

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
 Data File : BF089092.D
 Acq On : 18 Jul 2016 20:11
 Operator : UM/SJ
 Sample : H4044-25 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H10-B5(0-5)C

Quant Time: Jul 19 04:32:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 03:29:12 2016
 Response via : Initial Calibration

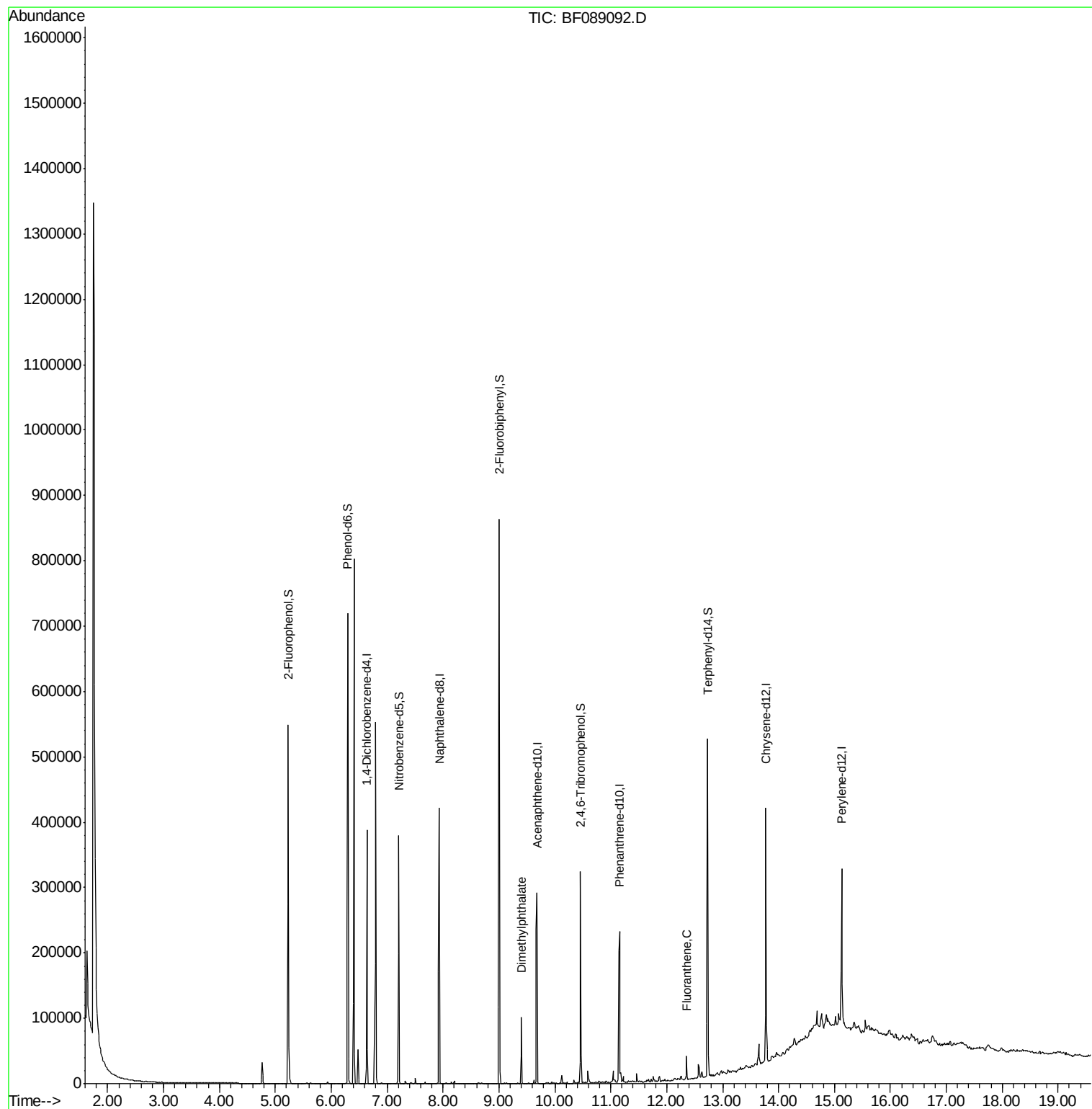
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	50894	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	206948	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	76771	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	118694	20.00	ng	0.00
75) Chrysene-d12	13.77	240	106874	20.00	ng	0.00
86) Perylene-d12	15.13	264	86739	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	176248	51.90	ng	0.01
7) Phenol-d6	6.30	99	247208	56.34	ng	0.00
23) Nitrobenzene-d5	7.21	82	144384	36.56	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	26595	37.31	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	233512	48.05	ng	0.00
78) Terphenyl-d14	12.73	244	136084	28.36	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.40	163	46820	8.56	ng	98
74) Fluoranthene	12.35	202	13693	2.08	ng	97

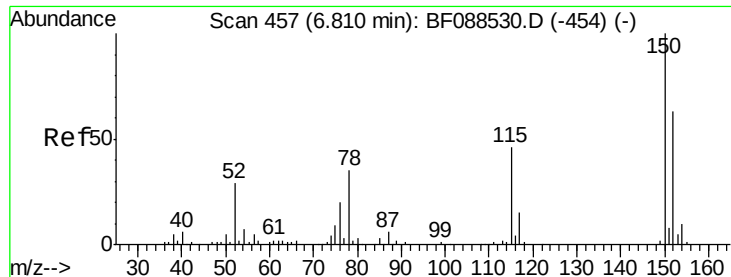
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF089092.D

