

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
 Data File : BF090000.D
 Acq On : 7 Sep 2016 12:59
 Operator : UM/SJ
 Sample : H4676-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-6

Quant Time: Sep 07 15:14:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

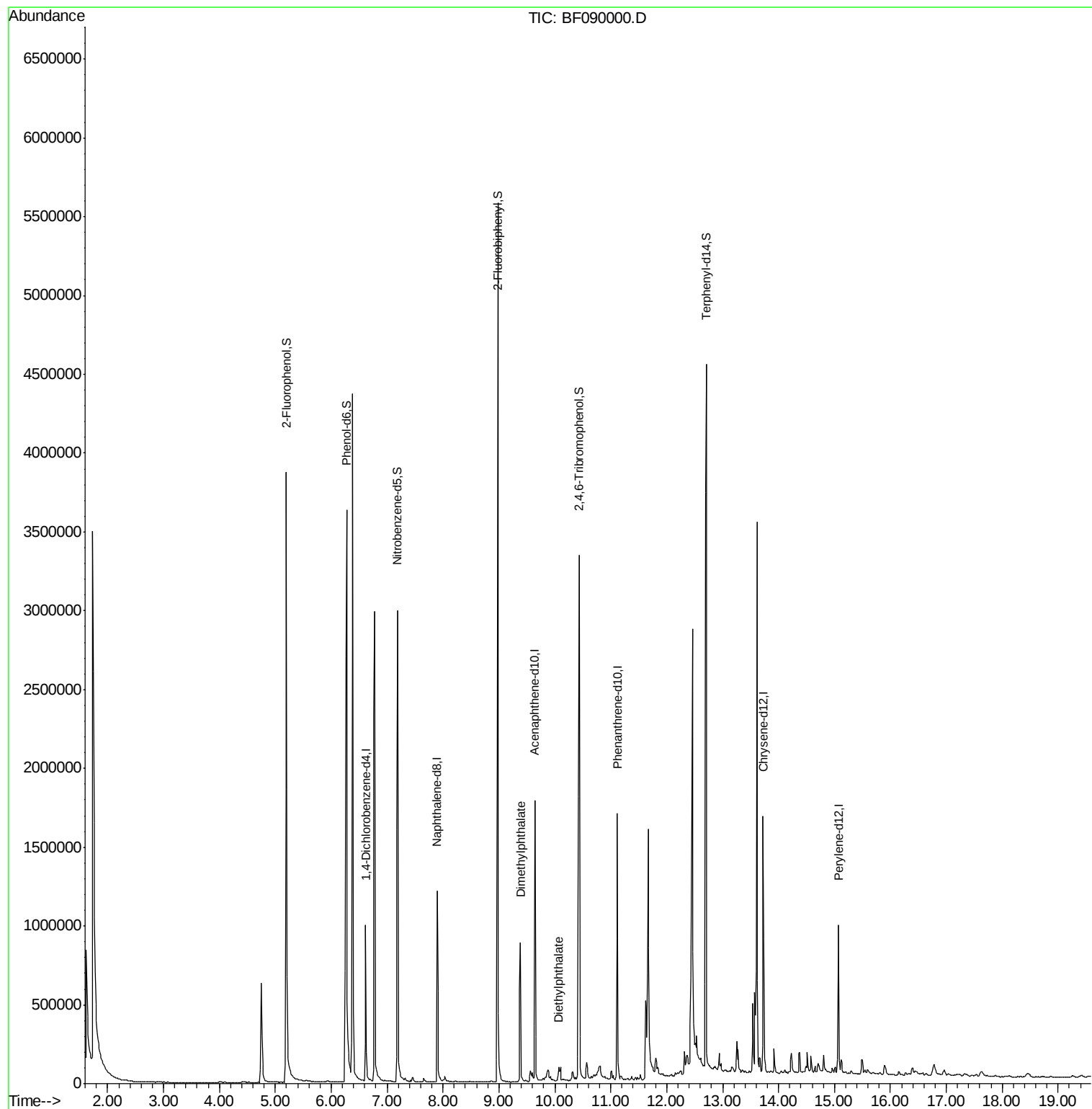
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	182176	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	708171	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	380748	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	766468	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	628582	20.00	ng	-0.03
86) Perylene-d12	15.07	264	499709	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1494474	131.31	ng	-0.01
7) Phenol-d6	6.27	99	2090367	151.15	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1210842	99.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	480971	128.04	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1950301	84.08	ng	-0.02
78) Terphenyl-d14	12.71	244	2113743	83.07	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.38	163	537343	19.53	ng	Qvalue 98
59) Diethylphthalate	10.07	149	60638	2.34	ng	97

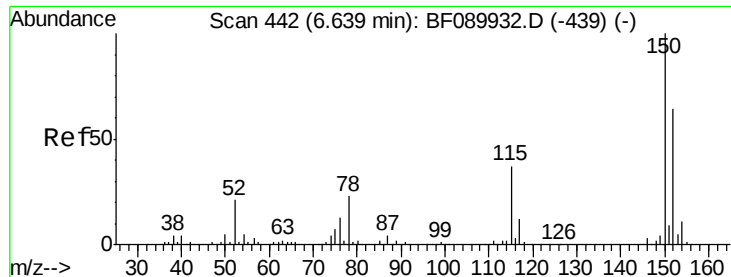
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF090000.D

