

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
 Data File : BF079594.D
 Acq On : 30 May 2015 9:28
 Operator : TP/IZ
 Sample : G2416-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMPTP-PEN4.1(5)

Quant Time: May 31 05:31:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 17:35:14 2015
 Response via : Initial Calibration

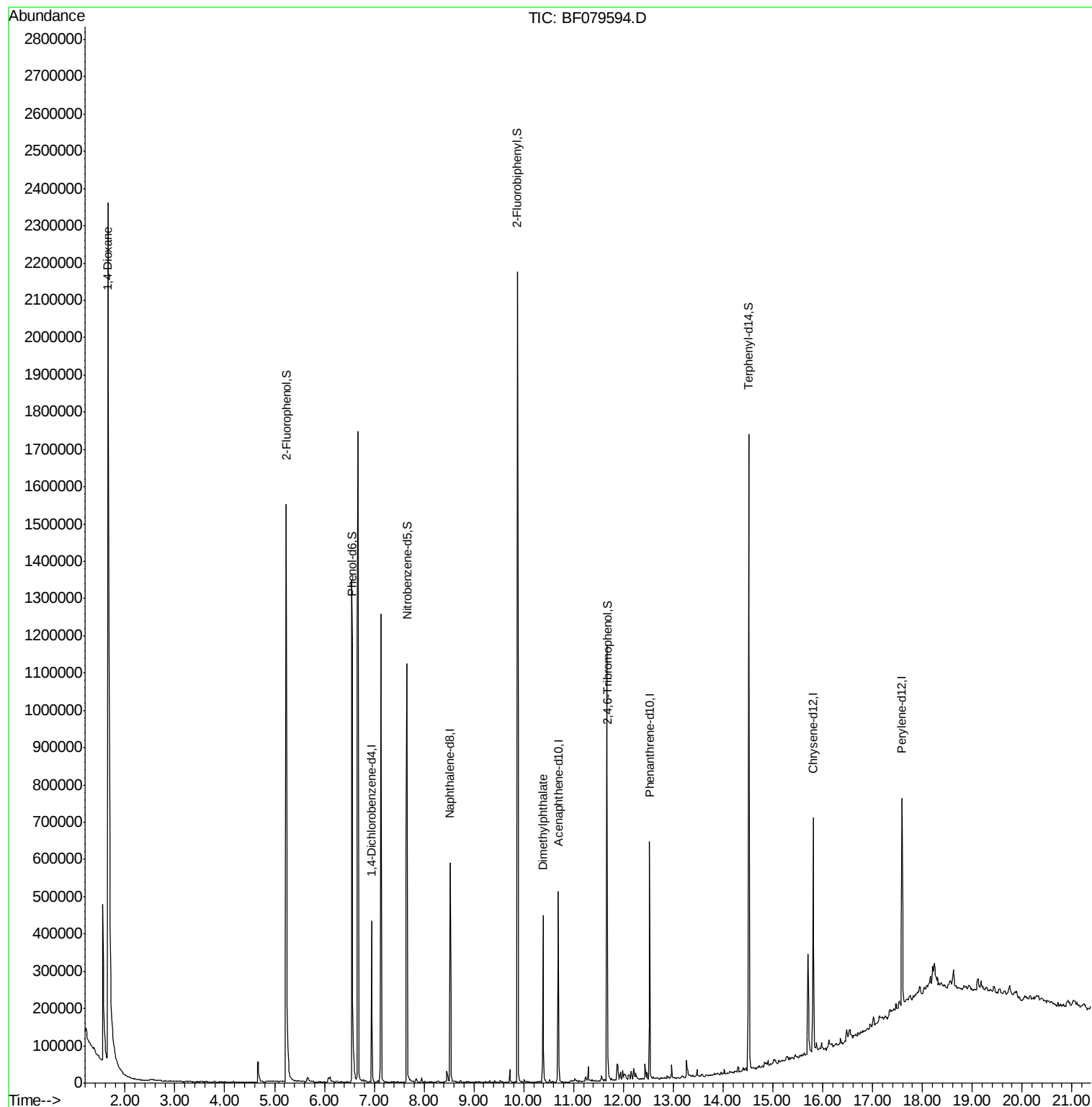
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	75765	20.00	ng	-0.01
21) Naphthalene-d8	8.52	136	299996	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	133415	20.00	ng	-0.01
63) Phenanthrene-d10	12.52	188	249534	20.00	ng	-0.01
75) Chrysene-d12	15.81	240	261033	20.00	ng	-0.03
86) Perylene-d12	17.59	264	274310	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	610445	139.75	ng	0.00
7) Phenol-d6	6.56	99	786159	141.20	ng	0.00
23) Nitrobenzene-d5	7.66	82	450645	86.83	ng	-0.01
41) 2,4,6-Tribromophenol	11.68	330	205121	139.98	ng	-0.01
44) 2-Fluorobiphenyl	9.87	172	773219	82.68	ng	-0.01
78) Terphenyl-d14	14.51	244	757384	68.09	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.66	88	126106	60.69	ng	# 100
9) Benzaldehyde	6.55	77	972	Below Cal	#	1
49) Dimethylphthalate	10.39	163	188976	19.22	ng	99
73) Di-n-butylphthalate	13.29	149	1852	Below Cal	#	78
89) Benzo(a)pyrene	17.53	252	6616	Below Cal	#	55
90) Dibenzo(a,h)anthracene	18.93	278	4030	Below Cal	#	30
91) Benzo(g,h,i)perylene	19.29	276	7875	Below Cal	#	83

