

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
 Data File : BF090859.D
 Acq On : 26 Oct 2016 23:59
 Operator : UM/SJ
 Sample : PB94264BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94264BL

Quant Time: Oct 27 01:24:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

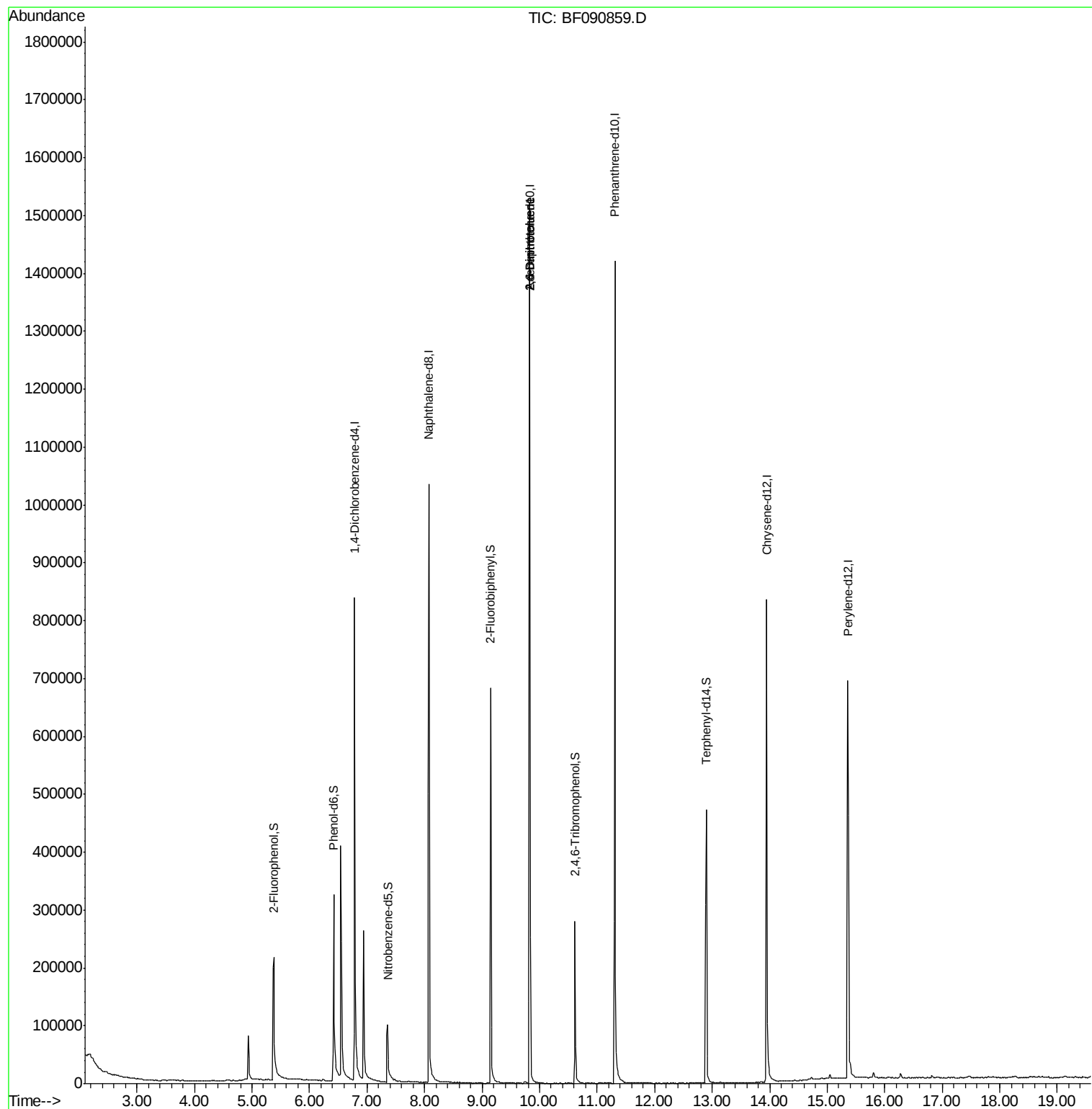
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	145731	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	631421	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	328364	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	563209	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	435433	20.00	ng	-0.01
86) Perylene-d12	15.36	264	336815	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	126472	15.17	ng	-0.01
7) Phenol-d6	6.42	99	186452	16.58	ng	-0.02
23) Nitrobenzene-d5	7.36	82	93073	9.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	36791	10.90	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	231438	12.38	ng	-0.02
78) Terphenyl-d14	12.90	244	211880	12.26	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	9.82	165	42172	8.70	ng	# 37
56) 2,4-Dinitrotoluene	9.82	165	42167	7.01	ng	# 32