Acq: 18 Jul 2016 20:11

Instrument :

BNA_F

ClientSampleId :

H10-B5(0-5)C

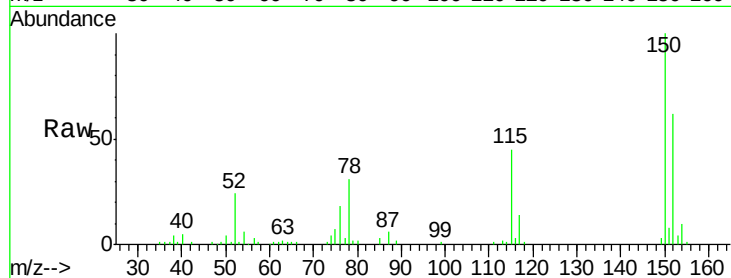
Tot Ion:152 Resp: 50894

Ion Ratio Lower Upper

152 100

150 160.7 123.8 185.6

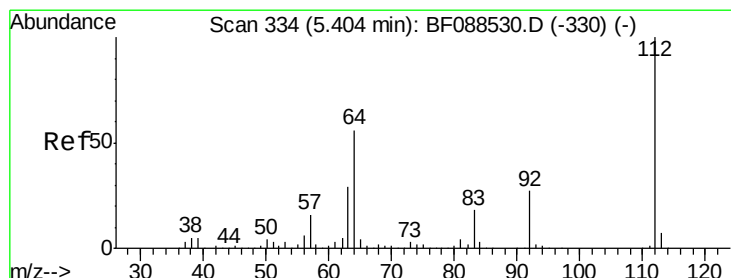
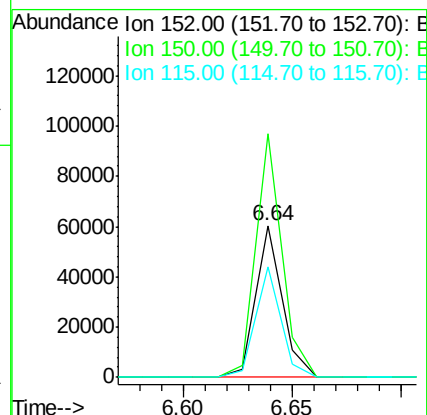
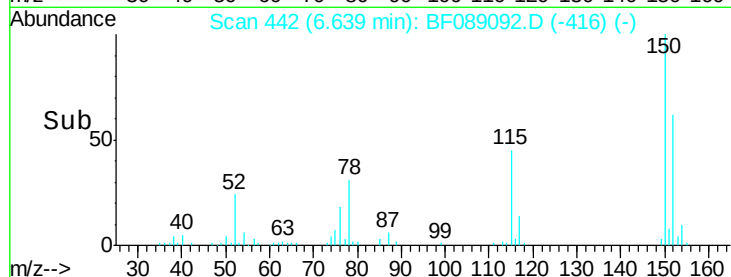
115 72.5 39.6 59.4#



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: 51.90 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.01 min

Lab File: BF089092.D

Acq: 18 Jul 2016 20:11

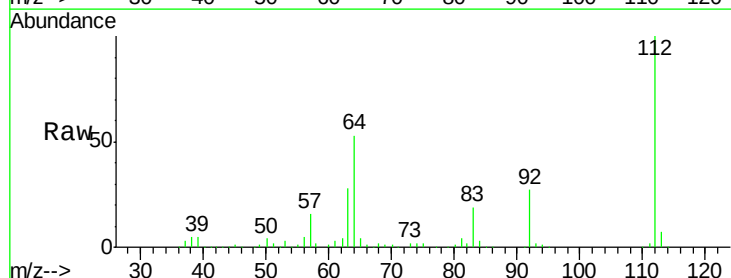
Tgt Ion:112 Resp: 176248

Ion Ratio Lower Upper

112 100

64 52.8 42.2 63.2

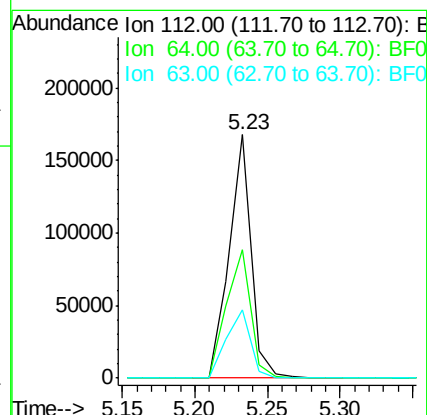
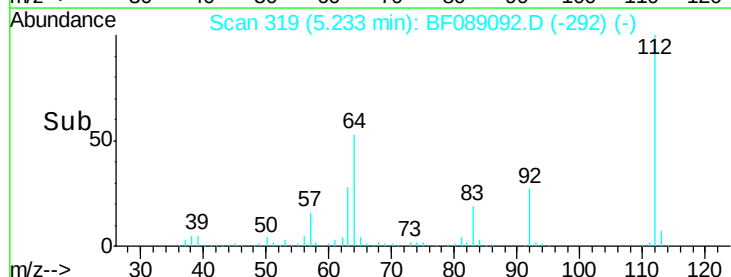
63 28.2 21.8 32.8

