

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079862.D
 Acq On : 10 Jun 2015 13:52
 Operator : TP/IZ
 Sample : G2536-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P5-24(UNFILTERED)

Quant Time: Jun 11 01:27:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 00:53:15 2015
 Response via : Initial Calibration

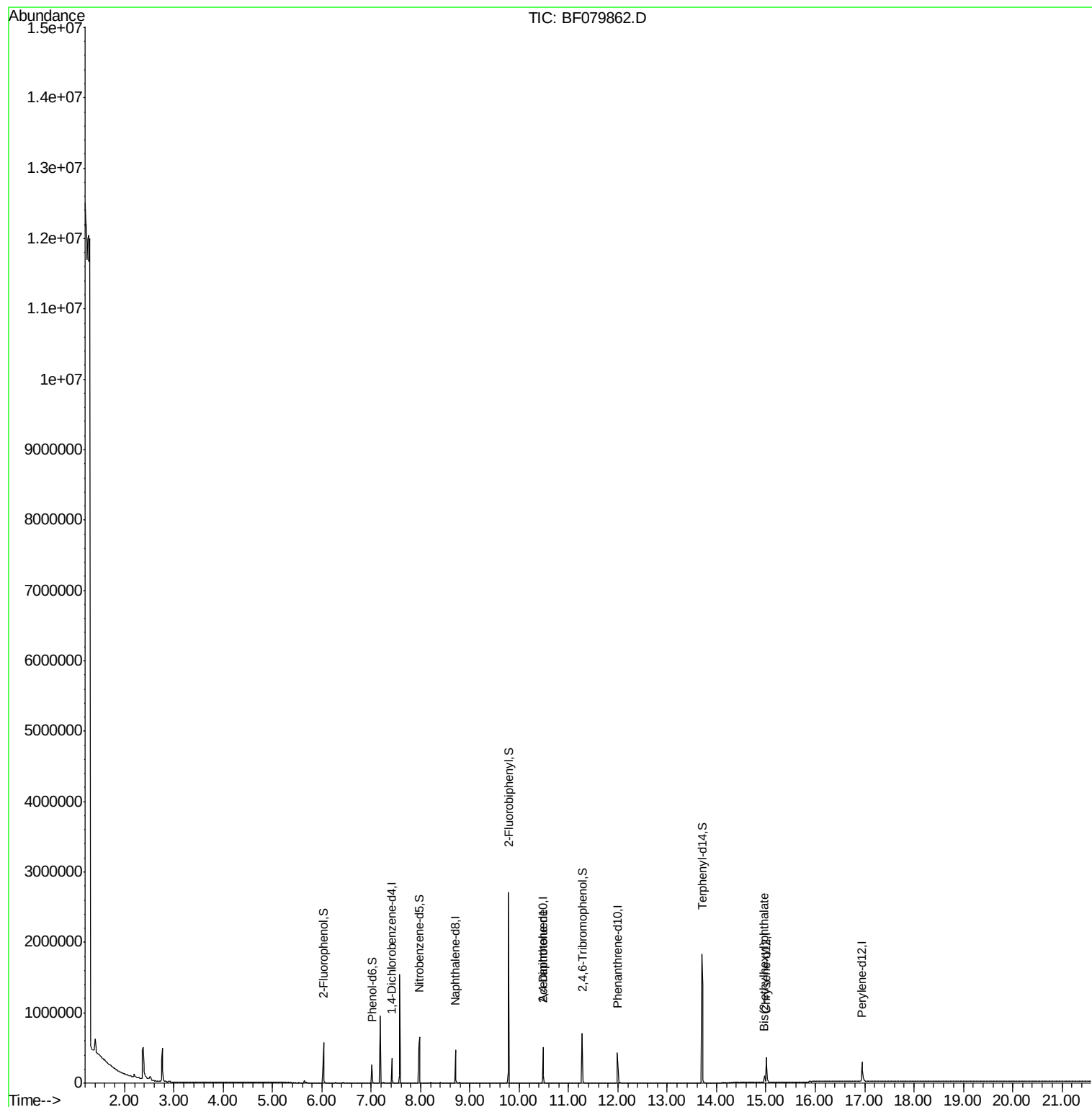
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	47323	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	184844	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	95615	20.00	ng	-0.01
63) Phenanthrene-d10	11.99	188	189638	20.00	ng	-0.01
75) Chrysene-d12	15.01	240	190945	20.00	ng	-0.07
86) Perylene-d12	16.95	264	171287	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	164767	57.38	ng	0.00
7) Phenol-d6	7.02	99	123718	33.30	ng	0.00
23) Nitrobenzene-d5	7.98	82	277620	86.76	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	116943	141.33	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	720763	106.02	ng	0.00
78) Terphenyl-d14	13.70	244	823454	97.22	ng	-0.03
Target Compounds						
56) 2,4-Dinitrotoluene	10.48	165	11623	12.11	ng	# 32
83) Bis(2-ethylhexyl)phthalate	14.97	149	28664	4.65	ng	# 91

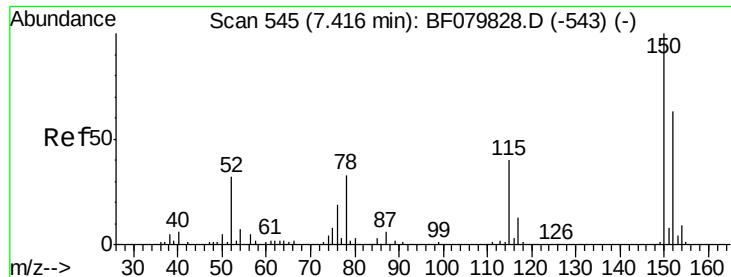
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 11 00:53:15 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF079862.D

