

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077485.D
 Acq On : 27 Feb 2015 2:39
 Operator : TP/IZ
 Sample : G1385-01
 Misc : S
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1-D1213

Quant Time: Feb 27 07:22:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 07:02:57 2015
 Response via : Initial Calibration

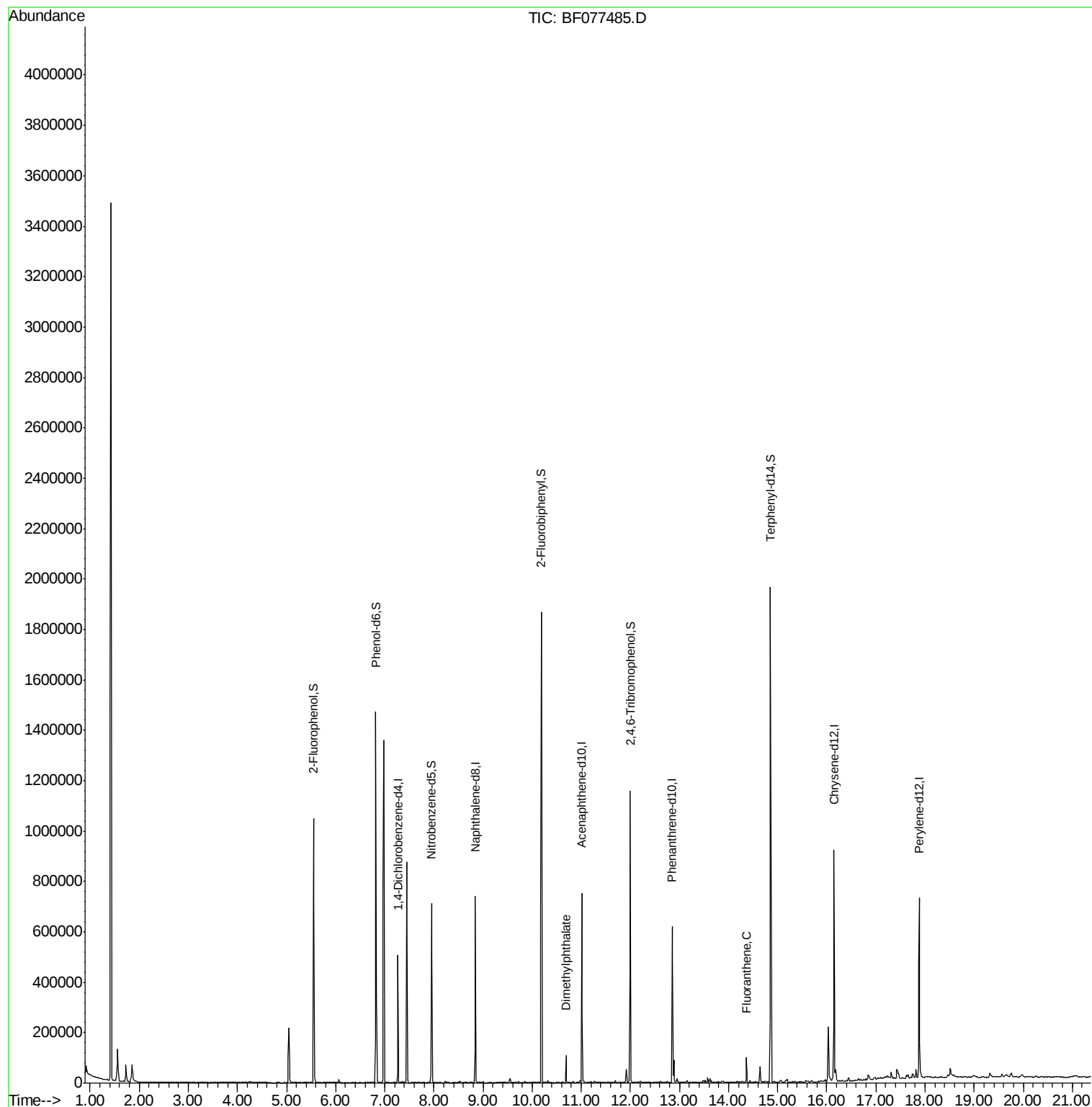
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	76964	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	320027	20.00	ng	0.00
38) Acenaphthene-d10	11.02	164	165226	20.00	ng	0.00
63) Phenanthrene-d10	12.86	188	324104	20.00	ng	0.00
75) Chrysene-d12	16.15	240	363154	20.00	ng	0.00
86) Perylene-d12	17.88	264	353269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	386153	83.76	ng	0.00
7) Phenol-d6	6.82	99	491084	82.85	ng	0.00
23) Nitrobenzene-d5	7.95	82	297356	57.78	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	142925	89.84	ng	0.00
44) 2-Fluorobiphenyl	10.19	172	640294	60.43	ng	0.00
78) Terphenyl-d14	14.86	244	773371	49.79	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.69	163	44311	3.82	ng	99
74) Fluoranthene	14.37	202	47299	2.31	ng	97

