

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050115\
 Data File : BF078887.D
 Acq On : 1 May 2015 12:36
 Operator : TP/IZ
 Sample : G2069-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-031

Quant Time: May 01 23:06:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 22:48:21 2015
 Response via : Initial Calibration

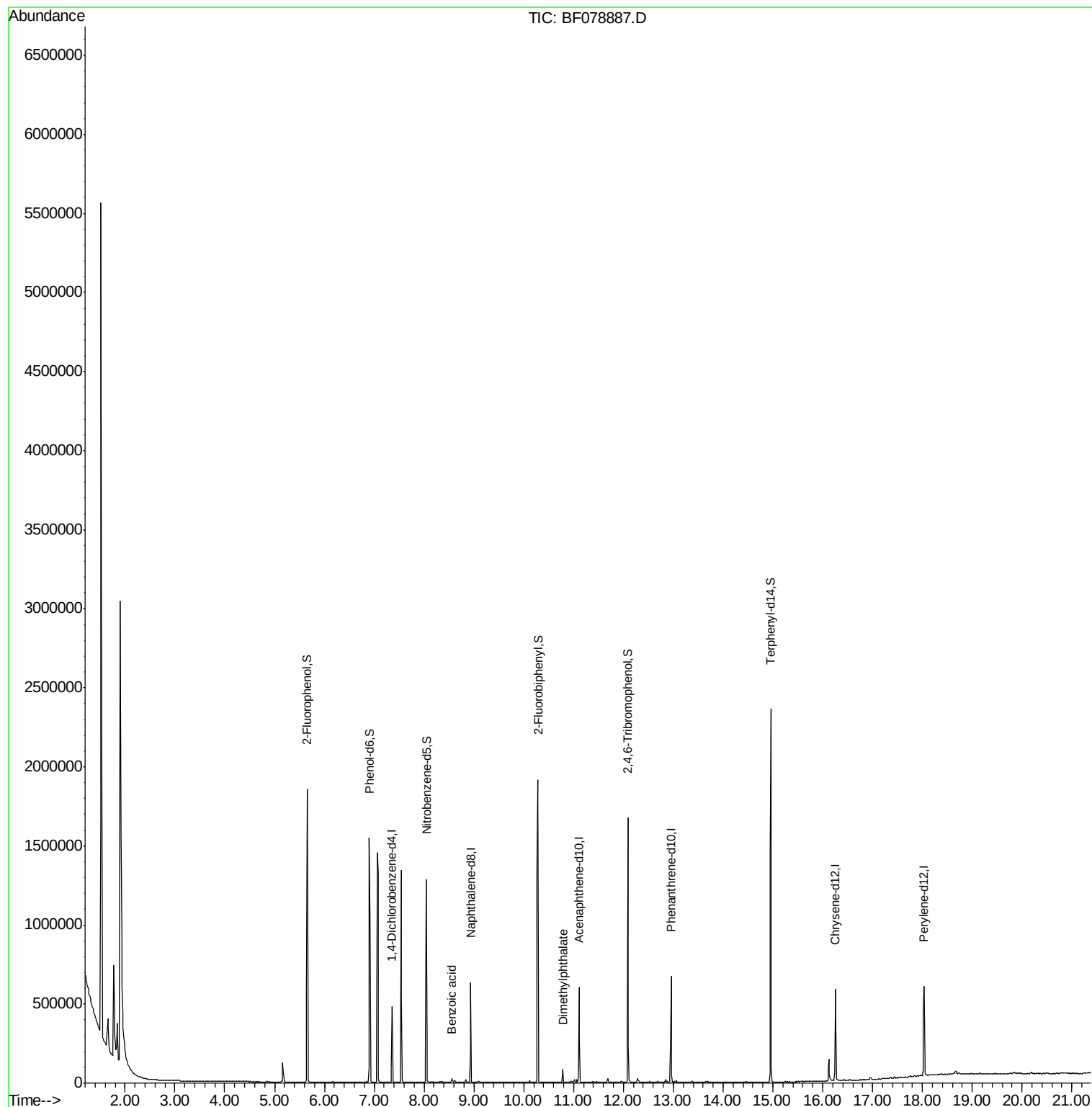
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	71025	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	292171	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	138705	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	271575	20.00	ng	0.00
75) Chrysene-d12	16.25	240	277122	20.00	ng	-0.03
86) Perylene-d12	18.03	264	290283	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	533481	129.29	ng	0.00
7) Phenol-d6	6.90	99	698966	128.16	ng	0.00
23) Nitrobenzene-d5	8.04	82	384395	75.61	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	204520	136.30	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	776360	77.98	ng	0.00
78) Terphenyl-d14	14.96	244	967376	83.57	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	8.56	122	5073	8.00	ng	90
49) Dimethylphthalate	10.79	163	48946	4.81	ng	99

