

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078312.D
 Acq On : 7 Apr 2015 21:56
 Operator : TP/IZ
 Sample : G1783-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16(11-12)

Quant Time: Apr 08 02:07:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 01:52:14 2015
 Response via : Initial Calibration

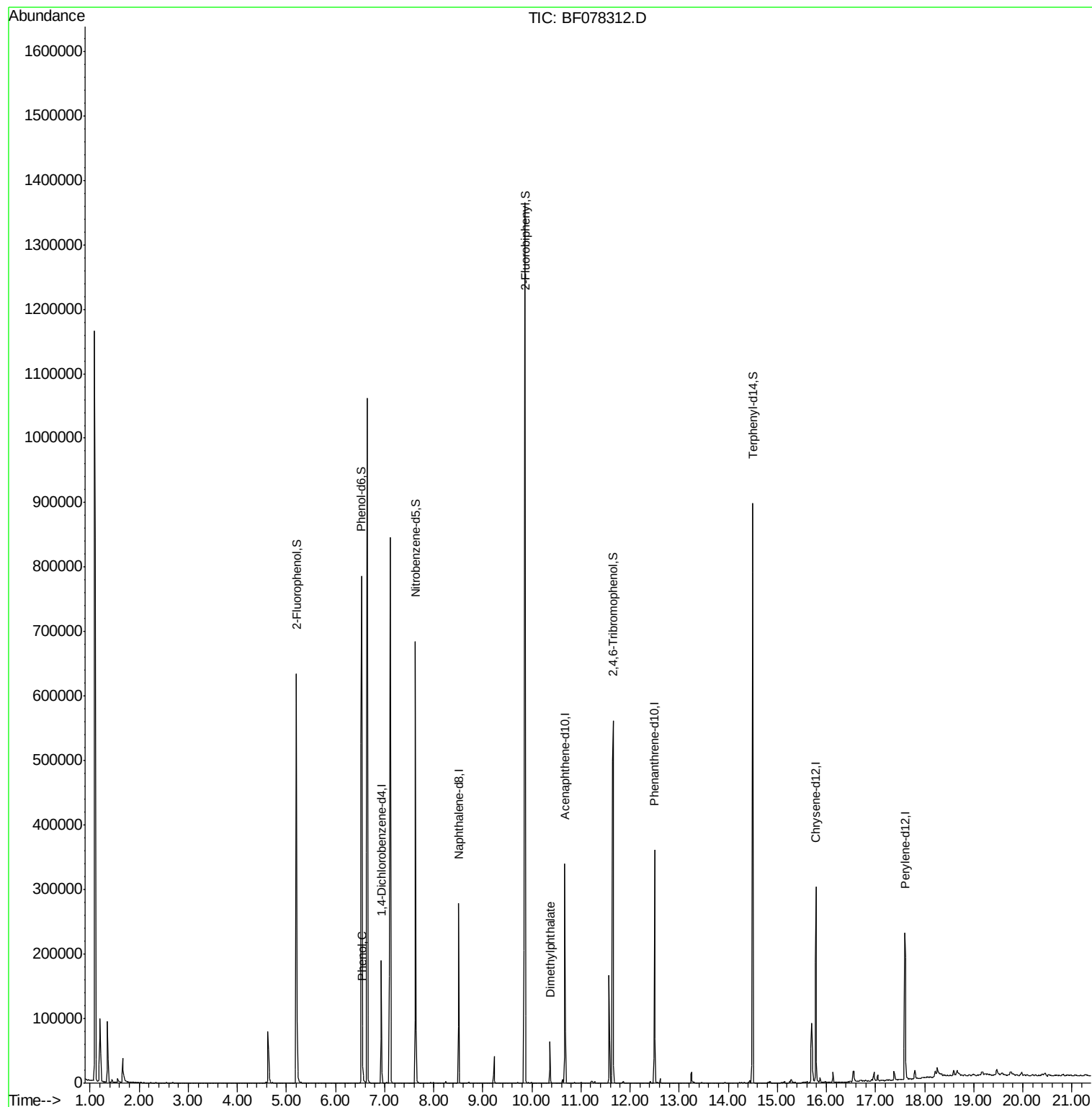
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	33197	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	136730	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	70786	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	136369	20.00	ng	0.00
75) Chrysene-d12	15.79	240	141978	20.00	ng	0.01
86) Perylene-d12	17.60	264	133524	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	289166	143.62	ng	0.01
7) Phenol-d6	6.53	99	373588	148.06	ng	0.00
23) Nitrobenzene-d5	7.63	82	210728	93.42	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	94164	160.40	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	406814	82.15	ng	0.00
78) Terphenyl-d14	14.50	244	435015	69.24	ng	0.00
Target Compounds						
10) Phenol	6.54	94	10382	3.43	ng	Qvalue 85
49) Dimethylphthalate	10.37	163	31333	5.89	ng	# 97

