

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091194.D
 Acq On : 16 Nov 2016 18:04
 Operator : UM/SJ
 Sample : H5636-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS073042

Quant Time: Nov 17 00:31:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 00:05:11 2016
 Response via : Initial Calibration

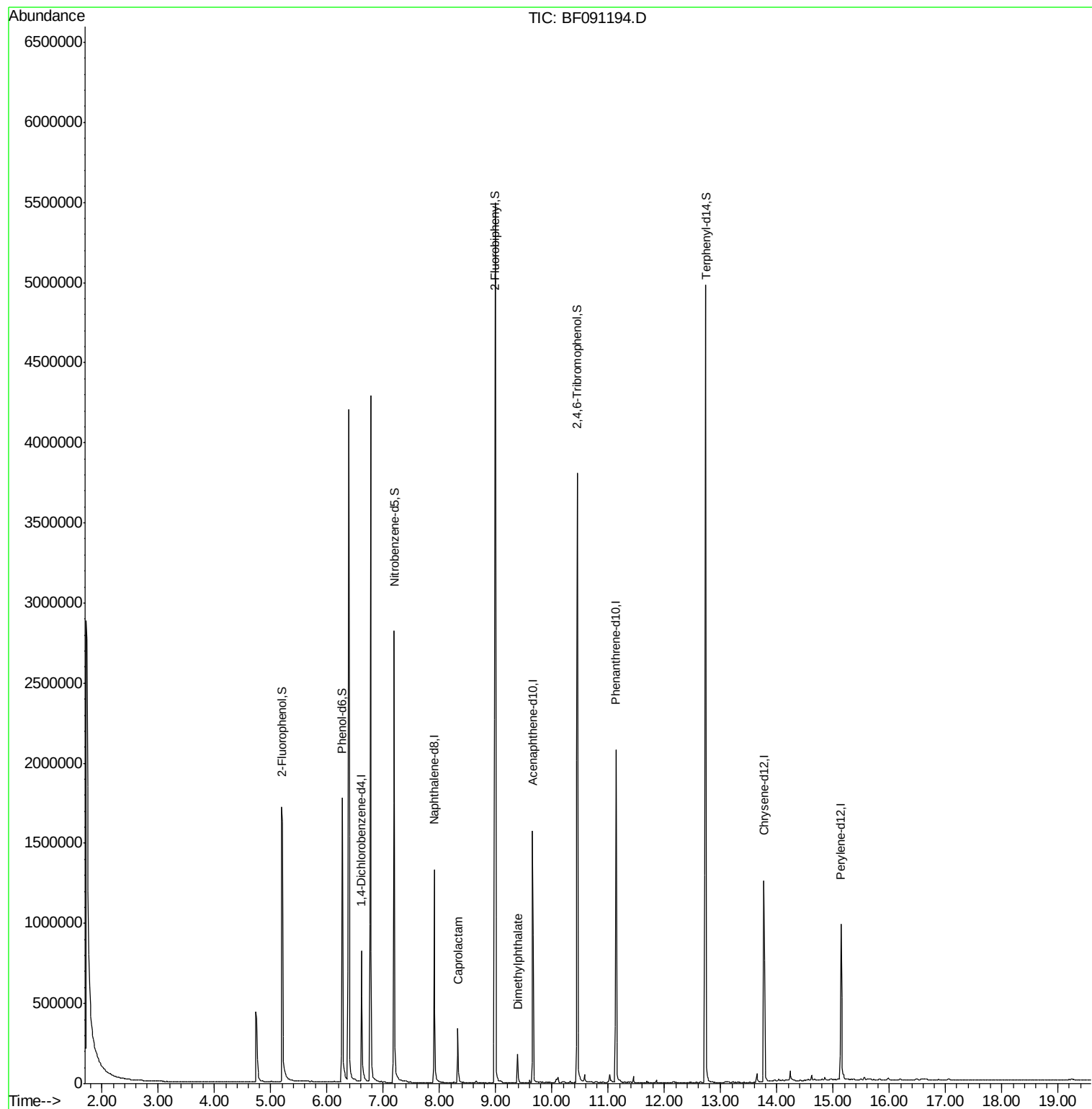
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	178386	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	729925	20.00	ng	-0.01
38) Acenaphthene-d10	9.65	164	422319	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	741668	20.00	ng	0.00
75) Chrysene-d12	13.77	240	546191	20.00	ng	-0.01
86) Perylene-d12	15.14	264	434647	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	827471	76.61	ng	0.01
7) Phenol-d6	6.27	99	687686	46.91	ng	-0.01
23) Nitrobenzene-d5	7.20	82	1321473	98.76	ng	0.00
41) 2,4,6-Tribromophenol	10.45	330	586825	153.70	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	2176396	88.72	ng	0.00
78) Terphenyl-d14	12.74	244	2592291	118.44	ng	0.01
Target Compounds						
35) Caprolactam	8.33	113	47468	16.74	ng	Qvalue # 75
49) Dimethylphthalate	9.39	163	74244	2.68	ng	97

