

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
 Data File : BF084347.D
 Acq On : 9 Jan 2016 1:53
 Operator : SJ/UM
 Sample : H1036-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-DRUM2

Quant Time: Jan 09 04:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

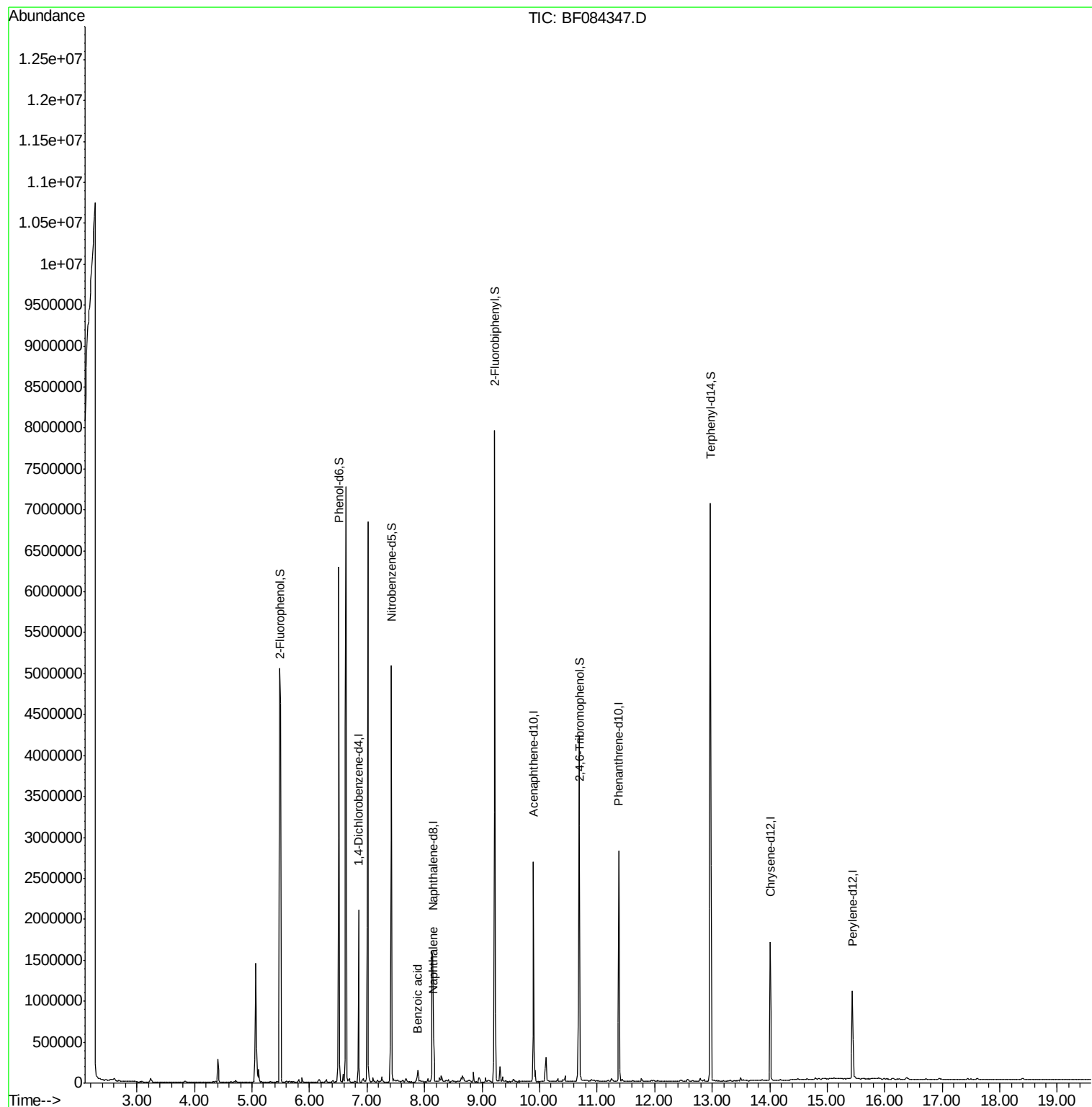
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	260796	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1085416	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	520912	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	982370	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	673501	20.00	ng	-0.06
86) Perylene-d12	15.44	264	505765	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1975450	122.52	ng	0.00
7) Phenol-d6	6.51	99	2127059	105.04	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1886328	96.72	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	774863	147.34	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2643720	89.62	ng	-0.05
78) Terphenyl-d14	12.97	244	2608008	86.44	ng	-0.05
Target Compounds						
31) Naphthalene	8.16	128	261697	5.31	ng	98
32) Benzoic acid	7.87	122	7848	6.83	ng	90

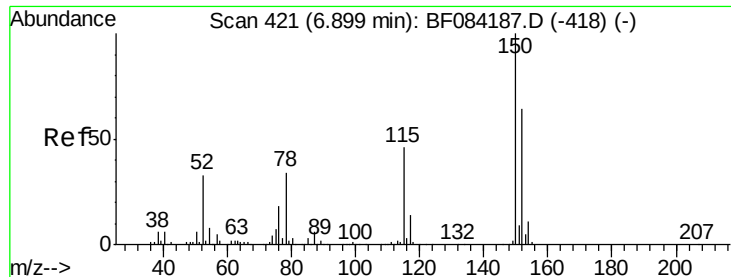
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_F
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Quant Time: Jan 09 04:52:53 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084347.D

