

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
 Data File : BF089610.D
 Acq On : 5 Aug 2016 3:34
 Operator : UM/SJ
 Sample : H4348-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Aug 05 05:40:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

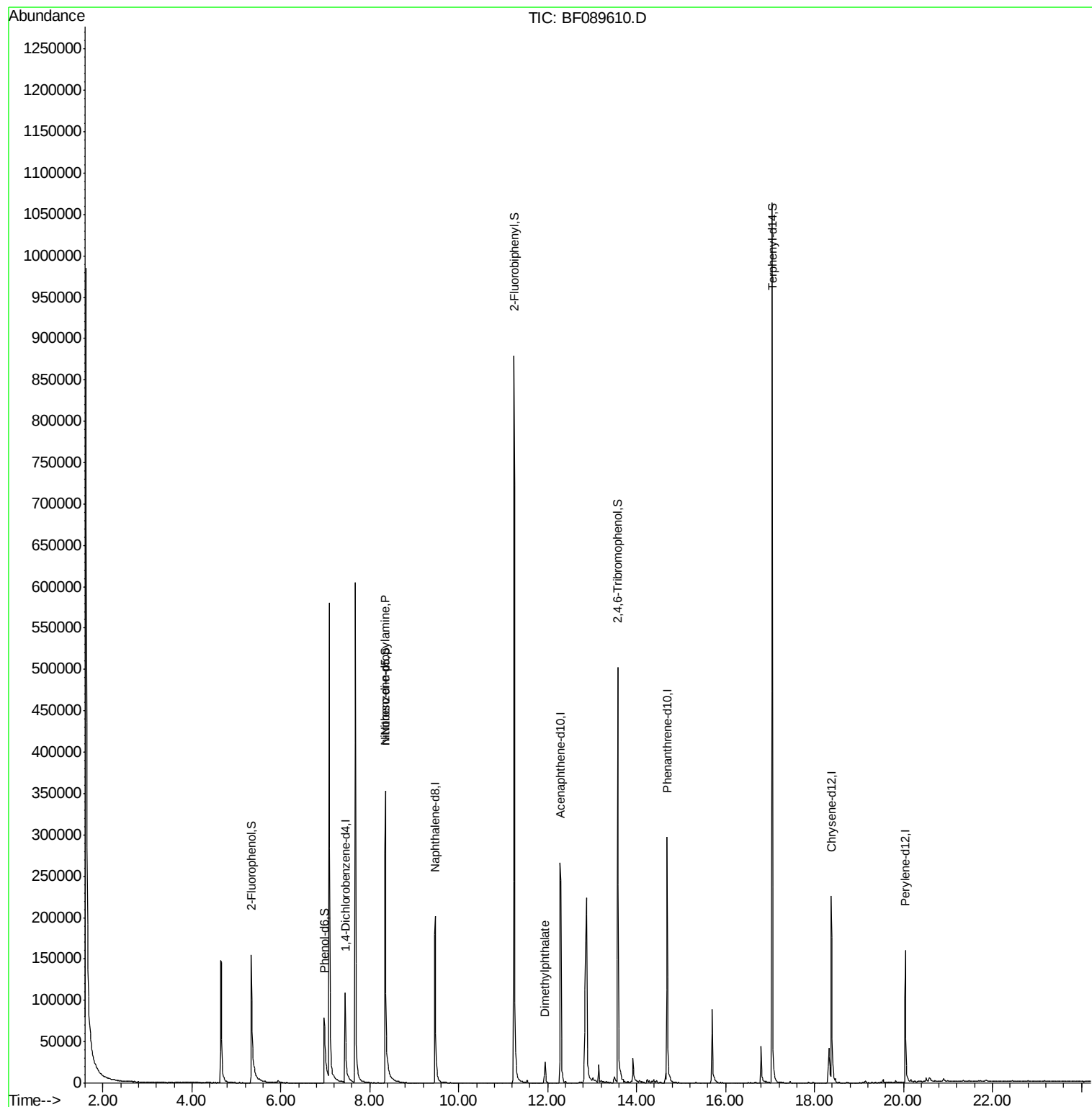
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	44811	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	192800	20.00	ng	0.00
38) Acenaphthene-d10	12.28	164	93560	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	185458	20.00	ng	-0.01
75) Chrysene-d12	18.38	240	131918	20.00	ng	-0.01
86) Perylene-d12	20.05	264	93982	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	112439	42.06	ng	0.02
7) Phenol-d6	6.97	99	99861	27.53	ng	-0.01
23) Nitrobenzene-d5	8.35	82	254573	73.03	ng	-0.01
41) 2,4,6-Tribromophenol	13.58	330	76441	99.00	ng	-0.01
44) 2-Fluorobiphenyl	11.24	172	502313	69.78	ng	-0.01
78) Terphenyl-d14	17.05	244	418466	62.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.35	70	30032	11.46	ng	Qvalue # 78
49) Dimethylphthalate	11.94	163	19358	2.64	ng	98

