

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060715\
 Data File : BF079806.D
 Acq On : 7 Jun 2015 11:03
 Operator : TP/IZ
 Sample : G2505-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BE-6

Quant Time: Jun 09 01:15:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 01:08:34 2015
 Response via : Initial Calibration

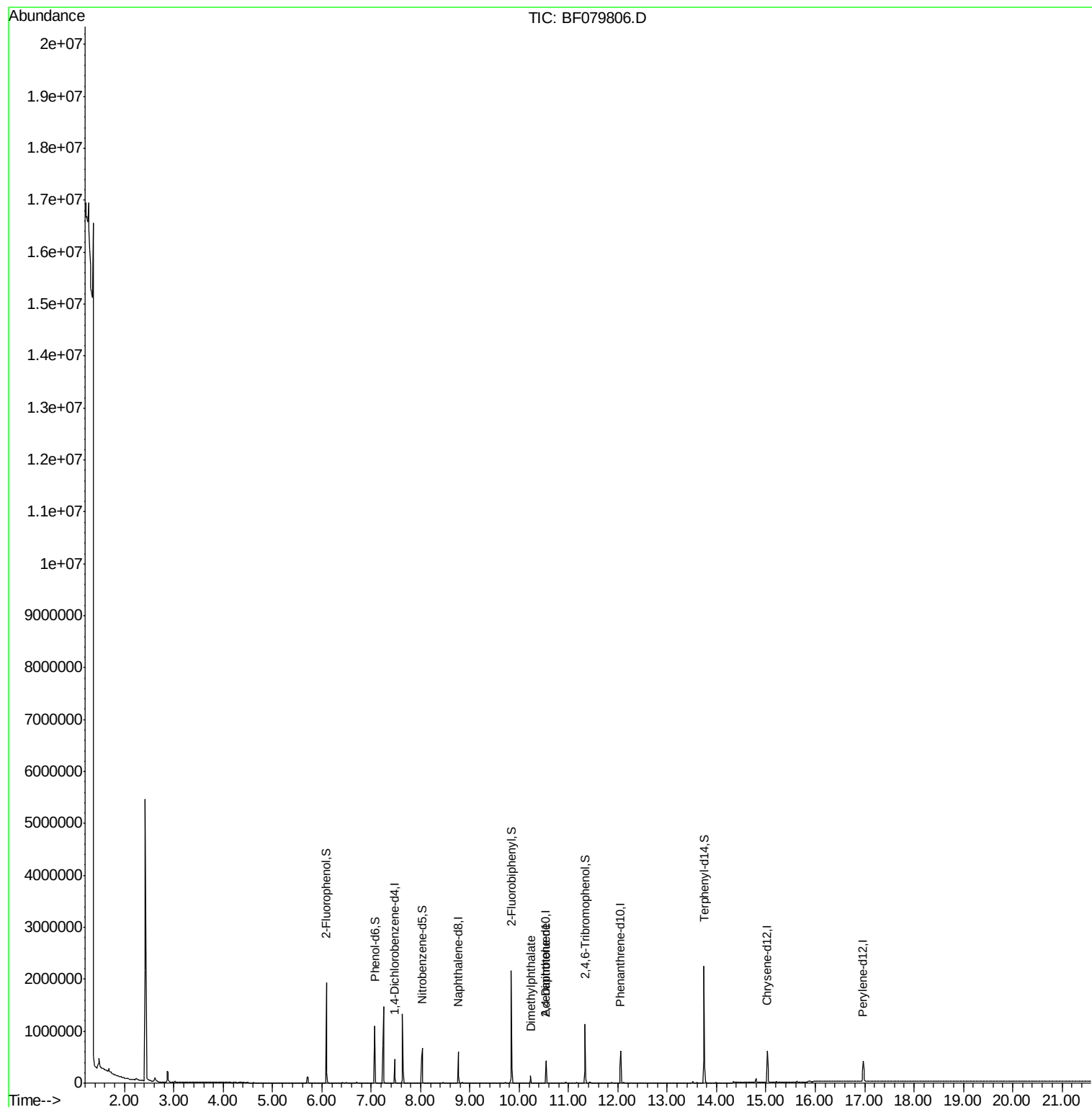
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	64097	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	255152	20.00	ng	0.00
38) Acenaphthene-d10	10.54	164	124309	20.00	ng	-0.01
63) Phenanthrene-d10	12.06	188	262549	20.00	ng	0.00
75) Chrysene-d12	15.03	240	265621	20.00	ng	0.05
86) Perylene-d12	16.97	264	235160	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	447892	117.12	ng	0.00
7) Phenol-d6	7.07	99	541048	109.54	ng	0.00
23) Nitrobenzene-d5	8.03	82	272512	65.57	ng	0.00
41) 2,4,6-Tribromophenol	11.34	330	126335	106.26	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	589050	64.20	ng	0.00
78) Terphenyl-d14	13.75	244	722953	62.34	ng	0.02
Target Compounds						
49) Dimethylphthalate	10.23	163	58964	6.16	ng	# 99
56) 2,4-Dinitrotoluene	10.54	165	15848	11.42	ng	# 32

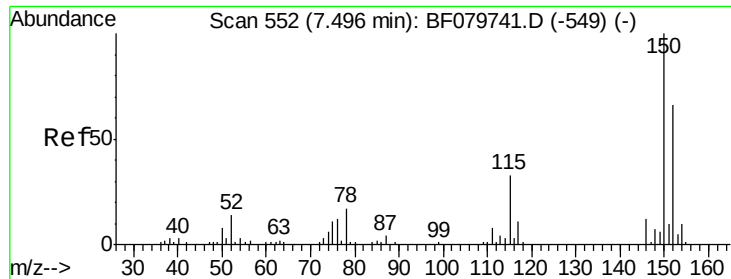
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF079806.D

