

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
 Data File : BF079689.D
 Acq On : 4 Jun 2015 5:55
 Operator : TP/IZ
 Sample : G2420-24
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.12(5)

Quant Time: Jun 04 07:22:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 06:38:30 2015
 Response via : Initial Calibration

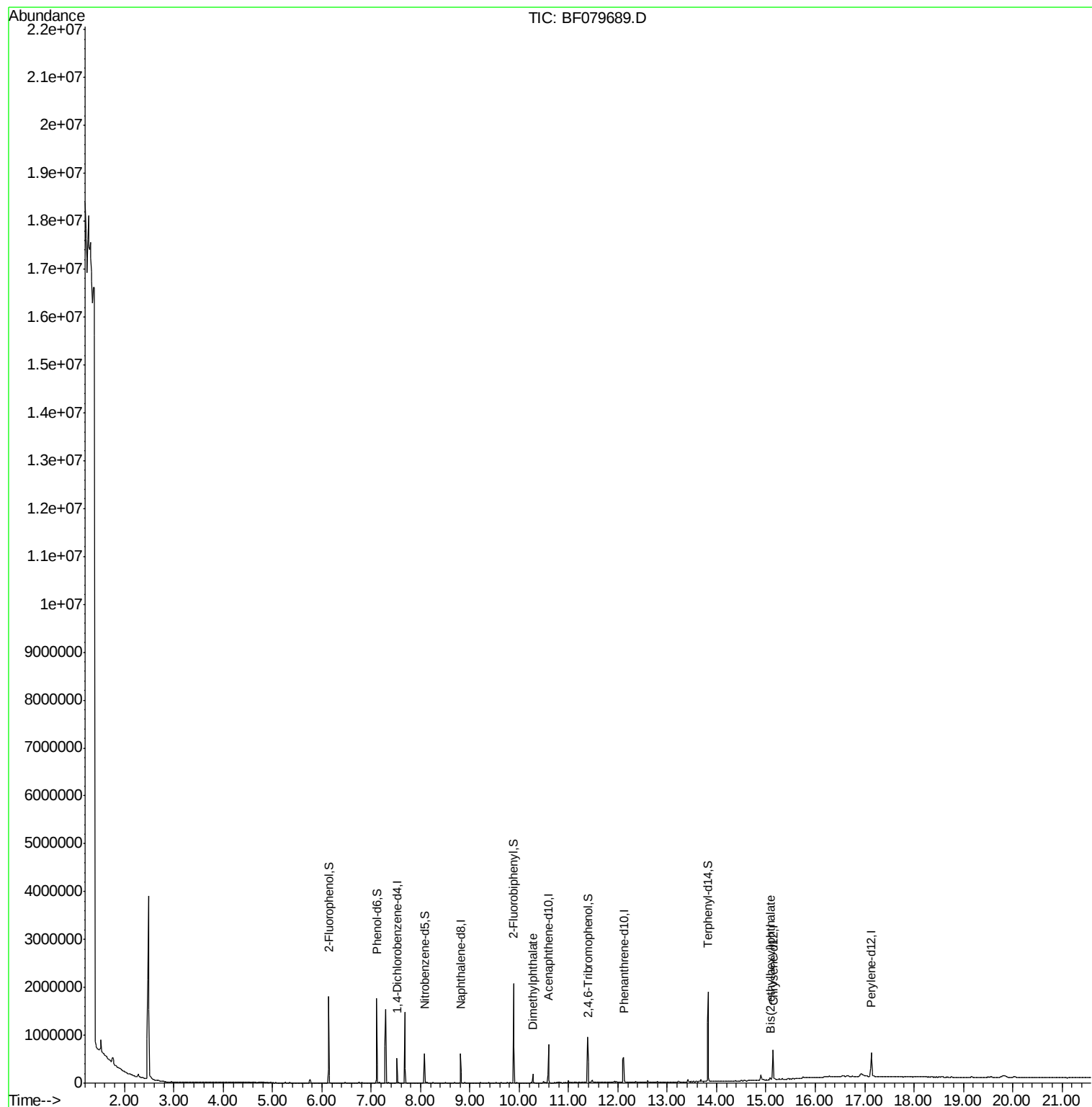
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	74868	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	284525	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	152210	20.00	ng	0.00
63) Phenanthrene-d10	12.11	188	285509	20.00	ng	0.01
75) Chrysene-d12	15.14	240	311261	20.00	ng	0.10
86) Perylene-d12	17.13	264	301600	20.00	ng	0.15
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	432754	104.79	ng	0.01
7) Phenol-d6	7.11	99	544568	100.78	ng	0.00
23) Nitrobenzene-d5	8.08	82	277083	58.85	ng	0.01
41) 2,4,6-Tribromophenol	11.39	330	117099	93.21	ng	0.01
44) 2-Fluorobiphenyl	9.88	172	680503	66.24	ng	0.00
78) Terphenyl-d14	13.83	244	789896	63.16	ng	0.06
Target Compounds						
49) Dimethylphthalate	10.27	163	68713	6.16	ng	98
83) Bis(2-ethylhexyl)phthalate	15.09	149	12615	4.37	ng	97