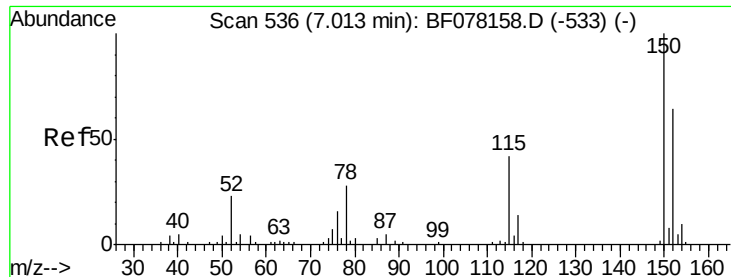
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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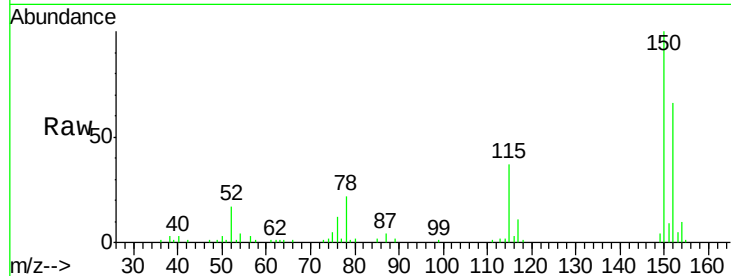


#1

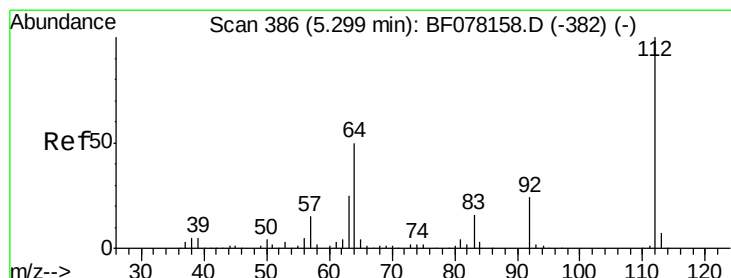
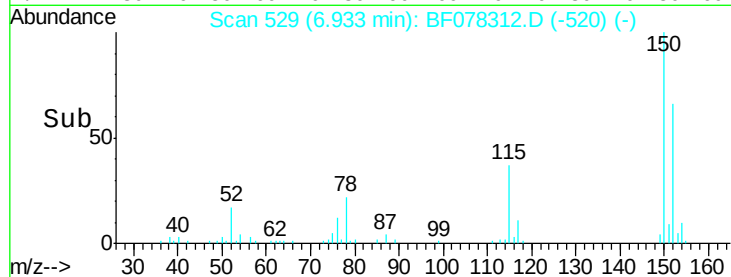
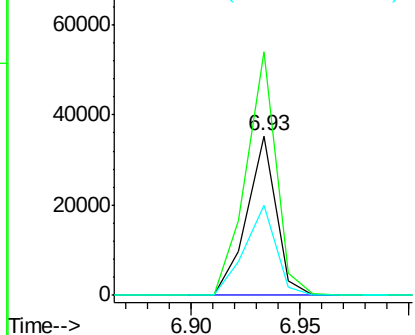
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF078312.D
Acq: 7 Apr 2015 21:56

Instrument :
BNA_F
ClientSampleId :
SB-16(11-12)

Tot Ion:152 Resp: 33197
Ion Ratio Lower Upper
152 100
150 152.6 125.9 188.9
115 56.1 52.7 79.1



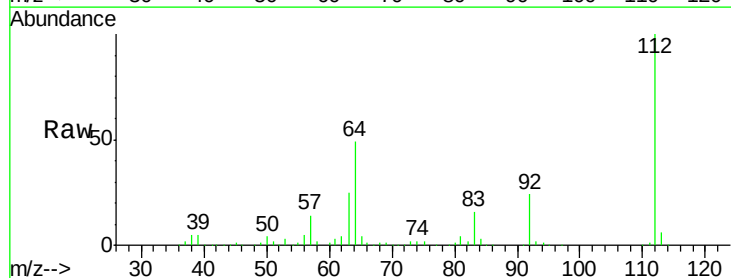
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



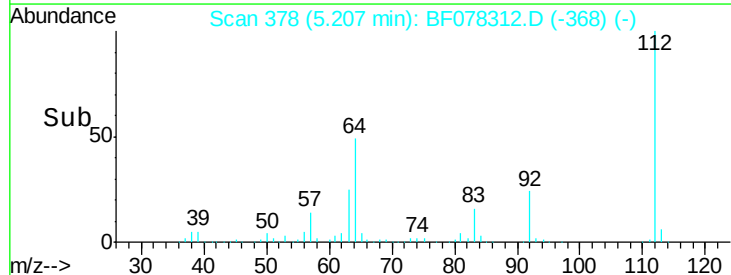
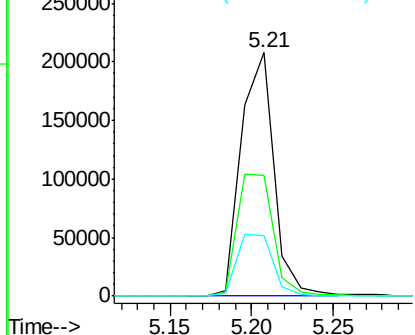
#5

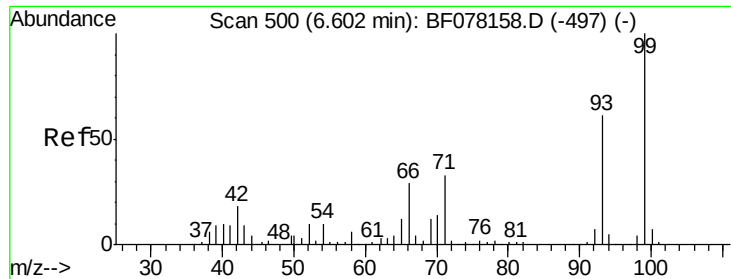
2-Fluorophenol
Concen: 143.62 ng
RT: 5.21 min Scan# 378
Delta R.T. 0.01 min
Lab File: BF078312.D
Acq: 7 Apr 2015 21:56