Acq: 9 Jan 2016 1:53

Instrument :

BNA_F

ClientSampleId :

WC-DRUM2

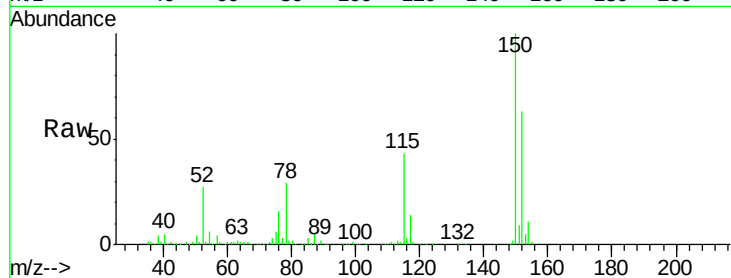
Tgt Ion:152 Resp: 260796

Ion Ratio Lower Upper

152 100

150 157.9 123.0 184.4

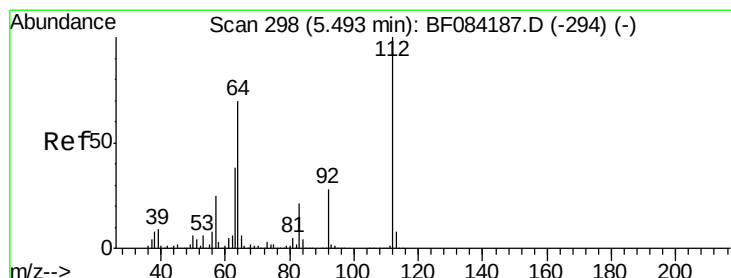
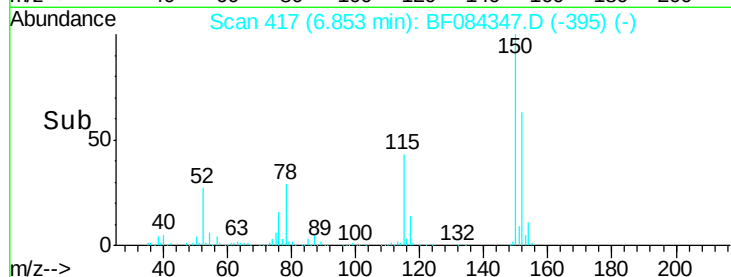
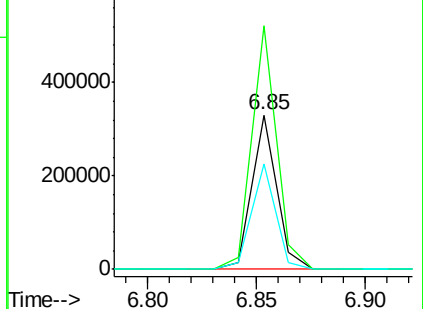
115 68.7 51.4 77.2



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: 122.52 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084347.D

Acq: 9 Jan 2016 1:53

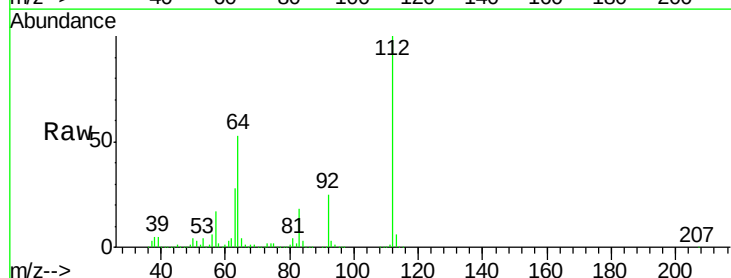
Tgt Ion:112 Resp: 1975450

Ion Ratio Lower Upper

112 100

64 53.0 36.6 55.0

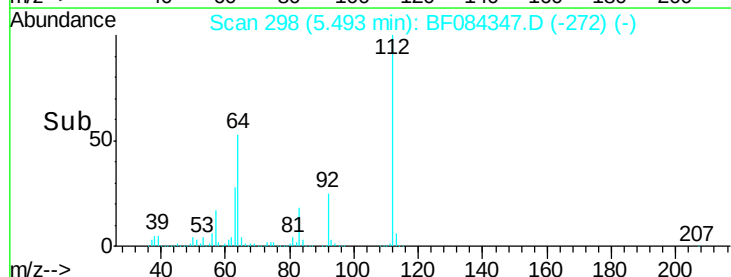
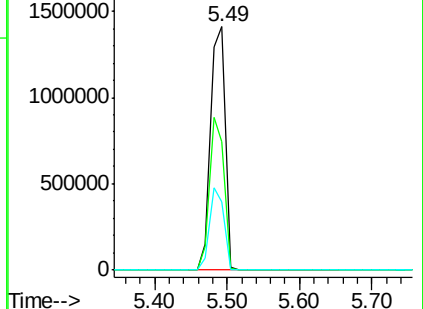
63 28.1 19.4 29.0

