

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
 Data File : BF079435.D
 Acq On : 22 May 2015 16:11
 Operator : TP/IZ
 Sample : G2255-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW005-150512

Quant Time: May 22 23:01:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 22:53:44 2015
 Response via : Initial Calibration

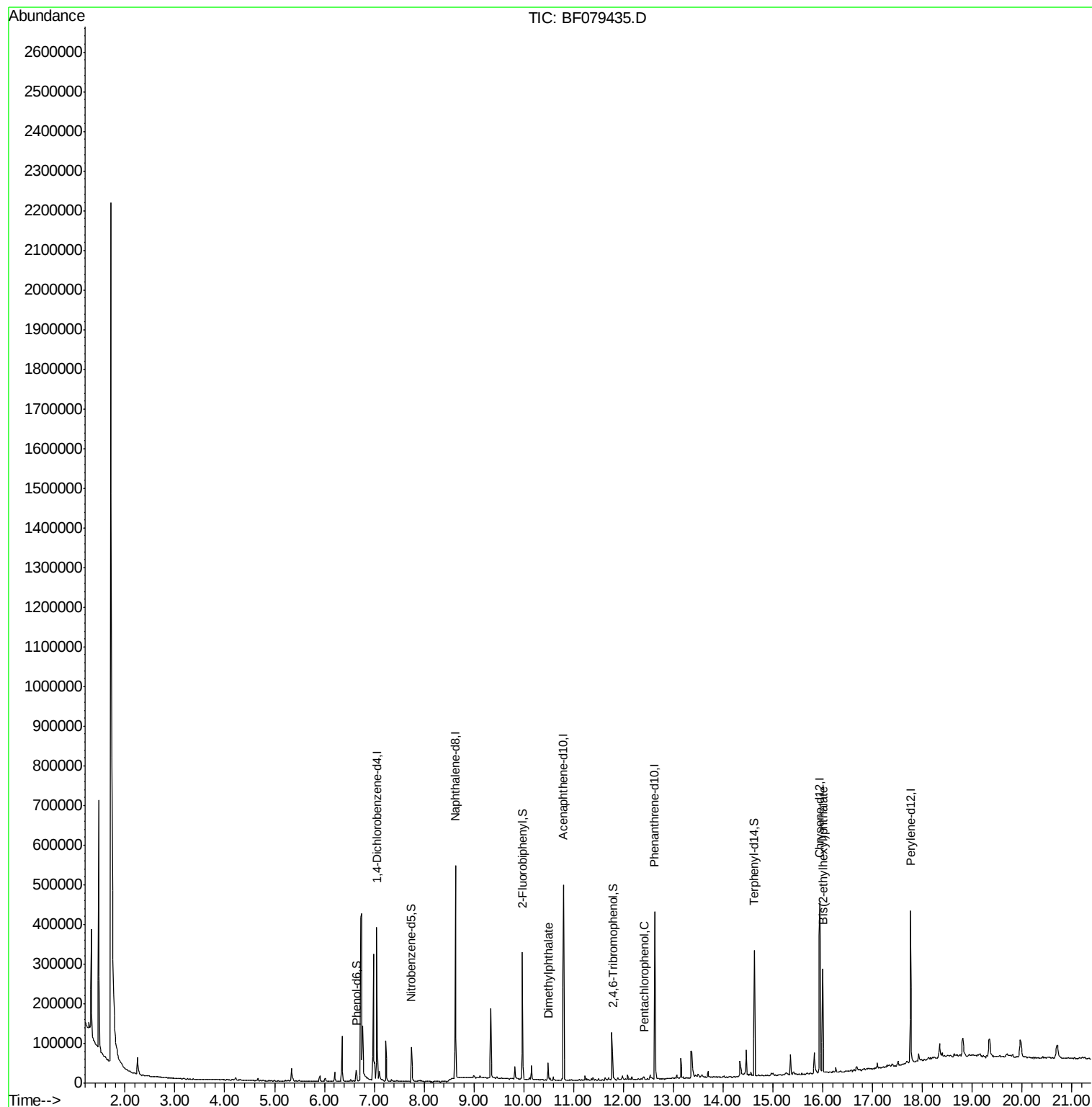
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	59196	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	246557	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	116739	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	223322	20.00	ng	-0.01
75) Chrysene-d12	15.94	240	214283	20.00	ng	-0.02
86) Perylene-d12	17.76	264	185260	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.64	99	10862	2.39	ng	0.01
23) Nitrobenzene-d5	7.75	82	32919	7.67	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	18056	14.30	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	84203	10.05	ng	0.00
78) Terphenyl-d14	14.63	244	110986	12.40	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.49	163	24176	2.82	ng	Qvalue # 97
69) Pentachlorophenol	12.41	266	1035	7.45	ng	95
83) Bis(2-ethylhexyl)phthalate	16.00	149	85236	10.43	ng	99