Acq: 7 Sep 2016 12:59

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-6

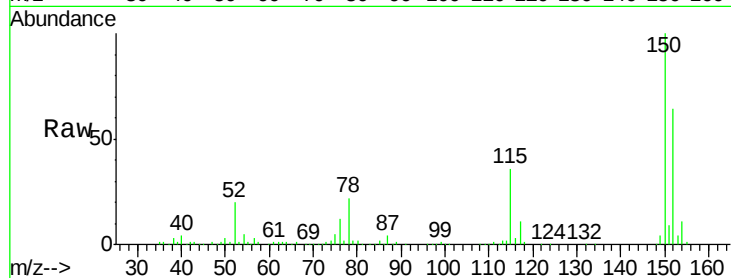
Tgt Ion:152 Resp: 182176

Ion Ratio Lower Upper

152 100

150 156.7 127.4 191.2

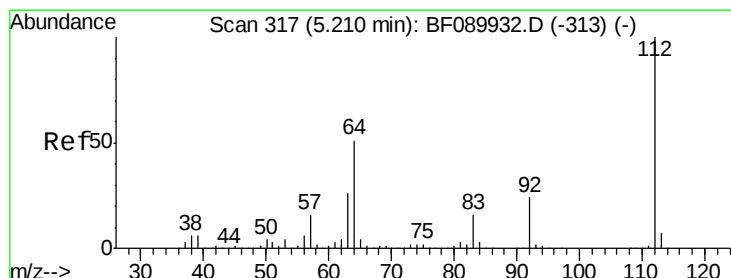
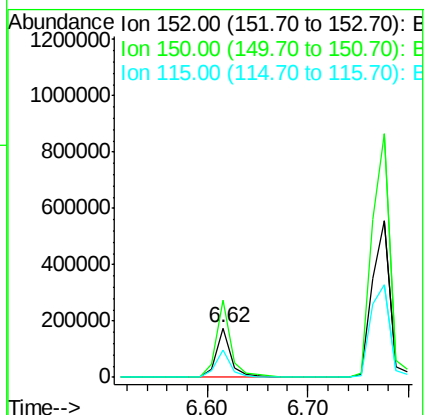
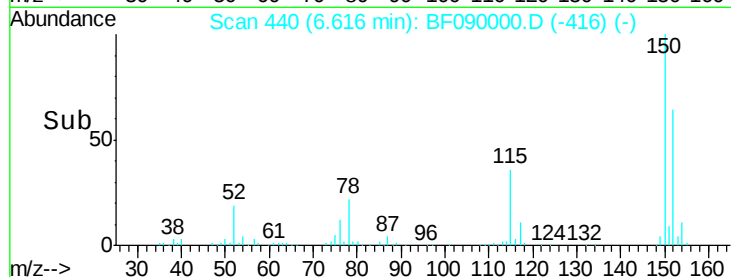
115 56.1 46.3 69.5



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: 131.31 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.01 min

Lab File: BF090000.D

Acq: 7 Sep 2016 12:59

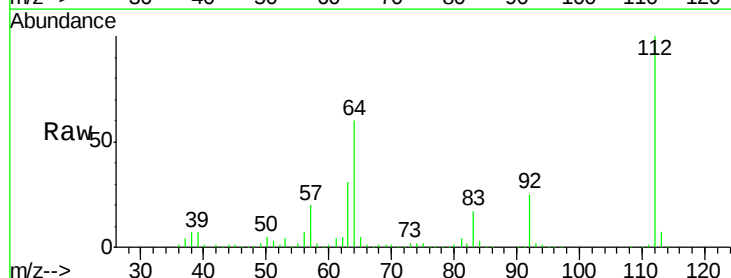
Tgt Ion:112 Resp: 1494474

Ion Ratio Lower Upper

112 100

64 60.4 41.1 61.7

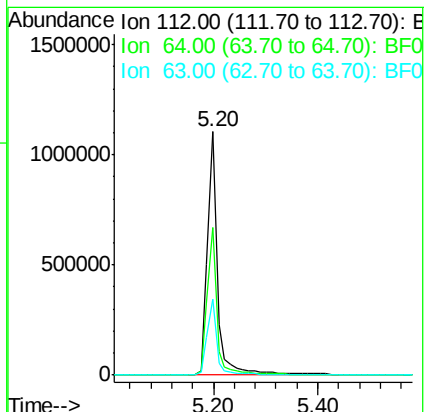
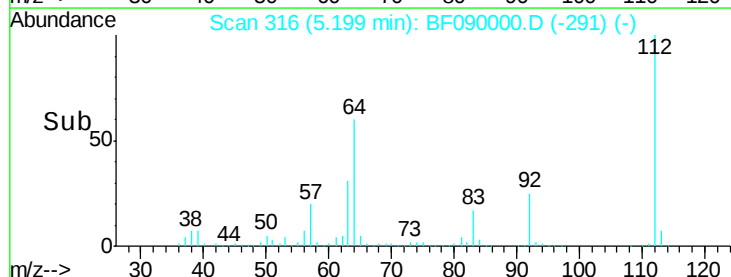
63 31.0 21.2 31.8