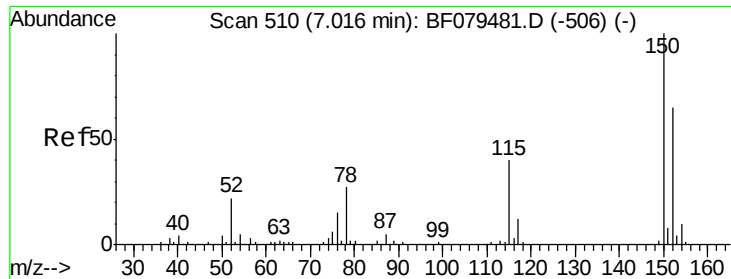
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF079594.D

Acq: 30 May 2015 9:28

Instrument :

BNA_F

ClientSampleId :

RAMPTP-PEN4.1(5)

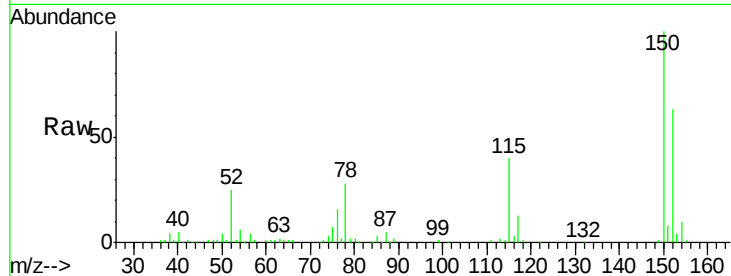
Tgt Ion:152 Resp: 75765

Ion Ratio Lower Upper

152 100

150 159.2 124.0 186.0

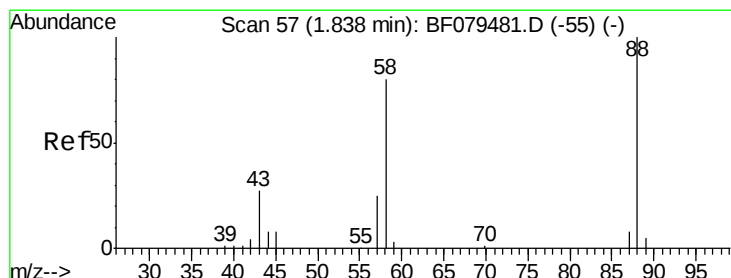
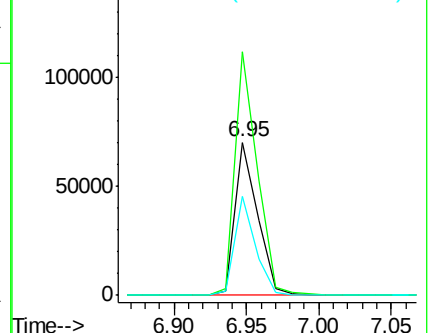
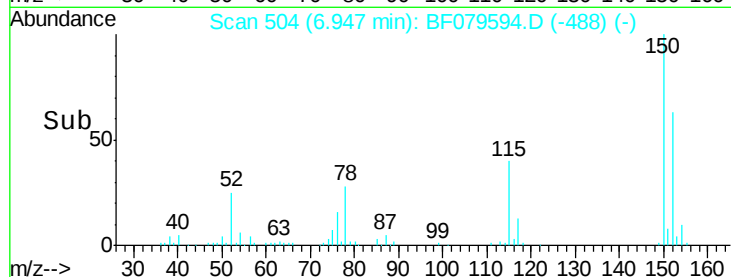
115 64.5 49.6 74.4



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



#2

1,4-Dioxane

Concen: 60.69 ng

RT: 1.66 min Scan# 41

Delta R.T. -0.11 min

Lab File: BF079594.D

Acq: 30 May 2015 9:28

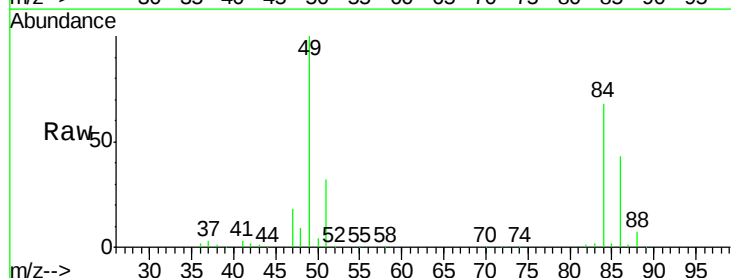
Tgt Ion: 88 Resp: 126106

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

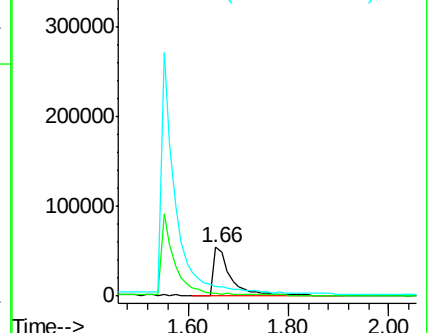
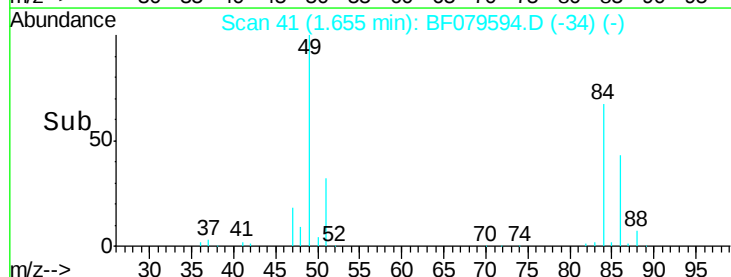
43 0.0 0.0 0.0

