

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
 Data File : BF079092.D
 Acq On : 9 May 2015 20:53
 Operator : TP/IZ
 Sample : G2087-08
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4-5-7

Quant Time: May 11 02:08:51 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 01:50:36 2015
 Response via : Initial Calibration

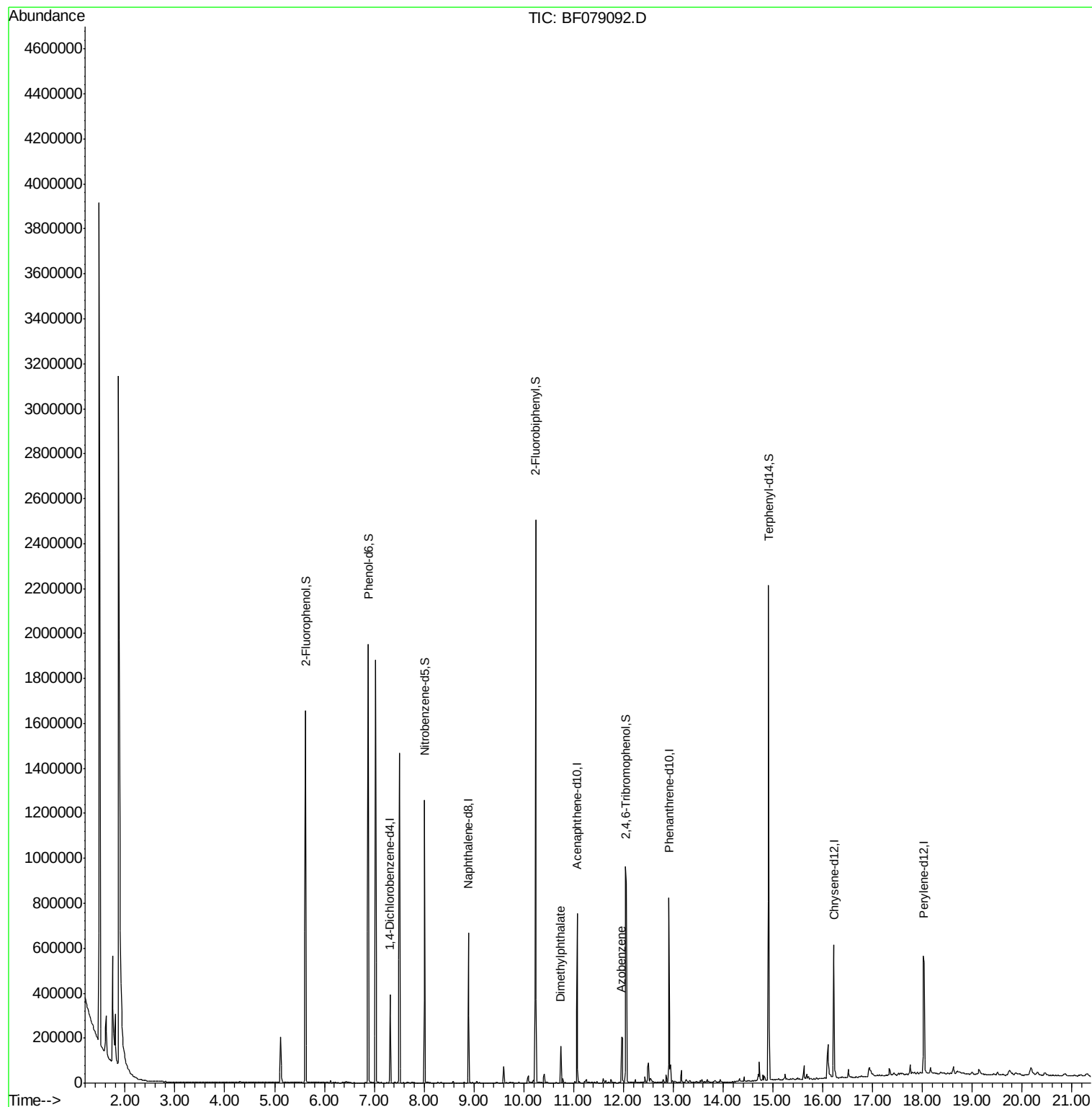
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	80680	20.00	ng	-0.01
21) Naphthalene-d8	8.89	136	339387	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	170956	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	321116	20.00	ng	0.00
75) Chrysene-d12	16.23	240	297863	20.00	ng	0.02
86) Perylene-d12	18.03	264	295197	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	506861	108.14	ng	0.00
7) Phenol-d6	6.88	99	697473	112.58	ng	0.00
23) Nitrobenzene-d5	8.01	82	398513	67.48	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	182490	98.67	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	740094	60.31	ng	0.00
78) Terphenyl-d14	14.91	244	778593	62.58	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.74	163	65115	5.19	ng	Qvalue 99
62) Azobenzene	11.97	77	58970	4.81	ng	# 6