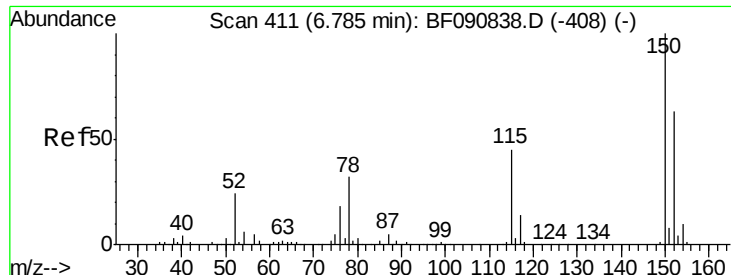
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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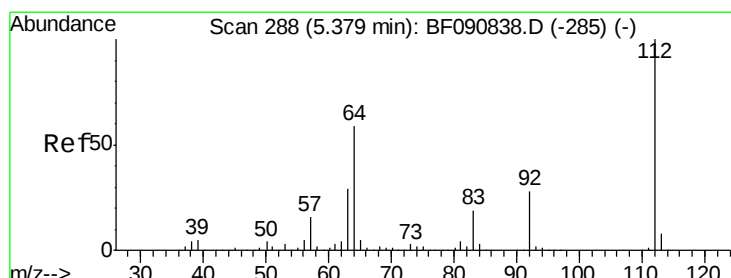
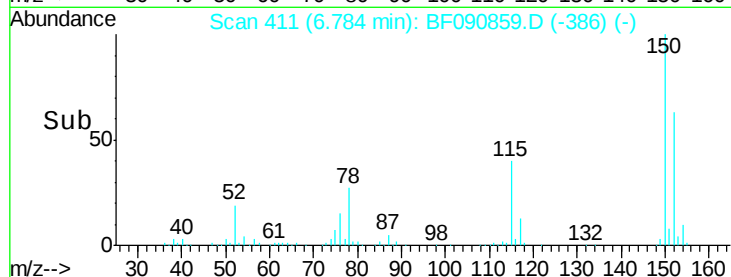
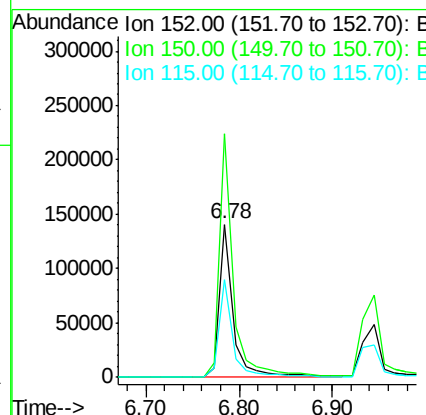
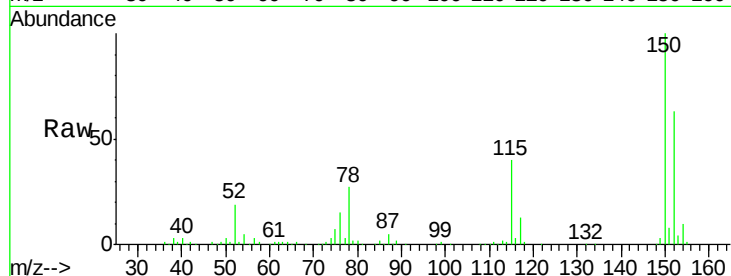




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF090859.D
 Acq: 26 Oct 2016 23:59

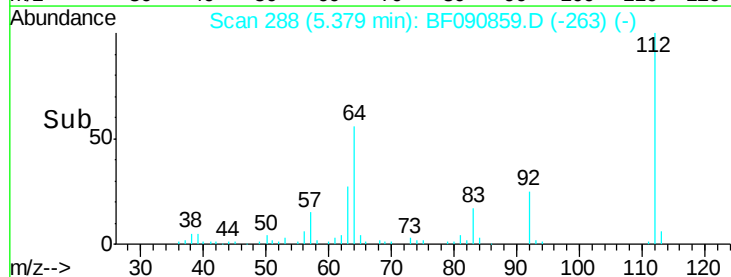
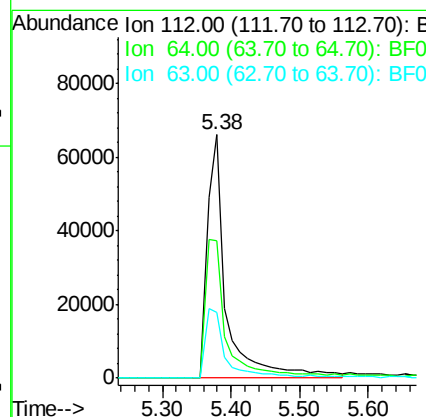
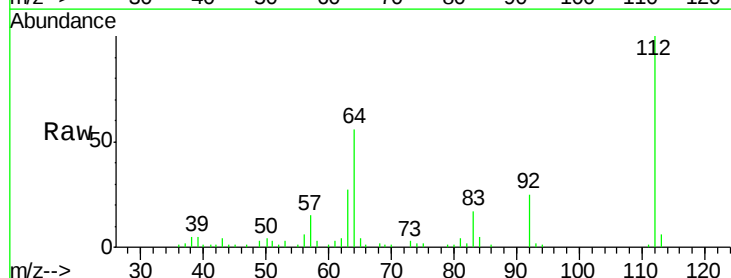
Instrument :
 BNA_F
 ClientSampleId :
 PB94264BL

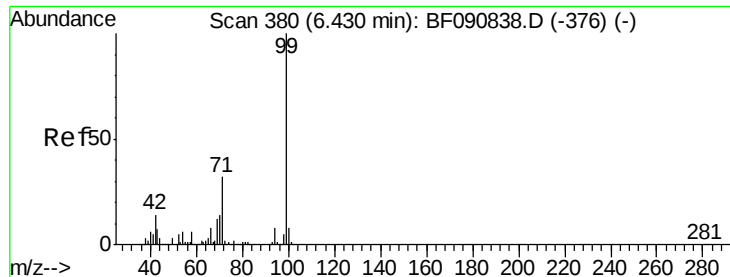
Tgt Ion:152 Resp: 145731
 Ion Ratio Lower Upper
 152 100
 150 158.9 124.7 187.1
 115 64.0 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 15.17 ng
 RT: 5.38 min Scan# 288
 Delta R.T. -0.01 min
 Lab File: BF090859.D
 Acq: 26 Oct 2016 23:59

