

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094739.D
 Acq On : 1 May 2017 3:46
 Operator : SJ/MA
 Sample : I2902-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9B

Quant Time: May 01 05:20:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

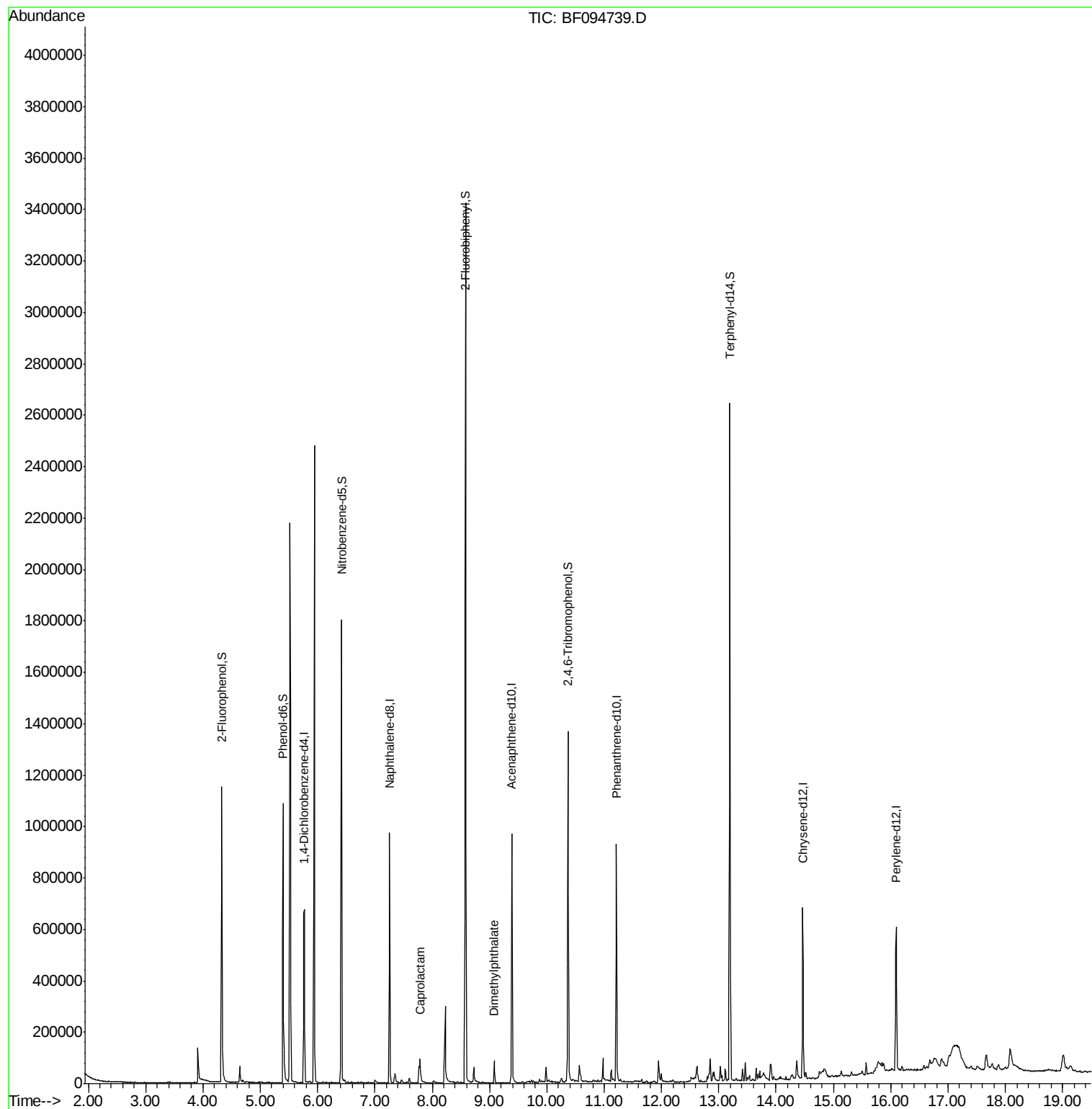
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	113449	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	472699	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	221979	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	371295	20.00	ng	0.00
75) Chrysene-d12	14.47	240	250816	20.00	ng	0.00
86) Perylene-d12	16.09	264	225709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	359091	52.51	ng	0.02
7) Phenol-d6	5.40	99	408219	50.64	ng	0.00
23) Nitrobenzene-d5	6.42	82	652685	85.26	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	169429	97.58	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1270452	84.21	ng	0.00
78) Terphenyl-d14	13.19	244	967528	103.11	ng	0.00
Target Compounds						
35) Caprolactam	7.79	113	21113	10.27	ng	Qvalue # 79
49) Dimethylphthalate	9.08	163	39701	2.40	ng	98