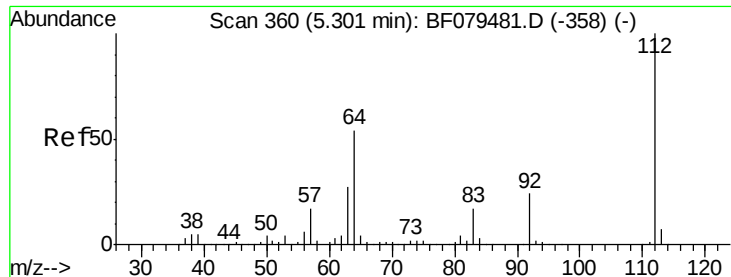


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 139.75 ng

RT: 5.23 min Scan# 354

Delta R.T. 0.00 min

Lab File: BF079594.D

Acq: 30 May 2015 9:28

Instrument :

BNA_F

ClientSampleId :

RAMPTP-PEN4.1(5)

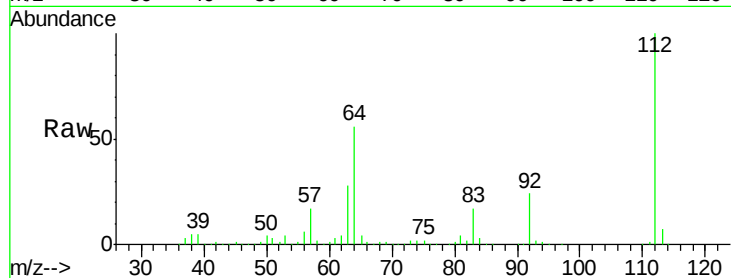
Tgt Ion: 112 Resp: 610445

Ion Ratio Lower Upper

112 100

64 55.6 43.5 65.3

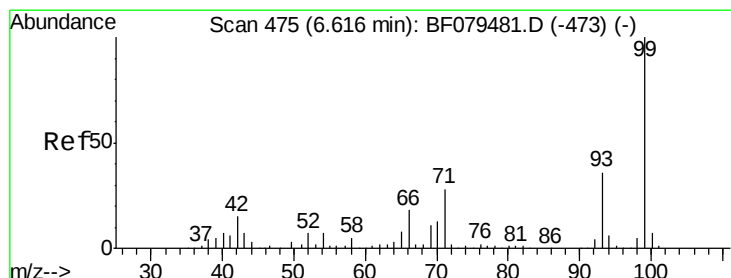
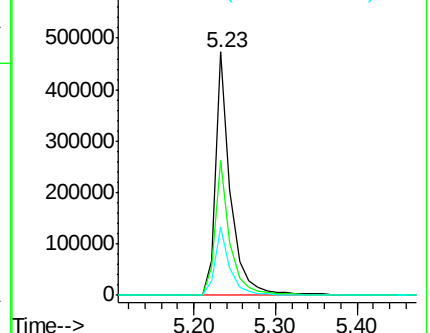
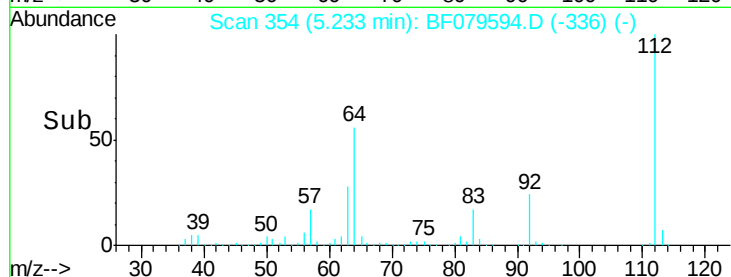
63 28.0 21.8 32.8



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: 141.20 ng

RT: 6.56 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF079594.D

Acq: 30 May 2015 9:28

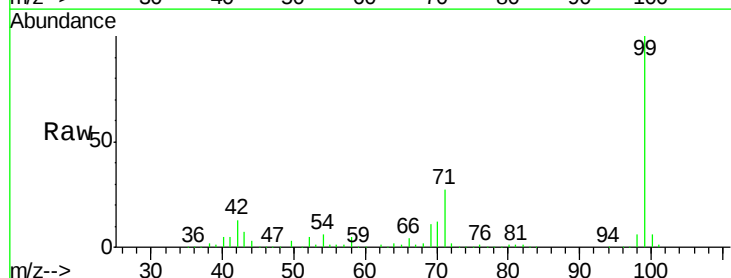
Tgt Ion: 99 Resp: 786159

Ion Ratio Lower Upper

99 100

42 13.5 11.9 17.9

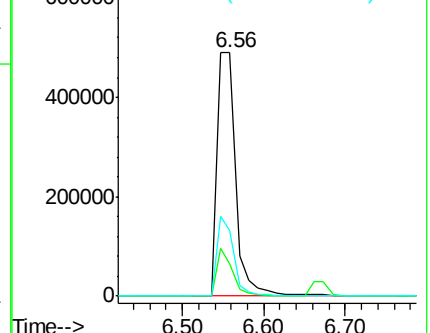
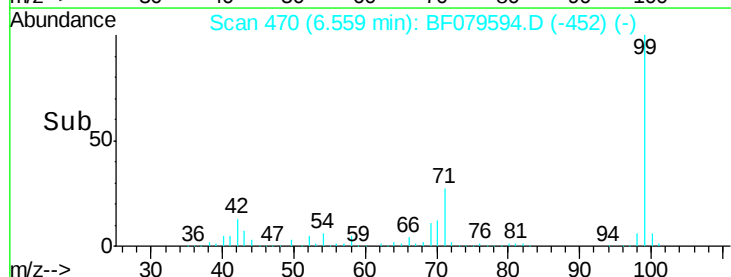
71 26.9 22.1 33.1



