

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF084990.D
 Acq On : 10 Feb 2016 13:52
 Operator : SJ/IZ
 Sample : H1392-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-5W-(0-2)

Quant Time: Feb 10 15:28:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

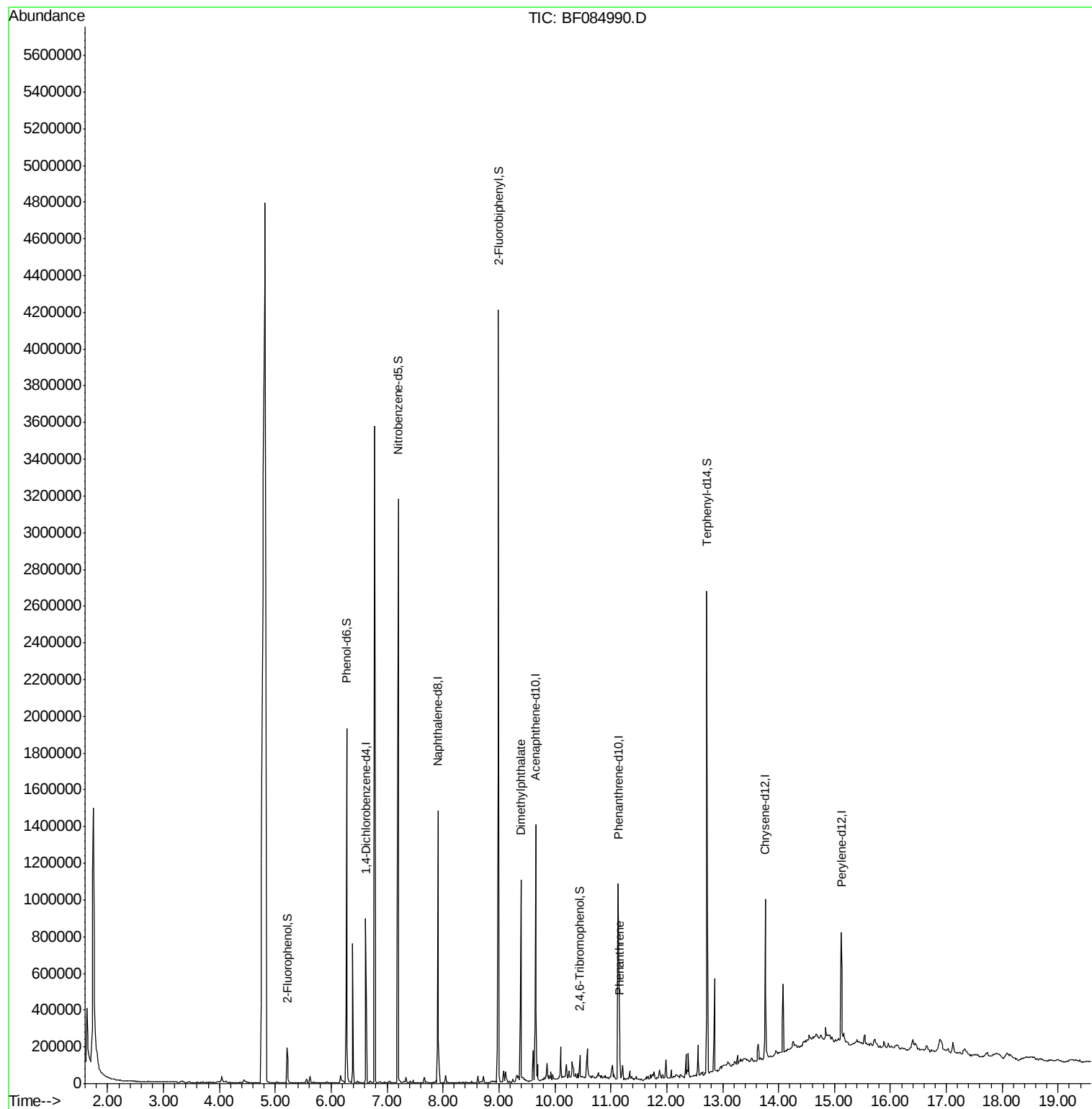
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	151317	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	636999	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	272960	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	461594	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	327637	20.00	ng	-0.01
86) Perylene-d12	15.12	264	283509	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	69677	7.17	ng	0.01
7) Phenol-d6	6.27	99	586311	48.68	ng	-0.01
23) Nitrobenzene-d5	7.20	82	1214160	107.37	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	11805	4.15	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1410620	88.10	ng	0.00
78) Terphenyl-d14	12.72	244	869731	60.15	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.39	163	461757	22.21	ng	Qvalue # 91
70) Phenanthrene	11.15	178	91291	3.57	ng	99

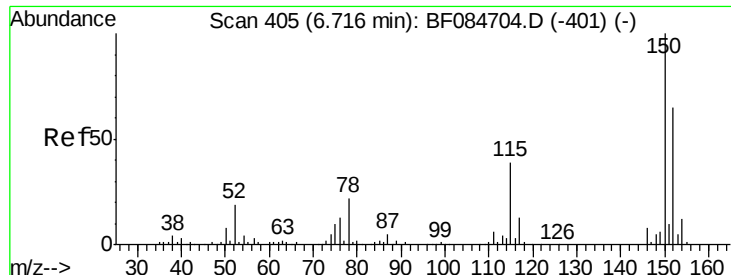
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF084990.D

