

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079151.D
 Acq On : 12 May 2015 9:59
 Operator : TP/IZ
 Sample : G2176-15
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-12A(5-10)

Quant Time: May 12 15:49:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:22:07 2015
 Response via : Initial Calibration

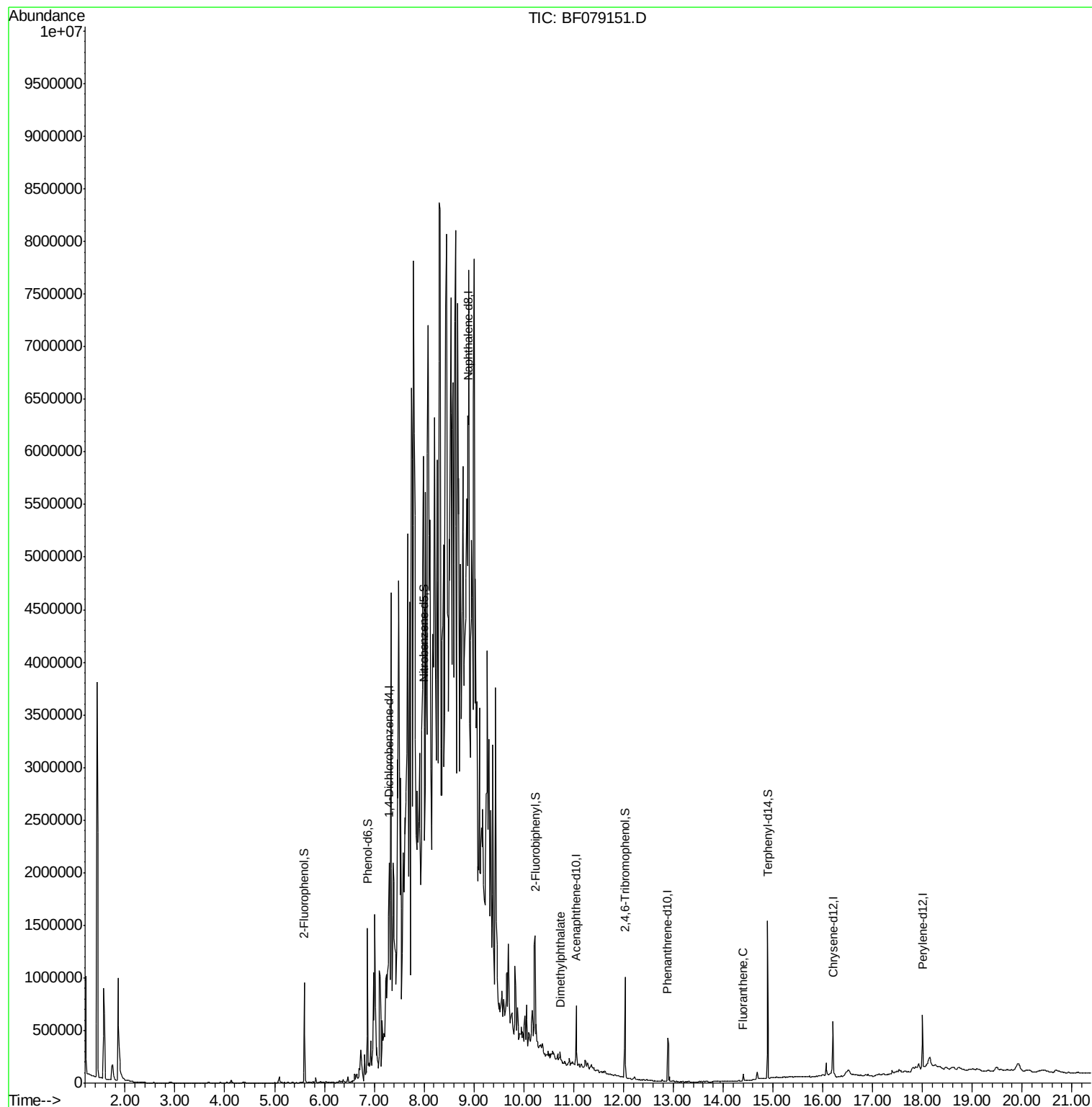
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	53678	20.00	ng	0.00
21) Naphthalene-d8	8.89	136	152966	20.00	ng	0.01
38) Acenaphthene-d10	11.05	164	112212	20.00	ng	0.00
63) Phenanthrene-d10	12.89	188	217780	20.00	ng	0.00
75) Chrysene-d12	16.21	240	232843	20.00	ng	0.01
86) Perylene-d12	18.00	264	236931	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	316485	101.49	ng	0.00
7) Phenol-d6	6.87	99	445131	107.99	ng	0.01
23) Nitrobenzene-d5	8.00	82	357517	134.33	ng	0.01
41) 2,4,6-Tribromophenol	12.03	330	125065	103.03	ng	0.00
44) 2-Fluorobiphenyl	10.23	172	446745	55.47	ng	0.01
78) Terphenyl-d14	14.89	244	535701	55.08	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.73	163	19993	2.43	ng	Qvalue # 98
74) Fluoranthene	14.40	202	32841	2.59	ng	95