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

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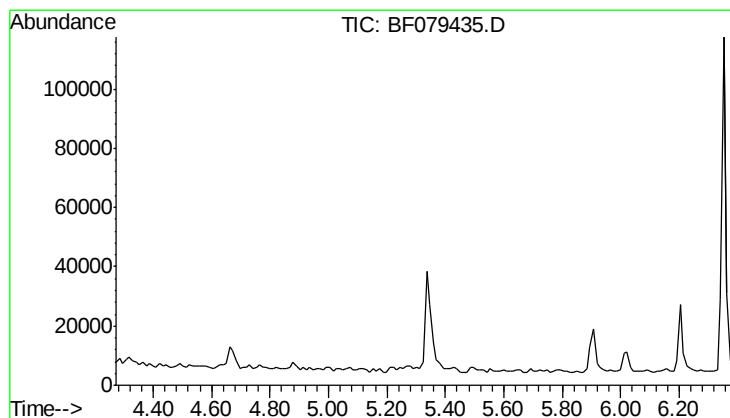
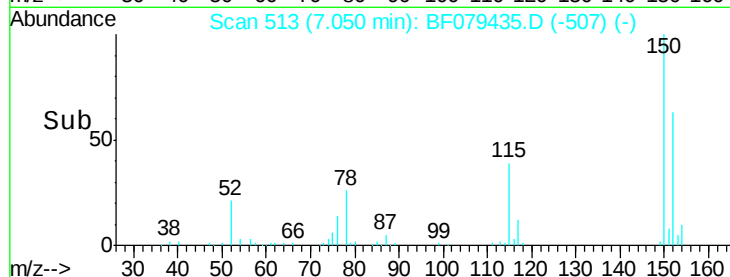
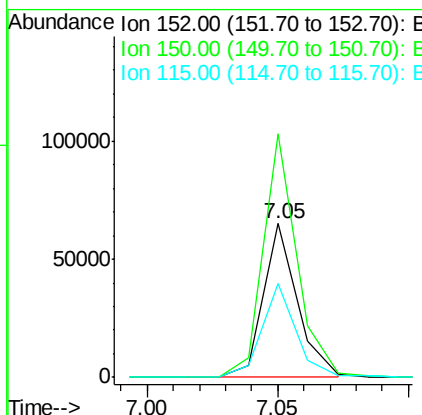
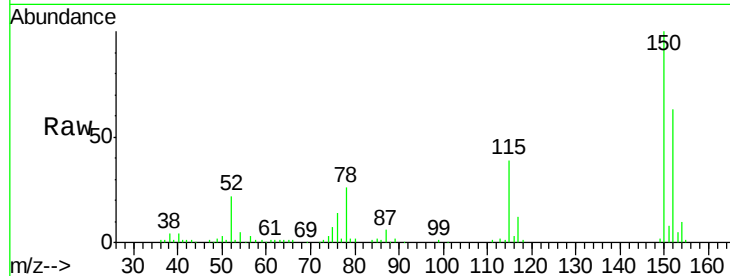




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF079435.D
 Acq: 22 May 2015 16:11

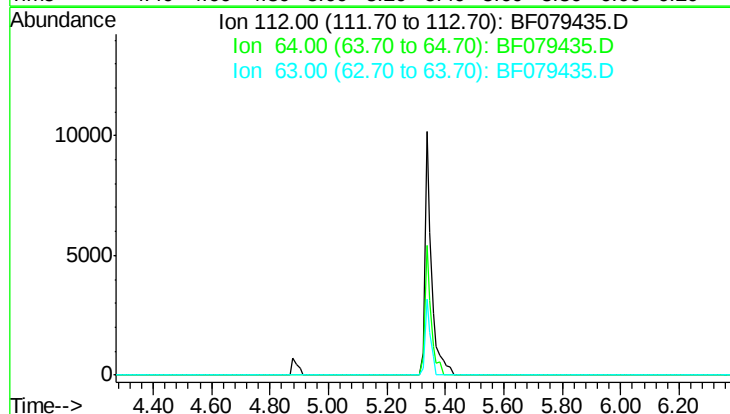
Instrument :
 BNA_F
 ClientSampleId :
 LF017MW005-150512

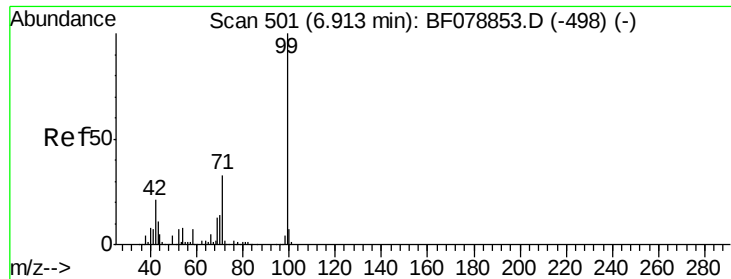
Tgt Ion	Resp	Lower	Upper
152	59196		
150	158.6	123.8	185.8
115	61.5	49.4	74.0



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.32 min
 Lab File: BF079435.D
 Acq: 22 May 2015 16:11

Tgt Ion	Exp Ratio
112	100
64	55.2
63	28.4





#7

Phenol-d6

Concen: 2.39 ng

RT: 6.64 min Scan# 477

Delta R.T. 0.01 min

Lab File: BF079435.D

Acq: 22 May 2015 16:11

Instrument :

BNA_F

ClientSampleId :