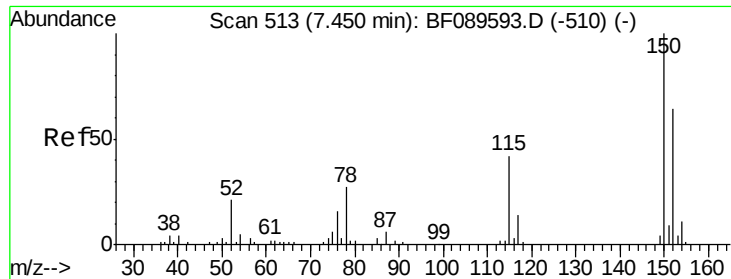
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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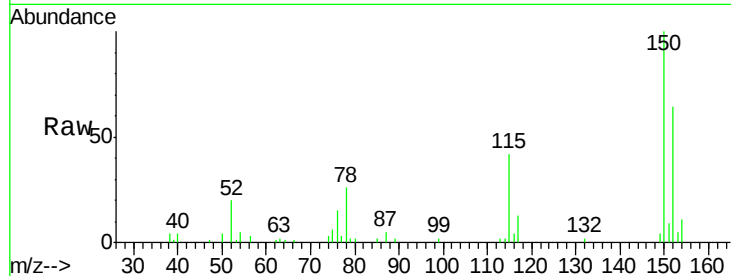




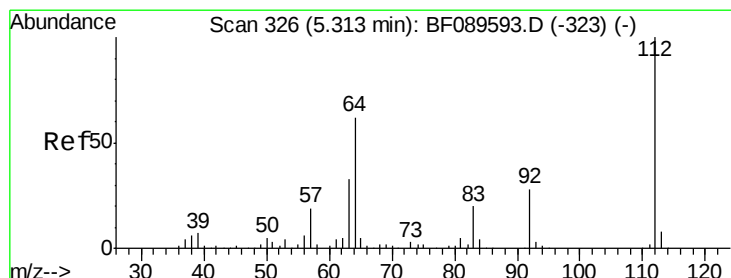
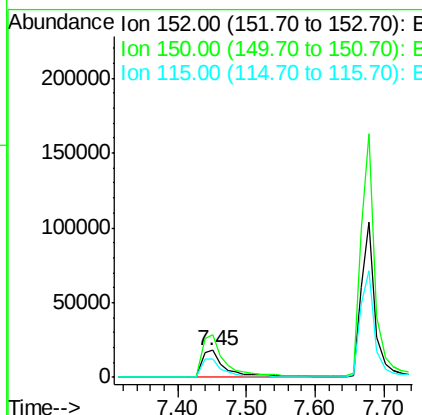
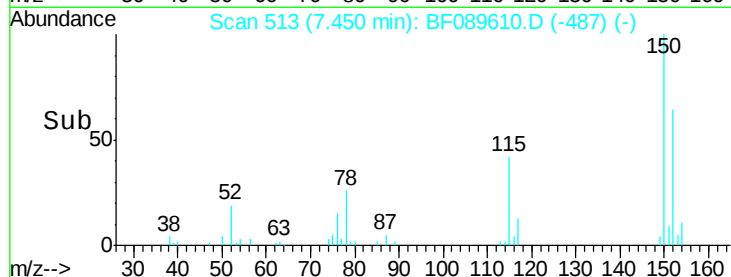
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.45 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF089610.D
 Acq: 5 Aug 2016 3:34

Instrument :
 BNA_F
 ClientSampled :
 MW-3

Tgt Ion:152 Resp: 44811
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.5 188.3
 115 65.2 52.0 78.0

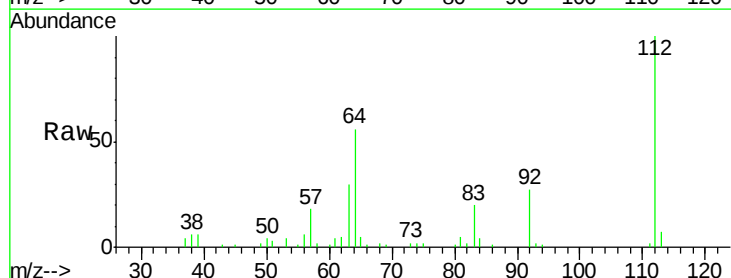


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

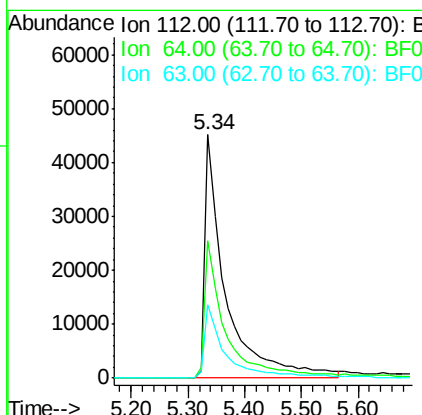
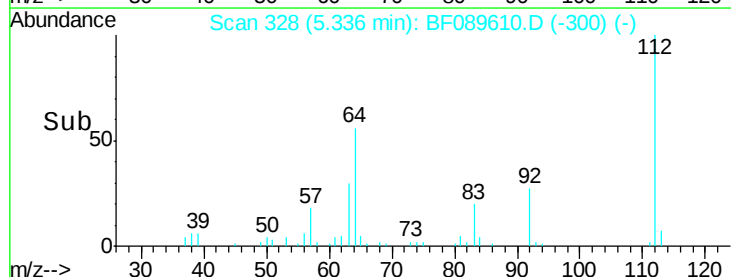


