

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079075.D
 Acq On : 9 May 2015 10:54
 Operator : TP/IZ
 Sample : G2151-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-17-8.5

Quant Time: May 11 01:40:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 00:37:37 2015
 Response via : Initial Calibration

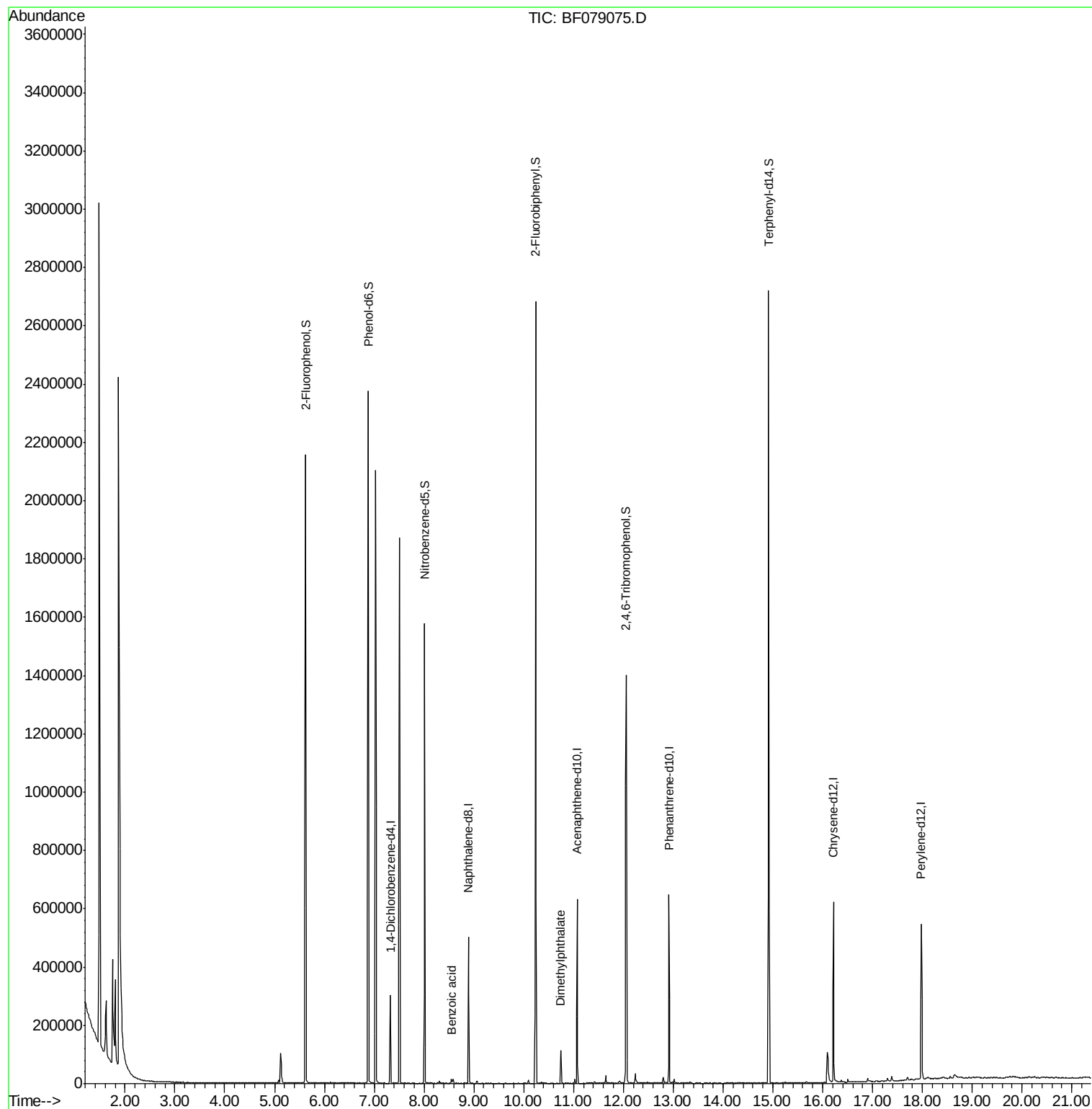
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	69811	20.00	ng	0.00
21) Naphthalene-d8	8.89	136	283655	20.00	ng	-0.01
38) Acenaphthene-d10	11.07	164	138687	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	267953	20.00	ng	0.00
75) Chrysene-d12	16.22	240	263803	20.00	ng	0.00
86) Perylene-d12	17.98	264	252462	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	629420	155.20	ng	0.00
7) Phenol-d6	6.88	99	810659	151.22	ng	0.00
23) Nitrobenzene-d5	8.01	82	474077	96.05	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	237015	157.97	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	837640	84.15	ng	0.00
78) Terphenyl-d14	14.91	244	950912	86.30	ng	0.00
Target Compounds						
32) Benzoic acid	8.55	122	5183	8.08	ng	94
49) Dimethylphthalate	10.74	163	45151	4.44	ng	98