LF017MW005-150512

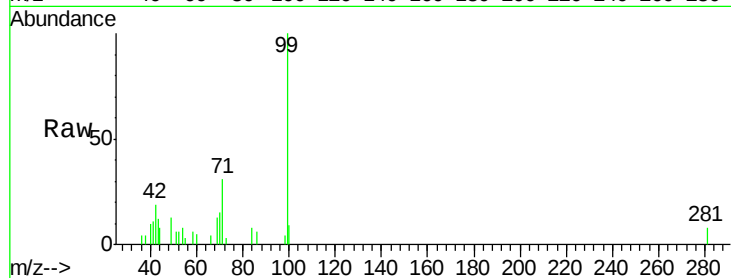
Tgt Ion: 99 Resp: 10862

Ion Ratio Lower Upper

99 100

42 18.5 17.1 25.7

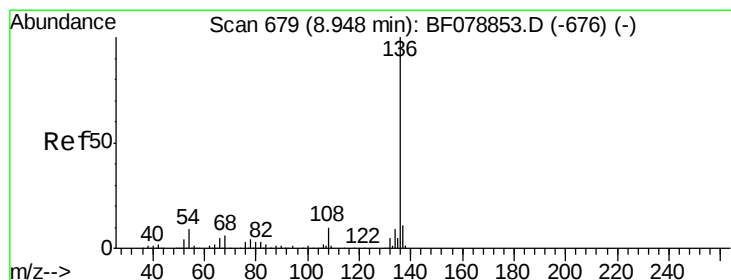
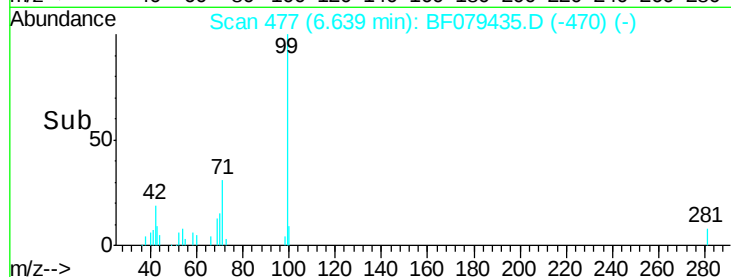
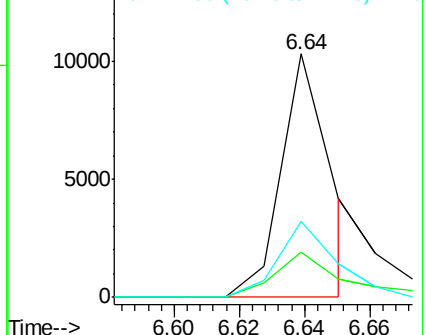
71 31.4 26.3 39.5



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: 8.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF079435.D

Acq: 22 May 2015 16:11

Tgt Ion: 136 Resp: 246557

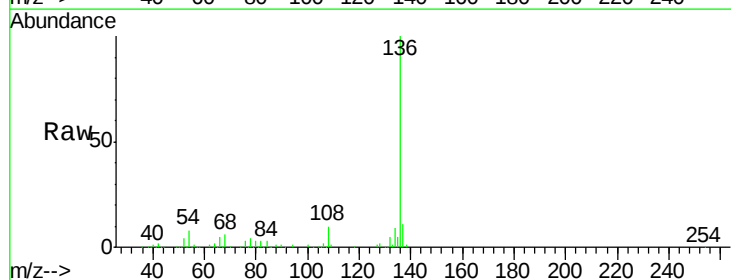
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.7 6.9 10.3

68 5.6 4.9 7.3

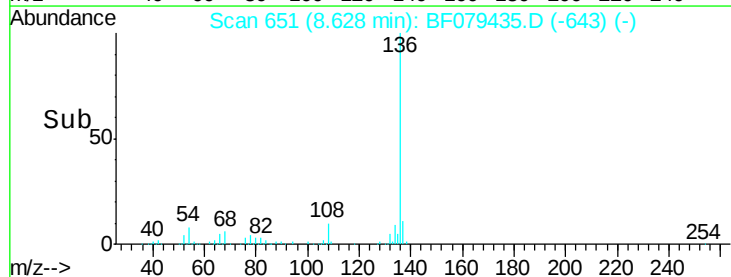
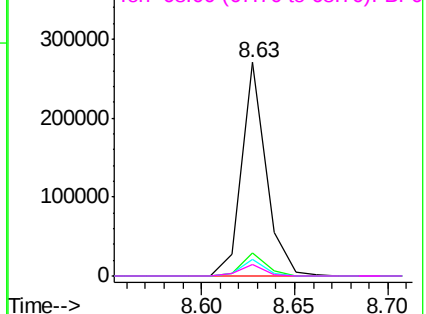


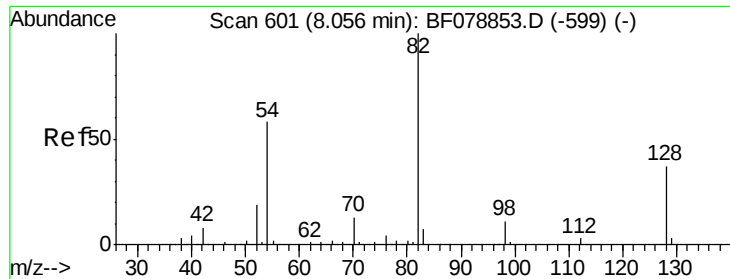
Abundance Ion 136.00 (135.70 to 136.70): E