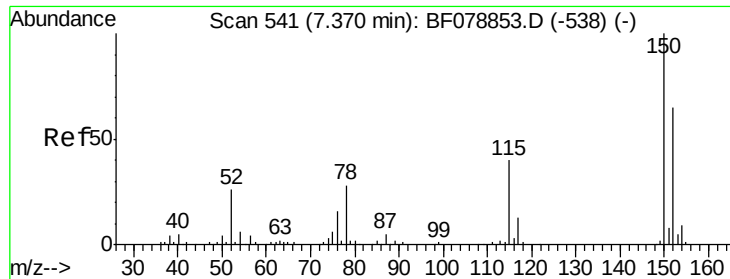
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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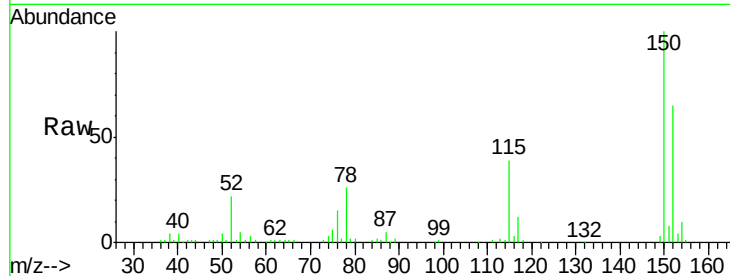




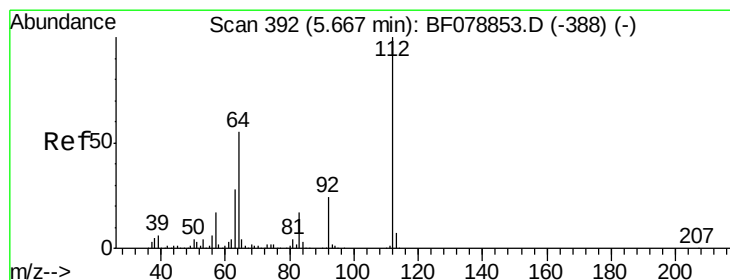
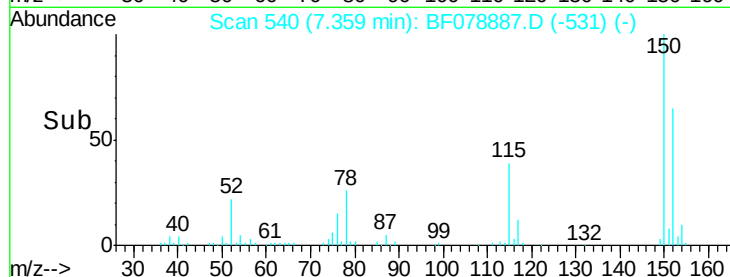
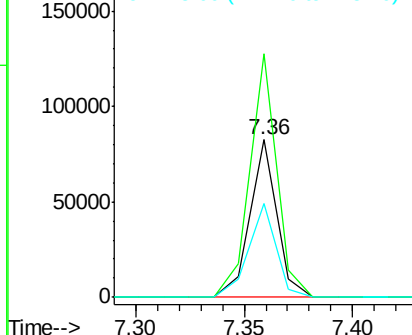
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.36 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF078887.D
 Acq: 1 May 2015 12:36

Instrument :
 BNA_F
 ClientSampleId :
 FS-031

Tgt Ion:152 Resp: 71025
 Ion Ratio Lower Upper
 152 100
 150 154.3 122.0 183.0
 115 59.5 46.3 69.5

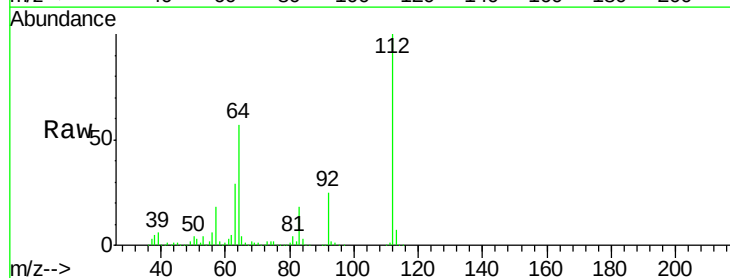


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

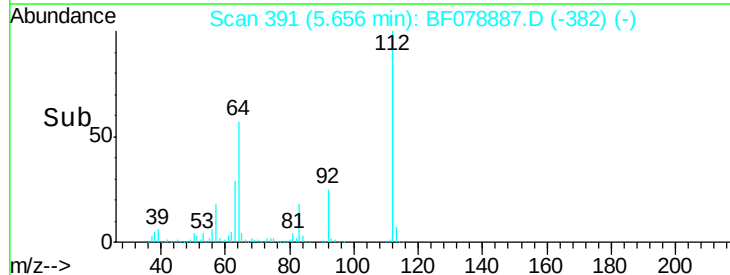
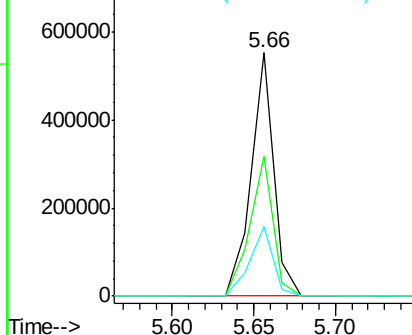


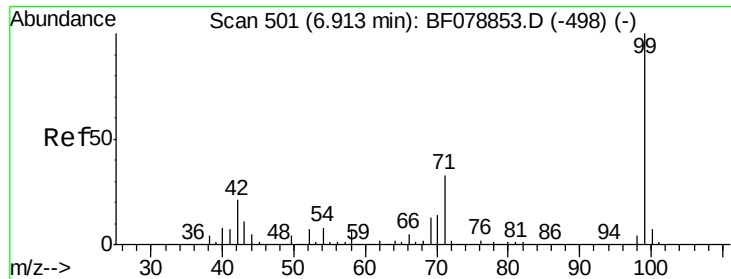
#5
 2-Fluorophenol
 Concen: 129.29 ng
 RT: 5.66 min Scan# 391
 Delta R.T. -0.00 min
 Lab File: BF078887.D
 Acq: 1 May 2015 12:36