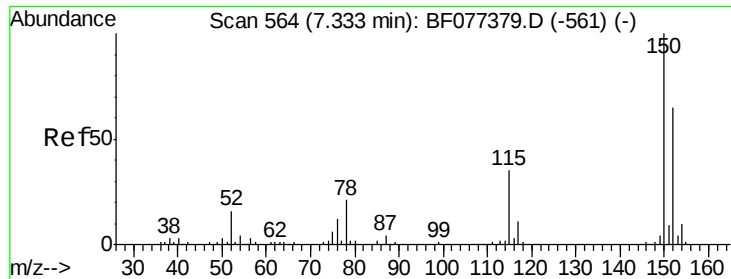
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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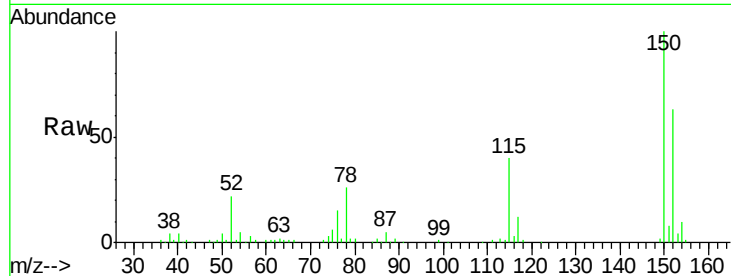




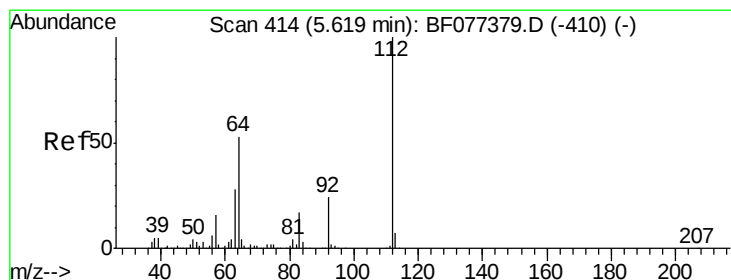
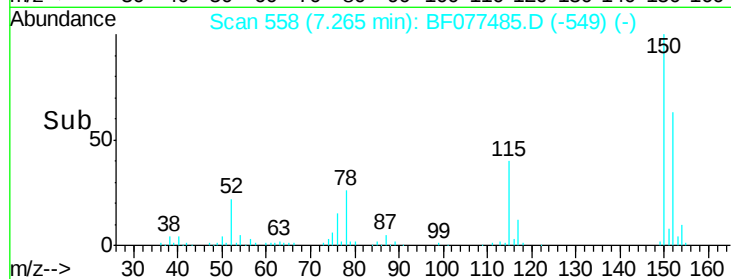
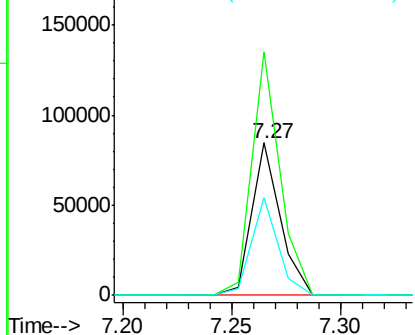
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.27 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF077485.D
 Acq: 27 Feb 2015 2:39

Instrument :
 BNA_F
 ClientSampleId :
 B-1-D1213

Tgt Ion:152 Resp: 76964
 Ion Ratio Lower Upper
 152 100
 150 160.0 124.0 186.0
 115 63.8 49.4 74.2

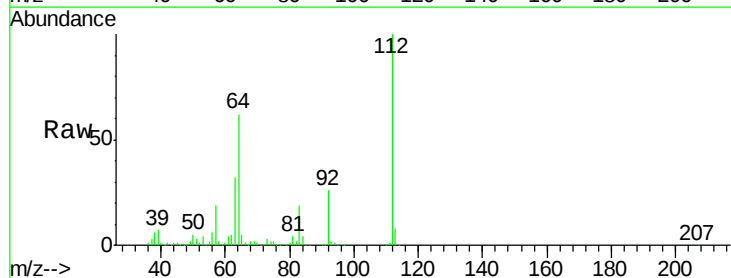


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

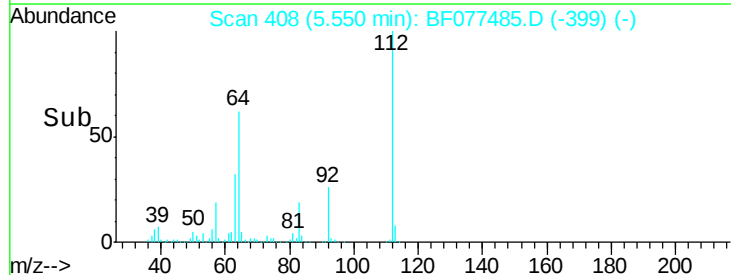
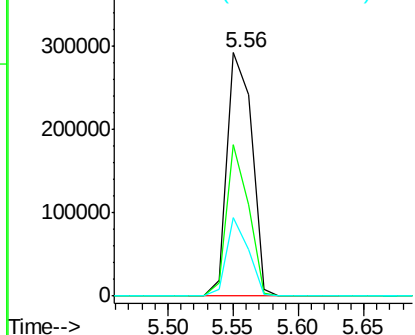