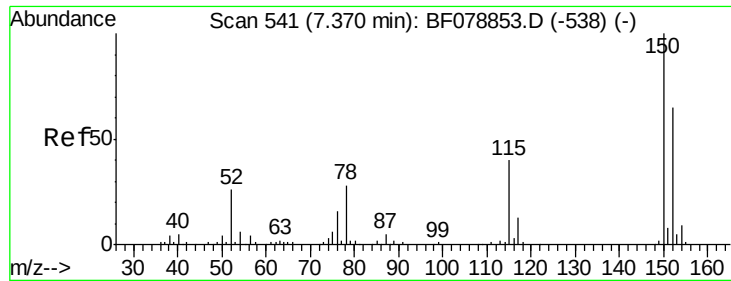
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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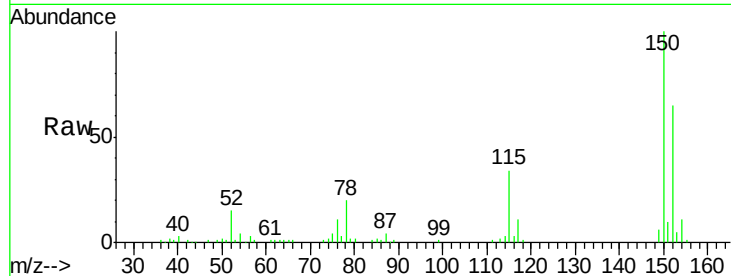


#1

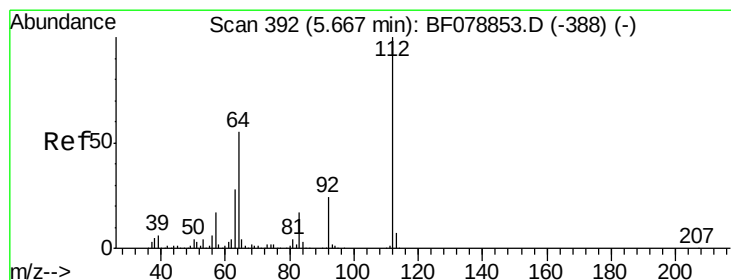
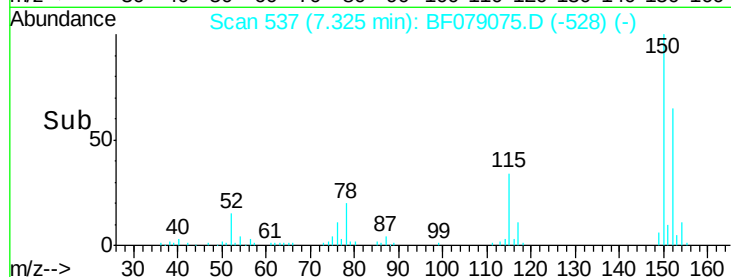
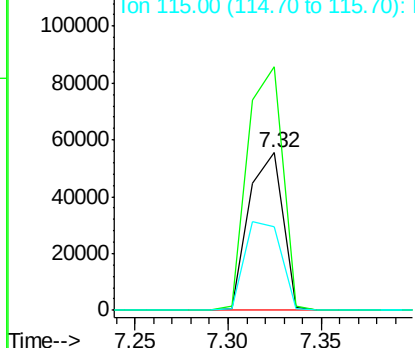
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079075.D
Acq: 9 May 2015 10:54

Instrument :
BNA_F
ClientSampleId :
TU012-SB-17-8.5

Tot Ion:152 Resp: 69811
Ion Ratio Lower Upper
152 100
150 154.8 122.0 183.0
115 53.0 46.3 69.5



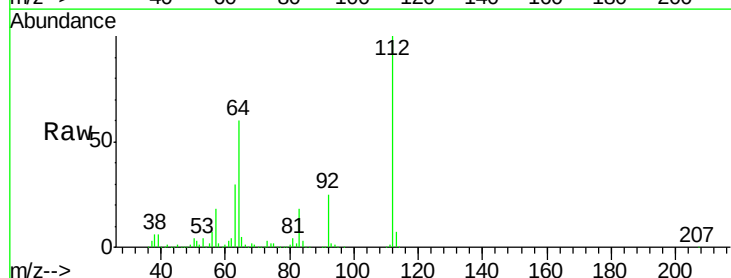
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



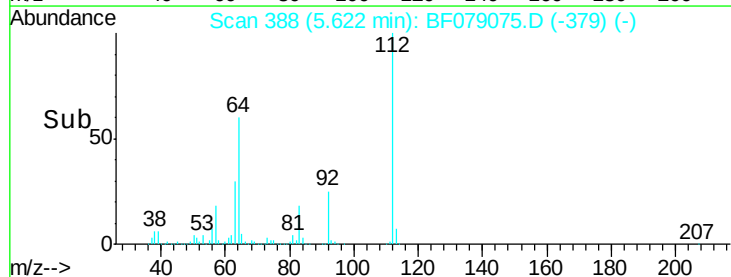
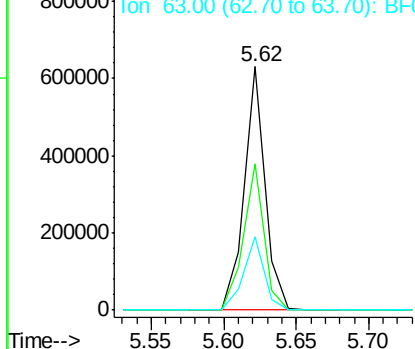
#5

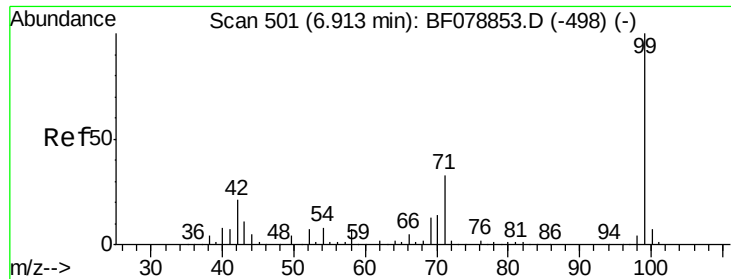
2-Fluorophenol
Concen: 155.20 ng
RT: 5.62 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF079075.D
Acq: 9 May 2015 10:54