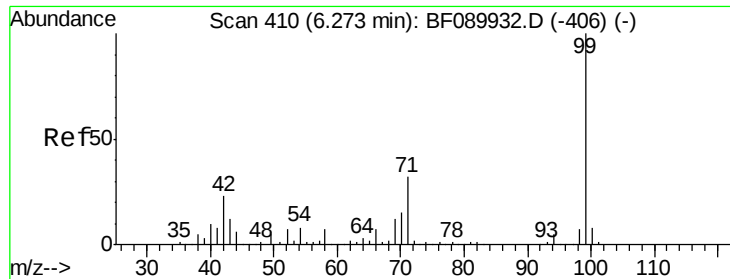


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 151.15 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF090000.D

Acq: 7 Sep 2016 12:59

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-6

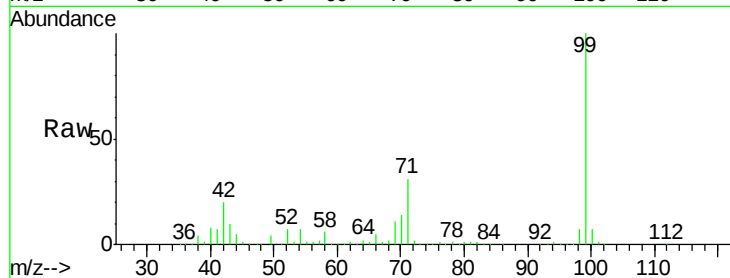
Tgt Ion: 99 Resp: 2090367

Ion Ratio Lower Upper

99 100

42 19.6 18.6 27.8

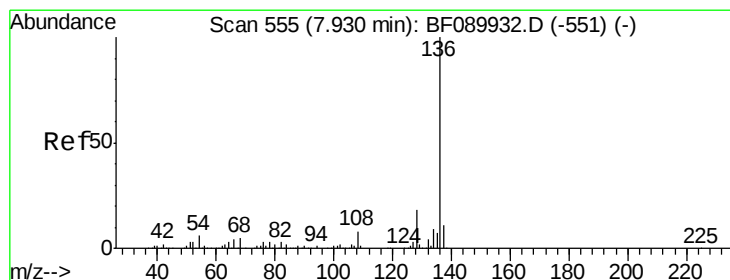
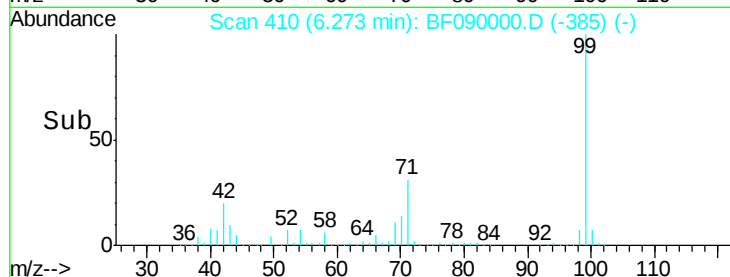
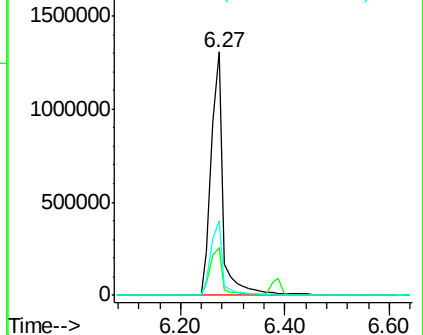
71 30.7 25.8 38.6



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# 552

Delta R.T. -0.03 min

Lab File: BF090000.D

Acq: 7 Sep 2016 12:59

Tgt Ion: 136 Resp: 708171

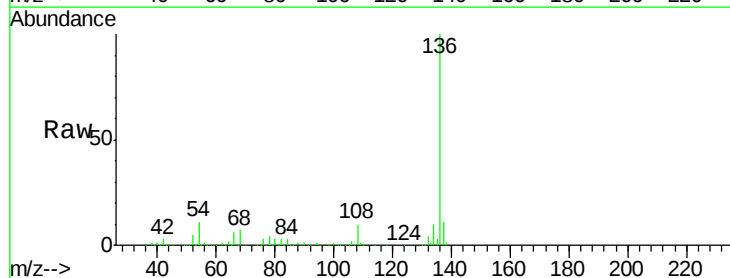
Ion Ratio Lower Upper

136 100

137 11.4 8.3 12.5

54 10.7 4.8 7.2#

68 7.0 3.7 5.5#

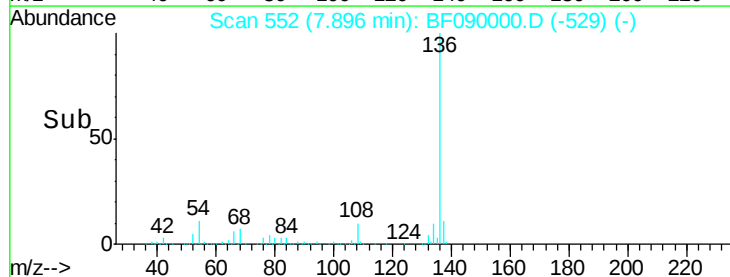
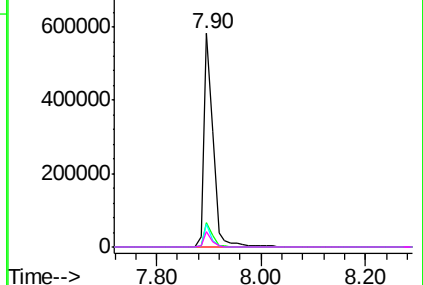


