

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
 Data File : BF079231.D
 Acq On : 14 May 2015 10:07
 Operator : TP/IZ
 Sample : G2177-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-19(0-20)

Quant Time: May 14 15:38:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 15:23:47 2015
 Response via : Initial Calibration

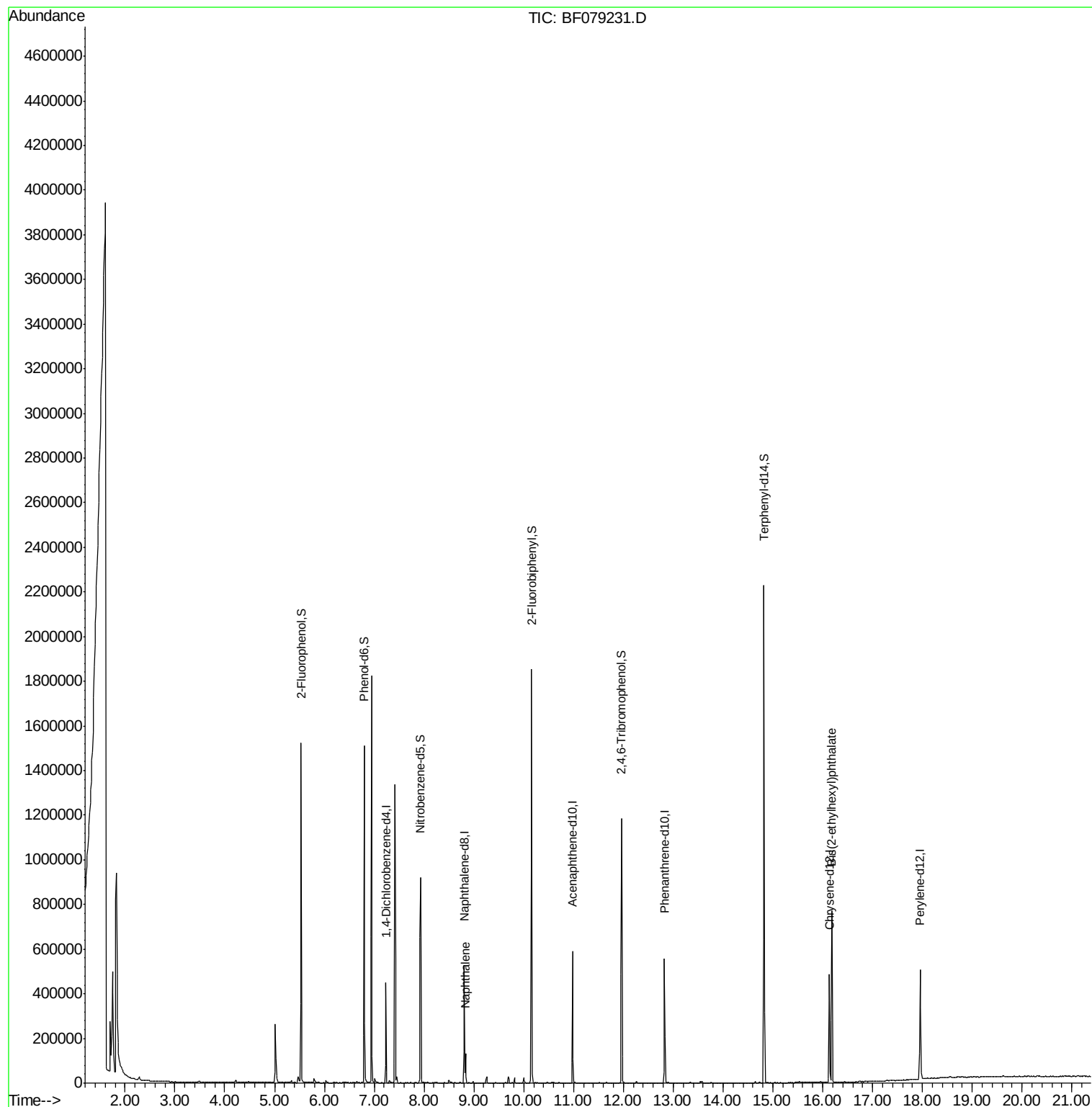
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	68037	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	245803	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	120802	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	228545	20.00	ng	-0.01
75) Chrysene-d12	16.14	240	235087	20.00	ng	0.01
86) Perylene-d12	17.95	264	251496	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	454689	115.04	ng	0.00
7) Phenol-d6	6.80	99	529771	101.40	ng	0.00
23) Nitrobenzene-d5	7.93	82	380605	88.99	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	169550	129.74	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	694733	80.12	ng	0.00
78) Terphenyl-d14	14.82	244	786386	80.09	ng	0.00
Target Compounds						
31) Naphthalene	8.83	128	59102	5.05	ng	98
83) Bis(2-ethylhexyl)phthalate	16.18	149	251115	28.00	ng	98