Acq: 10 Feb 2016 13:52

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-5W-(0-2)

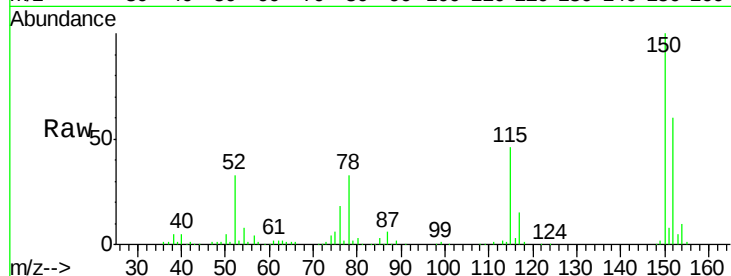
Tgt Ion:152 Resp: 151317

Ion Ratio Lower Upper

152 100

150 166.5 123.0 184.4

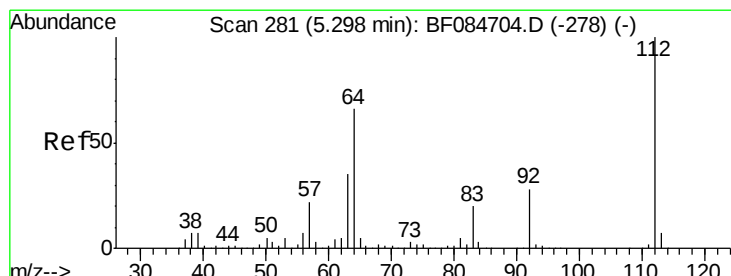
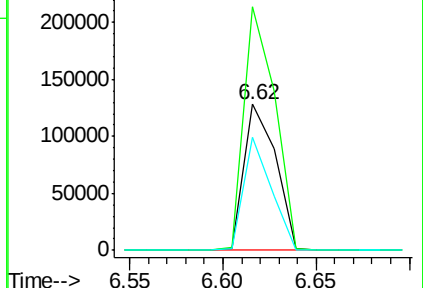
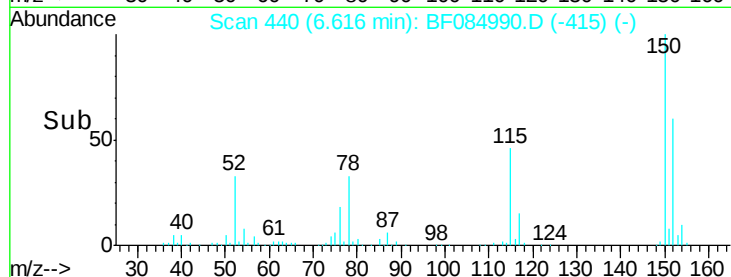
115 76.9 51.4 77.2



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: 7.17 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF084990.D

Acq: 10 Feb 2016 13:52

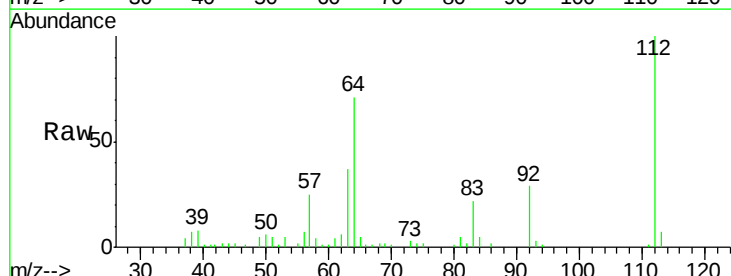
Tgt Ion:112 Resp: 69677

Ion Ratio Lower Upper

112 100

64 71.4 36.6 55.0#

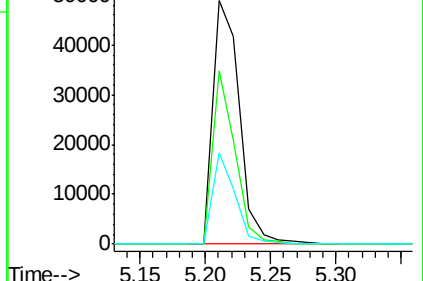
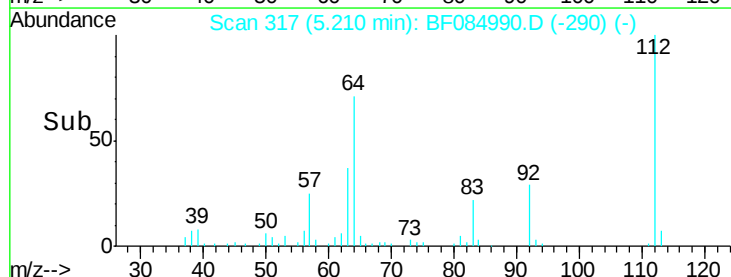
63 37.5 19.4 29.0#