#5
 2-Fluorophenol
 Concen: 42.06 ng
 RT: 5.34 min Scan# 328
 Delta R.T. 0.02 min
 Lab File: BF089610.D
 Acq: 5 Aug 2016 3:34

Tgt Ion:112 Resp: 112439
 Ion Ratio Lower Upper
 112 100
 64 56.4 49.9 74.9
 63 30.3 26.1 39.1



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: 27.53 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089610.D

Acq: 5 Aug 2016 3:34

Instrument :

BNA_F

ClientSampleId :

MW-3

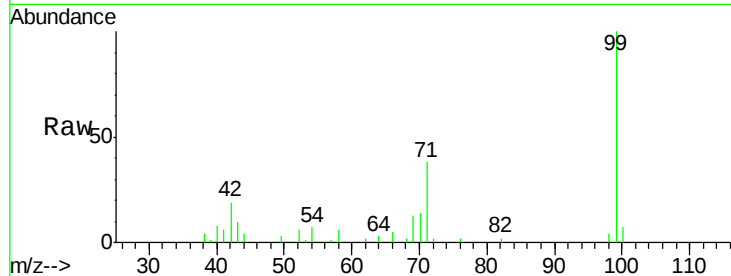
Tgt Ion: 99 Resp: 99861

Ion Ratio Lower Upper

99 100

42 19.1 13.7 20.5

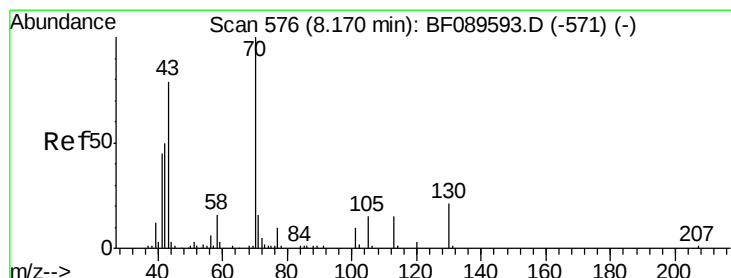
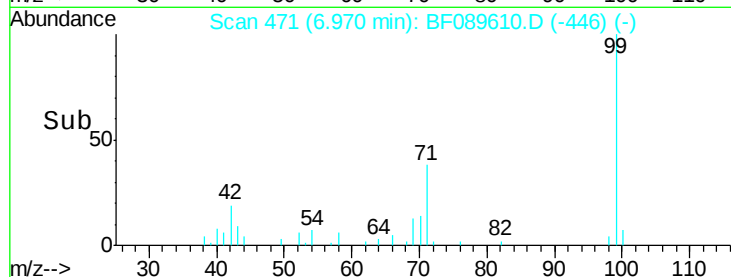
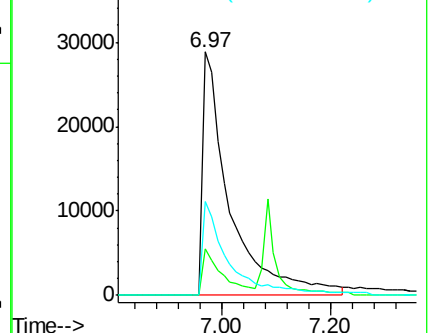
71 38.4 29.0 43.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.46 ng

RT: 8.35 min Scan# 592

Delta R.T. 0.18 min

Lab File: BF089610.D

Acq: 5 Aug 2016 3:34

Tgt Ion: 70 Resp: 30032

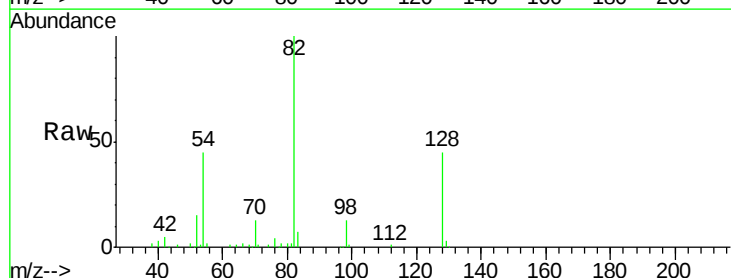
Ion Ratio Lower Upper

70 100

42 40.8 40.2 60.2

101 0.0 7.8 11.6#

130 2.3 16.4 24.6#

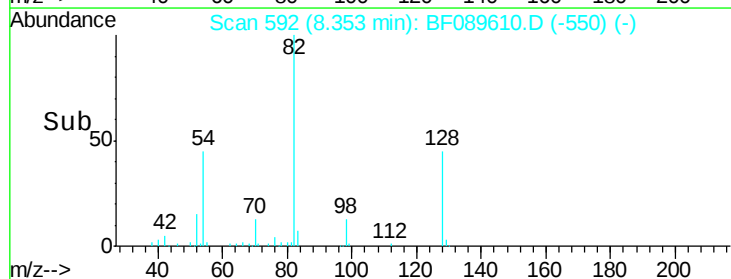
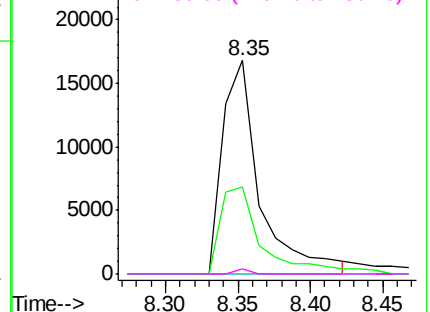