Acq: 10 Jun 2015 13:52

Instrument :

BNA_F

ClientSampleId :

P5-24(UNFILTERED)

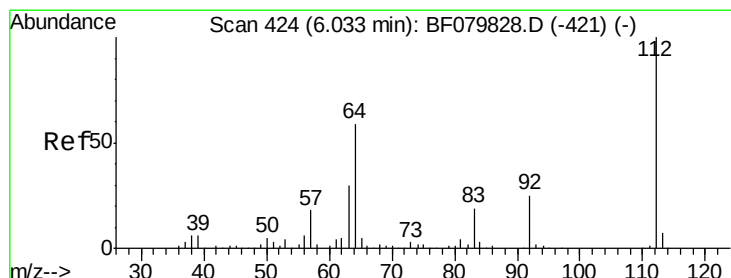
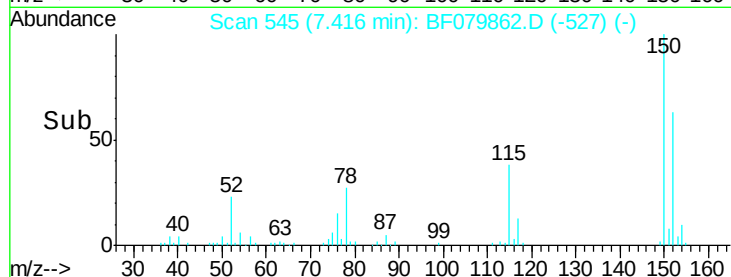
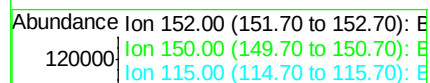
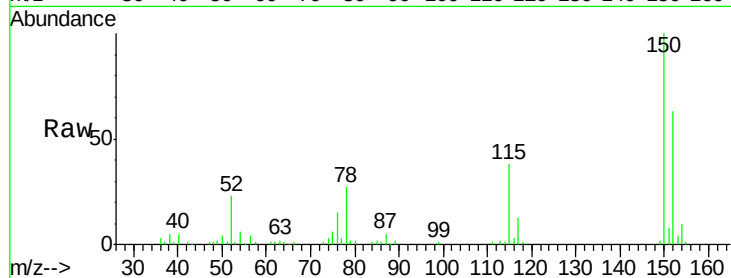
Tgt Ion:152 Resp: 47323

Ion Ratio Lower Upper

152 100

150 158.4 131.4 197.2

115 60.5 56.5 84.7



#5

2-Fluorophenol

Concen: 57.38 ng

RT: 6.03 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF079862.D

Acq: 10 Jun 2015 13:52

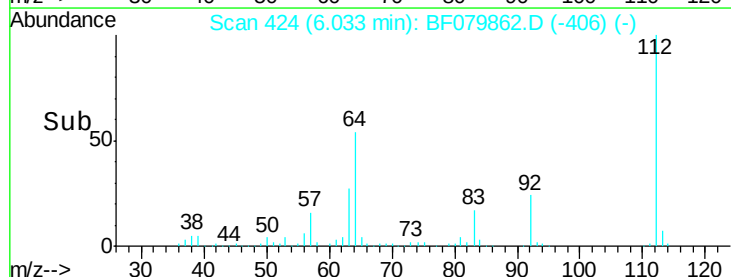
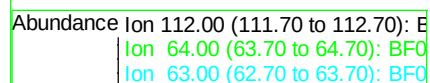
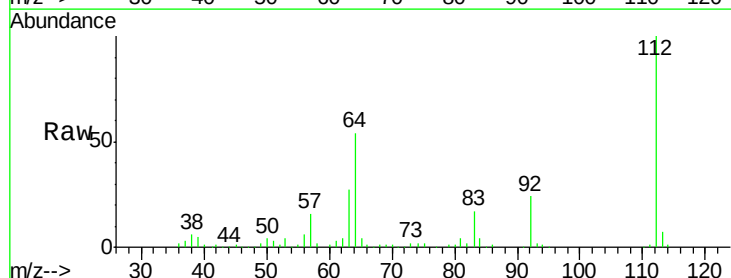
Tgt Ion:112 Resp: 164767

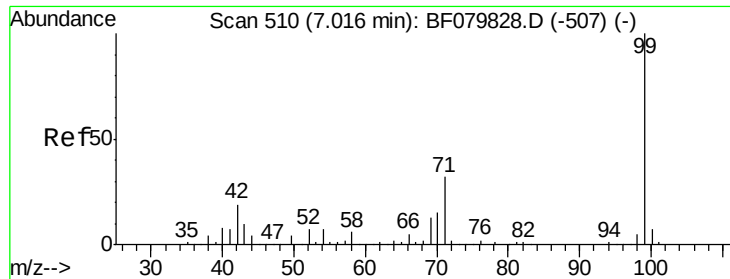
Ion Ratio Lower Upper

112 100

64 53.9 44.2 66.4

63 27.5 22.8 34.2





#7

Phenol-d6

Concen: 33.30 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079862.D

Acq: 10 Jun 2015 13:52

Instrument :

BNA_F

ClientSampleId :