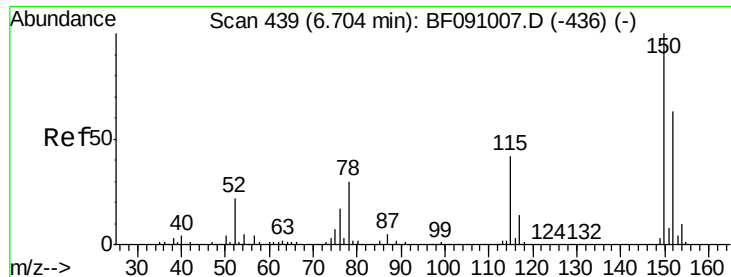
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.61 min Scan# 431

Delta R.T. -0.01 min

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CPS073042

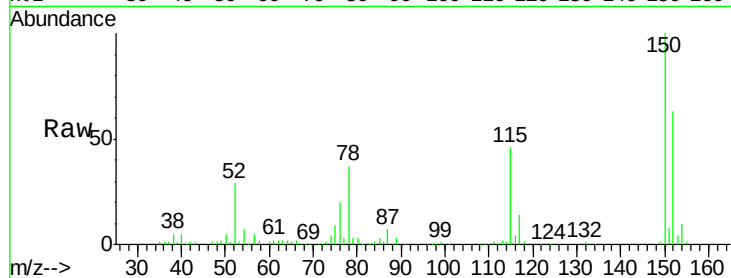
Tgt Ion:152 Resp: 178386

Ion Ratio Lower Upper

152 100

150 159.7 126.8 190.2

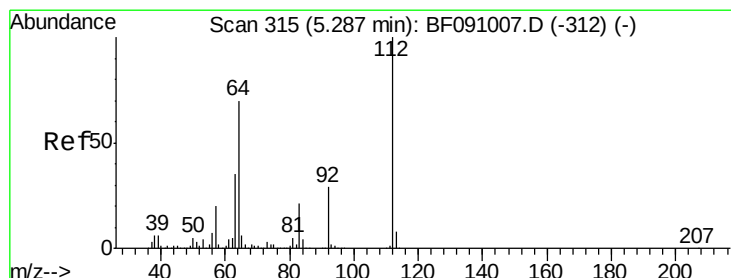
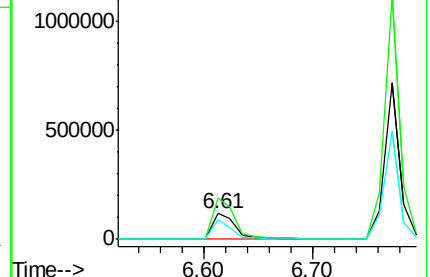
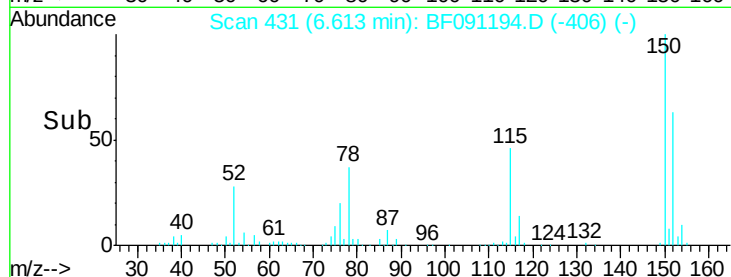
115 73.3 53.3 79.9



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: 76.61 ng

RT: 5.21 min Scan# 308

Delta R.T. 0.01 min

Lab File: BF091194.D

Acq: 16 Nov 2016 18:04

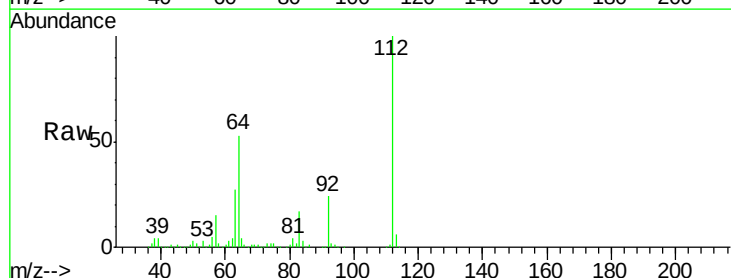
Tgt Ion:112 Resp: 827471

Ion Ratio Lower Upper

112 100

64 52.6 55.8 83.6#

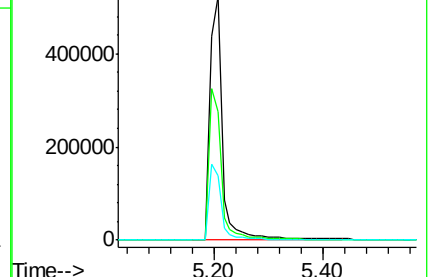
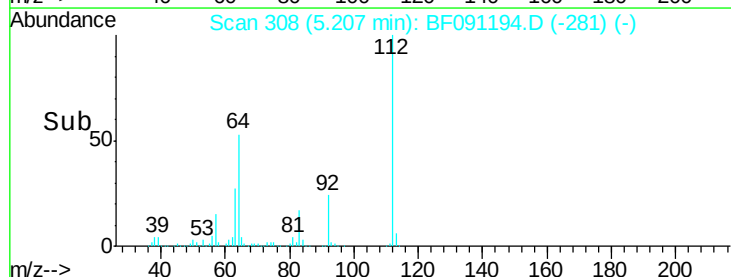
63 26.6 28.0 42.0#