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

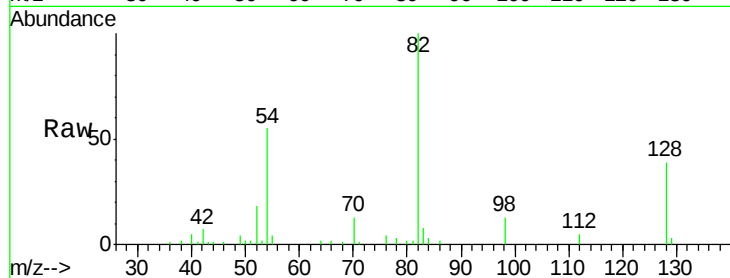




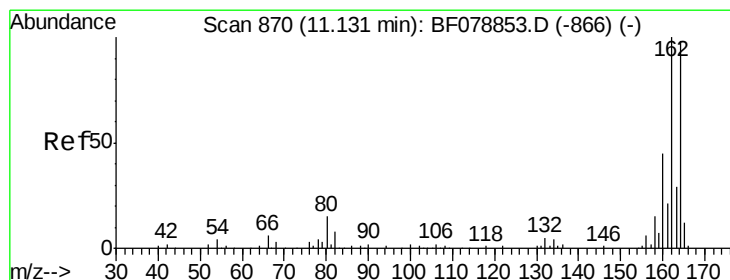
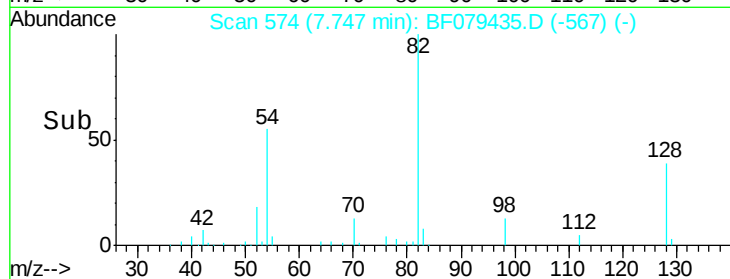
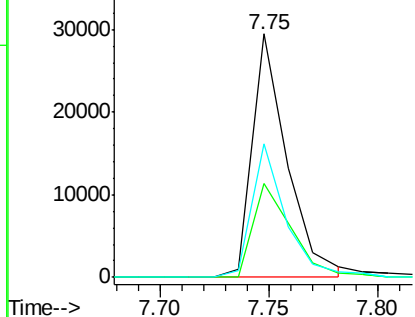
#23
 Nitrobenzene-d5
 Concen: 7.67 ng
 RT: 7.75 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF079435.D
 Acq: 22 May 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW005-150512

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.6	29.7	44.5
54	55.0	46.2	69.4

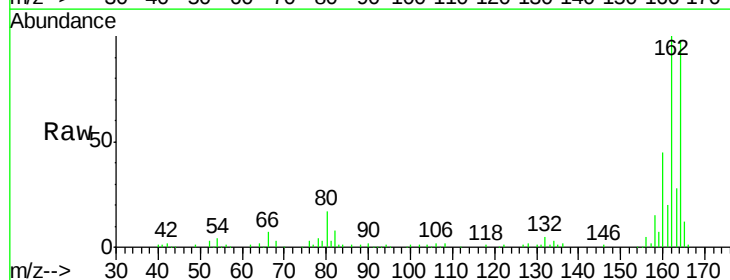


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

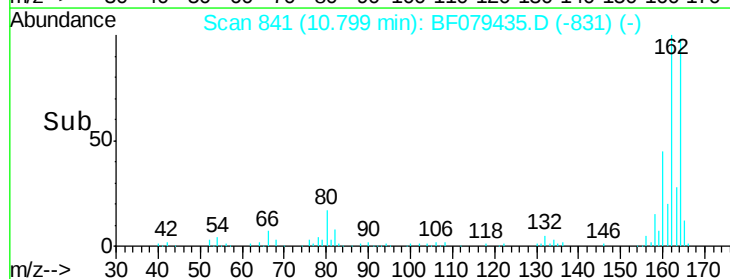
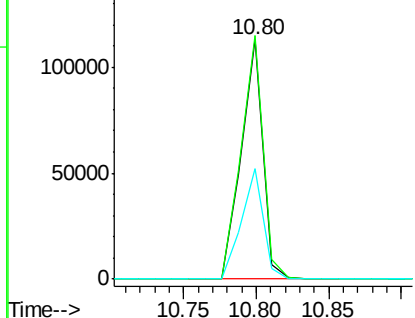


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.80 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BF079435.D
 Acq: 22 May 2015 16:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.0
160	45.9	36.6	54.8



