

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088641.D
 Acq On : 3 Jul 2016 11:11
 Operator : UM/SJ
 Sample : PB91776BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 04:53:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

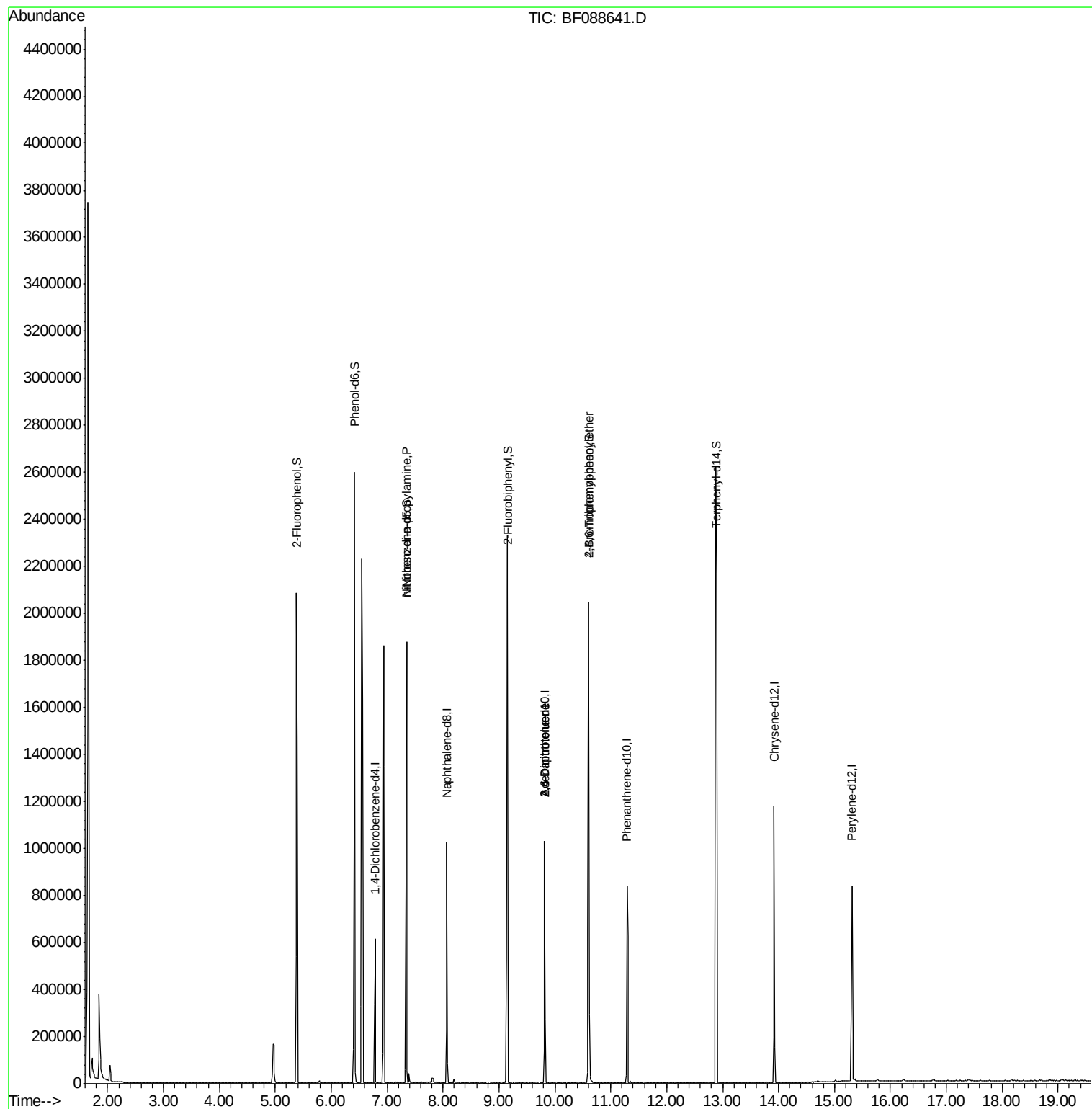
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	109580	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	436822	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	204803	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	402720	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	362682	20.00	ng	-0.03
86) Perylene-d12	15.31	264	340075	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	845335	115.61	ng	-0.02
7) Phenol-d6	6.42	99	999987	105.85	ng	-0.02
23) Nitrobenzene-d5	7.35	82	680630	81.65	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	240239	126.32	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	1165840	89.92	ng	-0.02
78) Terphenyl-d14	12.89	244	1173855	72.09	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	93150	14.68	ng	# 72
50) 2,6-Dinitrotoluene	9.82	165	25971	8.03	ng	# 40
56) 2,4-Dinitrotoluene	9.82	165	25973	6.14	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	16038	3.95	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088641.D
Acq On : 3 Jul 2016 11:11
Operator : UM/SJ
Sample : PB91776BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 04 04:53:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088641.D