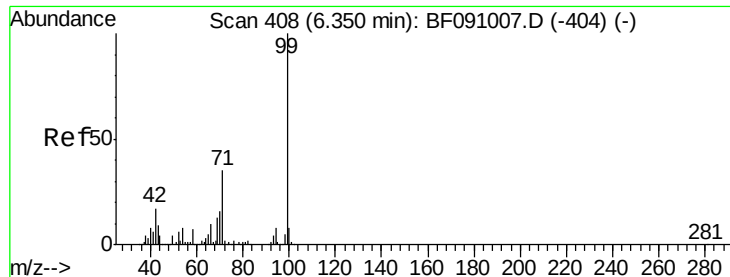


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.91 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF091194.D

Acq: 16 Nov 2016 18:04

Instrument :

BNA_F

ClientSampleId :

CPS073042

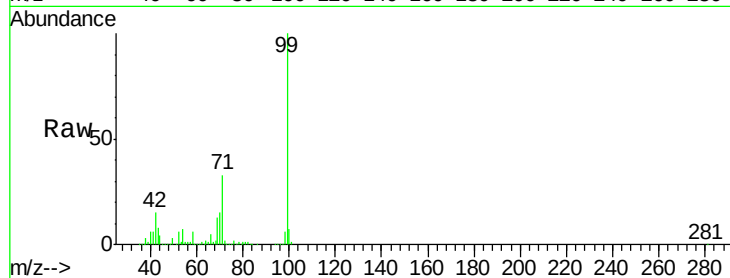
Tgt Ion: 99 Resp: 687686

Ion Ratio Lower Upper

99 100

42 15.5 13.9 20.9

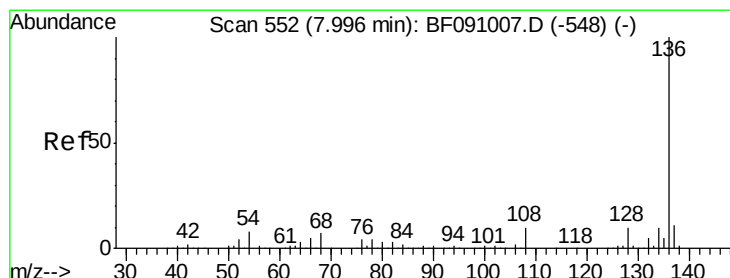
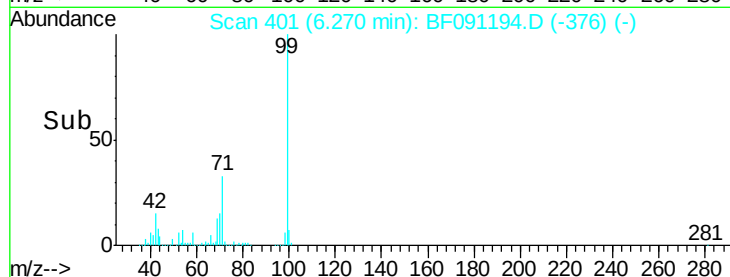
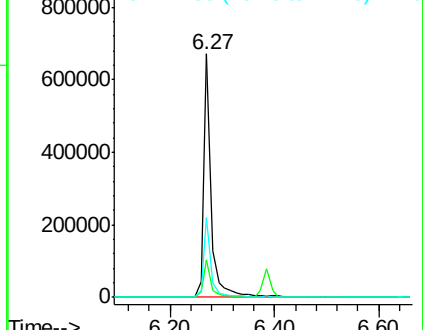
71 32.6 27.8 41.8



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: 7.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF091194.D

Acq: 16 Nov 2016 18:04

Tgt Ion: 136 Resp: 729925

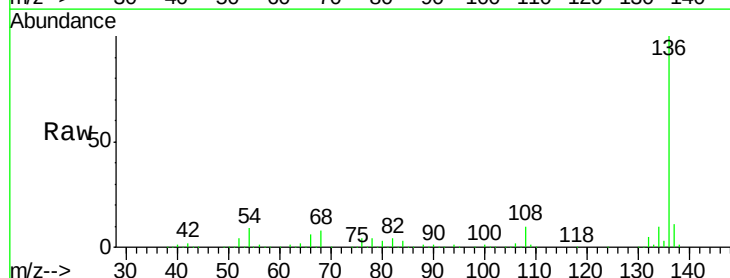
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.6 6.2 9.2

68 7.8 5.5 8.3

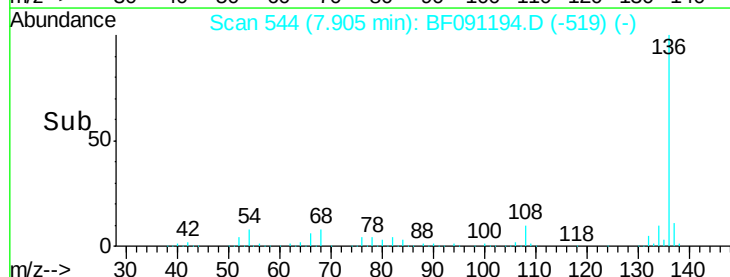
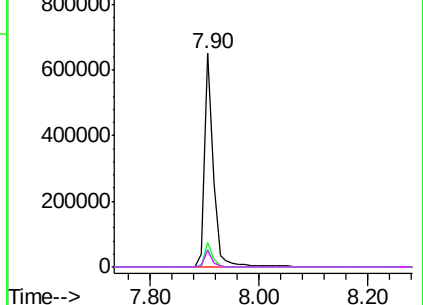