Acq: 7 Jun 2015 11:03

Instrument :

BNA_F

ClientSampleId :

BE-6

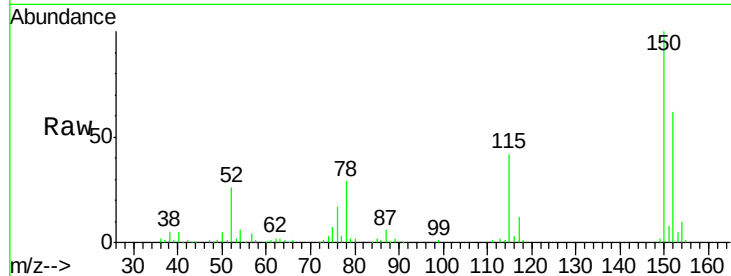
Tgt Ion:152 Resp: 64097

Ion Ratio Lower Upper

152 100

150 161.9 128.1 192.1

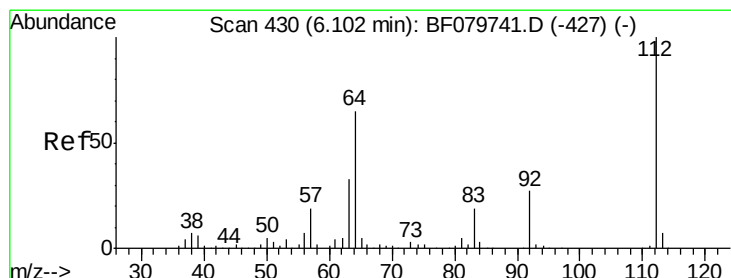
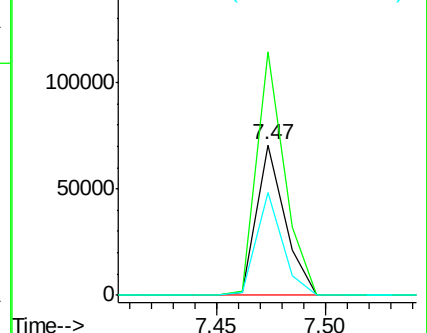
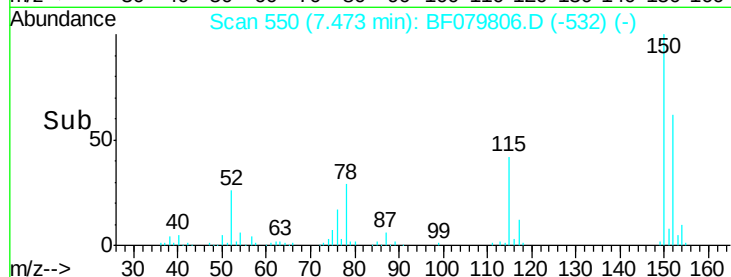
115 68.2 49.7 74.5



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: 117.12 ng

RT: 6.09 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF079806.D

Acq: 7 Jun 2015 11:03

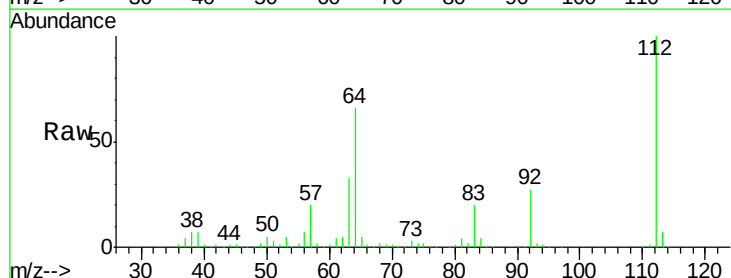
Tgt Ion:112 Resp: 447892

Ion Ratio Lower Upper

112 100

64 65.9 49.6 74.4

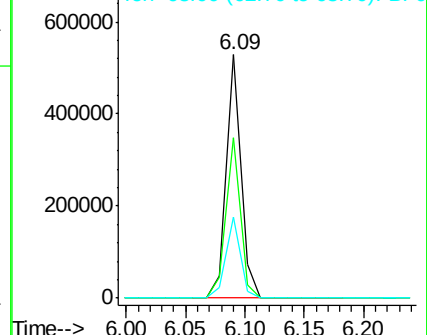
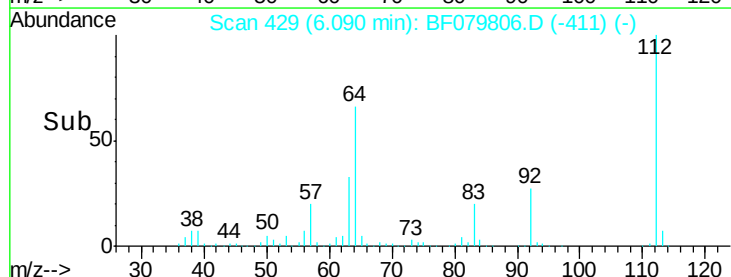
63 33.4 24.9 37.3