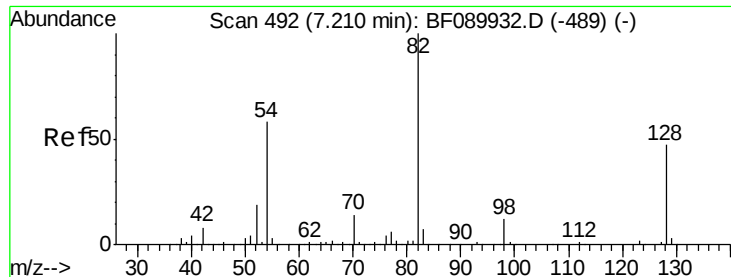
Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.16 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF090000.D

Acq: 7 Sep 2016 12:59

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-6

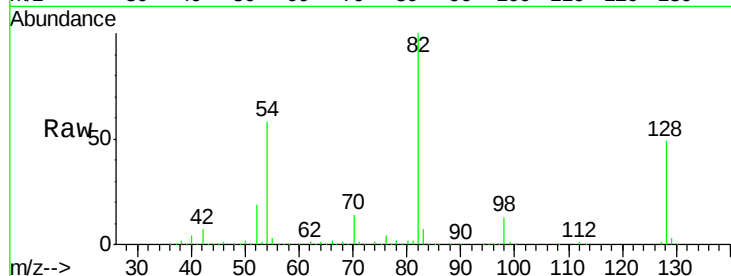
Tgt Ion: 82 Resp: 1210842

Ion Ratio Lower Upper

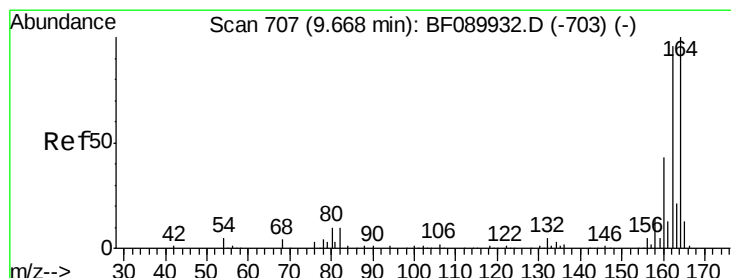
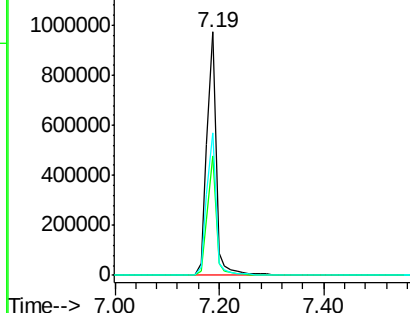
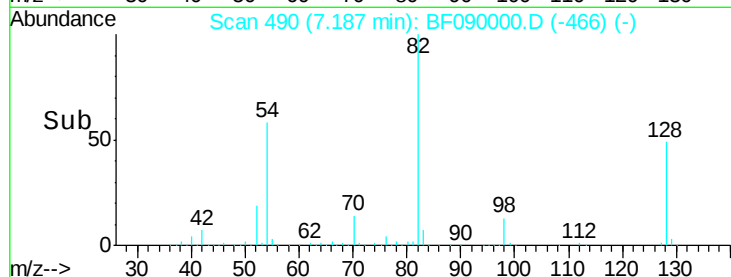
82 100

128 48.9 37.8 56.8

54 58.4 46.9 70.3



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: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF090000.D

Acq: 7 Sep 2016 12:59

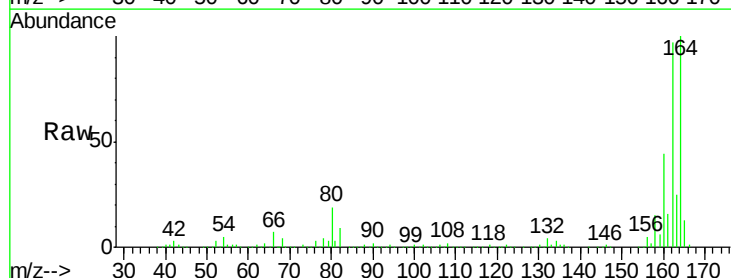
Tgt Ion: 164 Resp: 380748

Ion Ratio Lower Upper

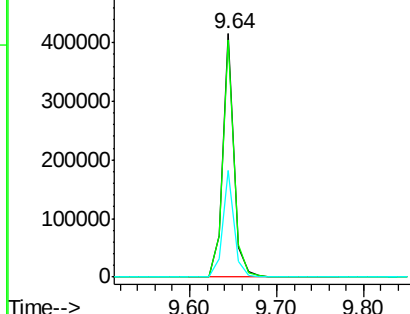
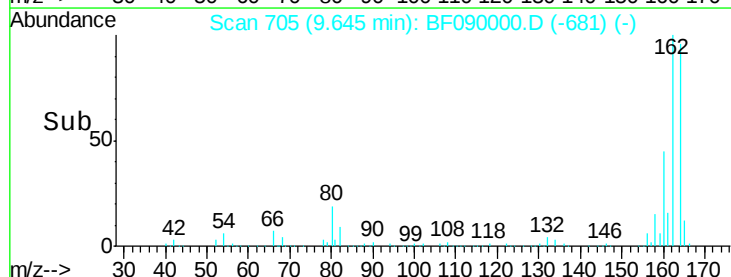
164 100