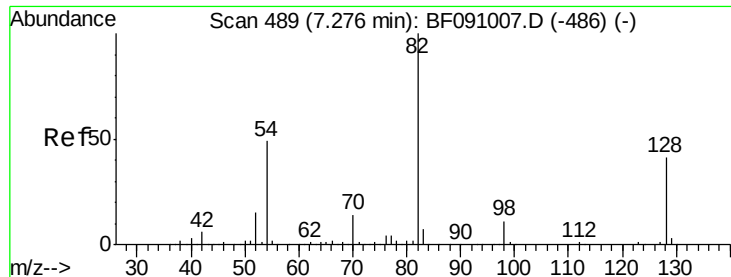
Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.76 ng

RT: 7.20 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF091194.D

Acq: 16 Nov 2016 18:04

Instrument :

BNA_F

ClientSampleId :

CPS073042

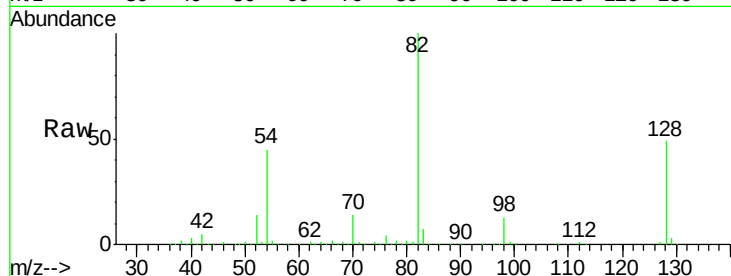
Tgt Ion: 82 Resp: 1321473

Ion Ratio Lower Upper

82 100

128 49.4 32.4 48.6#

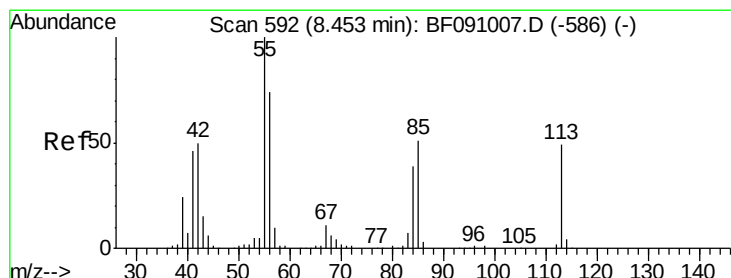
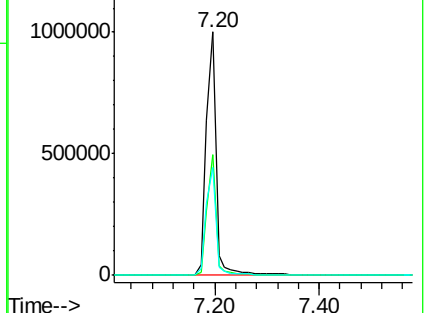
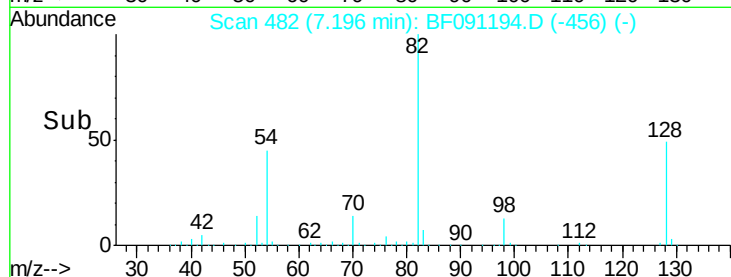
54 44.6 39.2 58.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#35

Caprolactam

Concen: 16.74 ng

RT: 8.33 min Scan# 581

Delta R.T. -0.07 min

Lab File: BF091194.D

Acq: 16 Nov 2016 18:04

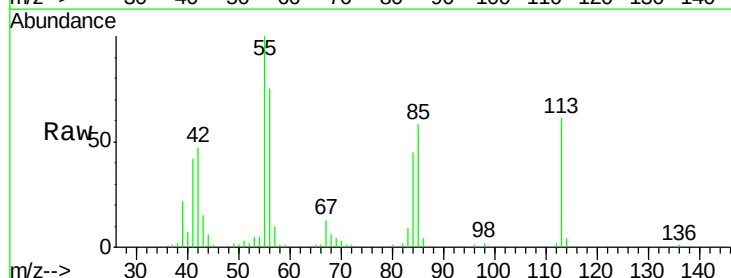
Tgt Ion: 113 Resp: 47468

Ion Ratio Lower Upper

113 100

55 163.2 184.1 224.1#

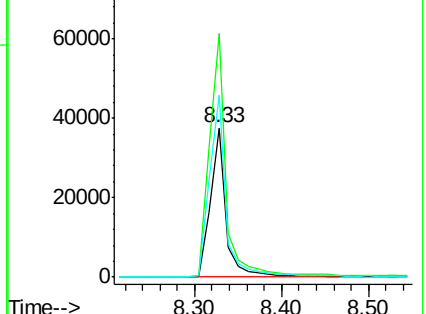
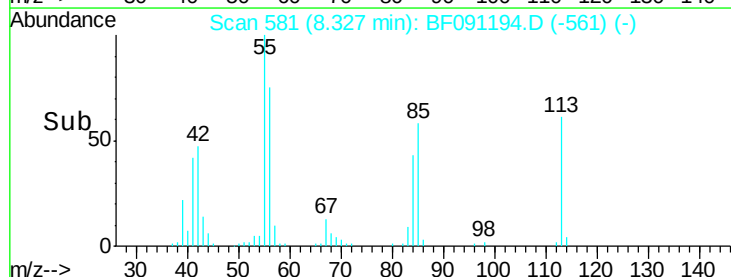
56 122.0 132.0 172.0#