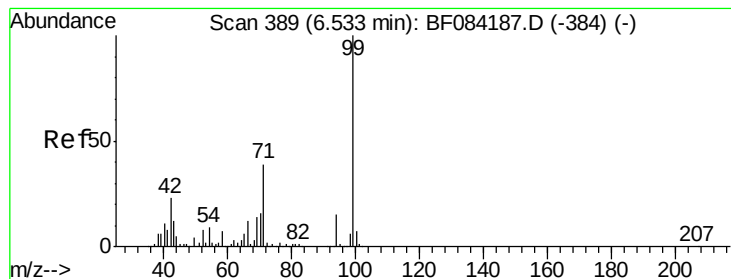


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.04 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084347.D

Acq: 9 Jan 2016 1:53

Instrument :

BNA_F

ClientSampled :

WC-DRUM2

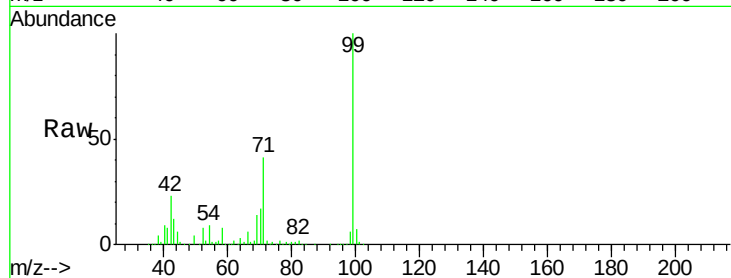
Tgt Ion: 99 Resp: 2127059

Ion Ratio Lower Upper

99 100

42 22.7 12.8 19.2#

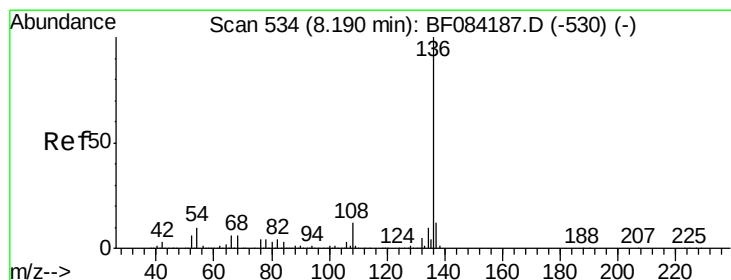
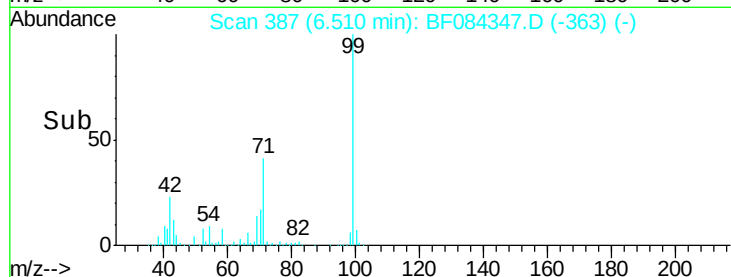
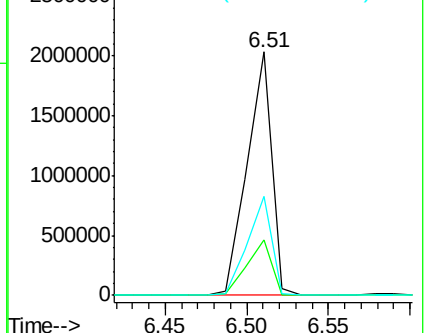
71 40.7 30.9 46.3



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: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084347.D

Acq: 9 Jan 2016 1:53

Tgt Ion: 136 Resp: 1085416

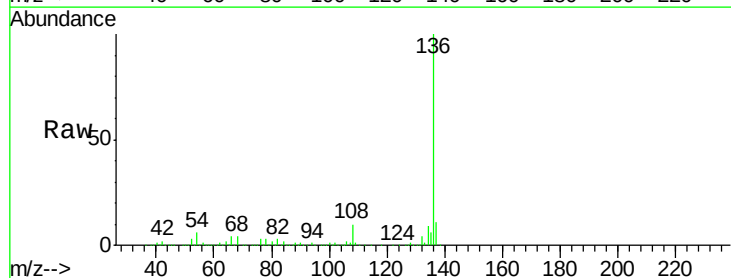
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.3 5.8 8.8

68 3.6 4.2 6.2#

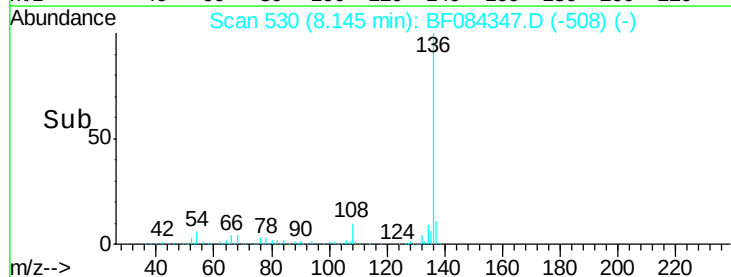
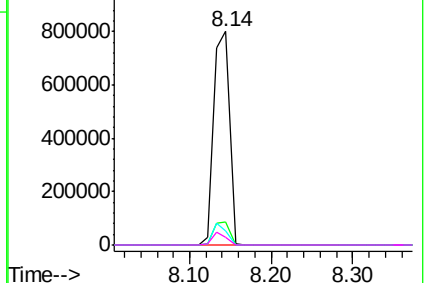