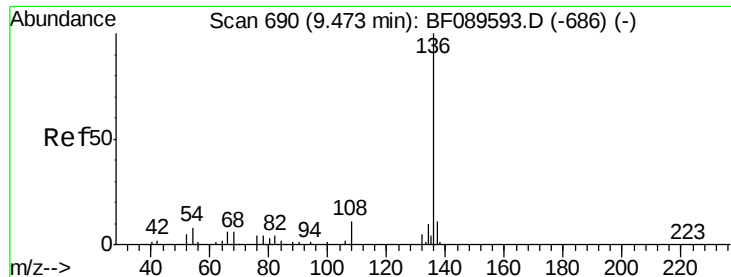
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089610.D

Acq: 5 Aug 2016 3:34

Instrument :

BNA_F

ClientSampleId :

MW-3

Tgt Ion:136 Resp: 192800

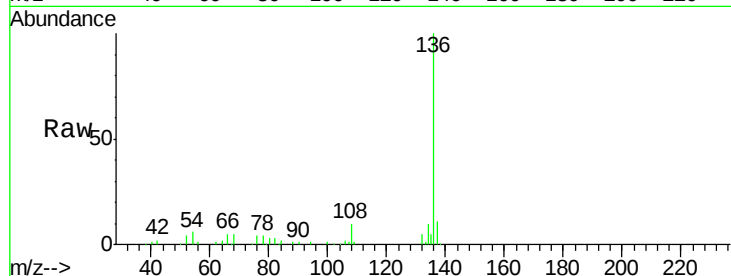
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 6.3 6.0 9.0

68 5.1 4.6 6.8

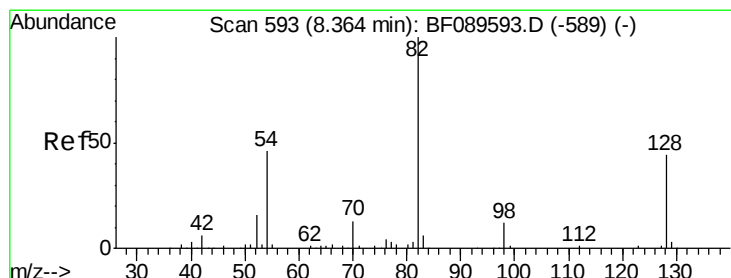
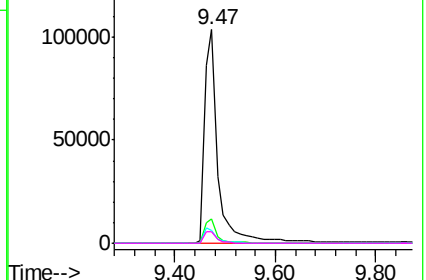
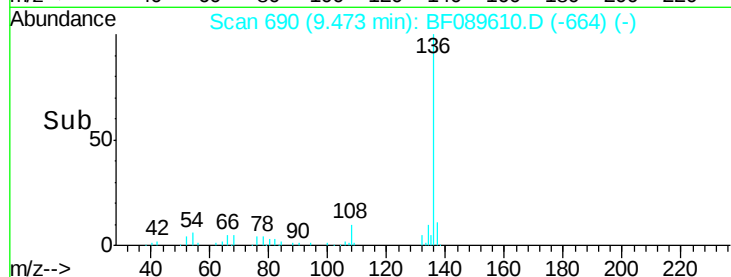


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.03 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF089610.D

Acq: 5 Aug 2016 3:34

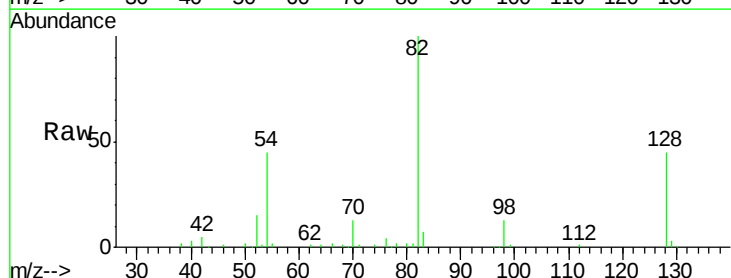
Tgt Ion: 82 Resp: 254573

Ion Ratio Lower Upper

82 100

128 45.1 35.4 53.0

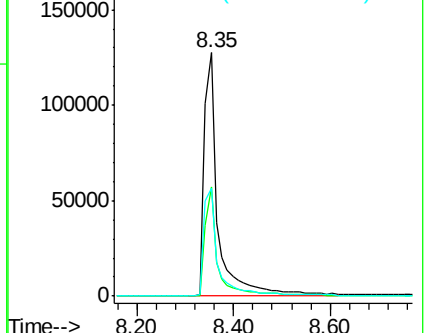
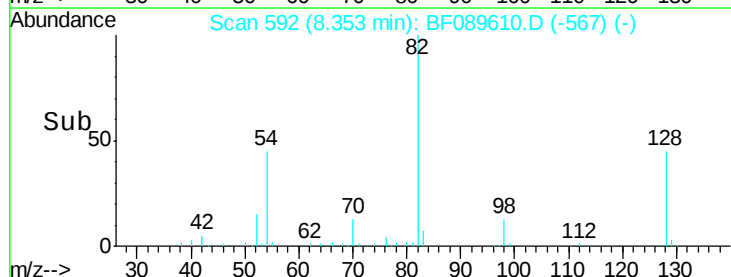
54 44.5 36.4 54.6