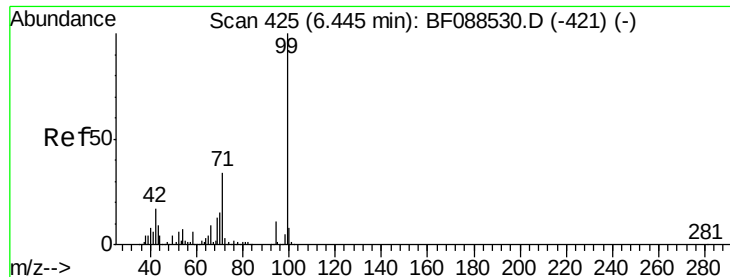


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 56.34 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089092.D

Acq: 18 Jul 2016 20:11

Instrument :

BNA_F

ClientSampleId :

H10-B5(0-5)C

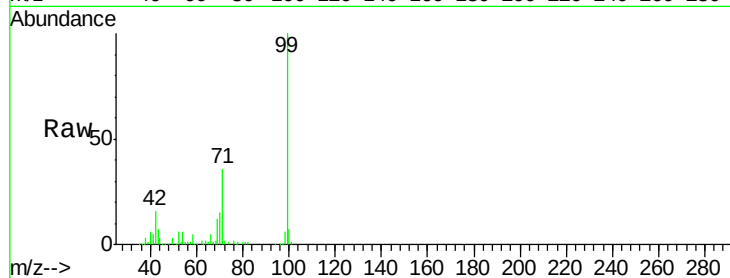
Tot Ion: 99 Resp: 247208

Ion Ratio Lower Upper

99 100

42 15.9 12.2 18.2

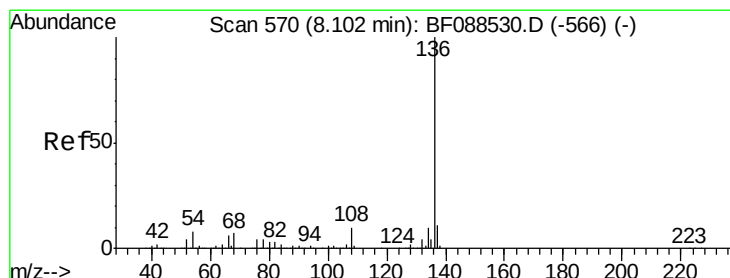
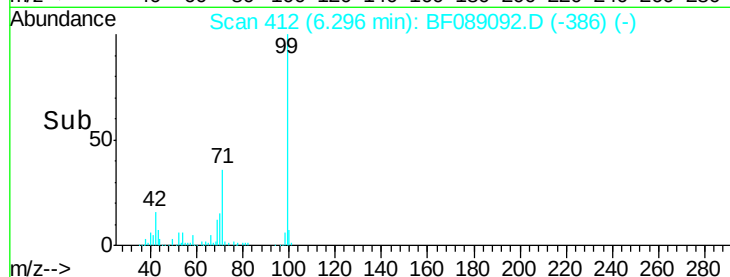
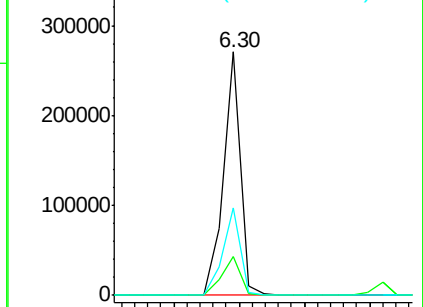
71 35.8 23.4 35.0#



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: 7.93 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF089092.D

Acq: 18 Jul 2016 20:11

Tgt Ion: 136 Resp: 206948

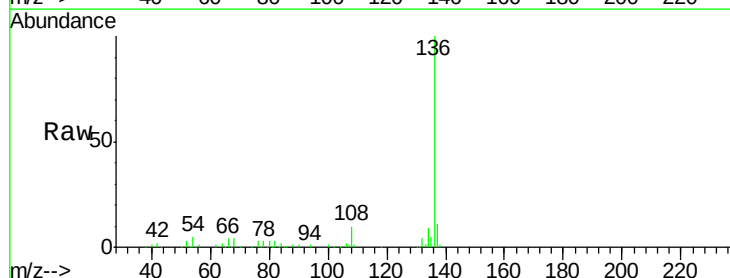
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.4 6.6 10.0#

68 4.4 5.1 7.7#

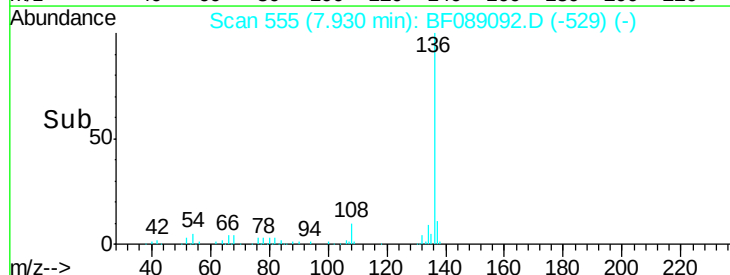
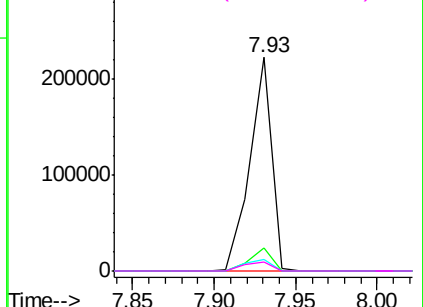