Tgt Ion:112 Resp: 533481
 Ion Ratio Lower Upper
 112 100
 64 57.3 53.5 80.3
 63 28.6 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: 128.16 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078887.D

Acq: 1 May 2015 12:36

Instrument :

BNA_F

ClientSampleId :

FS-031

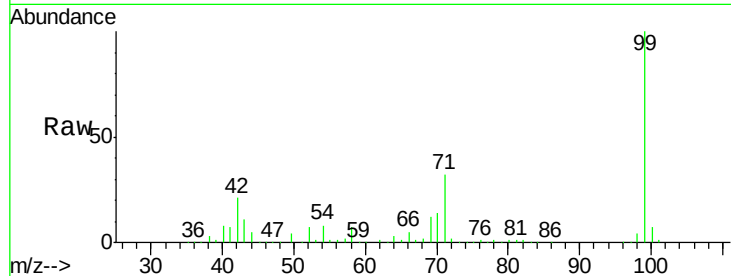
Tgt Ion: 99 Resp: 698966

Ion Ratio Lower Upper

99 100

42 21.0 12.8 19.2#

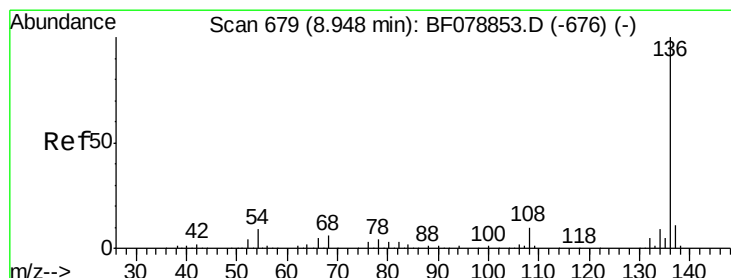
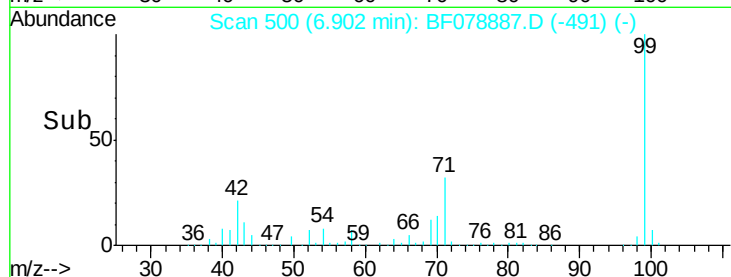
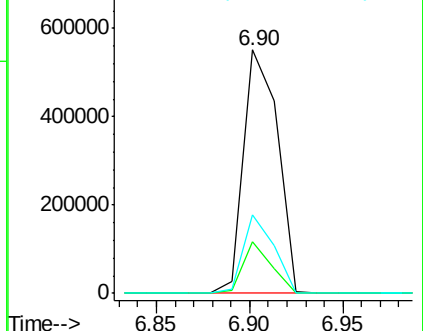
71 32.1 23.4 35.2



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: 8.94 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF078887.D

Acq: 1 May 2015 12:36

Tgt Ion: 136 Resp: 292171

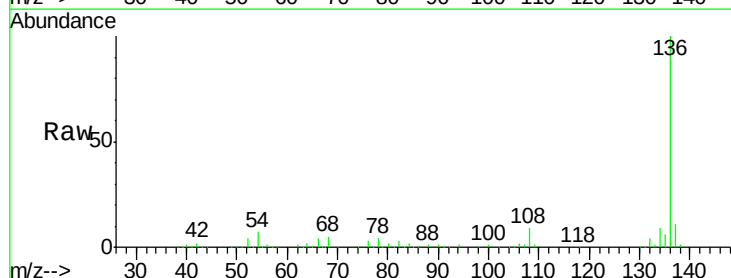
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.8 5.8 8.8

68 5.3 4.2 6.4

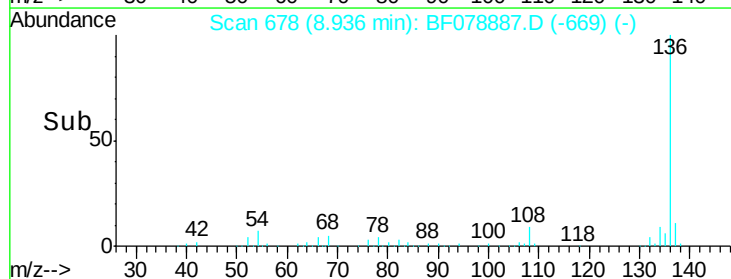
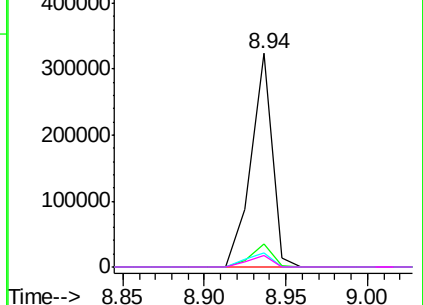