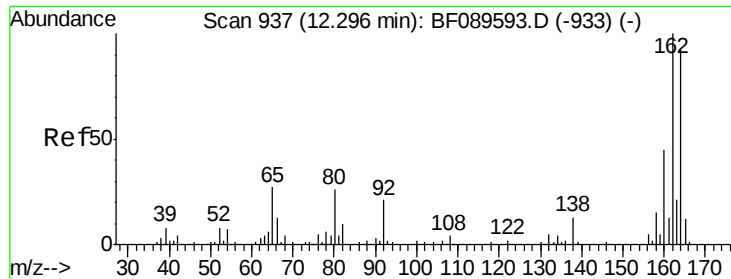


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

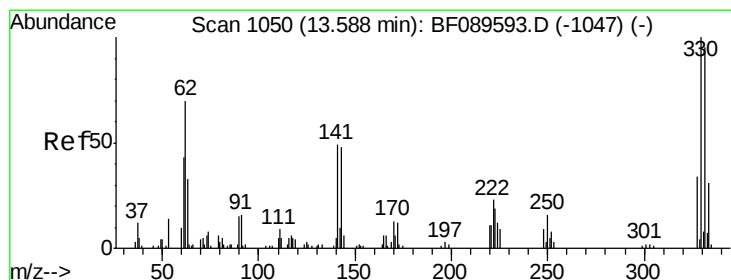
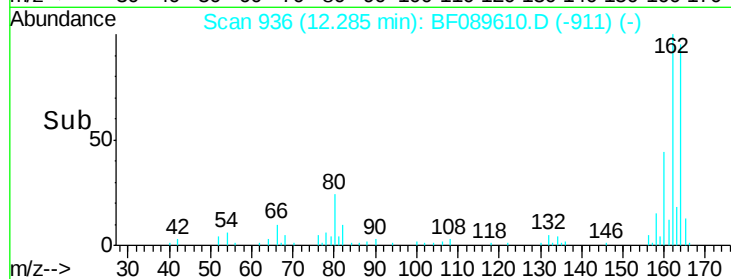
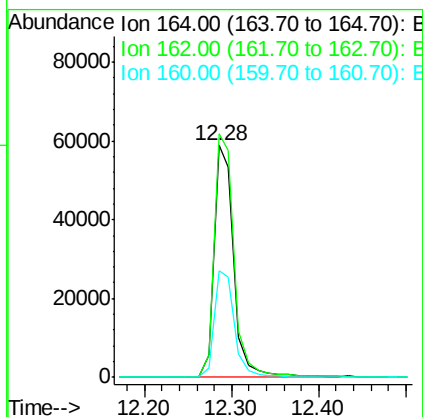
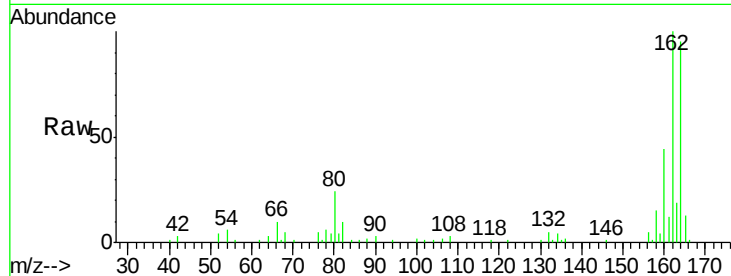




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.28 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF089610.D
 Acq: 5 Aug 2016 3:34

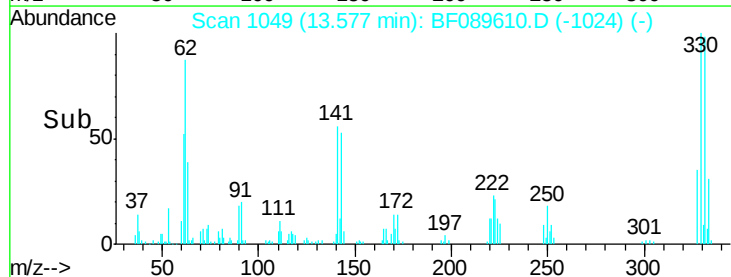
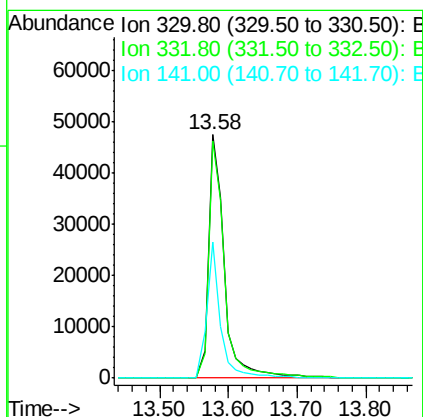
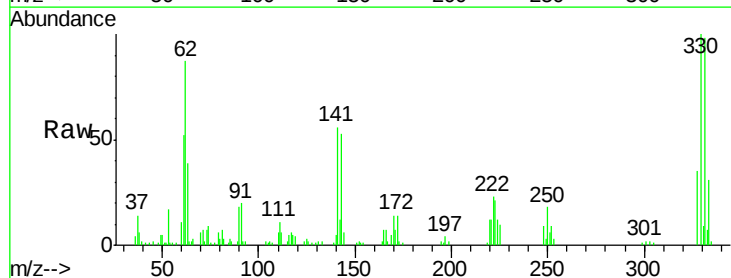
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