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

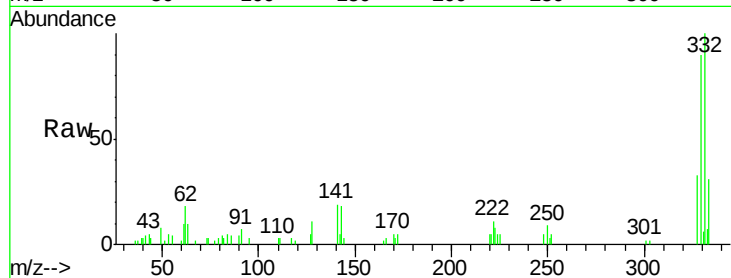




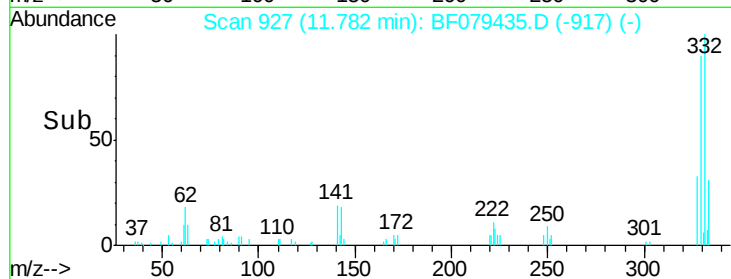
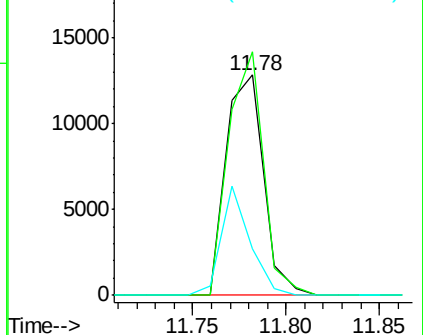
#41
 2,4,6-Tribromophenol
 Concen: 14.30 ng
 RT: 11.78 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF079435.D
 Acq: 22 May 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW005-150512

Tgt Ion:330 Resp: 18056
 Ion Ratio Lower Upper
 330 100
 332 102.6 76.9 115.3
 141 37.8 27.8 41.8

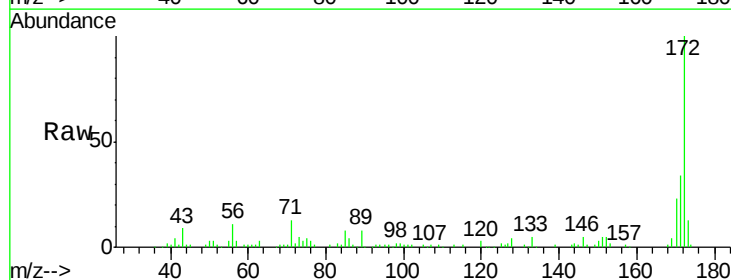


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

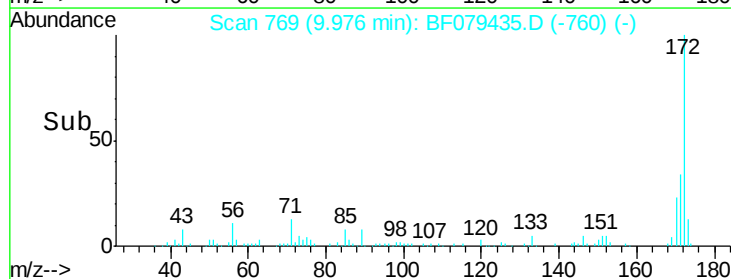
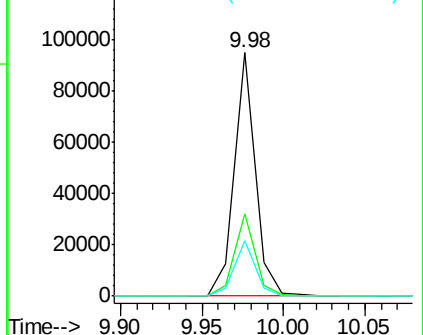


#44
 2-Fluorobiphenyl
 Concen: 10.05 ng
 RT: 9.98 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF079435.D
 Acq: 22 May 2015 16:11

Tgt Ion:172 Resp: 84203
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.3 42.5
 170 22.7 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

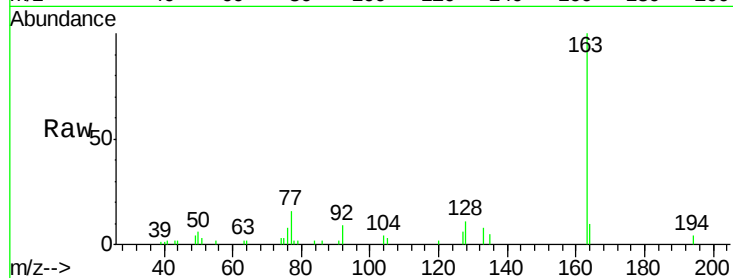




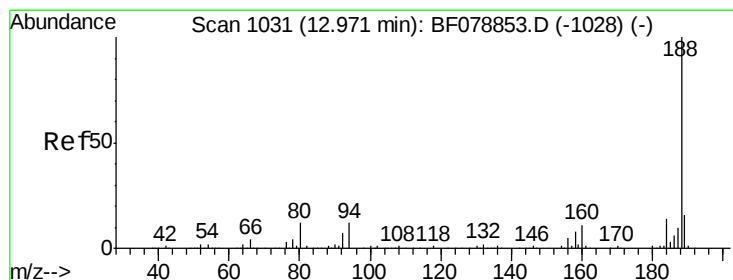
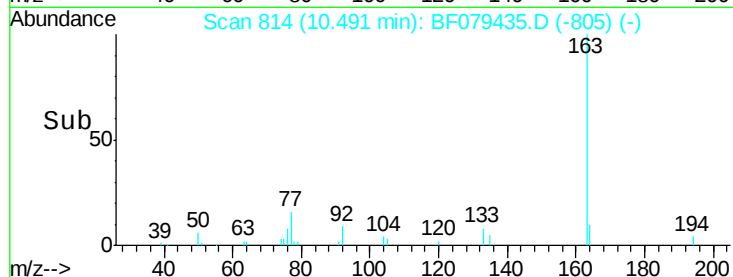
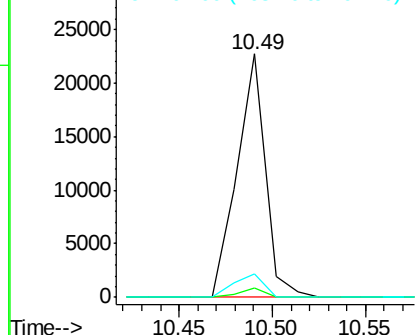
#49
Dimethylphthalate
Concen: 2.82 ng
RT: 10.49 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF079435.D
Acq: 22 May 2015 16:11