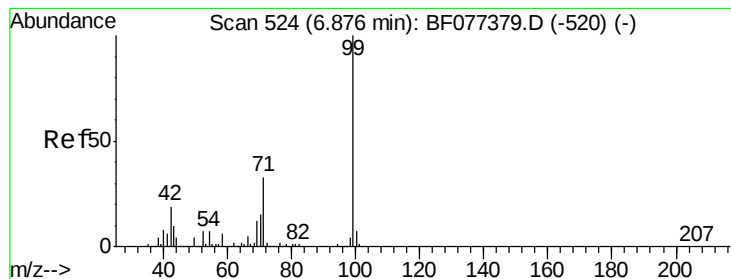
#5
 2-Fluorophenol
 Concen: 83.76 ng
 RT: 5.56 min Scan# 408
 Delta R.T. 0.01 min
 Lab File: BF077485.D
 Acq: 27 Feb 2015 2:39

Tgt Ion:112 Resp: 386153
 Ion Ratio Lower Upper
 112 100
 64 62.3 48.5 72.7
 63 32.3 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 82.85 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF077485.D

Acq: 27 Feb 2015 2:39

Instrument :

BNA_F

ClientSampleId :

B-1-D1213

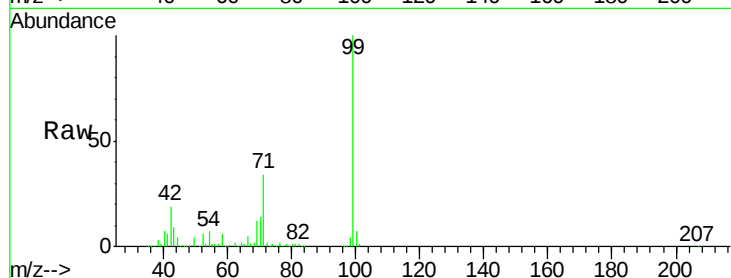
Tgt Ion: 99 Resp: 491084

Ion Ratio Lower Upper

99 100

42 19.1 16.2 24.4

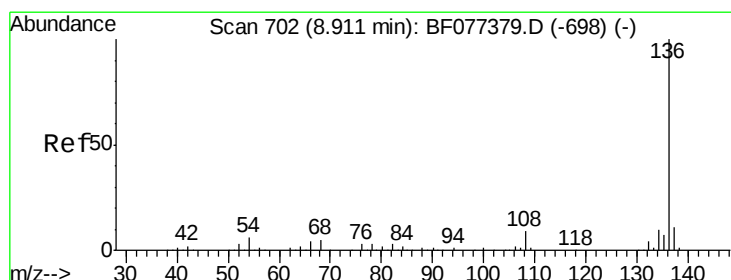
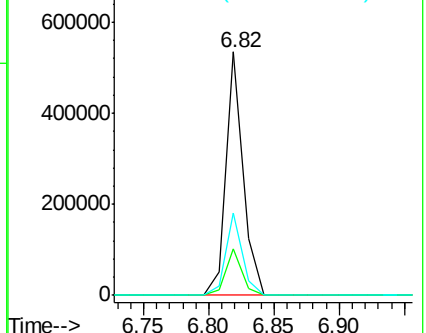
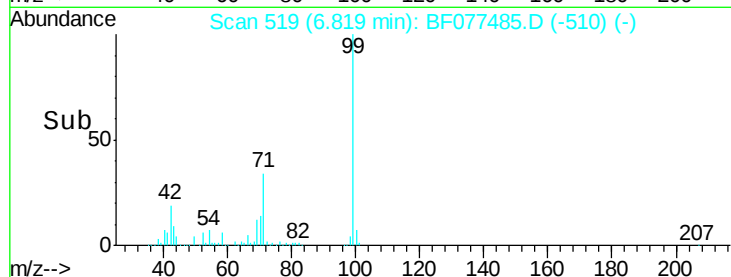
71 34.0 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF077485.D

Acq: 27 Feb 2015 2:39

Tgt Ion: 136 Resp: 320027

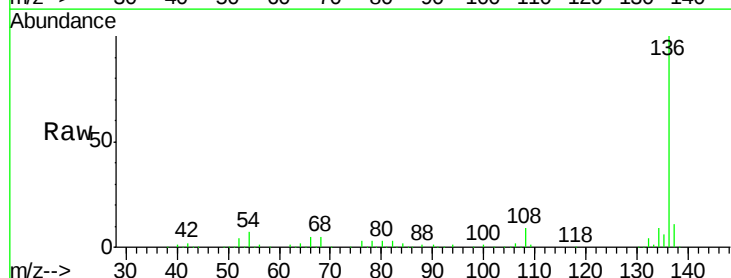
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 7.1 6.2 9.4

68 5.5 5.0 7.6

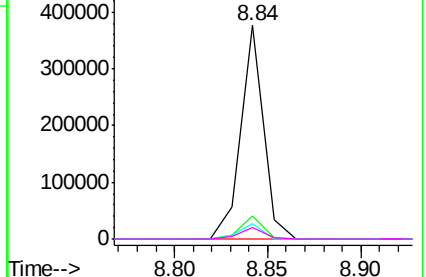
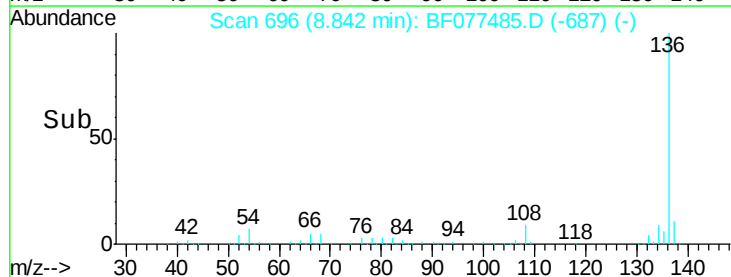