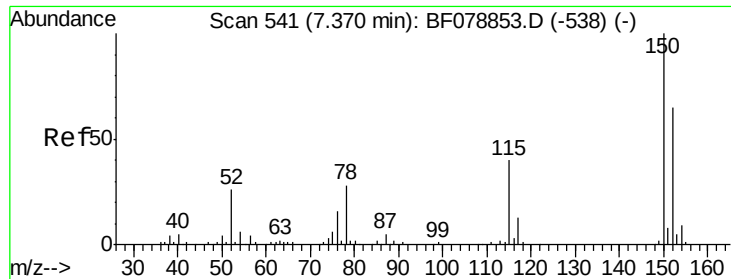
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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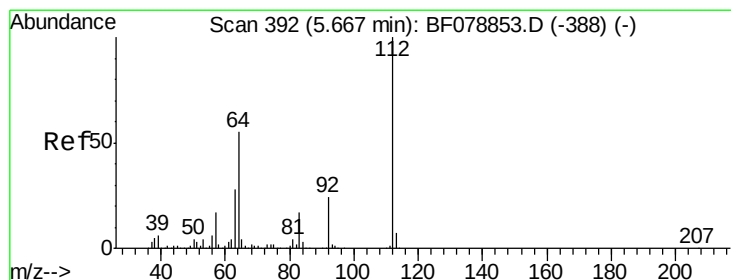
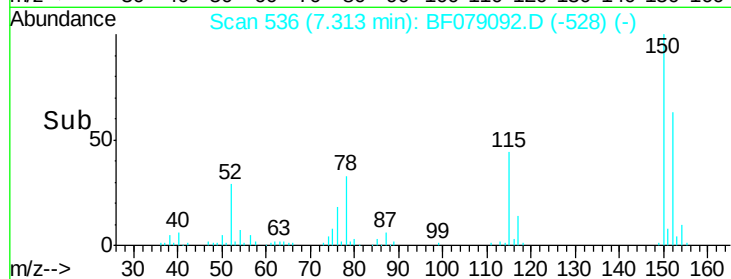
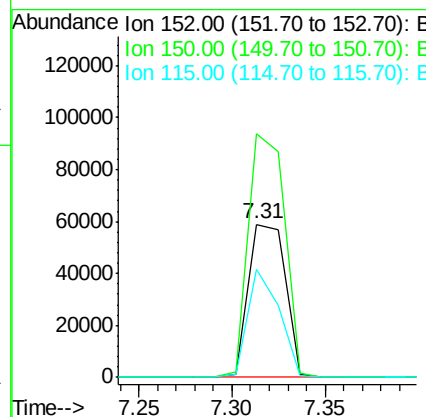
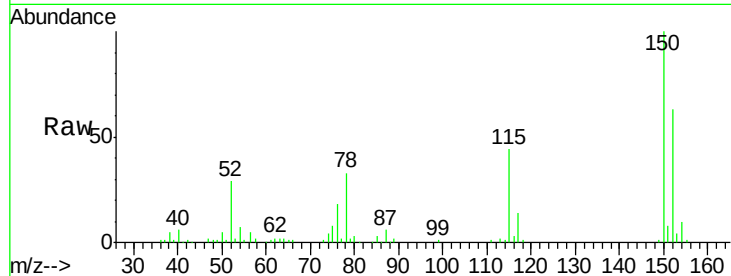




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.31 min Scan# 536
 Delta R.T. -0.01 min
 Lab File: BF079092.D
 Acq: 9 May 2015 20:53

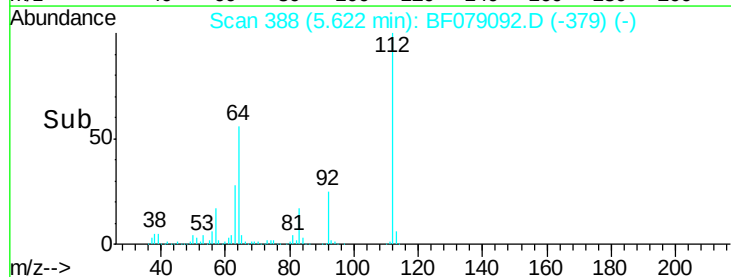
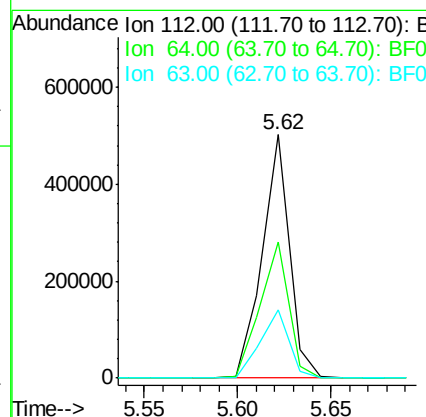
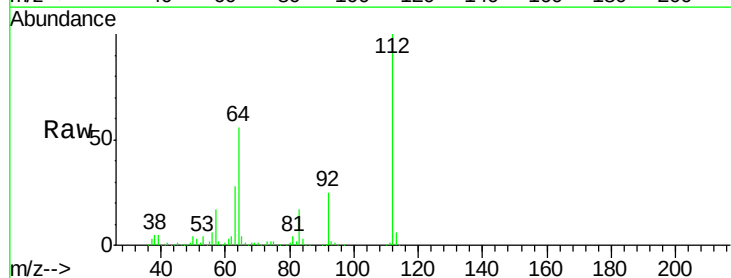
Instrument :
 BNA_F
 ClientSampleId :
 B4-5-7

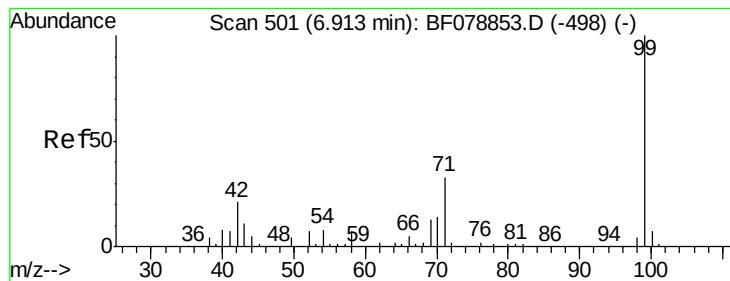
Tgt Ion:152 Resp: 80680
 Ion Ratio Lower Upper
 152 100
 150 158.8 122.0 183.0
 115 70.6 46.3 69.5#