Tgt Ion:112 Resp: 289166
Ion Ratio Lower Upper
112 100
64 49.4 39.9 59.9
63 25.0 20.2 30.4



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: 148.06 ng

RT: 6.53 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF078312.D

Acq: 7 Apr 2015 21:56

Instrument :

BNA_F

ClientSampleId :

SB-16(11-12)

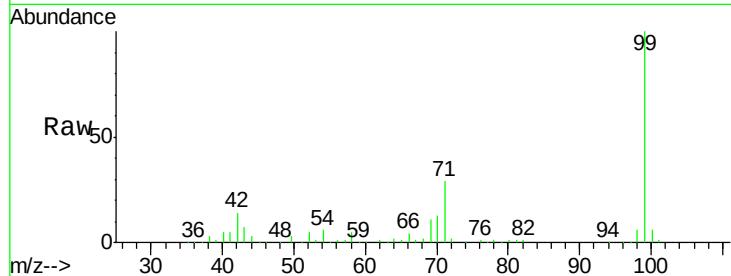
Tot Ion: 99 Resp: 373588

Ion Ratio Lower Upper

99 100

42 13.8 14.8 22.2#

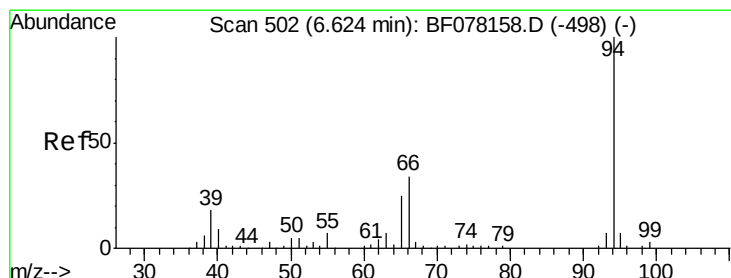
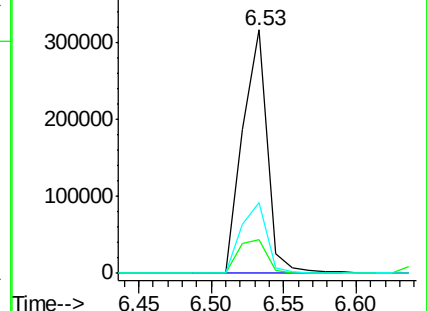
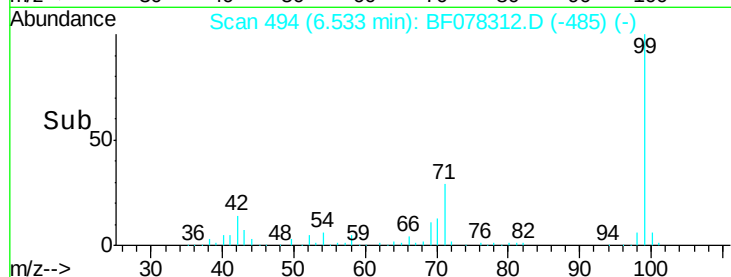
71 29.2 26.6 39.8



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



#10

Phenol

Concen: 3.43 ng

RT: 6.54 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF078312.D

Acq: 7 Apr 2015 21:56

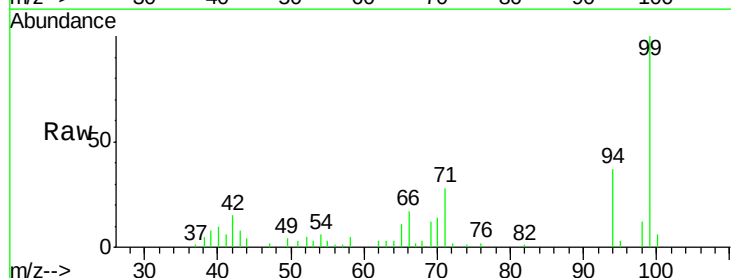
Tgt Ion: 94 Resp: 10382

Ion Ratio Lower Upper

94 100

65 29.9 4.9 44.9

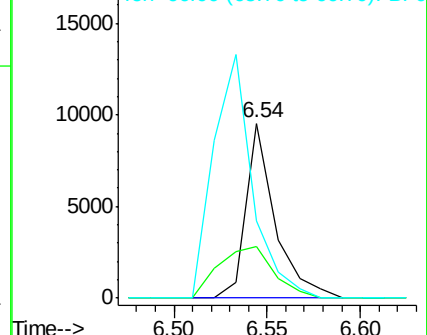
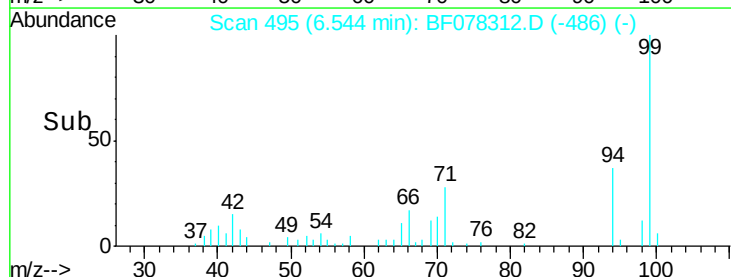
66 44.2 13.8 53.8