Tgt Ion:112 Resp: 126472
 Ion Ratio Lower Upper
 112 100
 64 56.4 39.7 59.5
 63 27.1 17.4 26.0#





#7

Phenol-d6

Concen: 16.58 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF090859.D

Acq: 26 Oct 2016 23:59

Instrument :

BNA_F

ClientSampleId :

PB94264BL

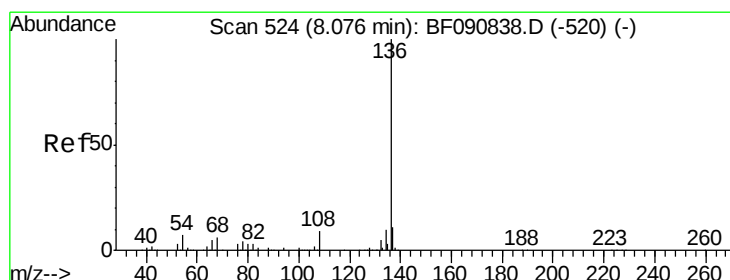
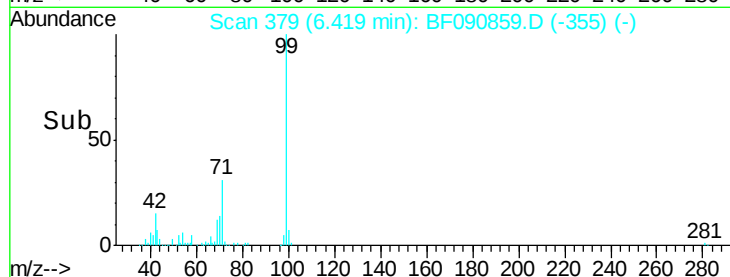
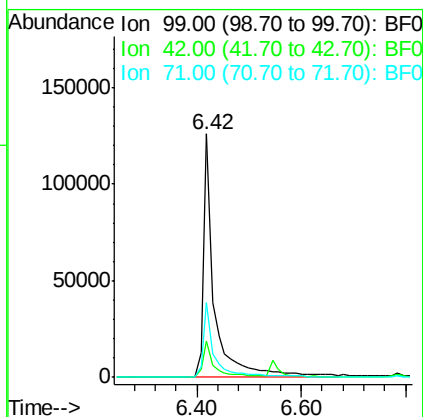
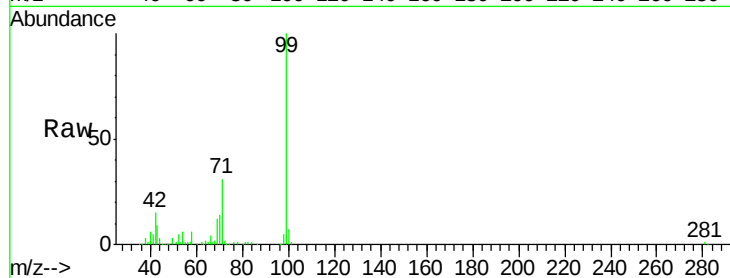
Tgt Ion: 99 Resp: 186452

Ion Ratio Lower Upper

99 100

42 15.0 13.7 20.5

71 30.9 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090859.D

Acq: 26 Oct 2016 23:59

Tgt Ion: 136 Resp: 631421

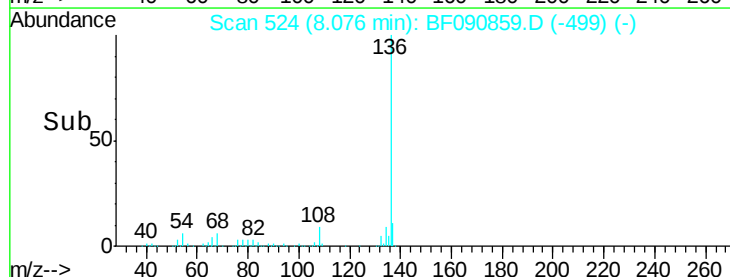
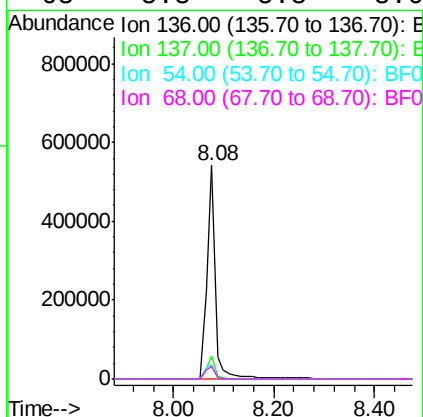
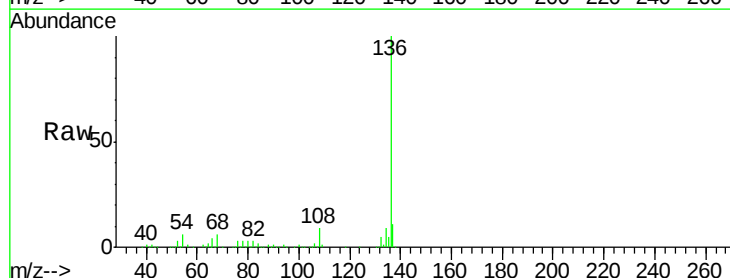
Ion Ratio Lower Upper