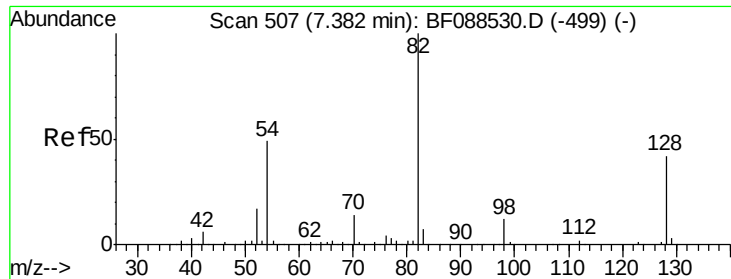
Abundance Ion 136.00 (135.70 to 136.70): E

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

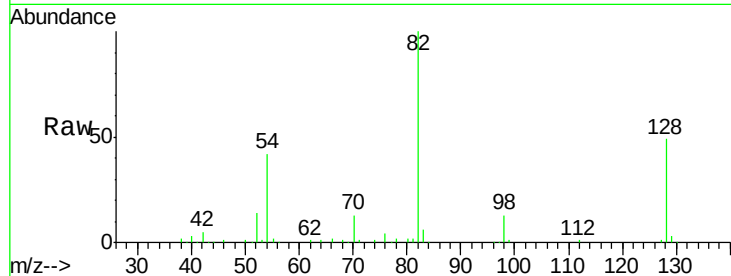




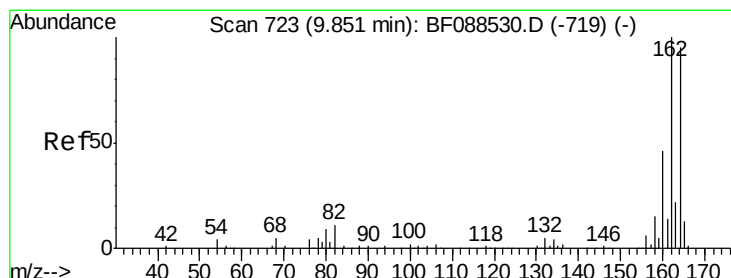
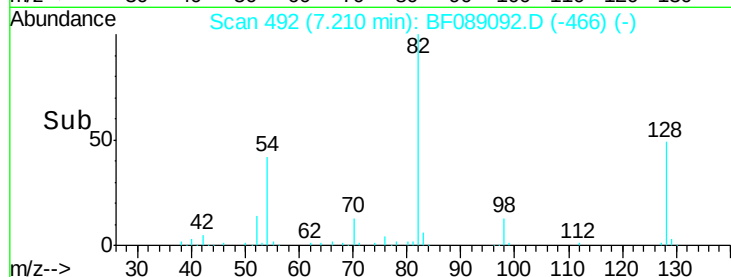
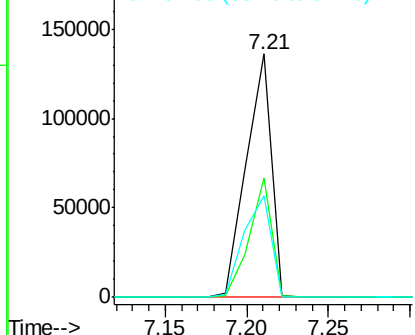
#23
 Nitrobenzene-d5
 Concen: 36.56 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF089092.D
 Acq: 18 Jul 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 H10-B5(0-5)C

Tot Ion: 82 Resp: 144384
 Ion Ratio Lower Upper
 82 100
 128 49.1 35.9 53.9
 54 41.7 40.9 61.3

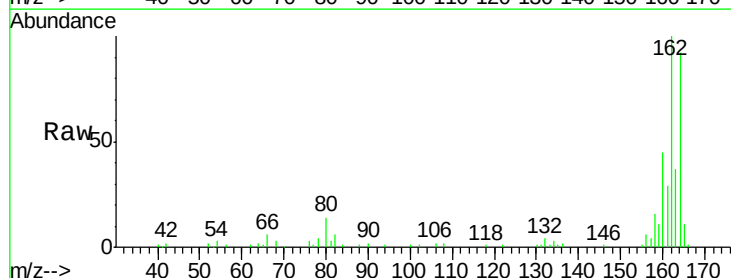


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

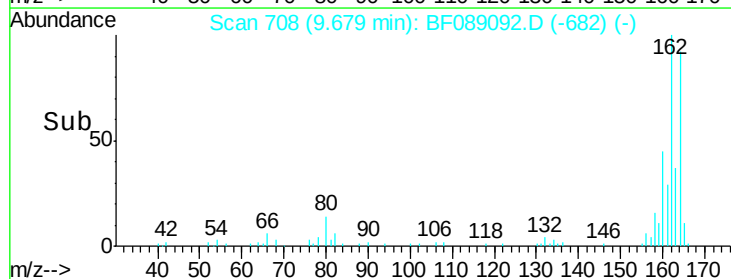
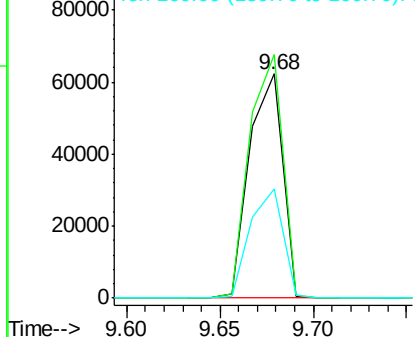