Tgt Ion:112 Resp: 629420
Ion Ratio Lower Upper
112 100
64 59.9 53.5 80.3
63 30.1 27.5 41.3



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: 151.22 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF079075.D

Acq: 9 May 2015 10:54

Instrument :

BNA_F

ClientSampleId :

TU012-SB-17-8.5

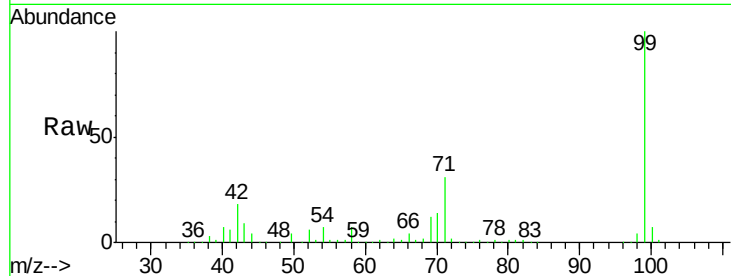
Tot Ion: 99 Resp: 810659

Ion Ratio Lower Upper

99 100

42 18.0 12.8 19.2

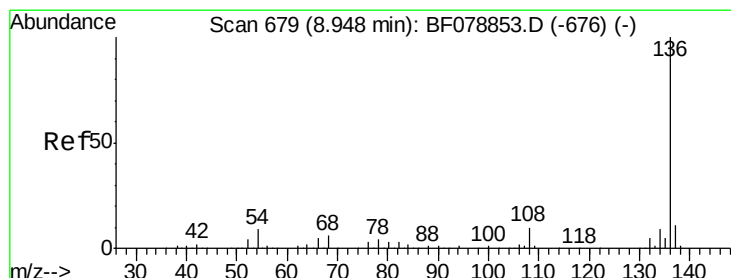
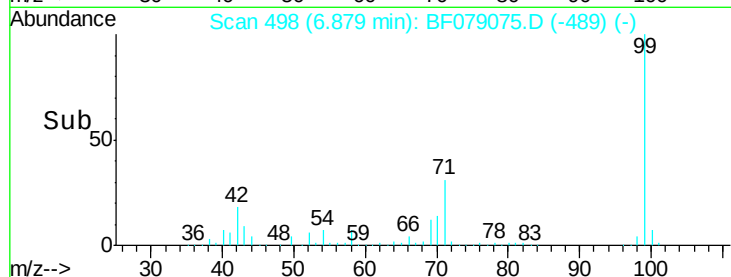
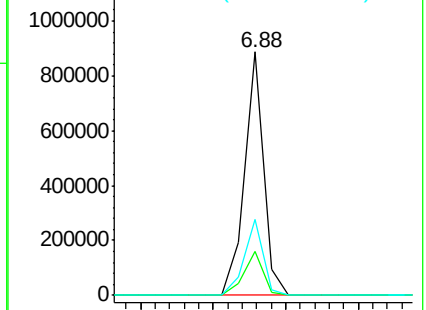
71 31.1 23.4 35.2



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: 8.89 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF079075.D

Acq: 9 May 2015 10:54

Tgt Ion: 136 Resp: 283655

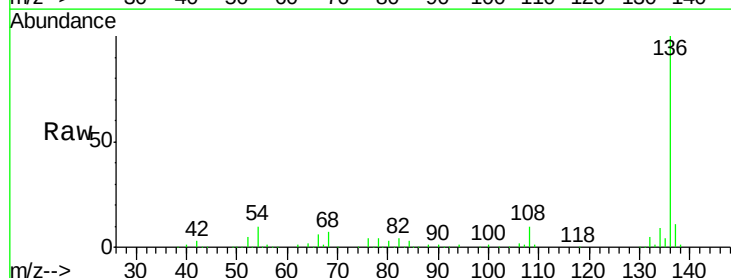
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.8 5.8 8.8#

68 7.1 4.2 6.4#

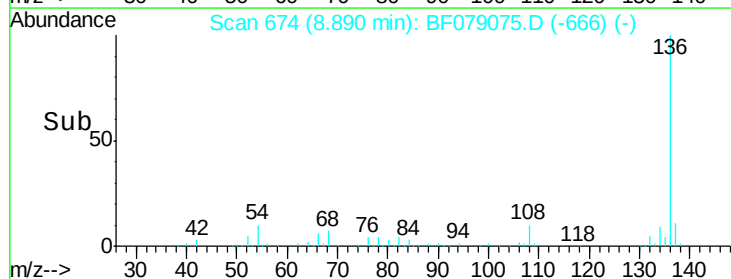
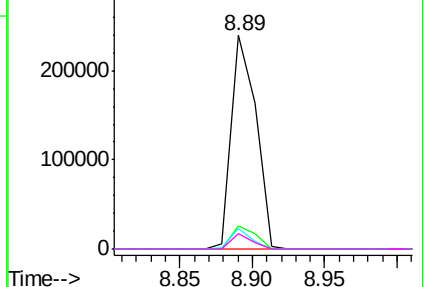