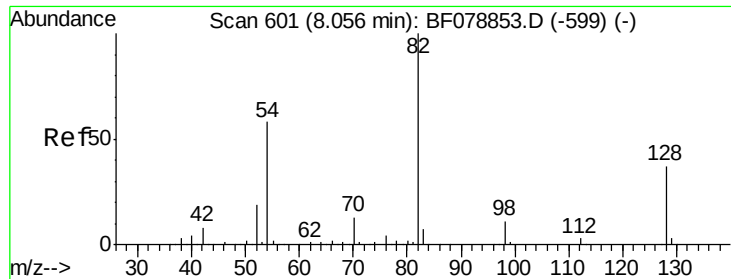
Abundance Ion 136.00 (135.70 to 136.70): E

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

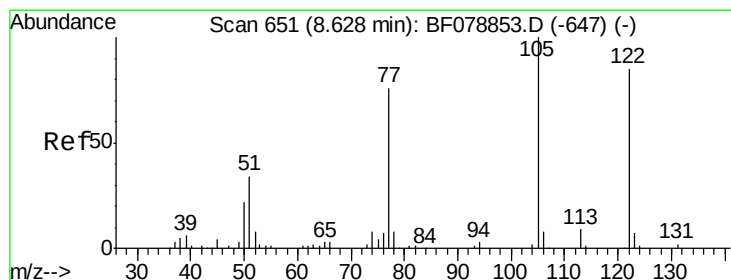
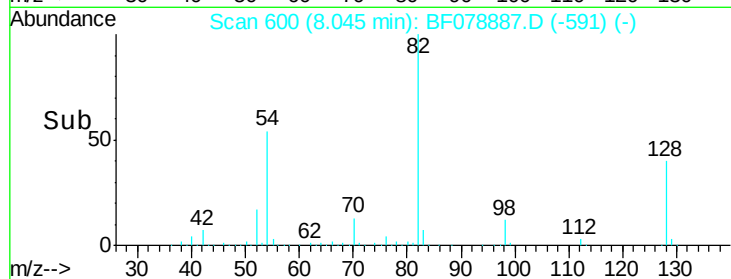
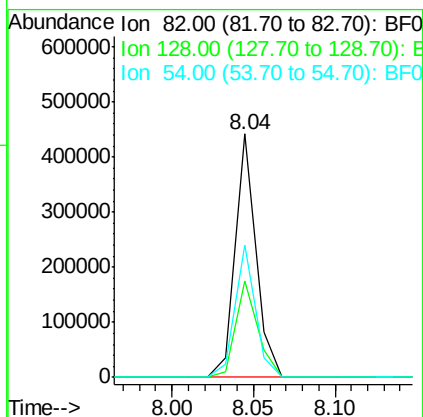
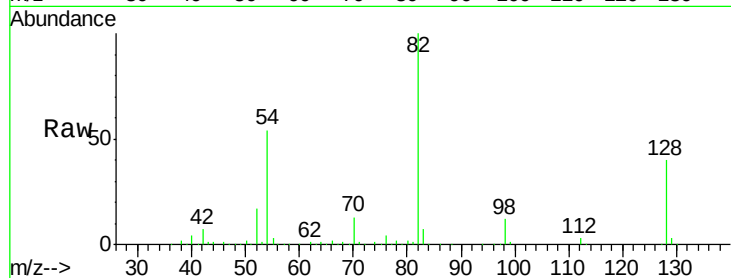




#23
 Nitrobenzene-d5
 Concen: 75.61 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078887.D
 Acq: 1 May 2015 12:36

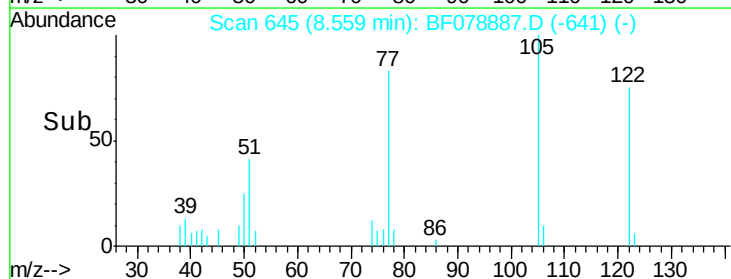
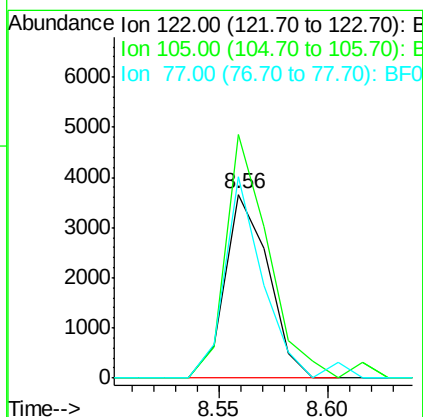
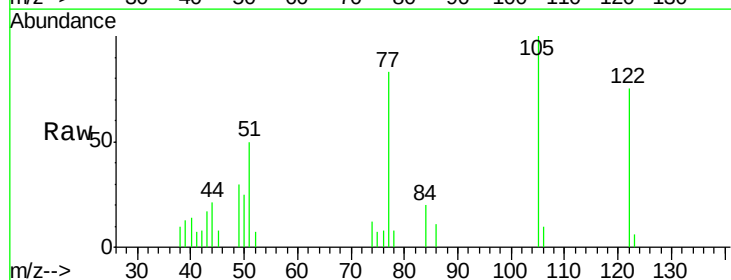
Instrument :
 BNA_F
 ClientSampled :
 FS-031