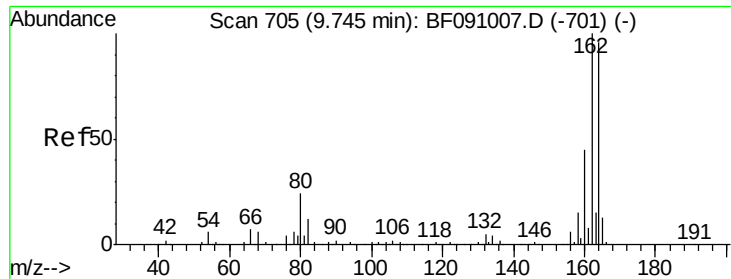


Abundance Ion 113.00 (112.70 to 113.70): BF0

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF091194.D

Acq: 16 Nov 2016 18:04

Instrument :

BNA_F

ClientSampleId :

CPS073042

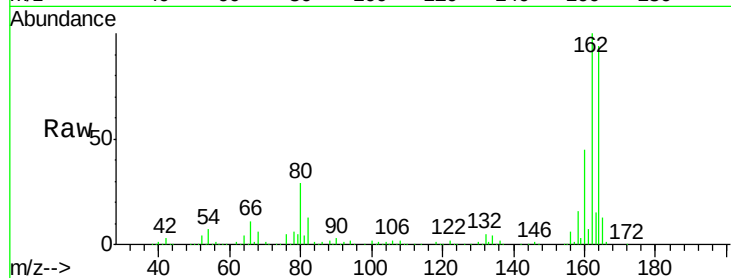
Tgt Ion:164 Resp: 422319

Ion Ratio Lower Upper

164 100

162 106.1 83.6 125.4

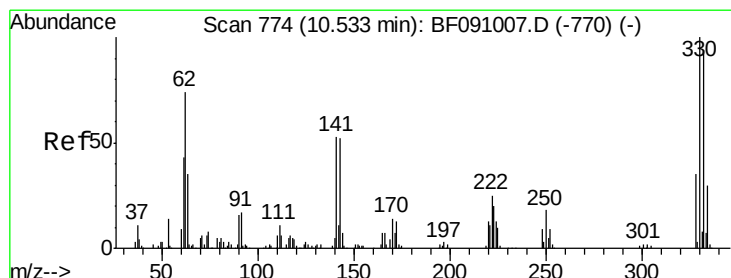
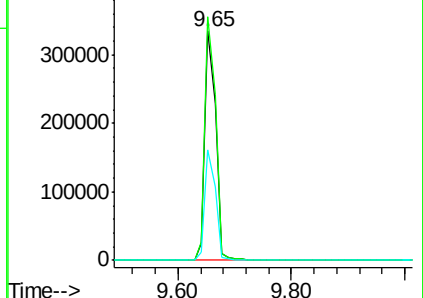
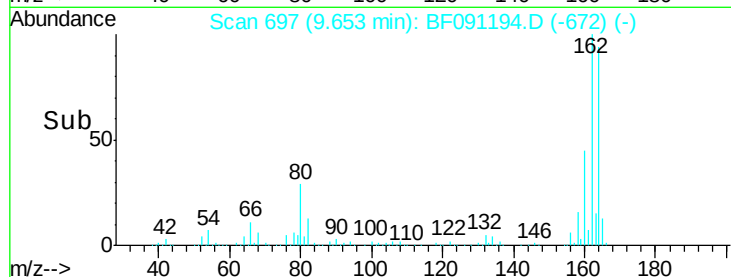
160 48.0 37.9 56.9