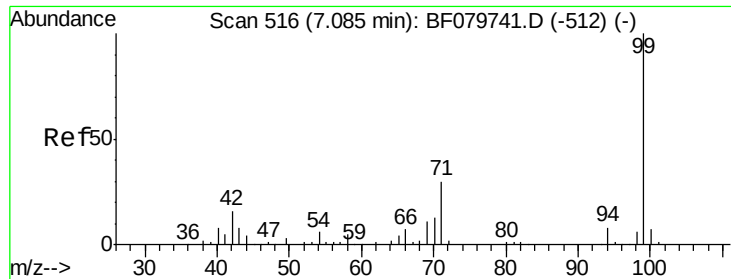


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.54 ng

RT: 7.07 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF079806.D

Acq: 7 Jun 2015 11:03

Instrument :

BNA_F

ClientSampleId :

BE-6

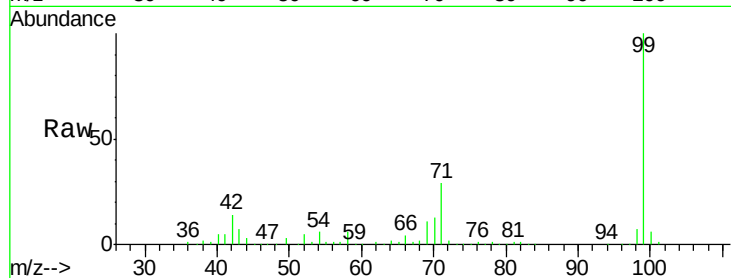
Tgt Ion: 99 Resp: 541048

Ion Ratio Lower Upper

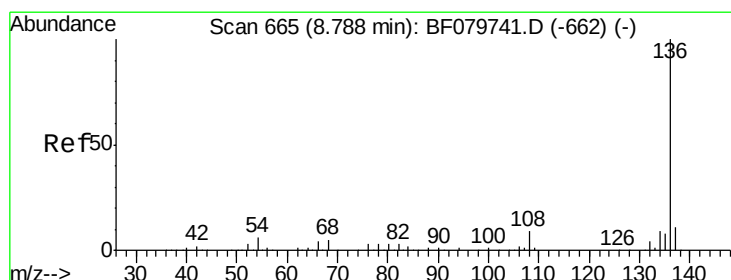
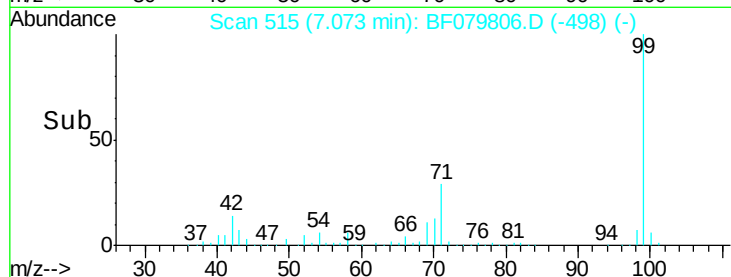
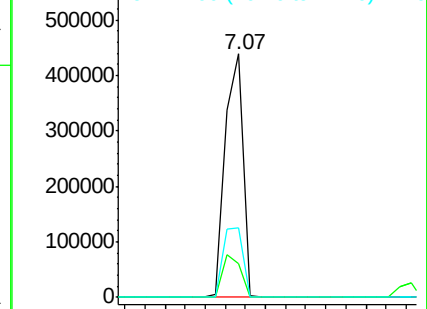
99 100

42 14.0 18.0 27.0#

71 28.6 28.4 42.6



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: 8.76 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF079806.D

Acq: 7 Jun 2015 11:03

Tgt Ion: 136 Resp: 255152

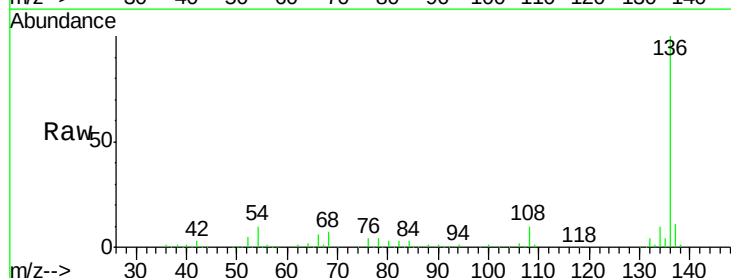
Ion Ratio Lower Upper

136 100

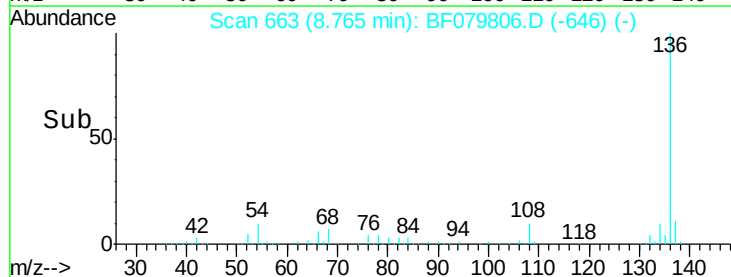
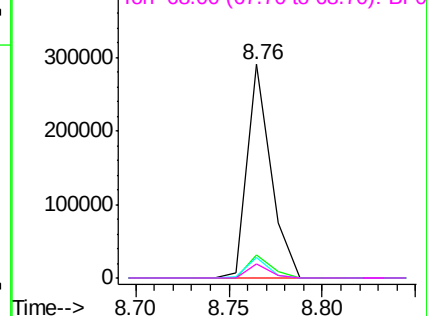
137 11.0 8.8 13.2