P5-24(UNFILTERED)

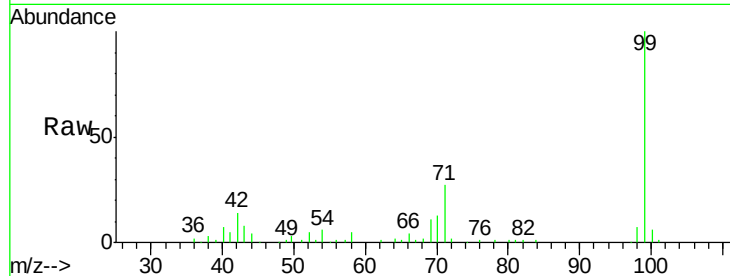
Tgt Ion: 99 Resp: 123718

Ion Ratio Lower Upper

99 100

42 14.1 13.7 20.5

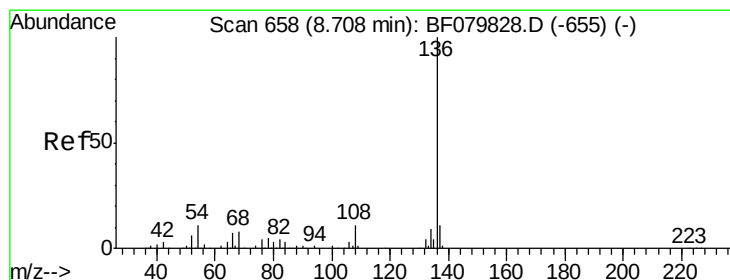
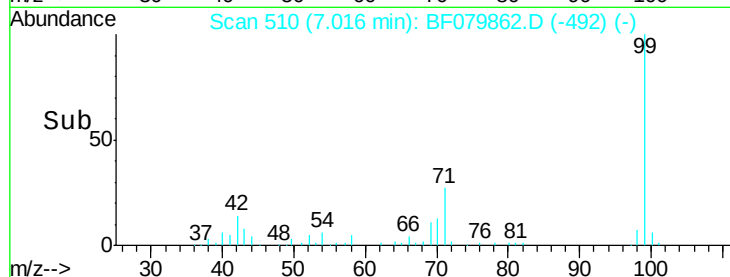
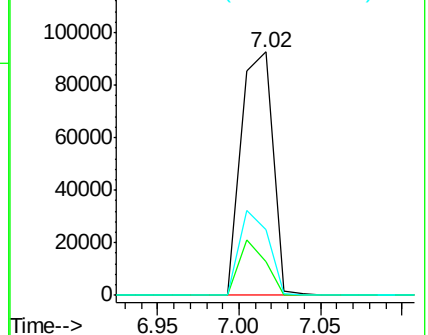
71 27.1 25.1 37.7



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: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079862.D

Acq: 10 Jun 2015 13:52

Tgt Ion: 136 Resp: 184844

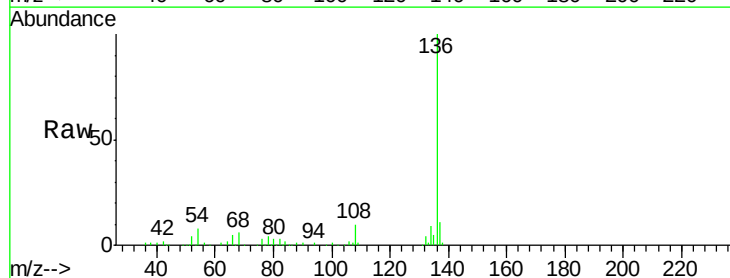
Ion Ratio Lower Upper

136 100

137 10.6 9.3 13.9

54 8.4 8.1 12.1

68 5.9 4.8 7.2

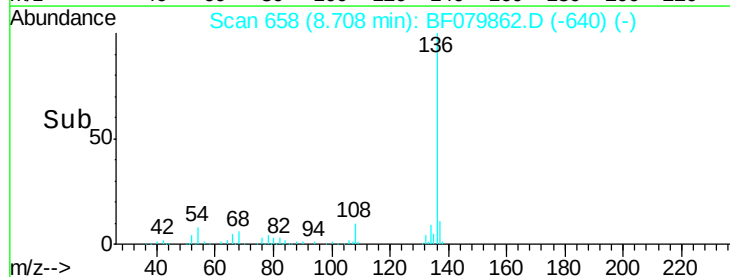
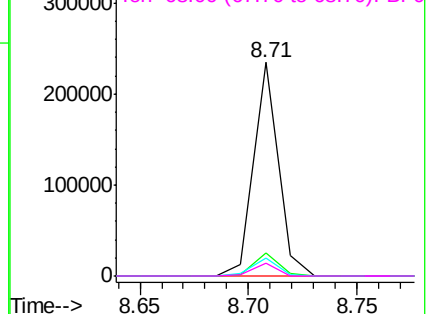


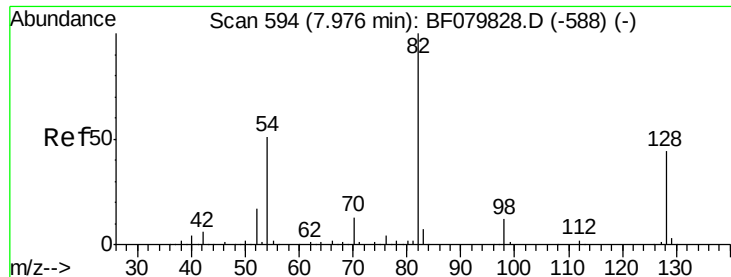
Abundance Ion 136.00 (135.70 to 136.70): E