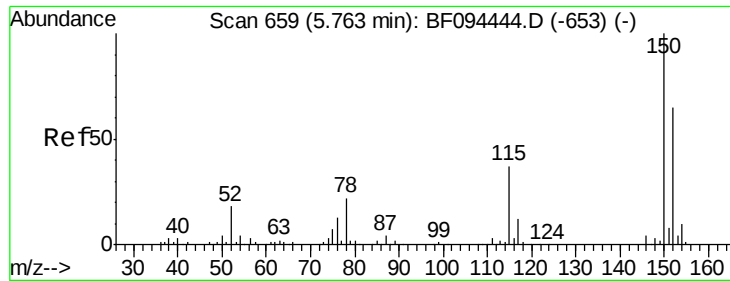
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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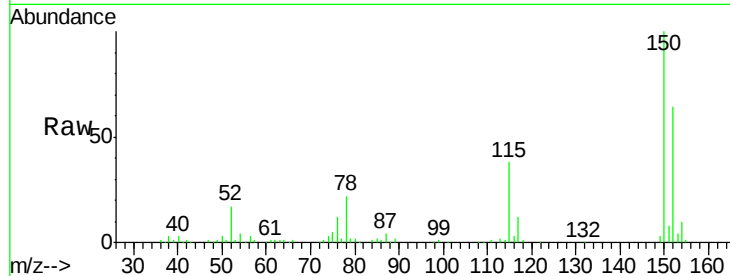


#1

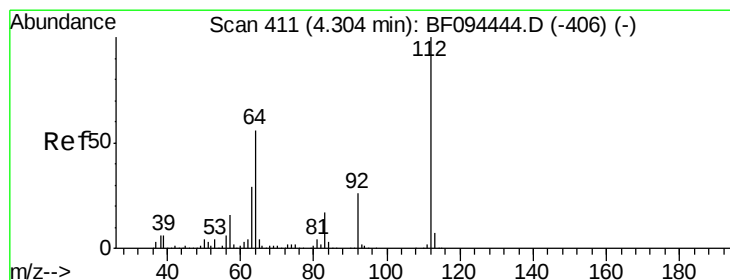
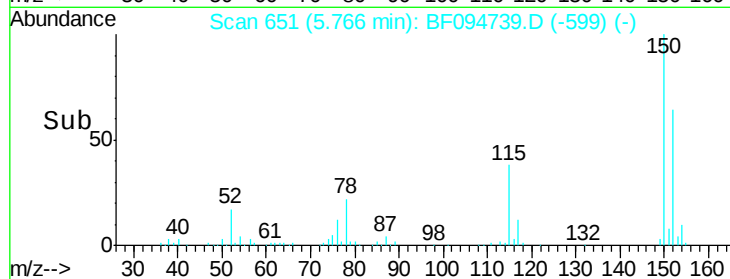
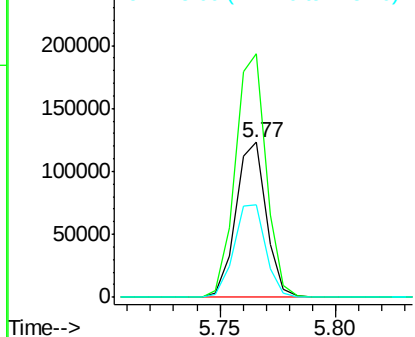
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094739.D
Acq: 1 May 2017 3:46

Instrument :
BNA_F
ClientSampled :
MW-9B

Tot Ion:152 Resp: 113449
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 59.5 52.2 78.2



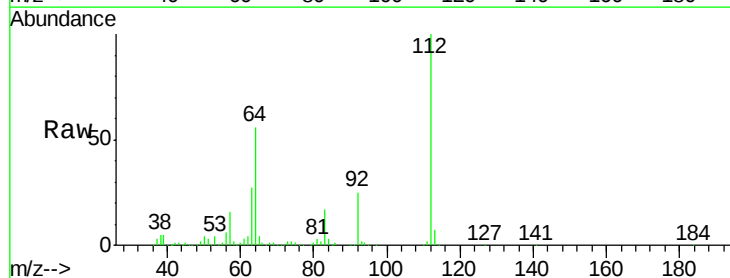
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



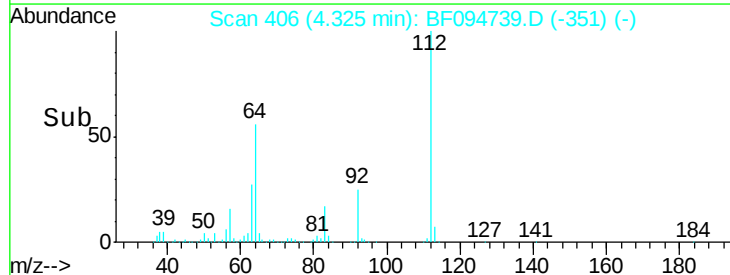
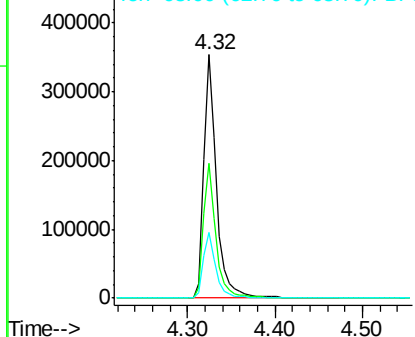
#5