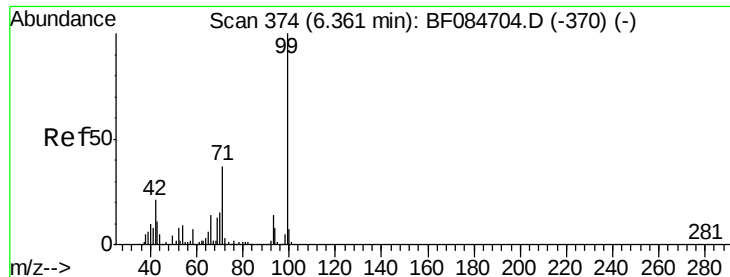


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.68 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF084990.D

Acq: 10 Feb 2016 13:52

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-5W-(0-2)

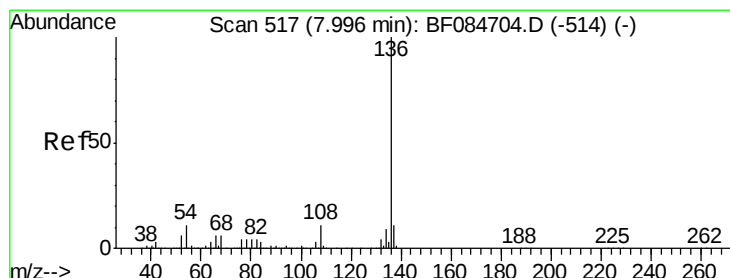
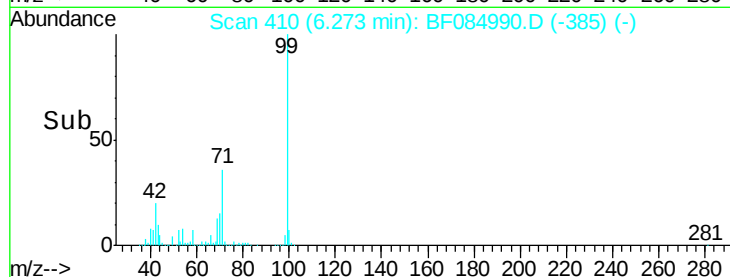
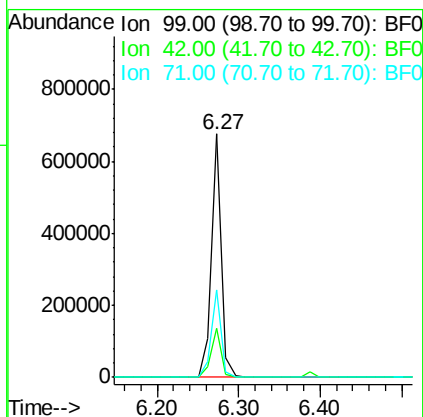
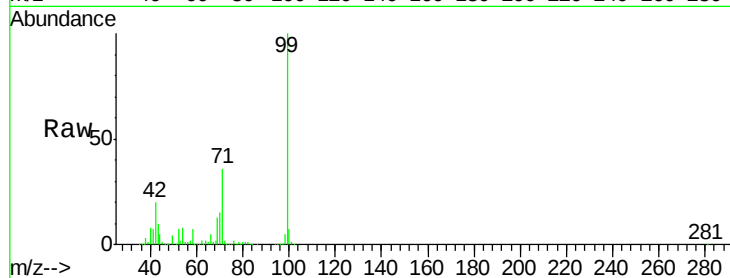
Tgt Ion: 99 Resp: 586311

Ion Ratio Lower Upper

99 100

42 20.0 12.8 19.2#

71 35.9 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF084990.D

Acq: 10 Feb 2016 13:52

Tgt Ion: 136 Resp: 636999

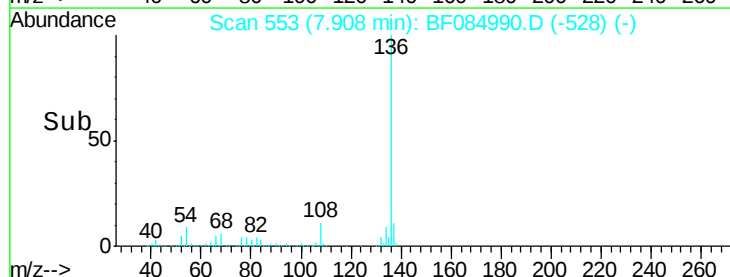
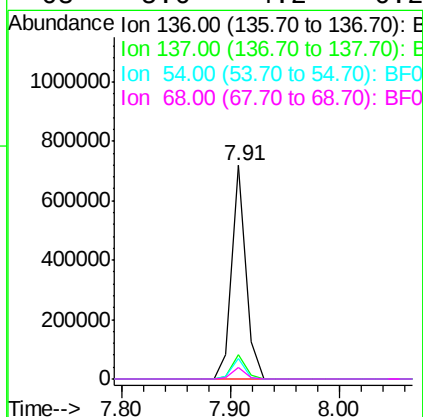
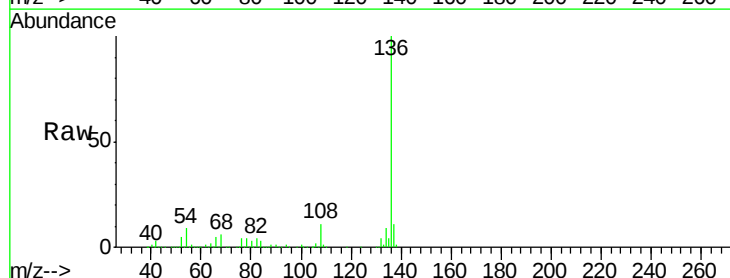
Ion Ratio Lower Upper