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

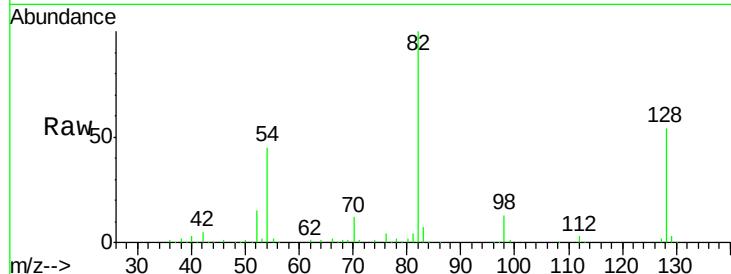




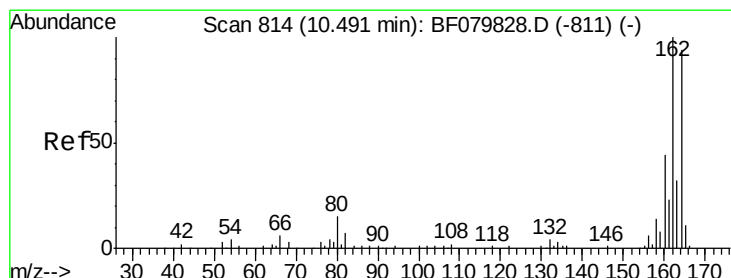
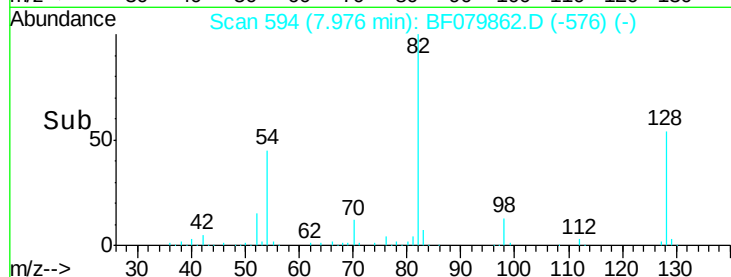
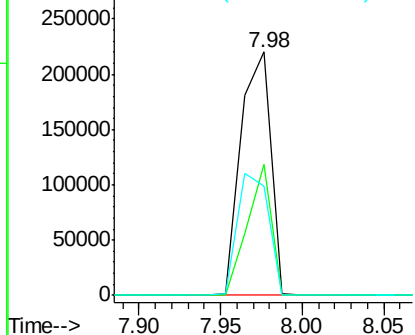
#23
 Nitrobenzene-d5
 Concen: 86.76 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079862.D
 Acq: 10 Jun 2015 13:52

Instrument :
 BNA_F
 ClientSampleId :
 P5-24(UNFILTERED)

Tgt Ion: 82 Resp: 277620
 Ion Ratio Lower Upper
 82 100
 128 53.8 35.2 52.8#
 54 44.8 39.2 58.8

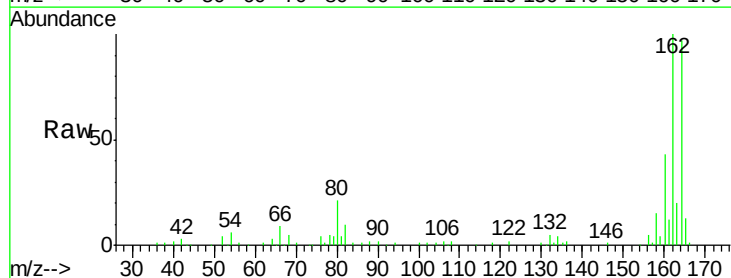


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

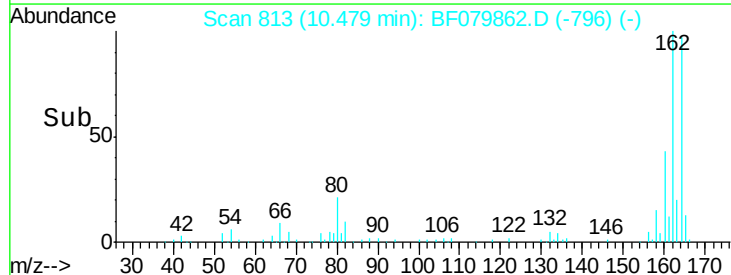
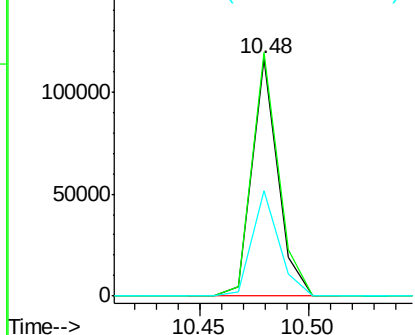


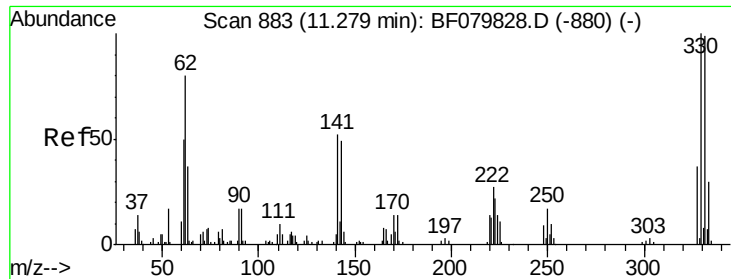
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF079862.D
 Acq: 10 Jun 2015 13:52