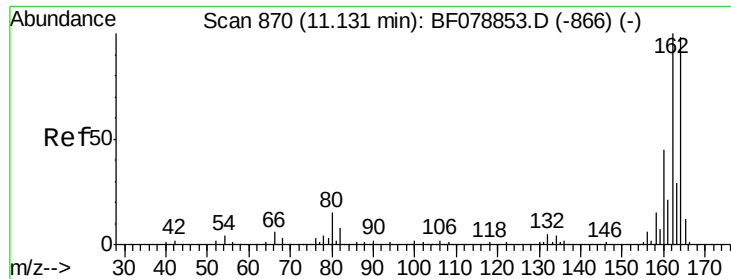
Tgt Ion: 82 Resp: 384395
 Ion Ratio Lower Upper
 82 100
 128 39.8 30.0 45.0
 54 54.1 46.4 69.6



#32
 Benzoic acid
 Concen: 8.00 ng
 RT: 8.56 min Scan# 645
 Delta R.T. -0.06 min
 Lab File: BF078887.D
 Acq: 1 May 2015 12:36

Tgt Ion: 122 Resp: 5073
 Ion Ratio Lower Upper
 122 100
 105 132.5 107.1 147.1
 77 109.9 73.9 113.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF078887.D

Acq: 1 May 2015 12:36

Instrument :

BNA_F

ClientSampleId :

FS-031

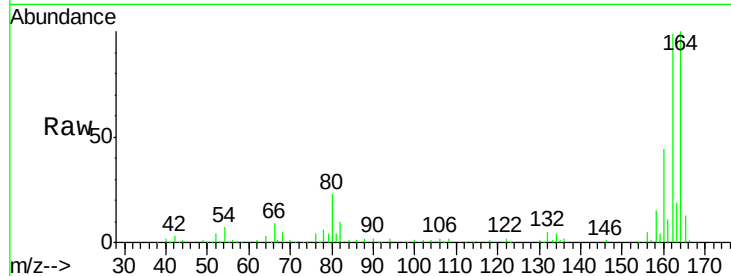
Tgt Ion:164 Resp: 138705

Ion Ratio Lower Upper

164 100

162 99.0 82.7 124.1

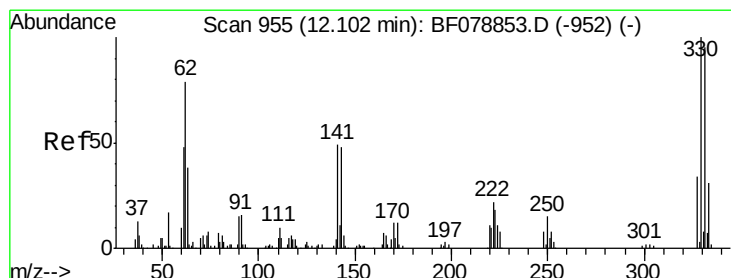
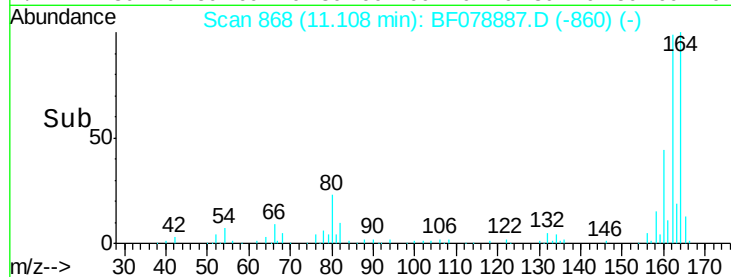
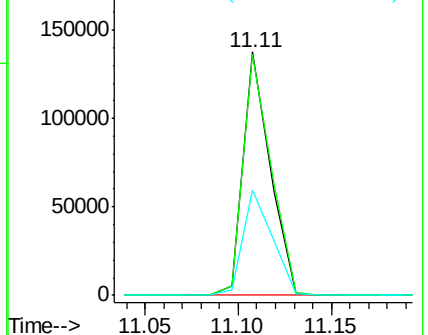
160 43.5 35.8 53.8



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: 136.30 ng

RT: 12.09 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF078887.D

Acq: 1 May 2015 12:36

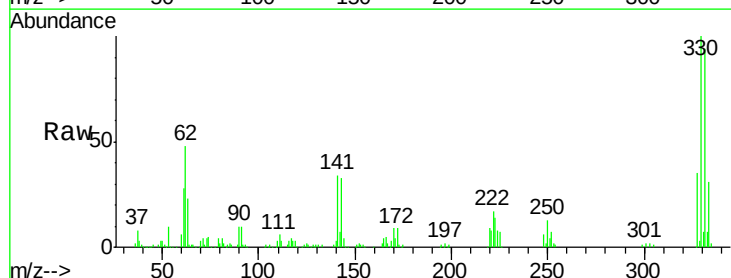
Tgt Ion:330 Resp: 204520

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

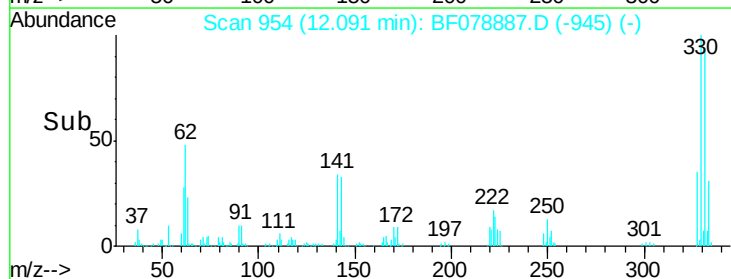
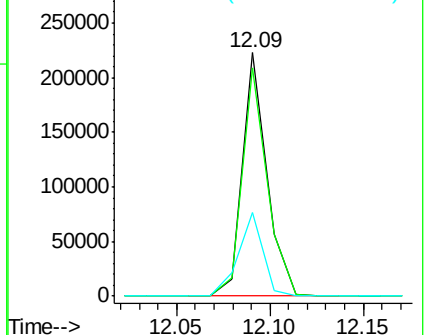
141 34.4 0.0 0.0#