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

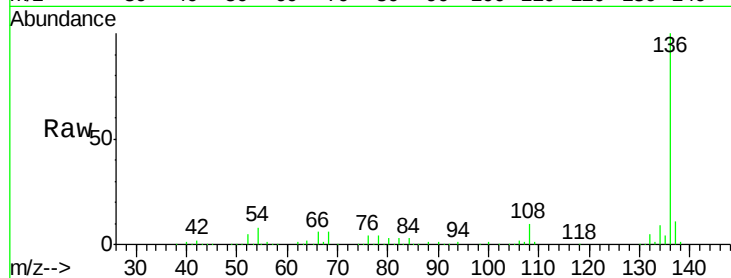




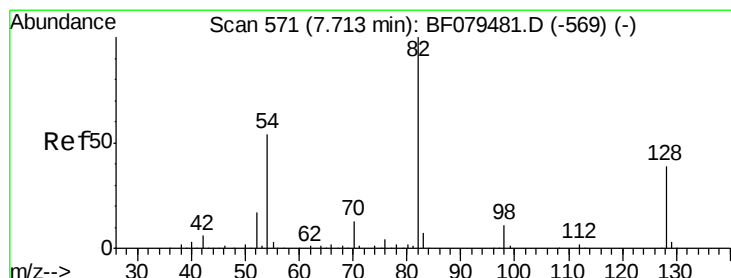
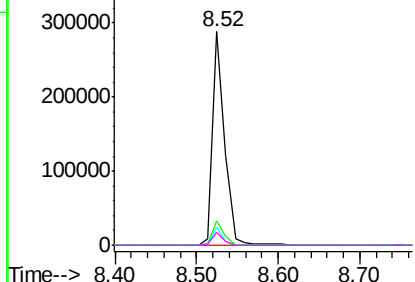
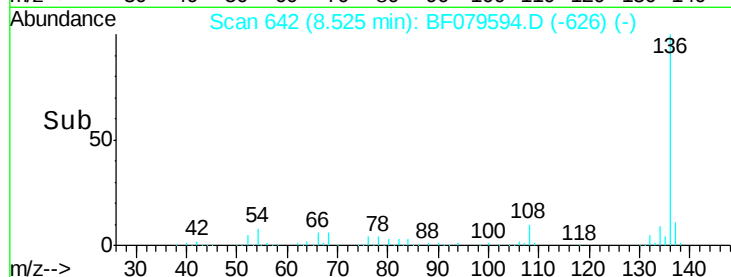
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF079594.D
Acq: 30 May 2015 9:28

Instrument :
BNA_F
ClientSampleId :
RAMPTP-PEN4.1(5)

Tgt Ion:	136	Resp:	299996
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	8.4	6.6	9.8
68	6.3	4.7	7.1

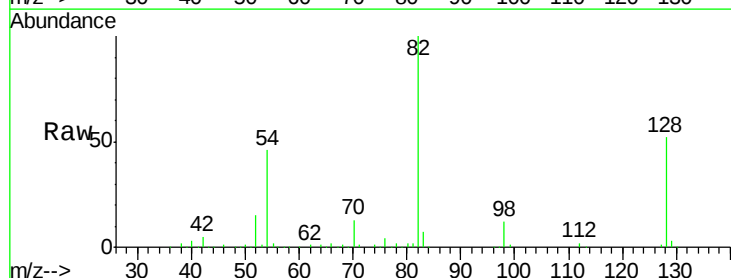


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

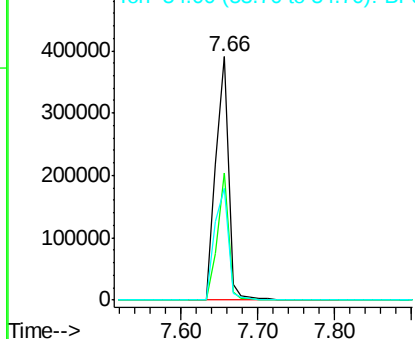
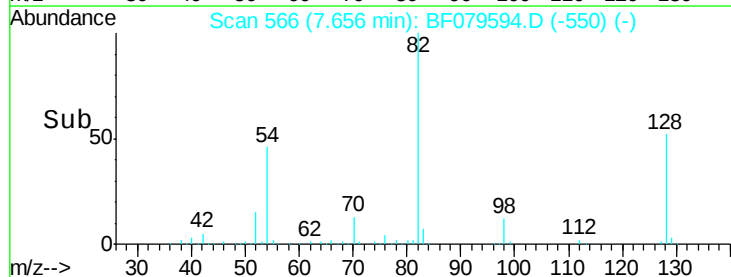