Tgt Ion: 164 Resp: 95615
 Ion Ratio Lower Upper
 164 100
 162 102.6 89.8 134.8
 160 44.4 39.6 59.4



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

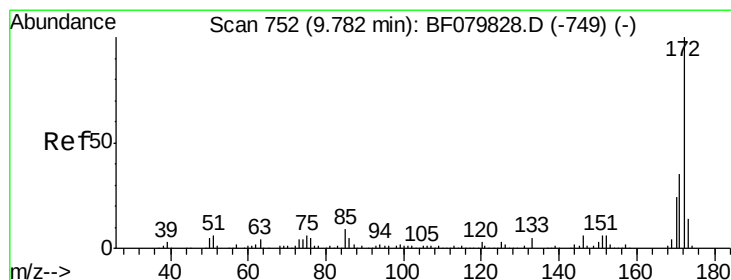
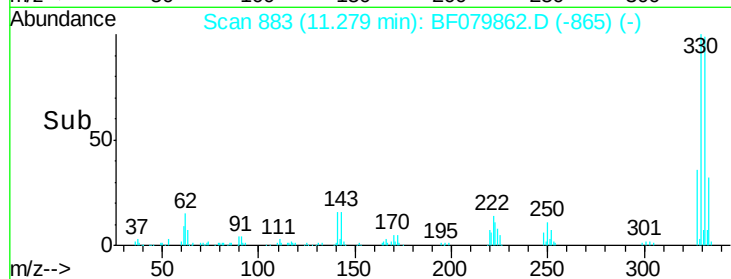
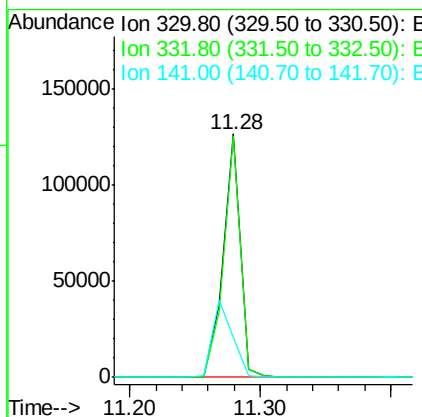
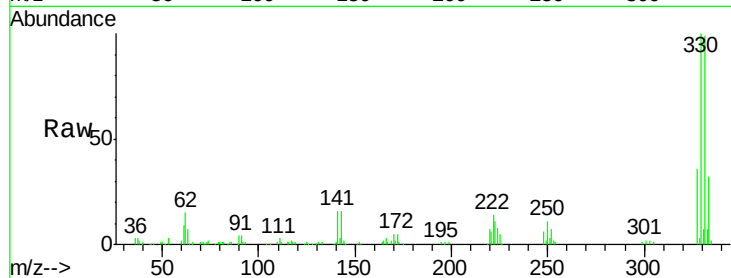




#41
 2,4,6-Tribromophenol
 Concen: 141.33 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079862.D
 Acq: 10 Jun 2015 13:52

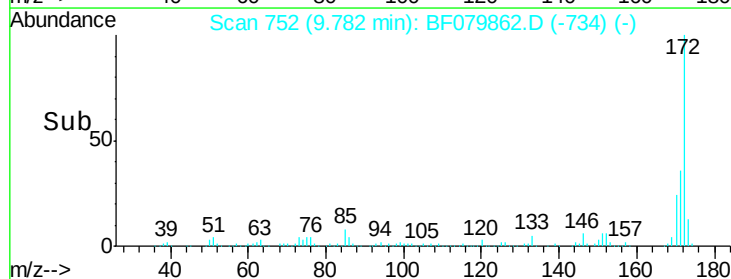
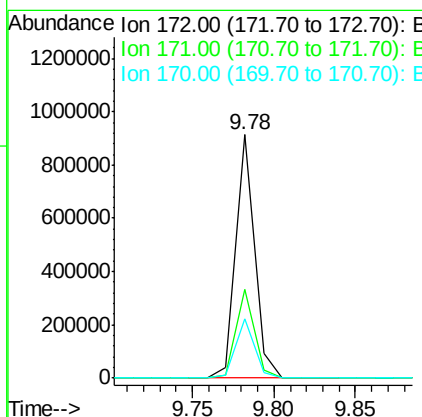
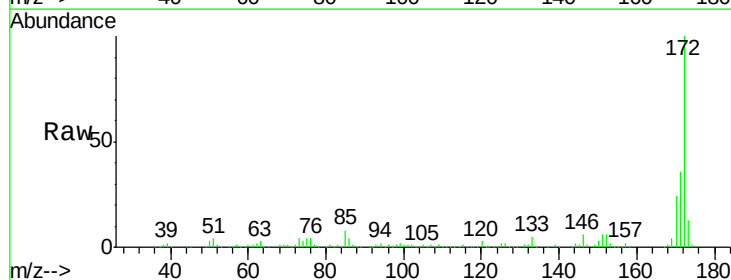
Instrument :
 BNA_F
 ClientSampleId :
 P5-24(UNFILTERED)