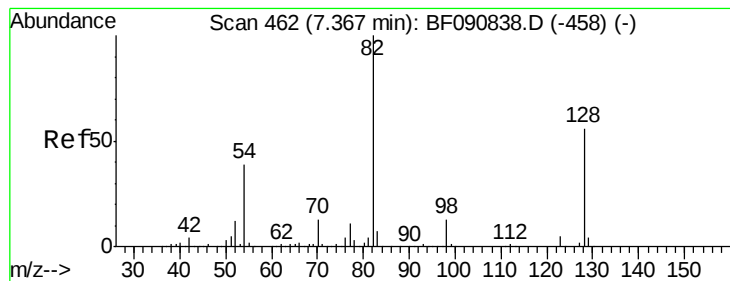
136 100

137 10.9 9.0 13.6

54 6.4 8.2 12.2#

68 5.8 5.8 8.6





#23

Nitrobenzene-d5

Concen: 9.65 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF090859.D

Acq: 26 Oct 2016 23:59

Instrument :

BNA_F

ClientSampleId :

PB94264BL

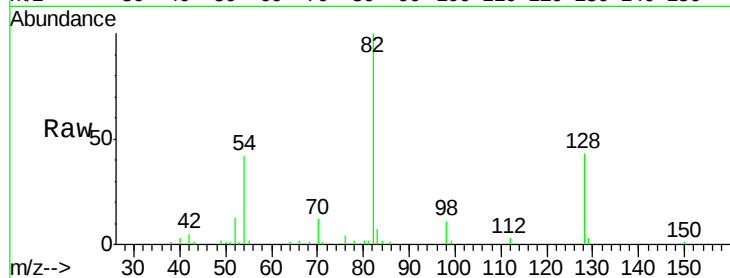
Tgt Ion: 82 Resp: 93073

Ion Ratio Lower Upper

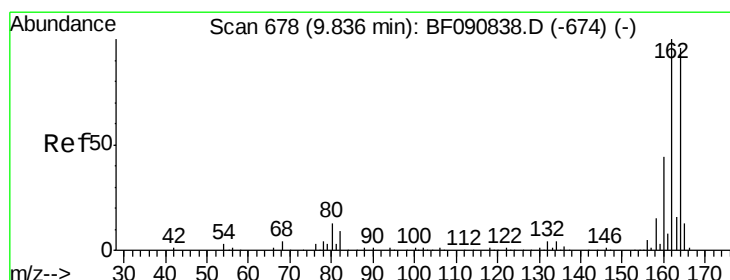
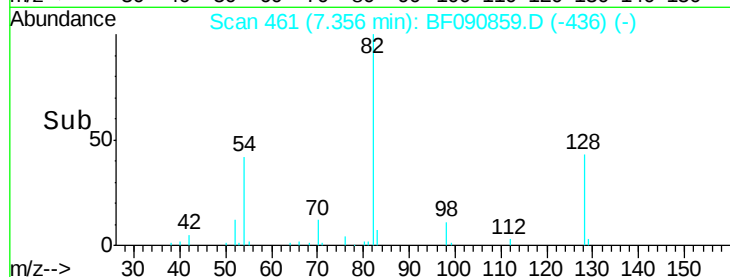
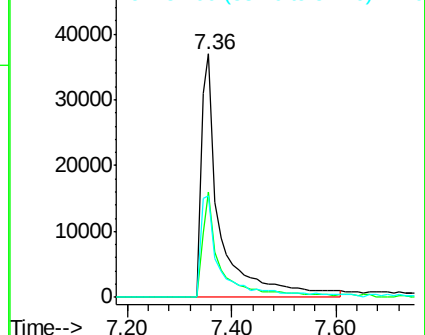
82 100

128 43.2 51.0 76.6#

54 41.8 47.5 71.3#



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: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF090859.D

Acq: 26 Oct 2016 23:59

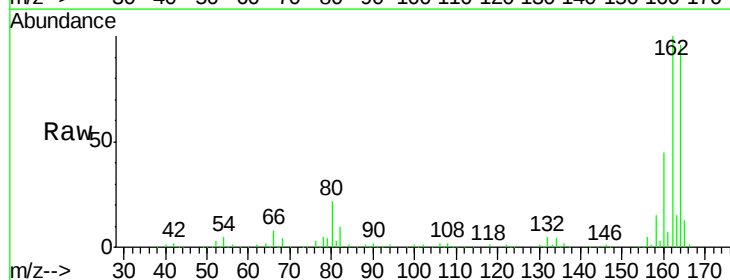
Tgt Ion: 164 Resp: 328364

Ion Ratio Lower Upper

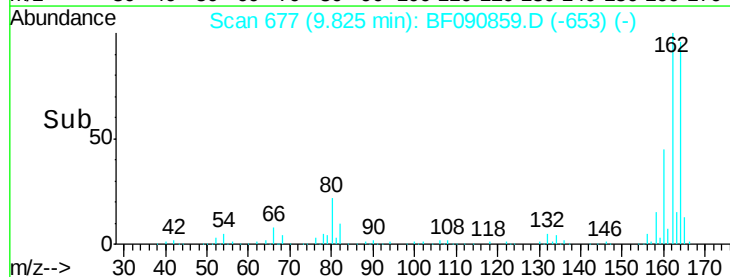
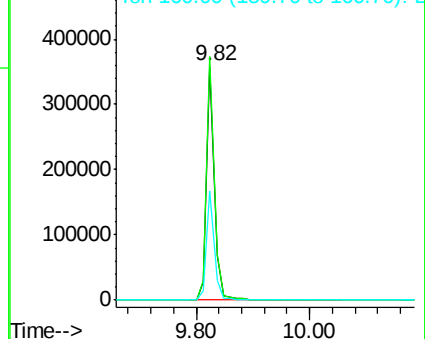
164 100