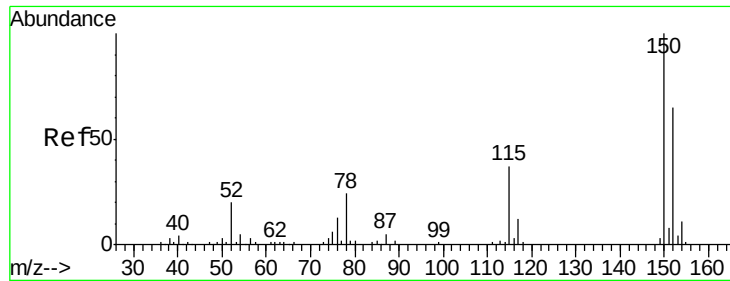
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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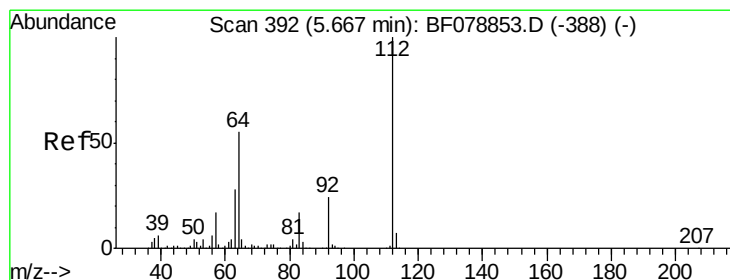
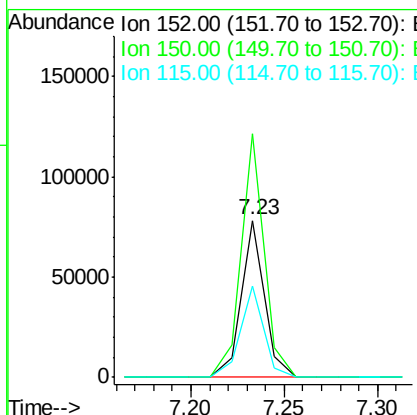
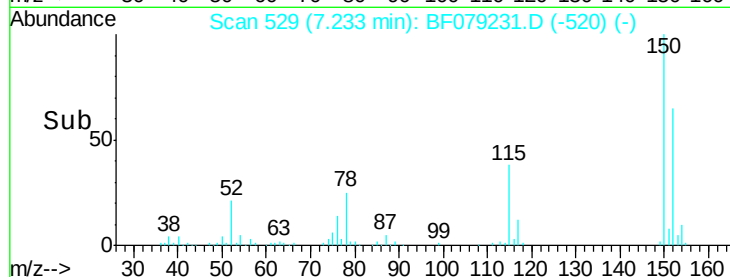
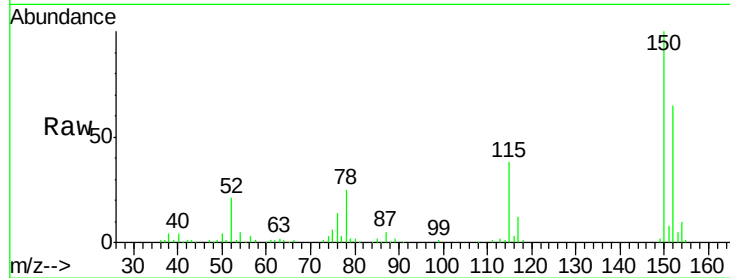




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF079231.D
 Acq: 14 May 2015 10:07

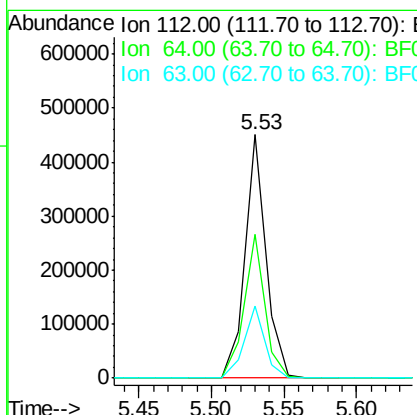
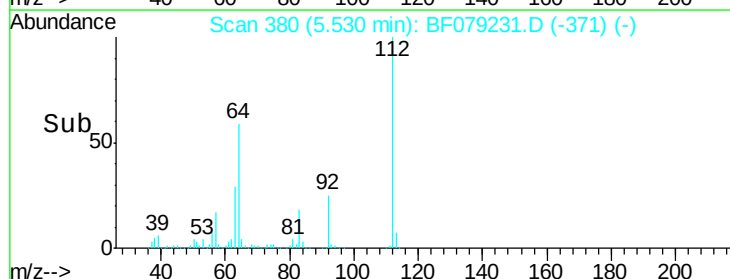
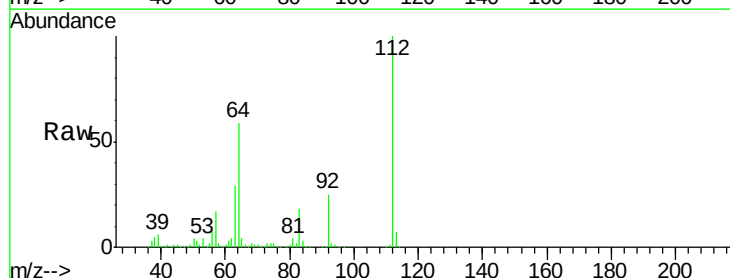
Instrument :
 BNA_F
 ClientSampleId :
 PS-19(0-20)

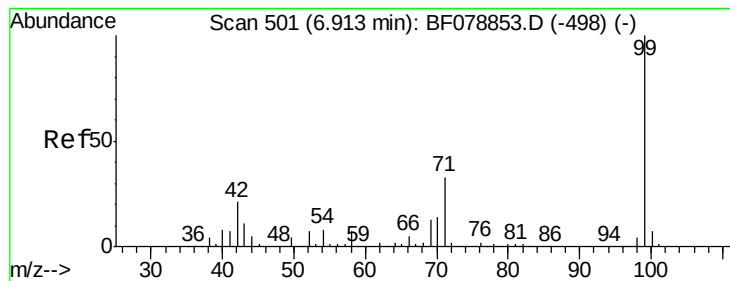
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.0	183.0
115	58.2	46.3	69.5