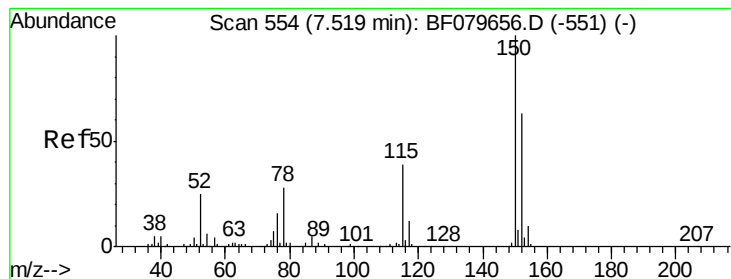
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF079689.D

Acq: 4 Jun 2015 5:55

Instrument :

BNA_F

ClientSampleId :

PENRD8.12(5)

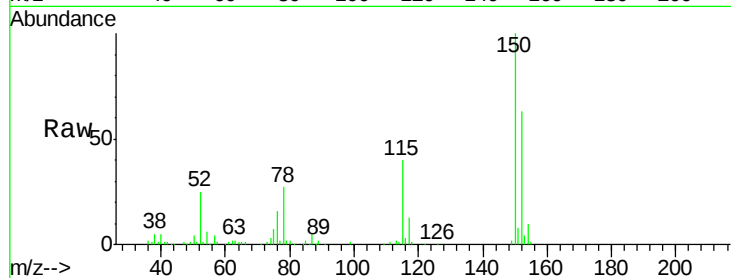
Tot Ion:152 Resp: 74868

Ion Ratio Lower Upper

152 100

150 158.5 126.7 190.1

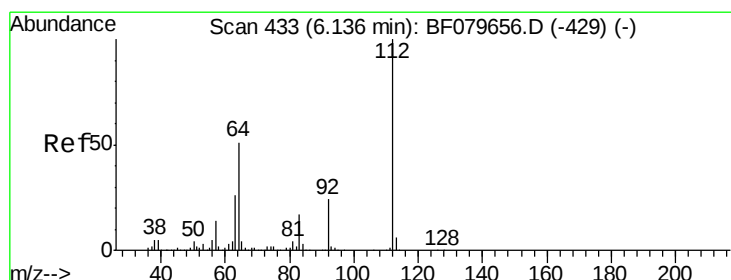
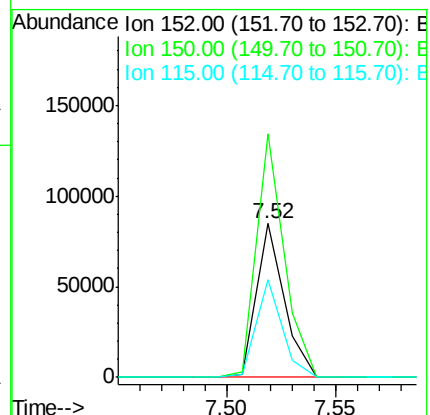
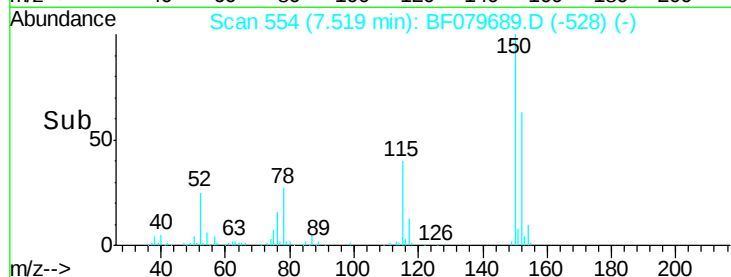
115 64.0 49.2 73.8



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: 104.79 ng

RT: 6.14 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF079689.D

Acq: 4 Jun 2015 5:55

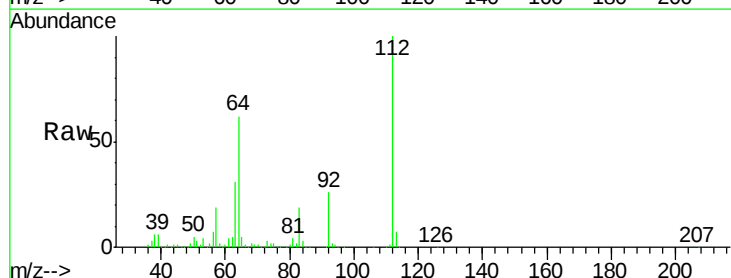
Tgt Ion:112 Resp: 432754

Ion Ratio Lower Upper

112 100

64 61.9 41.1 61.7#

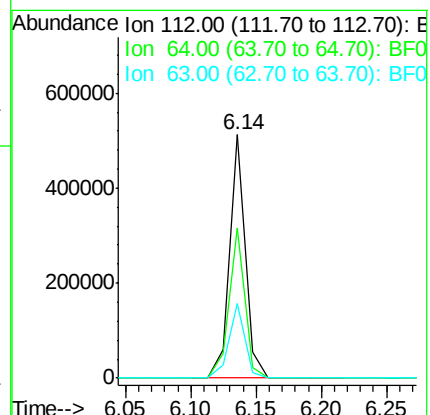
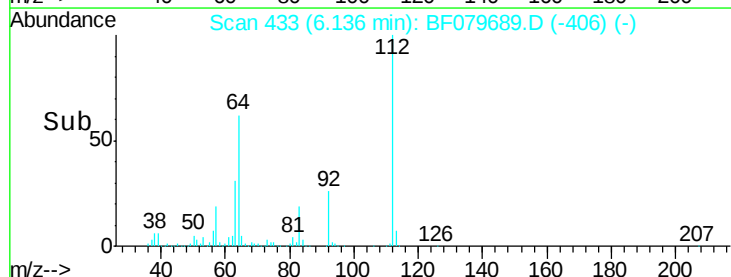
63 30.7 20.5 30.7#