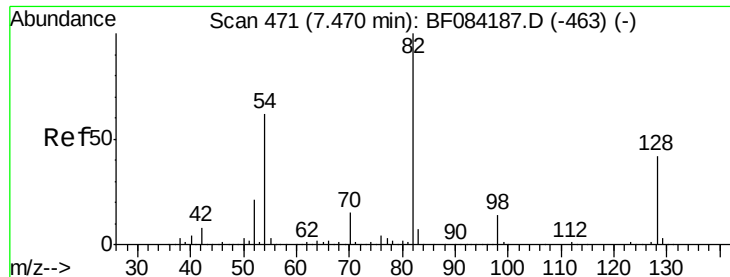
Abundance Ion 136.00 (135.70 to 136.70): E

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

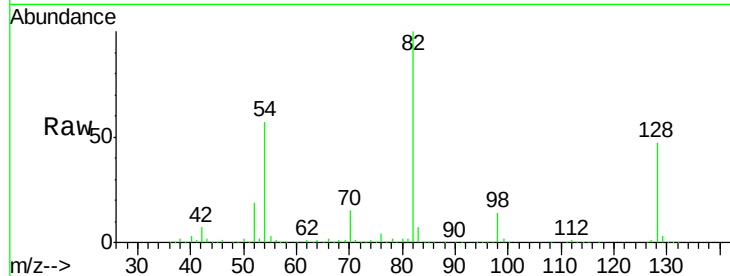




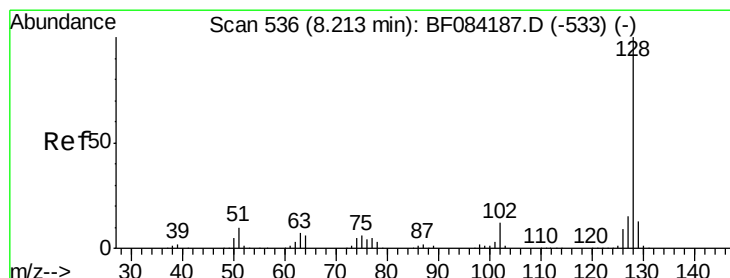
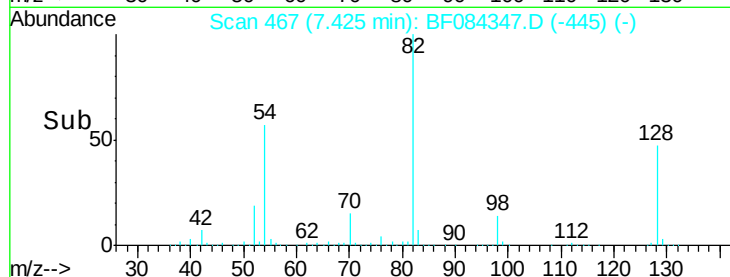
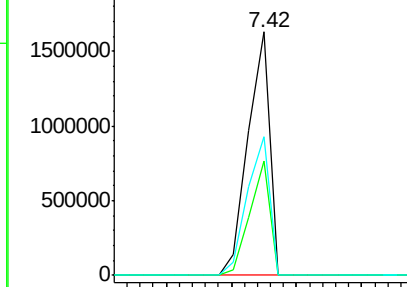
#23
Nitrobenzene-d5
Concen: 96.72 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084347.D
Acq: 9 Jan 2016 1:53

Instrument :
BNA_F
ClientSampleId :
WC-DRUM2

Tgt Ion: 82 Resp: 1886328
Ion Ratio Lower Upper
82 100
128 46.9 34.6 51.8
54 56.8 38.4 57.6

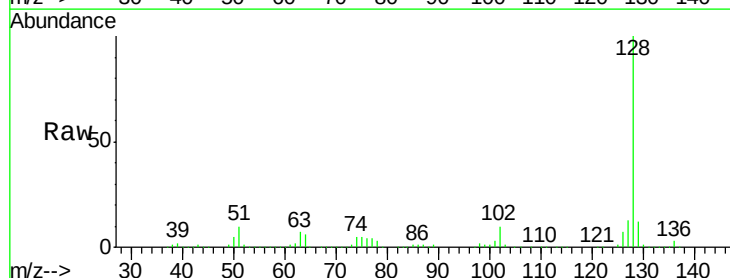


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

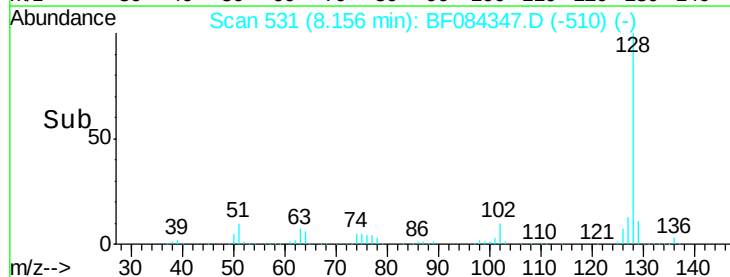
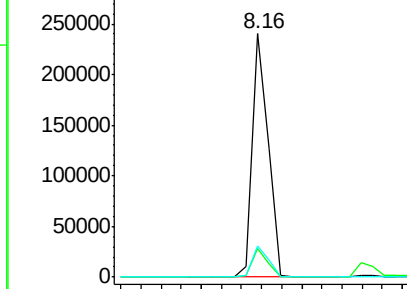