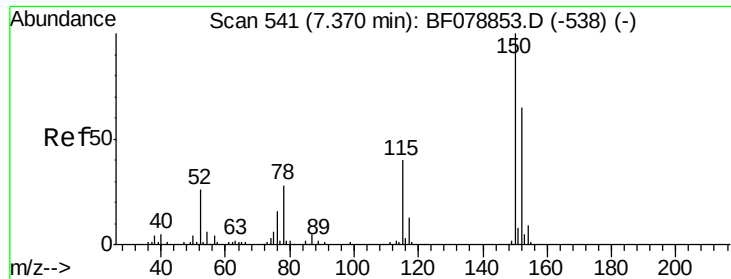
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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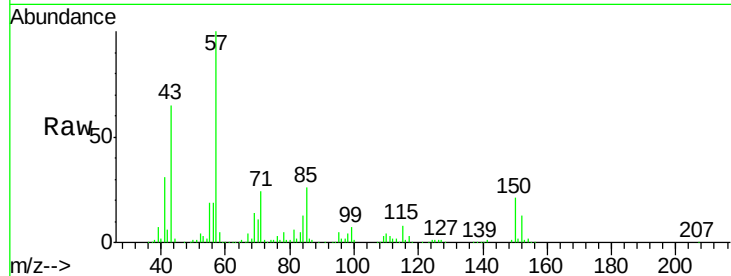


#1

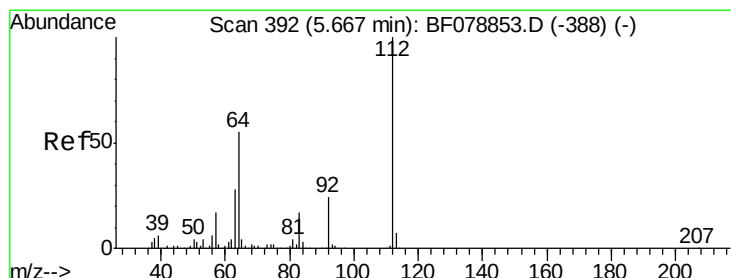
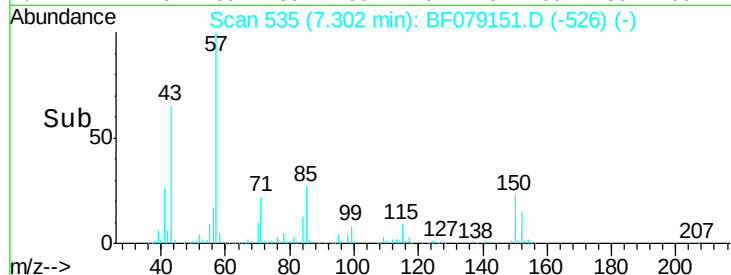
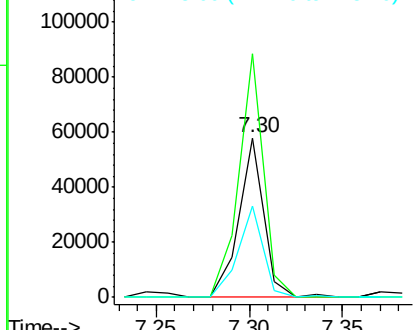
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF079151.D
Acq: 12 May 2015 9:59

Instrument :
BNA_F
ClientSampleId :
PS-12A(5-10)

Tot Ion	152	Resp	53678
Ion Ratio	Lower	Upper	
152	100		
150	152.5	122.0	183.0
115	56.8	46.3	69.5



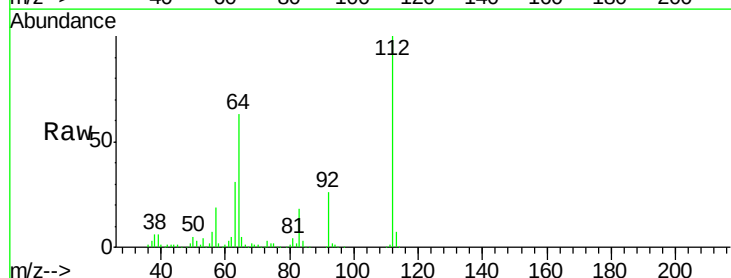
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



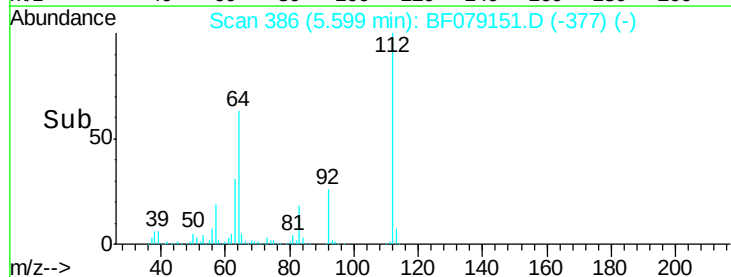
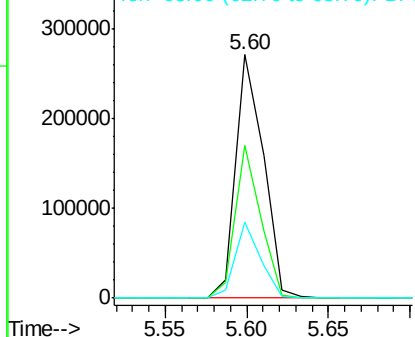
#5