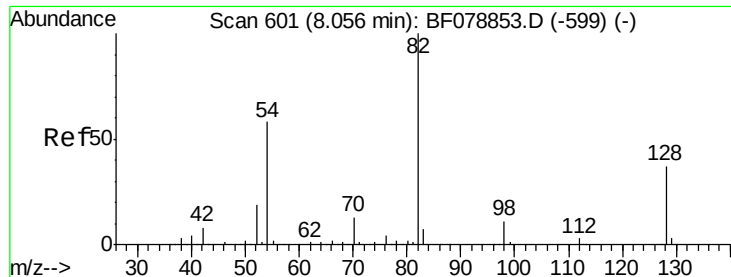
Abundance Ion 136.00 (135.70 to 136.70): E

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

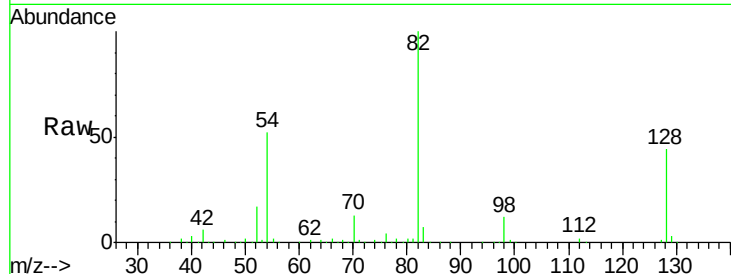




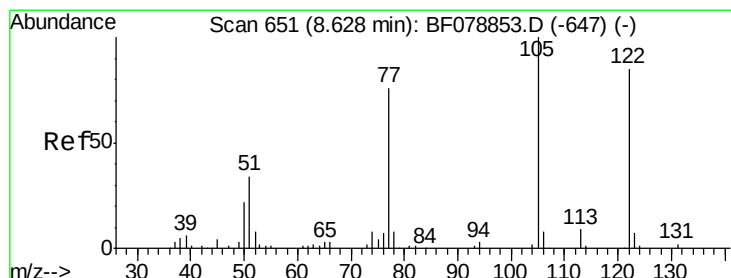
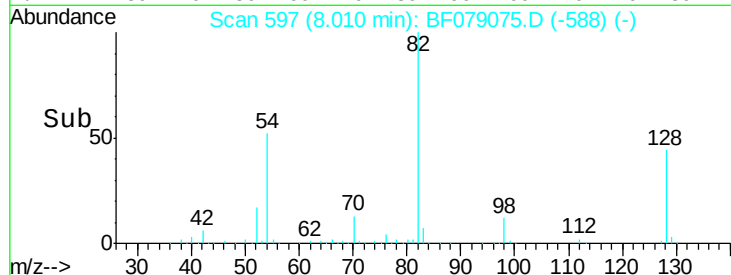
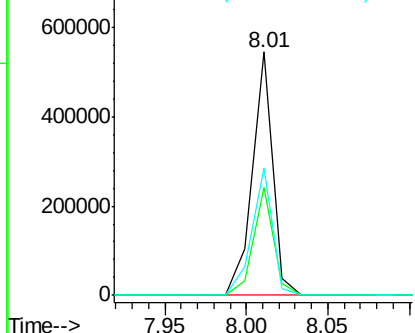
#23
 Nitrobenzene-d5
 Concen: 96.05 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079075.D
 Acq: 9 May 2015 10:54

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-17-8.5

Tot Ion	82	Resp	474077
Ion Ratio	Lower	Upper	
82	100		
128	44.3	30.0	45.0
54	52.0	46.4	69.6

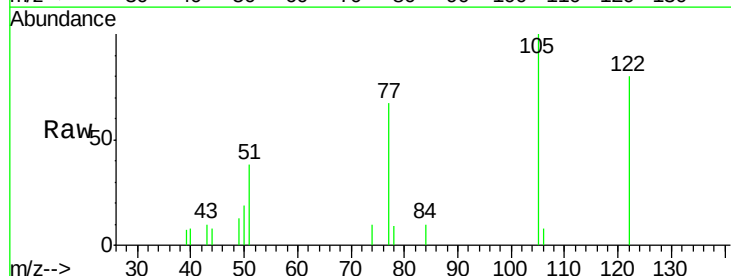


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

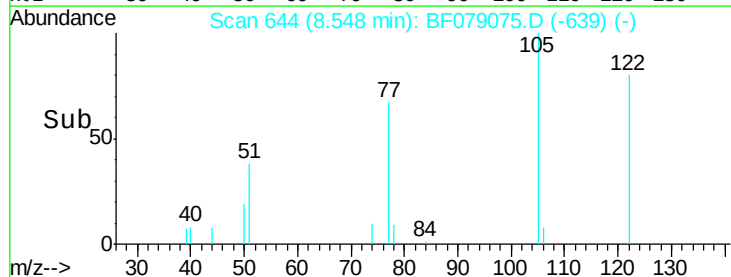
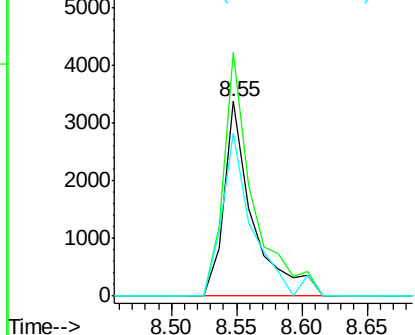


