

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040516\
 Data File : BF086084.D
 Acq On : 5 Apr 2016 20:04
 Operator : UM/SJ
 Sample : H2170-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1505133102-03-04-05

Quant Time: Apr 06 01:10:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

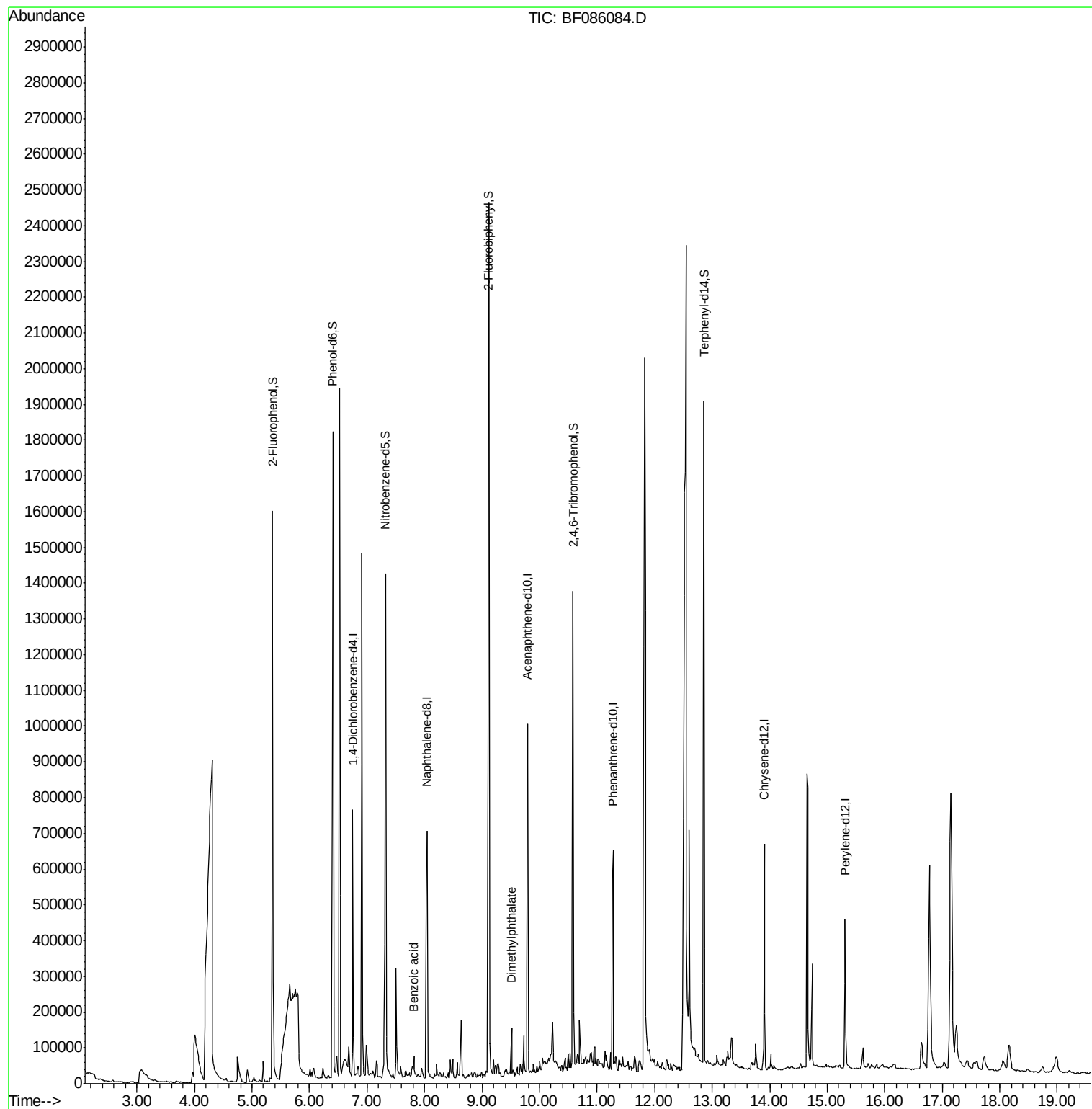
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	105593	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	414407	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	191056	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	320052	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	207573	20.00	ng	-0.02
86) Perylene-d12	15.31	264	192769	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	573462	92.83	ng	-0.01
7) Phenol-d6	6.41	99	738125	94.07	ng	-0.01
23) Nitrobenzene-d5	7.32	82	462233	65.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	149136	83.17	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	778963	67.79	ng	-0.02
78) Terphenyl-d14	12.85	244	530649	60.09	ng	-0.02
Target Compounds						Qvalue
32) Benzoic acid	7.81	122	10099	2.08	ng	92
49) Dimethylphthalate	9.52	163	61463	4.34	ng	99

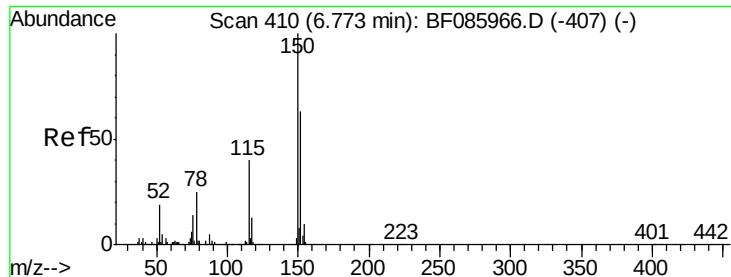
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF086084.D