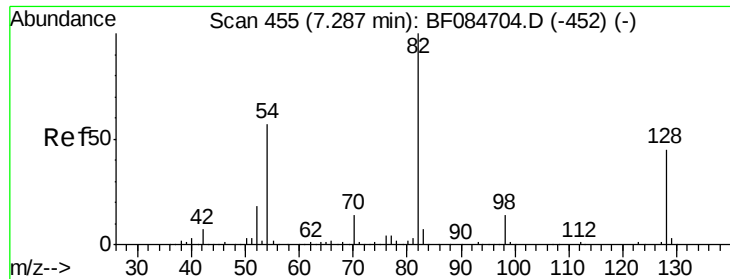
136 100

137 11.1 8.7 13.1

54 9.4 5.8 8.8#

68 5.6 4.2 6.2

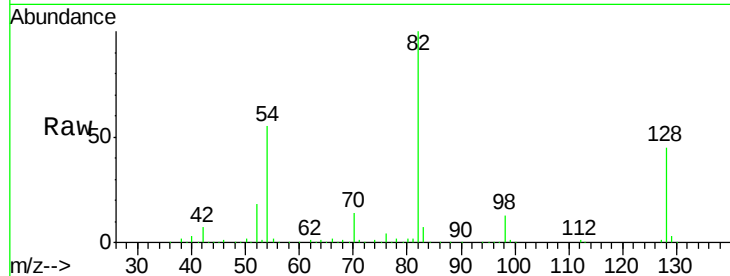




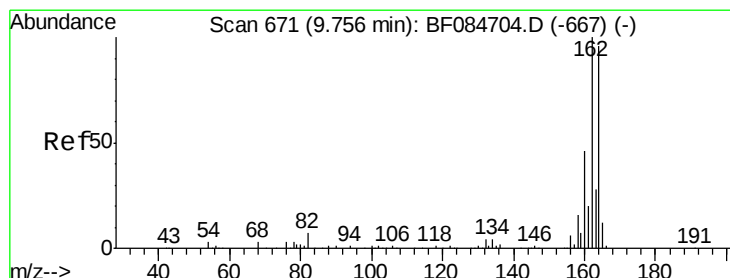
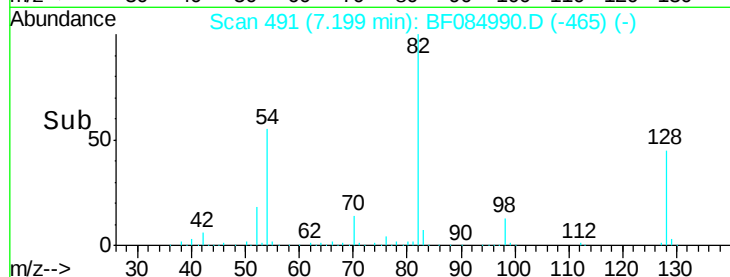
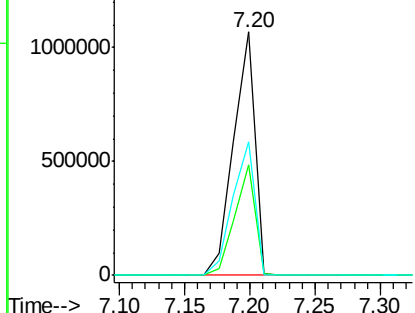
#23
 Nitrobenzene-d5
 Concen: 107.37 ng
 RT: 7.20 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF084990.D
 Acq: 10 Feb 2016 13:52

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-5W-(0-2)

Tgt Ion: 82 Resp: 1214160
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.6 51.8
 54 54.6 38.4 57.6

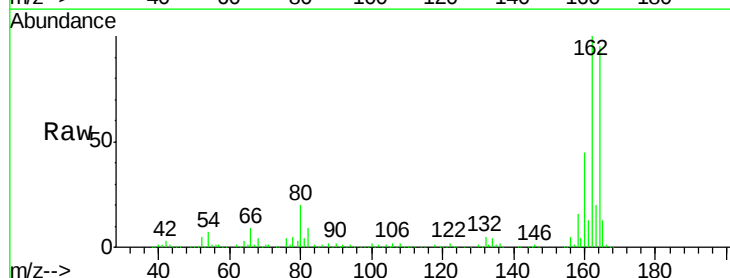


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

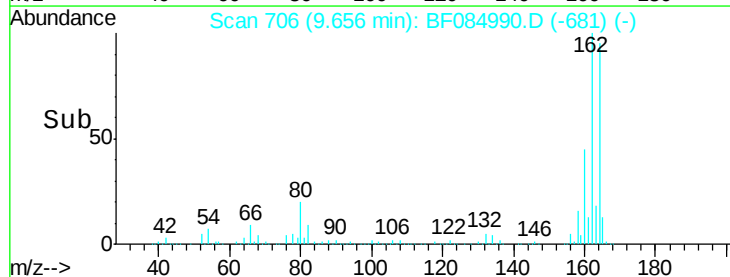
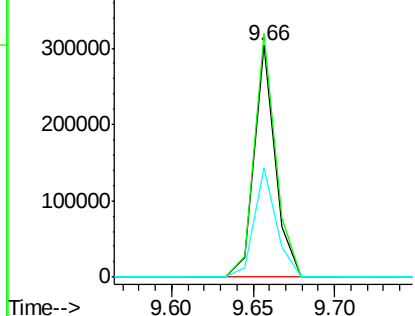