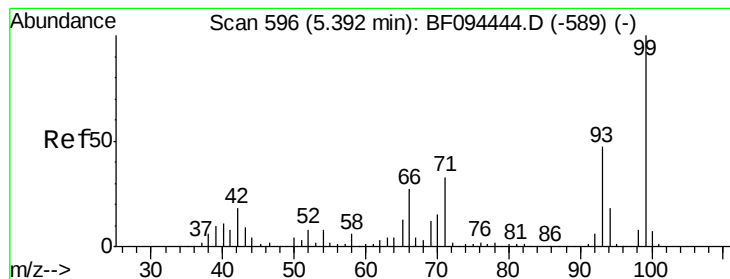
2-Fluorophenol
Concen: 52.51 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094739.D
Acq: 1 May 2017 3:46

Tgt Ion:112 Resp: 359091
Ion Ratio Lower Upper
112 100
64 55.5 46.0 69.0
63 27.2 23.4 35.0



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: 50.64 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094739.D

Acq: 1 May 2017 3:46

Instrument :

BNA_F

ClientSampled :

MW-9B

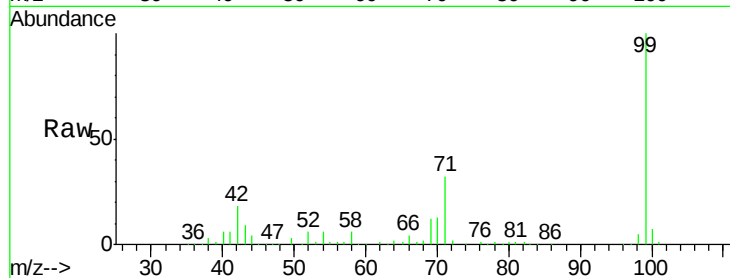
Tot Ion: 99 Resp: 408219

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

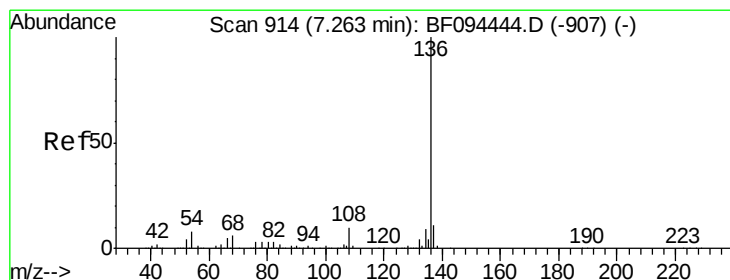
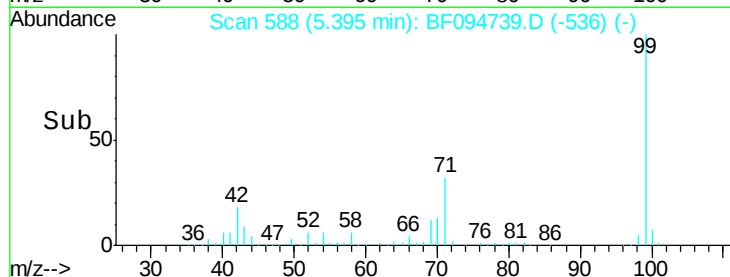
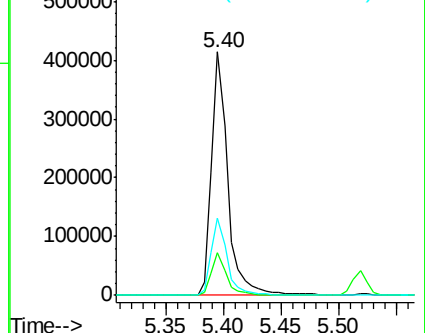
71 31.8 24.5 36.7



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: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094739.D

Acq: 1 May 2017 3:46

Tgt Ion: 136 Resp: 472699

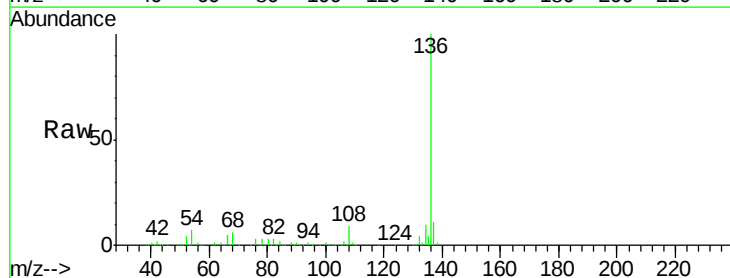
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.9 4.9 7.3

68 5.9 4.1 6.1

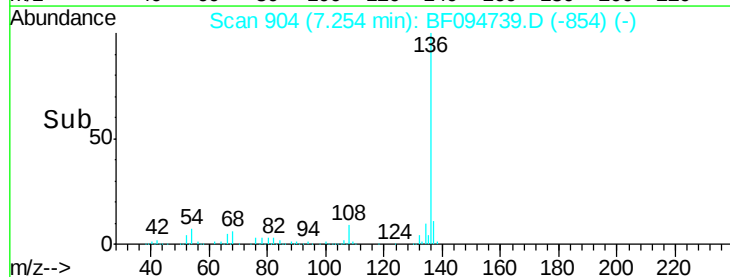
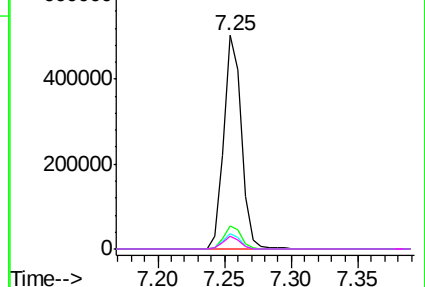