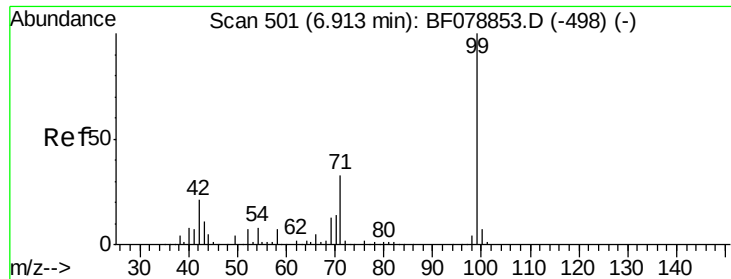
2-Fluorophenol
Concen: 101.49 ng
RT: 5.60 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF079151.D
Acq: 12 May 2015 9:59

Tgt Ion	112	Resp	316485
Ion Ratio	Lower	Upper	
112	100		
64	62.6	53.5	80.3
63	31.4	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: 107.99 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF079151.D

Acq: 12 May 2015 9:59

Instrument :

BNA_F

ClientSampleId :

PS-12A(5-10)

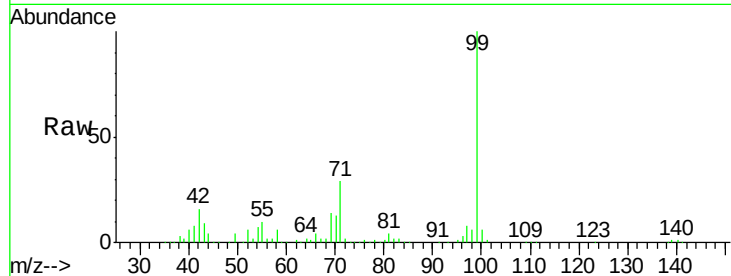
Tot Ion: 99 Resp: 445131

Ion Ratio Lower Upper

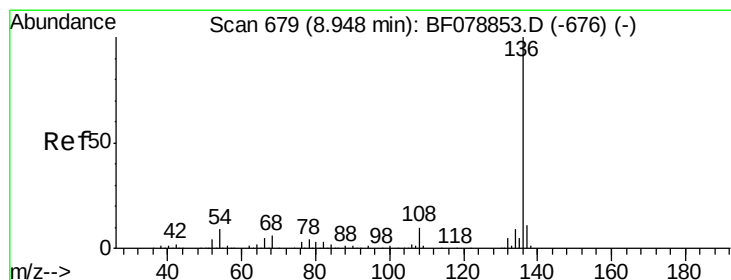
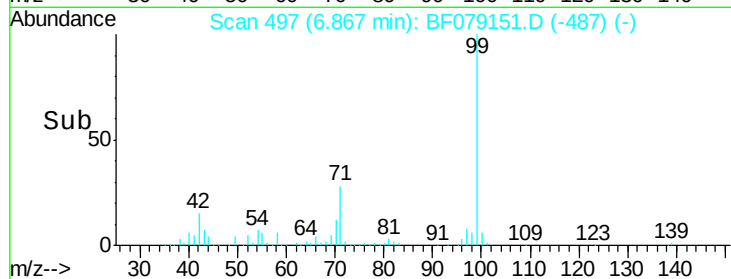
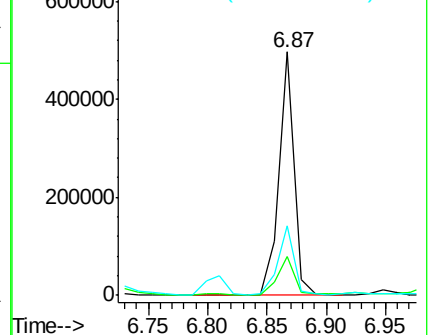
99 100

42 15.8 12.8 19.2

71 28.8 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: BF079151.D

Acq: 12 May 2015 9:59

Tgt Ion: 136 Resp: 152966

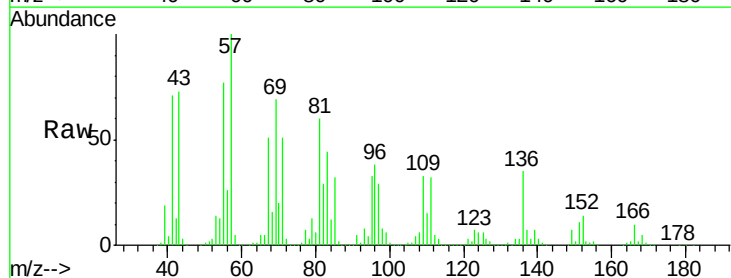
Ion Ratio Lower Upper

136 100

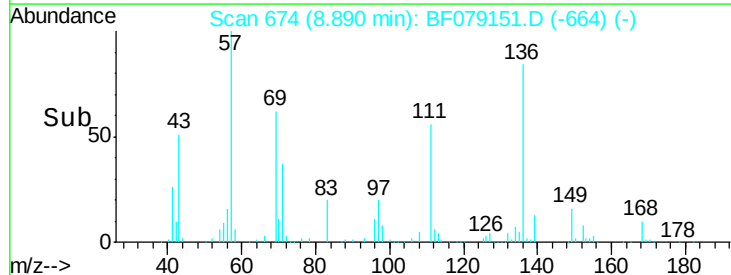
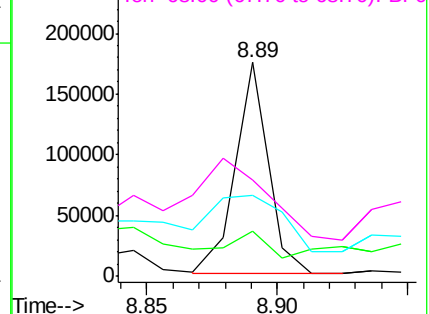
137 21.3 8.7 13.1#