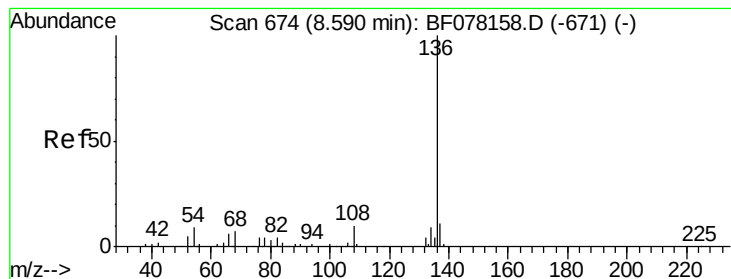


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF078312.D

Acq: 7 Apr 2015 21:56

Instrument :

BNA_F

ClientSampleId :

SB-16(11-12)

Tot Ion:136 Resp: 136730

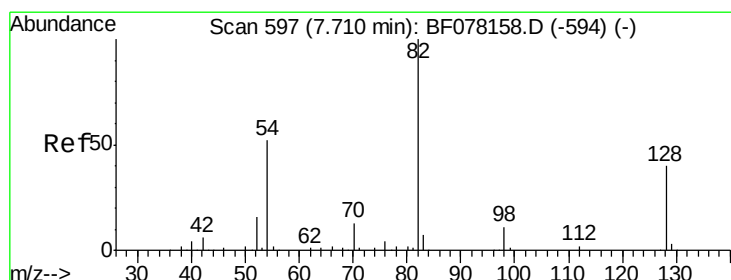
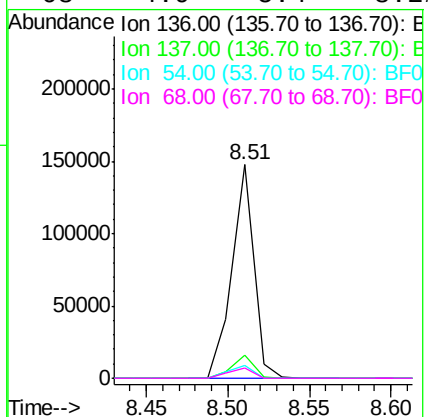
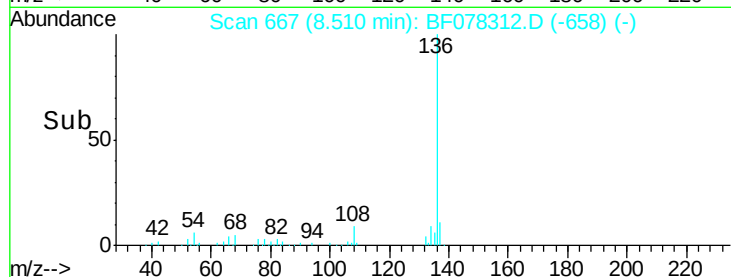
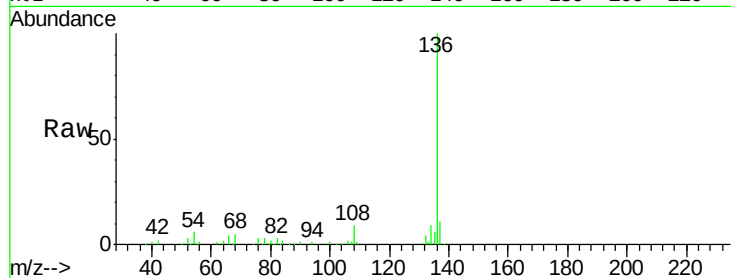
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 5.9 7.0 10.6#

68 4.9 5.4 8.2#



#23

Nitrobenzene-d5

Concen: 93.42 ng

RT: 7.63 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF078312.D

Acq: 7 Apr 2015 21:56

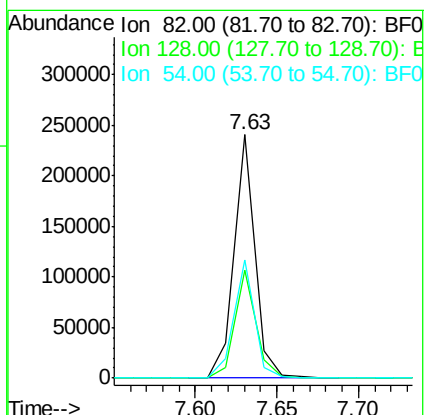
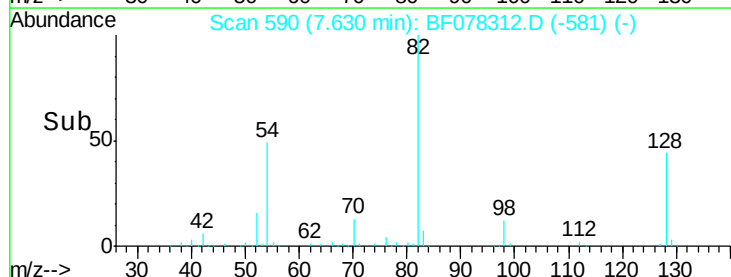
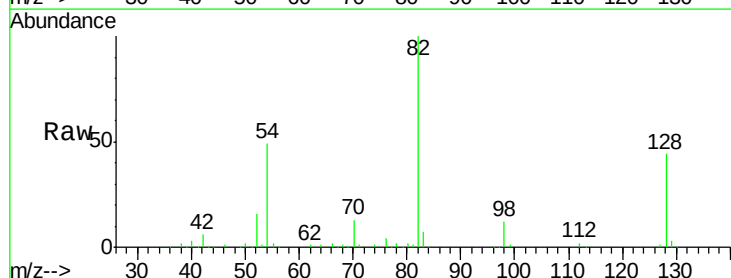
Tgt Ion: 82 Resp: 210728