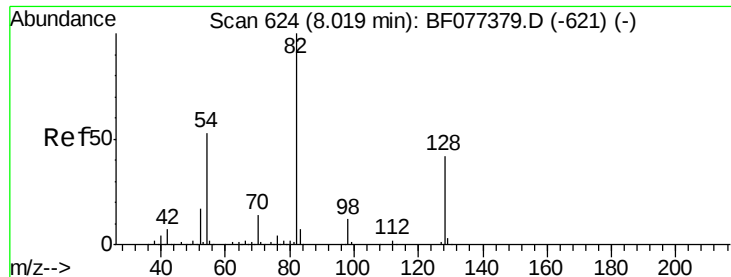
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 57.78 ng

RT: 7.95 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF077485.D

Acq: 27 Feb 2015 2:39

Instrument :

BNA_F

ClientSampleId :

B-1-D1213

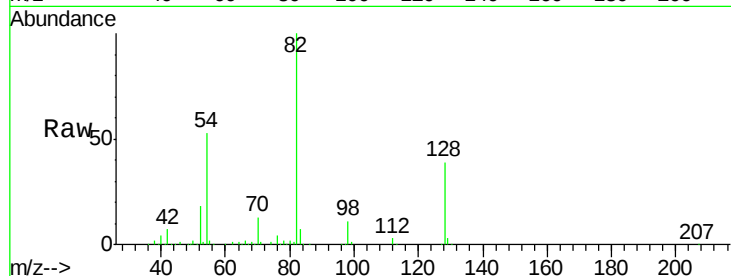
Tgt Ion: 82 Resp: 297356

Ion Ratio Lower Upper

82 100

128 38.7 43.8 65.8#

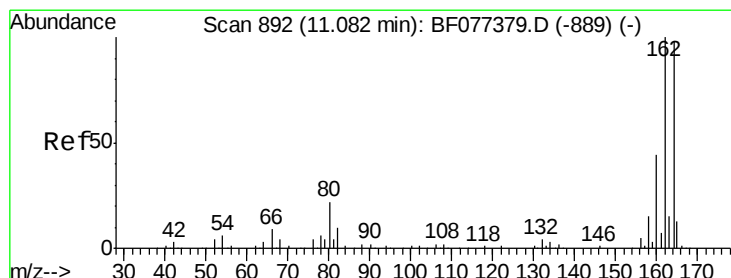
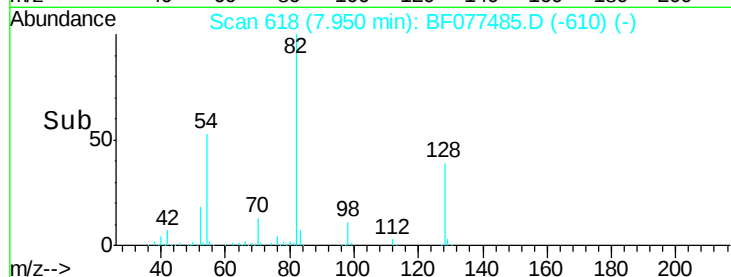
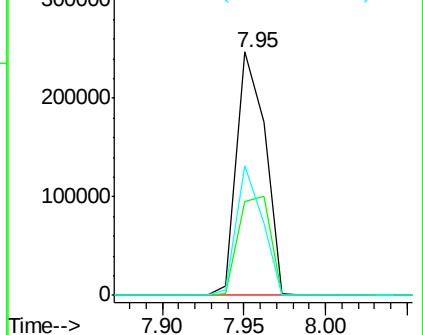
54 53.4 36.7 55.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.02 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF077485.D

Acq: 27 Feb 2015 2:39

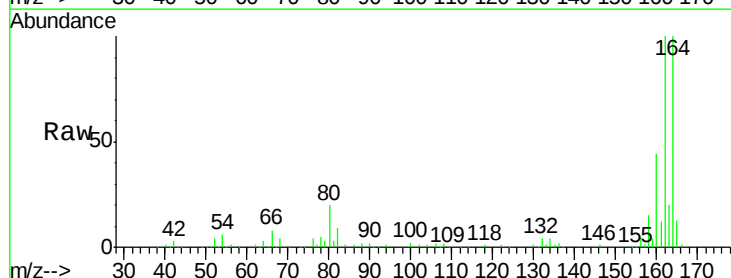
Tgt Ion: 164 Resp: 165226

Ion Ratio Lower Upper

164 100

162 100.1 83.2 124.8

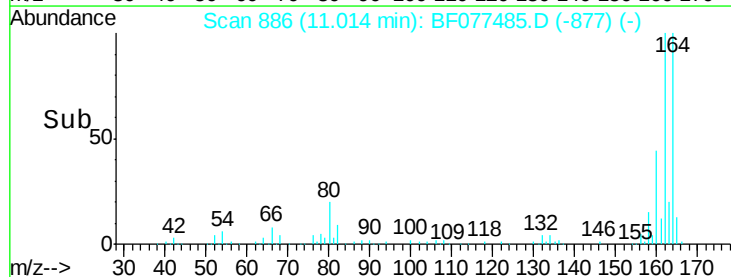
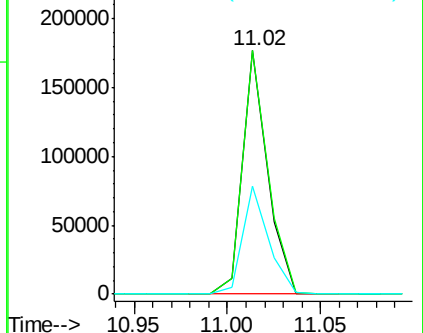
160 44.4 34.6 52.0