#5
 2-Fluorophenol
 Concen: 115.04 ng
 RT: 5.53 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: BF079231.D
 Acq: 14 May 2015 10:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	53.5	80.3
63	29.4	27.5	41.3





#7

Phenol-d6

Concen: 101.40 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079231.D

Acq: 14 May 2015 10:07

Instrument :

BNA_F

ClientSampleId :

PS-19(0-20)

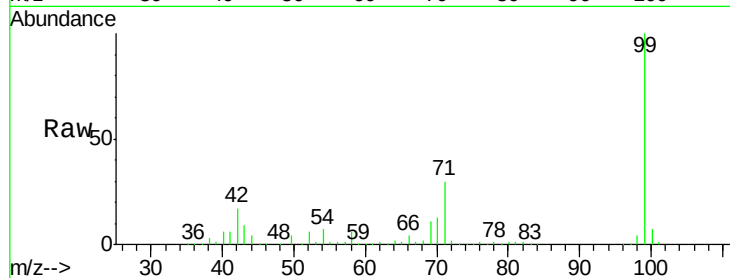
Tot Ion: 99 Resp: 529771

Ion Ratio Lower Upper

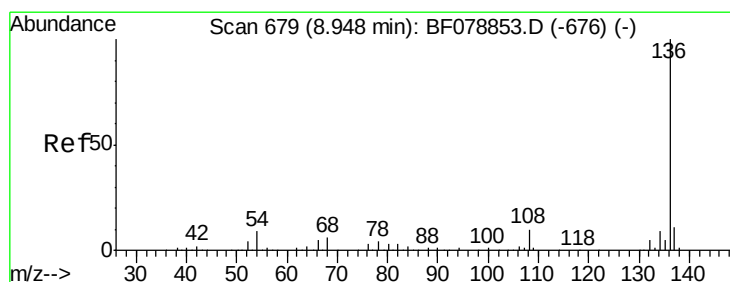
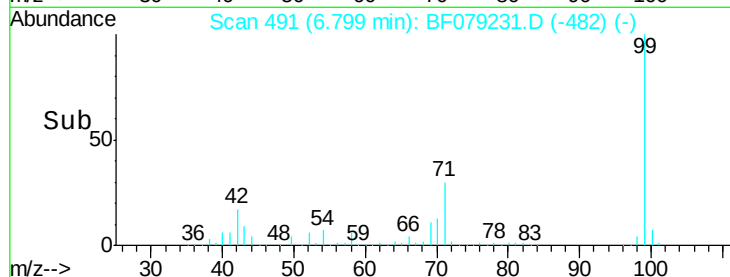
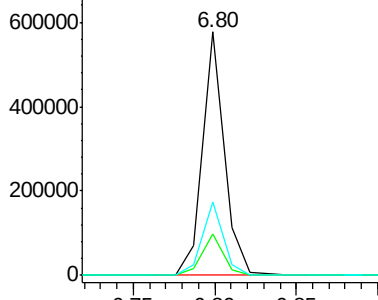
99 100

42 17.2 12.8 19.2

71 30.4 23.4 35.2



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: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079231.D

Acq: 14 May 2015 10:07

Tgt Ion: 136 Resp: 245803

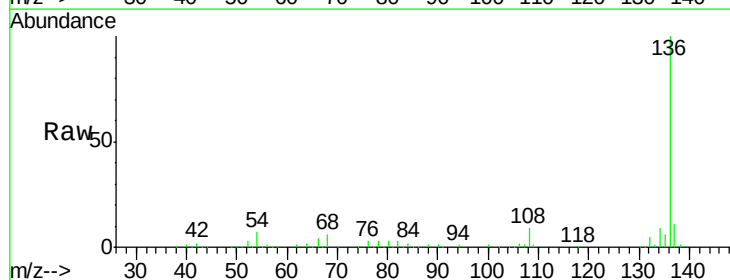
Ion Ratio Lower Upper

136 100

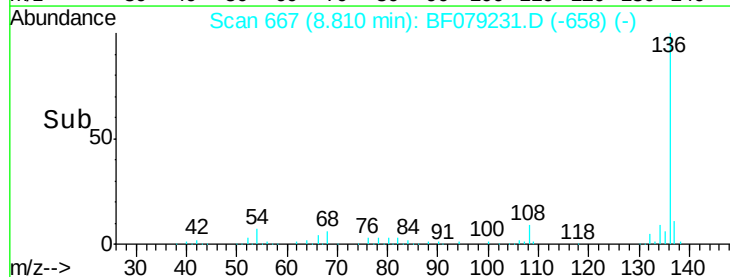
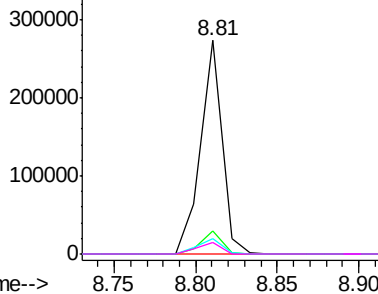
137 10.8 8.7 13.1