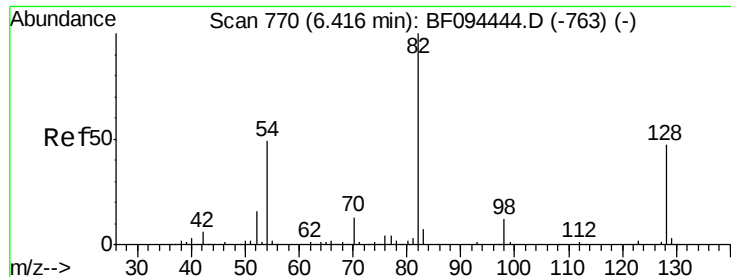
Abundance Ion 136.00 (135.70 to 136.70): E

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

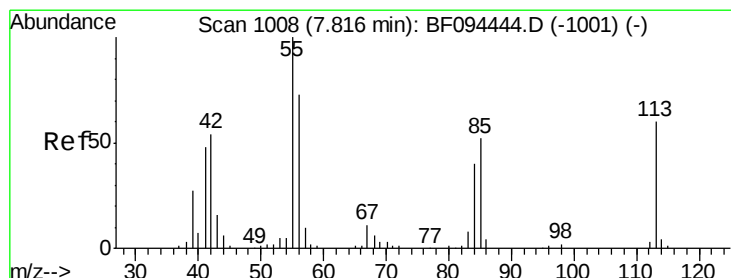
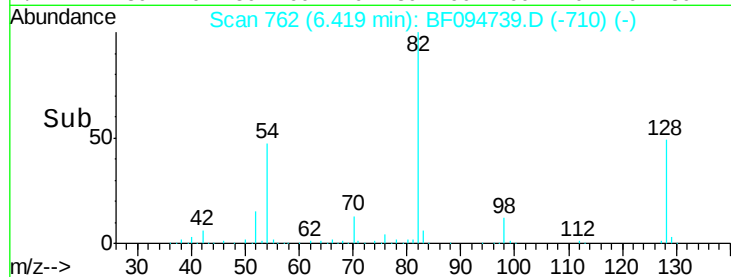
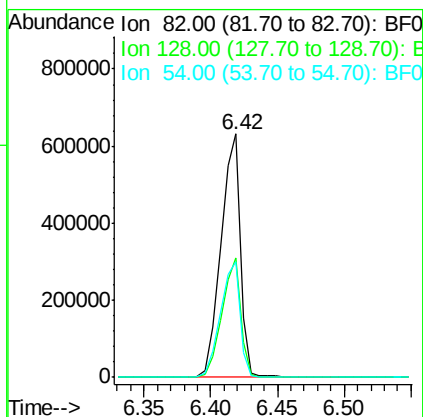
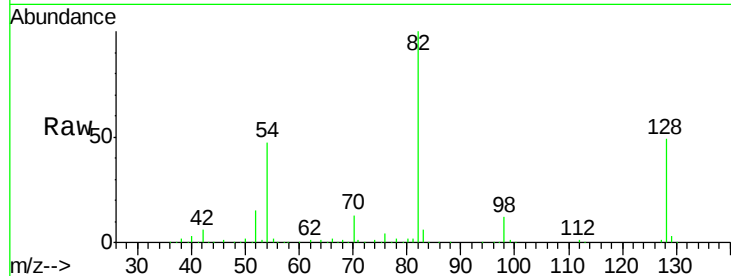




#23
Nitrobenzene-d5
Concen: 85.26 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF094739.D
Acq: 1 May 2017 3:46

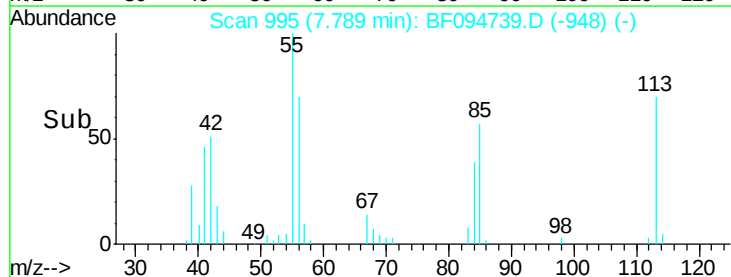
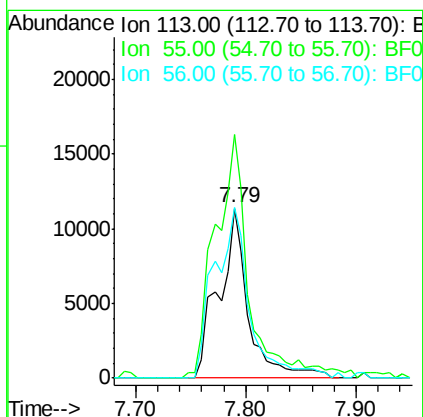
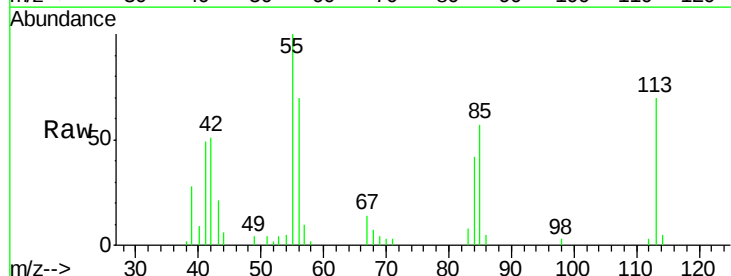
Instrument :
BNA_F
ClientSampleId :
MW-9B