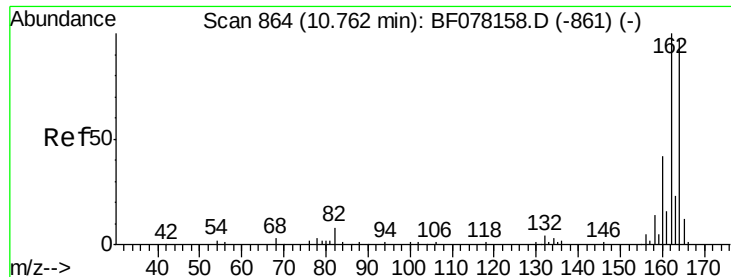
Ion Ratio Lower Upper

82 100

128 44.5 31.8 47.8

54 48.6 41.5 62.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.67 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF078312.D

Acq: 7 Apr 2015 21:56

Instrument :

BNA_F

ClientSampleId :

SB-16(11-12)

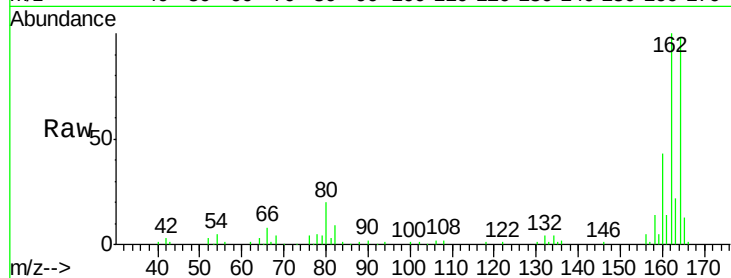
Tot Ion:164 Resp: 70786

Ion Ratio Lower Upper

164 100

162 102.5 82.2 123.2

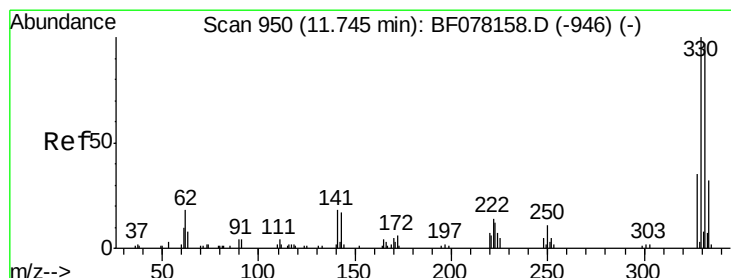
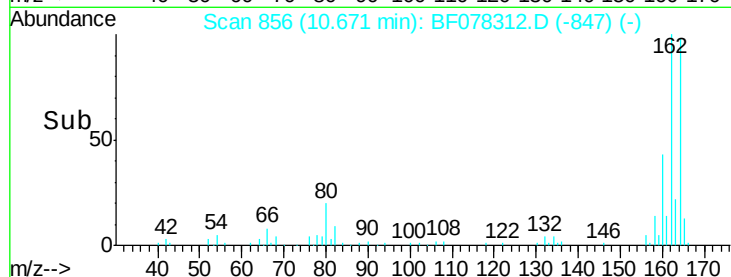
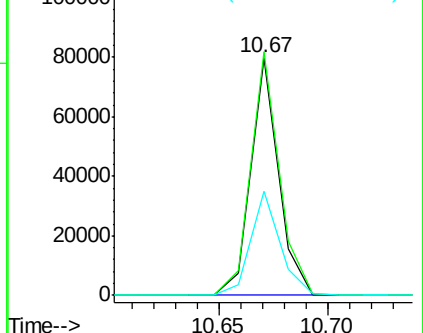
160 43.8 34.7 52.1