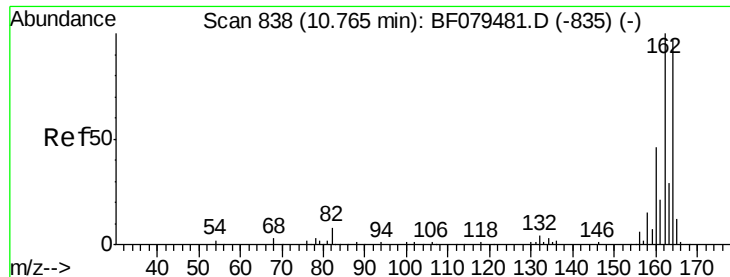
#23
Nitrobenzene-d5
Concen: 86.83 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF079594.D
Acq: 30 May 2015 9:28

Tgt Ion:	82	Resp:	450645
Ion	Ratio	Lower	Upper
82	100		
128	52.1	30.8	46.2#
54	46.1	42.8	64.2



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: 10.70 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF079594.D

Acq: 30 May 2015 9:28

Instrument :

BNA_F

ClientSampleId :

RAMPTP-PEN4.1(5)

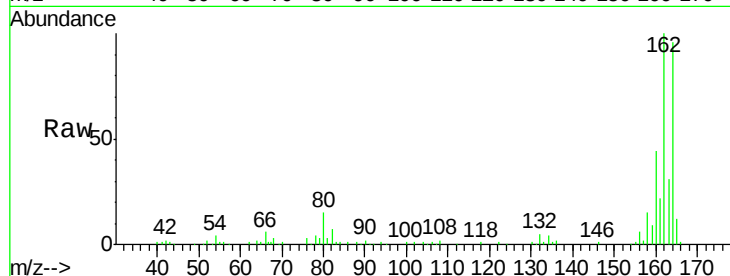
Tgt Ion:164 Resp: 133415

Ion Ratio Lower Upper

164 100

162 104.0 82.6 124.0

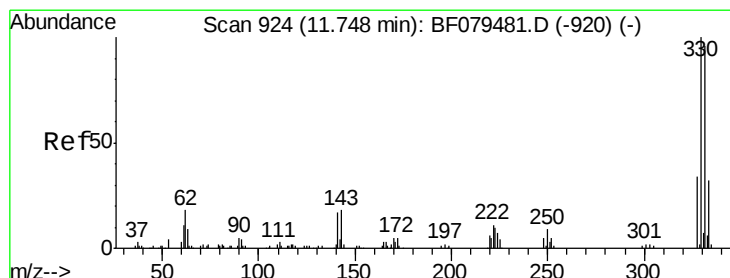
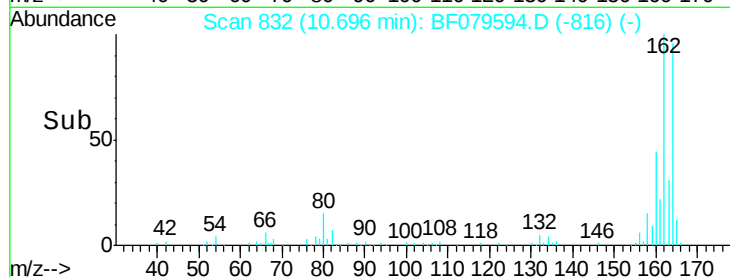
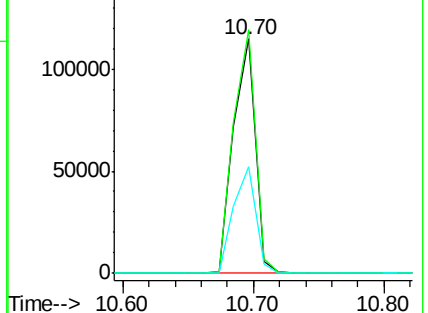
160 45.8 37.7 56.5



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: 139.98 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF079594.D

Acq: 30 May 2015 9:28

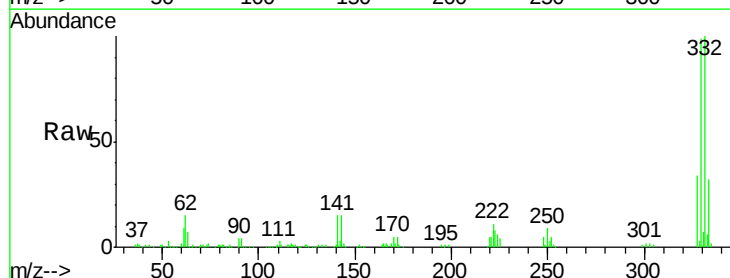
Tgt Ion:330 Resp: 205121

Ion Ratio Lower Upper

330 100

332 99.5 0.0 0.0#

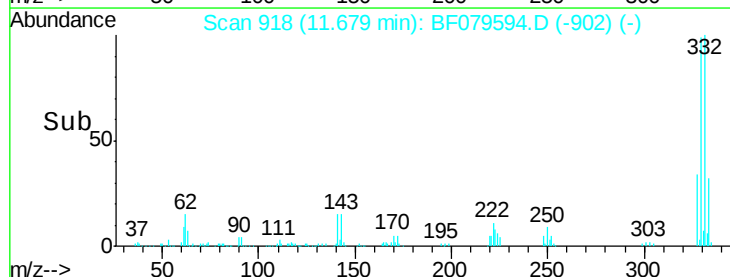
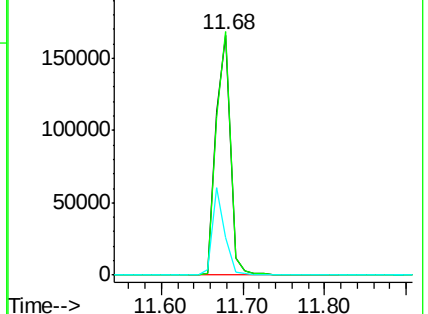
141 31.5 0.0 0.0#