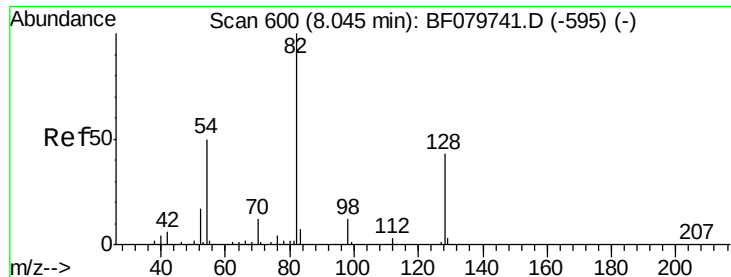
54 9.9 8.7 13.1

68 6.9 5.8 8.8



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

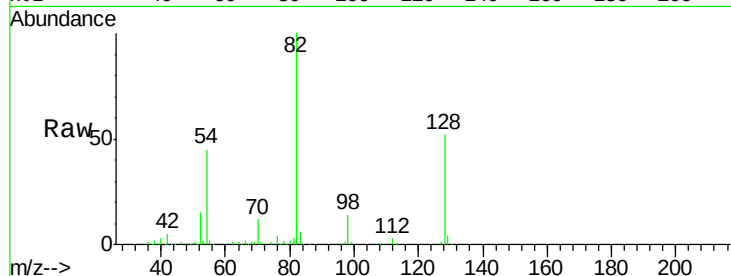




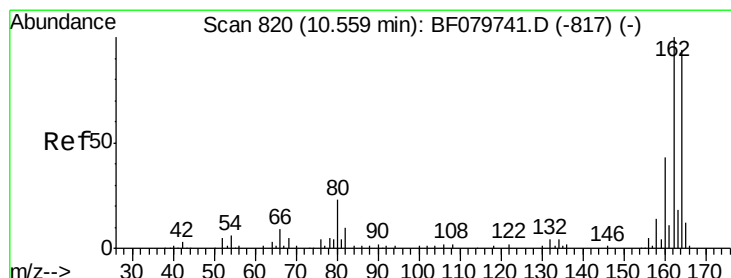
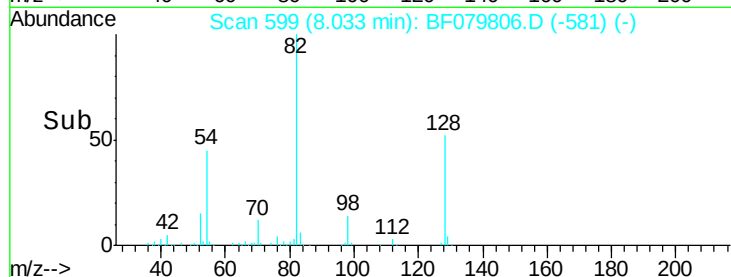
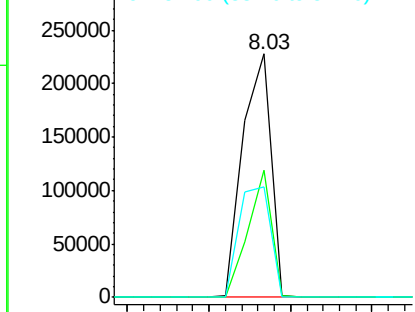
#23
 Nitrobenzene-d5
 Concen: 65.57 ng
 RT: 8.03 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF079806.D
 Acq: 7 Jun 2015 11:03

Instrument :
 BNA_F
 ClientSampleId :
 BE-6

Tgt Ion: 82 Resp: 272512
 Ion Ratio Lower Upper
 82 100
 128 52.2 37.6 56.4
 54 45.3 39.4 59.2

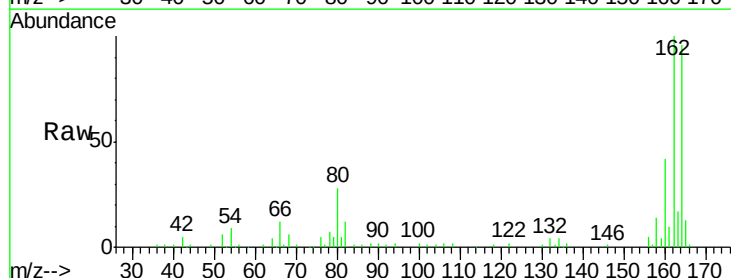


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

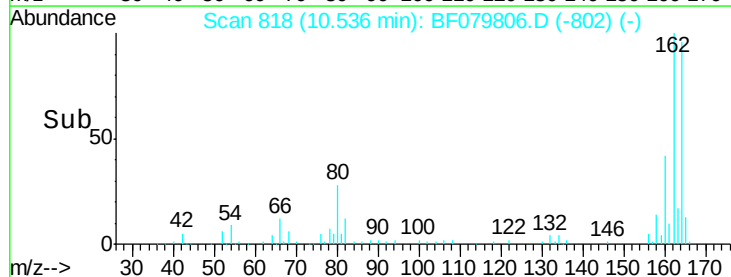
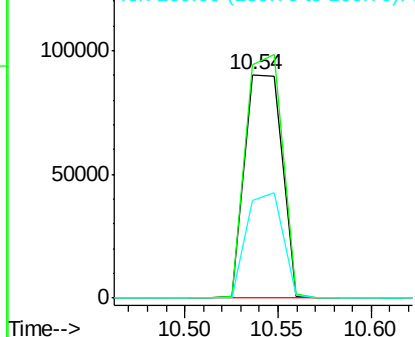