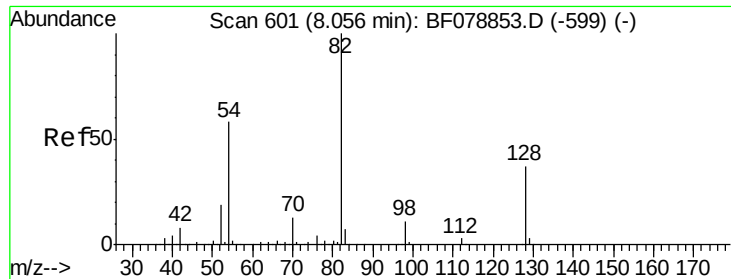
54 37.6 5.8 8.8#

68 44.9 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

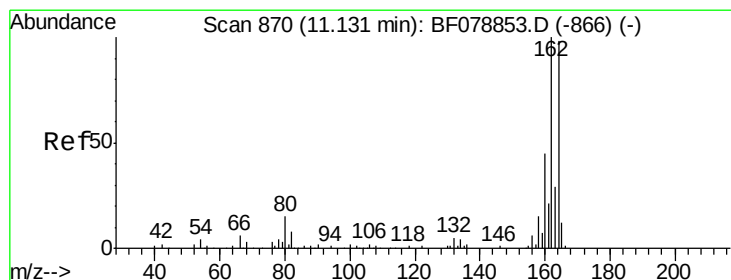
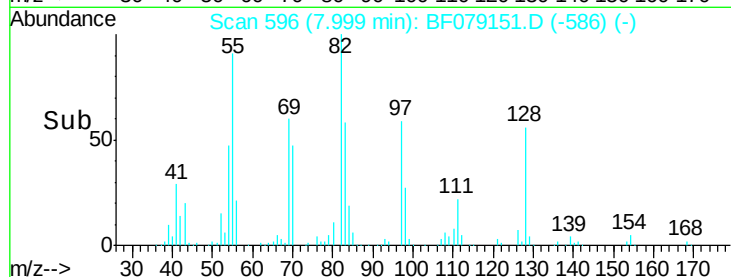
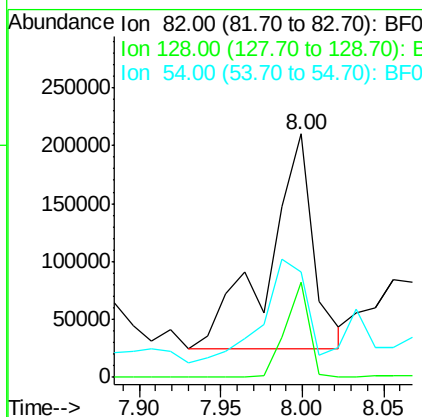
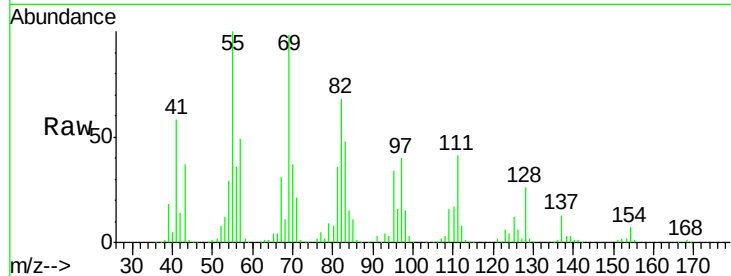




#23
 Nitrobenzene-d5
 Concen: 134.33 ng
 RT: 8.00 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF079151.D
 Acq: 12 May 2015 9:59

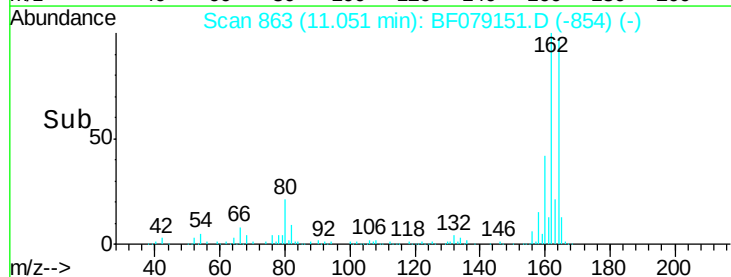
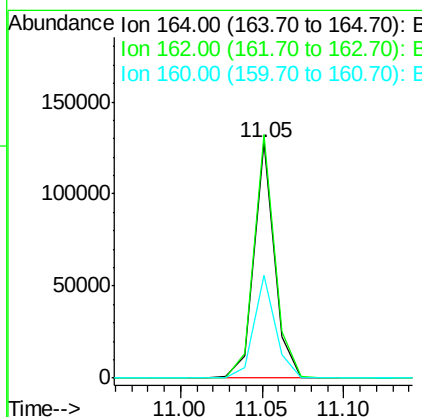
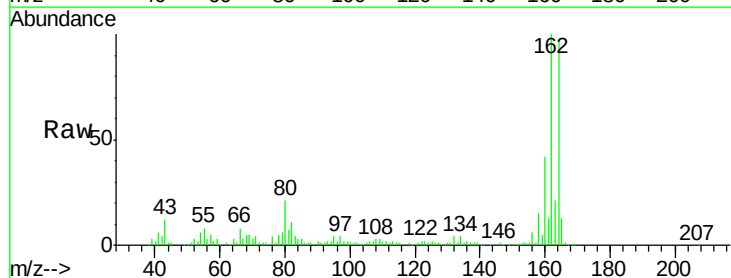
Instrument :
 BNA_F
 ClientSampleId :
 PS-12A(5-10)