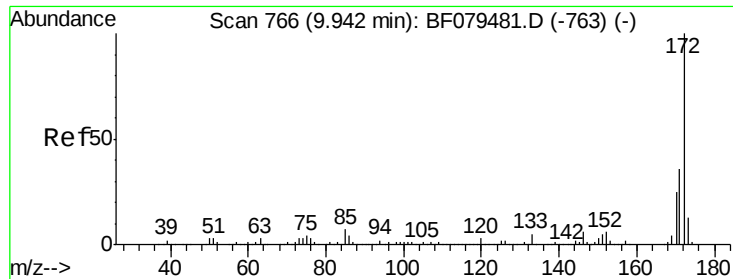


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

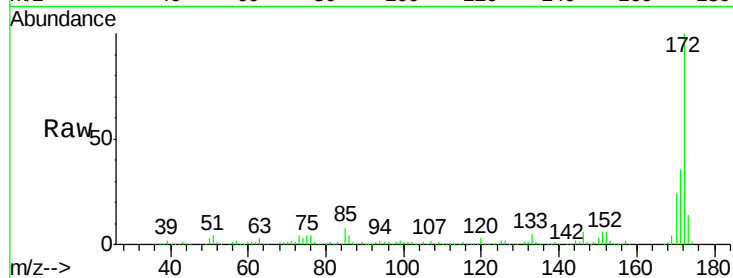




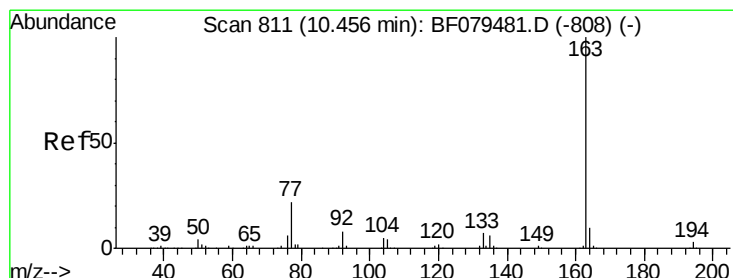
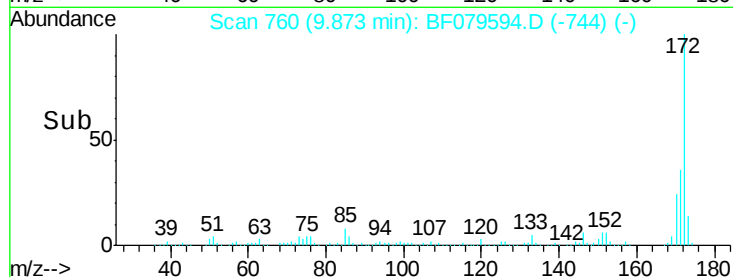
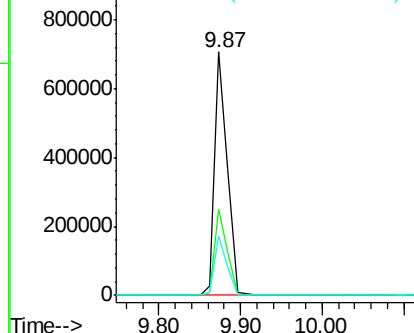
#44
 2-Fluorobiphenyl
 Concen: 82.68 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079594.D
 Acq: 30 May 2015 9:28

Instrument :
 BNA_F
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 RAMPTP-PEN4.1(5)

Tgt Ion:172 Resp: 773219
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 24.2 19.7 29.5

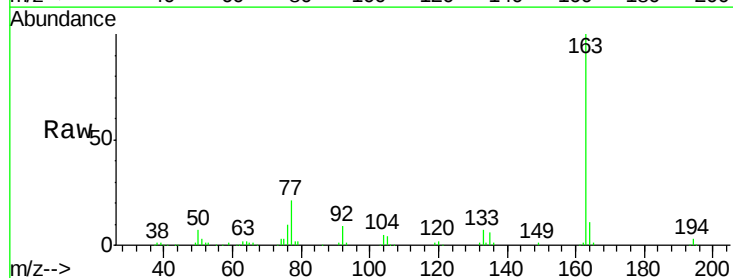


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

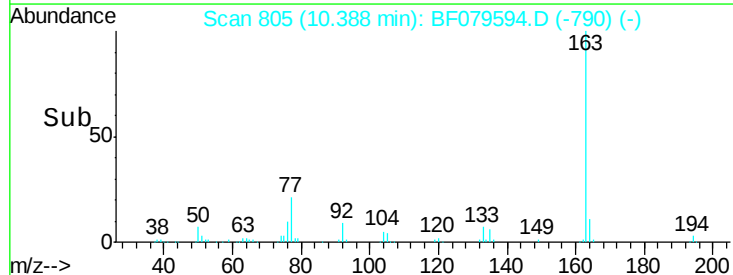
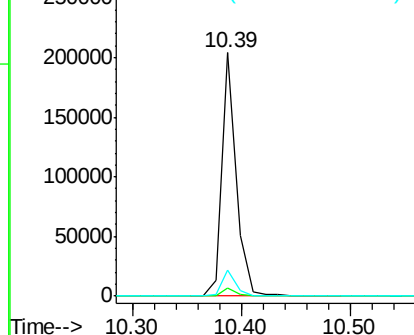