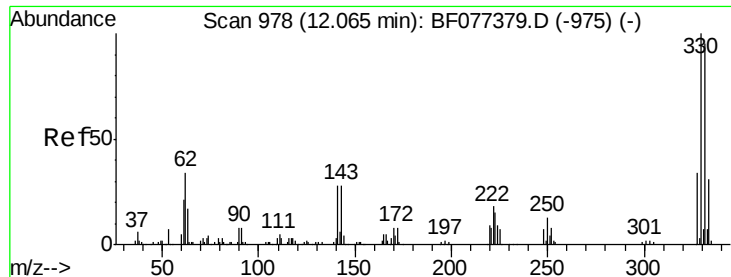


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

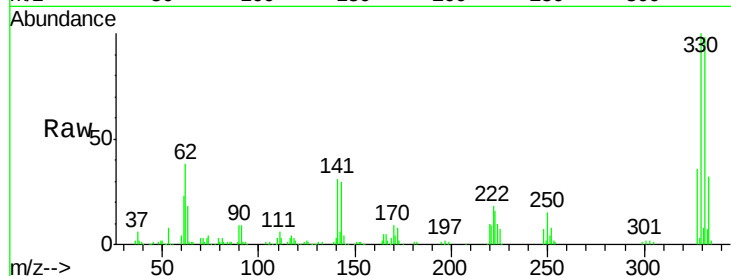




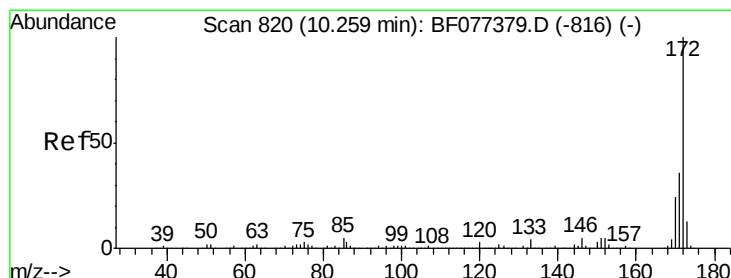
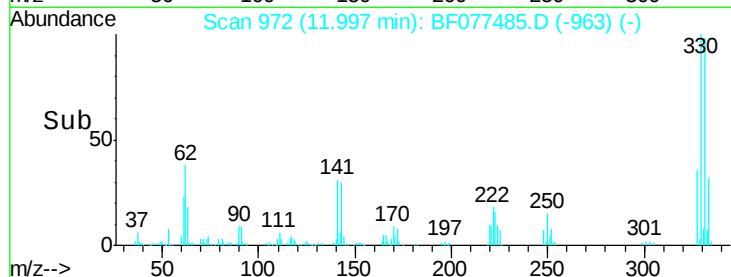
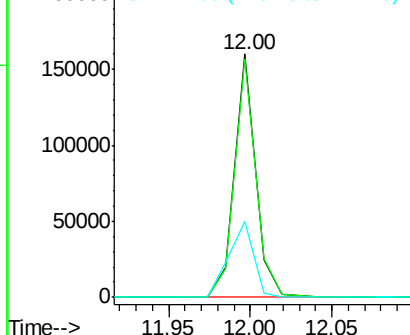
#41
 2,4,6-Tribromophenol
 Concen: 89.84 ng
 RT: 12.00 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF077485.D
 Acq: 27 Feb 2015 2:39

Instrument :
 BNA_F
 ClientSampleId :
 B-1-D1213

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	36.7	28.8	43.2

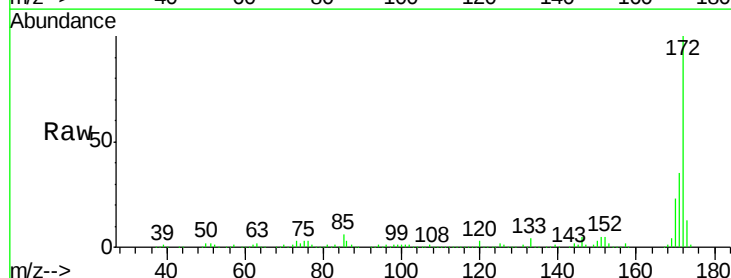


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

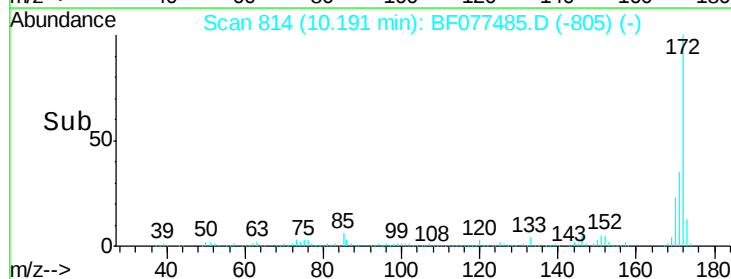
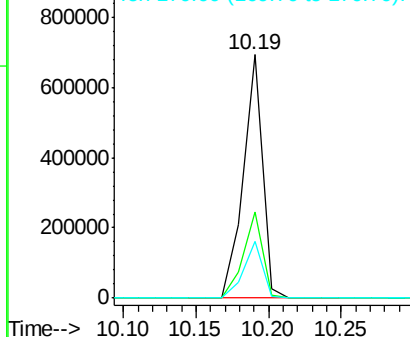