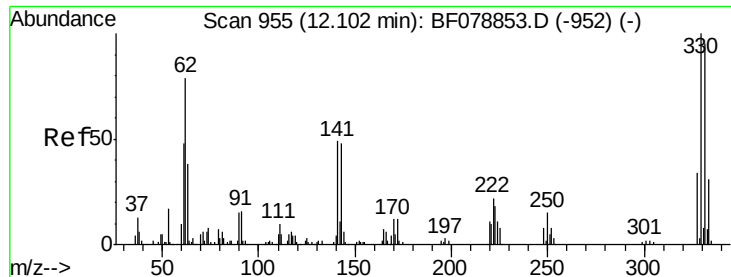
Tot Ion	82	Resp	357517
Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.0	45.0
54	43.1	46.4	69.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF079151.D
 Acq: 12 May 2015 9:59

Tgt Ion	164	Resp	112212
Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.7	124.1
160	43.9	35.8	53.8

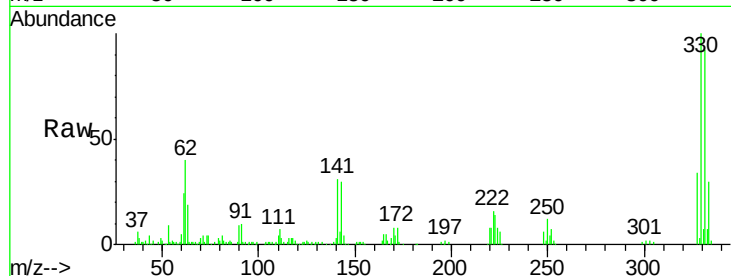




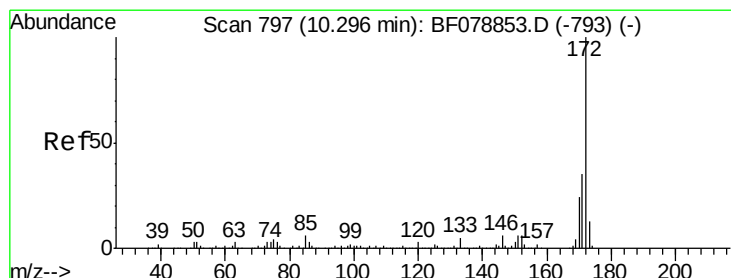
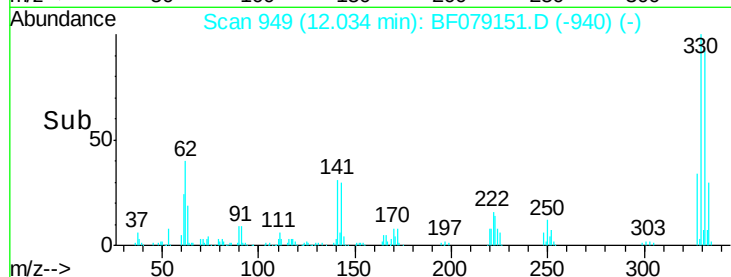
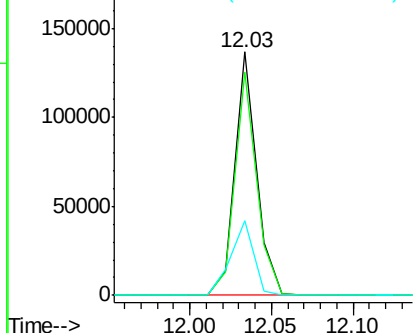
#41
 2,4,6-Tribromophenol
 Concen: 103.03 ng
 RT: 12.03 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF079151.D
 Acq: 12 May 2015 9:59

Instrument :
 BNA_F
 ClientSampleId :
 PS-12A(5-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.7	0.0	0.0#
141	32.3	0.0	0.0#

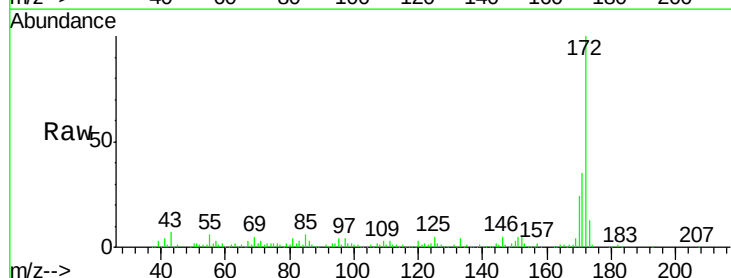


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

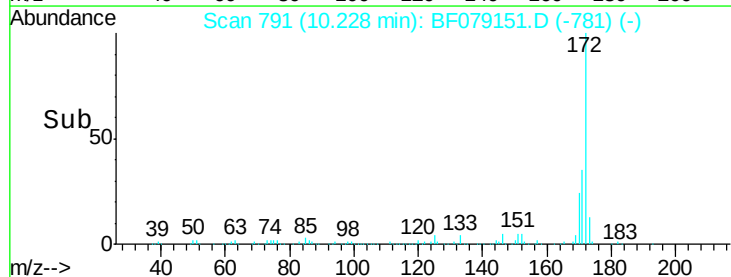
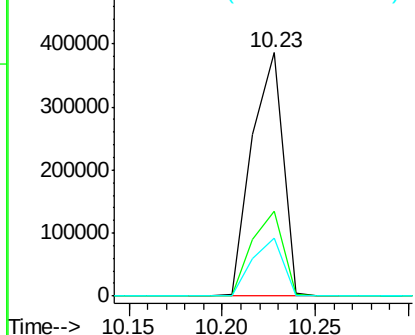