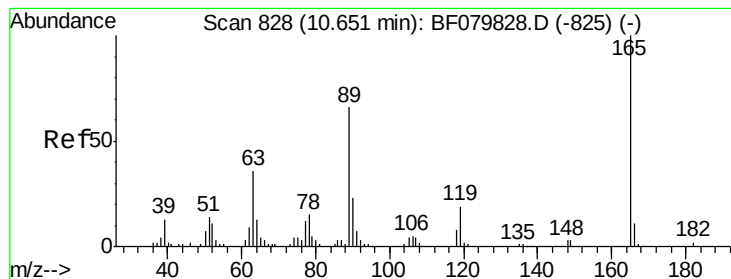
Tgt Ion:330 Resp: 116943
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 36.4 29.1 43.7



#44
 2-Fluorobiphenyl
 Concen: 106.02 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079862.D
 Acq: 10 Jun 2015 13:52

Tgt Ion:172 Resp: 720763
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 24.3 18.8 28.2





#56

2,4-Dinitrotoluene

Concen: 12.11 ng

RT: 10.48 min Scan# 813

Delta R.T. -0.17 min

Lab File: BF079862.D

Acq: 10 Jun 2015 13:52

Instrument :

BNA_F

ClientSampleId :

P5-24(UNFILTERED)

Tgt Ion:165 Resp: 11623

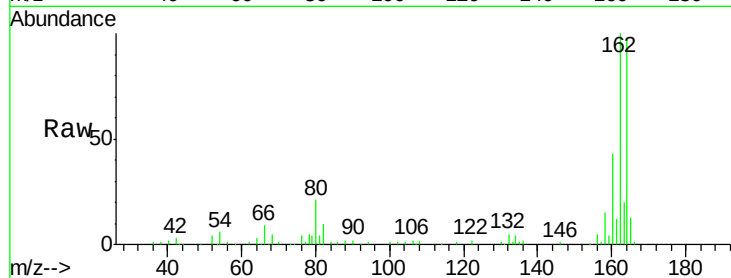
Ion Ratio Lower Upper

165 100

63 0.0 24.4 36.6#

89 0.0 45.3 67.9#

182 0.0 2.0 3.0#

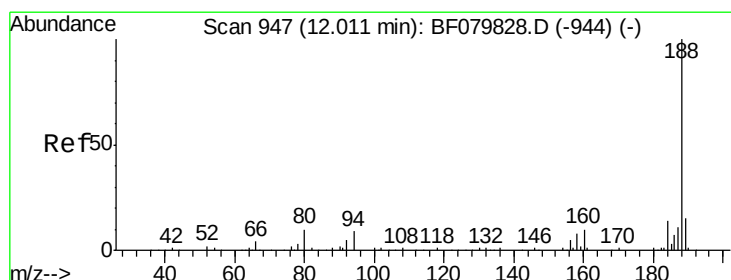
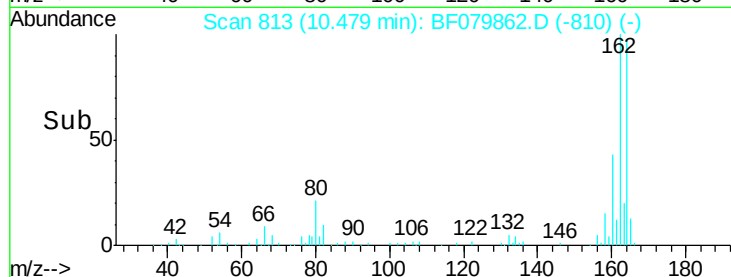
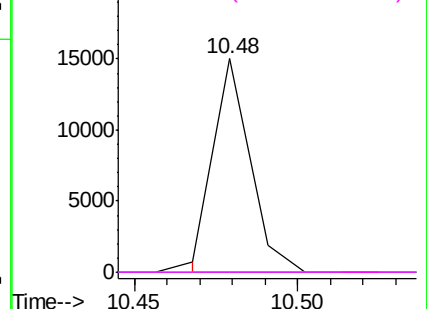


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.99 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF079862.D

Acq: 10 Jun 2015 13:52

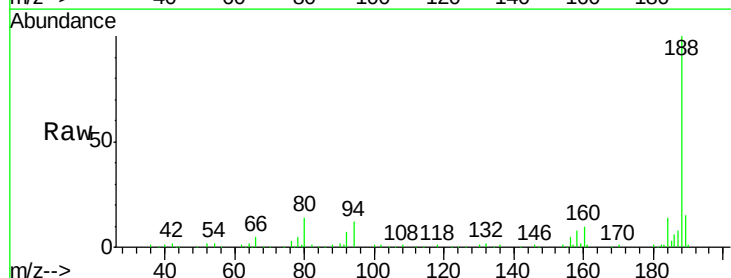
Tgt Ion:188 Resp: 189638

Ion Ratio Lower Upper

188 100

94 11.8 7.4 11.0#

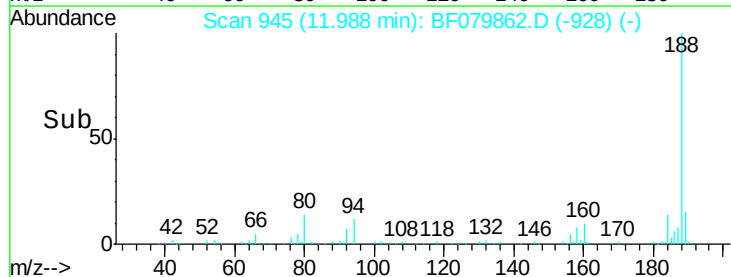
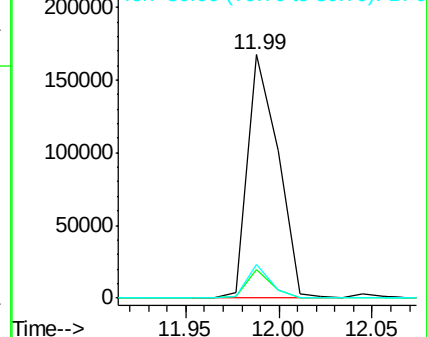
80 13.9 8.0 12.0#