Acq: 3 Jul 2016 11:11

Instrument :

BNA_F

ClientSampleId :

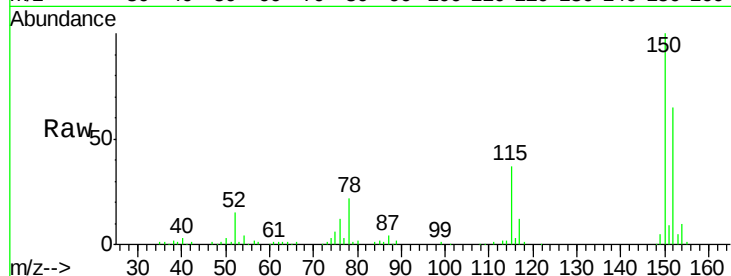
Tot Ion:152 Resp: 109580

Ion Ratio Lower Upper

152 100

150 153.0 123.8 185.6

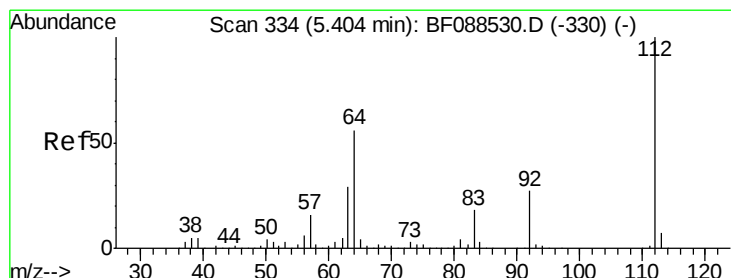
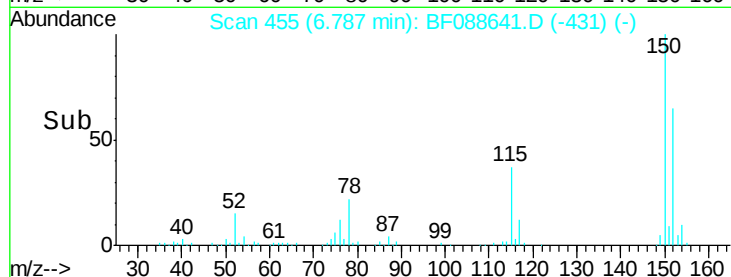
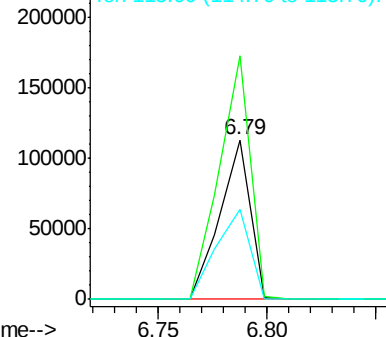
115 56.4 39.6 59.4



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: 115.61 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088641.D