Acq: 5 Apr 2016 20:04

Instrument :

BNA_F

ClientSampleId :

1505133102-03-04-05

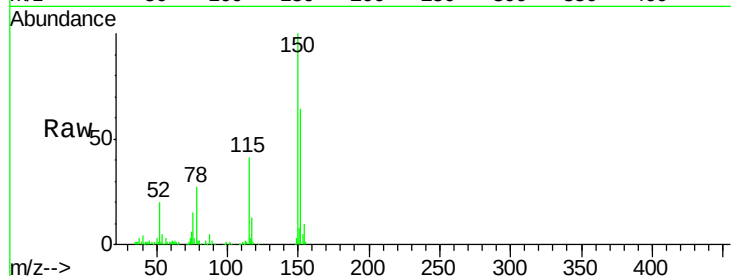
Tot Ion:152 Resp: 105593

Ion Ratio Lower Upper

152 100

150 156.9 124.2 186.2

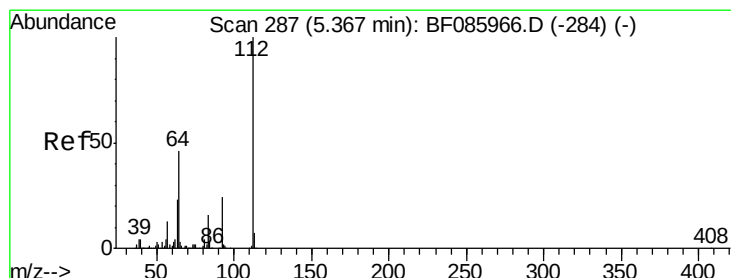
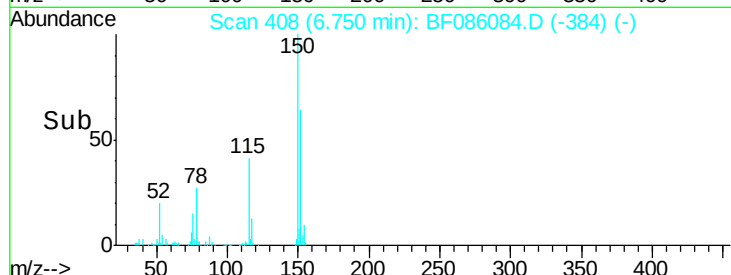
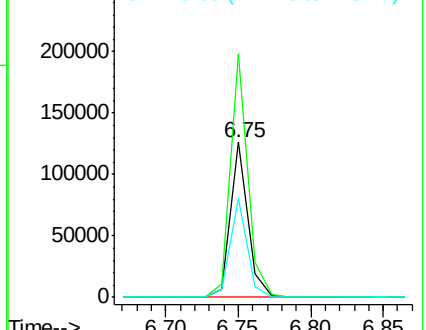
115 64.1 47.0 70.6



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: 92.83 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF086084.D

Acq: 5 Apr 2016 20:04

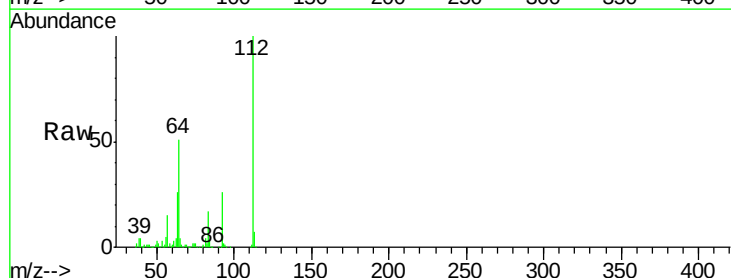
Tgt Ion:112 Resp: 573462

Ion Ratio Lower Upper

112 100

64 50.9 39.9 59.9

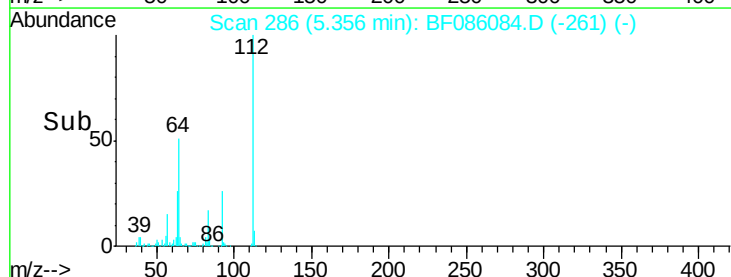
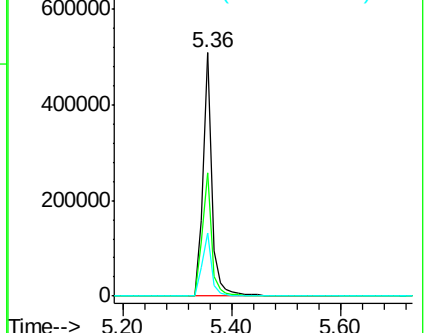
63 25.9 20.2 30.2