#5
 2-Fluorophenol
 Concen: 108.14 ng
 RT: 5.62 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: BF079092.D
 Acq: 9 May 2015 20:53

Tgt Ion:112 Resp: 506861
 Ion Ratio Lower Upper
 112 100
 64 55.8 53.5 80.3
 63 28.2 27.5 41.3





#7

Phenol-d6

Concen: 112.58 ng

RT: 6.88 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF079092.D

Acq: 9 May 2015 20:53

Instrument :

BNA_F

ClientSampleId :

B4-5-7

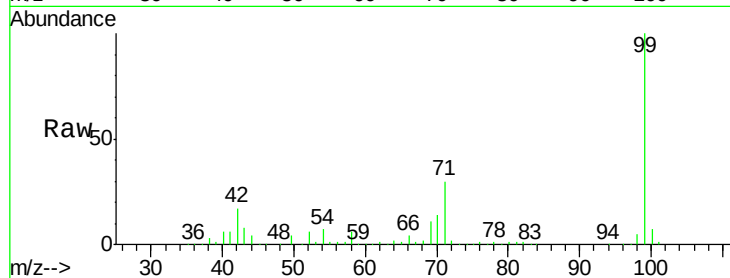
Tgt Ion: 99 Resp: 697473

Ion Ratio Lower Upper

99 100

42 16.7 12.8 19.2

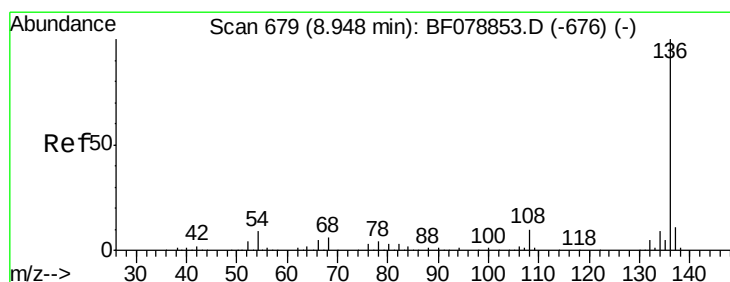
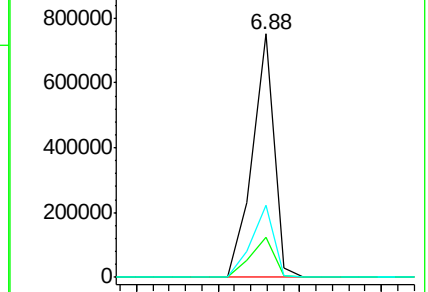
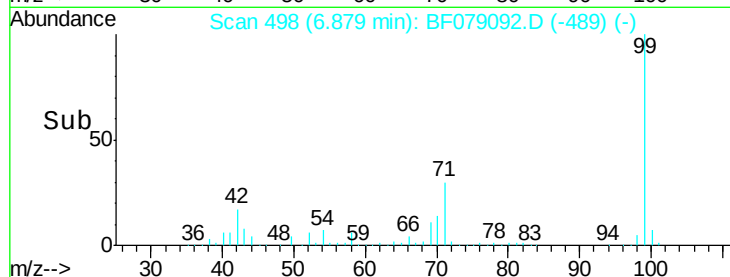
71 29.7 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.89 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF079092.D

Acq: 9 May 2015 20:53

Tgt Ion: 136 Resp: 339387

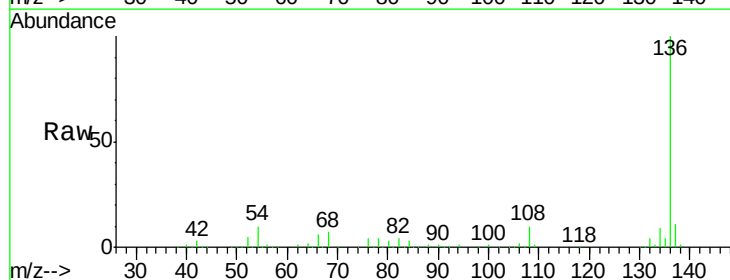
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 9.6 5.8 8.8#

68 7.0 4.2 6.4#

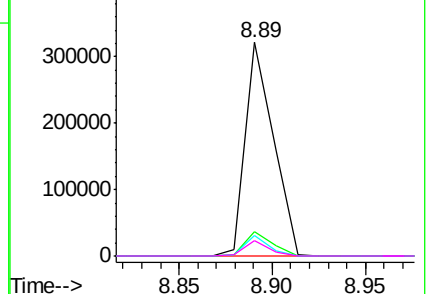
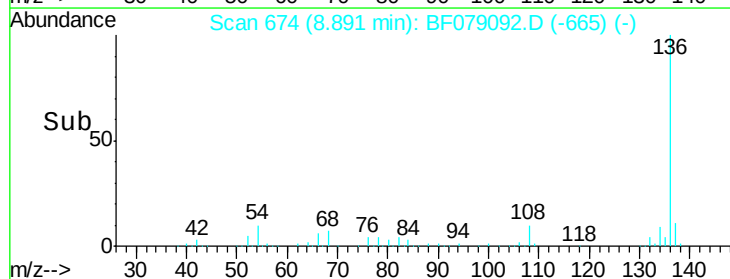