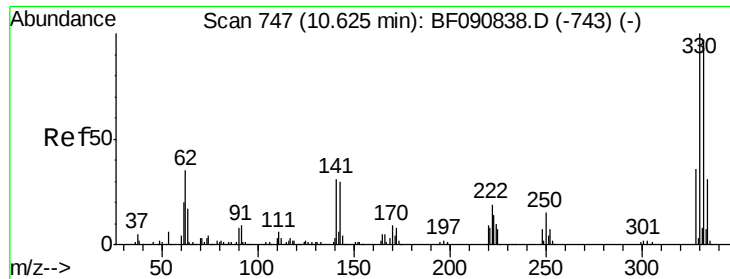
162 104.3 75.2 112.8

160 47.0 31.5 47.3



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

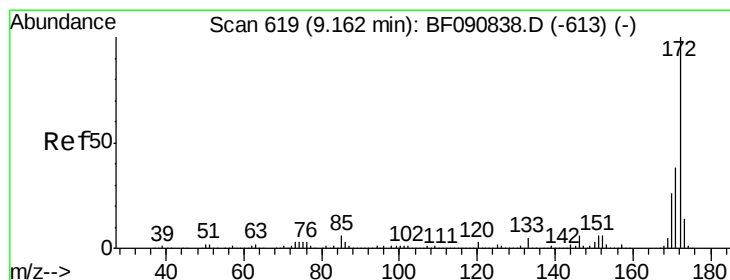
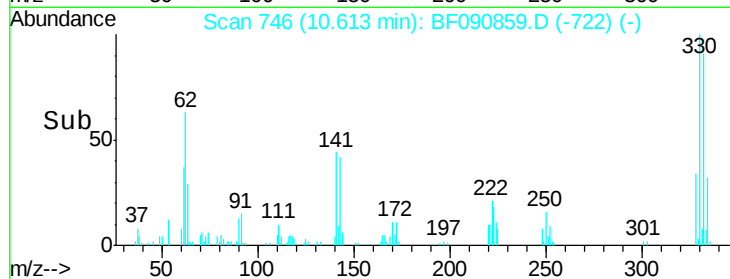
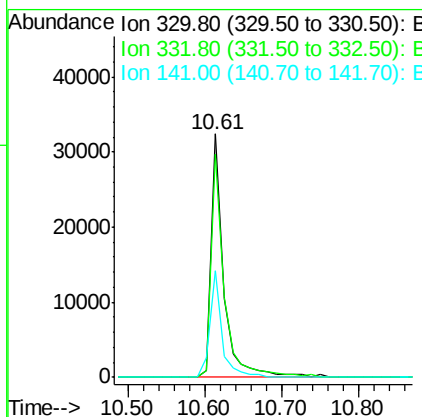
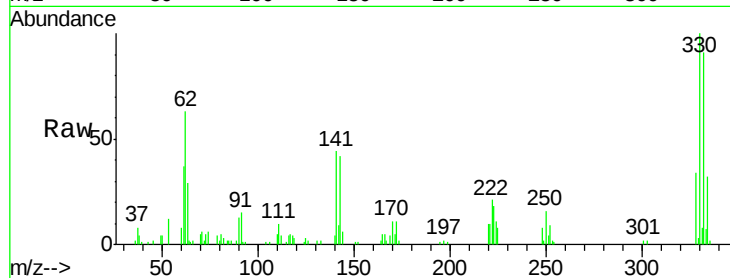




#41
 2,4,6-Tribromophenol
 Concen: 10.90 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF090859.D
 Acq: 26 Oct 2016 23:59

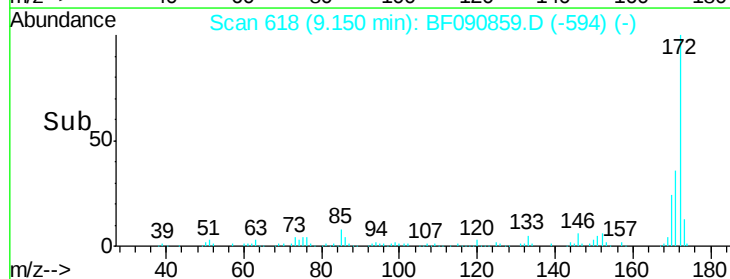
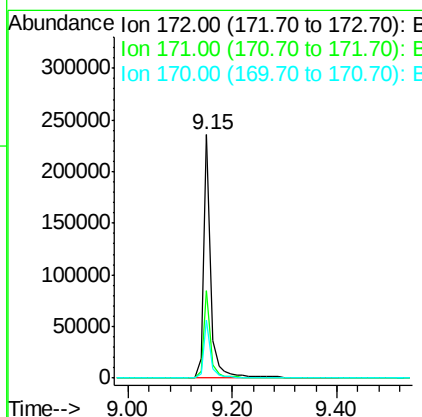
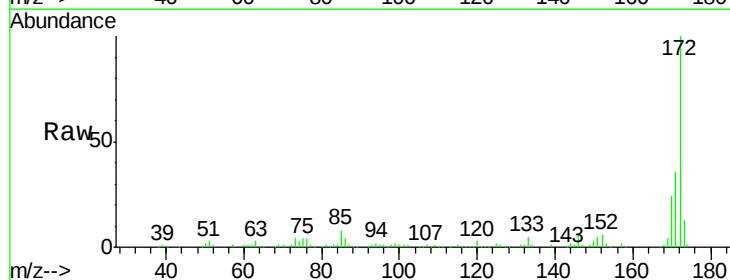
Instrument :
 BNA_F
 ClientSampleId :
 PB94264BL