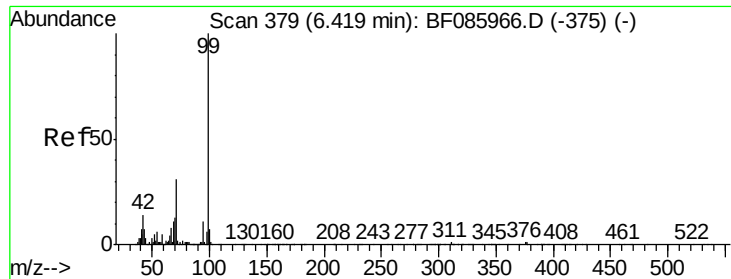


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.07 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086084.D

Acq: 5 Apr 2016 20:04

Instrument :

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ClientSampleId :

1505133102-03-04-05

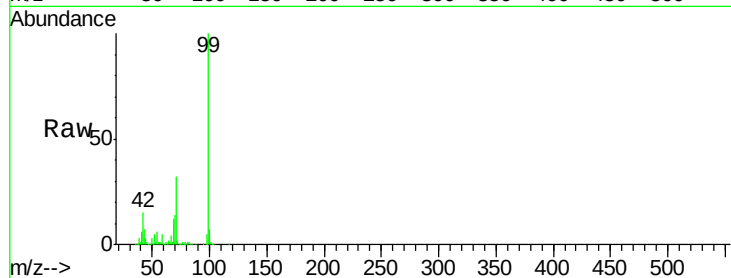
Tot Ion: 99 Resp: 738125

Ion Ratio Lower Upper

99 100

42 14.8 11.1 16.7

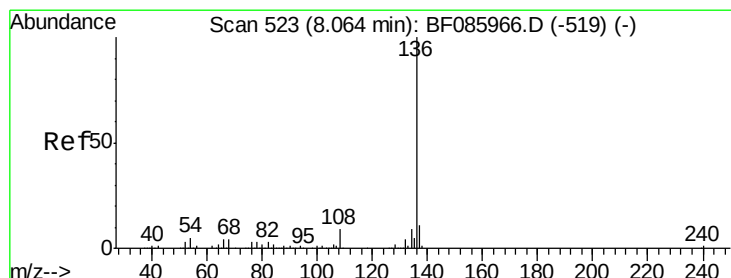
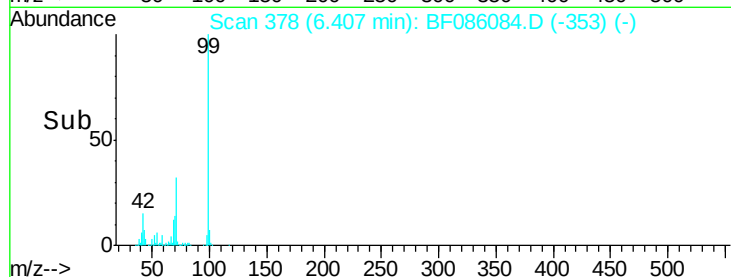
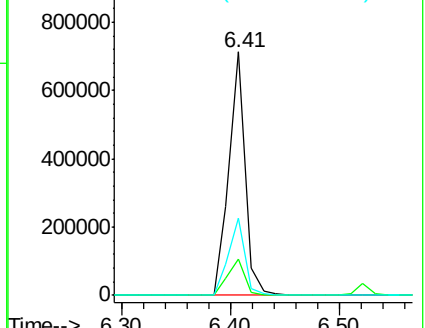
71 31.9 24.9 37.3



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: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF086084.D

Acq: 5 Apr 2016 20:04

Tgt Ion: 136 Resp: 414407

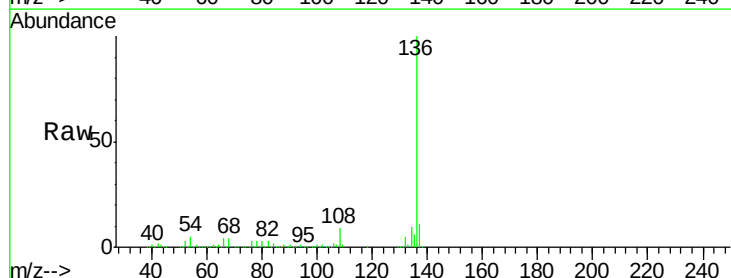
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.1 7.4 11.0#

68 4.4 5.8 8.8#

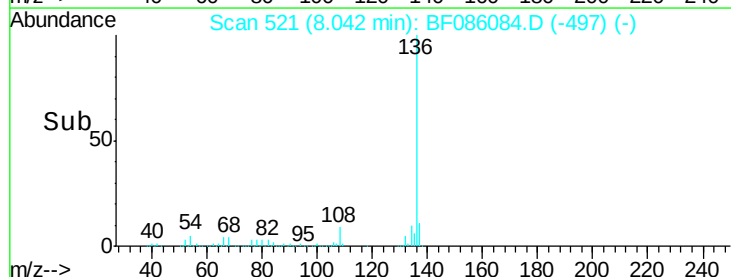
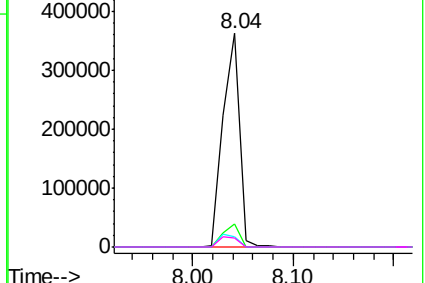