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: 160.40 ng

RT: 11.65 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF078312.D

Acq: 7 Apr 2015 21:56

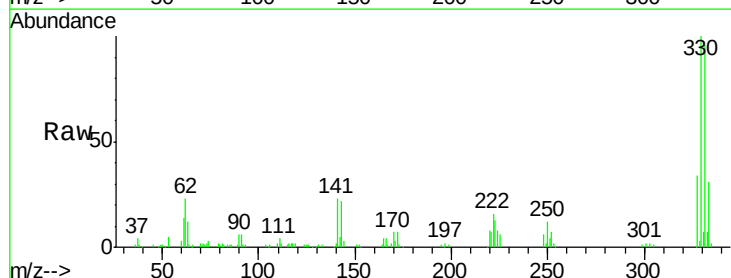
Tgt Ion:330 Resp: 94164

Ion Ratio Lower Upper

330 100

332 95.0 78.6 117.8

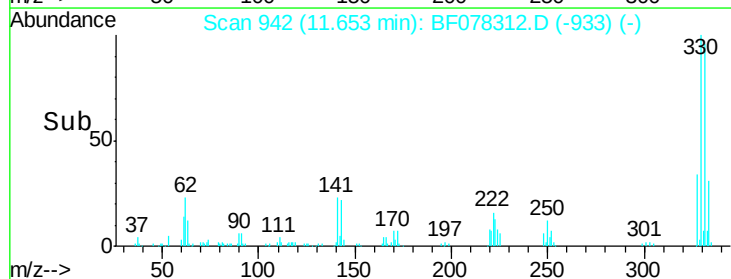
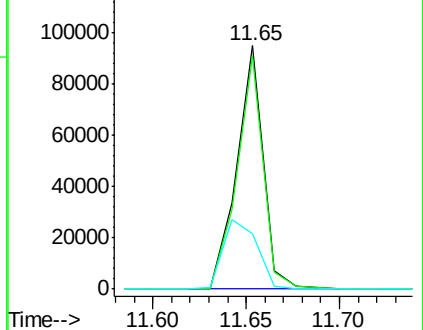
141 36.7 31.2 46.8

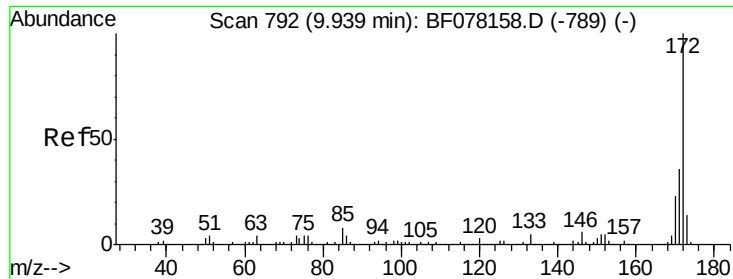


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

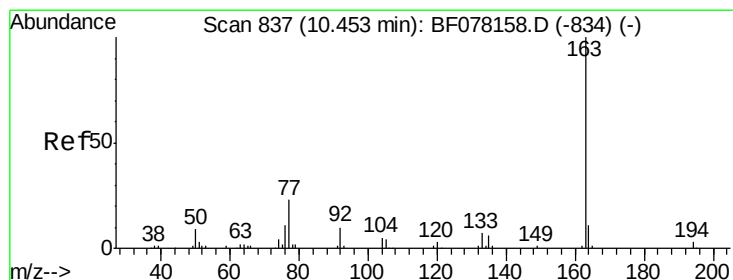
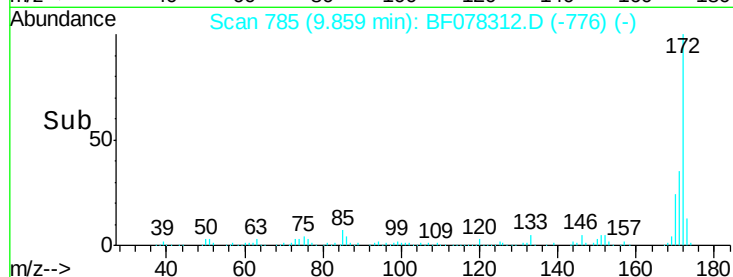
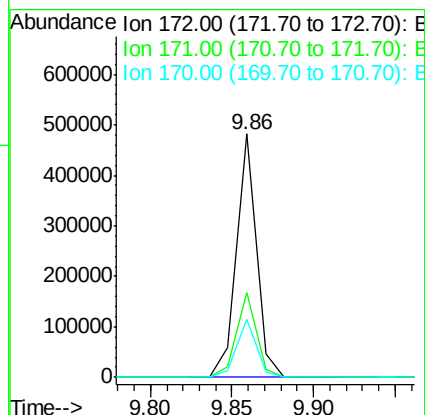
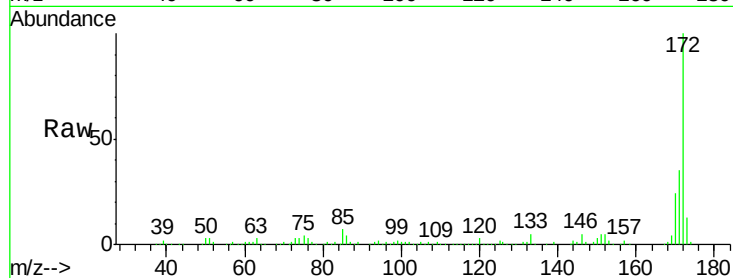




#44
2-Fluorobiphenyl
Concen: 82.15 ng
RT: 9.86 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF078312.D
Acq: 7 Apr 2015 21:56

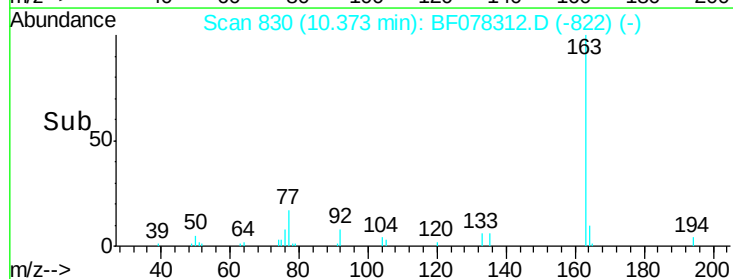
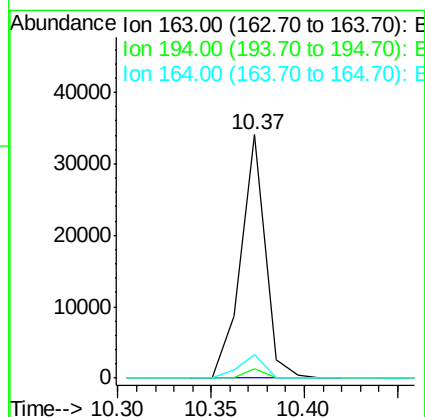
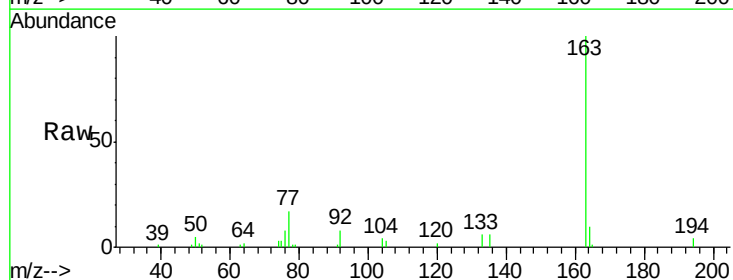
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SB-16(11-12)