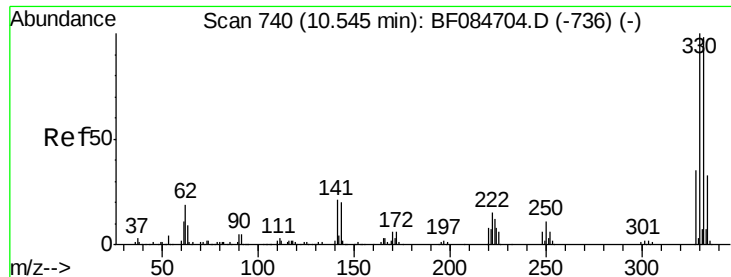
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF084990.D
 Acq: 10 Feb 2016 13:52

Tgt Ion: 164 Resp: 272960
 Ion Ratio Lower Upper
 164 100
 162 104.9 85.1 127.7
 160 46.8 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

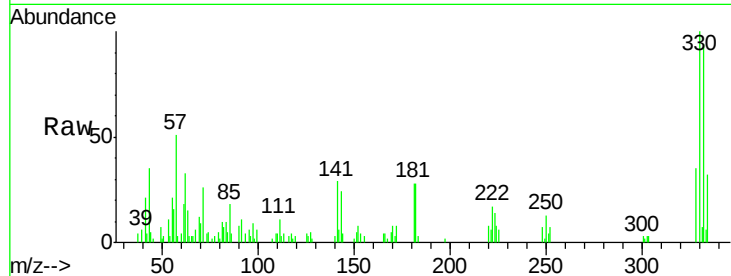




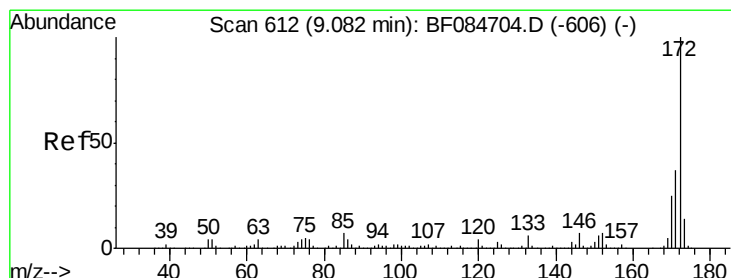
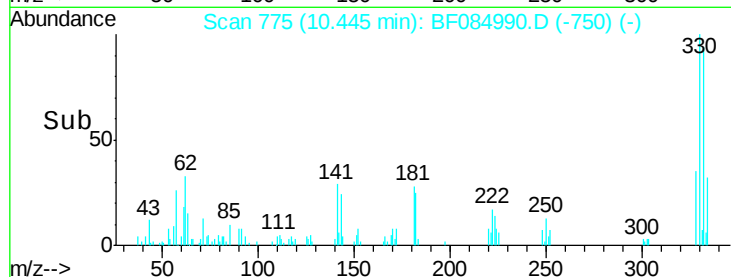
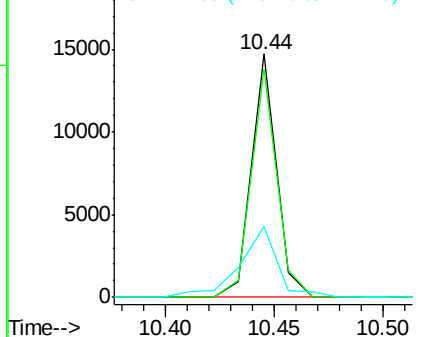
#41
 2,4,6-Tribromophenol
 Concen: 4.15 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF084990.D
 Acq: 10 Feb 2016 13:52

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-5W-(0-2)

Tgt Ion:330 Resp: 11805
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 43.7 27.8 41.6#

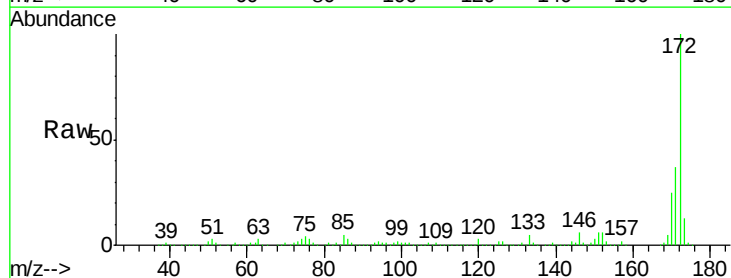


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

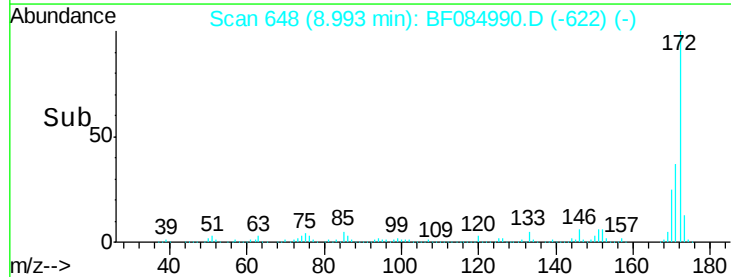
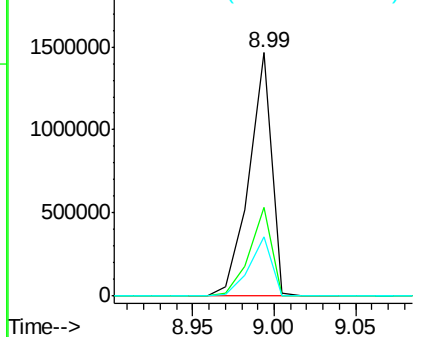