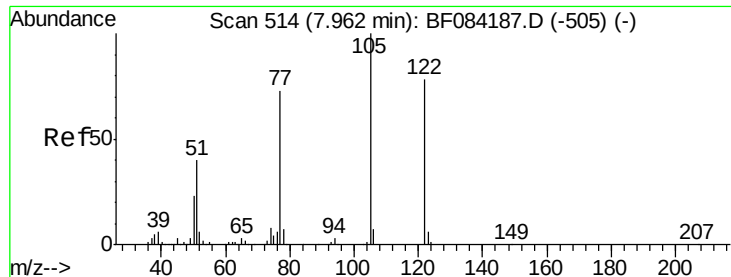
#31
Naphthalene
Concen: 5.31 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF084347.D
Acq: 9 Jan 2016 1:53

Tgt Ion: 128 Resp: 261697
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 12.6 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

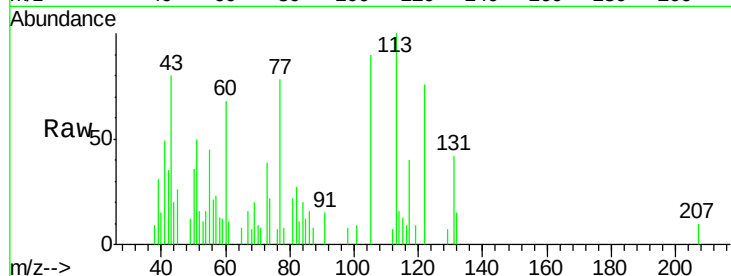




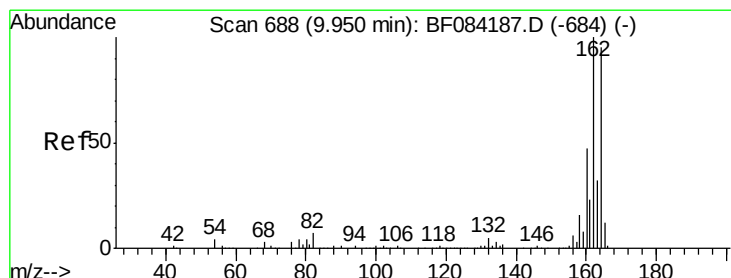
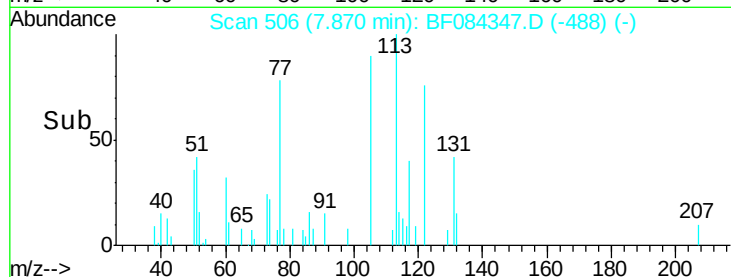
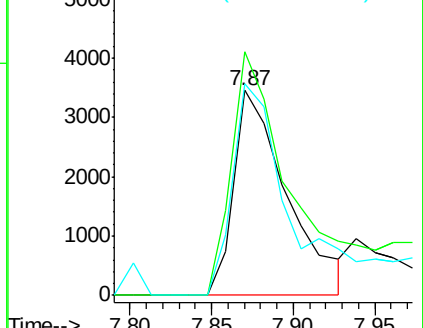
#32
Benzoic acid
Concen: 6.83 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.09 min
Lab File: BF084347.D
Acq: 9 Jan 2016 1:53

Instrument :
BNA_F
ClientSampleId :
WC-DRUM2

Tgt Ion:122 Resp: 7848
Ion Ratio Lower Upper
122 100
105 118.7 100.3 140.3
77 103.0 63.5 103.5

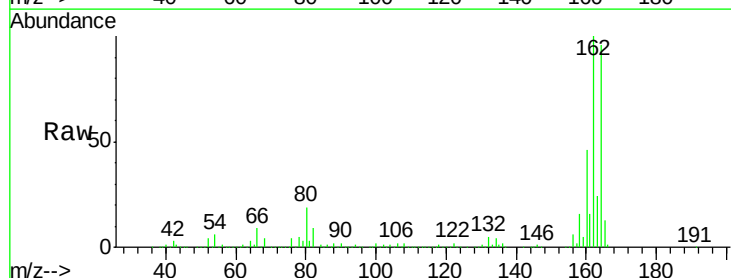


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

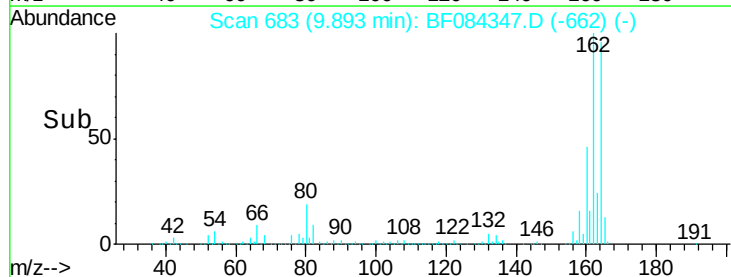
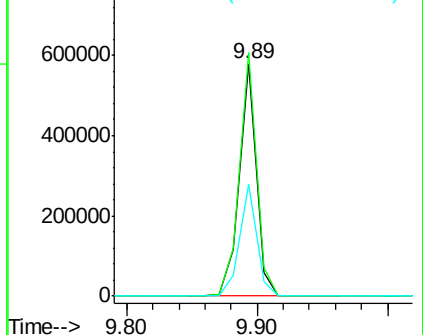