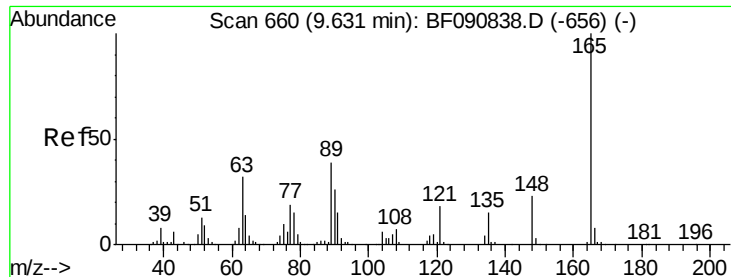
Tgt Ion:330 Resp: 36791
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 42.0 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 12.38 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF090859.D
 Acq: 26 Oct 2016 23:59

Tgt Ion:172 Resp: 231438
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.1 39.1
 170 23.7 17.4 26.2





#50

2,6-Dinitrotoluene

Concen: 8.70 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.19 min

Lab File: BF090859.D

Acq: 26 Oct 2016 23:59

Instrument :

BNA_F

ClientSampleId :

PB94264BL

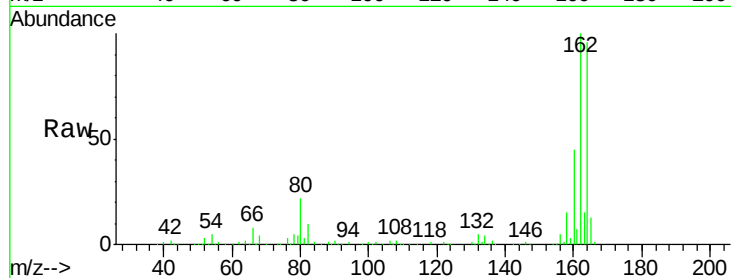
Tgt Ion:165 Resp: 42172

Ion Ratio Lower Upper

165 100

63 0.0 32.3 48.5#

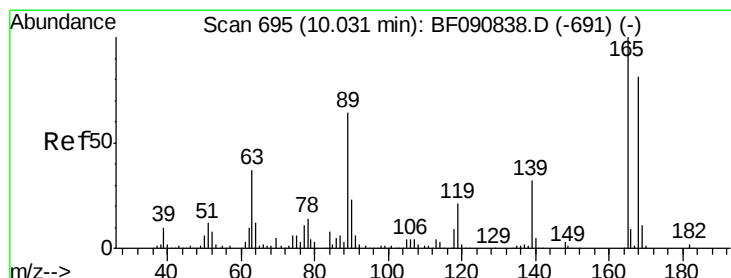
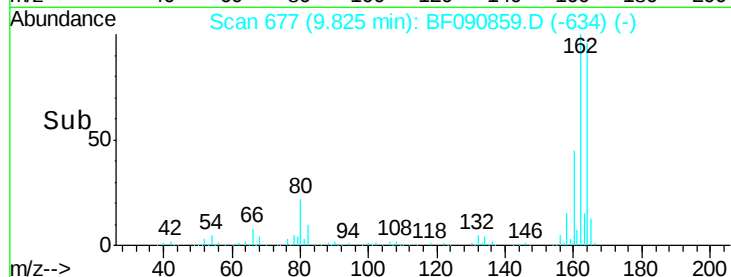
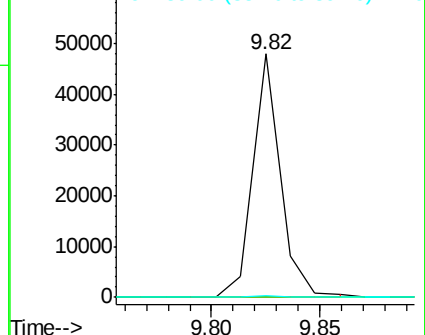
89 0.7 28.6 43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56

2,4-Dinitrotoluene

Concen: 7.01 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.22 min

Lab File: BF090859.D

Acq: 26 Oct 2016 23:59

Tgt Ion:165 Resp: 42167

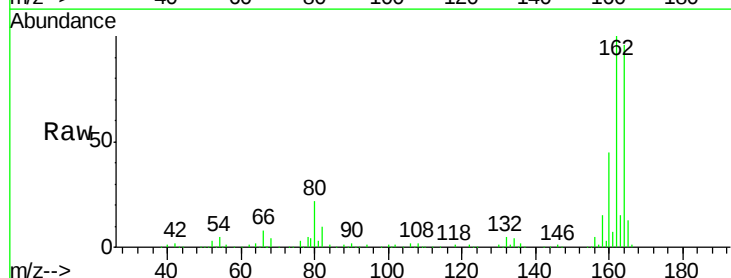
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.7 44.5 66.7#