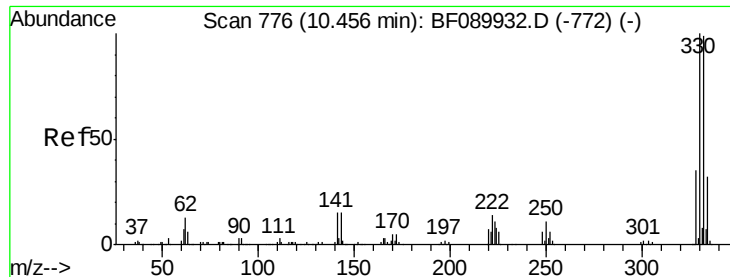
162 97.4 77.1 115.7

160 43.7 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

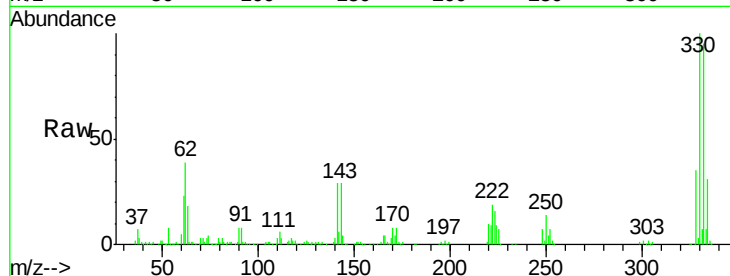




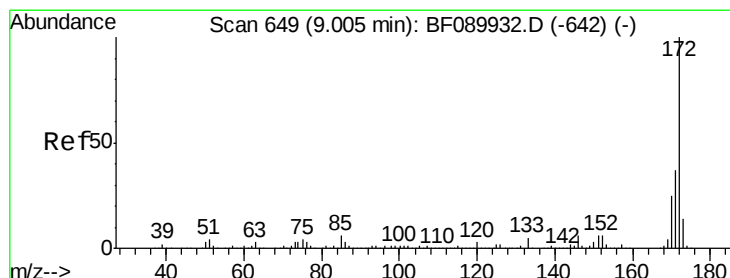
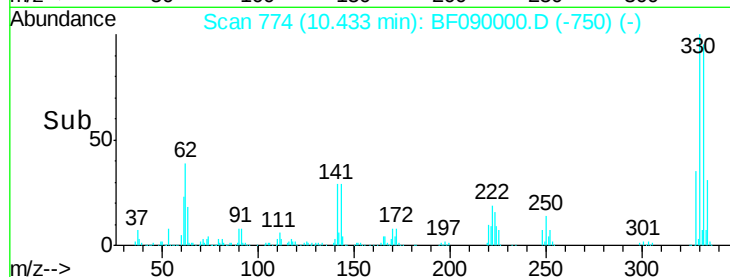
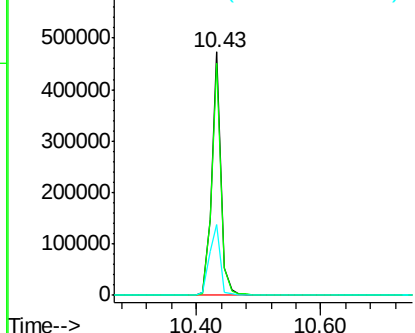
#41
 2,4,6-Tribromophenol
 Concen: 128.04 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF090000.D
 Acq: 7 Sep 2016 12:59

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-6

Tgt Ion:330 Resp: 480971
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.6 117.8
 141 34.9 23.3 34.9

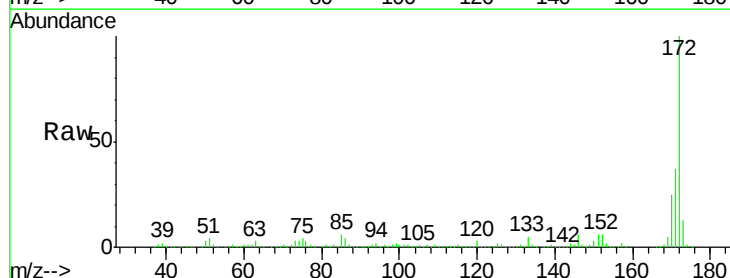


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

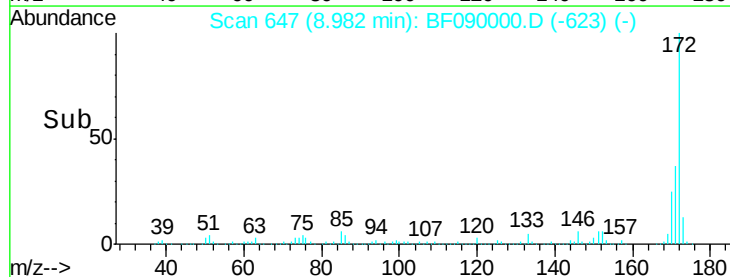
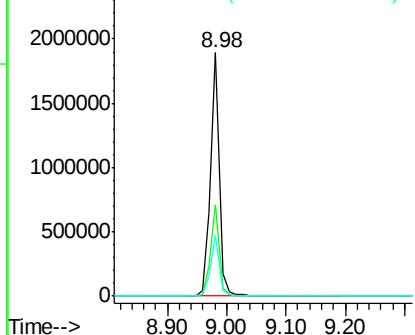