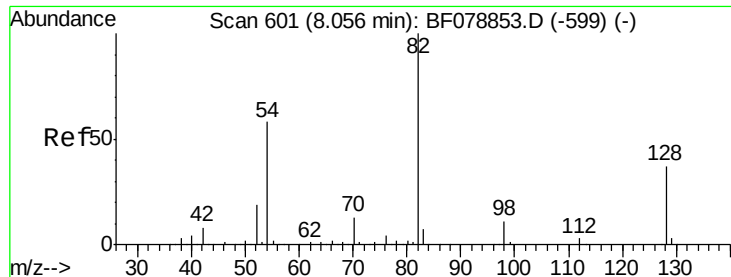
Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

Ion 137.00 (136.70 to 137.70): BF078853.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-676) (-)

Ion 68.00 (67.70 to 68.70): BF078853.D (-676) (-)

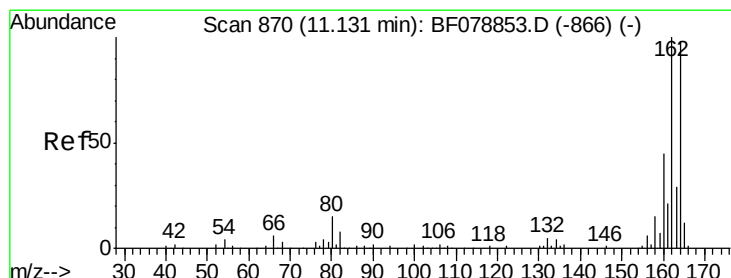
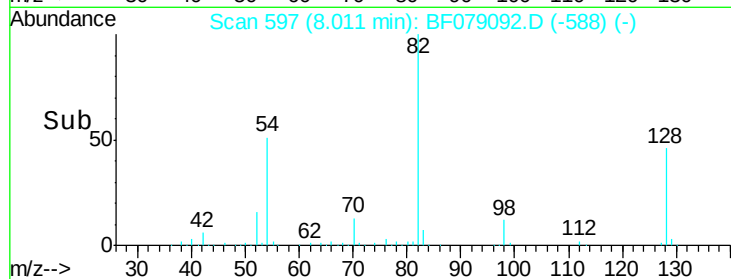
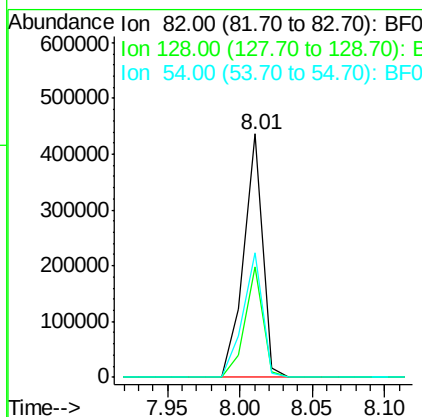
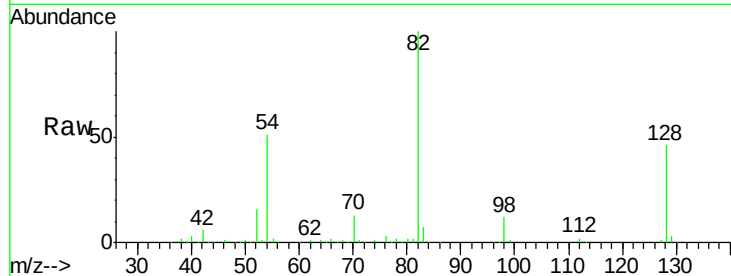




#23
 Nitrobenzene-d5
 Concen: 67.48 ng
 RT: 8.01 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF079092.D
 Acq: 9 May 2015 20:53

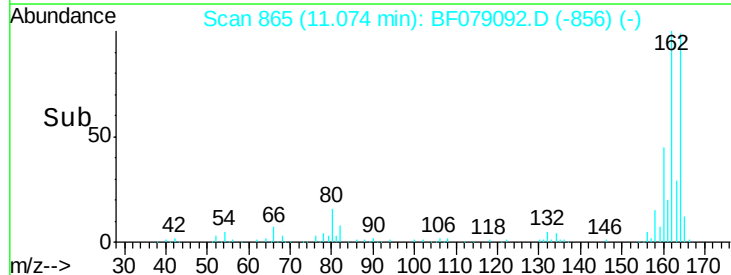
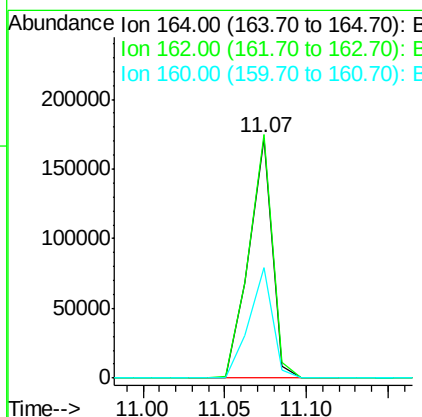
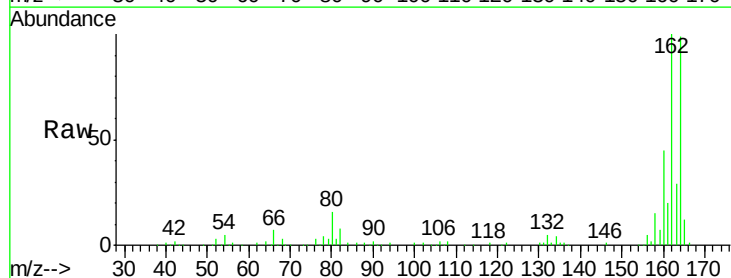
Instrument :
 BNA_F
 ClientSampleId :
 B4-5-7