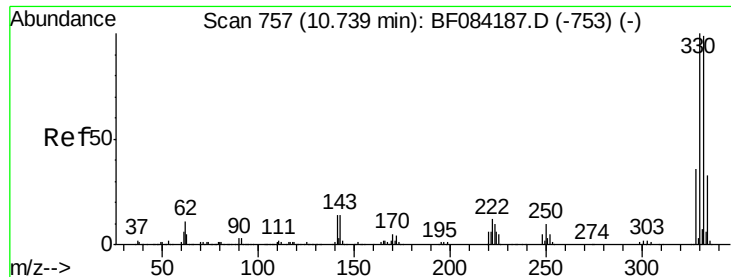
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084347.D
Acq: 9 Jan 2016 1:53

Tgt Ion:164 Resp: 520912
Ion Ratio Lower Upper
164 100
162 104.6 85.1 127.7
160 48.3 37.5 56.3



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

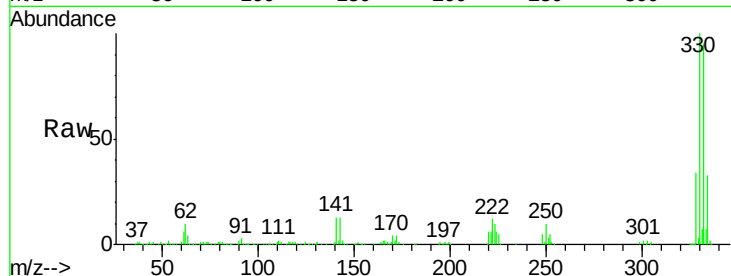




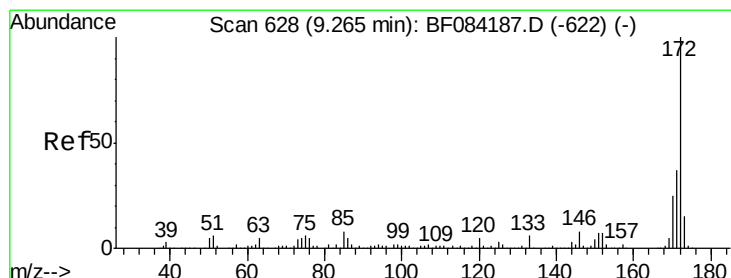
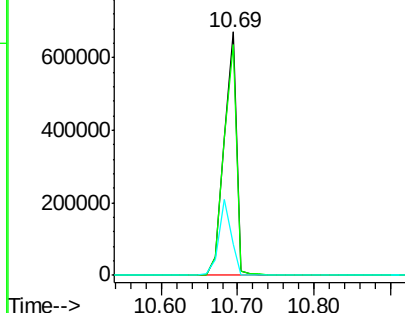
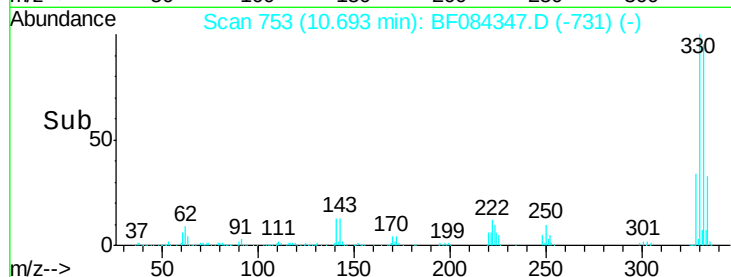
#41
 2,4,6-Tribromophenol
 Concen: 147.34 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084347.D
 Acq: 9 Jan 2016 1:53

Instrument :
 BNA_F
 ClientSampleId :
 WC-DRUM2

Tgt Ion:330 Resp: 774863
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 31.4 27.8 41.6