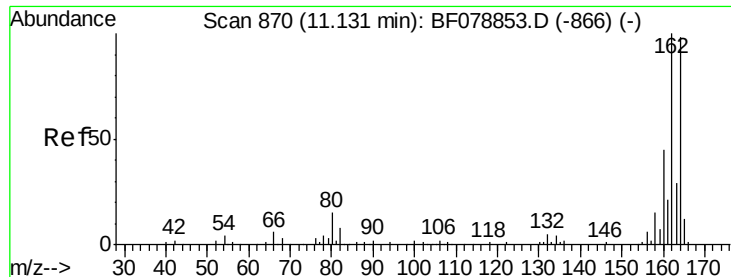
#32
 Benzoic acid
 Concen: 8.08 ng
 RT: 8.55 min Scan# 644
 Delta R.T. -0.05 min
 Lab File: BF079075.D
 Acq: 9 May 2015 10:54

Tgt Ion	122	Resp	5183
Ion Ratio	Lower	Upper	
122	100		
105	125.0	107.1	147.1
77	83.5	73.9	113.9



Abundance Ion 122.00 (121.70 to 122.70): B
 Ion 105.00 (104.70 to 105.70): B
 Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF079075.D

Acq: 9 May 2015 10:54

Instrument :

BNA_F

ClientSampleId :

TU012-SB-17-8.5

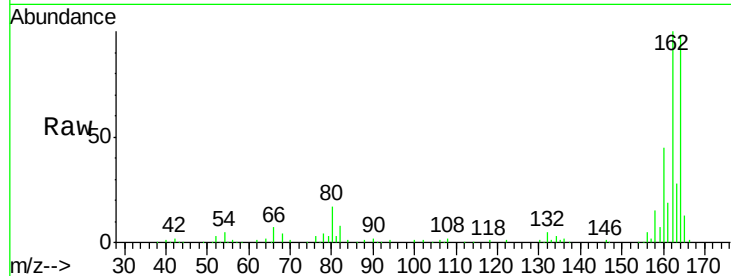
Tot Ion:164 Resp: 138687

Ion Ratio Lower Upper

164 100

162 102.1 82.7 124.1

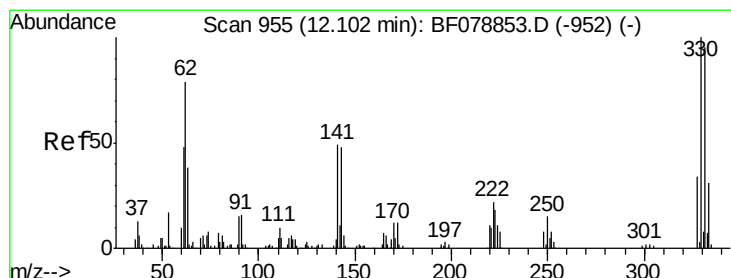
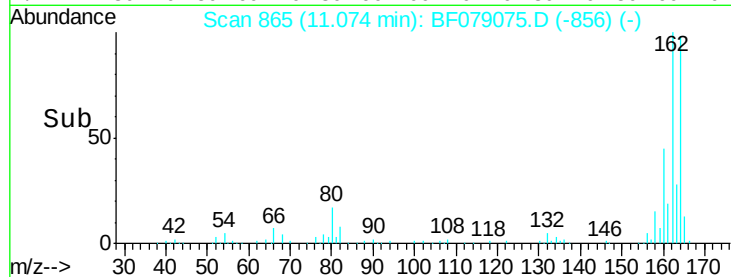
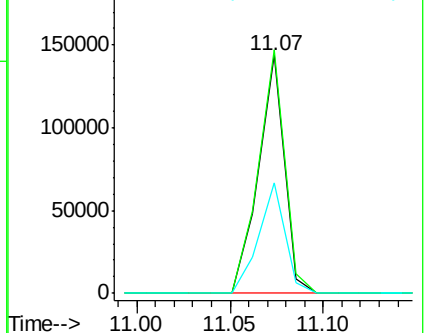
160 46.4 35.8 53.8



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: 157.97 ng

RT: 12.06 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF079075.D

Acq: 9 May 2015 10:54

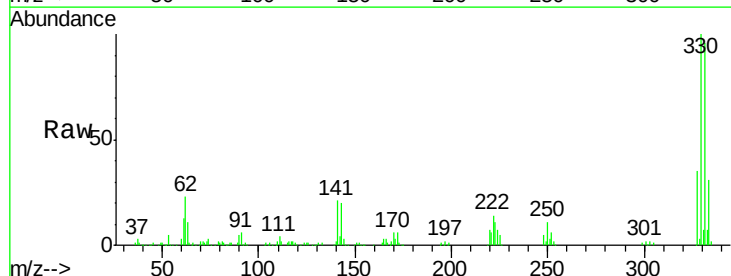
Tgt Ion:330 Resp: 237015

Ion Ratio Lower Upper

330 100

332 97.0 0.0 0.0#

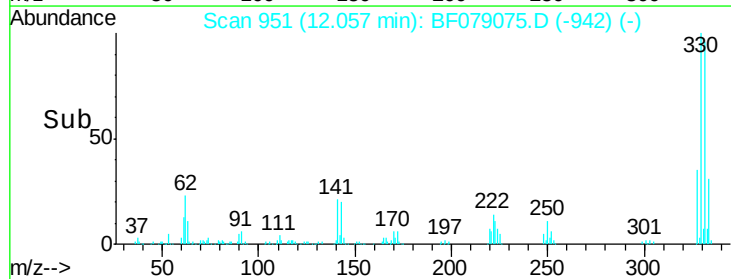
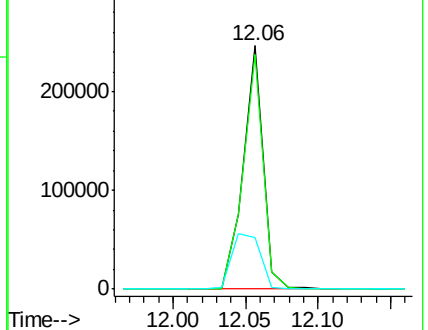
141 32.7 0.0 0.0#