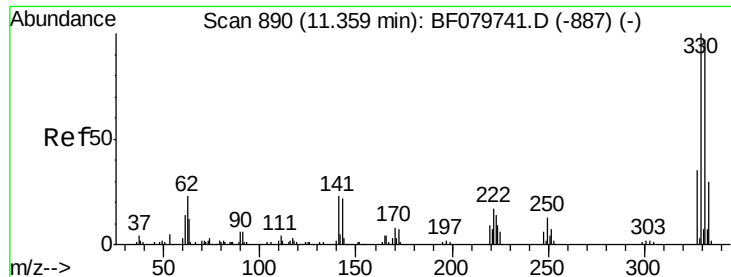
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.54 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF079806.D
 Acq: 7 Jun 2015 11:03

Tgt Ion: 164 Resp: 124309
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.6 123.8
 160 43.8 36.8 55.2



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

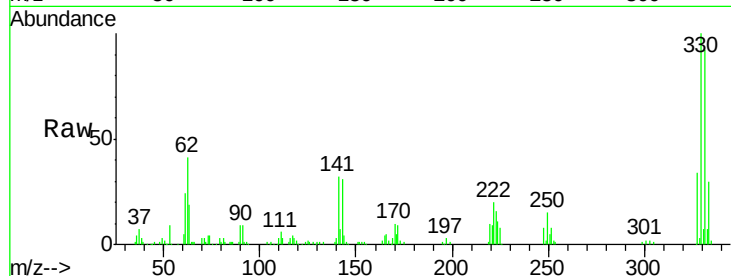




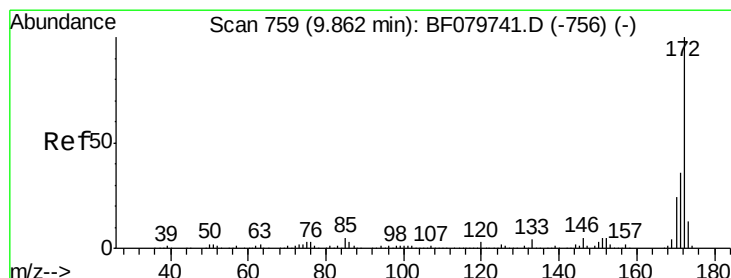
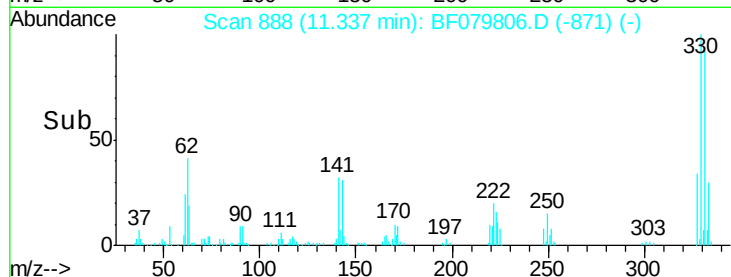
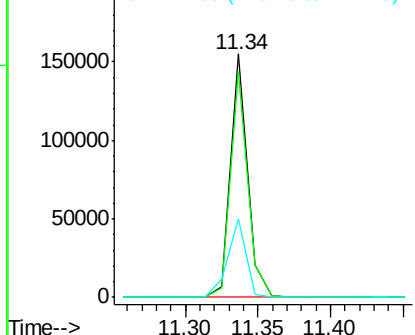
#41
 2,4,6-Tribromophenol
 Concen: 106.26 ng
 RT: 11.34 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF079806.D
 Acq: 7 Jun 2015 11:03

Instrument :
 BNA_F
 ClientSampleId :
 BE-6

Tgt Ion:330 Resp: 126335
 Ion Ratio Lower Upper
 330 100
 332 93.0 77.4 116.0
 141 34.5 30.2 45.2

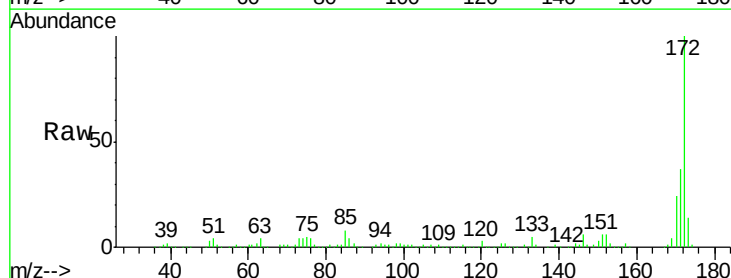


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

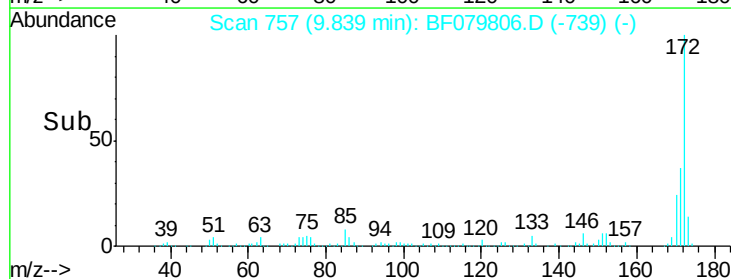
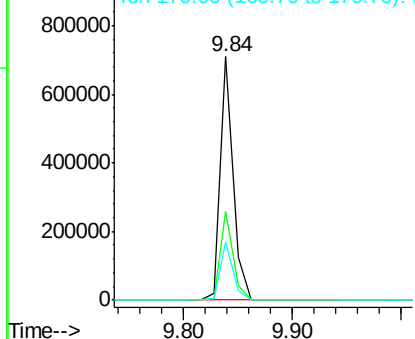