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: 100.78 ng

RT: 7.11 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF079689.D

Acq: 4 Jun 2015 5:55

Instrument :

BNA_F

ClientSampleId :

PENRD8.12(5)

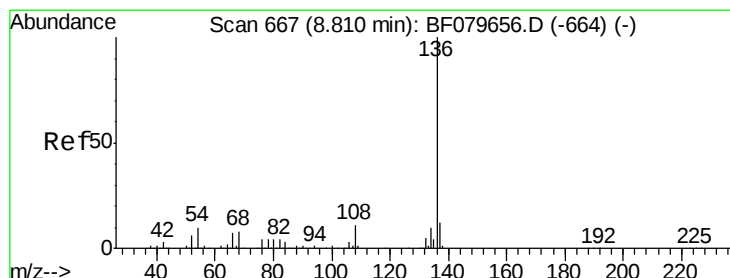
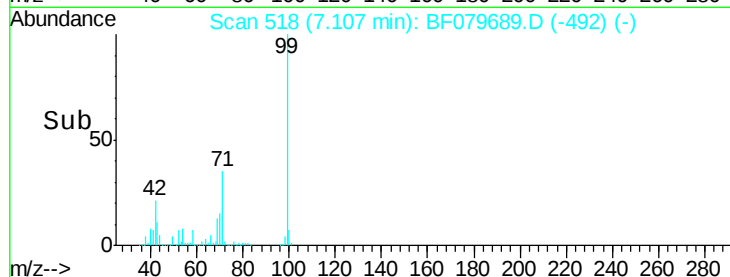
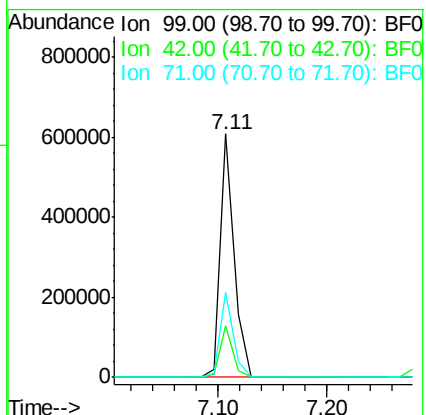
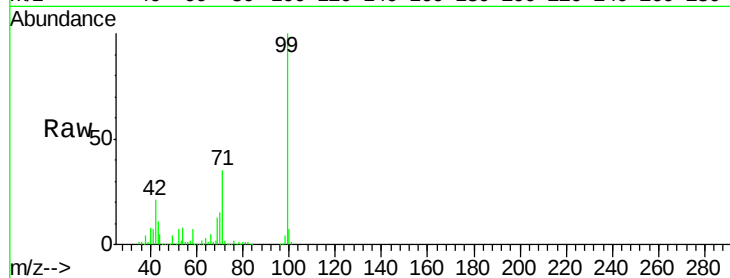
Tot Ion: 99 Resp: 544568

Ion Ratio Lower Upper

99 100

42 21.1 15.2 22.8

71 35.1 25.9 38.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.81 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF079689.D

Acq: 4 Jun 2015 5:55

Tgt Ion: 136 Resp: 284525

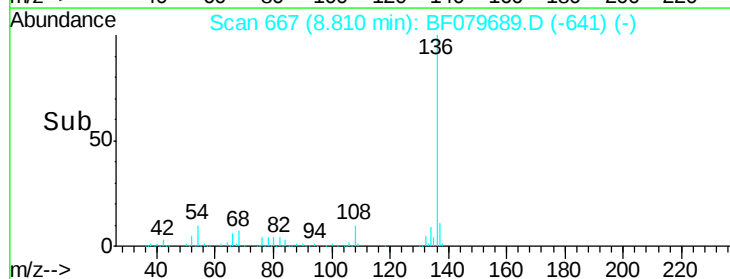
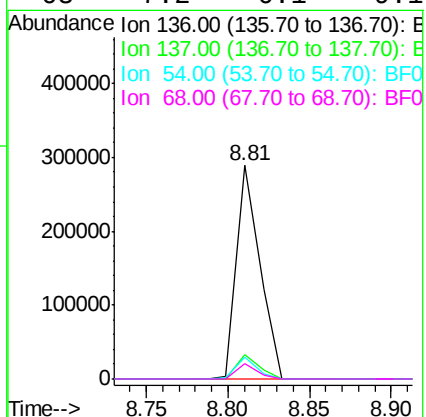
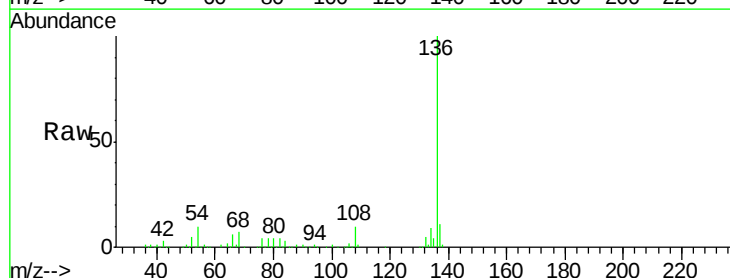
Ion Ratio Lower Upper