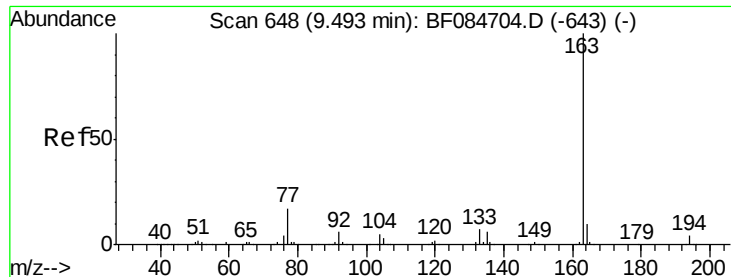
#44
 2-Fluorobiphenyl
 Concen: 88.10 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF084990.D
 Acq: 10 Feb 2016 13:52

Tgt Ion:172 Resp: 1410620
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 24.6 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

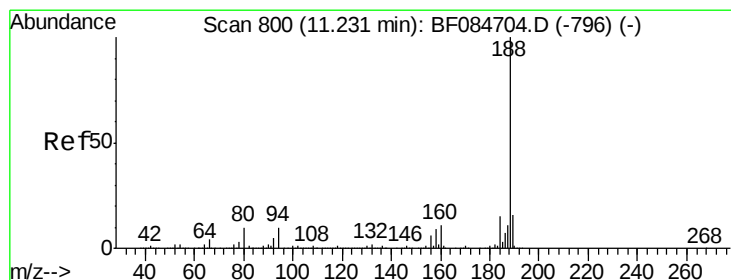
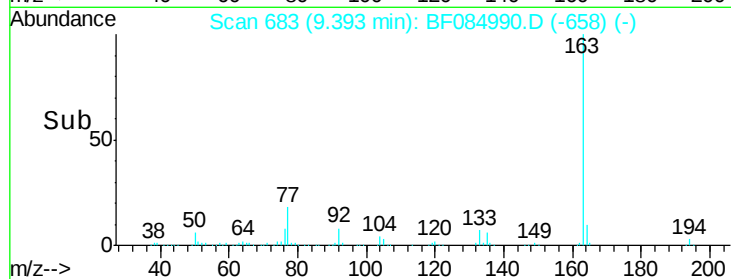
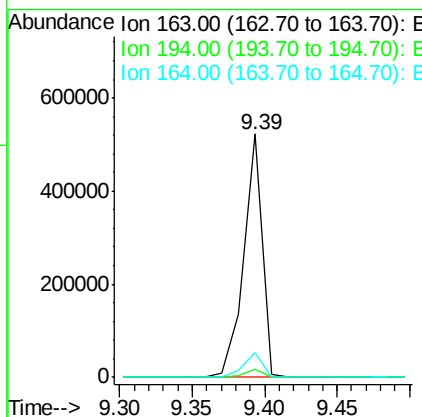
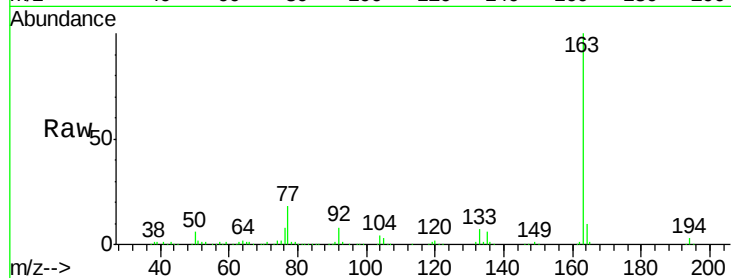




#49
Dimethylphthalate
Concen: 22.21 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF084990.D
Acq: 10 Feb 2016 13:52