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: 153.70 ng

RT: 10.45 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF091194.D

Acq: 16 Nov 2016 18:04

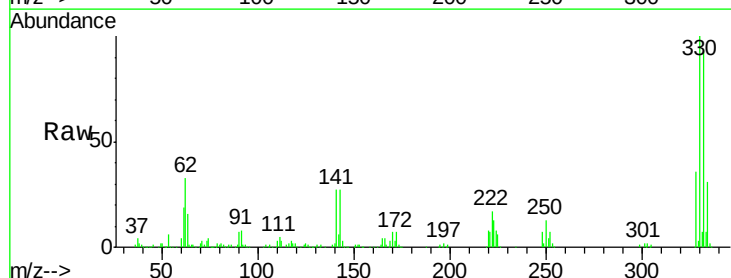
Tgt Ion:330 Resp: 586825

Ion Ratio Lower Upper

330 100

332 94.2 75.9 113.9

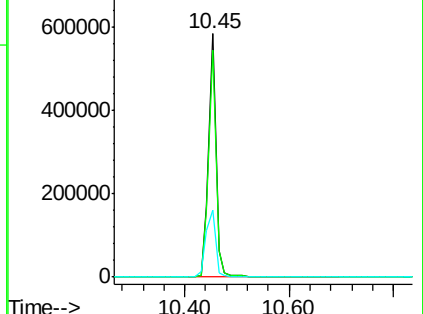
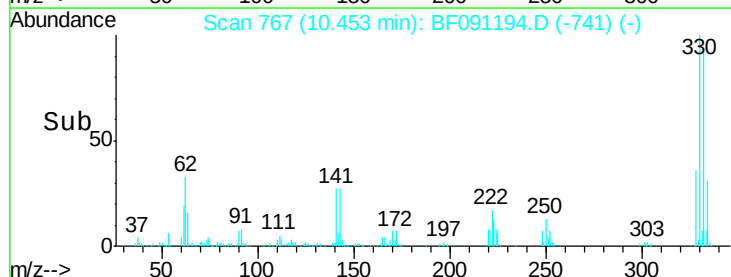
141 36.1 36.1 54.1

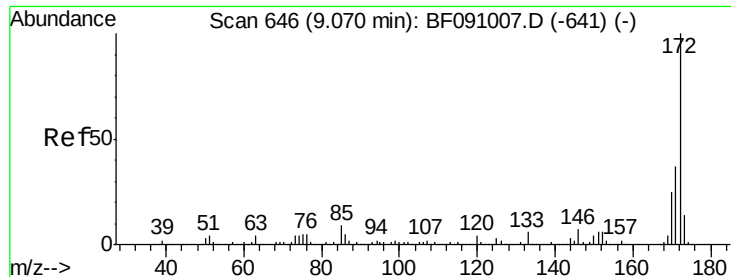


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

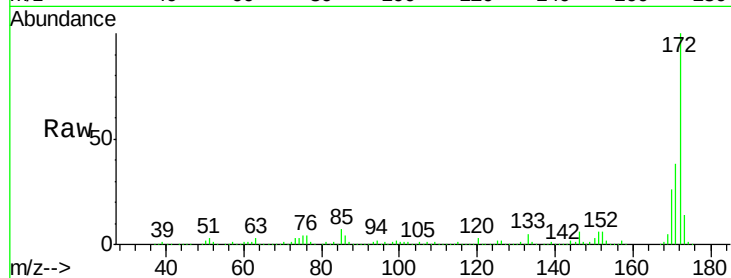




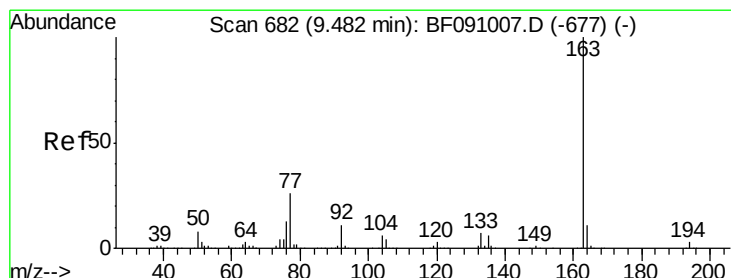
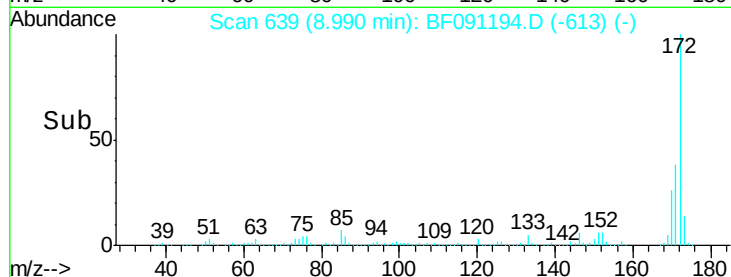
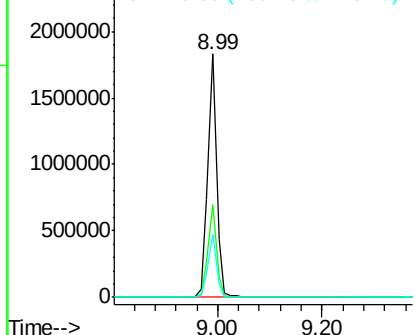
#44
 2-Fluorobiphenyl
 Concen: 88.72 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF091194.D
 Acq: 16 Nov 2016 18:04

Instrument :
 BNA_F
 ClientSampleId :
 CPS073042

Tgt Ion:172 Resp: 2176396
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.8 44.6
 170 26.0 20.3 30.5