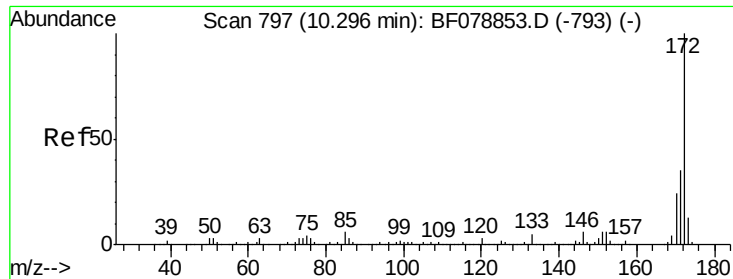


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

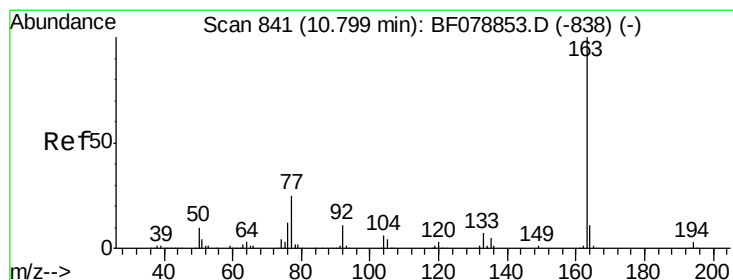
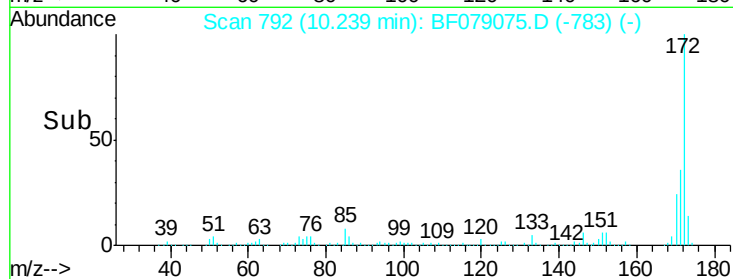
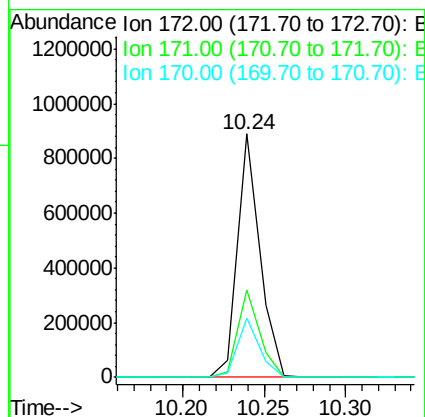
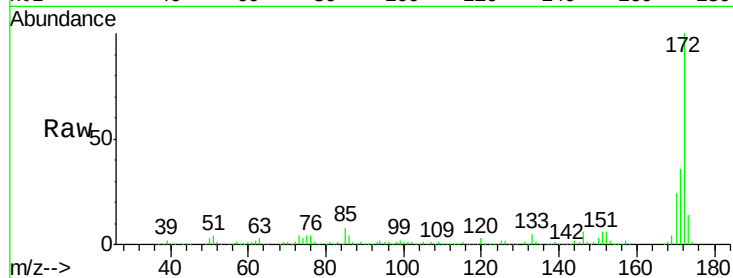




#44
2-Fluorobiphenyl
Concen: 84.15 ng
RT: 10.24 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF079075.D
Acq: 9 May 2015 10:54

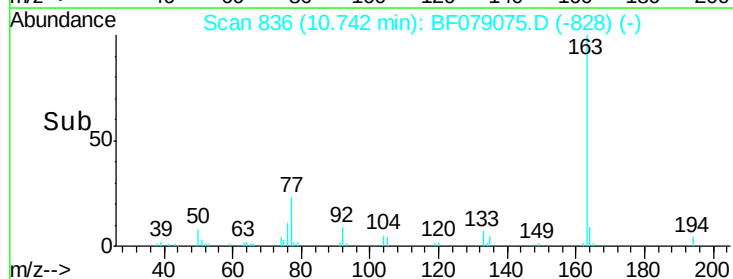
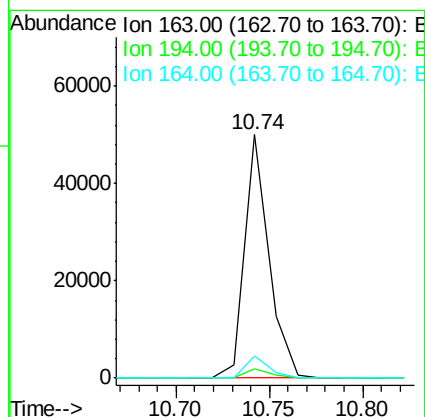
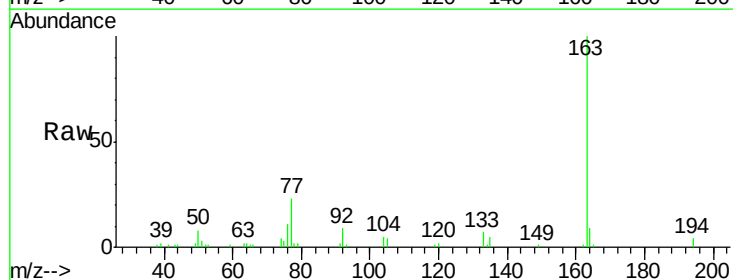
Instrument :
BNA_F
ClientSampleId :
TU012-SB-17-8.5