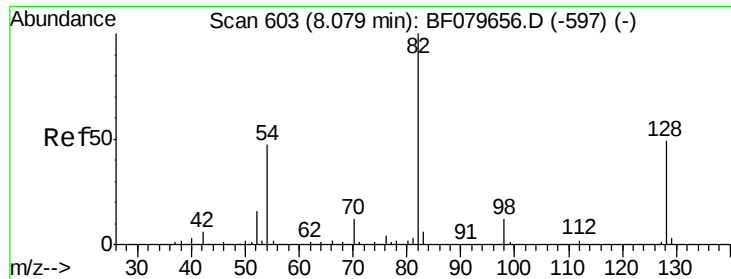
136 100

137 11.3 9.3 13.9

54 10.2 8.3 12.5

68 7.2 6.1 9.1

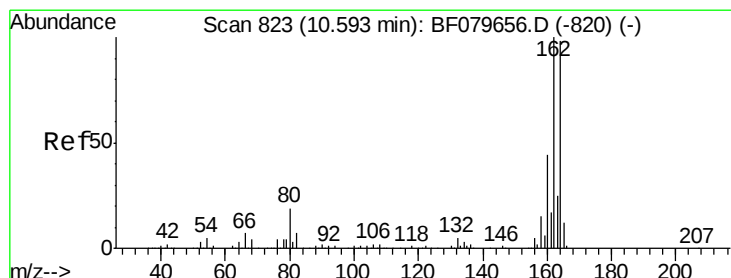
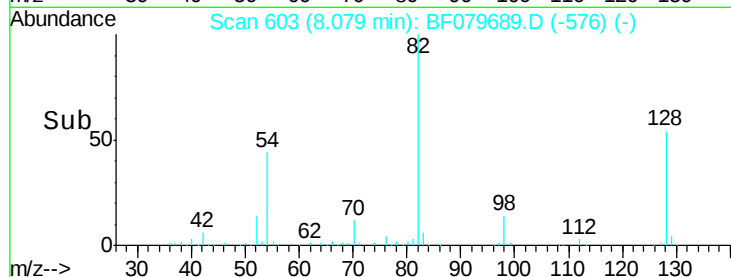
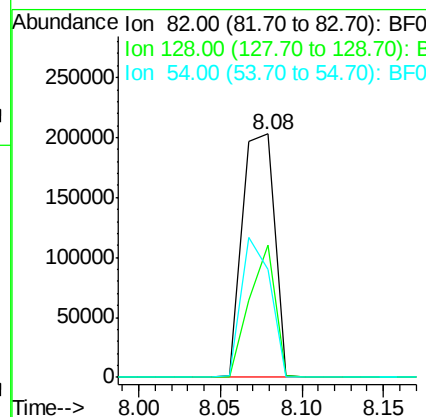
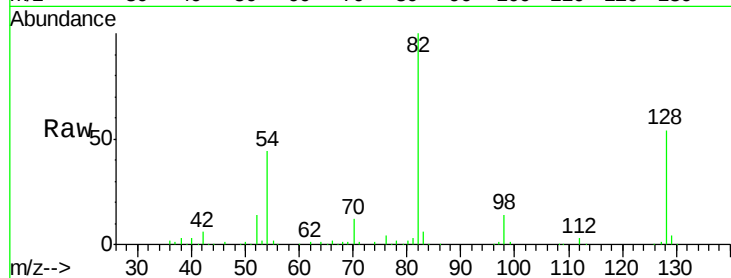




#23
 Nitrobenzene-d5
 Concen: 58.85 ng
 RT: 8.08 min Scan# 603
 Delta R.T. 0.01 min
 Lab File: BF079689.D
 Acq: 4 Jun 2015 5:55

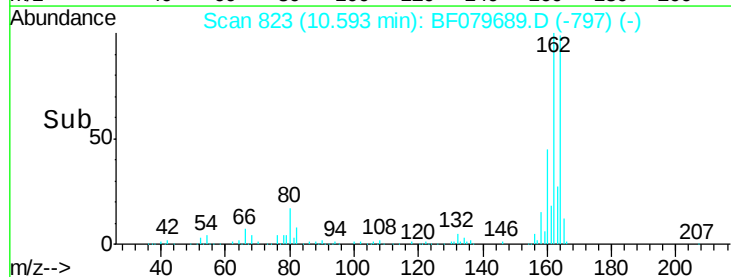
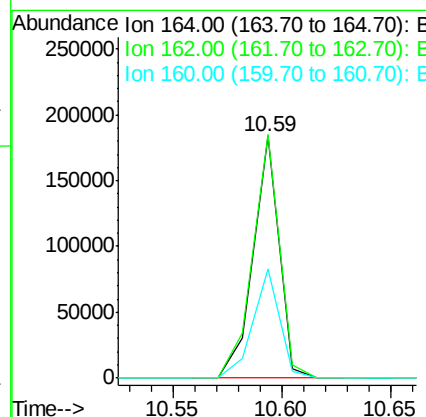
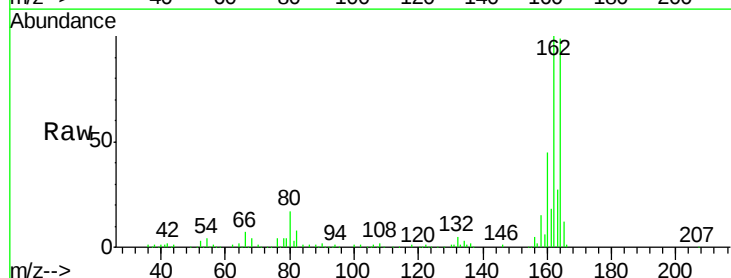
Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.12(5)