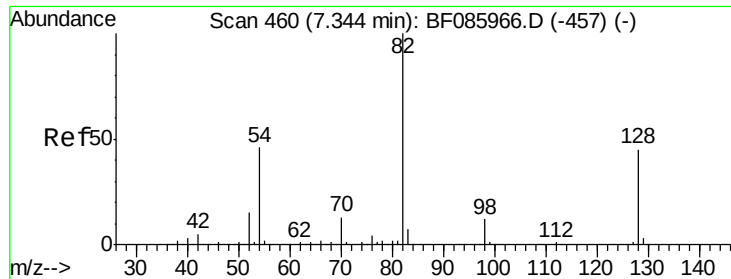
Abundance Ion 136.00 (135.70 to 136.70): E

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

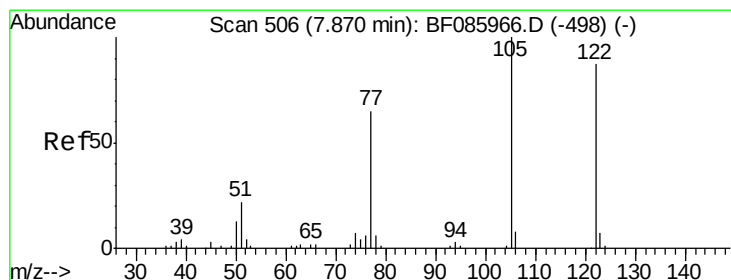
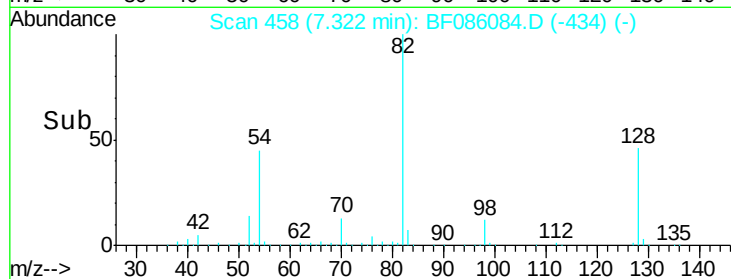
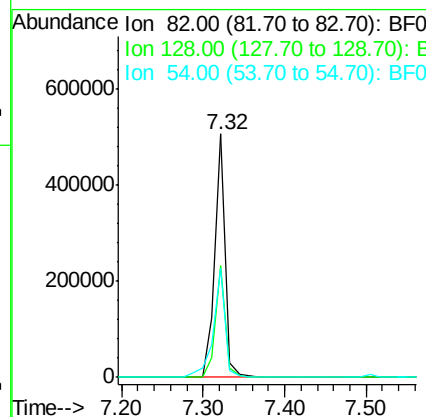
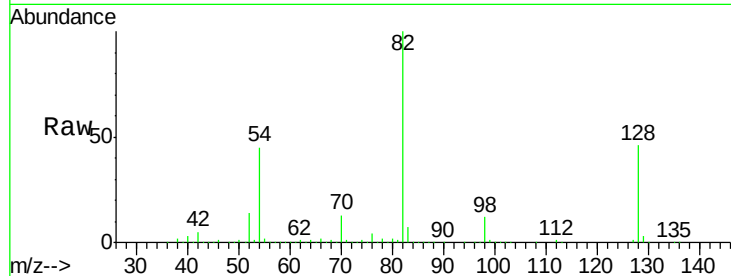




#23
 Nitrobenzene-d5
 Concen: 65.78 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF086084.D
 Acq: 5 Apr 2016 20:04

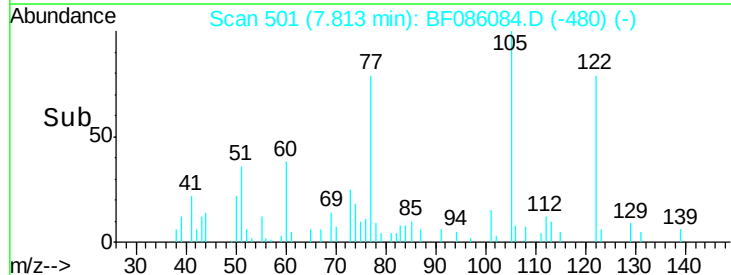
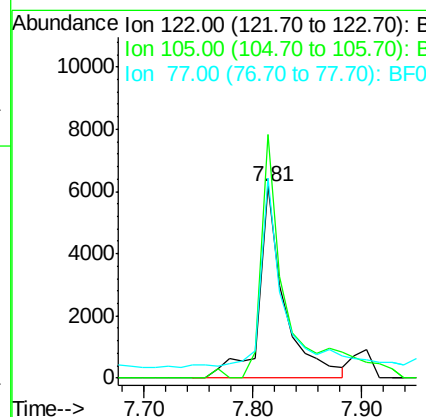
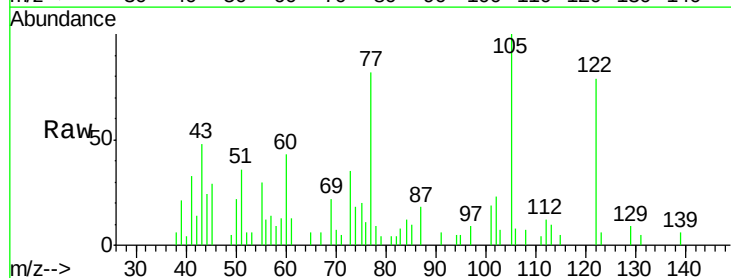
Instrument :
 BNA_F
 ClientSampleId :
 1505133102-03-04-05