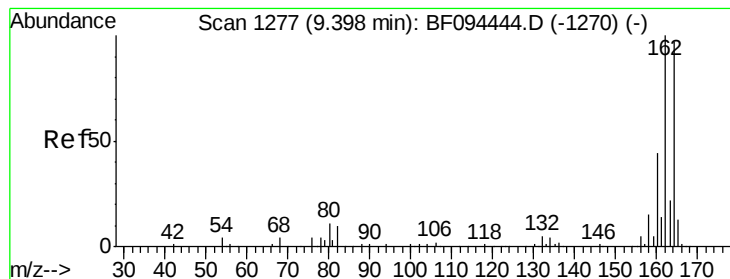
Tot Ion: 82 Resp: 652685
Ion Ratio Lower Upper
82 100
128 48.9 34.0 51.0
54 47.5 42.2 63.2



#35
Caprolactam
Concen: 10.27 ng
RT: 7.79 min Scan# 995
Delta R.T. -0.03 min
Lab File: BF094739.D
Acq: 1 May 2017 3:46

Tgt Ion: 113 Resp: 21113
Ion Ratio Lower Upper
113 100
55 143.3 150.2 190.2#
56 100.2 107.8 147.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094739.D

Acq: 1 May 2017 3:46

Instrument :

BNA_F

ClientSampleId :

MW-9B

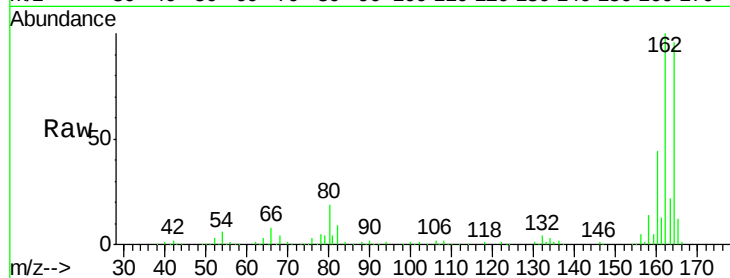
Tot Ion:164 Resp: 221979

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

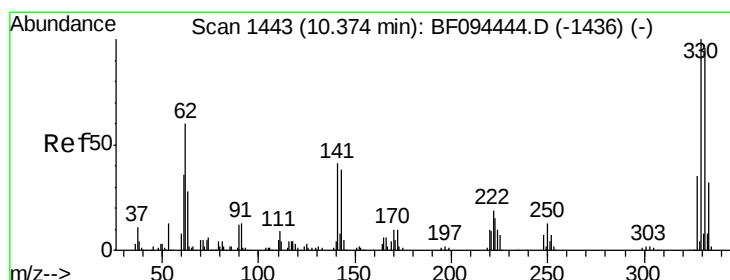
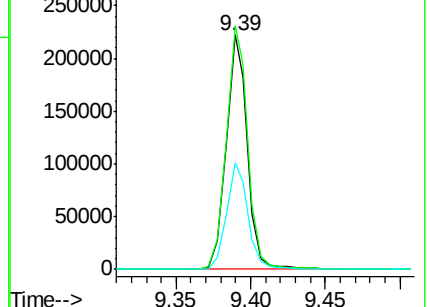
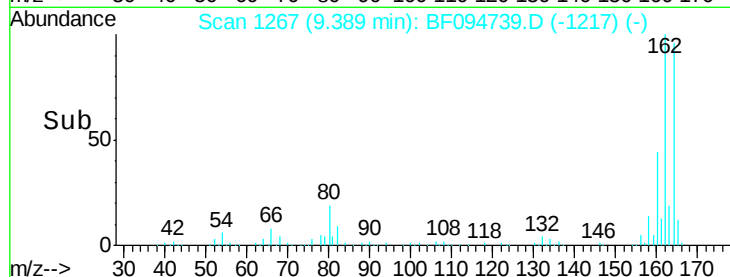
160 45.3 36.2 54.2