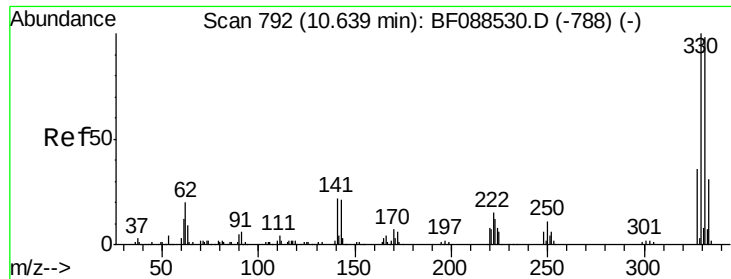
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF089092.D
 Acq: 18 Jul 2016 20:11

Tgt Ion:164 Resp: 76771
 Ion Ratio Lower Upper
 164 100
 162 108.5 85.4 128.2
 160 48.9 39.5 59.3



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

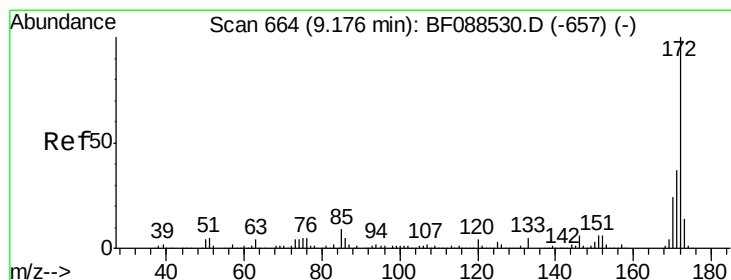
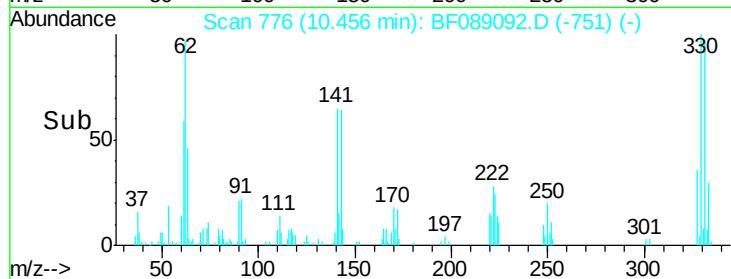
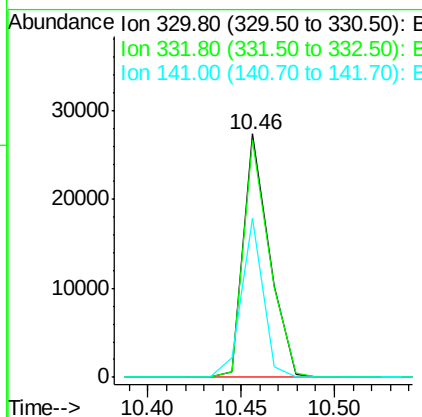
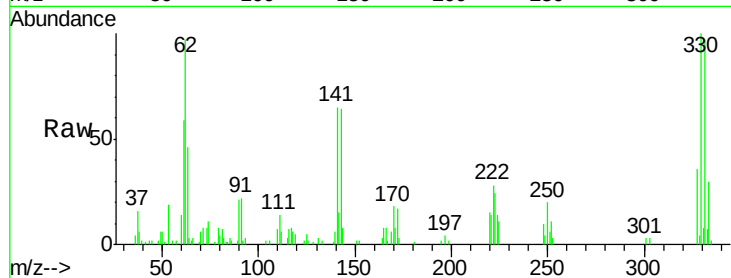




#41
 2,4,6-Tribromophenol
 Concen: 37.31 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF089092.D
 Acq: 18 Jul 2016 20:11

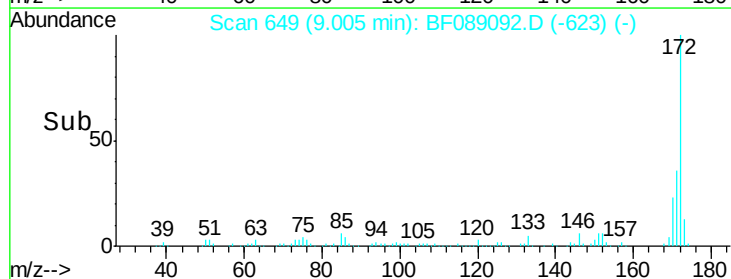
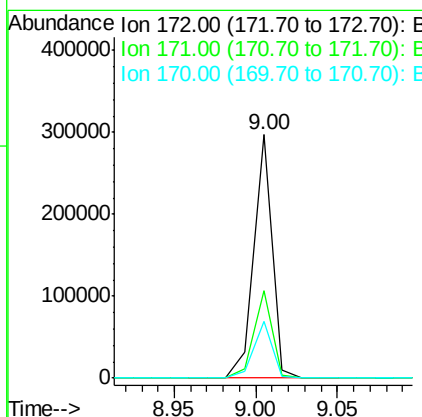
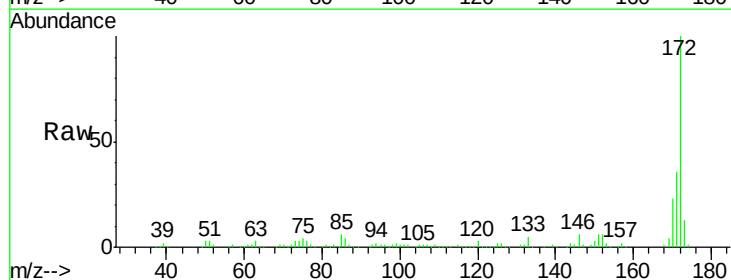
Instrument :
 BNA_F
 ClientSampleId :
 H10-B5(0-5)C