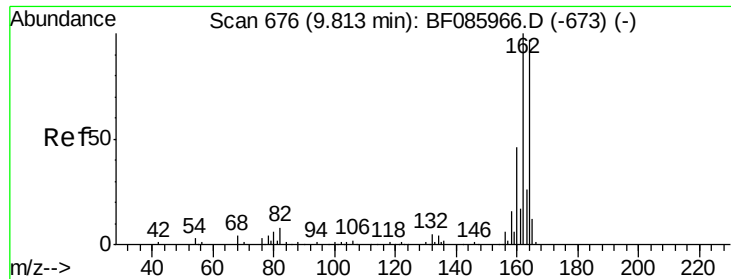
Tot Ion: 82 Resp: 462233
 Ion Ratio Lower Upper
 82 100
 128 45.8 41.8 62.8
 54 45.0 33.4 50.0



#32
 Benzoic acid
 Concen: 2.08 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.06 min
 Lab File: BF086084.D
 Acq: 5 Apr 2016 20:04

Tgt Ion: 122 Resp: 10099
 Ion Ratio Lower Upper
 122 100
 105 126.9 102.9 142.9
 77 104.6 71.8 111.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF086084.D

Acq: 5 Apr 2016 20:04

Instrument :

BNA_F

ClientSampleId :

1505133102-03-04-05

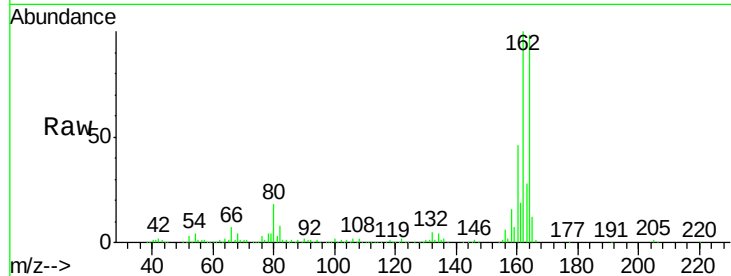
Tot Ion:164 Resp: 191056

Ion Ratio Lower Upper

164 100

162 102.0 82.1 123.1

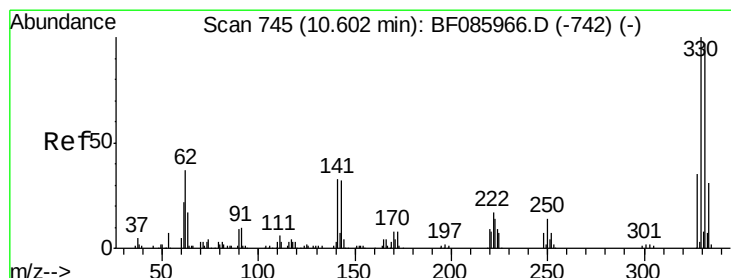
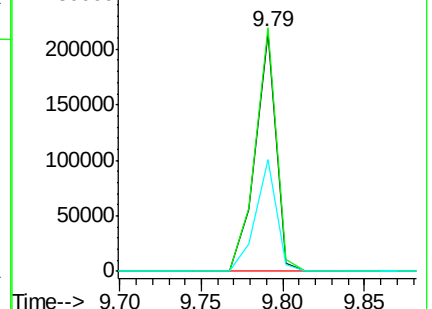
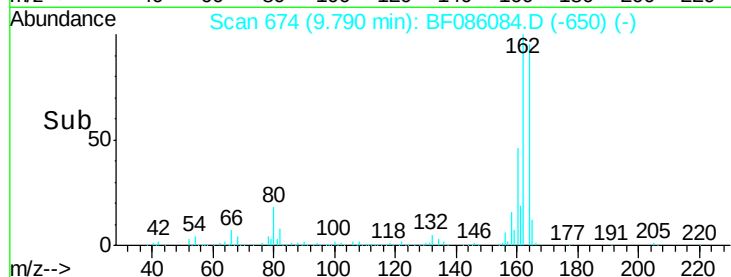
160 47.1 37.4 56.2



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: 83.17 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF086084.D