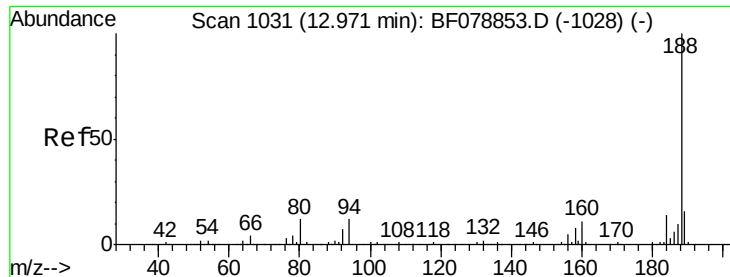
Tot Ion:172 Resp: 837640
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 24.2 19.4 29.0



#49
Dimethylphthalate
Concen: 4.44 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF079075.D
Acq: 9 May 2015 10:54

Tgt Ion:163 Resp: 45151
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.3 8.1 12.1

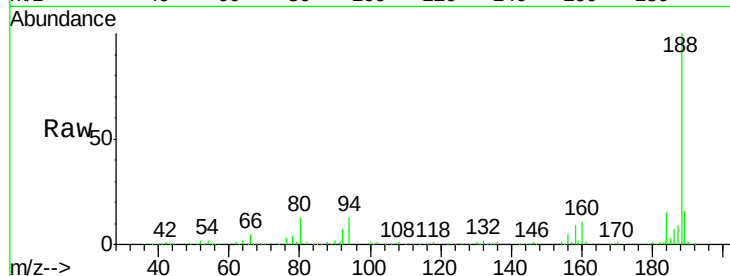




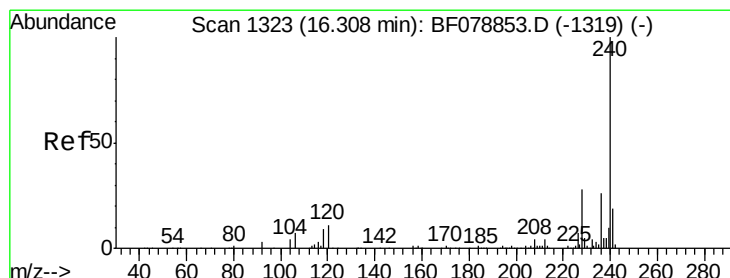
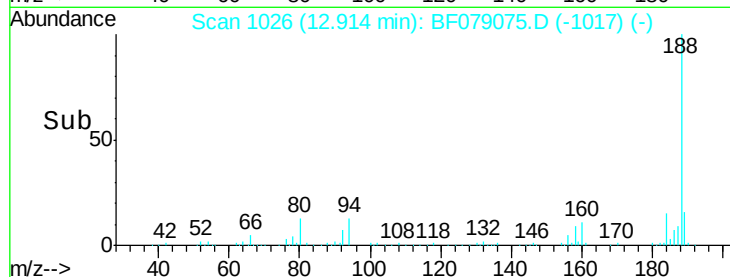
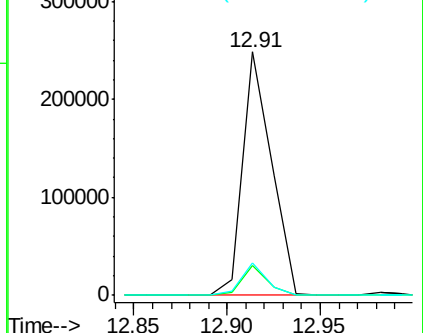
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF079075.D
Acq: 9 May 2015 10:54

Instrument :
BNA_F
ClientSampleId :
TU012-SB-17-8.5

Tot Ion:188 Resp: 267953
Ion Ratio Lower Upper
188 100
94 12.5 8.2 12.2#
80 13.4 8.9 13.3#