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: 97.58 ng

RT: 10.37 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF094739.D

Acq: 1 May 2017 3:46

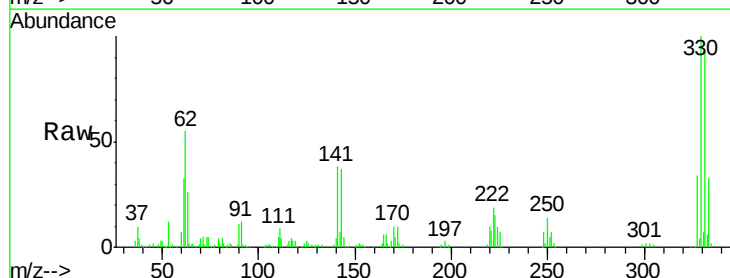
Tgt Ion:330 Resp: 169429

Ion Ratio Lower Upper

330 100

332 93.9 76.6 115.0

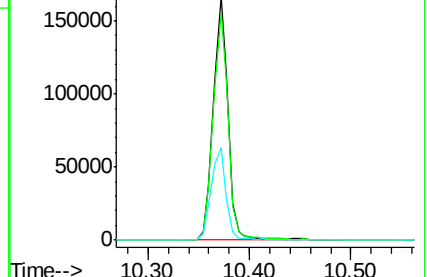
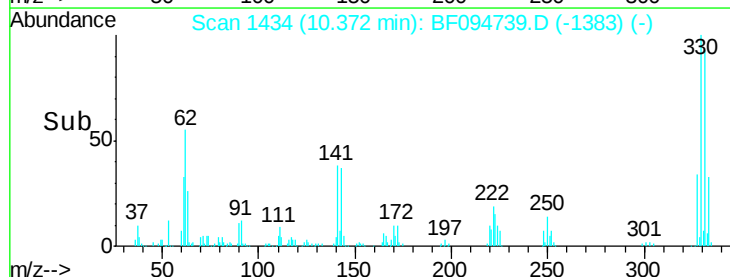
141 38.7 31.4 47.2

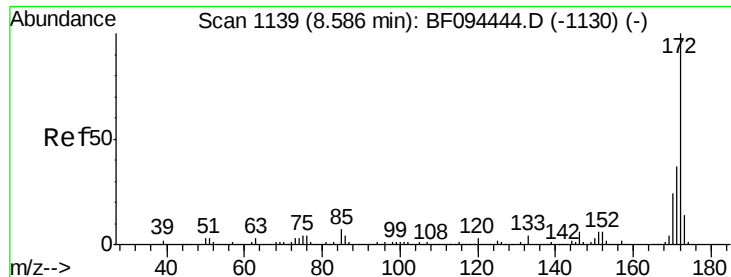


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

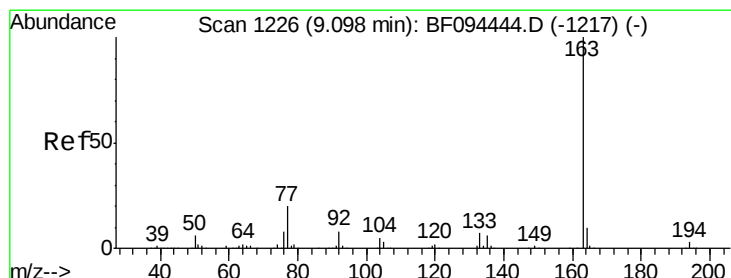
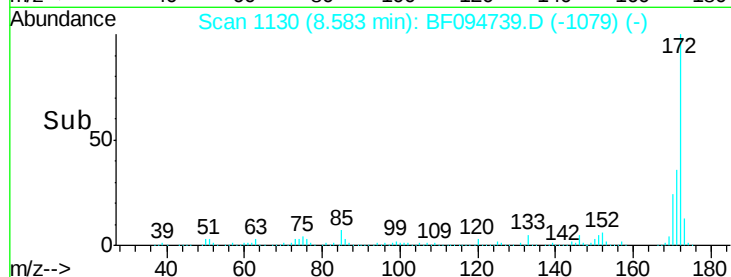
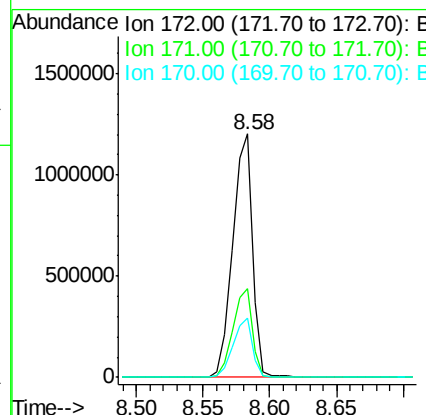
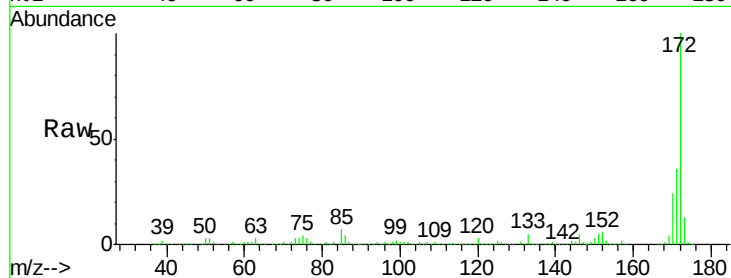




#44
2-Fluorobiphenyl
Concen: 84.21 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094739.D
Acq: 1 May 2017 3:46