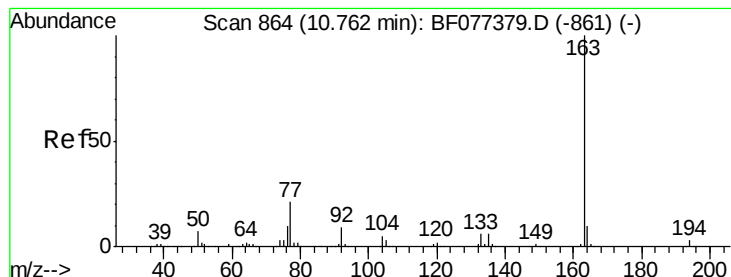
#44
 2-Fluorobiphenyl
 Concen: 60.43 ng
 RT: 10.19 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF077485.D
 Acq: 27 Feb 2015 2:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.9	43.3
170	23.4	19.4	29.2



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: 3.82 ng

RT: 10.69 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF077485.D

Acq: 27 Feb 2015 2:39

Instrument :

BNA_F

ClientSampleId :

B-1-D1213

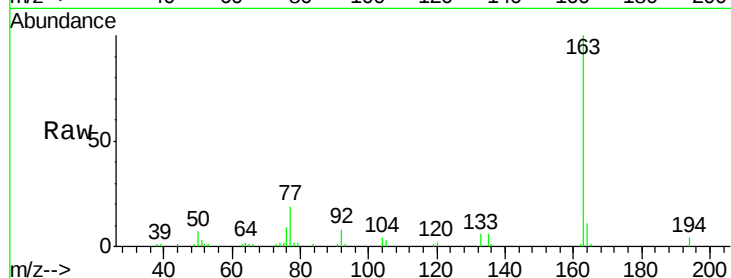
Tgt Ion:163 Resp: 44311

Ion Ratio Lower Upper

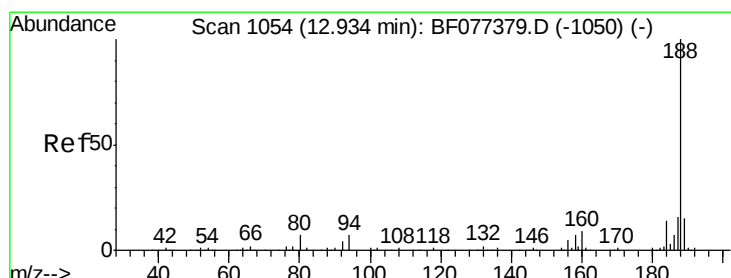
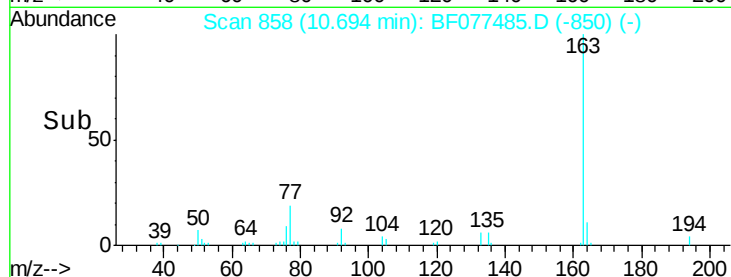
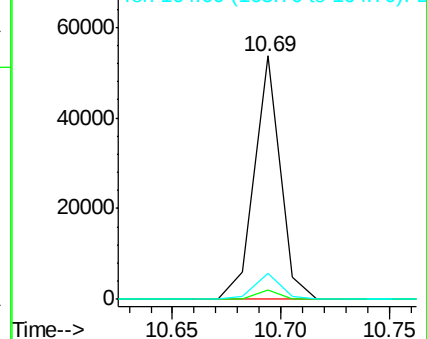
163 100

194 3.9 2.6 4.0

164 10.9 8.6 13.0



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: 12.86 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF077485.D