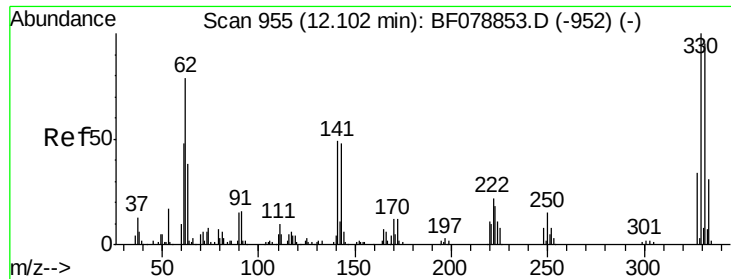
Tgt Ion: 82 Resp: 398513
 Ion Ratio Lower Upper
 82 100
 128 45.5 30.0 45.0#
 54 51.0 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: BF079092.D
 Acq: 9 May 2015 20:53

Tgt Ion: 164 Resp: 170956
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.7 124.1
 160 46.0 35.8 53.8

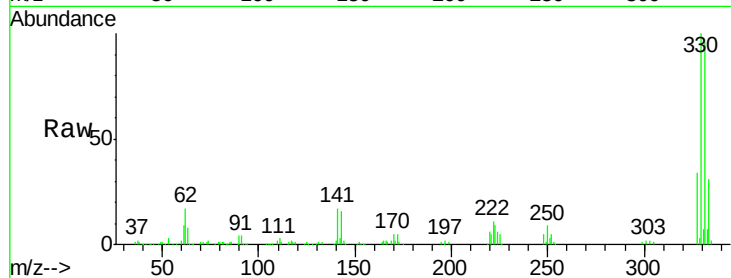




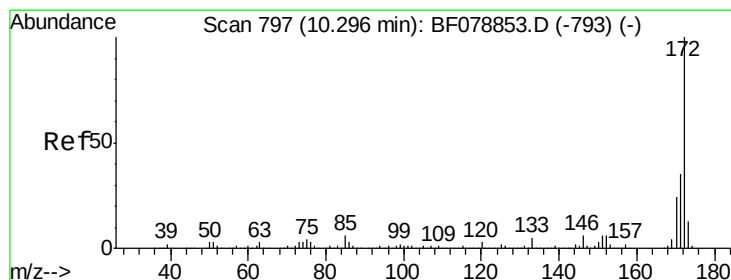
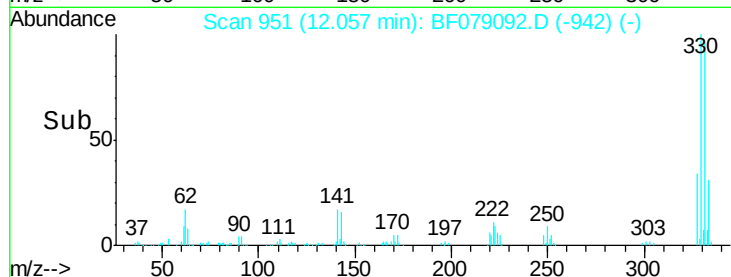
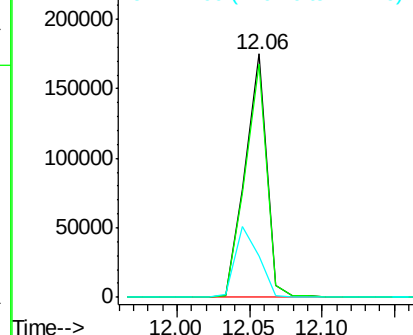
#41
 2,4,6-Tribromophenol
 Concen: 98.67 ng
 RT: 12.06 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF079092.D
 Acq: 9 May 2015 20:53

Instrument :
 BNA_F
 ClientSampleId :
 B4-5-7

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	31.9	0.0	0.0#

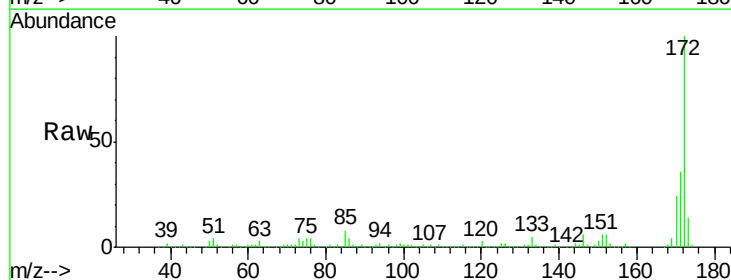


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

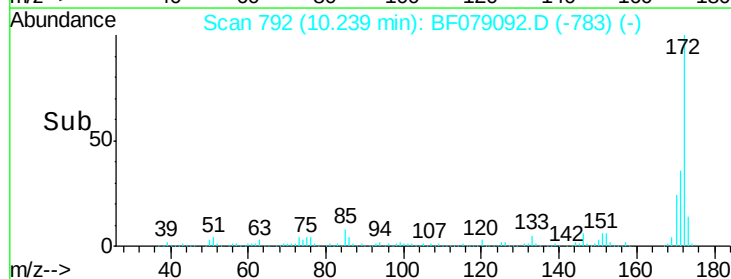
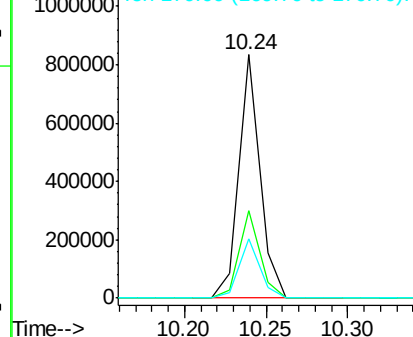