Instrument :
BNA_F
ClientSampleId :
LF017MW005-150512

Tgt Ion:163 Resp: 24176
Ion Ratio Lower Upper
163 100
194 3.6 2.4 3.6#
164 9.5 8.6 12.8

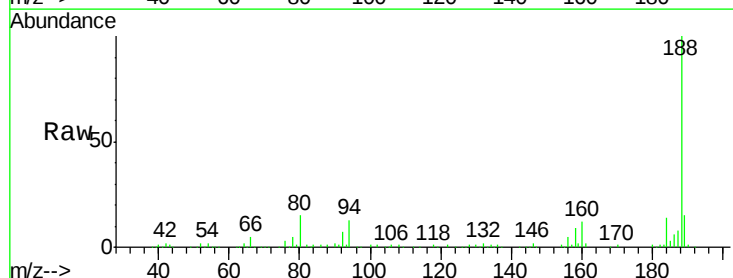


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

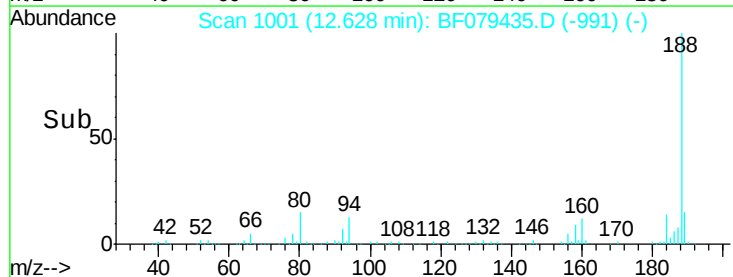
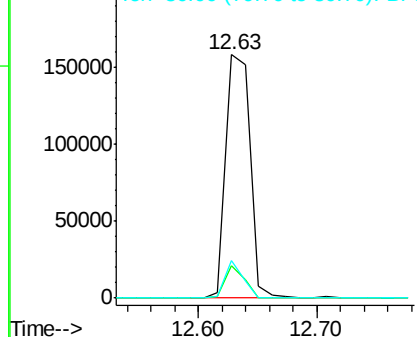


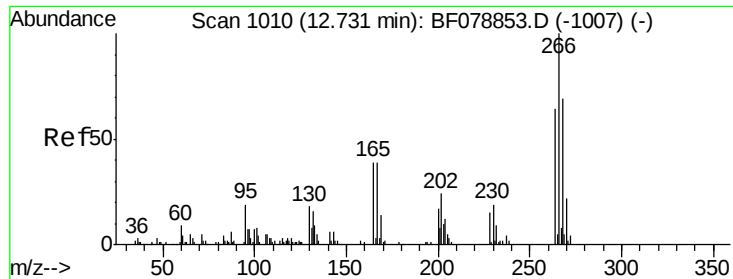
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF079435.D
Acq: 22 May 2015 16:11

Tgt Ion:188 Resp: 223322
Ion Ratio Lower Upper
188 100
94 13.3 9.4 14.0
80 15.2 9.8 14.6#