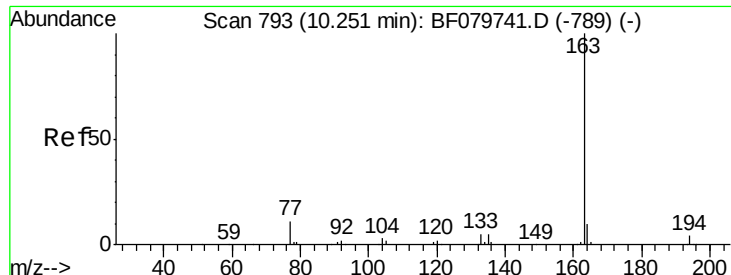
#44
 2-Fluorobiphenyl
 Concen: 64.20 ng
 RT: 9.84 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF079806.D
 Acq: 7 Jun 2015 11:03

Tgt Ion:172 Resp: 589050
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.1 19.7 29.5



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

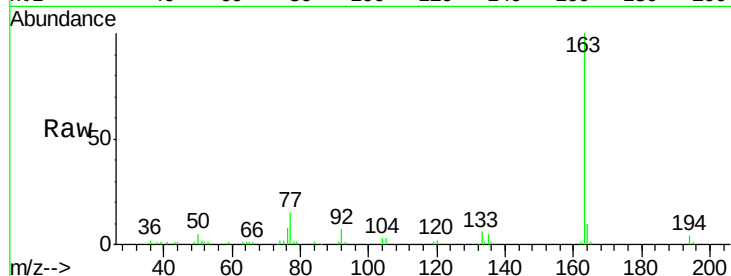




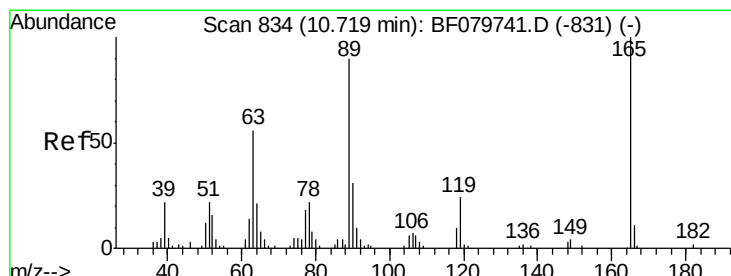
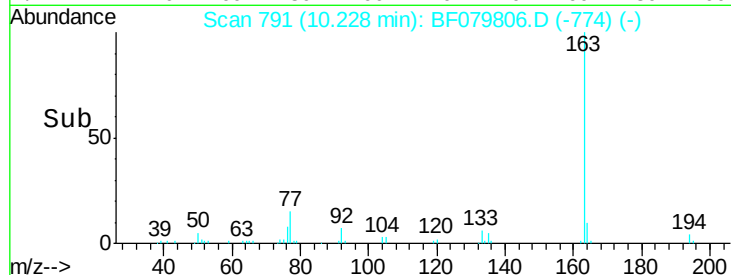
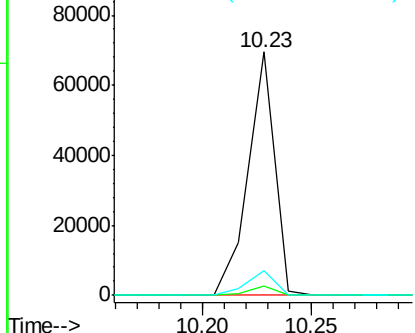
#49
Dimethylphthalate
Concen: 6.16 ng
RT: 10.23 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF079806.D
Acq: 7 Jun 2015 11:03

Instrument :
BNA_F
ClientSampleId :
BE-6

Tgt Ion:163 Resp: 58964
Ion Ratio Lower Upper
163 100
194 4.0 2.6 3.8#
164 10.4 8.5 12.7

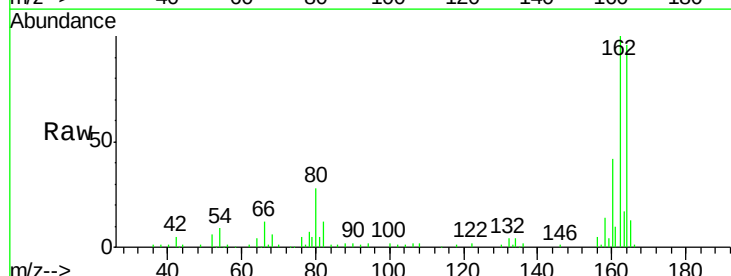


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

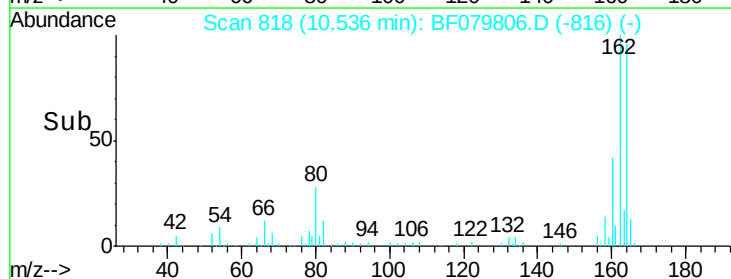
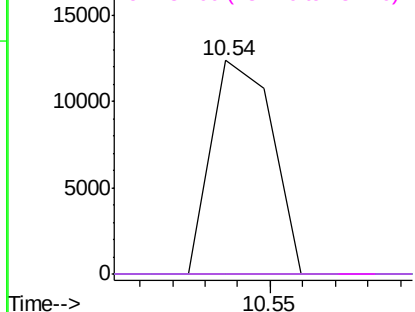