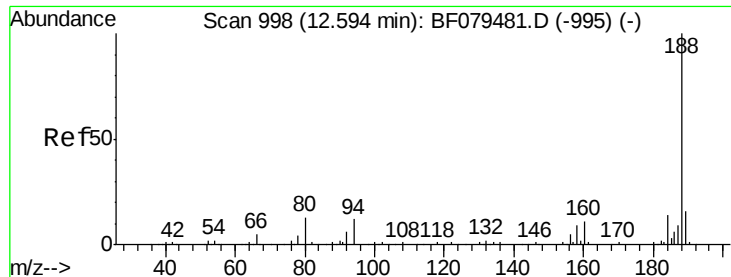
#49
 Dimethylphthalate
 Concen: 19.22 ng
 RT: 10.39 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF079594.D
 Acq: 30 May 2015 9:28

Tgt Ion:163 Resp: 188976
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.4 3.6
 164 10.7 8.2 12.4



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

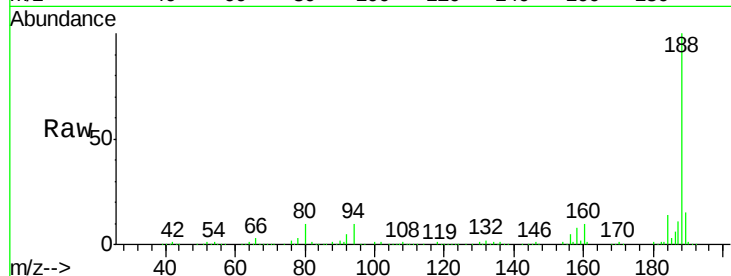




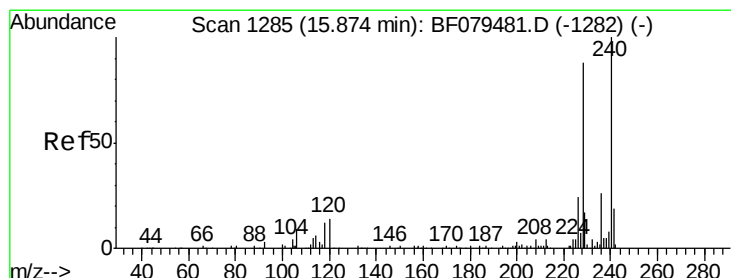
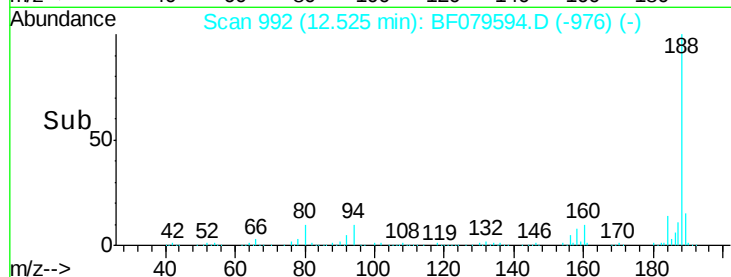
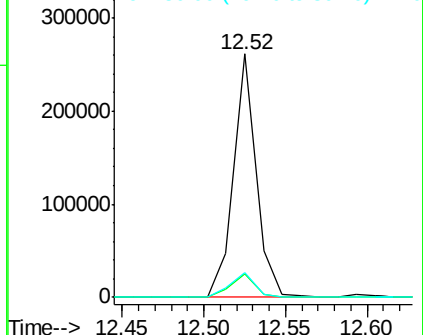
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.52 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF079594.D
Acq: 30 May 2015 9:28

Instrument :
BNA_F
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RAMPTP-PEN4.1(5)

Tgt Ion:188 Resp: 249534
Ion Ratio Lower Upper
188 100
94 9.6 9.8 14.6#
80 10.0 10.5 15.7#

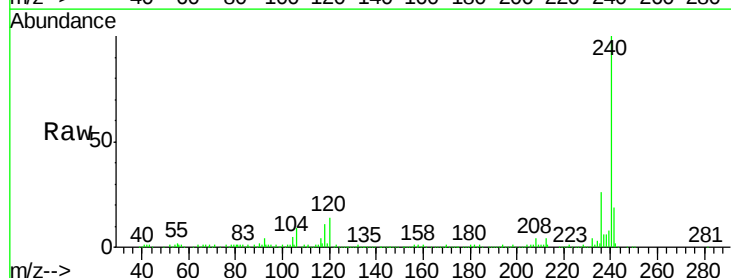


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

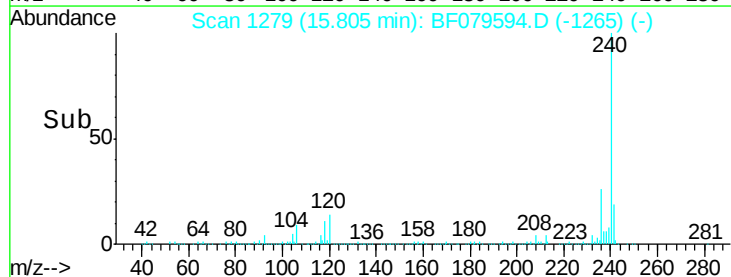
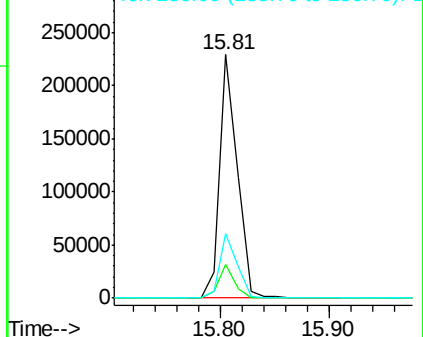