Acq: 27 Feb 2015 2:39

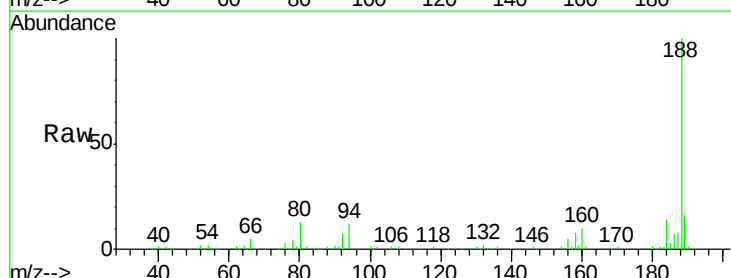
Tgt Ion:188 Resp: 324104

Ion Ratio Lower Upper

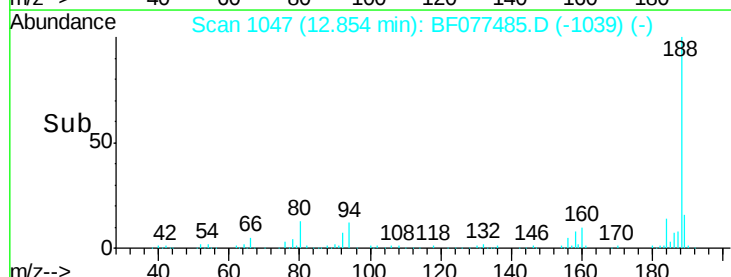
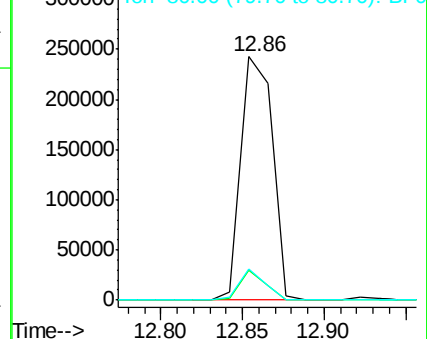
188 100

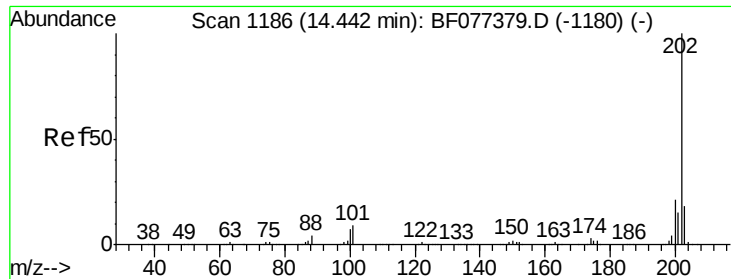
94 12.4 7.4 11.2#

80 12.8 8.0 12.0#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

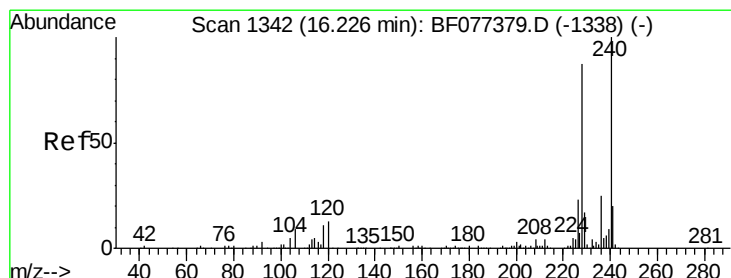
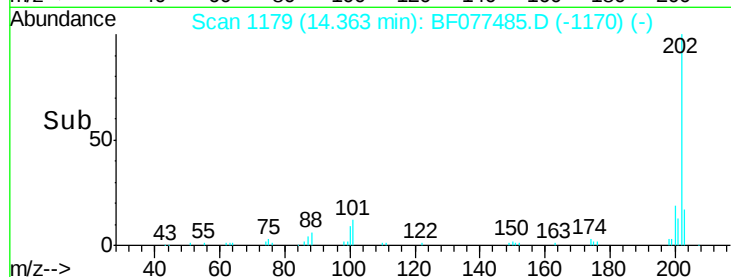
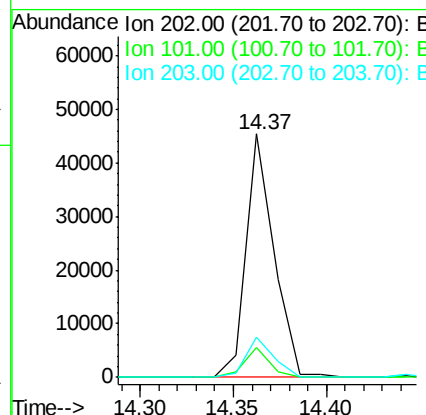
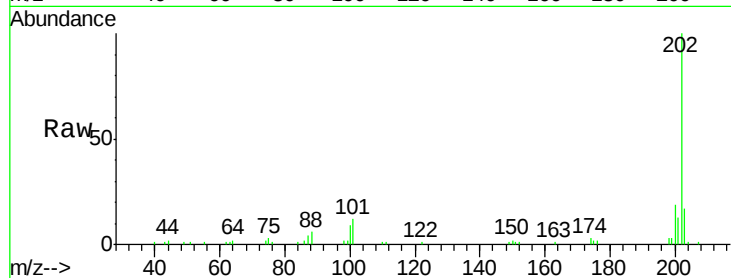




#74
 Fluoranthene
 Concen: 2.31 ng
 RT: 14.37 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF077485.D
 Acq: 27 Feb 2015 2:39