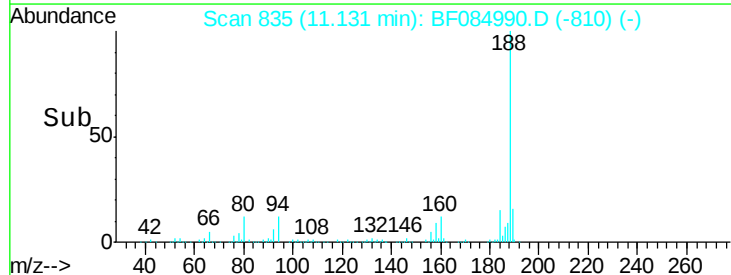
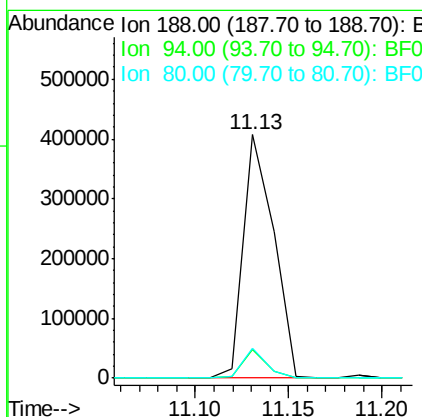
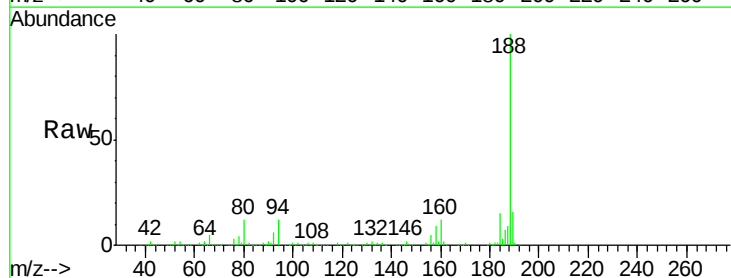
Instrument :
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STOCKPILE-5W-(0-2)

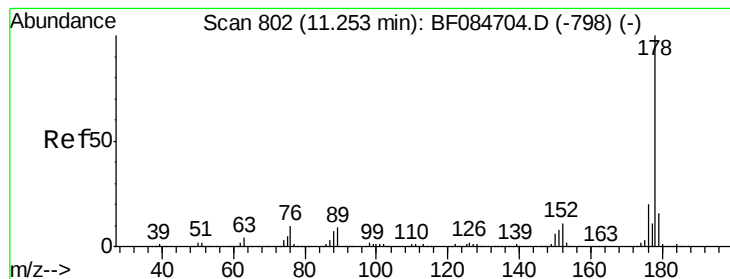
Tgt Ion:163 Resp: 461757
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 10.1 8.0 12.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF084990.D
Acq: 10 Feb 2016 13:52

Tgt Ion:188 Resp: 461594
Ion Ratio Lower Upper
188 100
94 11.6 9.0 13.4
80 12.5 9.6 14.4





#70

Phenanthrene

Concen: 3.57 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF084990.D

Acq: 10 Feb 2016 13:52

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-5W-(0-2)

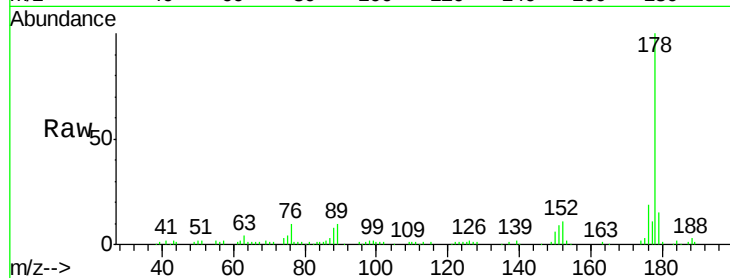
Tgt Ion:178 Resp: 91291

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

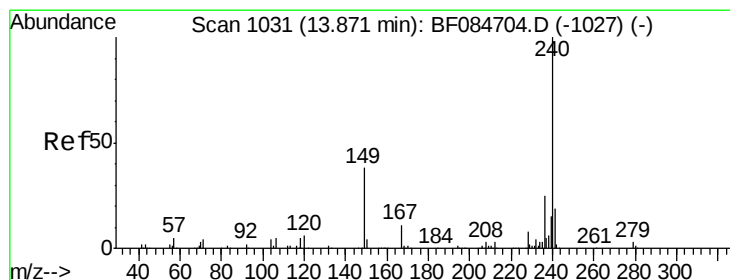
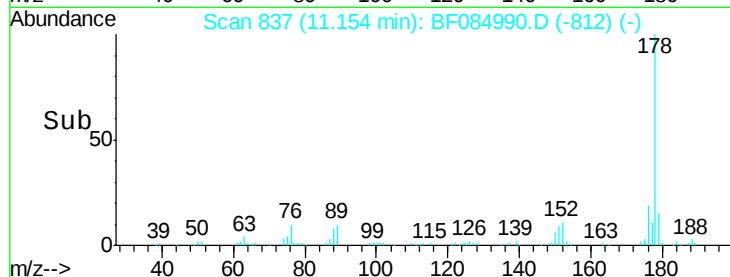
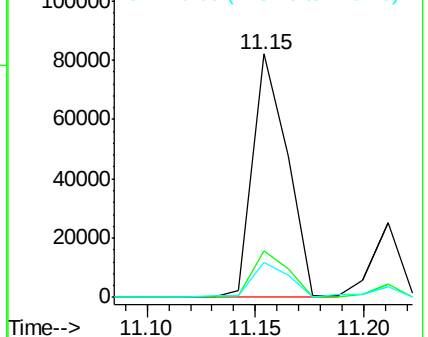
179 14.6 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF084990.D