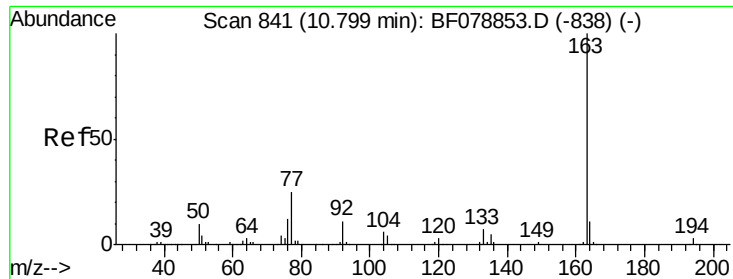
#44
 2-Fluorobiphenyl
 Concen: 60.31 ng
 RT: 10.24 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF079092.D
 Acq: 9 May 2015 20:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.9	41.9
170	24.4	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

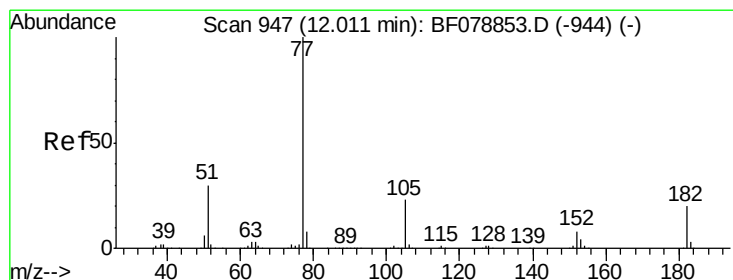
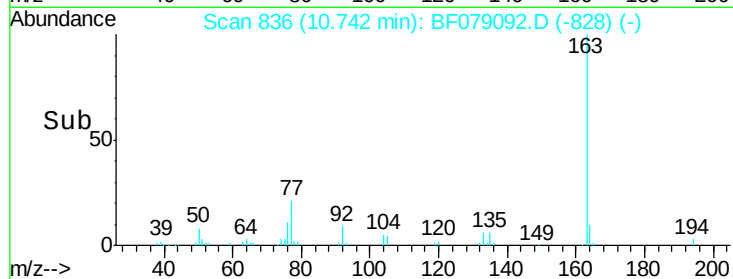
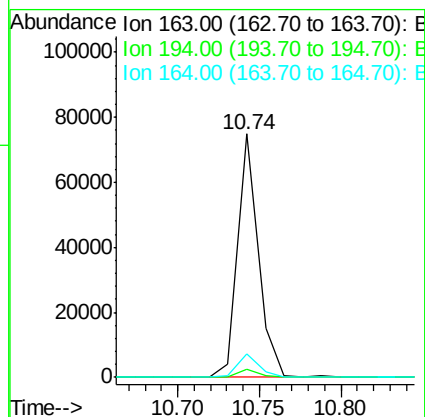
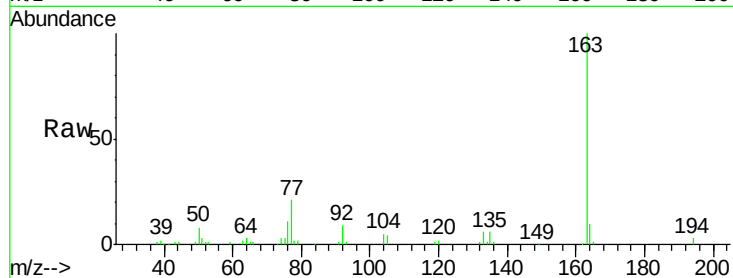




#49
Dimethylphthalate
Concen: 5.19 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF079092.D
Acq: 9 May 2015 20:53