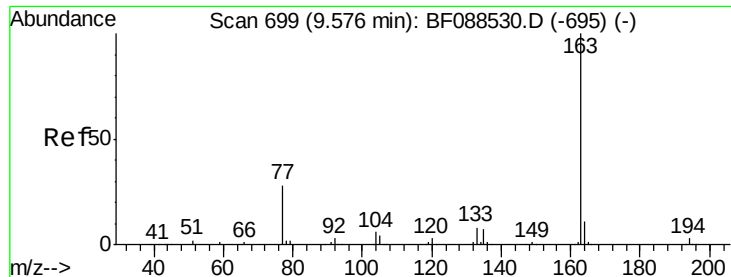
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	55.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 48.05 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF089092.D
 Acq: 18 Jul 2016 20:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.3	19.2	28.8





#49

Dimethylphthalate

Concen: 8.56 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF089092.D

Acq: 18 Jul 2016 20:11

Instrument :

BNA_F

ClientSampleId :

H10-B5(0-5)C

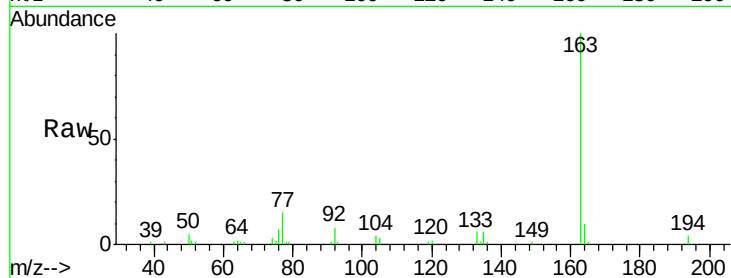
Tot Ion:163 Resp: 46820

Ion Ratio Lower Upper

163 100

194 4.0 2.8 4.2

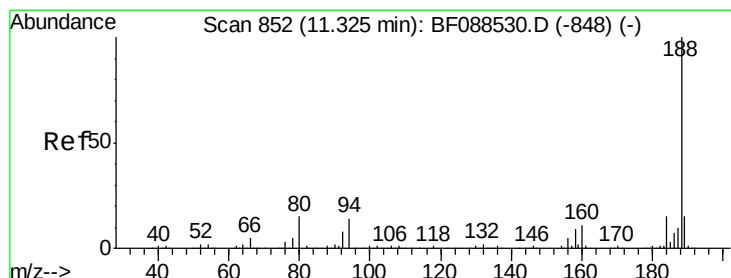
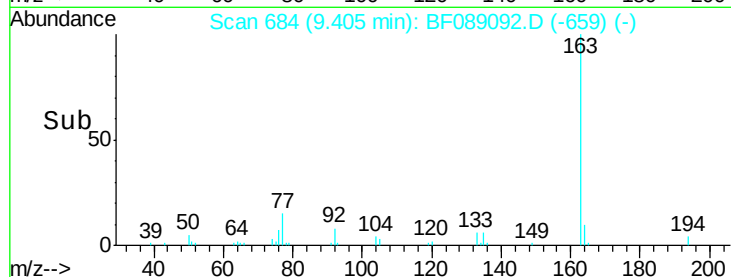
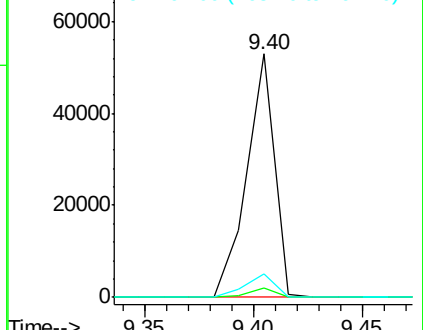
164 9.7 8.3 12.5



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: 11.15 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF089092.D