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

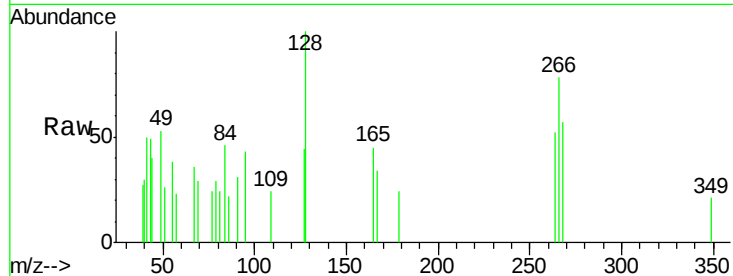




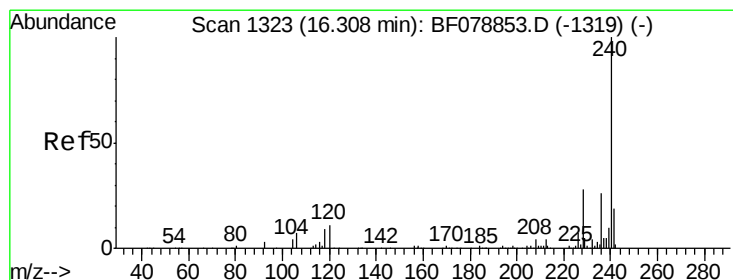
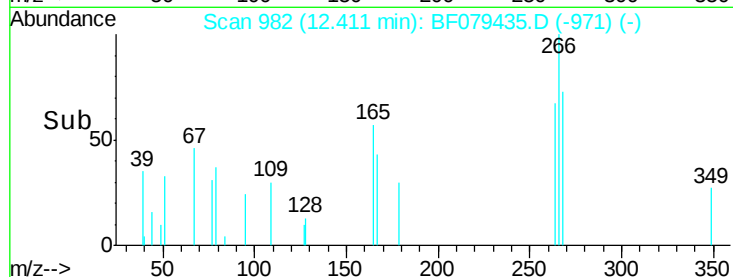
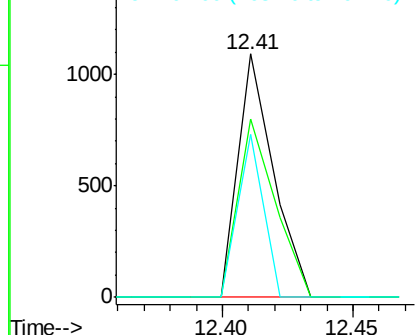
#69
 Pentachlorophenol
 Concen: 7.45 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF079435.D
 Acq: 22 May 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW005-150512

Tgt Ion: 266 Resp: 1035
 Ion Ratio Lower Upper
 266 100
 268 73.0 55.0 82.6
 264 67.0 50.9 76.3

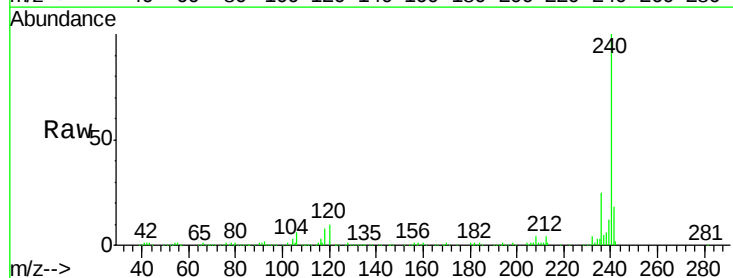


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

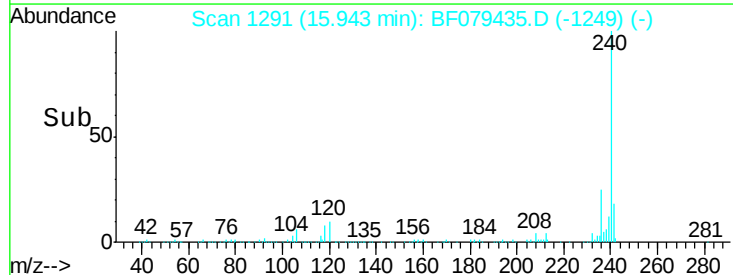
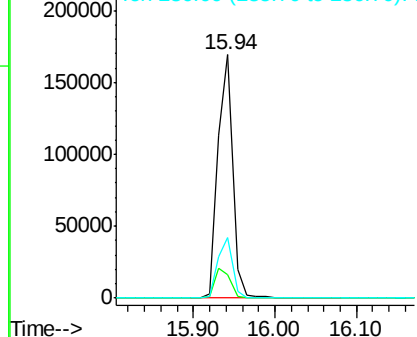


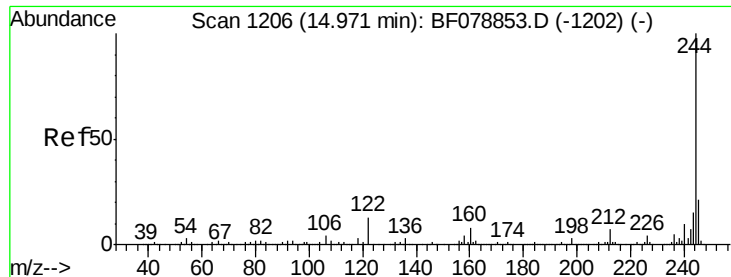
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.94 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF079435.D
 Acq: 22 May 2015 16:11

Tgt Ion: 240 Resp: 214283
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.6 12.8
 236 24.9 21.0 31.6



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: 12.40 ng

RT: 14.63 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF079435.D

Acq: 22 May 2015 16:11

Instrument :

BNA_F

ClientSampleId :

