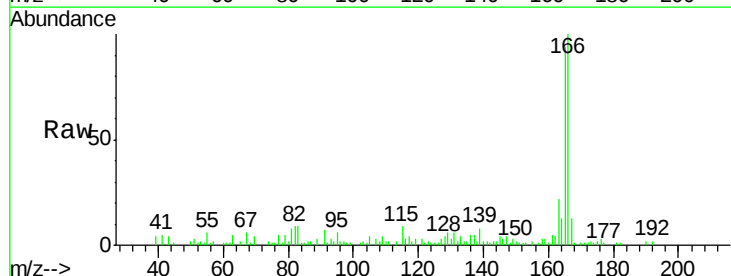


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

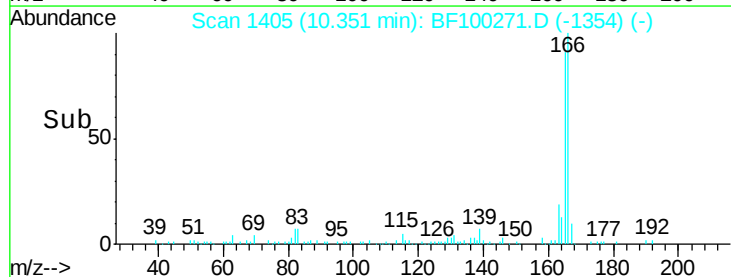
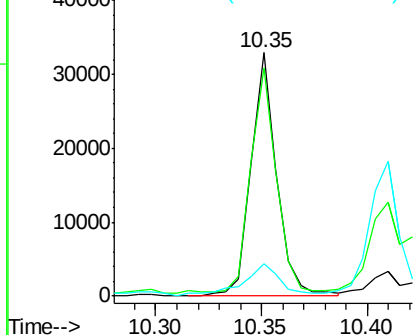


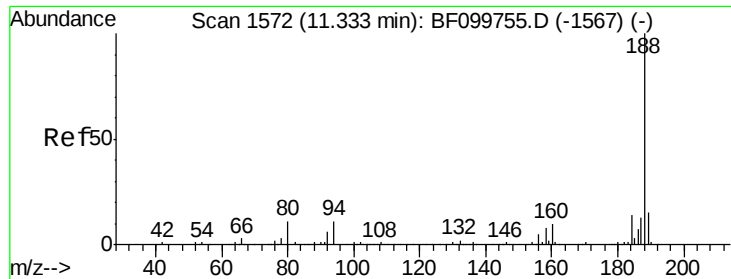
#57
 Fluorene
 Concen: 2.066 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF100271.D
 Acq: 7 Nov 2017 3:41

Tgt Ion:166 Resp: 27994
 Ion Ratio Lower Upper
 166 100
 165 93.6 79.8 119.8
 167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

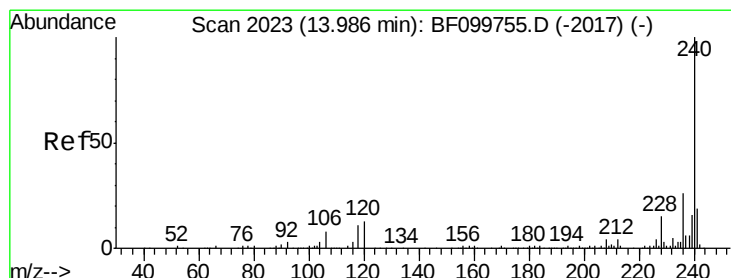
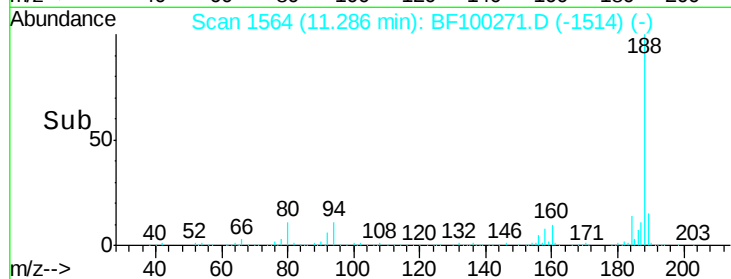
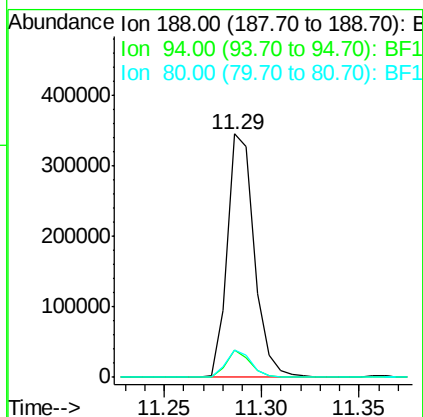
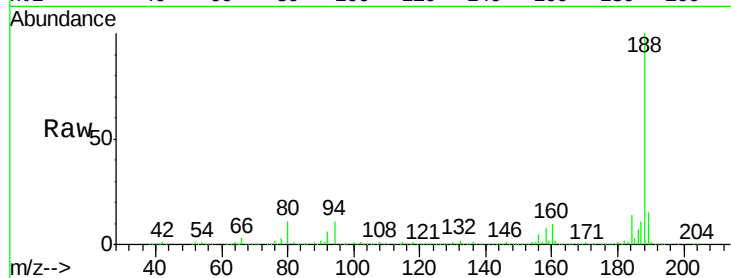




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100271.D
Acq: 7 Nov 2017 3:41