Acq: 18 Jul 2016 20:11

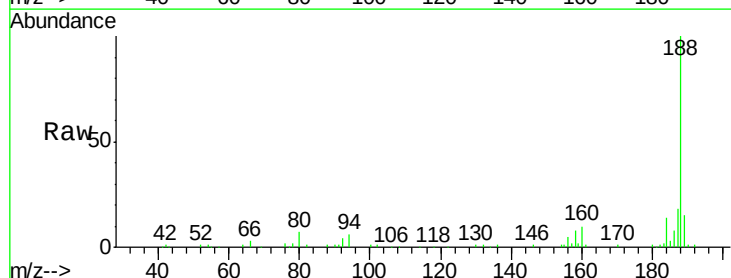
Tgt Ion:188 Resp: 118694

Ion Ratio Lower Upper

188 100

94 6.5 9.0 13.6#

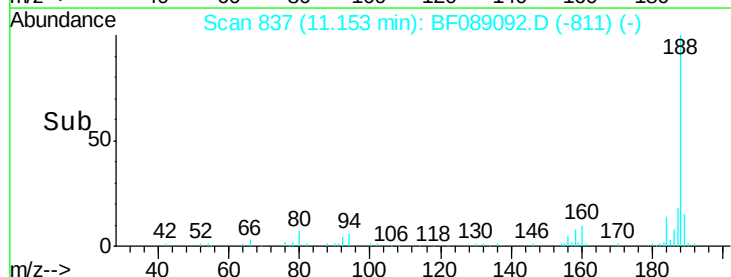
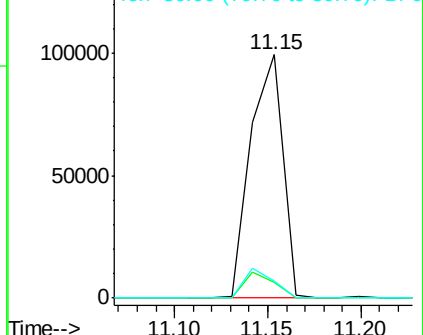
80 6.9 10.0 15.0#

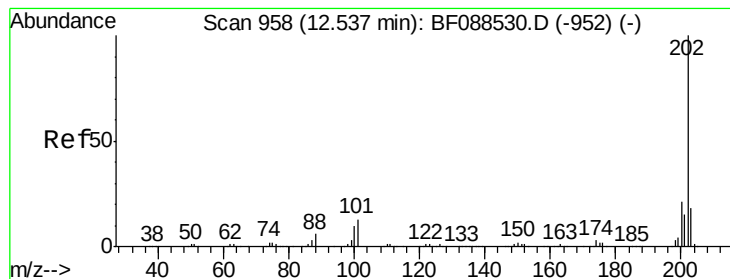


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

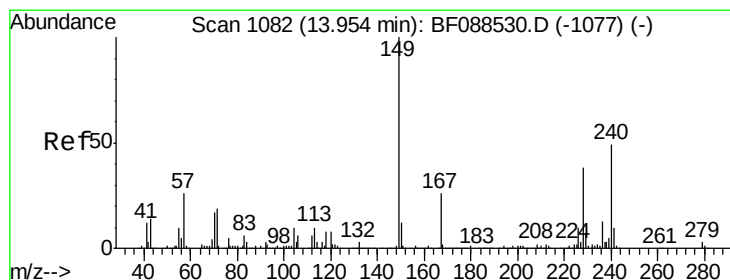
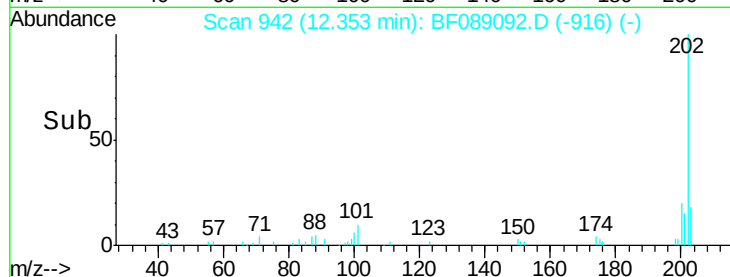
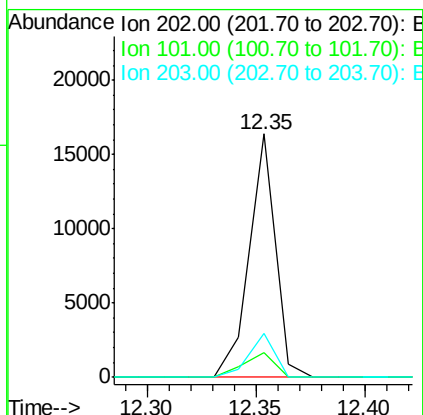
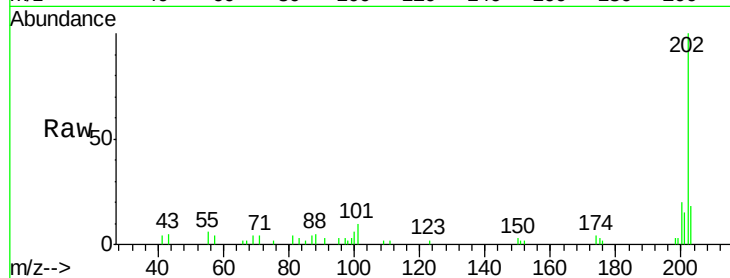




#74
 Fluoranthene
 Concen: 2.08 ng
 RT: 12.35 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF089092.D
 Acq: 18 Jul 2016 20:11