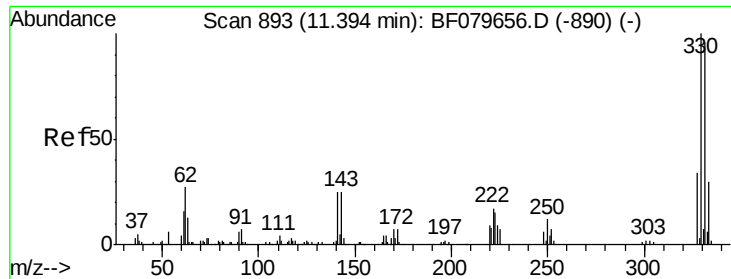
Tot Ion: 82 Resp: 277083
 Ion Ratio Lower Upper
 82 100
 128 54.1 39.4 59.0
 54 44.5 37.4 56.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF079689.D
 Acq: 4 Jun 2015 5:55

Tgt Ion: 164 Resp: 152210
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.0 123.0
 160 45.3 35.9 53.9

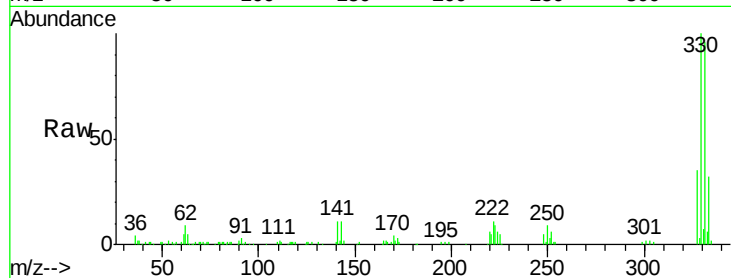




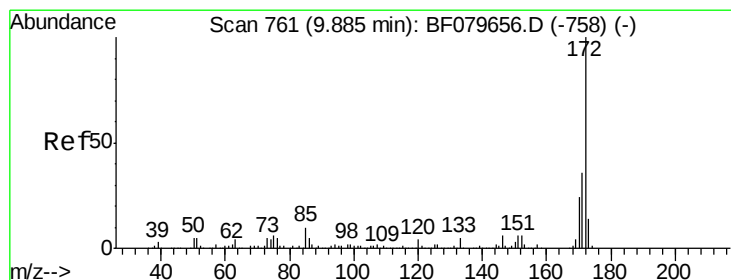
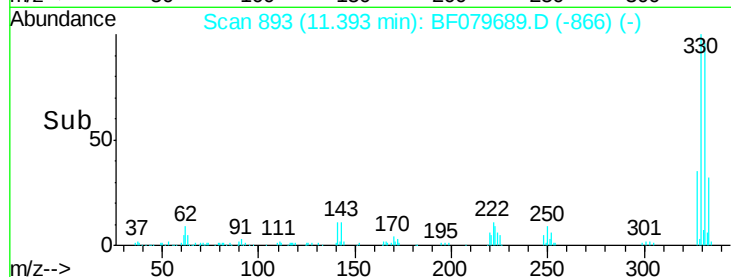
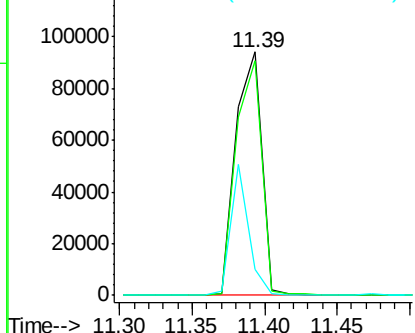
#41
 2,4,6-Tribromophenol
 Concen: 93.21 ng
 RT: 11.39 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: BF079689.D
 Acq: 4 Jun 2015 5:55

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.12(5)

Tot Ion:330 Resp: 117099
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.3 115.9
 141 37.0 27.4 41.2

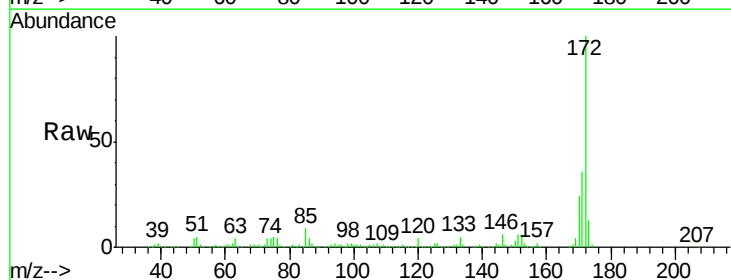


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

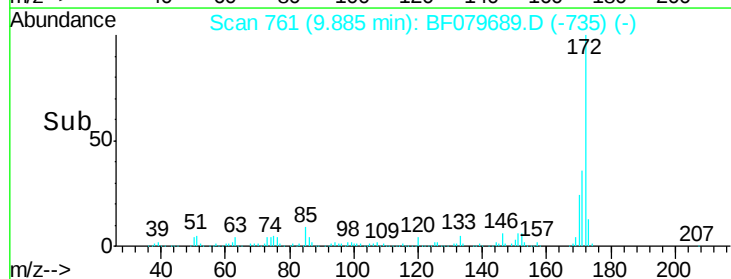
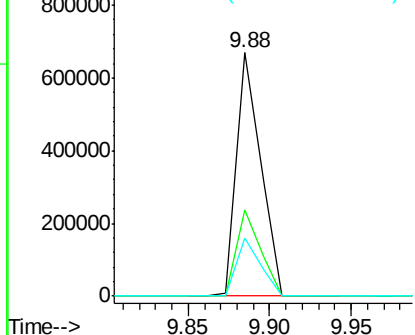