182 0.0 3.0 4.4#

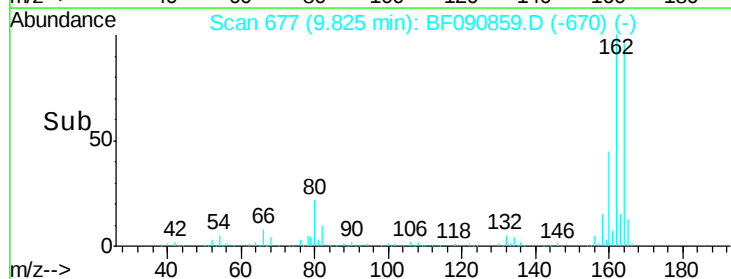
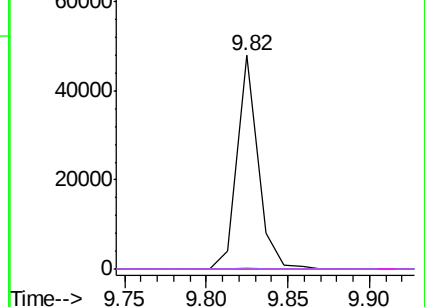


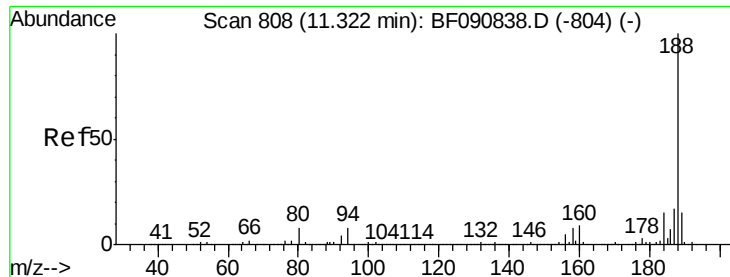
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

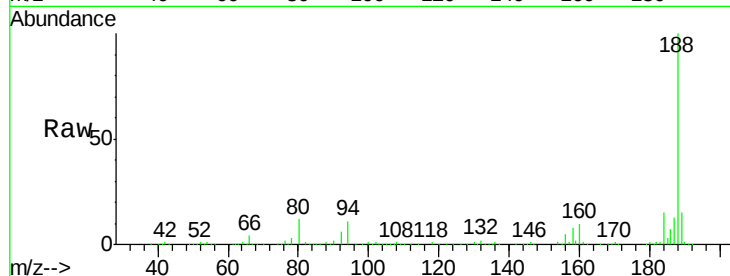




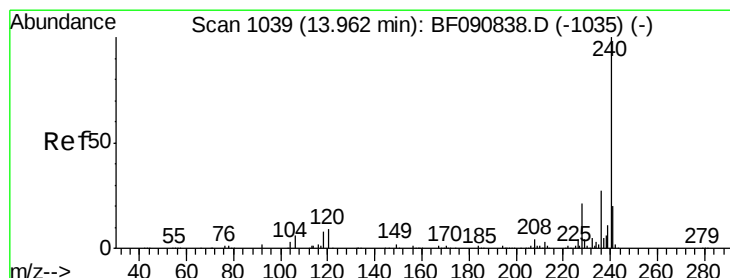
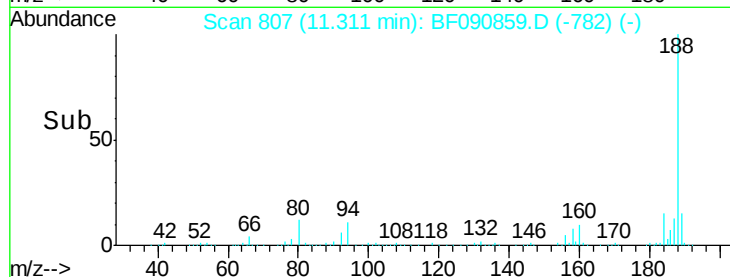
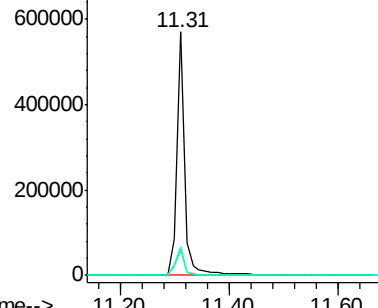
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF090859.D
Acq: 26 Oct 2016 23:59

Instrument :
BNA_F
ClientSampleId :
PB94264BL

Tgt Ion:188 Resp: 563209
Ion Ratio Lower Upper
188 100
94 10.8 11.1 16.7#
80 11.8 11.0 16.4