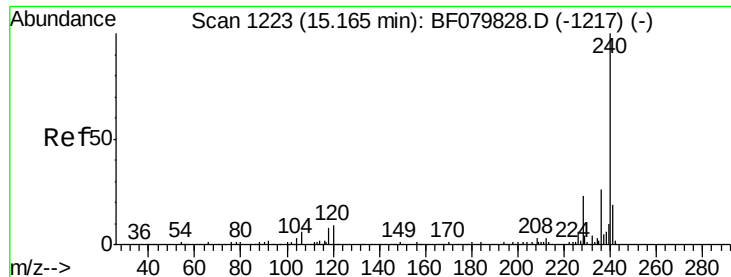


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.01 min Scan# 1209

Delta R.T. -0.07 min

Lab File: BF079862.D

Acq: 10 Jun 2015 13:52

Instrument :

BNA_F

ClientSampleId :

P5-24(UNFILTERED)

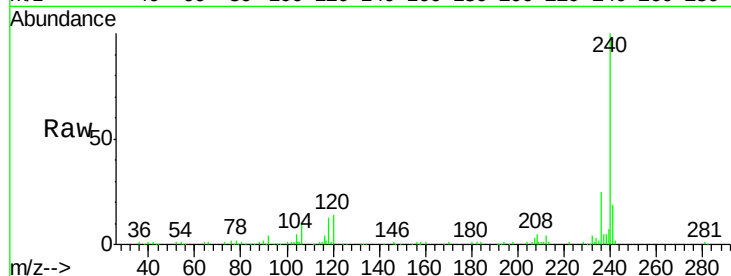
Tgt Ion:240 Resp: 190945

Ion Ratio Lower Upper

240 100

120 13.7 6.6 9.8#

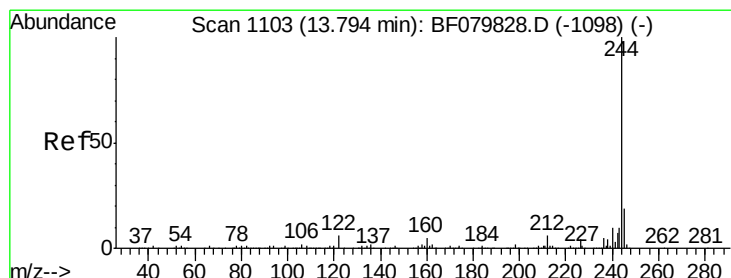
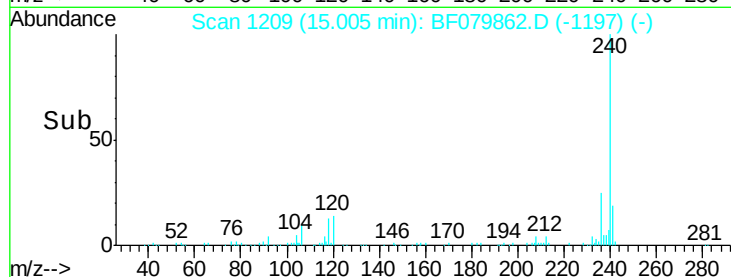
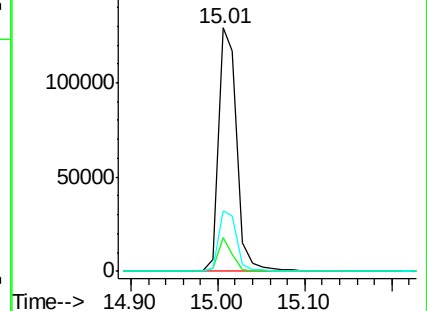
236 24.7 20.2 30.4