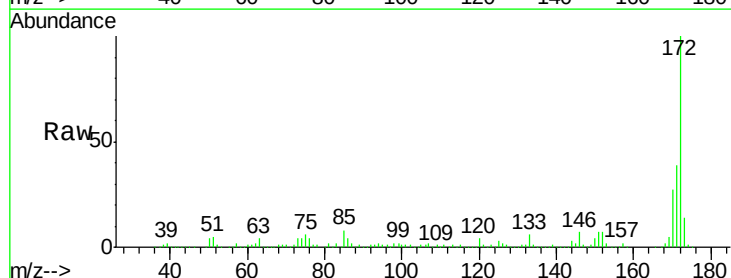


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

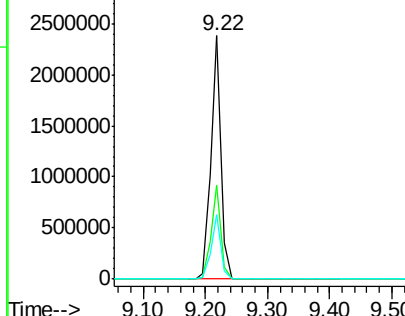
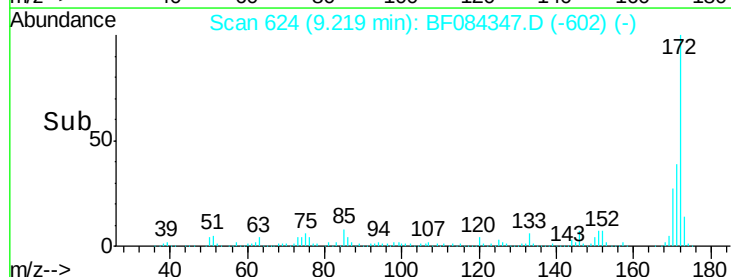


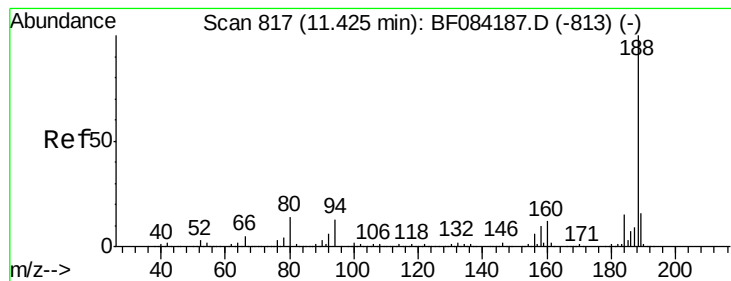
#44
 2-Fluorobiphenyl
 Concen: 89.62 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084347.D
 Acq: 9 Jan 2016 1:53

Tgt Ion:172 Resp: 2643720
 Ion Ratio Lower Upper
 172 100
 171 38.6 28.9 43.3
 170 26.6 18.6 27.8



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084347.D

Acq: 9 Jan 2016 1:53

Instrument :

BNA_F

ClientSampleId :

WC-DRUM2

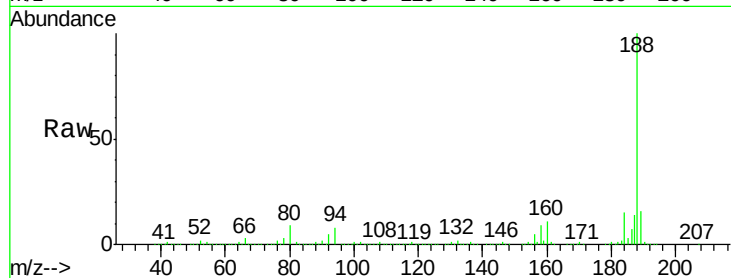
Tgt Ion:188 Resp: 982370

Ion Ratio Lower Upper

188 100

94 8.3 9.0 13.4#

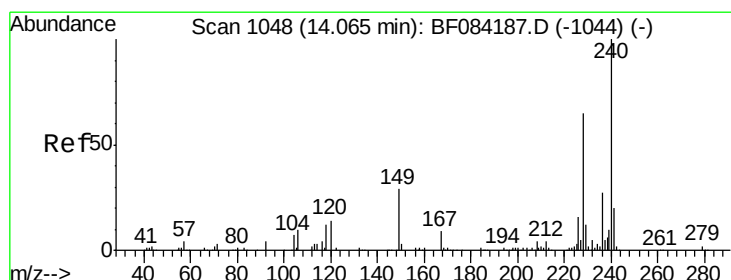
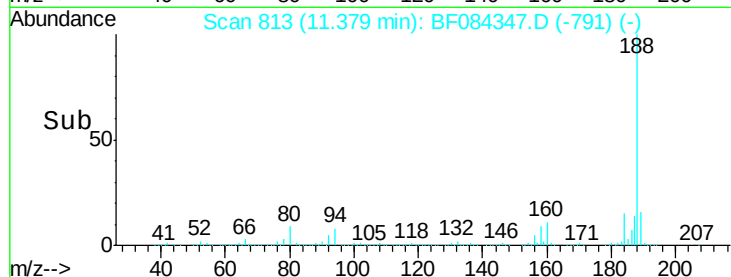
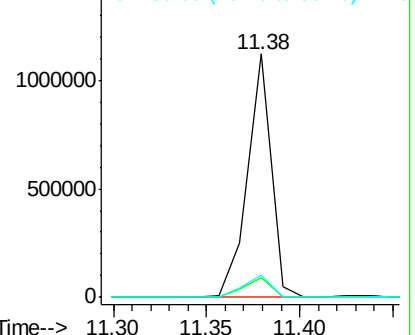
80 9.1 9.6 14.4#



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: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084347.D