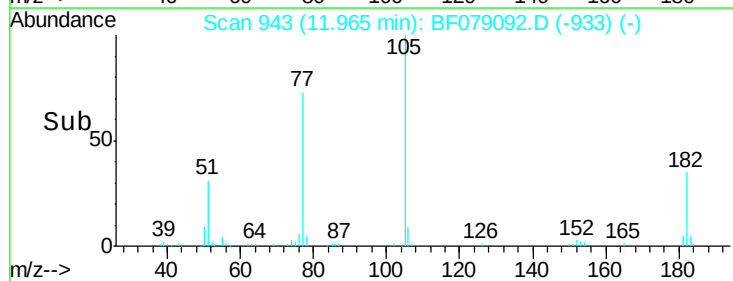
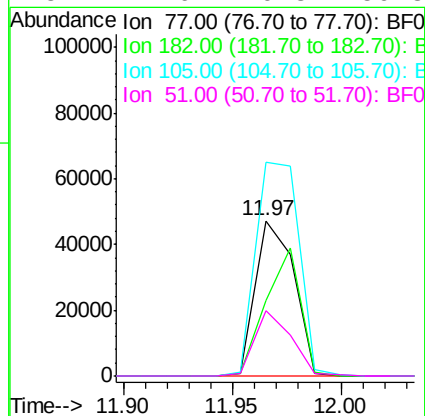
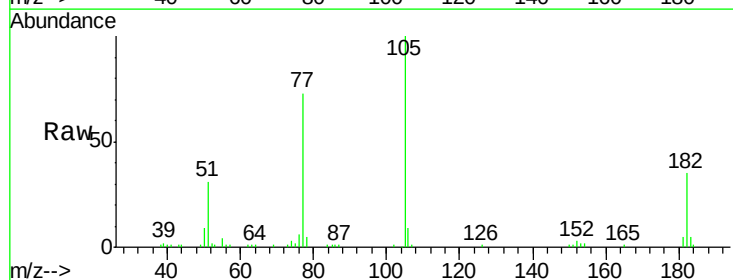
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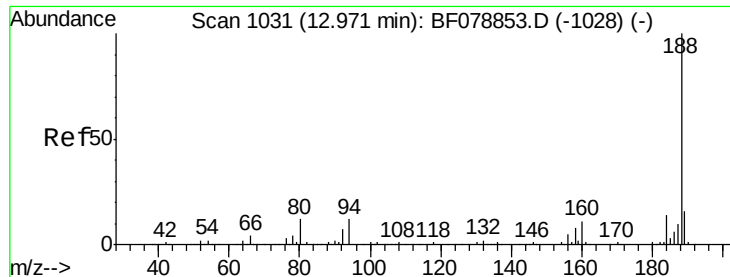
Tgt Ion: 163 Resp: 65115
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.8 8.1 12.1



#62
Azobenzene
Concen: 4.81 ng
RT: 11.97 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF079092.D
Acq: 9 May 2015 20:53

Tgt Ion: 77 Resp: 58970
Ion Ratio Lower Upper
77 100
182 48.6 3.8 43.8#
105 137.9 3.9 43.9#
51 42.6 10.8 50.8

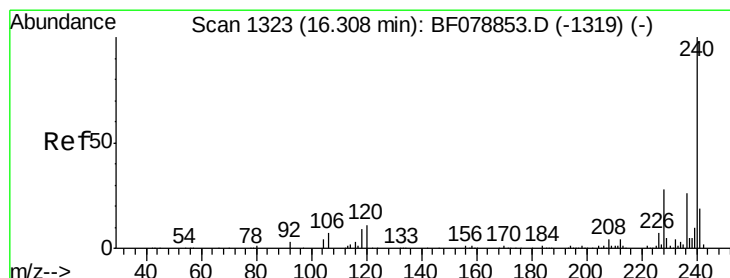
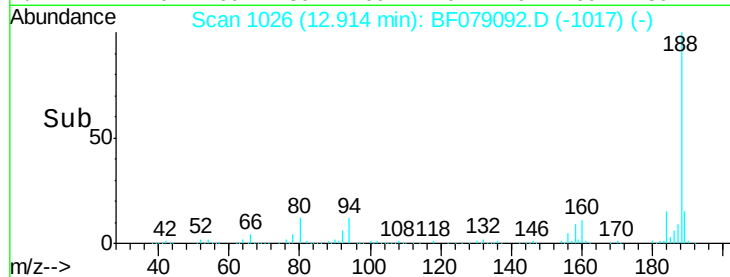
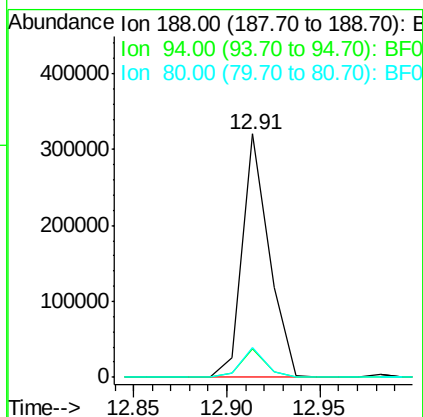
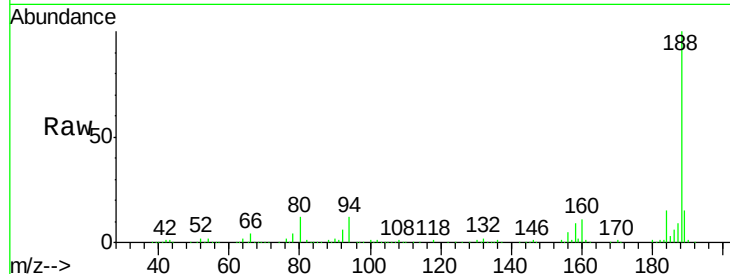




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF079092.D
Acq: 9 May 2015 20:53