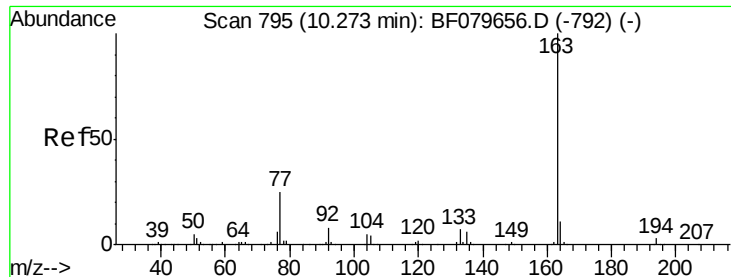
#44
 2-Fluorobiphenyl
 Concen: 66.24 ng
 RT: 9.88 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF079689.D
 Acq: 4 Jun 2015 5:55

Tgt Ion:172 Resp: 680503
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.8 43.2
 170 24.0 19.2 28.8



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

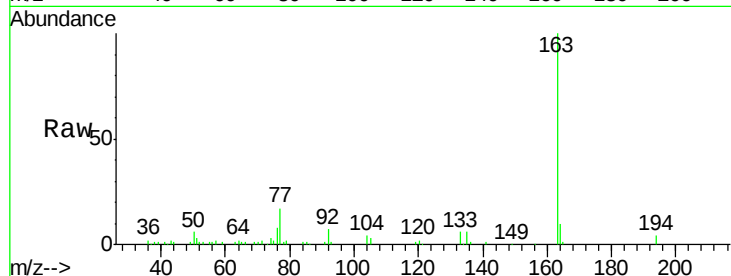




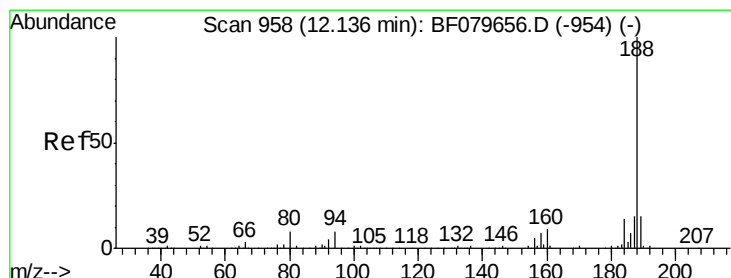
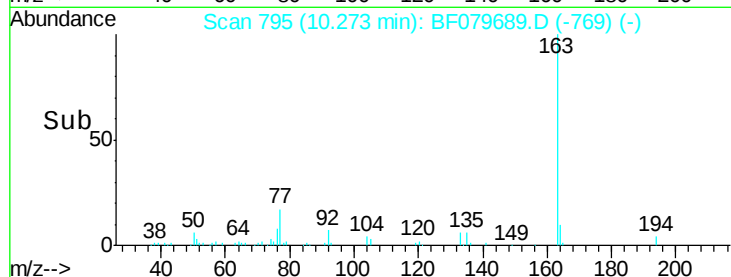
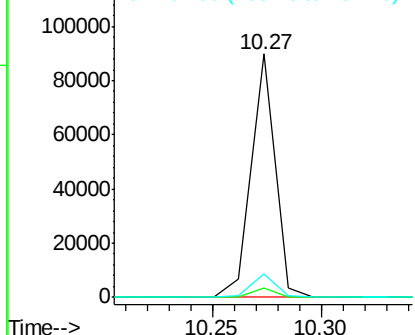
#49
Dimethylphthalate
Concen: 6.16 ng
RT: 10.27 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF079689.D
Acq: 4 Jun 2015 5:55

Instrument :
BNA_F
ClientSampleId :
PENRD8.12(5)

Tot Ion:163 Resp: 68713
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 9.9 8.6 12.8

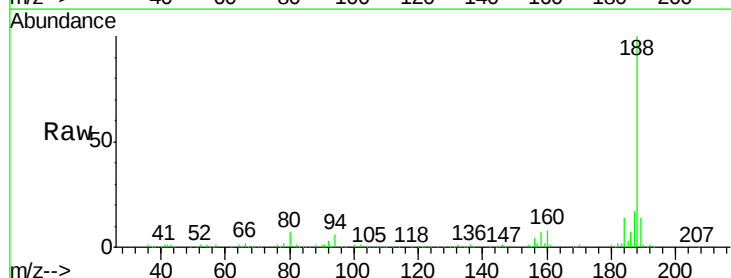


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

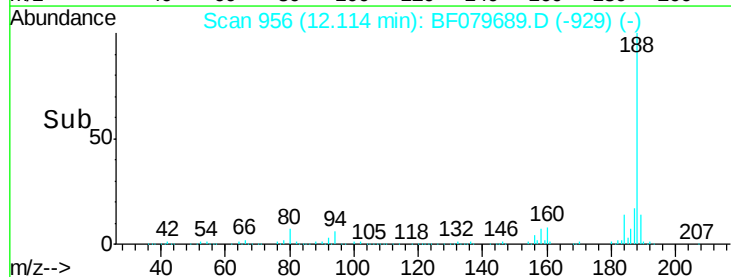
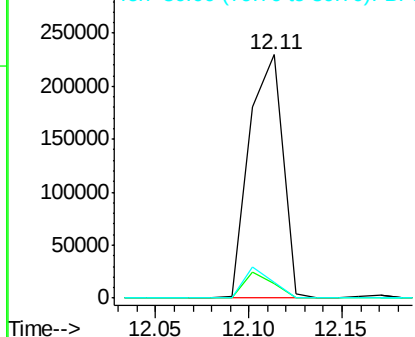