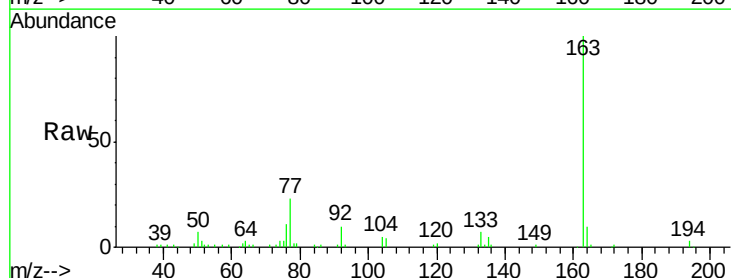


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

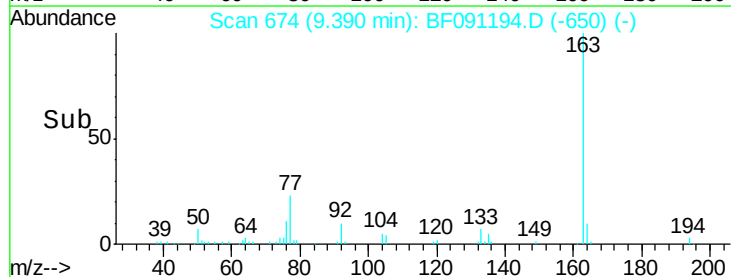
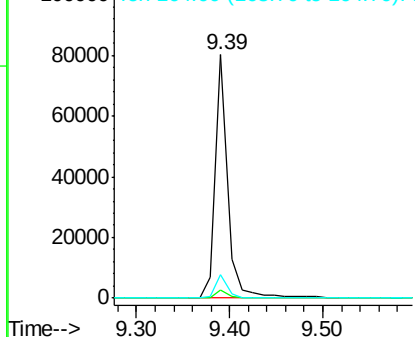


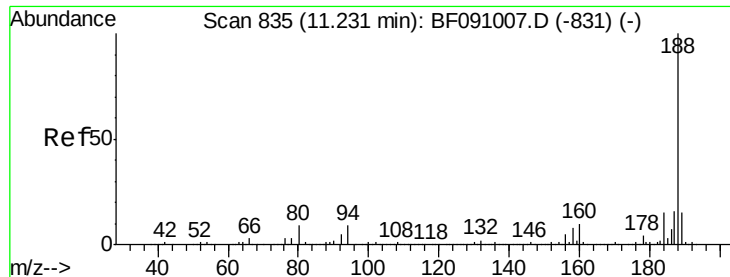
#49
 Dimethylphthalate
 Concen: 2.68 ng
 RT: 9.39 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF091194.D
 Acq: 16 Nov 2016 18:04

Tgt Ion:163 Resp: 74244
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 9.7 8.7 13.1



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

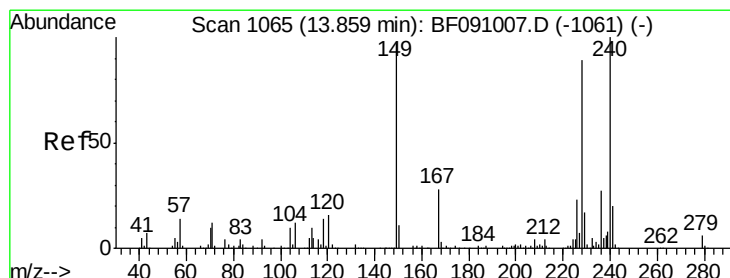
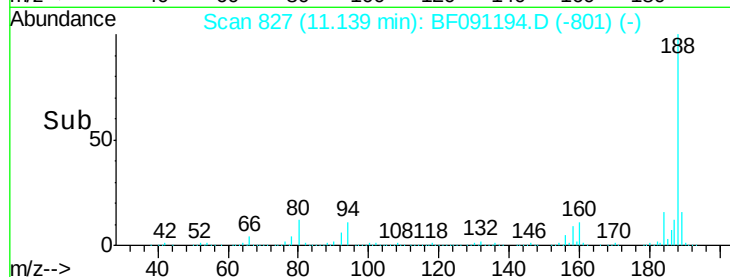
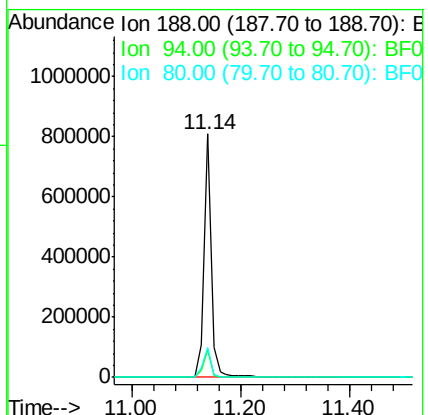
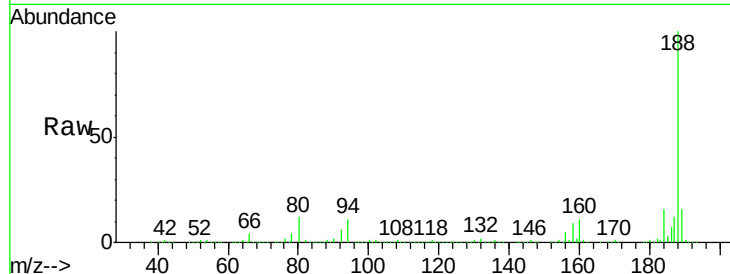




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF091194.D
Acq: 16 Nov 2016 18:04