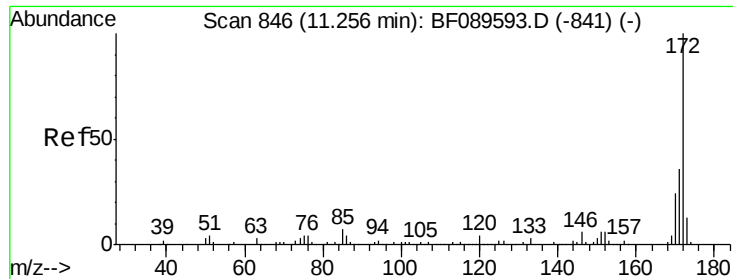
Tgt Ion:164 Resp: 93560
 Ion Ratio Lower Upper
 164 100
 162 105.0 85.7 128.5
 160 45.8 38.2 57.4



#41
 2,4,6-Tribromophenol
 Concen: 99.00 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF089610.D
 Acq: 5 Aug 2016 3:34

Tgt Ion:330 Resp: 76441
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 49.0 38.6 57.8

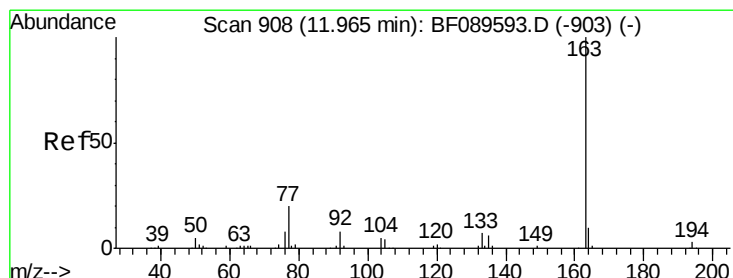
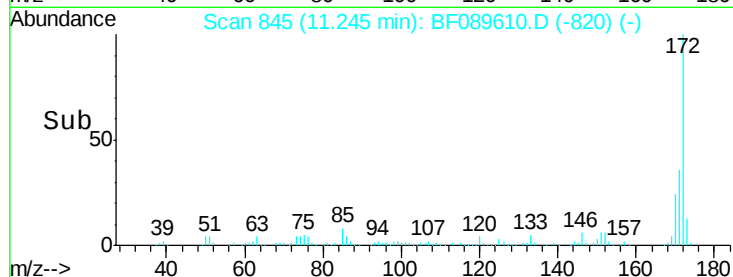
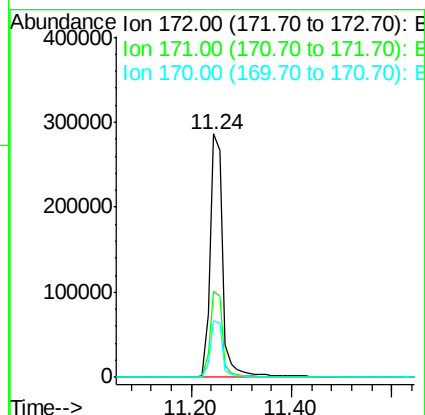
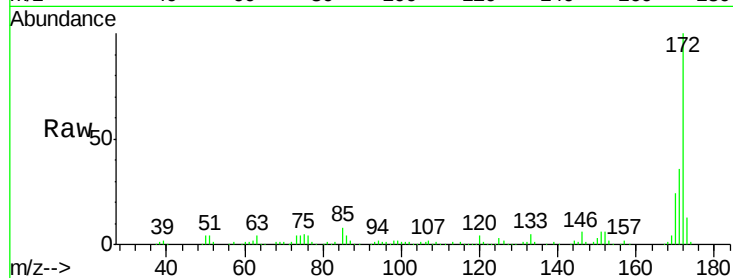




#44
2-Fluorobiphenyl
Concen: 69.78 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF089610.D
Acq: 5 Aug 2016 3:34