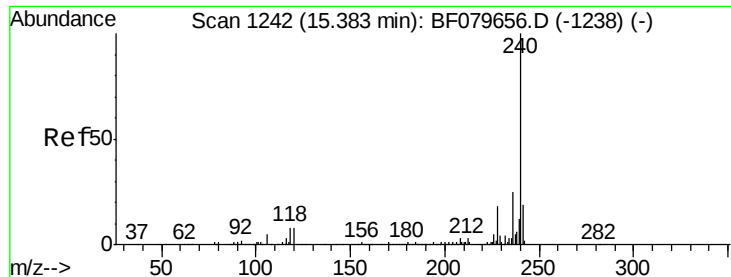
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.11 min Scan# 956
Delta R.T. 0.01 min
Lab File: BF079689.D
Acq: 4 Jun 2015 5:55

Tgt Ion:188 Resp: 285509
Ion Ratio Lower Upper
188 100
94 6.2 6.1 9.1
80 6.7 6.2 9.2



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: 15.14 min Scan# 1221

Delta R.T. 0.10 min

Lab File: BF079689.D

Acq: 4 Jun 2015 5:55

Instrument :

BNA_F

ClientSampleId :

PENRD8.12(5)

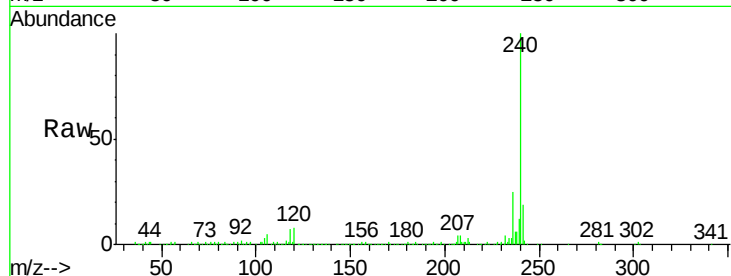
Tot Ion:240 Resp: 311261

Ion Ratio Lower Upper

240 100

120 7.7 6.4 9.6

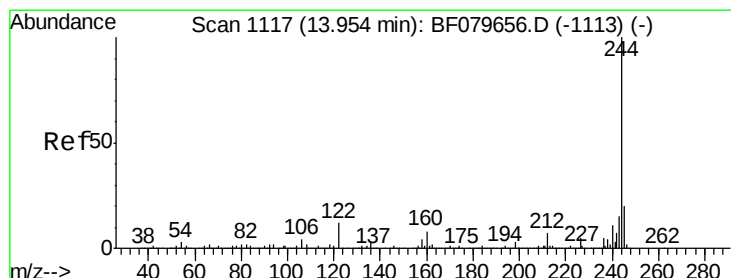
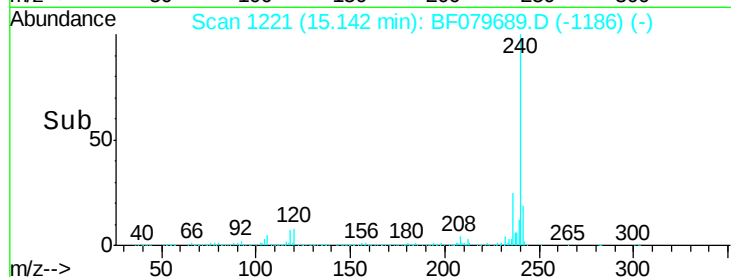
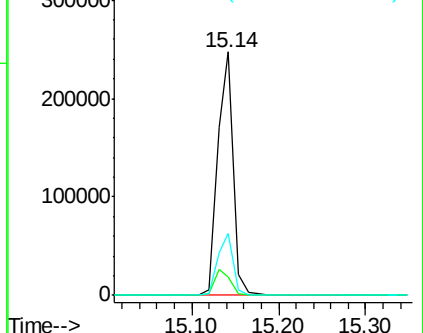
236 25.3 20.2 30.4