Acq: 10 Feb 2016 13:52

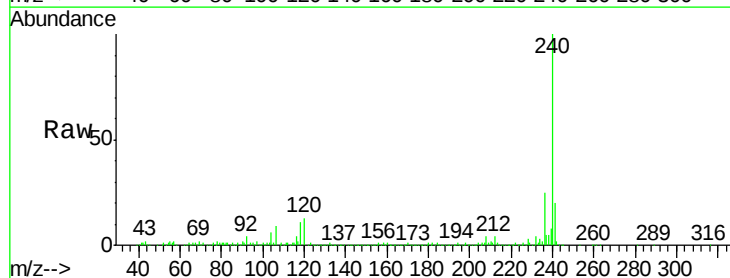
Tgt Ion:240 Resp: 327637

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

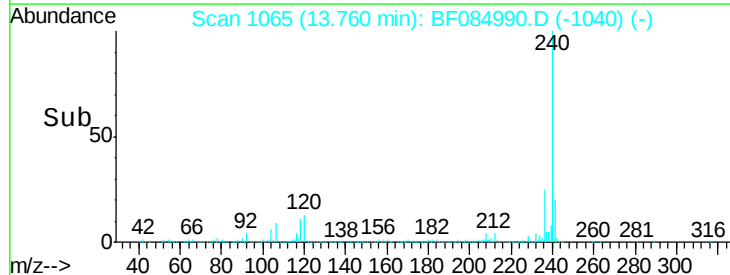
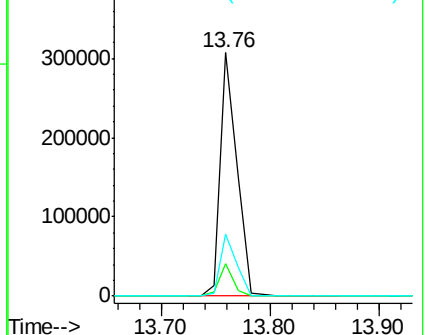
236 25.3 20.6 31.0

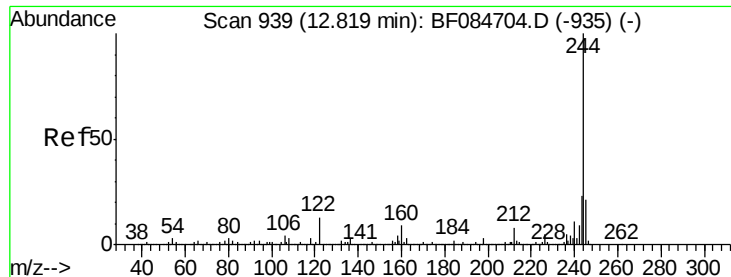


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

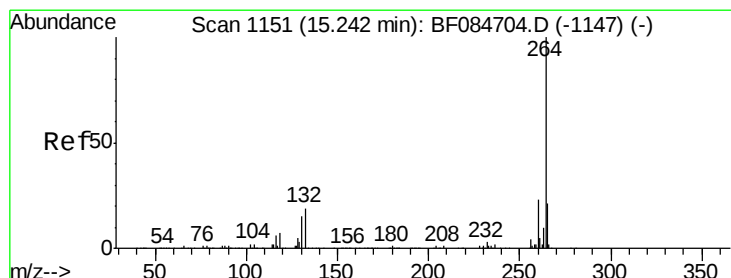
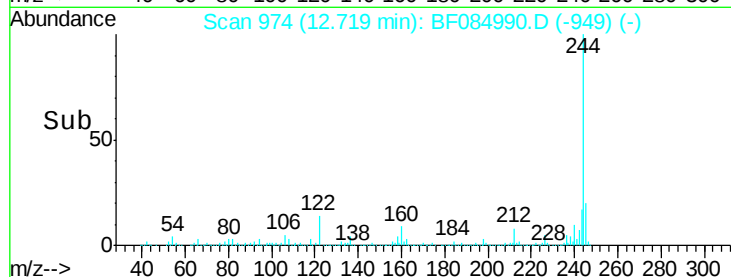
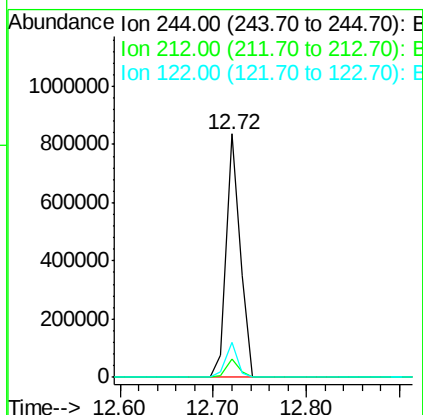
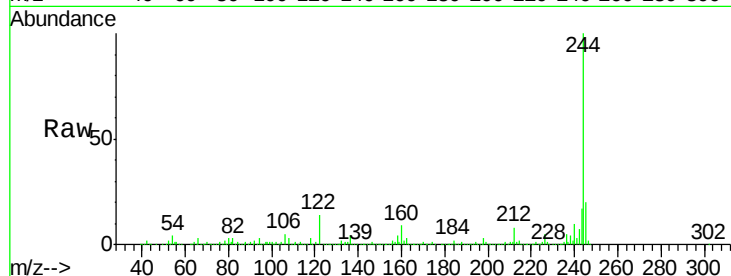




#78
 Terphenyl-d14
 Concen: 60.15 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF084990.D
 Acq: 10 Feb 2016 13:52

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-5W-(0-2)

Tgt Ion:244 Resp: 869731
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 14.2 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF084990.D
 Acq: 10 Feb 2016 13:52

Tgt Ion:264 Resp: 283509
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 22.2 17.8 26.6