Acq: 5 Apr 2016 20:04

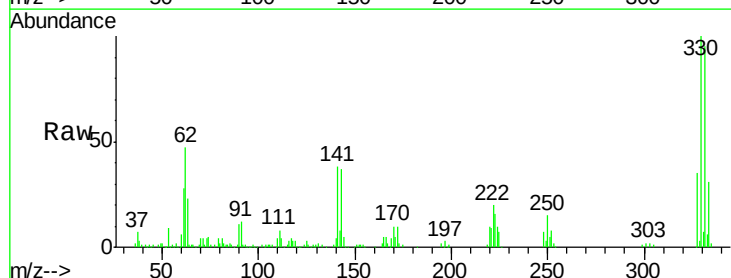
Tgt Ion:330 Resp: 149136

Ion Ratio Lower Upper

330 100

332 95.8 78.2 117.2

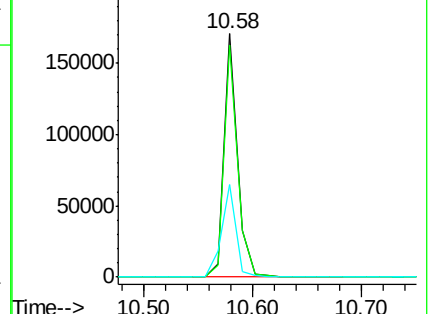
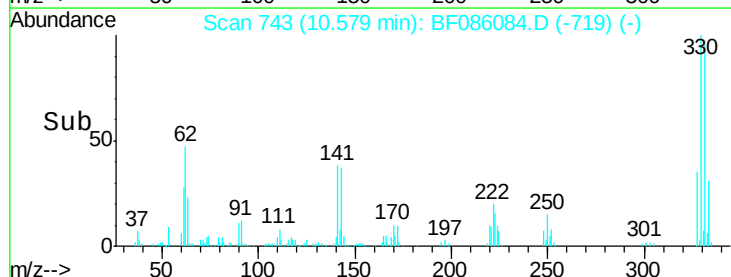
141 41.7 31.5 47.3

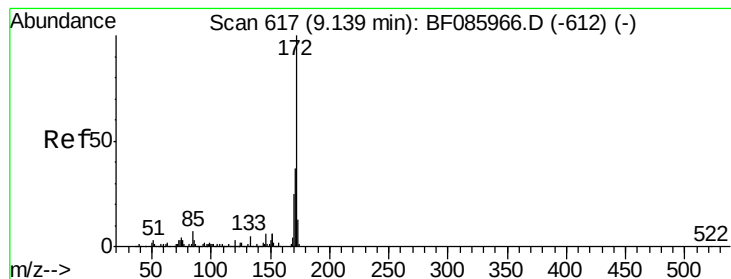


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 67.79 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.02 min

Lab File: BF086084.D

Acq: 5 Apr 2016 20:04

Instrument :

BNA_F

ClientSampleId :

1505133102-03-04-05

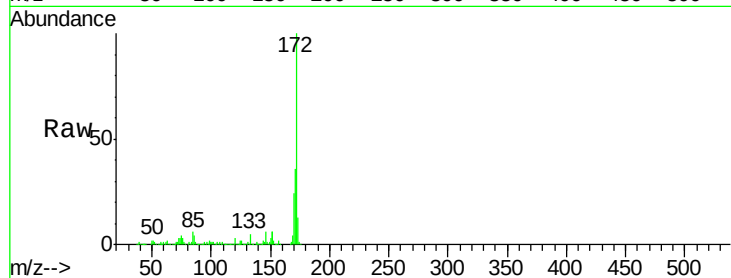
Tot Ion:172 Resp: 778963

Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.2

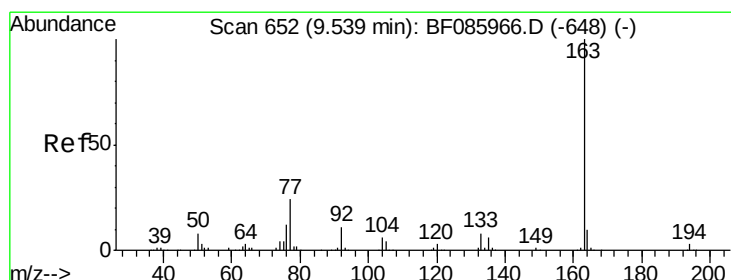
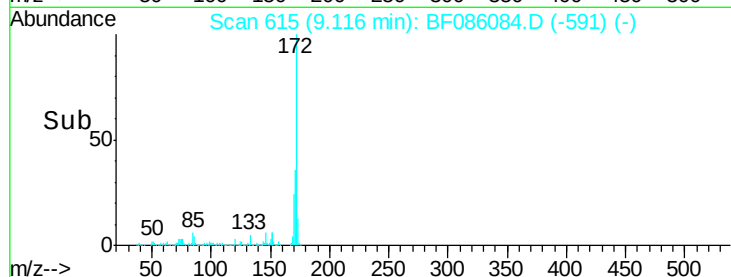
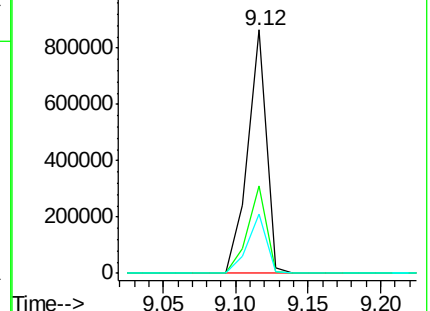
170 24.2 19.8 29.6



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: 4.34 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.02 min