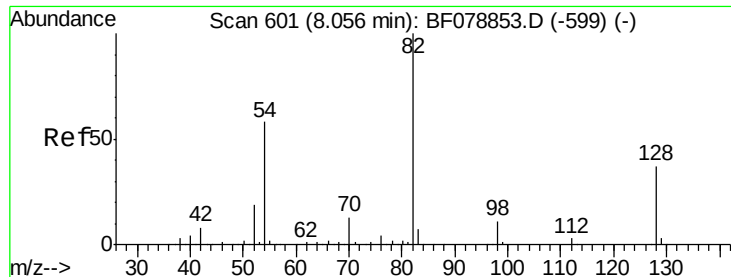
54 7.1 5.8 8.8

68 5.6 4.2 6.4



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): BF0
Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 88.99 ng

RT: 7.93 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF079231.D

Acq: 14 May 2015 10:07

Instrument :

BNA_F

ClientSampleId :

PS-19(0-20)

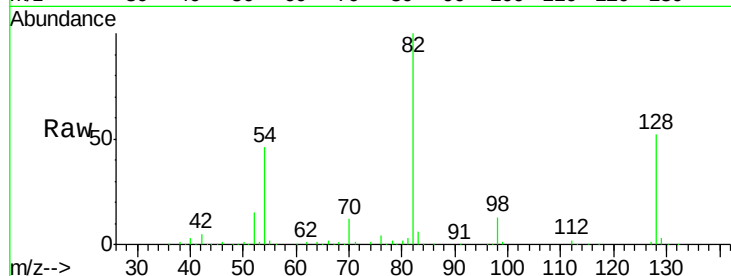
Tot Ion: 82 Resp: 380605

Ion Ratio Lower Upper

82 100

128 52.4 30.0 45.0#

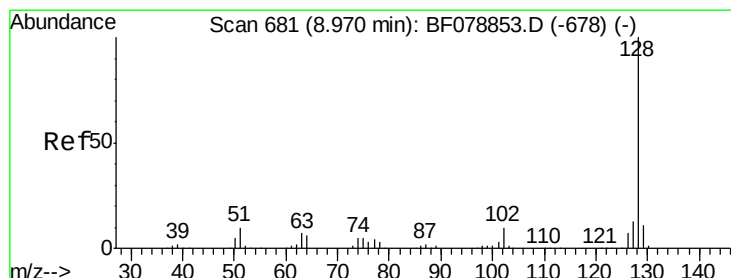
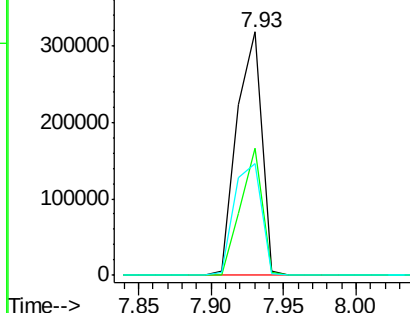
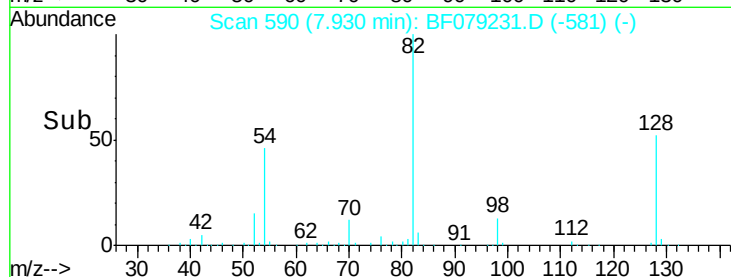
54 45.7 46.4 69.6#



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



#31

Naphthalene

Concen: 5.05 ng

RT: 8.83 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF079231.D

Acq: 14 May 2015 10:07

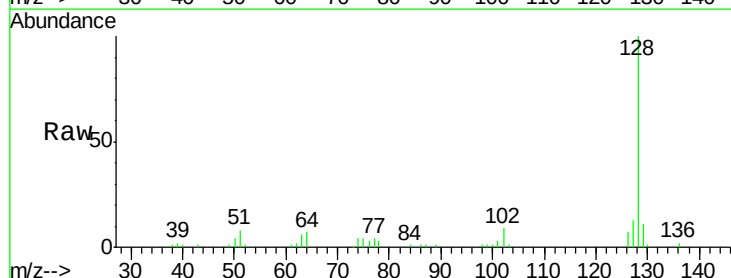
Tgt Ion:128 Resp: 59102

Ion Ratio Lower Upper

128 100

129 10.9 9.3 13.9

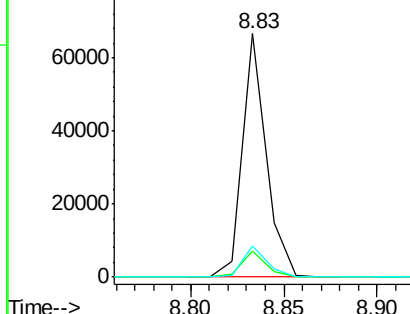
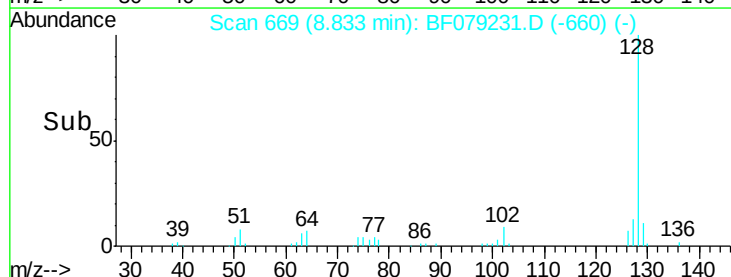
127 12.7 10.7 16.1