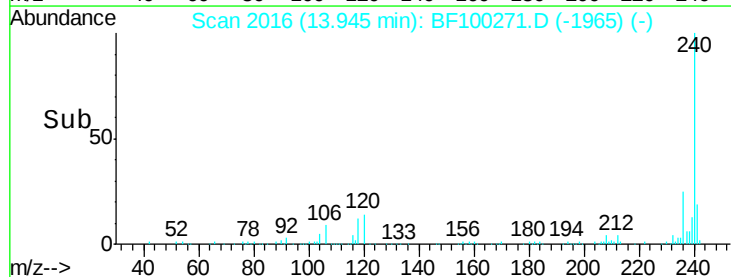
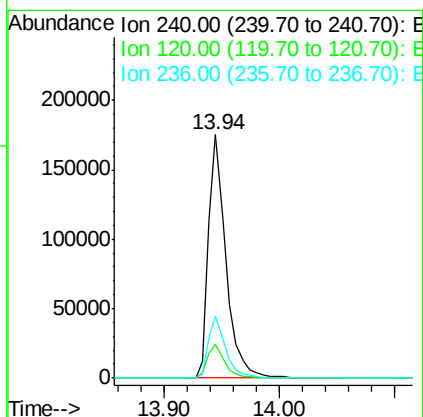
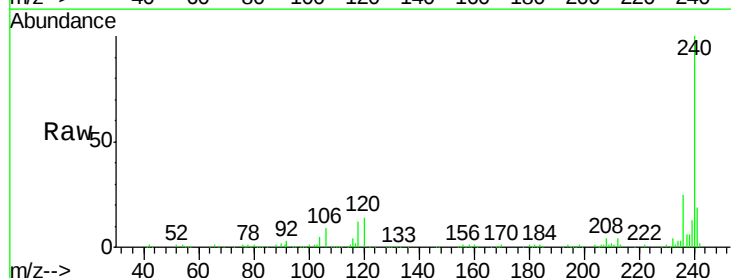
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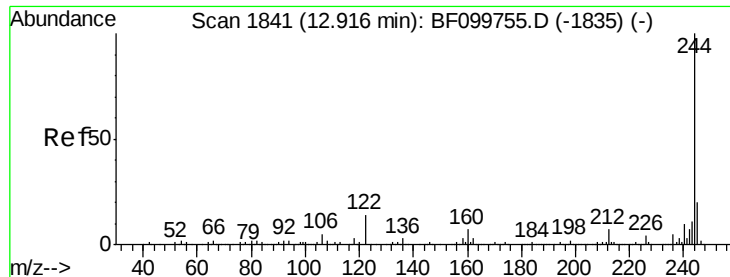
Tgt Ion:188 Resp: 331494
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF100271.D
Acq: 7 Nov 2017 3:41

Tgt Ion:240 Resp: 184285
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.2 20.7 31.1

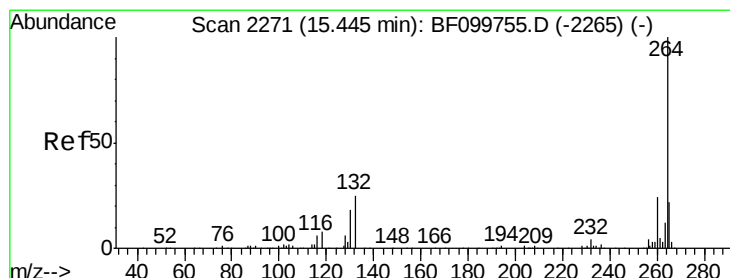
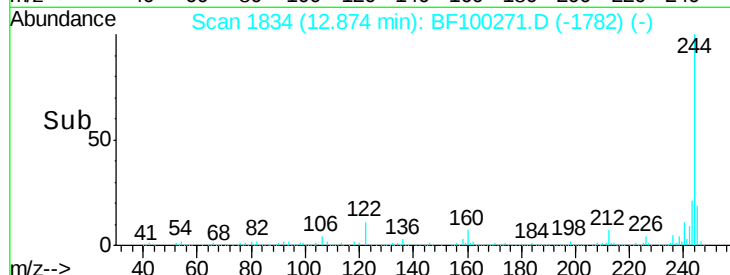
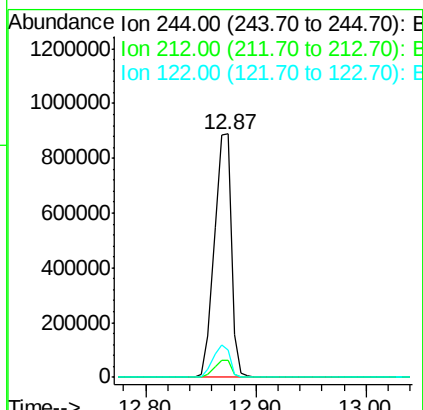
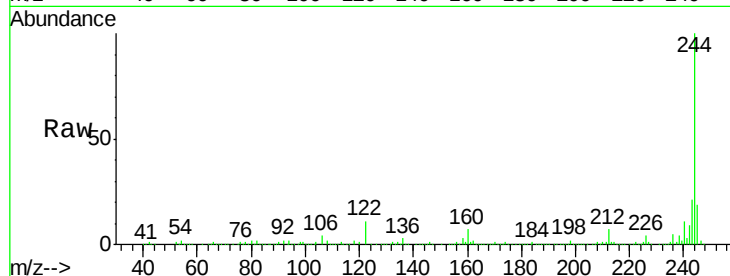




#78
 Terphenyl-d14
 Concen: 112.027 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. 0.01 min
 Lab File: BF100271.D
 Acq: 7 Nov 2017 3:41

Instrument :
 BNA_F
 ClientSampleId :
 ERM-33

Tgt Ion:244 Resp: 944682
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: BF100271.D
 Acq: 7 Nov 2017 3:41

Tgt Ion:264 Resp: 166062
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.7 17.5 26.3