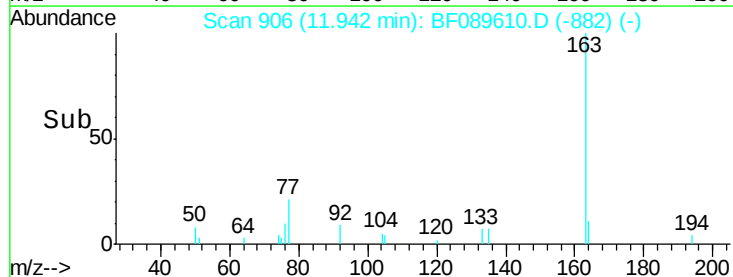
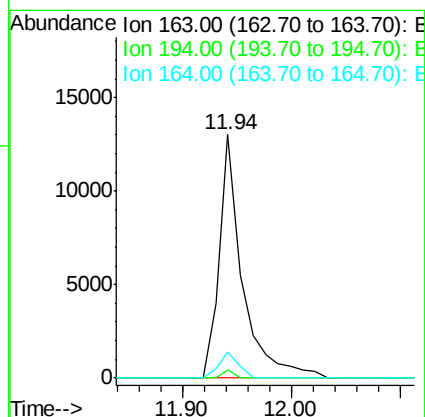
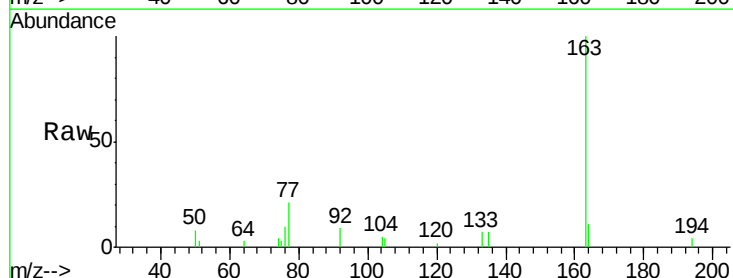
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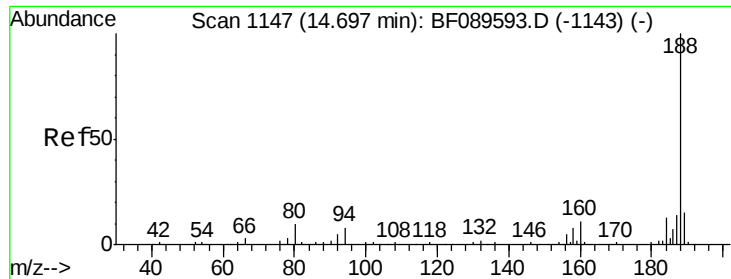
Tgt Ion:172 Resp: 502313
Ion Ratio Lower Upper
172 100
171 35.5 28.9 43.3
170 23.5 19.0 28.6



#49
Dimethylphthalate
Concen: 2.64 ng
RT: 11.94 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF089610.D
Acq: 5 Aug 2016 3:34

Tgt Ion:163 Resp: 19358
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.6 7.8 11.6

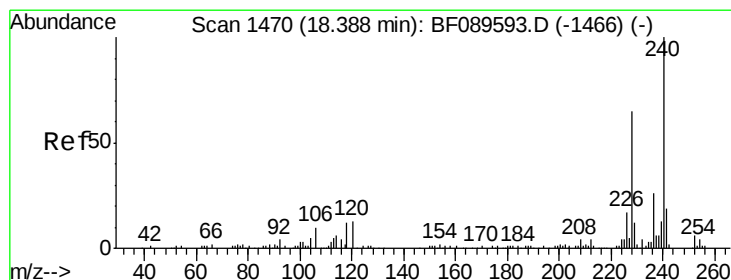
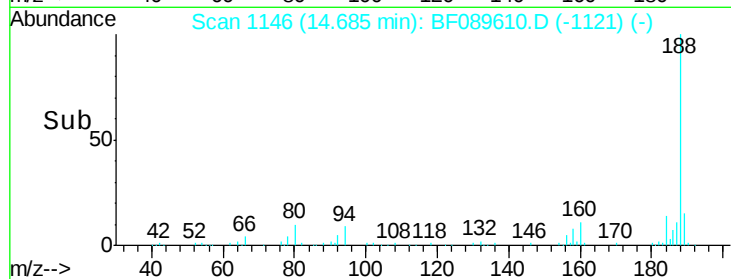
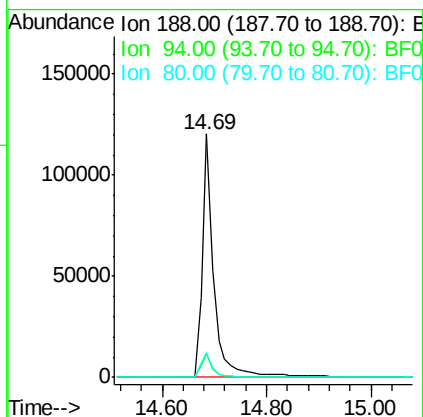
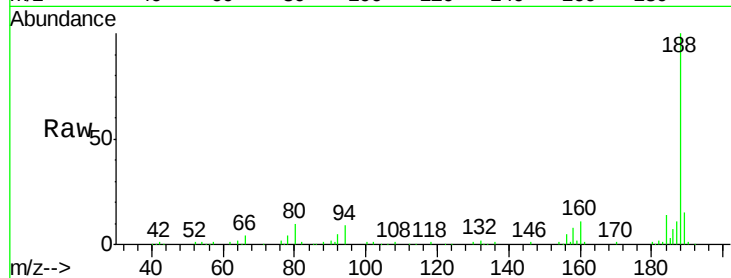




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089610.D
Acq: 5 Aug 2016 3:34