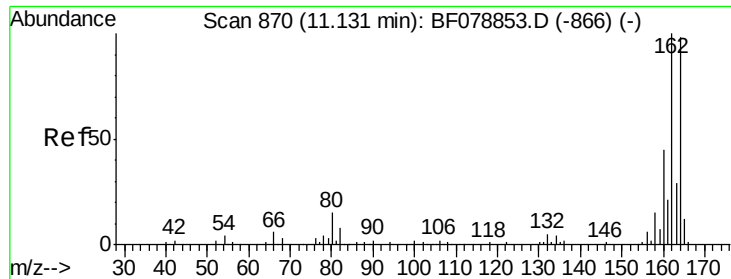


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

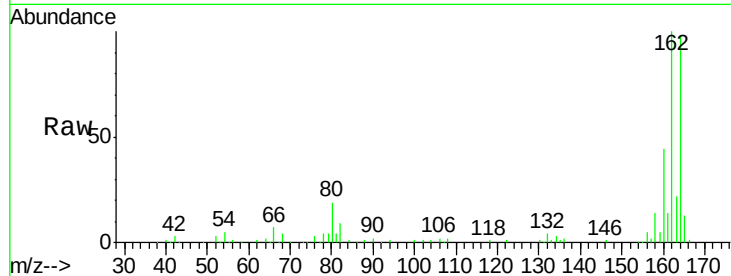




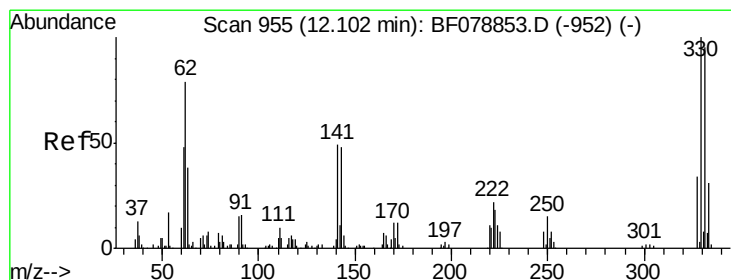
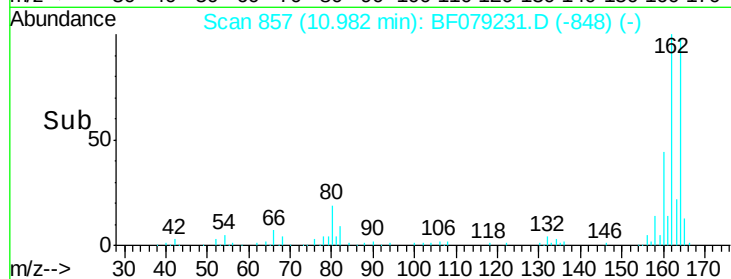
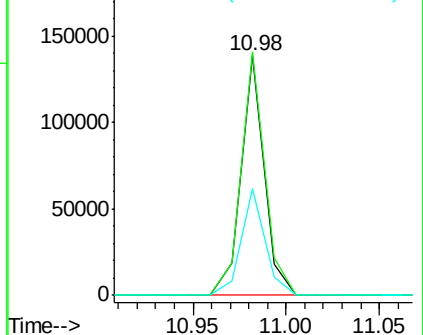
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF079231.D
 Acq: 14 May 2015 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PS-19(0-20)

Tot Ion:164 Resp: 120802
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.7 124.1
 160 44.5 35.8 53.8

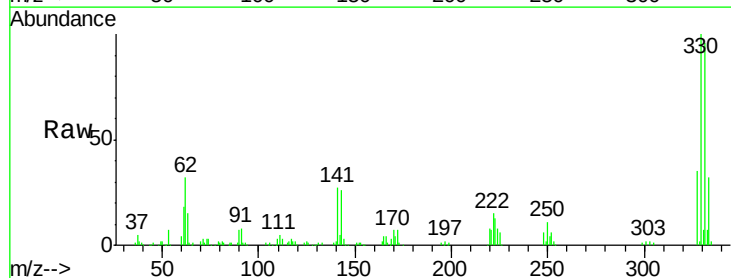


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

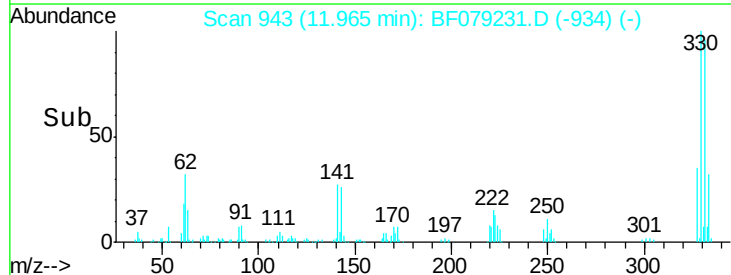
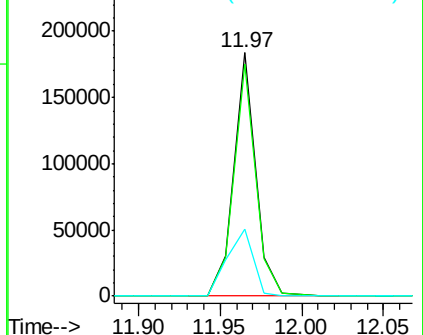