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: 97.22 ng

RT: 13.70 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BF079862.D

Acq: 10 Jun 2015 13:52

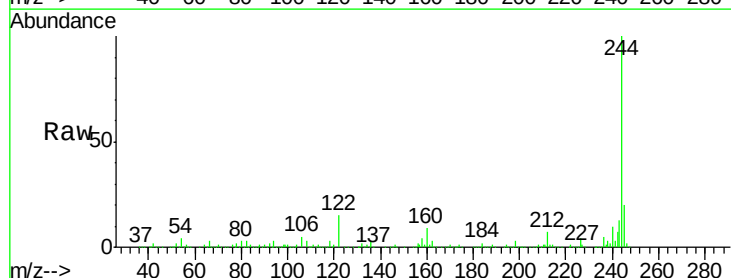
Tgt Ion:244 Resp: 823454

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

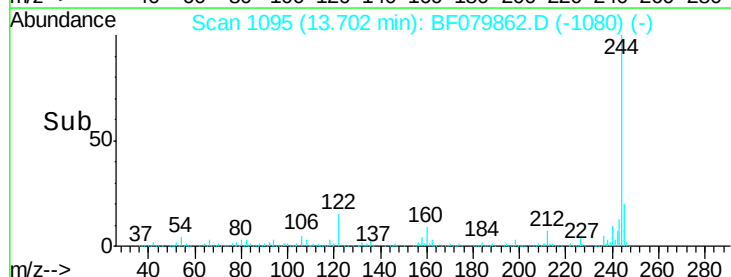
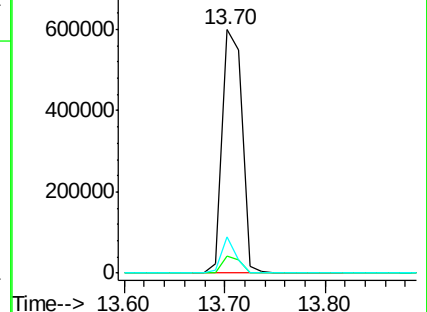
122 14.9 8.2 12.2#

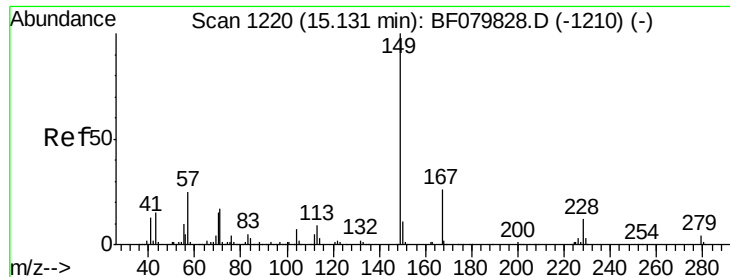


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

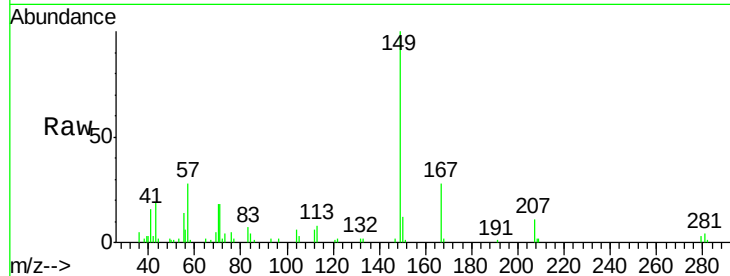




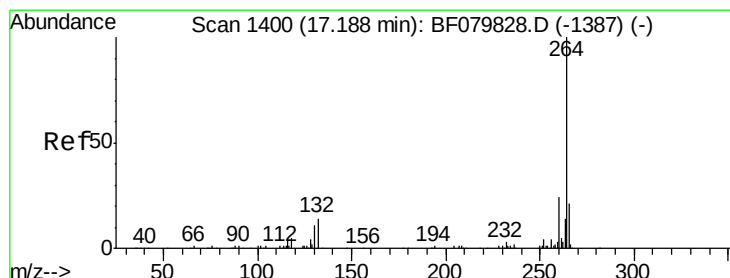
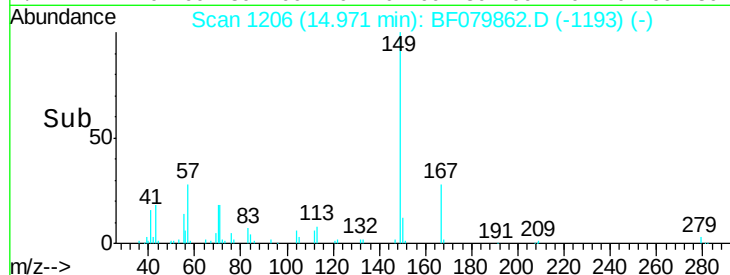
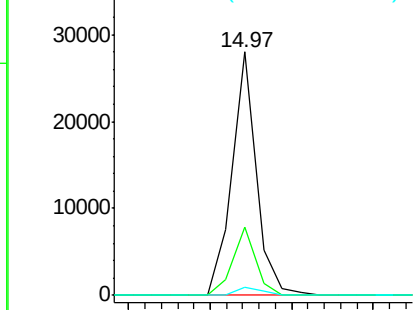
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.65 ng
 RT: 14.97 min Scan# 1206
 Delta R.T. -0.06 min
 Lab File: BF079862.D
 Acq: 10 Jun 2015 13:52

Instrument :
 BNA_F
 ClientSampleId :
 P5-24(UNFILTERED)

Tgt Ion:149 Resp: 28664
 Ion Ratio Lower Upper
 149 100
 167 28.1 18.7 28.1
 279 3.4 1.7 2.5#

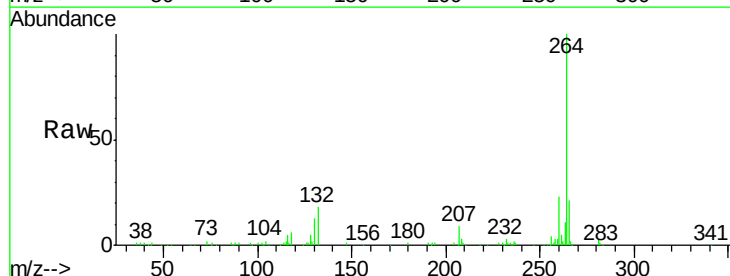


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.95 min Scan# 1379
 Delta R.T. -0.08 min
 Lab File: BF079862.D
 Acq: 10 Jun 2015 13:52

Tgt Ion:264 Resp: 171287
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.4 18.0 27.0



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