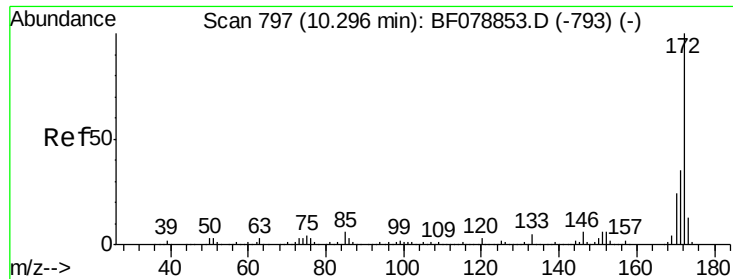


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

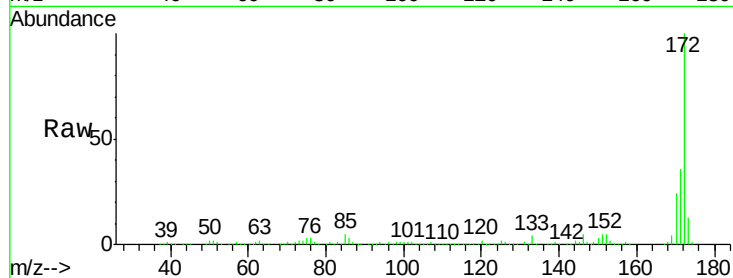




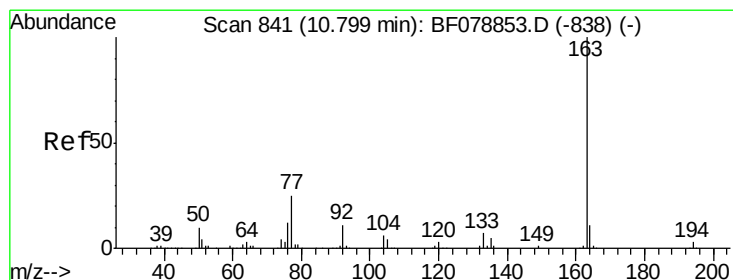
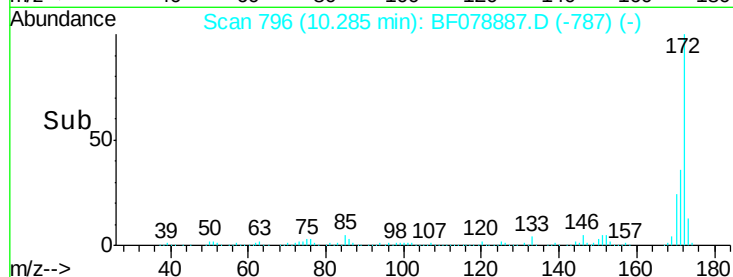
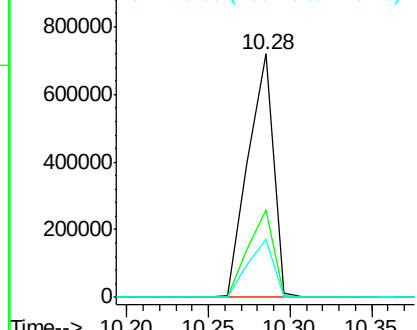
#44
2-Fluorobiphenyl
Concen: 77.98 ng
RT: 10.28 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF078887.D
Acq: 1 May 2015 12:36

Instrument :
BNA_F
ClientSampleId :
FS-031

Tgt Ion:172 Resp: 776360
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.9 19.4 29.0

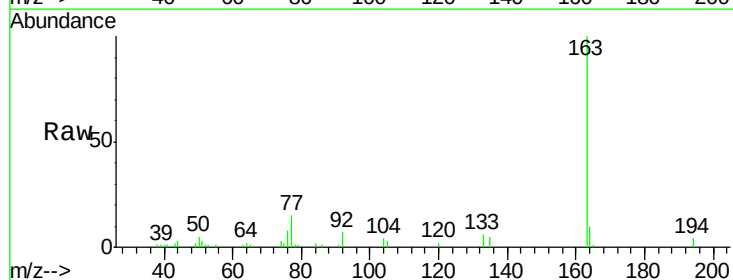


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

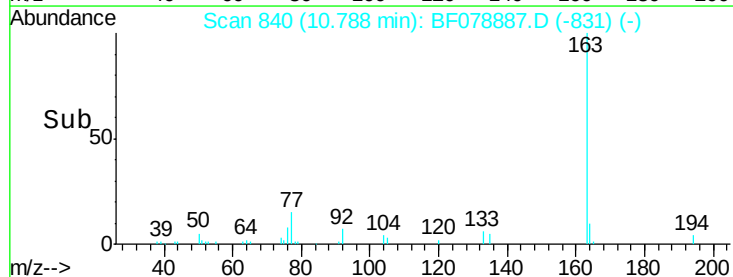
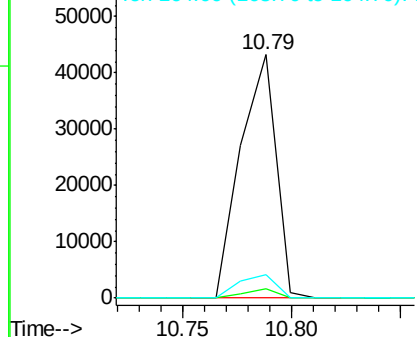