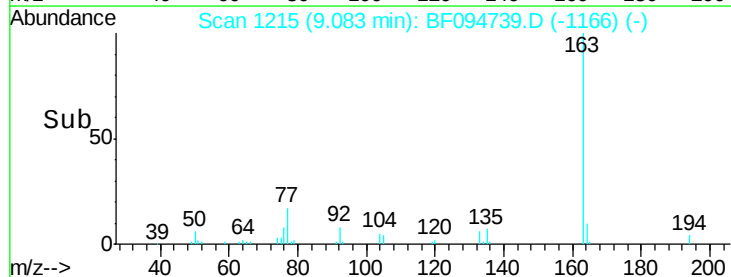
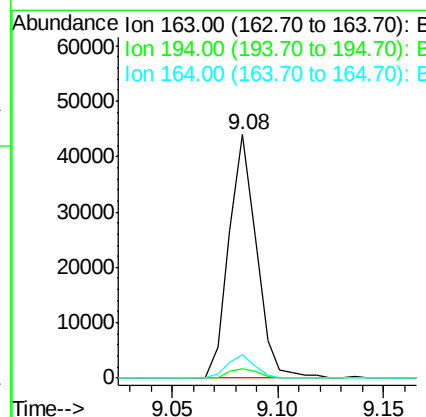
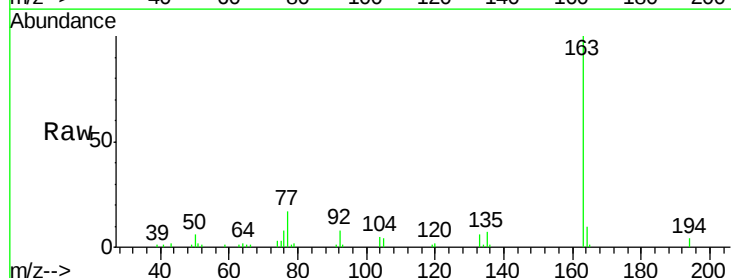
Instrument :
BNA_F
ClientSampleId :
MW-9B

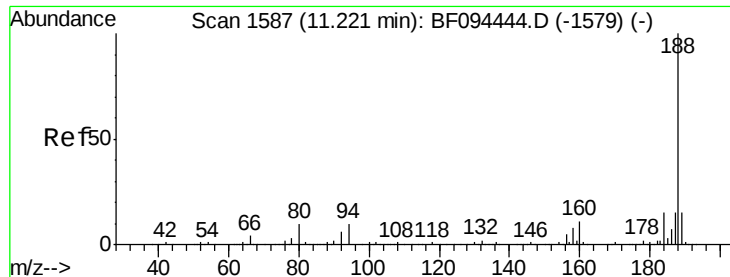
Tot Ion:172 Resp: 1270452
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.3 19.8 29.8



#49
Dimethylphthalate
Concen: 2.40 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094739.D
Acq: 1 May 2017 3:46

Tgt Ion:163 Resp: 39701
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 9.5 8.4 12.6

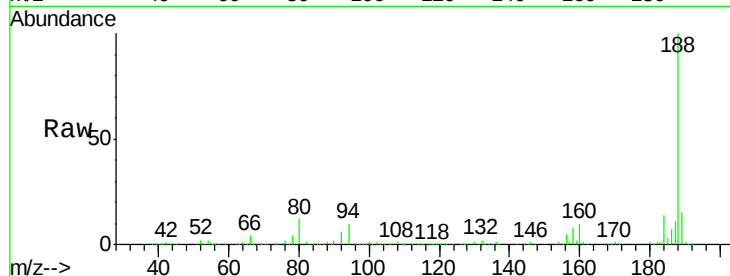




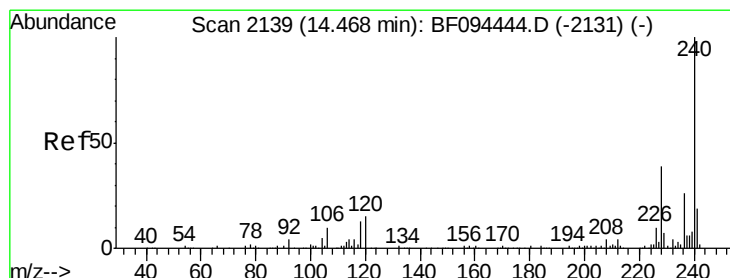
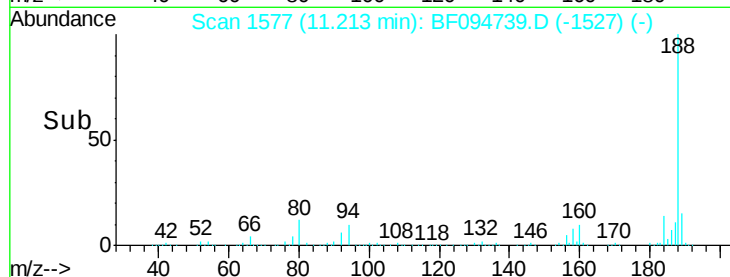
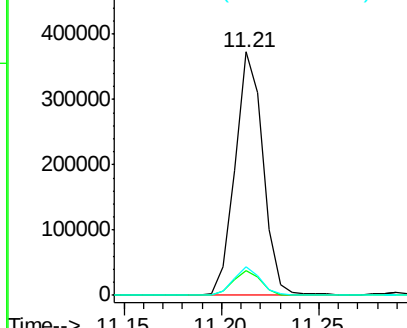
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094739.D
Acq: 1 May 2017 3:46

Instrument :
BNA_F
ClientSampleId :
MW-9B

Tot Ion:188 Resp: 371295
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.6 10.2 15.2