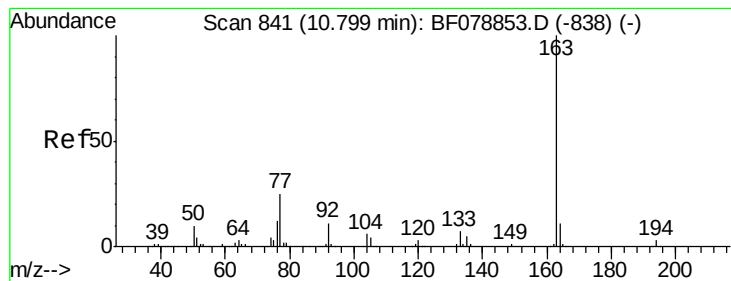
#44
 2-Fluorobiphenyl
 Concen: 55.47 ng
 RT: 10.23 min Scan# 791
 Delta R.T. 0.01 min
 Lab File: BF079151.D
 Acq: 12 May 2015 9:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	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: 2.43 ng

RT: 10.73 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF079151.D

Acq: 12 May 2015 9:59

Instrument :

BNA_F

ClientSampleId :

PS-12A(5-10)

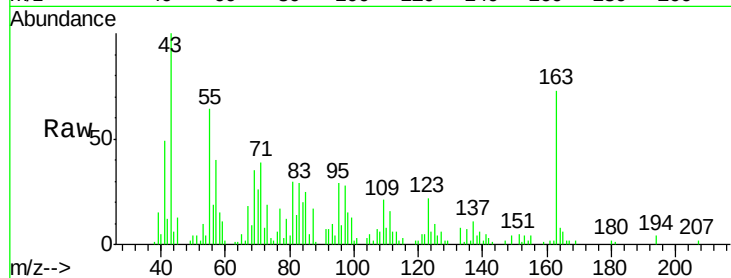
Tot Ion:163 Resp: 19993

Ion Ratio Lower Upper

163 100

194 5.0 2.6 4.0#

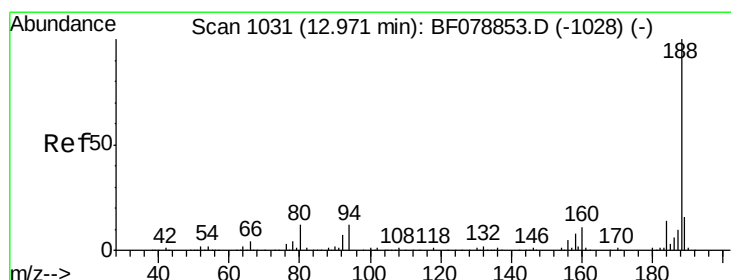
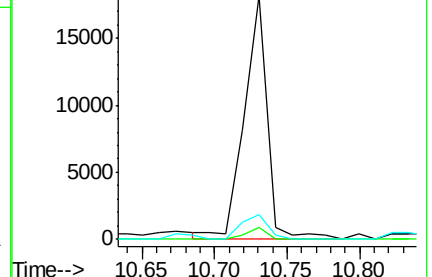
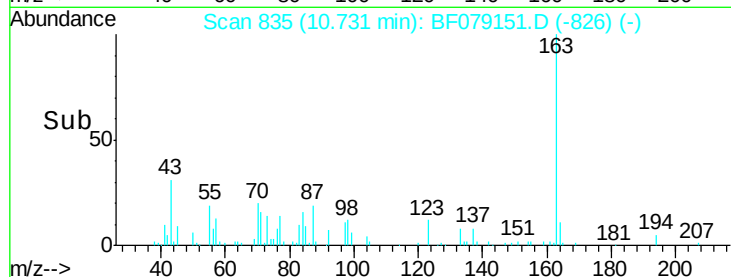
164 10.4 8.1 12.1



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: 12.89 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF079151.D

Acq: 12 May 2015 9:59

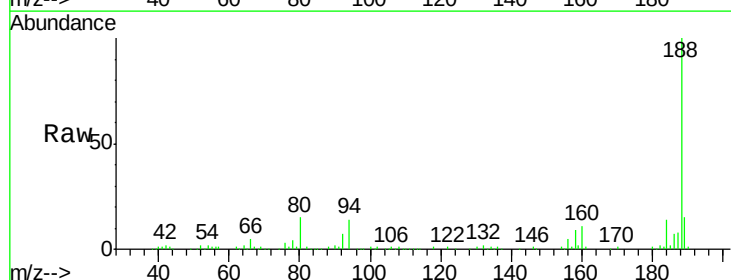
Tgt Ion:188 Resp: 217780

Ion Ratio Lower Upper

188 100

94 13.6 8.2 12.2#

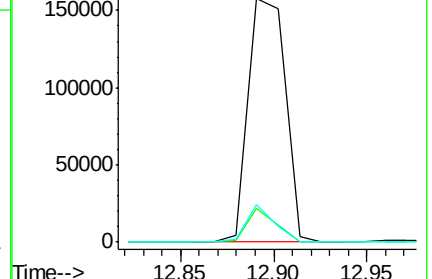
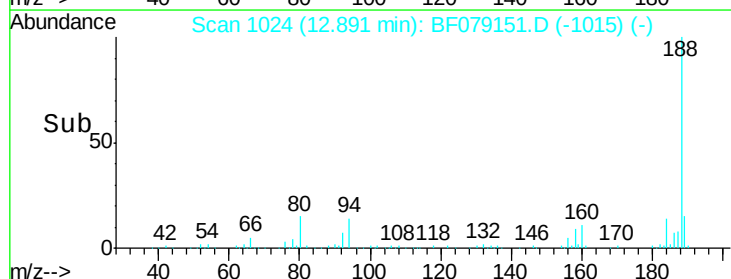
80 15.2 8.9 13.3#