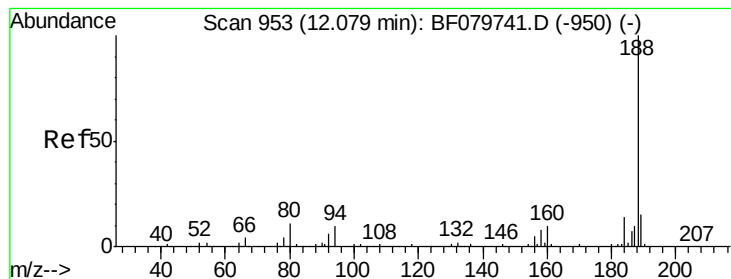
#56
2,4-Dinitrotoluene
Concen: 11.42 ng
RT: 10.54 min Scan# 818
Delta R.T. -0.17 min
Lab File: BF079806.D
Acq: 7 Jun 2015 11:03

Tgt Ion:165 Resp: 15848
Ion Ratio Lower Upper
165 100
63 0.0 24.7 37.1#
89 0.0 45.7 68.5#
182 0.0 1.8 2.8#



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: 12.06 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF079806.D

Acq: 7 Jun 2015 11:03

Instrument :

BNA_F

ClientSampleId :

BE-6

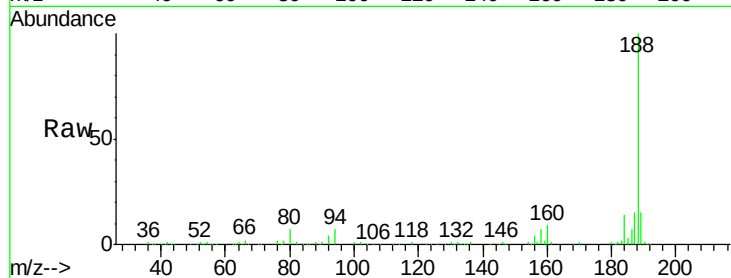
Tgt Ion:188 Resp: 262549

Ion Ratio Lower Upper

188 100

94 6.7 5.0 7.4

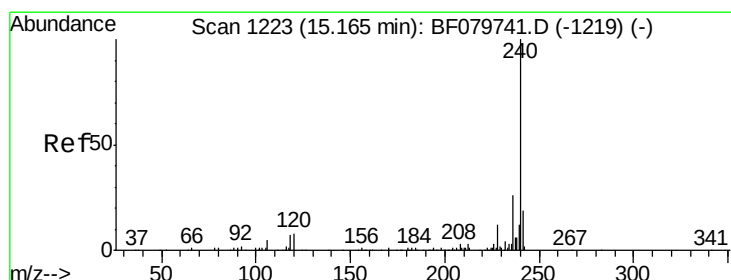
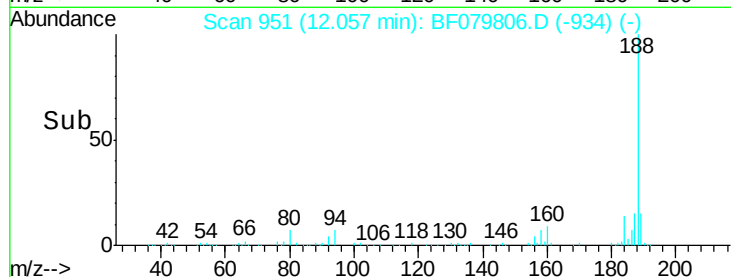
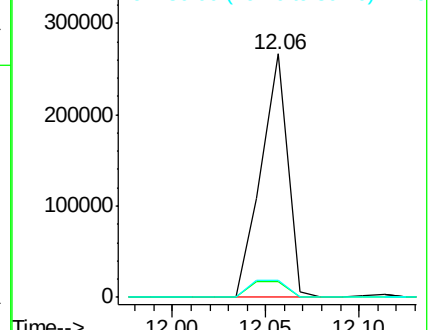
80 7.0 5.3 7.9