Lab File: BF086084.D

Acq: 5 Apr 2016 20:04

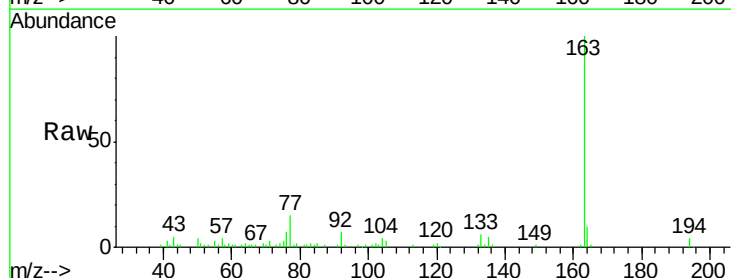
Tgt Ion:163 Resp: 61463

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

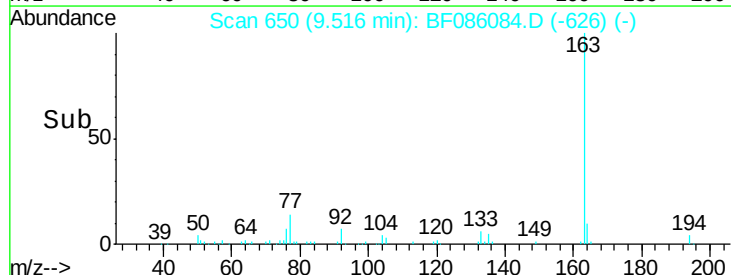
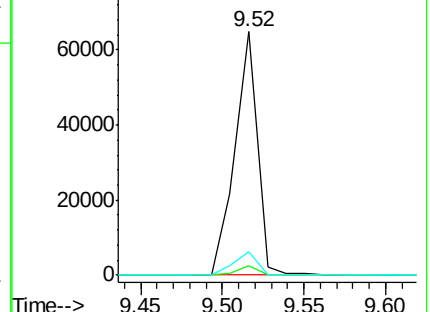
164 9.8 8.3 12.5

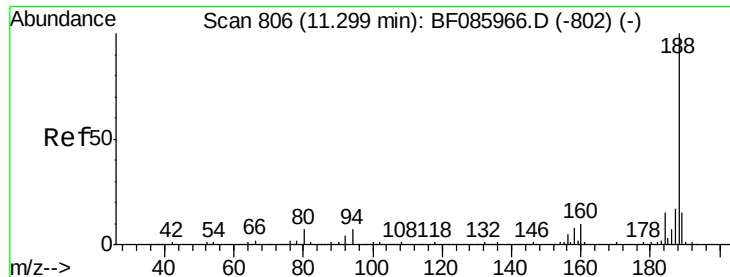


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

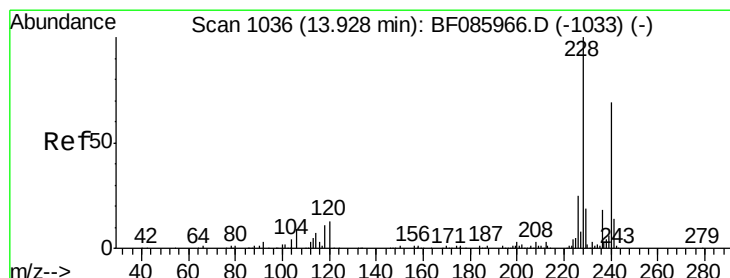
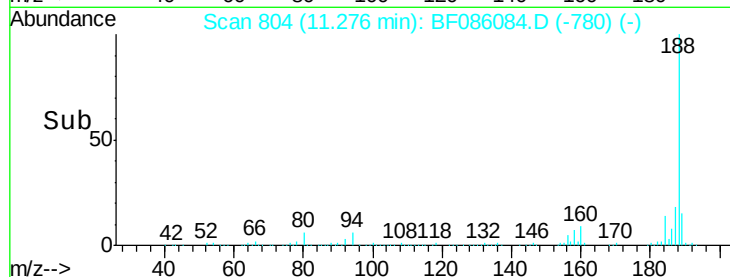
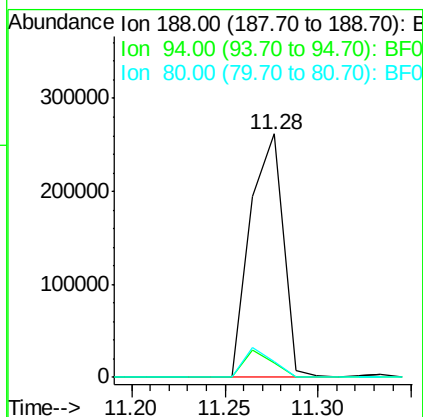
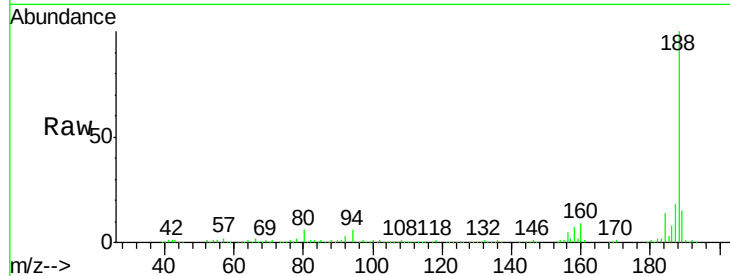




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF086084.D
Acq: 5 Apr 2016 20:04