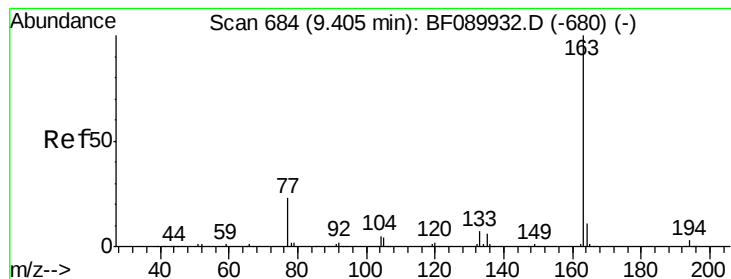
#44
 2-Fluorobiphenyl
 Concen: 84.08 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF090000.D
 Acq: 7 Sep 2016 12:59

Tgt Ion:172 Resp: 1950301
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.4 44.2
 170 24.9 20.1 30.1



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: 19.53 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF090000.D

Acq: 7 Sep 2016 12:59

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-6

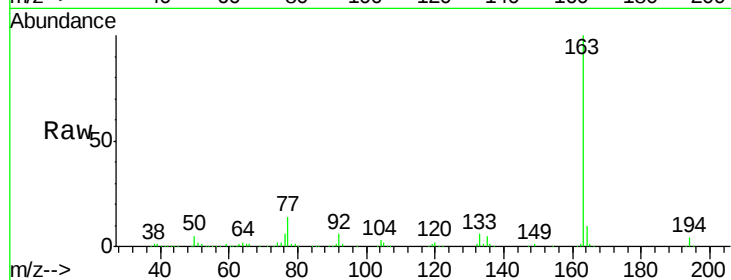
Tgt Ion:163 Resp: 537343

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

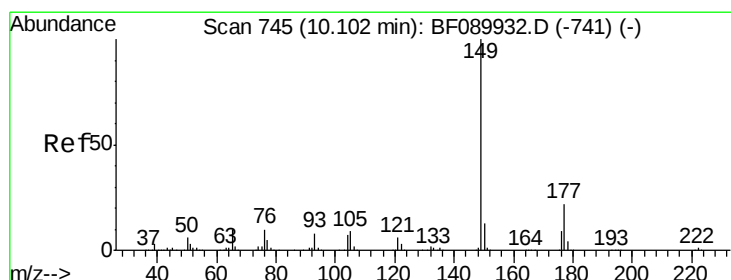
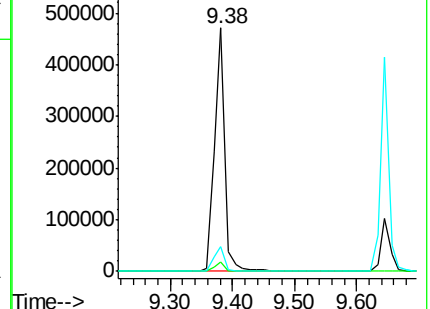
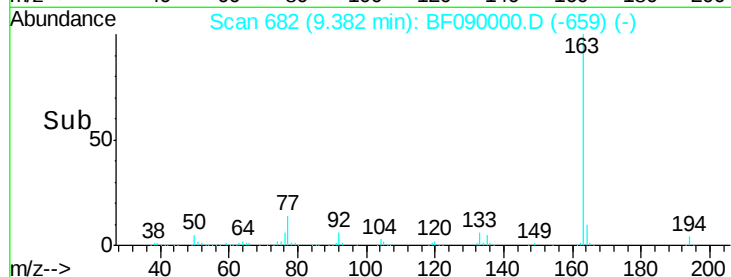
164 10.2 9.0 13.4