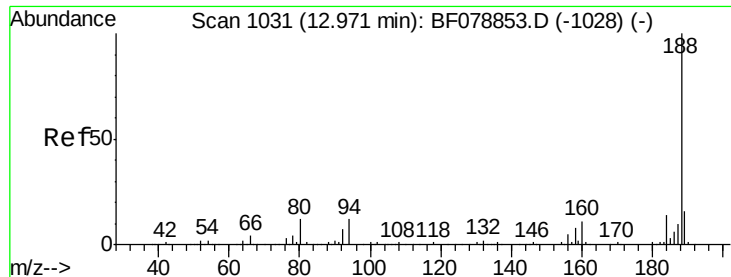
#49
Dimethylphthalate
Concen: 4.81 ng
RT: 10.79 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF078887.D
Acq: 1 May 2015 12:36

Tgt Ion:163 Resp: 48946
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.6 8.1 12.1



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

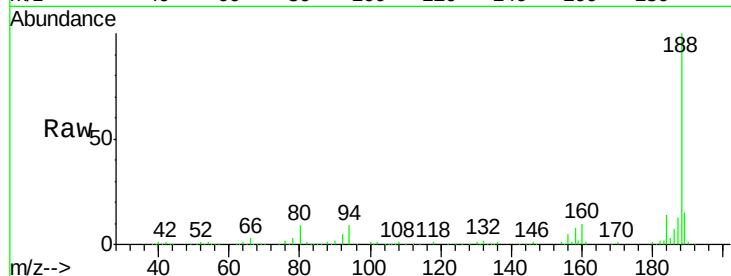




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF078887.D
Acq: 1 May 2015 12:36

Instrument :
BNA_F
ClientSampleId :
FS-031

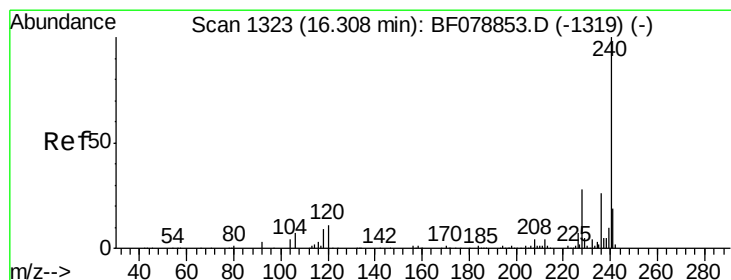
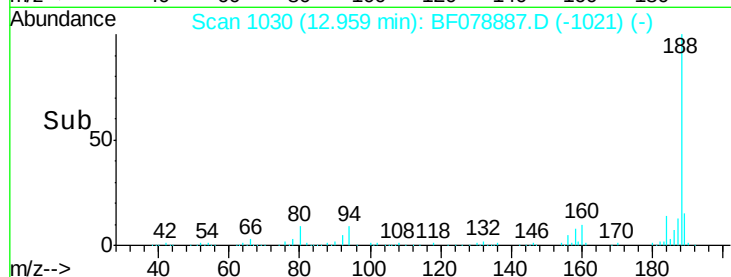
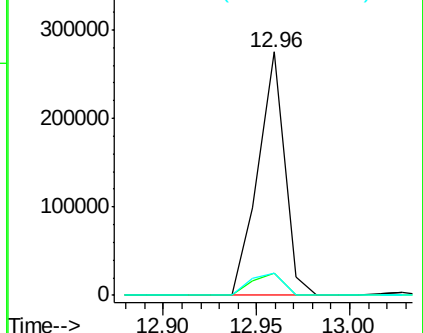
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	271575		
94	9.3		8.2	12.2
80	9.1		8.9	13.3



Abundance Ion 188.00 (187.70 to 188.70): E

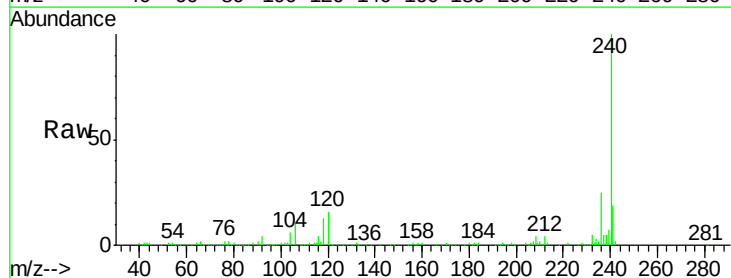
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.03 min
Lab File: BF078887.D
Acq: 1 May 2015 12:36