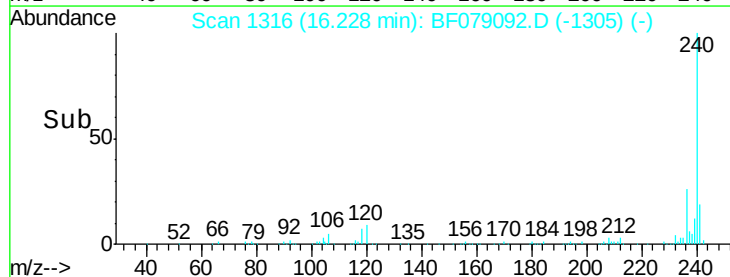
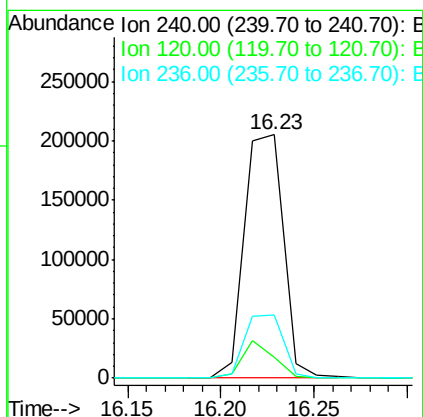
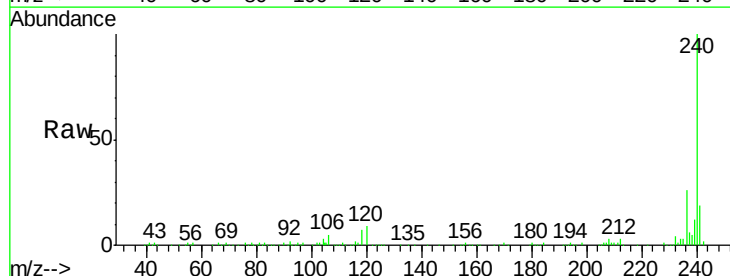
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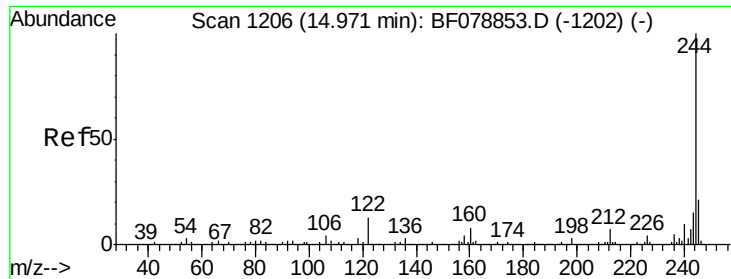
Tgt Ion:188 Resp: 321116
Ion Ratio Lower Upper
188 100
94 11.6 8.2 12.2
80 12.5 8.9 13.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.23 min Scan# 1316
Delta R.T. 0.02 min
Lab File: BF079092.D
Acq: 9 May 2015 20:53

Tgt Ion:240 Resp: 297863
Ion Ratio Lower Upper
240 100
120 8.5 9.7 14.5#
236 25.7 20.2 30.4

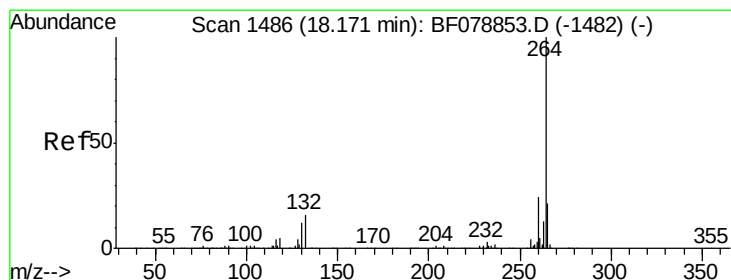
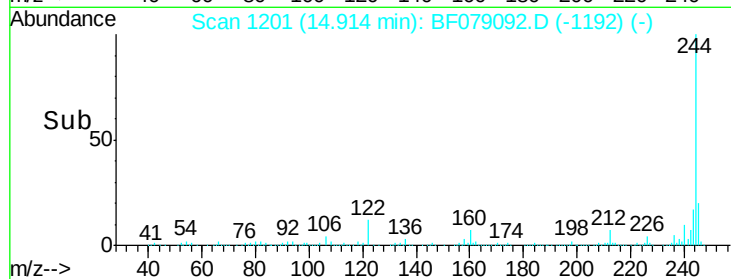
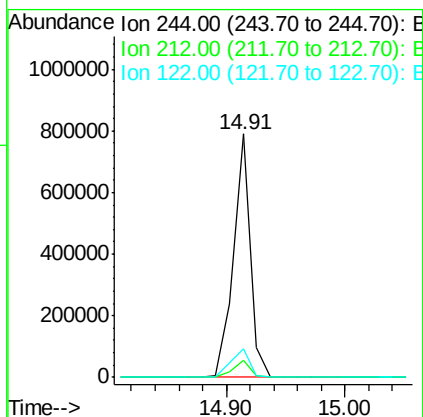
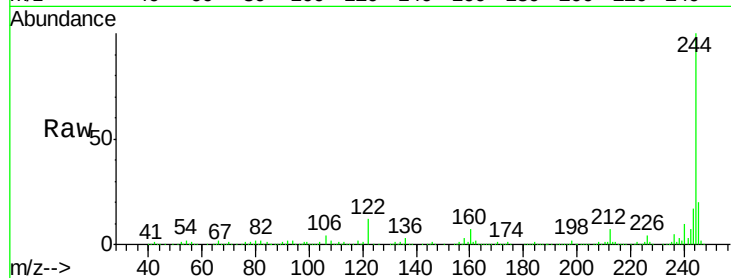




#78
 Terphenyl-d14
 Concen: 62.58 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF079092.D
 Acq: 9 May 2015 20:53

Instrument :
 BNA_F
 ClientSampleId :
 B4-5-7

Tgt Ion:244 Resp: 778593
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.03 min Scan# 1474
 Delta R.T. 0.11 min
 Lab File: BF079092.D
 Acq: 9 May 2015 20:53

Tgt Ion:264 Resp: 295197
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.8 18.3 27.5