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



#59

Diethylphthalate

Concen: 2.34 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.03 min

Lab File: BF090000.D

Acq: 7 Sep 2016 12:59

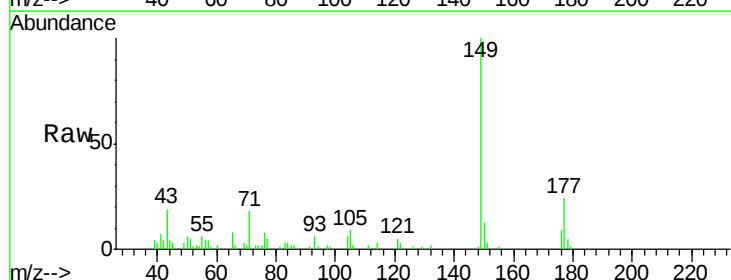
Tgt Ion:149 Resp: 60638

Ion Ratio Lower Upper

149 100

177 24.1 17.7 26.5

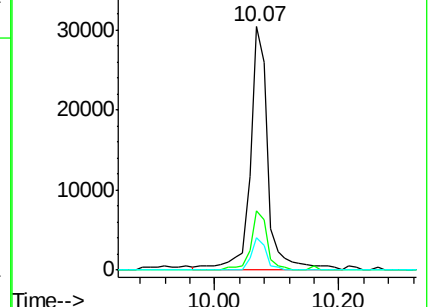
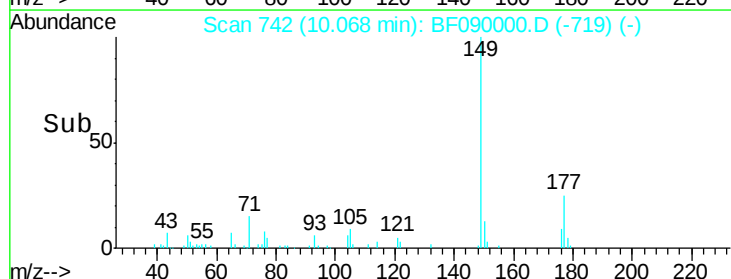
150 13.1 10.2 15.2

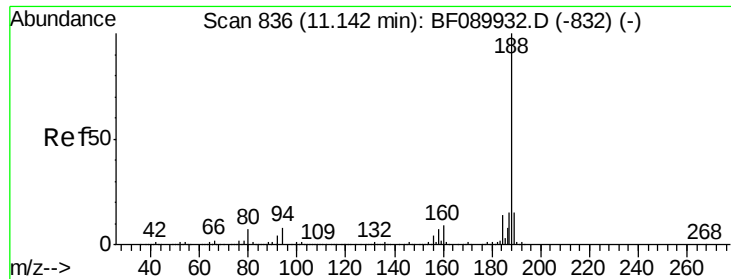


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

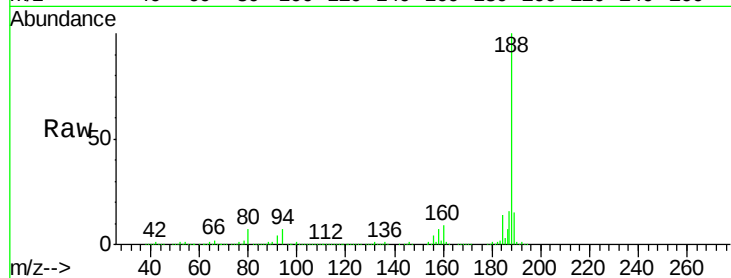




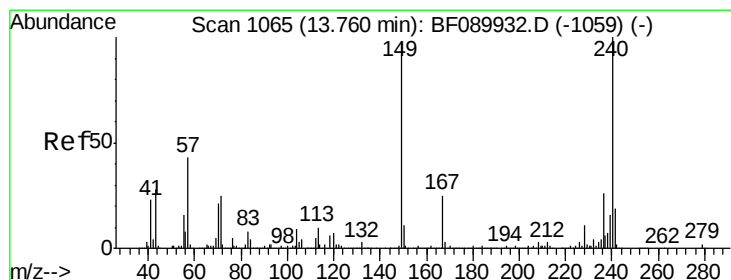
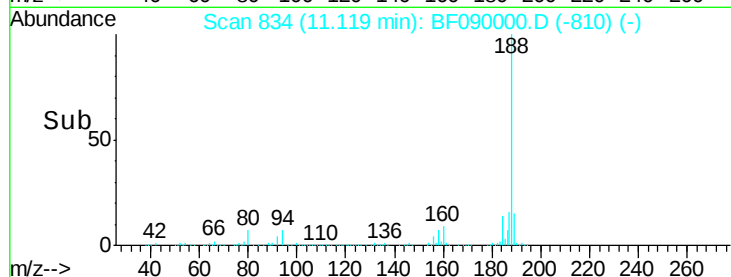
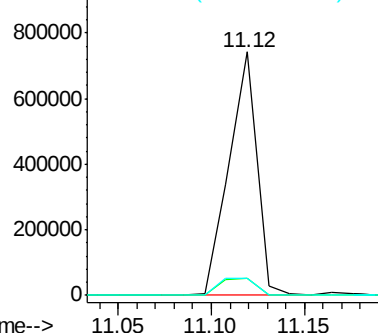
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF090000.D
Acq: 7 Sep 2016 12:59

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-6

Tgt Ion:188 Resp: 766468
Ion Ratio Lower Upper
188 100
94 6.9 5.9 8.9
80 6.9 5.8 8.8