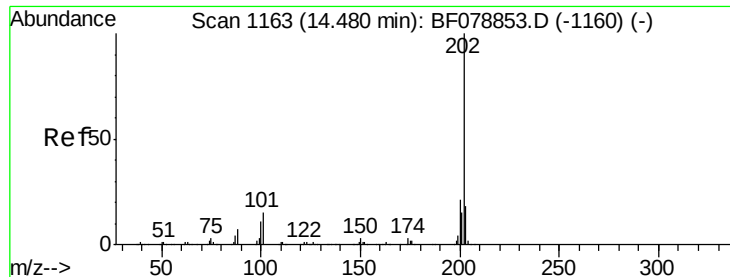


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

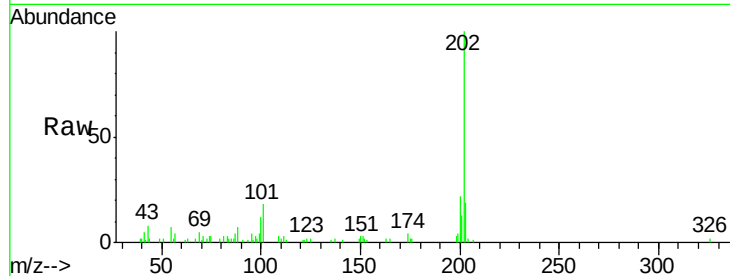




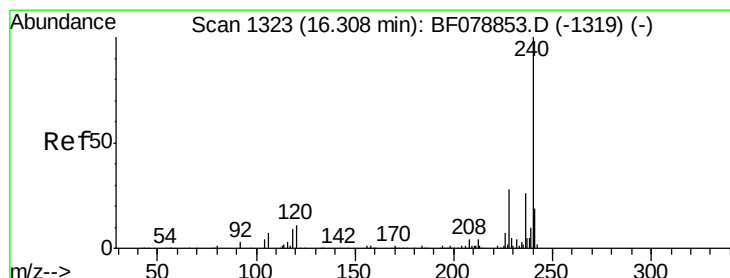
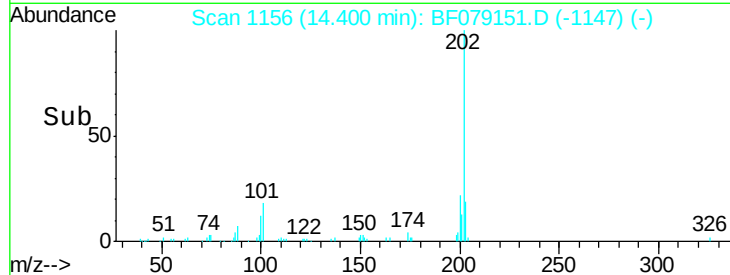
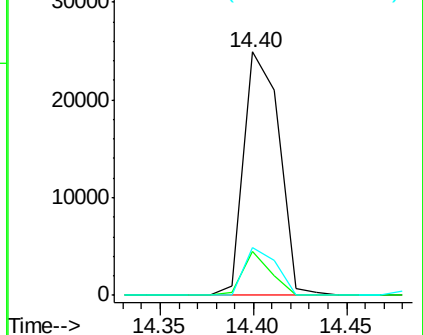
#74
Fluoranthene
Concen: 2.59 ng
RT: 14.40 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF079151.D
Acq: 12 May 2015 9:59

Instrument :
BNA_F
ClientSampleId :
PS-12A(5-10)

Tot Ion:202	Resp:	32841
Ion Ratio	Lower	Upper
202	100	
101	18.1	0.0 34.6
203	19.4	0.0 38.4

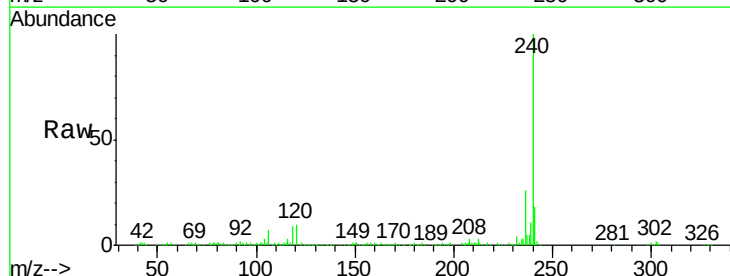


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

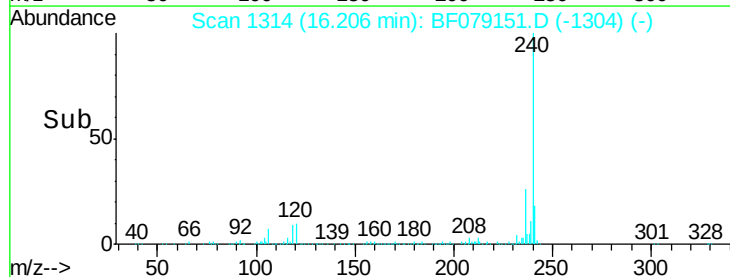
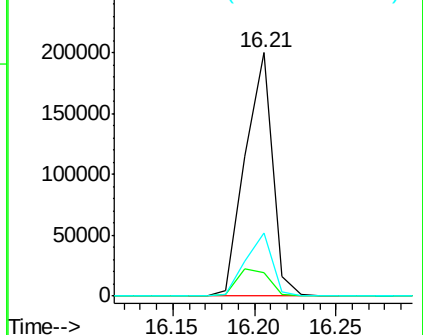