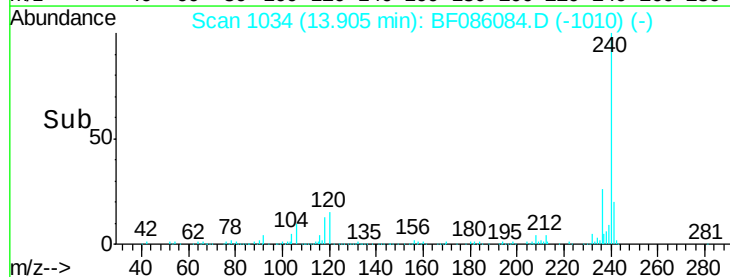
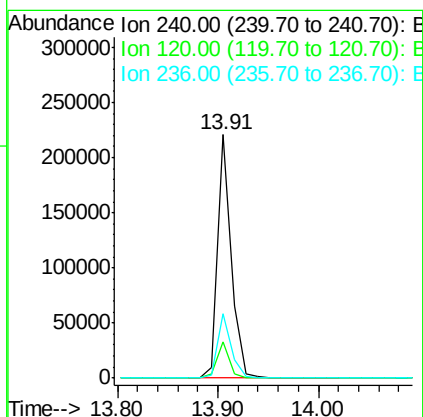
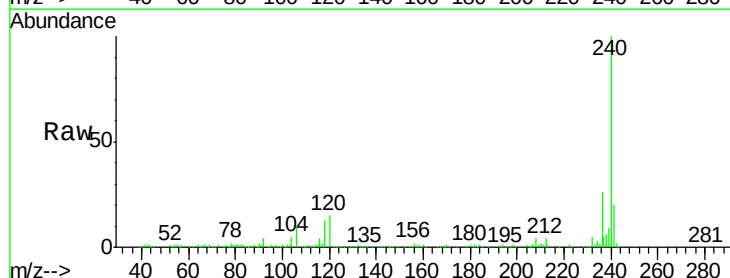
Instrument :
BNA_F
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1505133102-03-04-05

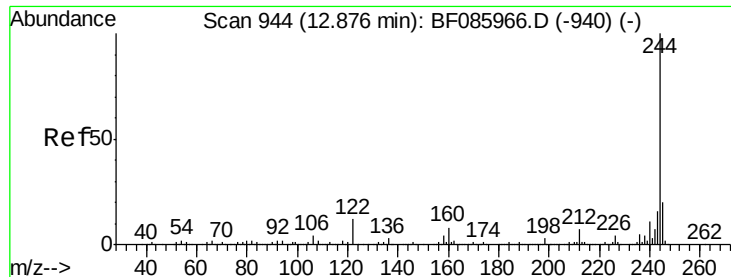
Tot Ion:188 Resp: 320052
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 6.3 5.5 8.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF086084.D
Acq: 5 Apr 2016 20:04

Tgt Ion:240 Resp: 207573
Ion Ratio Lower Upper
240 100
120 15.1 13.8 20.8
236 26.4 20.6 30.8

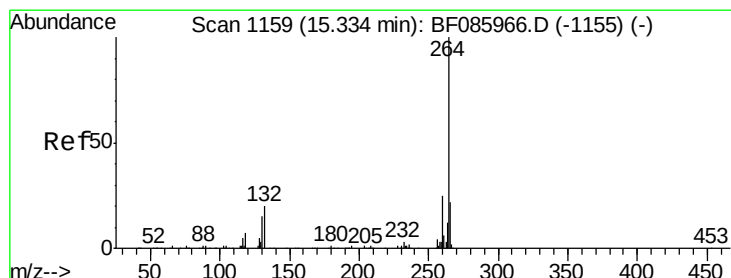
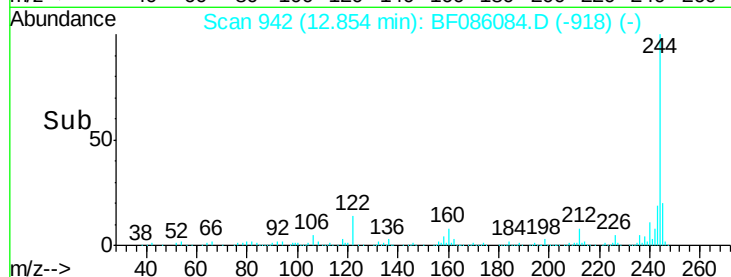
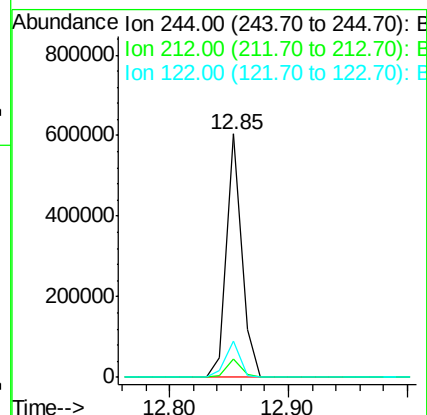
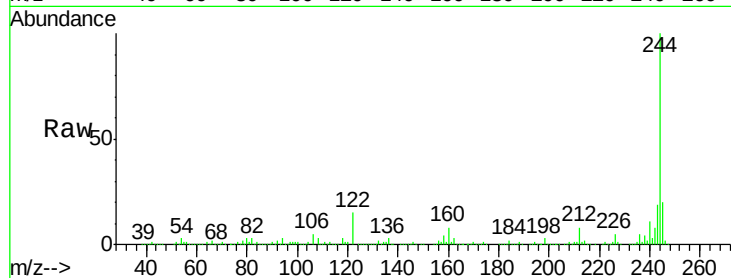




#78
 Terphenyl-d14
 Concen: 60.09 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.02 min
 Lab File: BF086084.D
 Acq: 5 Apr 2016 20:04

Instrument :
 BNA_F
 ClientSampleId :
 1505133102-03-04-05

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	14.6	10.2	15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF086084.D
 Acq: 5 Apr 2016 20:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.1	17.2	25.8