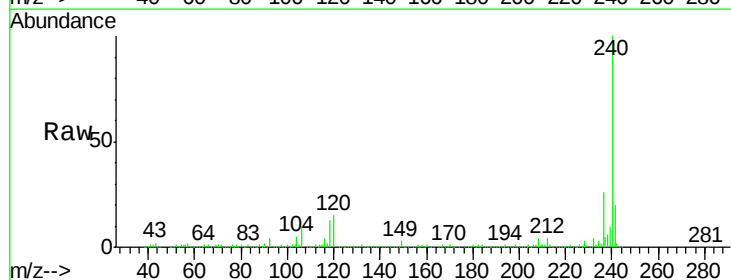


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

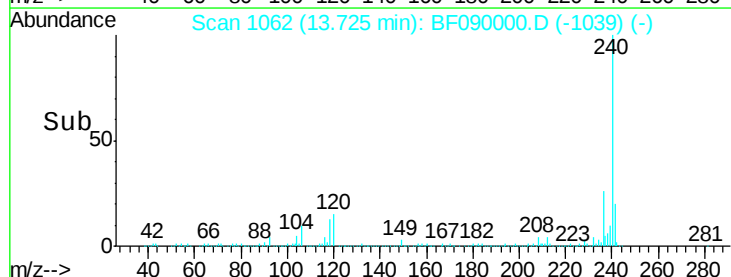
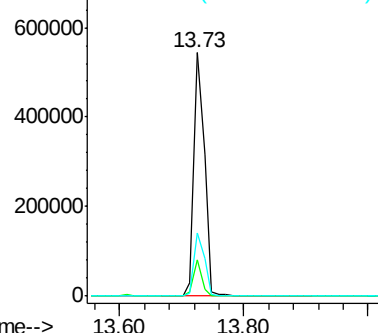


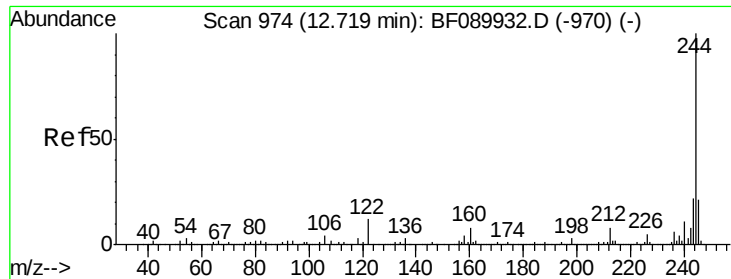
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.03 min
Lab File: BF090000.D
Acq: 7 Sep 2016 12:59

Tgt Ion:240 Resp: 628582
Ion Ratio Lower Upper
240 100
120 14.8 5.7 8.5#
236 26.1 21.3 31.9



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

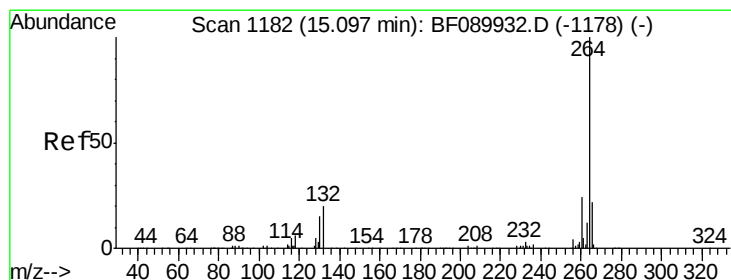
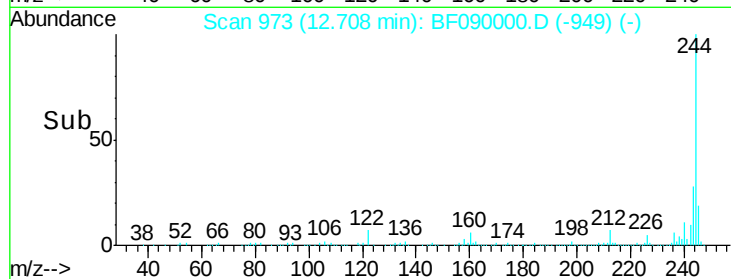
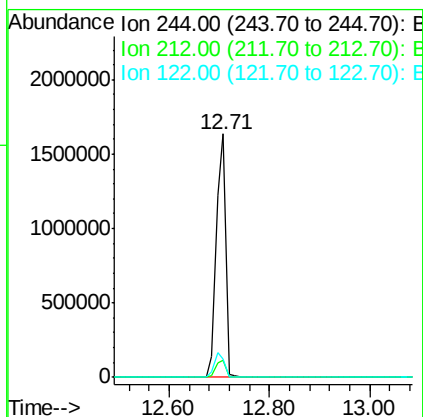
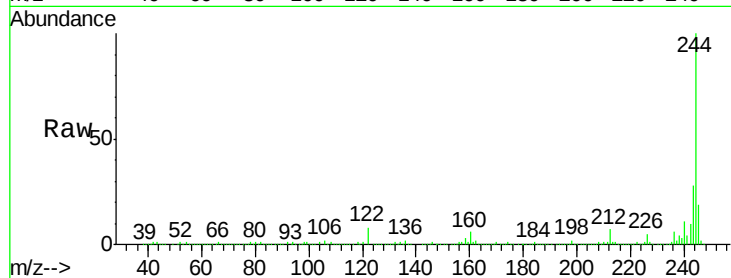




#78
 Terphenyl-d14
 Concen: 83.07 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF090000.D
 Acq: 7 Sep 2016 12:59

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-6

Tgt Ion:244 Resp: 2113743
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 7.6 9.6 14.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF090000.D
 Acq: 7 Sep 2016 12:59

Tgt Ion:264 Resp: 499709
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 20.9 17.4 26.2