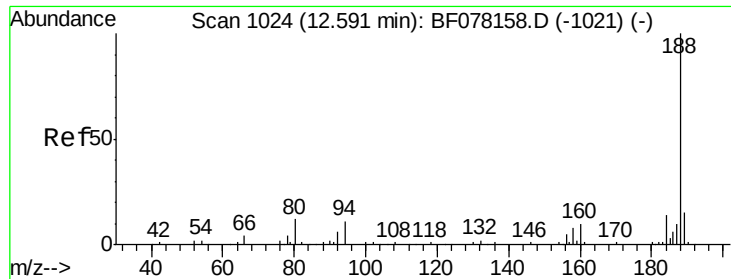
Tot Ion:172 Resp: 406814
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.6 18.5 27.7



#49
Dimethylphthalate
Concen: 5.89 ng
RT: 10.37 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF078312.D
Acq: 7 Apr 2015 21:56

Tgt Ion:163 Resp: 31333
Ion Ratio Lower Upper
163 100
194 3.7 2.3 3.5#
164 9.5 8.6 13.0

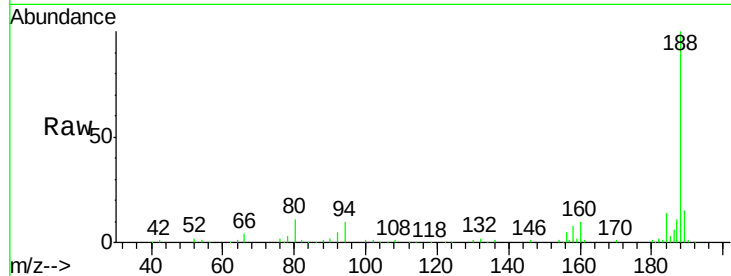




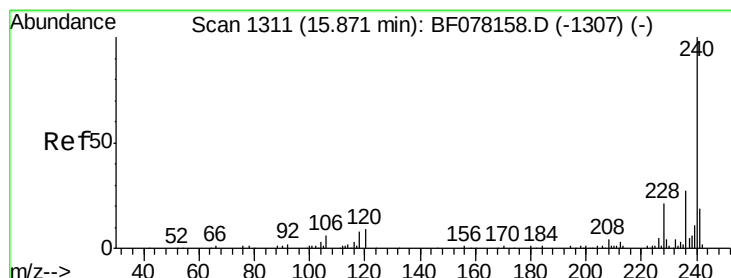
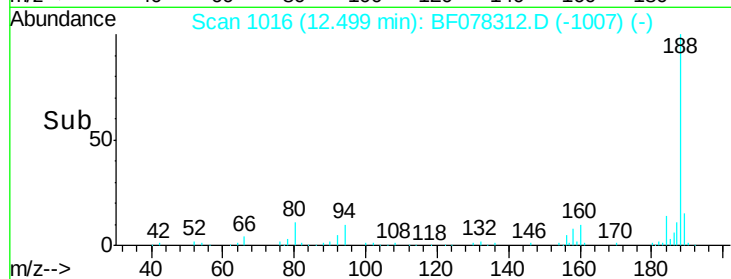
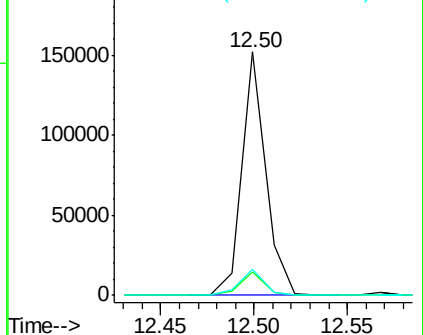
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF078312.D
Acq: 7 Apr 2015 21:56

Instrument :
BNA_F
ClientSampleId :
SB-16(11-12)

Tot Ion:188 Resp: 136369
Ion Ratio Lower Upper
188 100
94 9.7 9.0 13.4
80 10.9 9.5 14.3