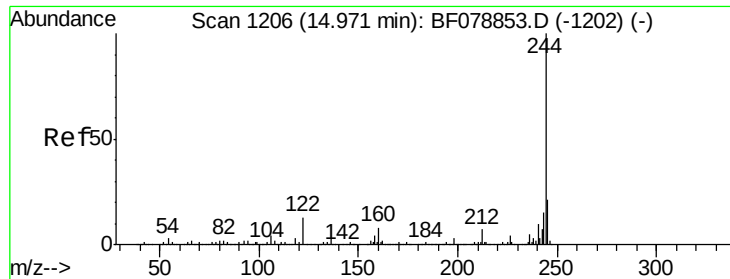
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.21 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF079151.D
Acq: 12 May 2015 9:59

Tgt Ion:240	Resp:	232843
Ion Ratio	Lower	Upper
240	100	
120	9.7	9.7 14.5
236	26.0	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: 55.08 ng

RT: 14.89 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF079151.D

Acq: 12 May 2015 9:59

Instrument :

BNA_F

ClientSampleId :

PS-12A(5-10)

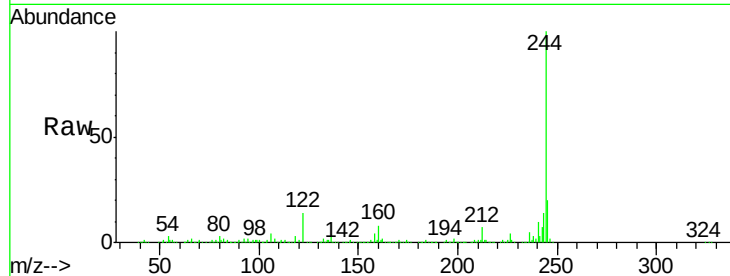
Tot Ion:244 Resp: 535701

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

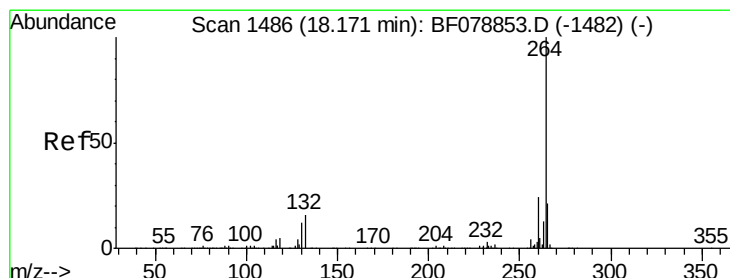
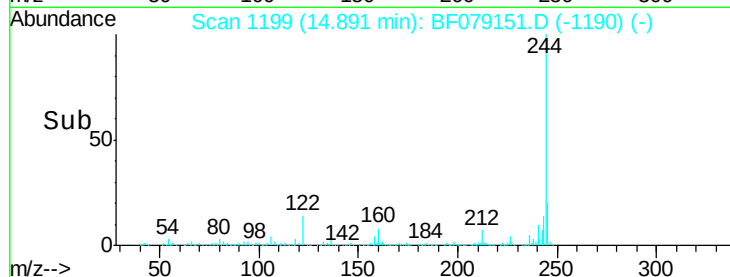
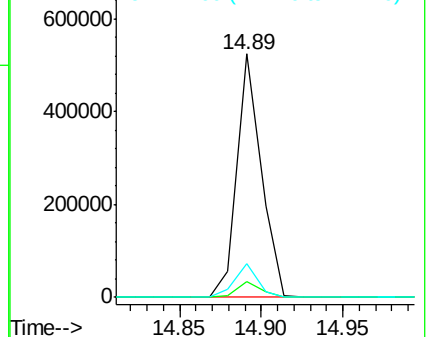
122 14.1 10.3 15.5



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: 18.00 min Scan# 1471

Delta R.T. 0.13 min

Lab File: BF079151.D

Acq: 12 May 2015 9:59

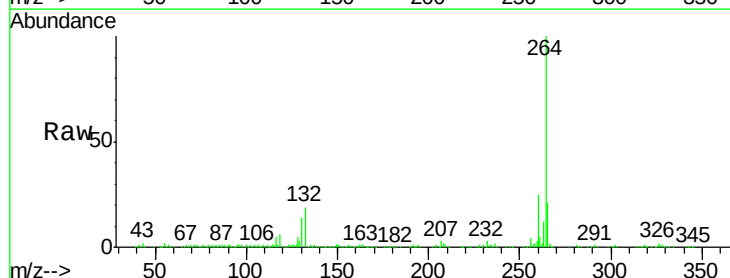
Tgt Ion:264 Resp: 236931

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 21.1 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