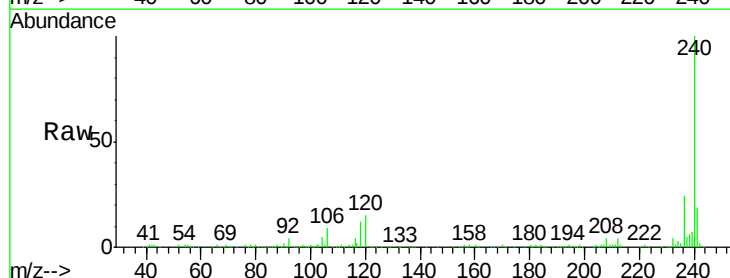


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

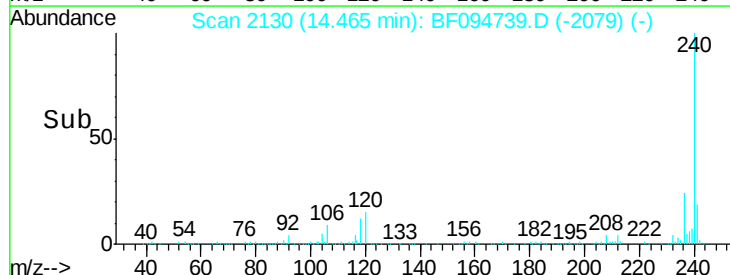
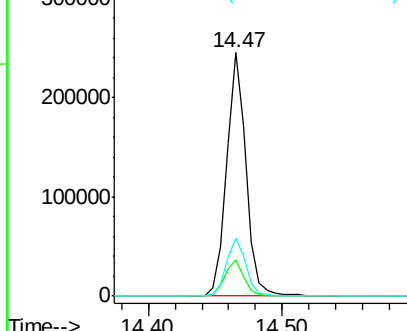


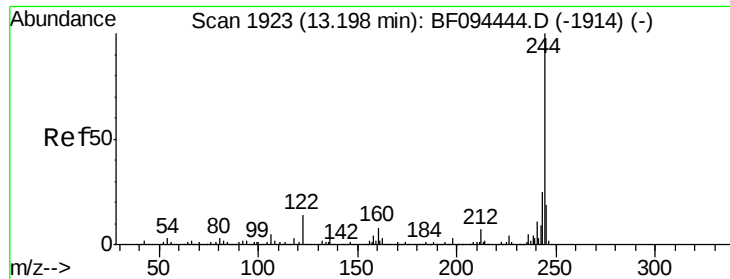
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094739.D
Acq: 1 May 2017 3:46

Tgt Ion:240 Resp: 250816
Ion Ratio Lower Upper
240 100
120 14.7 5.8 8.8#
236 24.0 20.5 30.7



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

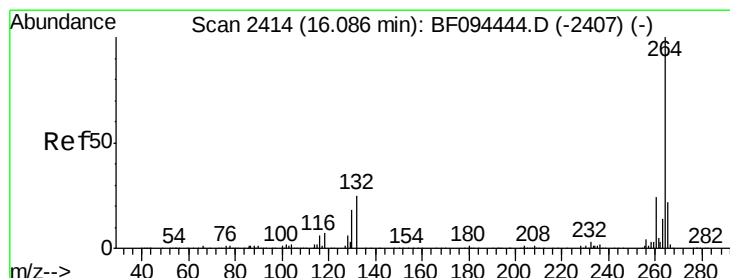
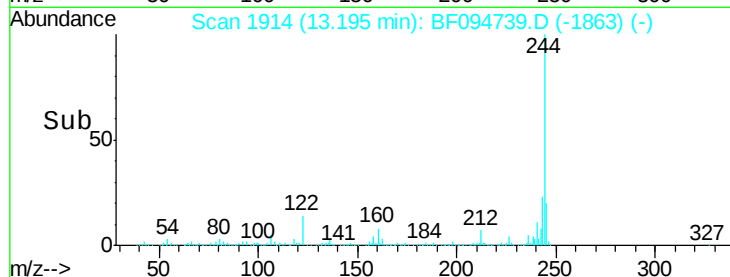
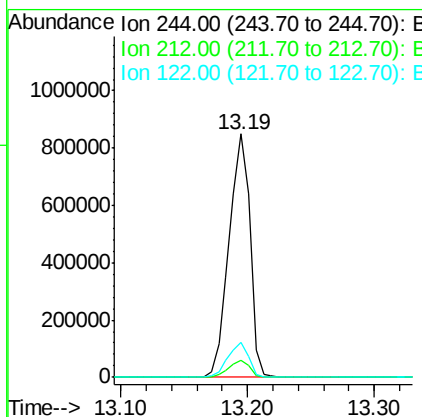
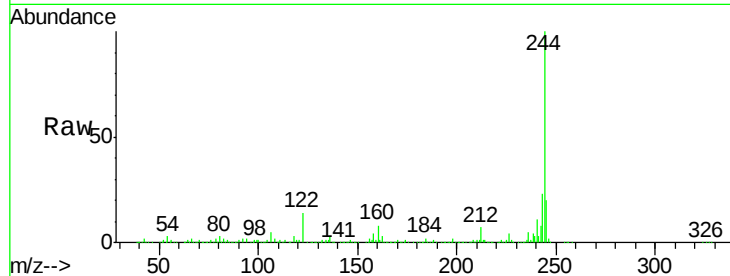




#78
 Terphenyl-d14
 Concen: 103.11 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094739.D
 Acq: 1 May 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :
 MW-9B

Tot Ion:244 Resp: 967528
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094739.D
 Acq: 1 May 2017 3:46

Tgt Ion:264 Resp: 225709
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.9 17.2 25.8