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: 63.16 ng

RT: 13.83 min Scan# 1106

Delta R.T. 0.06 min

Lab File: BF079689.D

Acq: 4 Jun 2015 5:55

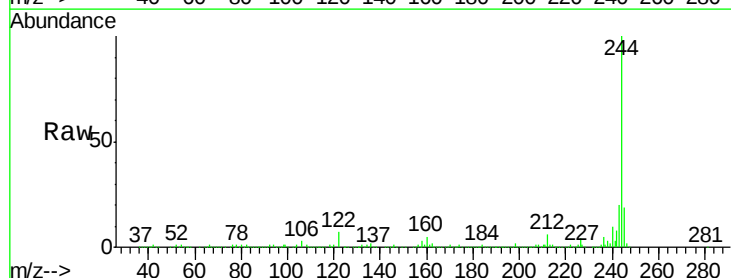
Tgt Ion:244 Resp: 789896

Ion Ratio Lower Upper

244 100

212 6.5 5.9 8.9

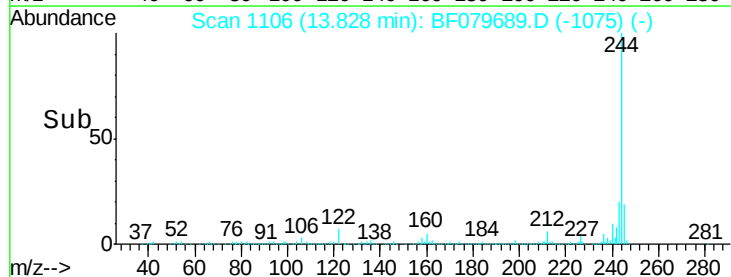
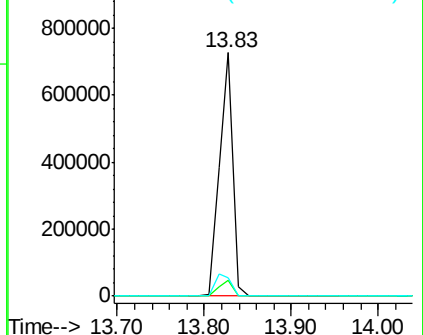
122 7.4 9.8 14.6#

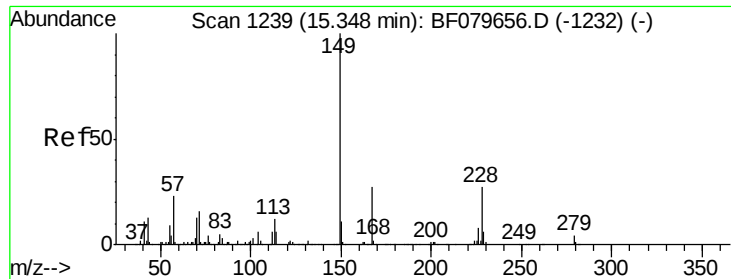


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

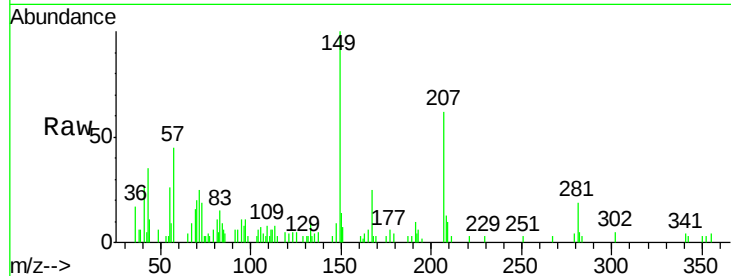




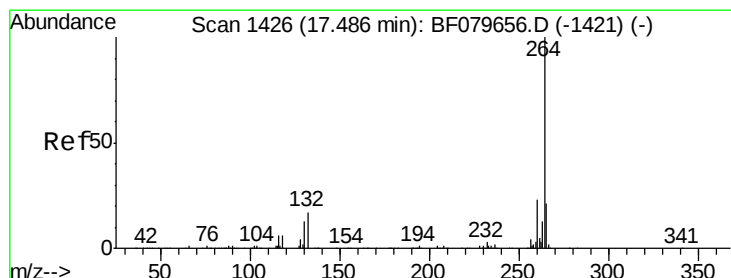
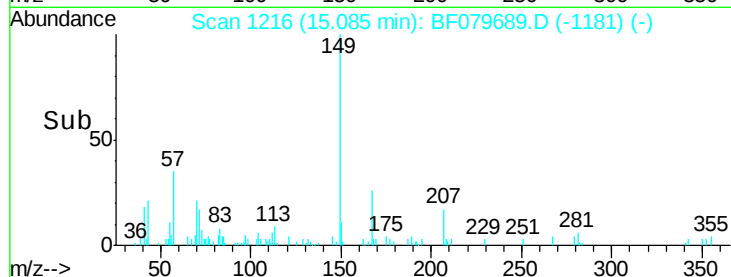
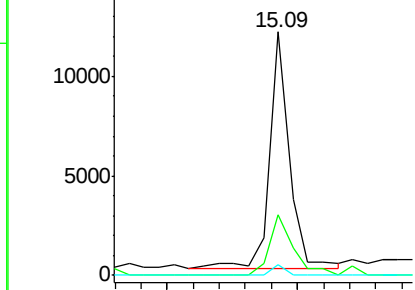
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.37 ng
 RT: 15.09 min Scan# 1216
 Delta R.T. 0.10 min
 Lab File: BF079689.D
 Acq: 4 Jun 2015 5:55

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.12(5)

Tot Ion:149 Resp: 12615
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.6 32.4
 279 4.2 3.1 4.7

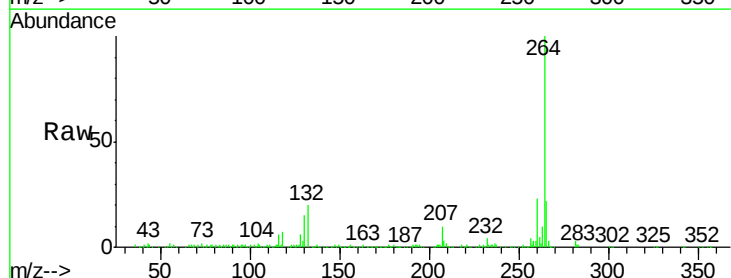


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.13 min Scan# 1395
 Delta R.T. 0.15 min
 Lab File: BF079689.D
 Acq: 4 Jun 2015 5:55

Tgt Ion:264 Resp: 301600
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 22.3 17.4 26.0



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