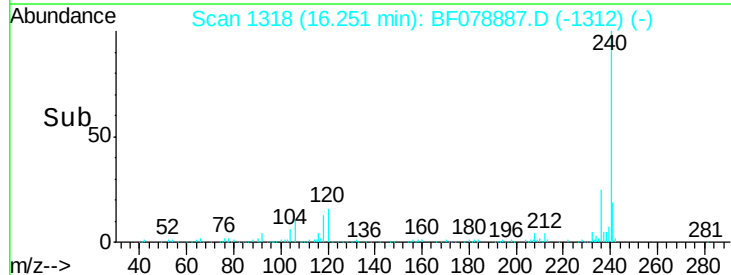
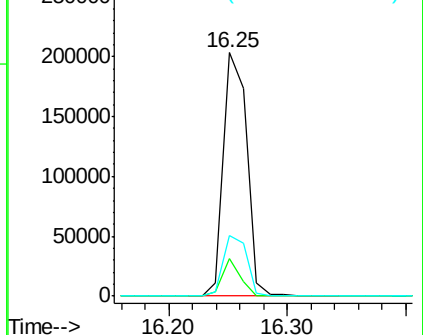
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	277122		
120	15.5		9.7	14.5#
236	25.0		20.2	30.4

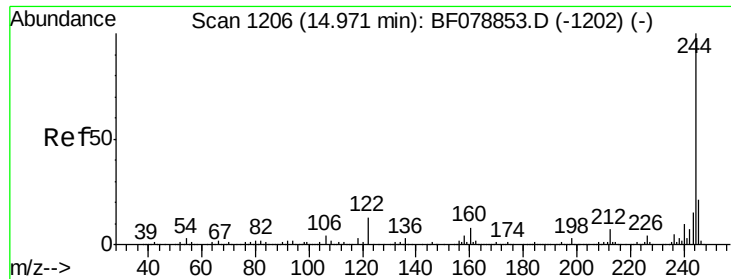


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

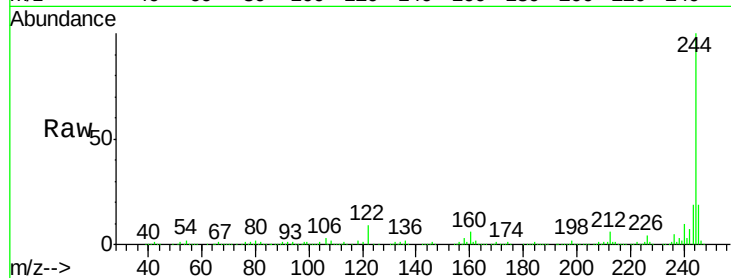




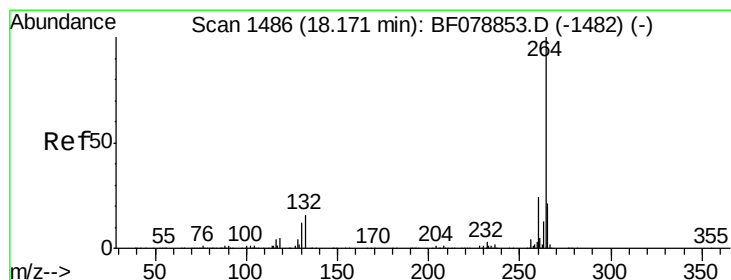
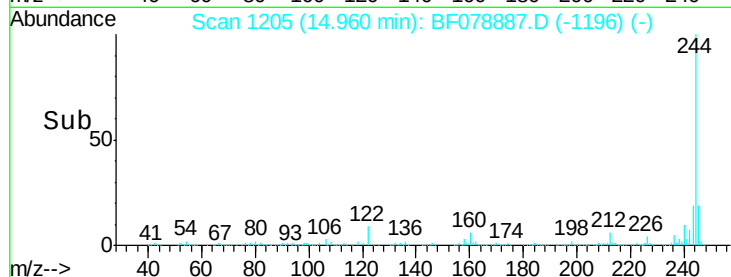
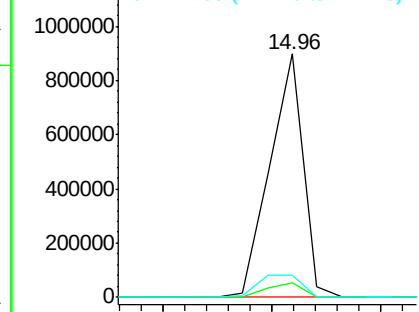
#78
 Terphenyl-d14
 Concen: 83.57 ng
 RT: 14.96 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF078887.D
 Acq: 1 May 2015 12:36

Instrument :
 BNA_F
 ClientSampleId :
 FS-031

Tgt Ion:244 Resp: 967376
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.6 8.4
 122 9.2 10.3 15.5#

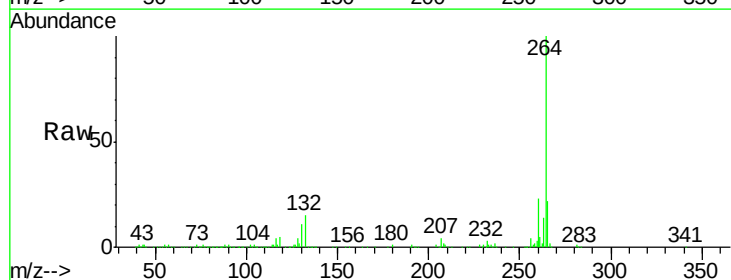


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.03 min Scan# 1474
 Delta R.T. -0.09 min
 Lab File: BF078887.D
 Acq: 1 May 2015 12:36

Tgt Ion:264 Resp: 290283
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.5 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