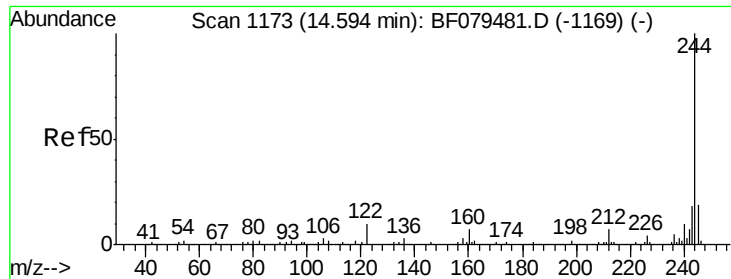
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.81 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BF079594.D
Acq: 30 May 2015 9:28

Tgt Ion:240 Resp: 261033
Ion Ratio Lower Upper
240 100
120 13.9 10.8 16.2
236 26.3 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

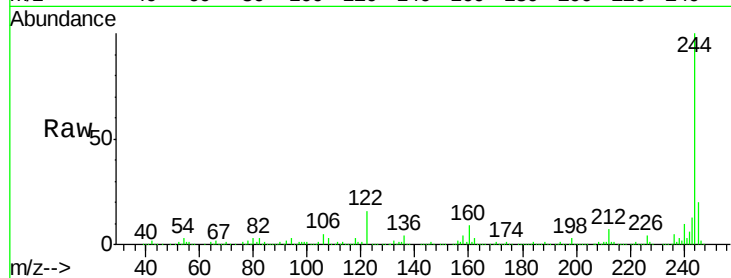




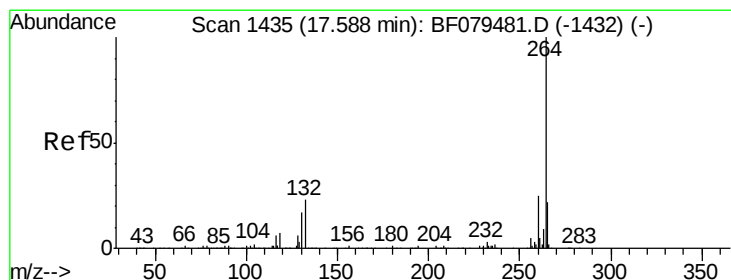
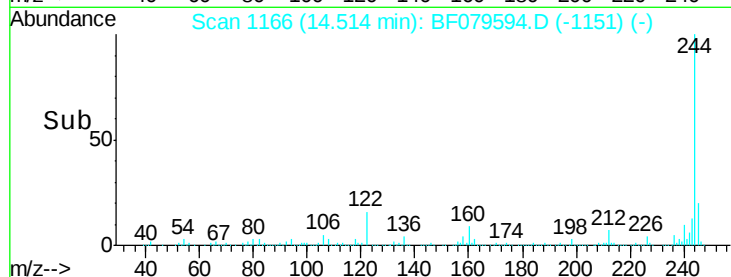
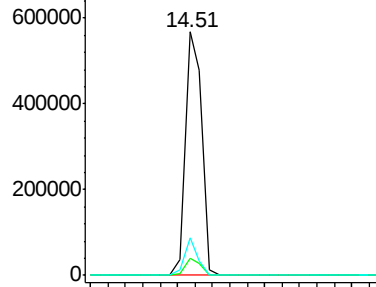
#78
 Terphenyl-d14
 Concen: 68.09 ng
 RT: 14.51 min Scan# 1166
 Delta R.T. -0.02 min
 Lab File: BF079594.D
 Acq: 30 May 2015 9:28

Instrument :
 BNA_F
 ClientSampleId :
 RAMPTP-PEN4.1(5)

Tgt Ion: 244 Resp: 757384
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.2 7.8
 122 15.6 8.0 12.0#

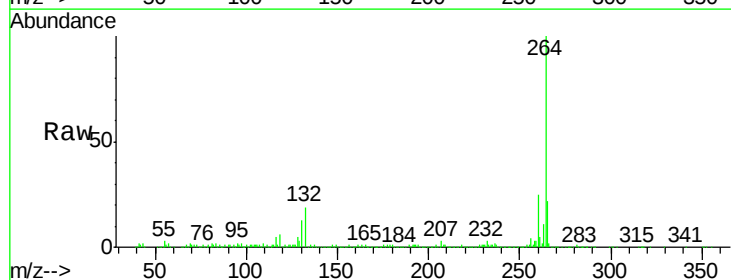


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.59 min Scan# 1435
 Delta R.T. -0.08 min
 Lab File: BF079594.D
 Acq: 30 May 2015 9:28

Tgt Ion: 264 Resp: 274310
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.8 29.8
 265 22.1 17.8 26.6



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