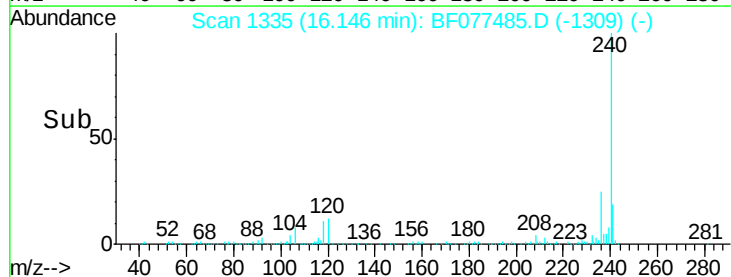
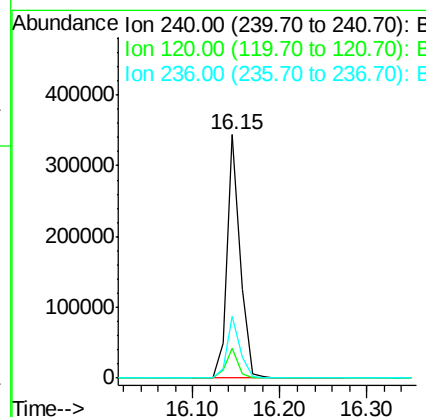
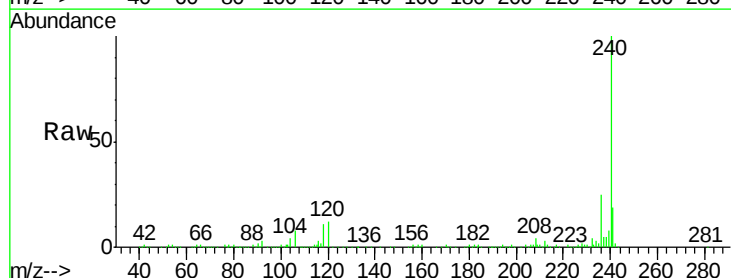
Instrument :
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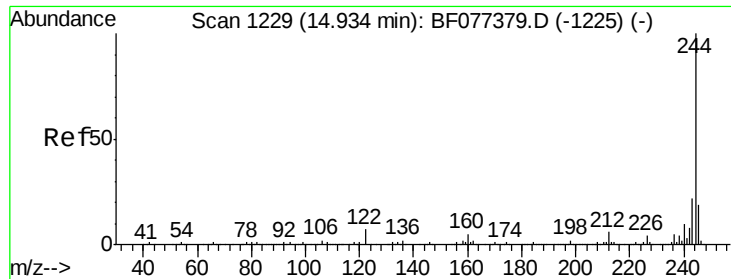
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.8
203	16.7	0.0	37.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.15 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF077485.D
 Acq: 27 Feb 2015 2:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.8	13.2
236	25.4	20.7	31.1

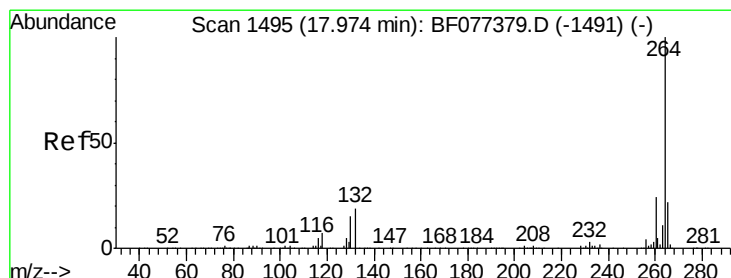
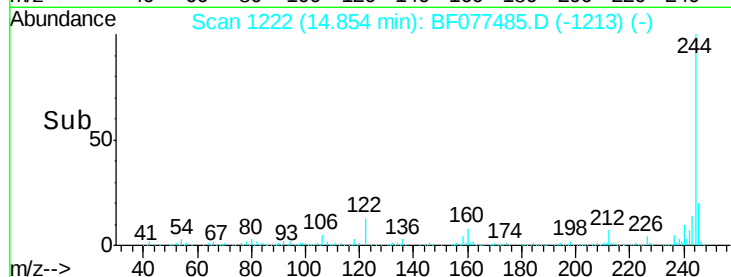
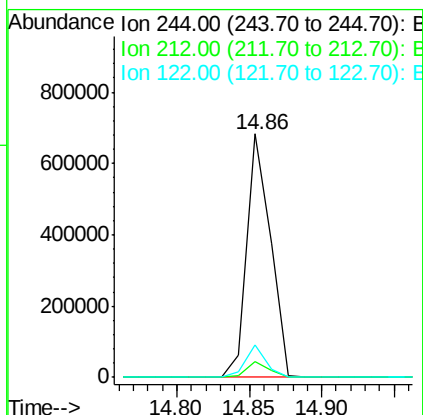
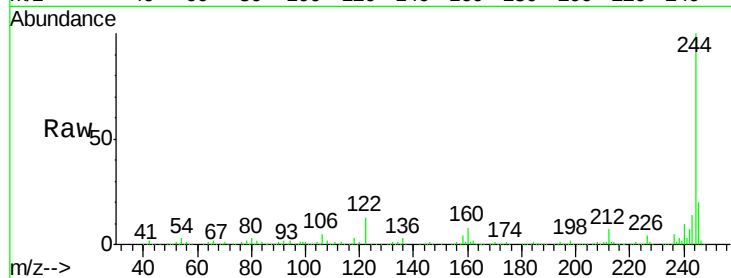




#78
 Terphenyl-d14
 Concen: 49.79 ng
 RT: 14.86 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF077485.D
 Acq: 27 Feb 2015 2:39

Instrument :
 BNA_F
 ClientSampleId :
 B-1-D1213

Tgt Ion:244 Resp: 773371
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 13.1 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.88 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: BF077485.D
 Acq: 27 Feb 2015 2:39

Tgt Ion:264 Resp: 353269
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.3 28.9
 265 22.1 16.8 25.2