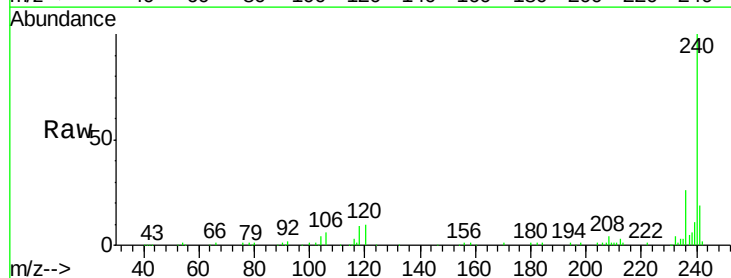


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

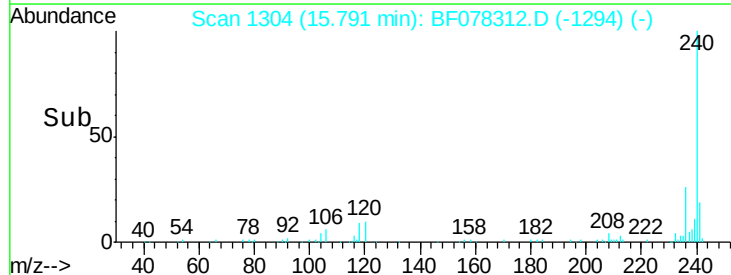
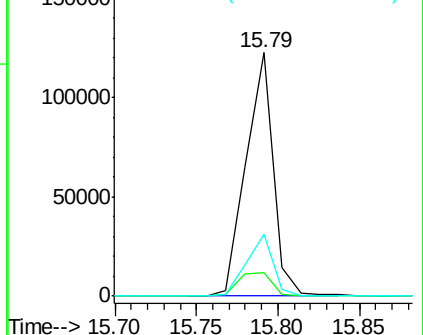


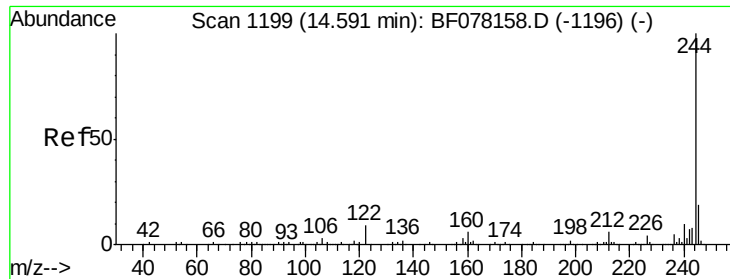
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.79 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF078312.D
Acq: 7 Apr 2015 21:56

Tgt Ion:240 Resp: 141978
Ion Ratio Lower Upper
240 100
120 9.8 7.1 10.7
236 25.5 21.4 32.2



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

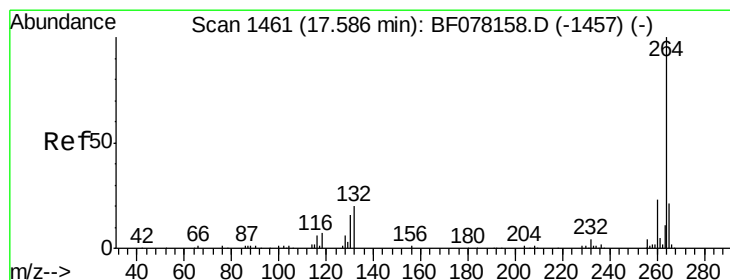
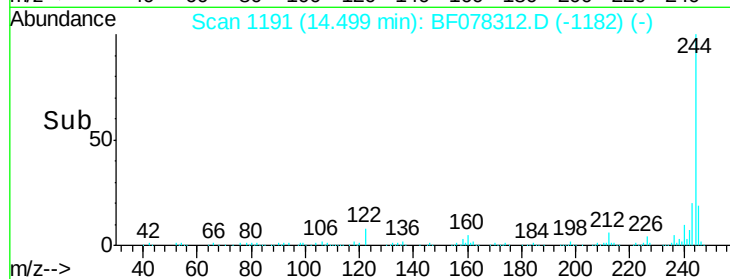
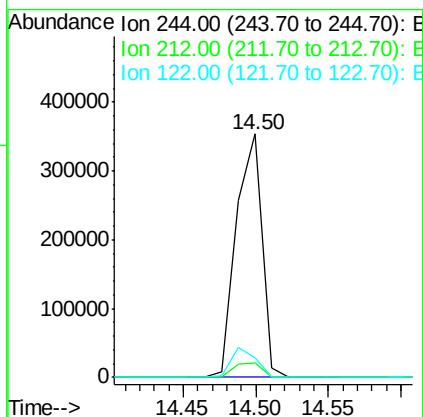
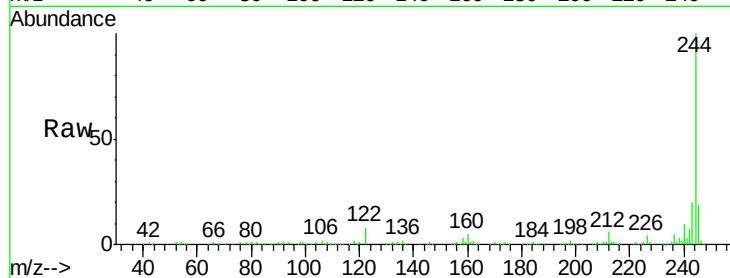




#78
 Terphenyl-d14
 Concen: 69.24 ng
 RT: 14.50 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF078312.D
 Acq: 7 Apr 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-16(11-12)

Tot Ion:244 Resp: 435015
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.0 7.4
 122 7.9 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.60 min Scan# 1462
 Delta R.T. 0.03 min
 Lab File: BF078312.D
 Acq: 7 Apr 2015 21:56

Tgt Ion:264 Resp: 133524
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 20.8 17.0 25.6