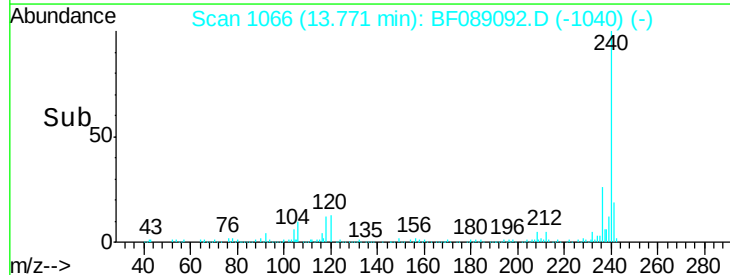
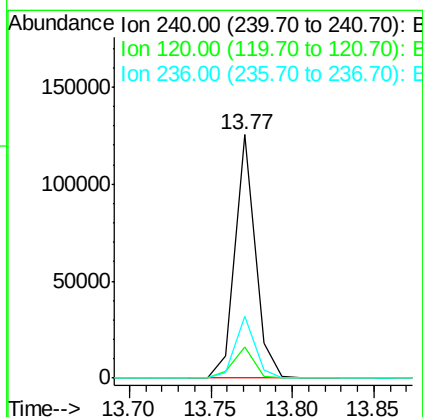
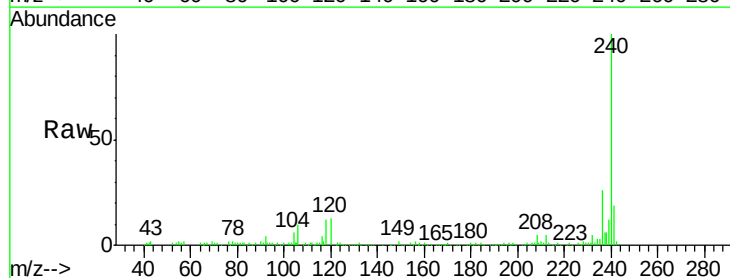
Instrument :
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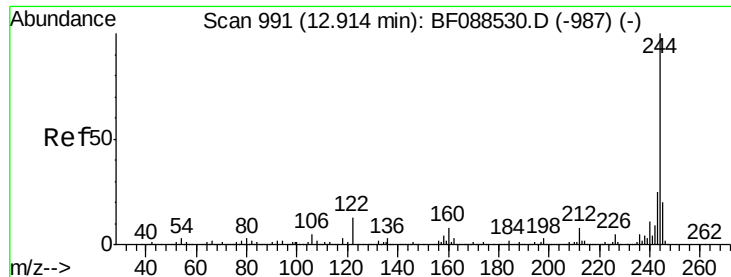
Tot Ion:202 Resp: 13693
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 33.1
 203 18.0 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF089092.D
 Acq: 18 Jul 2016 20:11

Tgt Ion:240 Resp: 106874
 Ion Ratio Lower Upper
 240 100
 120 12.7 6.8 10.2#
 236 25.6 20.2 30.2

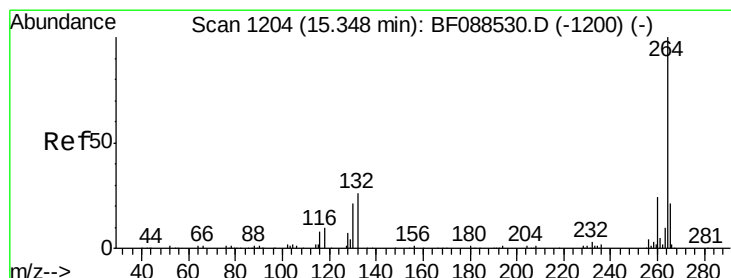
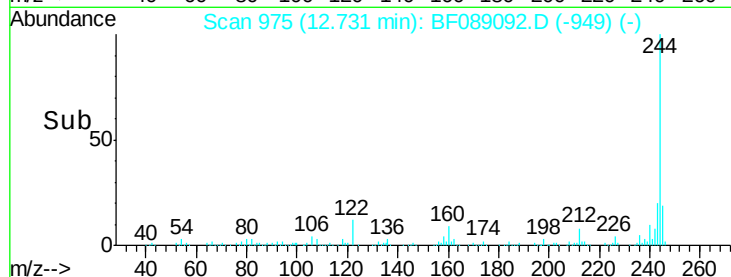
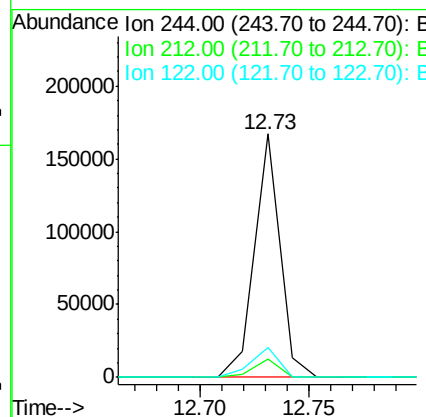
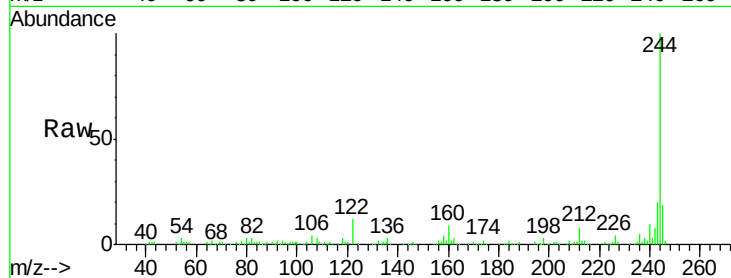




#78
 Terphenyl-d14
 Concen: 28.36 ng
 RT: 12.73 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF089092.D
 Acq: 18 Jul 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 H10-B5(0-5)C

Tot Ion:244 Resp: 136084
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 12.4 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF089092.D
 Acq: 18 Jul 2016 20:11

Tgt Ion:264 Resp: 86739
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.6 16.9 25.3