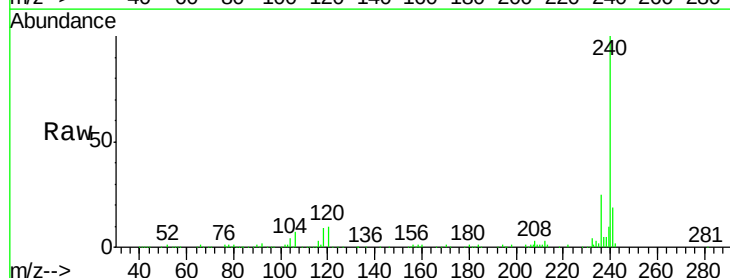


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

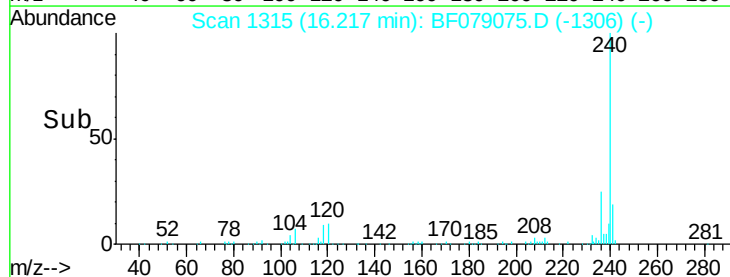
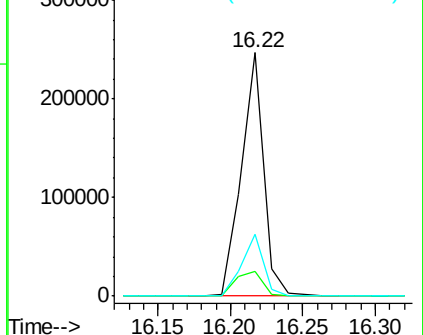


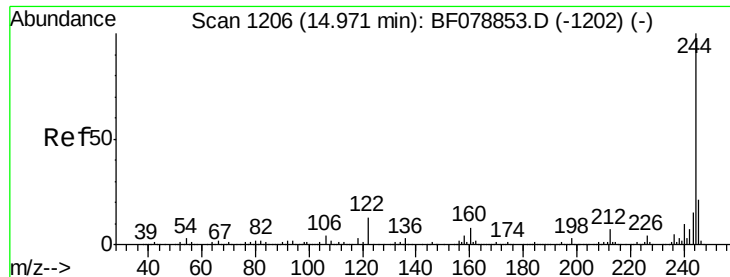
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.22 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF079075.D
Acq: 9 May 2015 10:54

Tgt Ion:240 Resp: 263803
Ion Ratio Lower Upper
240 100
120 10.1 9.7 14.5
236 25.4 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

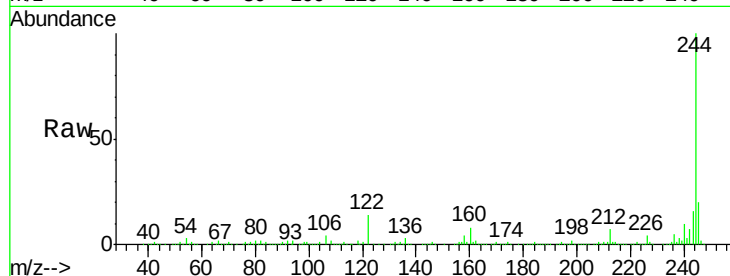




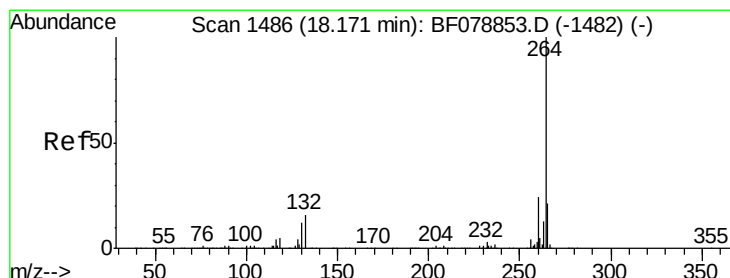
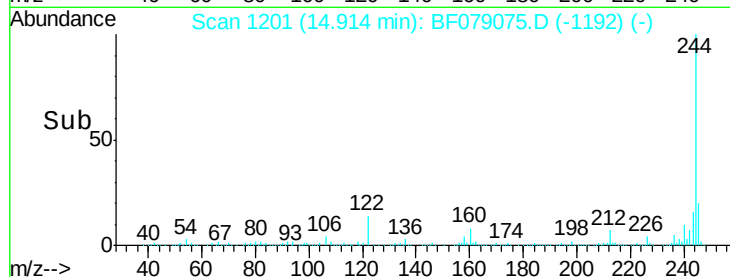
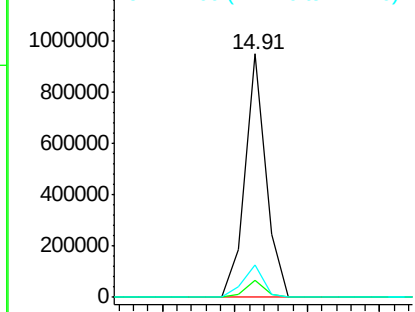
#78
 Terphenyl-d14
 Concen: 86.30 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF079075.D
 Acq: 9 May 2015 10:54

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-17-8.5

Tot Ion:244 Resp: 950912
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 13.5 10.3 15.5

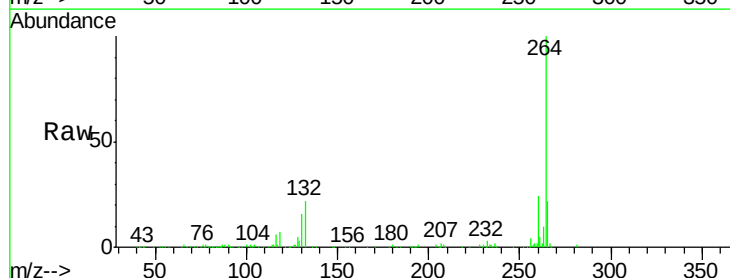


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.98 min Scan# 1469
 Delta R.T. 0.05 min
 Lab File: BF079075.D
 Acq: 9 May 2015 10:54

Tgt Ion:264 Resp: 252462
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.6 18.3 27.5



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