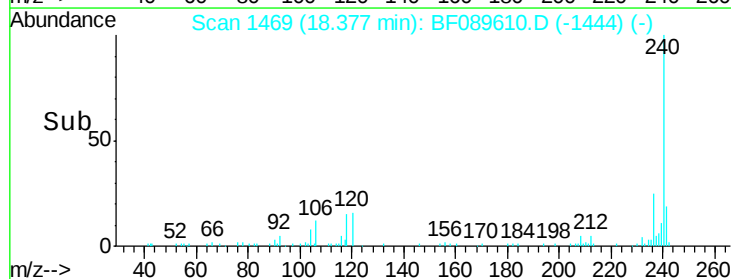
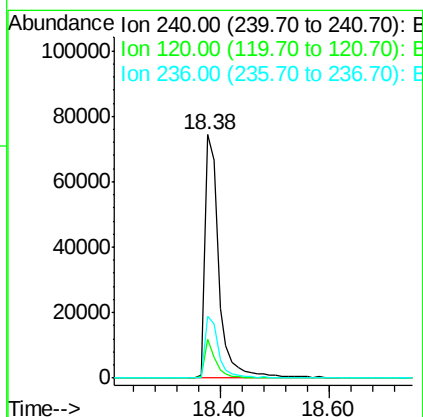
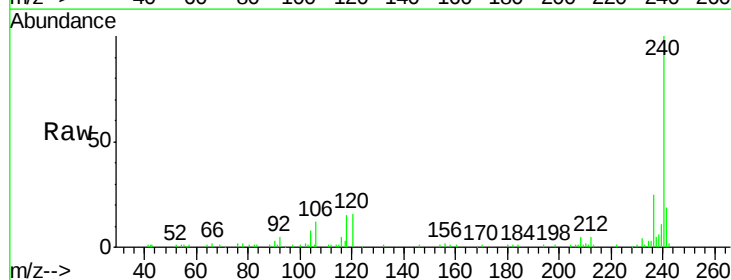
Instrument :
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MW-3

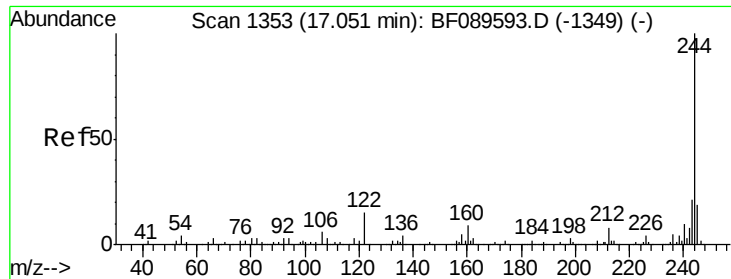
Tgt Ion:188 Resp: 185458
Ion Ratio Lower Upper
188 100
94 9.4 6.5 9.7
80 10.2 8.0 12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.38 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF089610.D
Acq: 5 Aug 2016 3:34

Tgt Ion:240 Resp: 131918
Ion Ratio Lower Upper
240 100
120 16.0 10.6 15.8#
236 25.1 20.6 30.8

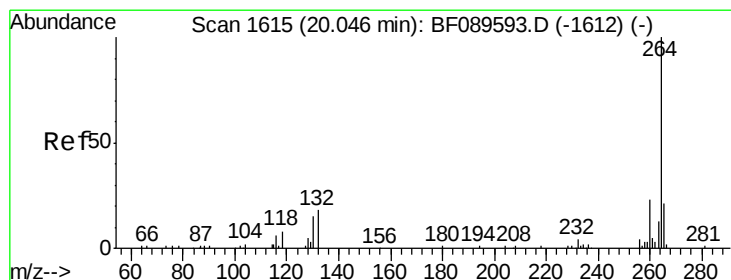
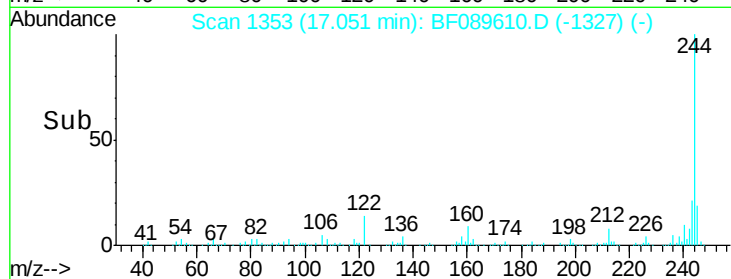
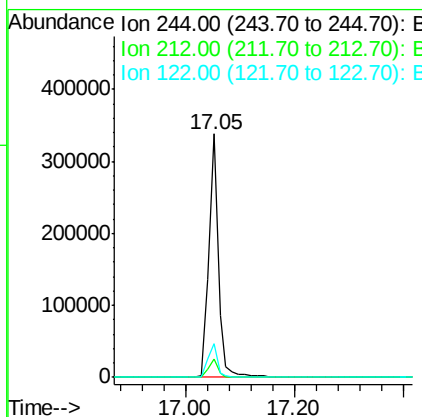
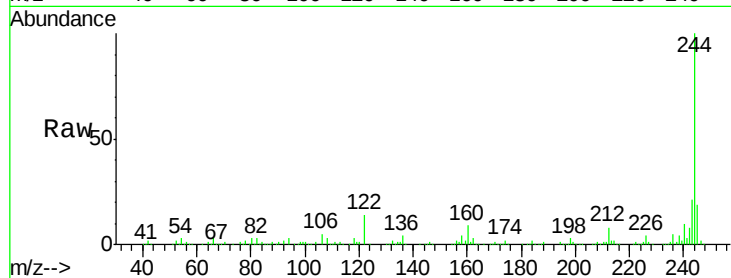




#78
 Terphenyl-d14
 Concen: 62.62 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF089610.D
 Acq: 5 Aug 2016 3:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion:244 Resp: 418466
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 13.7 12.2 18.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.05 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF089610.D
 Acq: 5 Aug 2016 3:34

Tgt Ion:264 Resp: 93982
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 21.6 16.5 24.7