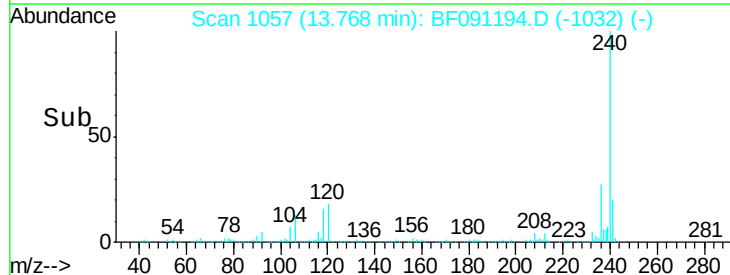
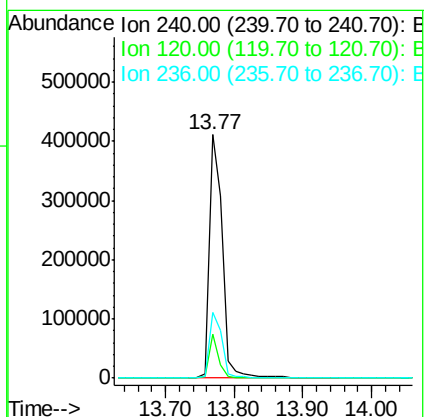
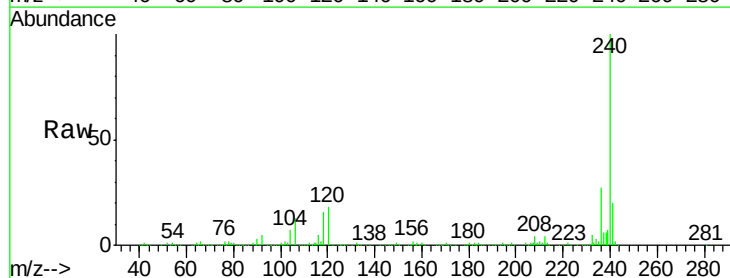
Instrument :
BNA_F
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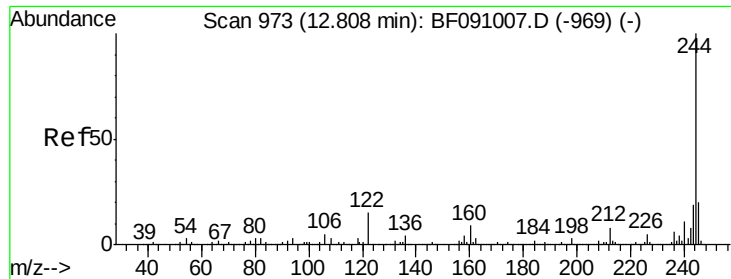
Tgt Ion:188 Resp: 741668
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.4#
80 12.0 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF091194.D
Acq: 16 Nov 2016 18:04

Tgt Ion:240 Resp: 546191
Ion Ratio Lower Upper
240 100
120 18.3 12.9 19.3
236 27.1 21.9 32.9

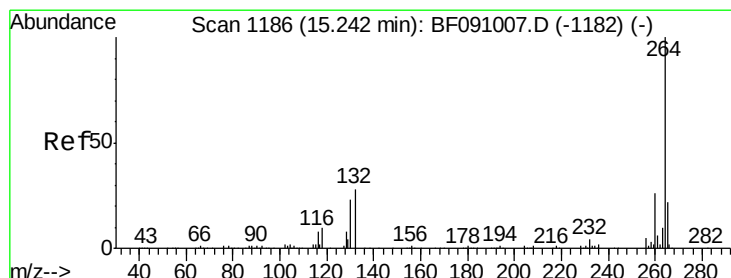
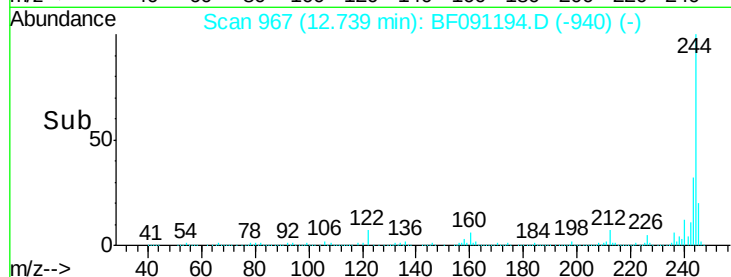
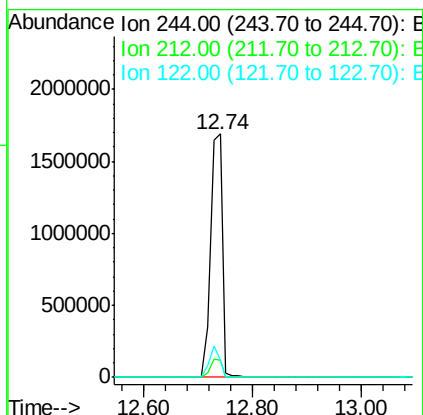
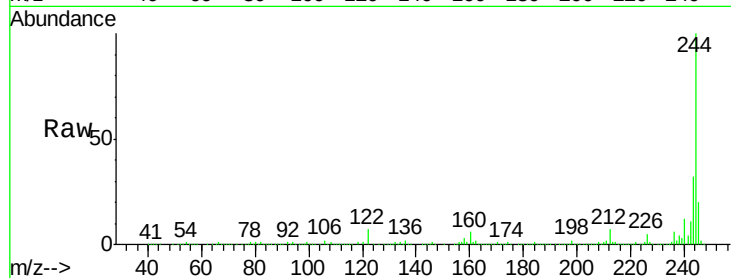




#78
 Terphenyl-d14
 Concen: 118.44 ng
 RT: 12.74 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: BF091194.D
 Acq: 16 Nov 2016 18:04

Instrument :
 BNA_F
 ClientSampleId :
 CPS073042

Tgt Ion:244 Resp: 2592291
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.4 9.6
 122 6.8 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF091194.D
 Acq: 16 Nov 2016 18:04

Tgt Ion:264 Resp: 434647
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.6 30.8
 265 22.3 17.8 26.8