Acq: 9 Jan 2016 1:53

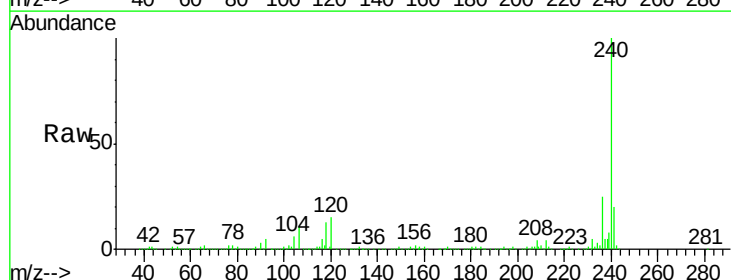
Tgt Ion:240 Resp: 673501

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

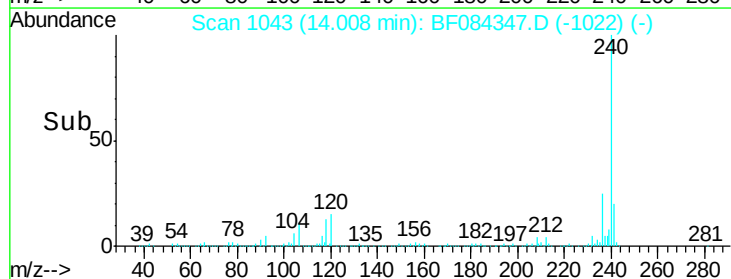
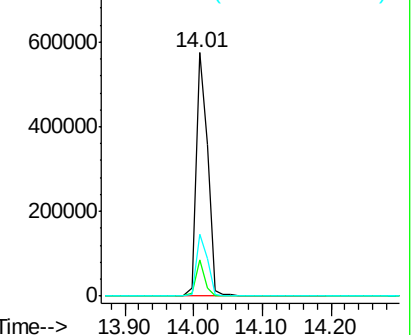
236 25.4 20.6 31.0

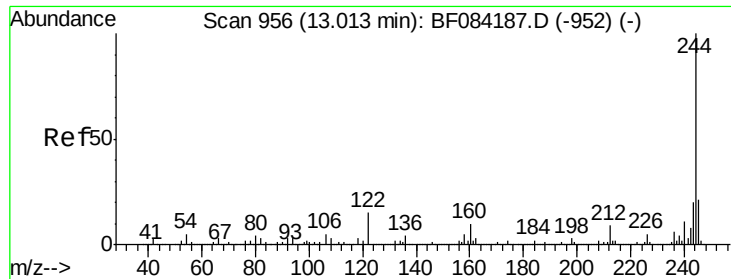


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

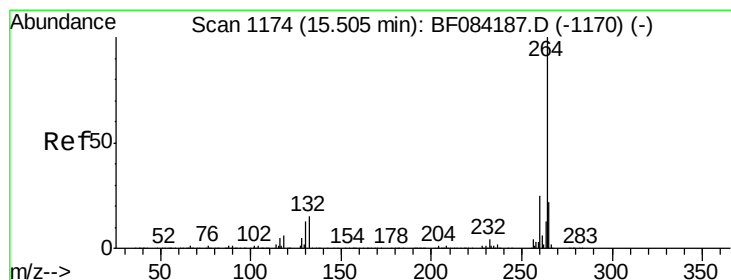
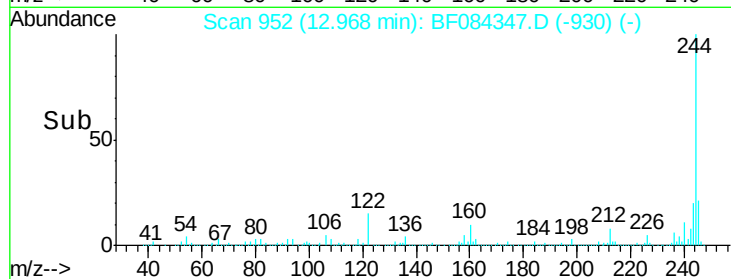
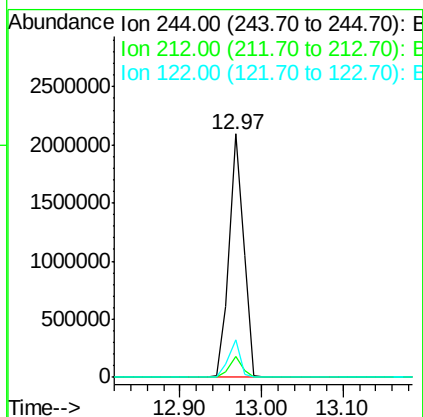
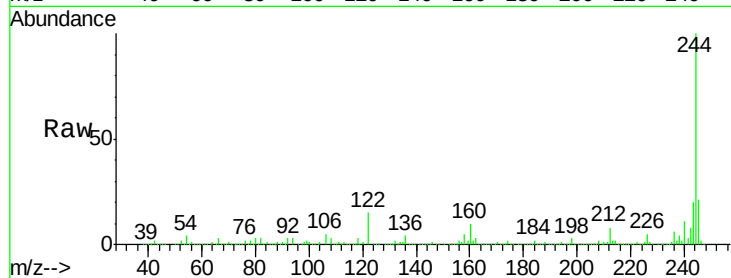




#78
 Terphenyl-d14
 Concen: 86.44 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084347.D
 Acq: 9 Jan 2016 1:53

Instrument :
 BNA_F
 ClientSampled :
 WC-DRUM2

Tgt Ion:244 Resp: 2608008
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.7 8.5
 122 15.2 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.07 min
 Lab File: BF084347.D
 Acq: 9 Jan 2016 1:53

Tgt Ion:264 Resp: 505765
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 21.8 17.8 26.6