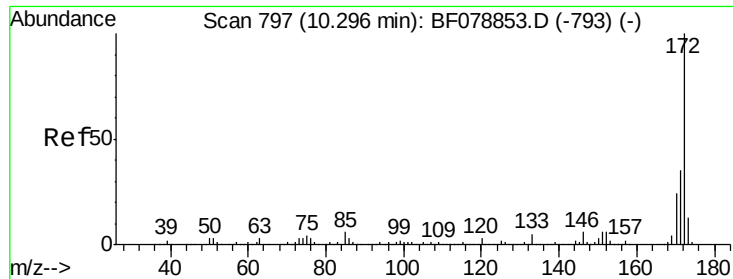
#41
 2,4,6-Tribromophenol
 Concen: 129.74 ng
 RT: 11.97 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF079231.D
 Acq: 14 May 2015 10:07

Tgt Ion:330 Resp: 169550
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 32.8 0.0 0.0#



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

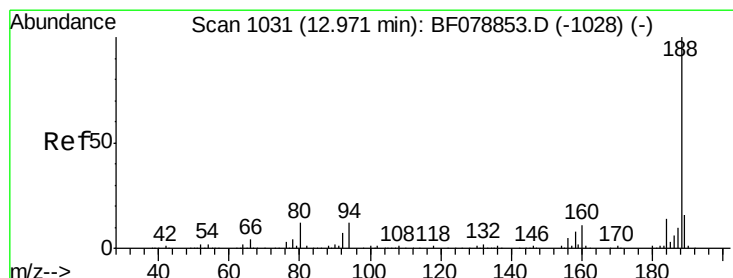
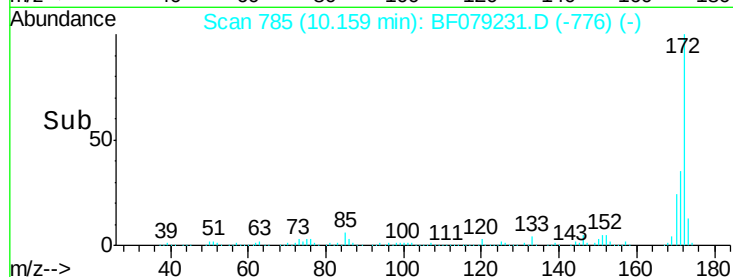
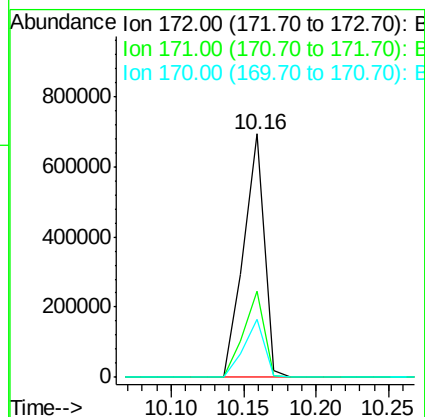
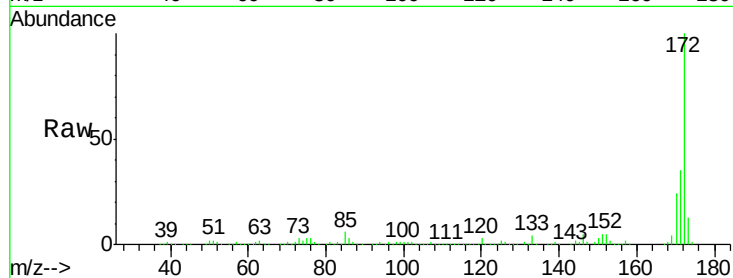




#44
 2-Fluorobiphenyl
 Concen: 80.12 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079231.D
 Acq: 14 May 2015 10:07

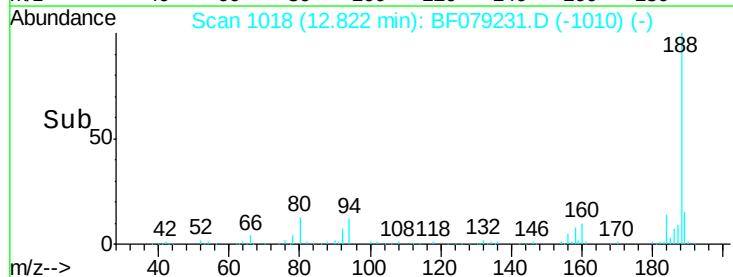
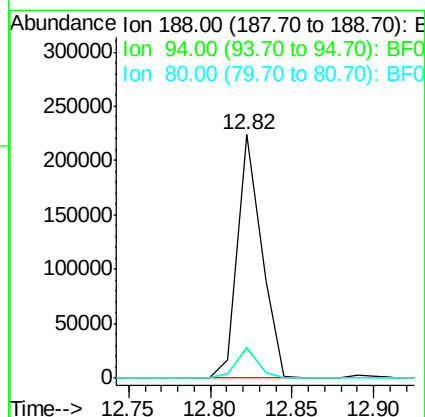
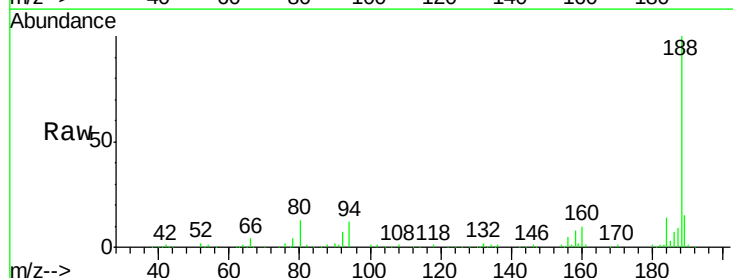
Instrument :
 BNA_F
 ClientSampleId :
 PS-19(0-20)