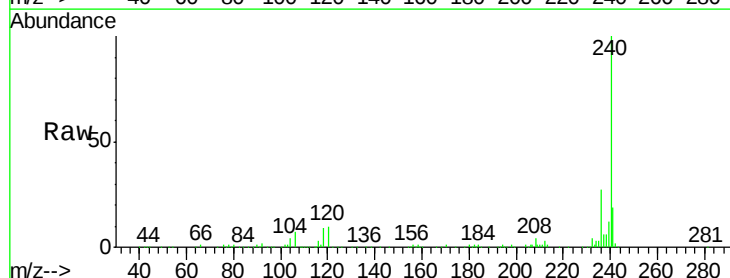


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

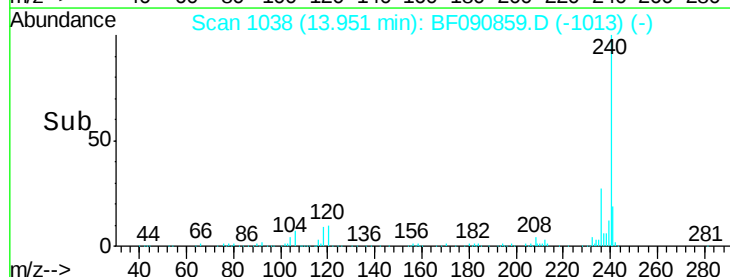
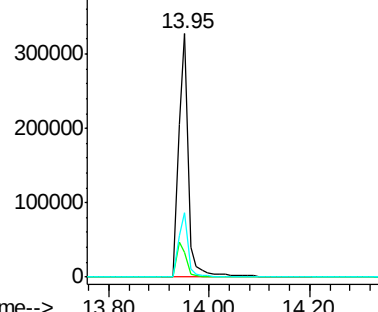


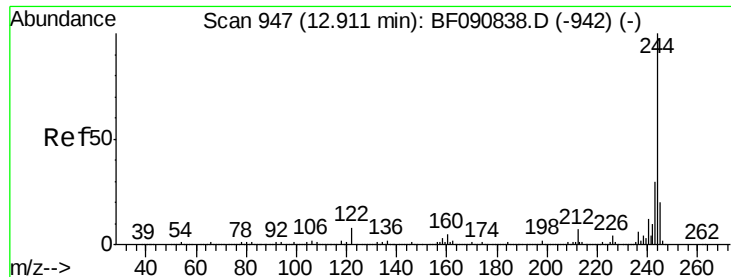
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF090859.D
Acq: 26 Oct 2016 23:59

Tgt Ion:240 Resp: 435433
Ion Ratio Lower Upper
240 100
120 9.9 16.2 24.2#
236 26.6 18.4 27.6



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

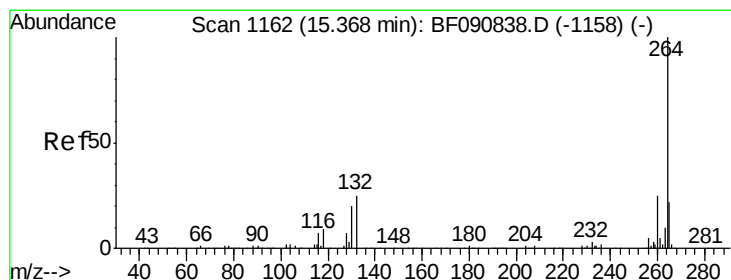
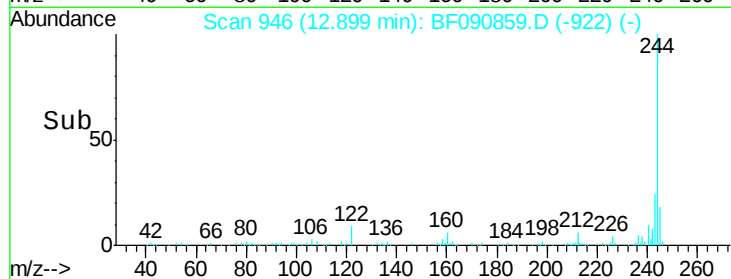
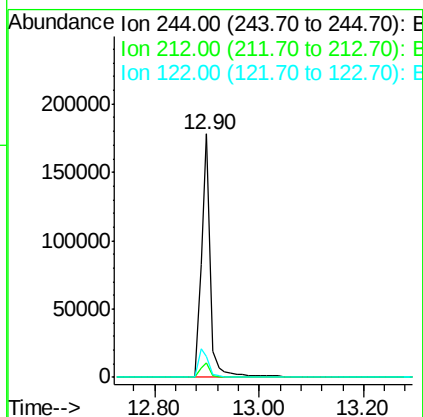
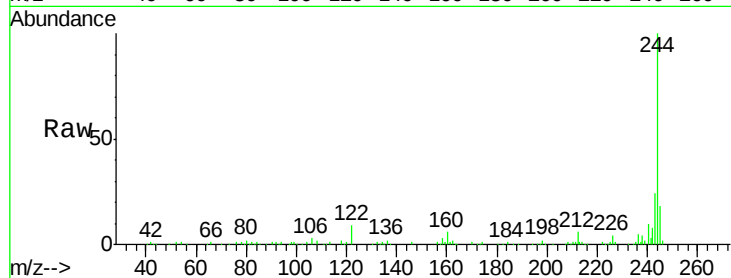




#78
 Terphenyl-d14
 Concen: 12.26 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.02 min
 Lab File: BF090859.D
 Acq: 26 Oct 2016 23:59

Instrument :
 BNA_F
 ClientSampleId :
 PB94264BL

Tgt Ion:244 Resp: 211880
 Ion Ratio Lower Upper
 244 100
 212 6.2 4.3 6.5
 122 8.5 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF090859.D
 Acq: 26 Oct 2016 23:59

Tgt Ion:264 Resp: 336815
 Ion Ratio Lower Upper
 264 100
 260 24.9 16.7 25.1
 265 21.8 17.2 25.8