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: 15.03 min Scan# 1211

Delta R.T. 0.05 min

Lab File: BF079806.D

Acq: 7 Jun 2015 11:03

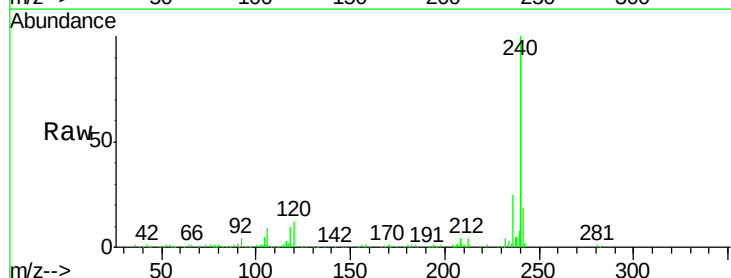
Tgt Ion:240 Resp: 265621

Ion Ratio Lower Upper

240 100

120 11.9 6.2 9.2#

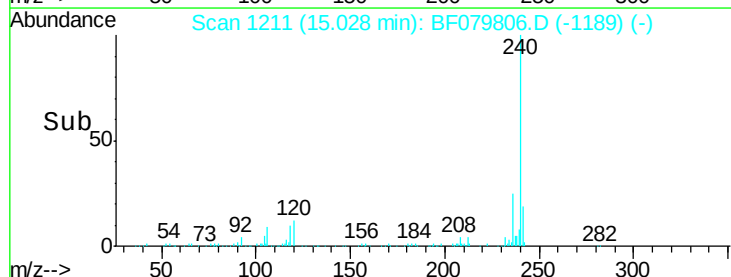
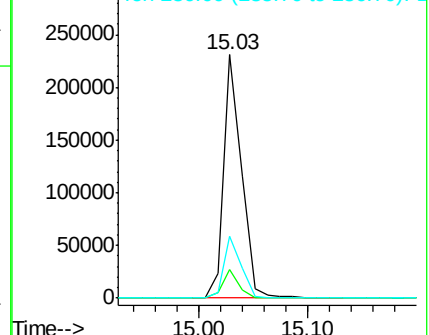
236 25.4 21.0 31.4

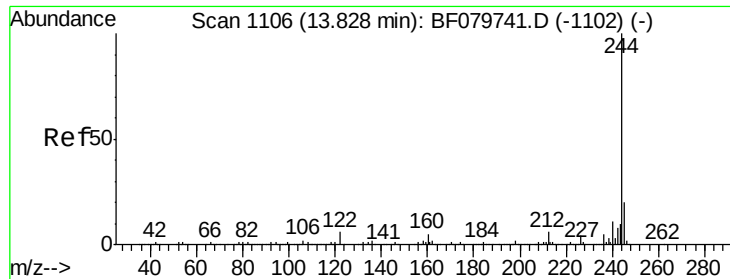


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 62.34 ng

RT: 13.75 min Scan# 1099

Delta R.T. 0.02 min

Lab File: BF079806.D

Acq: 7 Jun 2015 11:03

Instrument :

BNA_F

ClientSampled :

BE-6

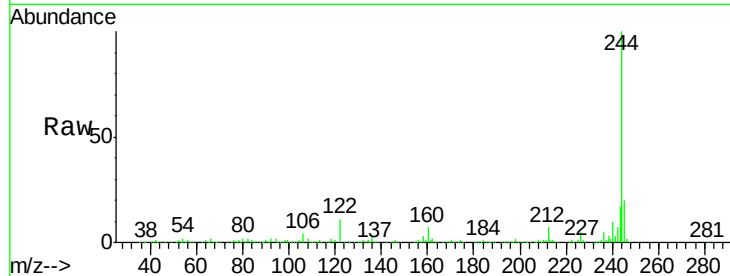
Tgt Ion:244 Resp: 722953

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

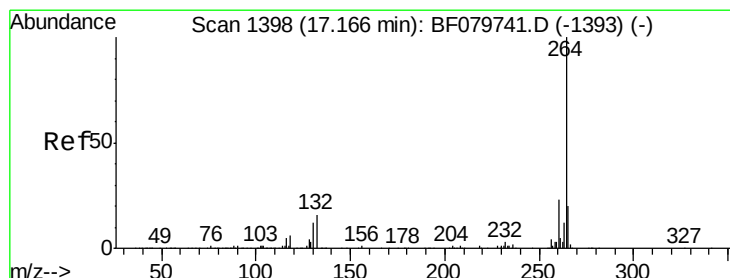
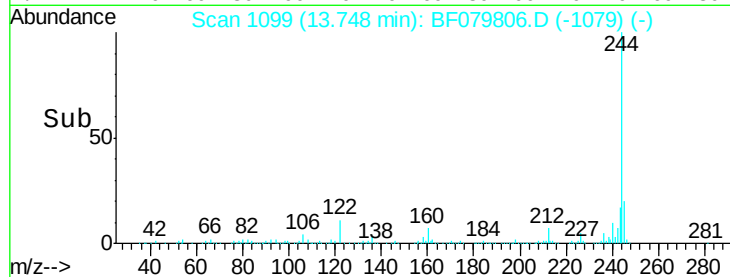
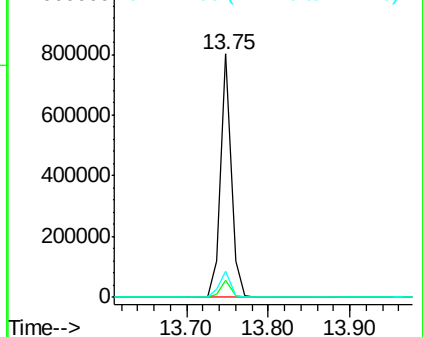
122 10.9 9.3 13.9



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.97 min Scan# 1381

Delta R.T. 0.07 min

Lab File: BF079806.D

Acq: 7 Jun 2015 11:03

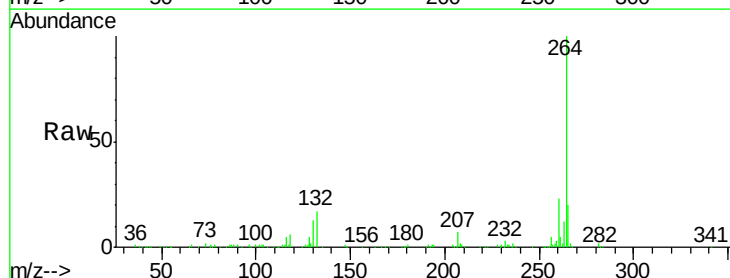
Tgt Ion:264 Resp: 235160

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 20.3 18.2 27.4



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