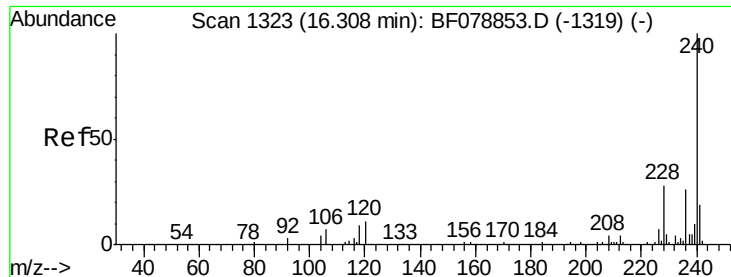
Tot Ion:172 Resp: 694733
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.9 41.9
 170 23.9 19.4 29.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.82 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF079231.D
 Acq: 14 May 2015 10:07

Tgt Ion:188 Resp: 228545
 Ion Ratio Lower Upper
 188 100
 94 12.1 8.2 12.2
 80 12.7 8.9 13.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.14 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF079231.D

Acq: 14 May 2015 10:07

Instrument :

BNA_F

ClientSampleId :

PS-19(0-20)

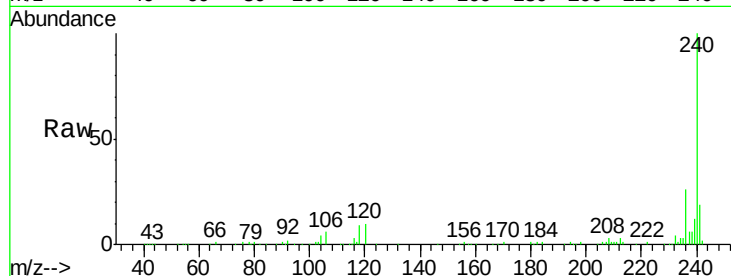
Tot Ion:240 Resp: 235087

Ion Ratio Lower Upper

240 100

120 10.1 9.7 14.5

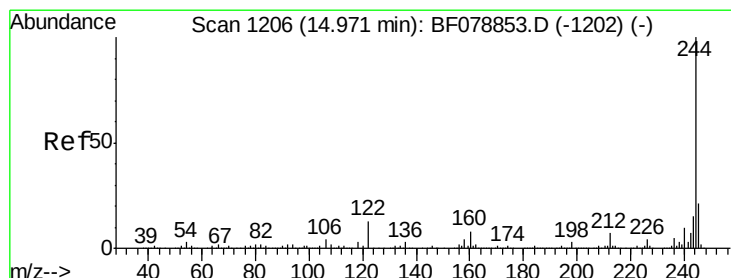
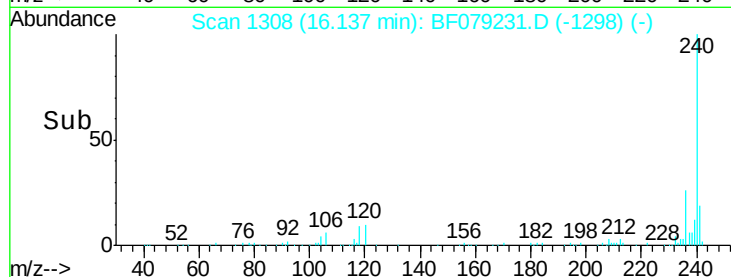
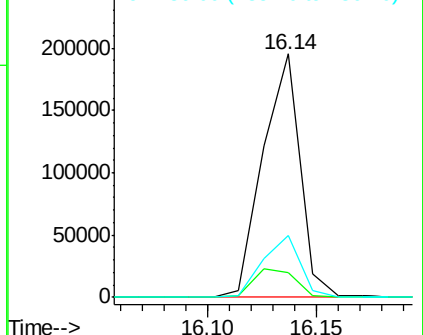
236 25.5 20.2 30.4