LF017MW005-150512

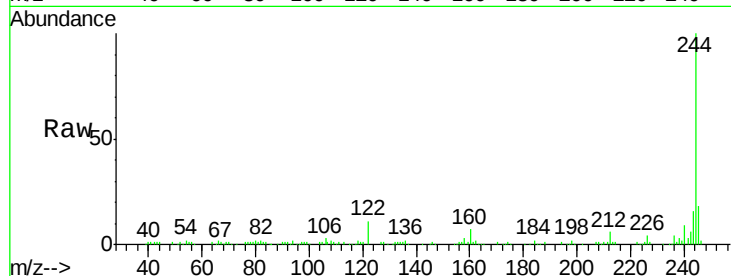
Tgt Ion:244 Resp: 110986

Ion Ratio Lower Upper

244 100

212 6.1 5.6 8.4

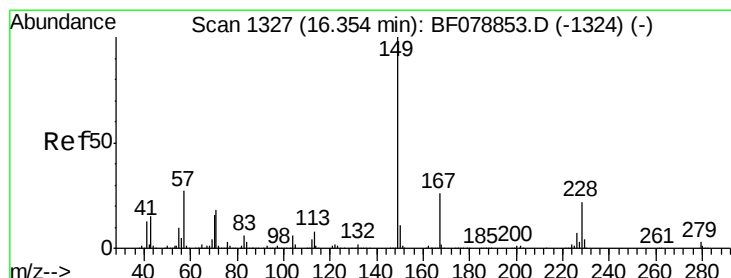
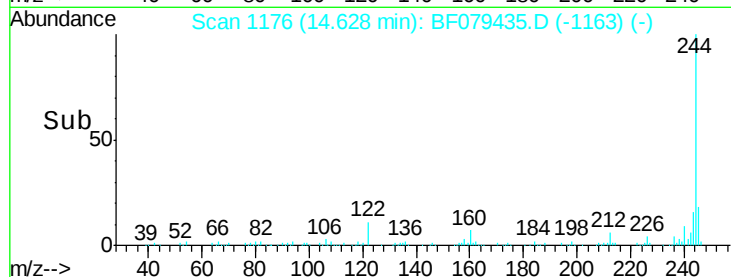
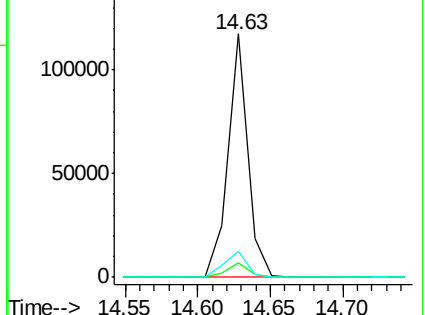
122 10.5 10.5 15.7



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: 10.43 ng

RT: 16.00 min Scan# 1296

Delta R.T. -0.03 min

Lab File: BF079435.D

Acq: 22 May 2015 16:11

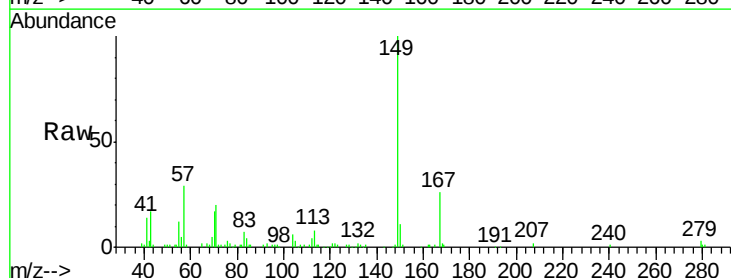
Tgt Ion:149 Resp: 85236

Ion Ratio Lower Upper

149 100

167 25.9 21.2 31.8

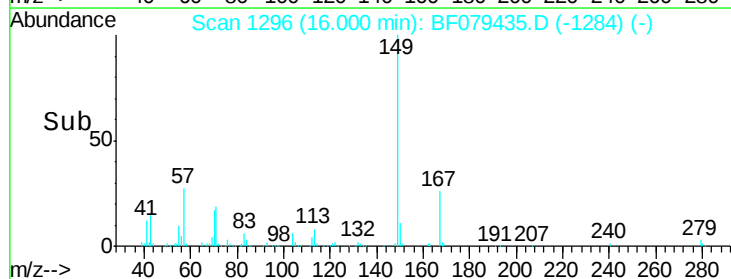
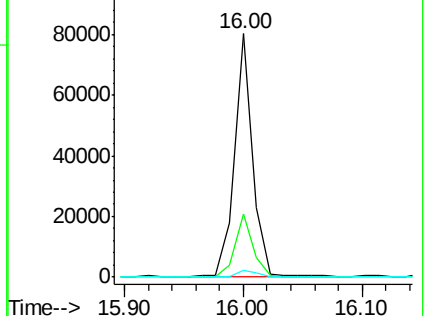
279 2.7 2.6 4.0

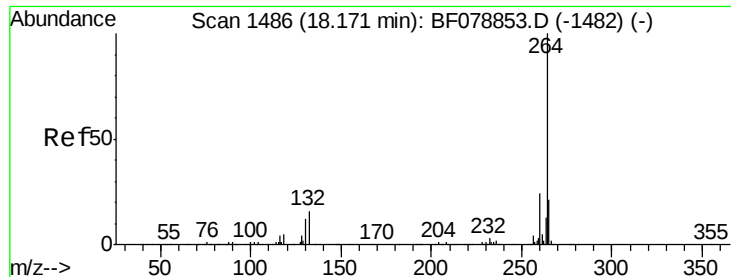


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

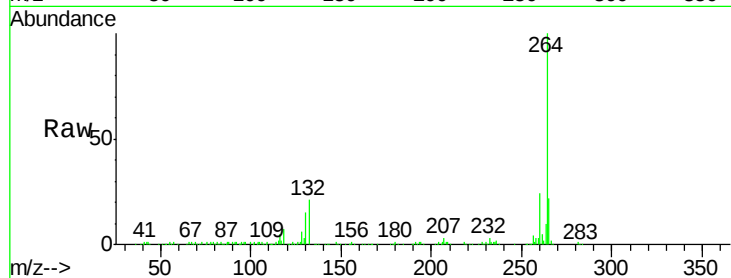




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.76 min Scan# 1450
Delta R.T. -0.09 min
Lab File: BF079435.D
Acq: 22 May 2015 16:11

Instrument :
BNA_F
ClientSampleId :
LF017MW005-150512

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.2	25.8



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