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: 80.09 ng

RT: 14.82 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF079231.D

Acq: 14 May 2015 10:07

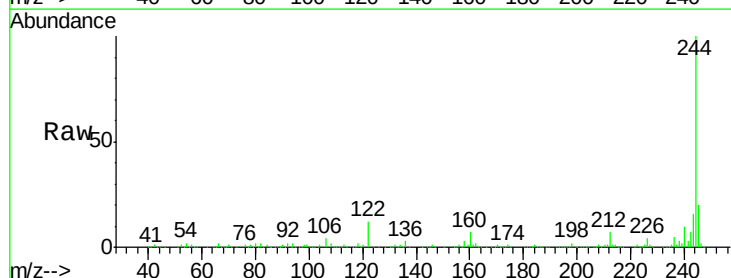
Tgt Ion:244 Resp: 786386

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

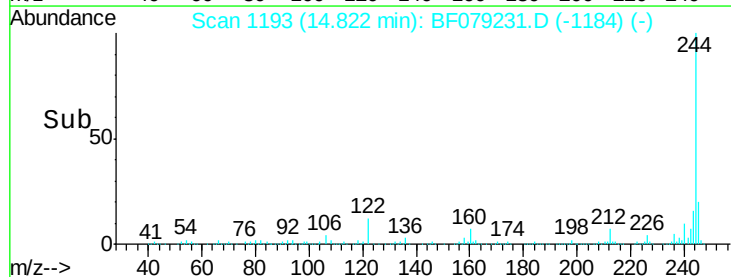
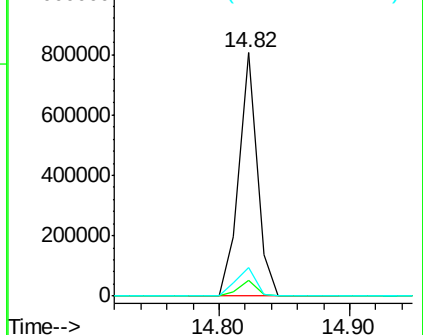
122 11.9 10.3 15.5

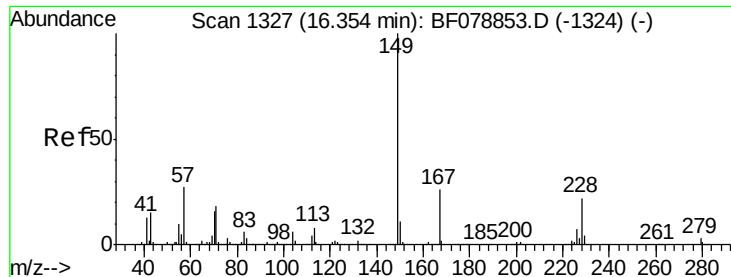


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

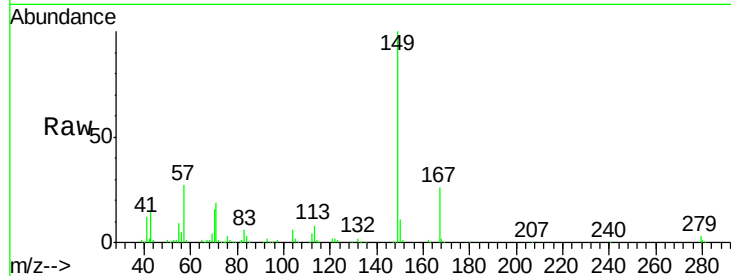




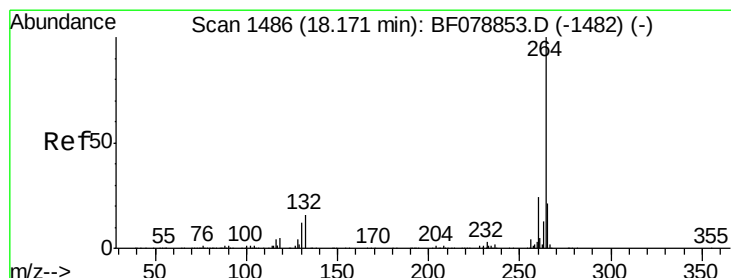
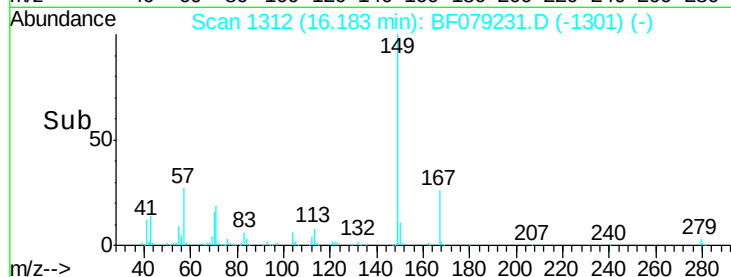
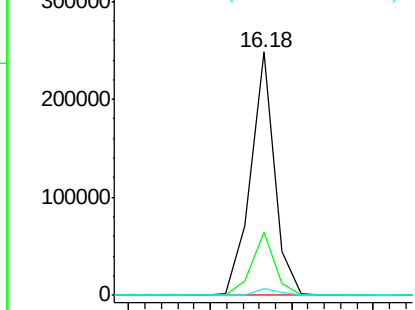
#83
Bis(2-ethylhexyl)phthalate
Concen: 28.00 ng
RT: 16.18 min Scan# 1312
Delta R.T. 0.02 min
Lab File: BF079231.D
Acq: 14 May 2015 10:07

Instrument :
BNA_F
ClientSampleId :
PS-19(0-20)

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.8	32.8
279	3.0	2.9	4.3

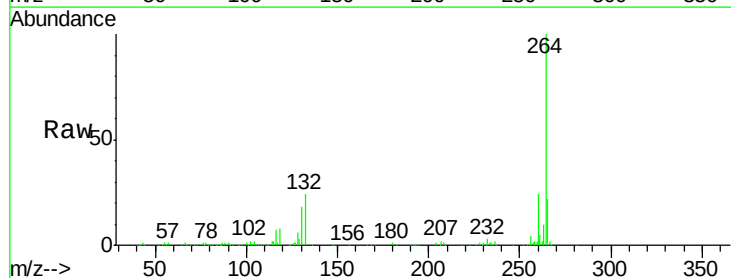


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.95 min Scan# 1467
Delta R.T. 0.10 min
Lab File: BF079231.D
Acq: 14 May 2015 10:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.8	18.3	27.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