Acq: 3 Jul 2016 11:11

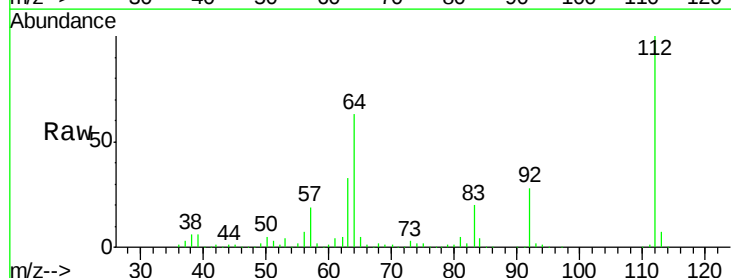
Tgt Ion:112 Resp: 845335

Ion Ratio Lower Upper

112 100

64 62.9 42.2 63.2

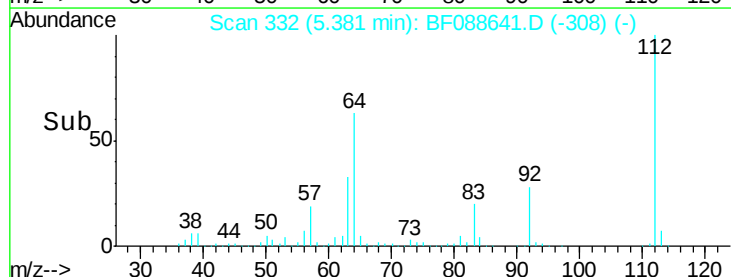
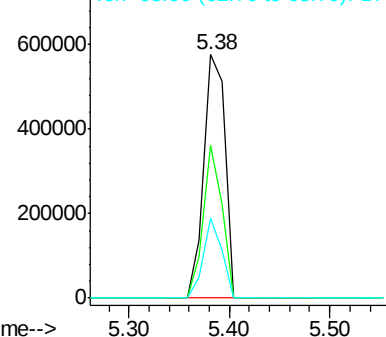
63 32.5 21.8 32.8



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: 105.85 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088641.D

Acq: 3 Jul 2016 11:11

Instrument :

BNA_F

ClientSampleId :

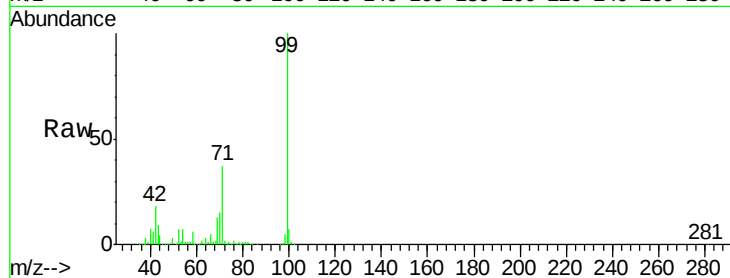
Tot Ion: 99 Resp: 999987

Ion Ratio Lower Upper

99 100

42 17.9 12.2 18.2

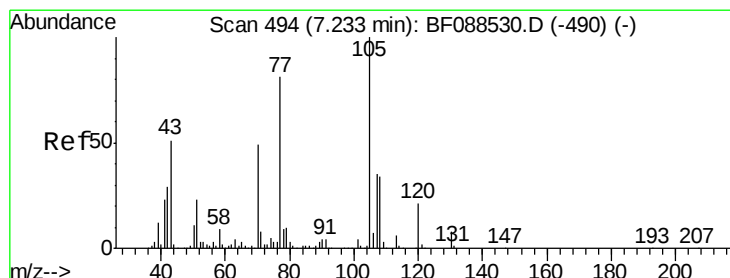
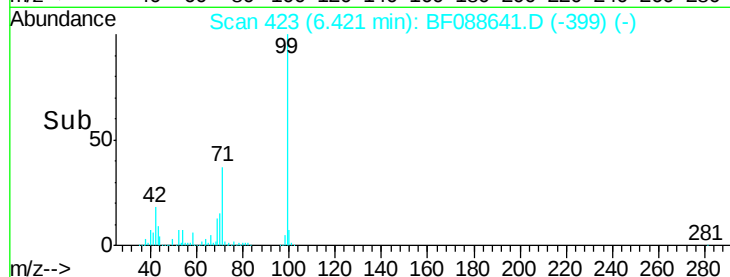
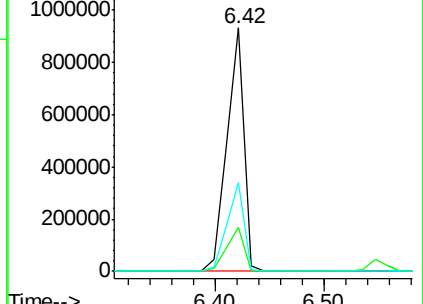
71 36.6 23.4 35.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.68 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.11 min

Lab File: BF088641.D

Acq: 3 Jul 2016 11:11

Tgt Ion: 70 Resp: 93150

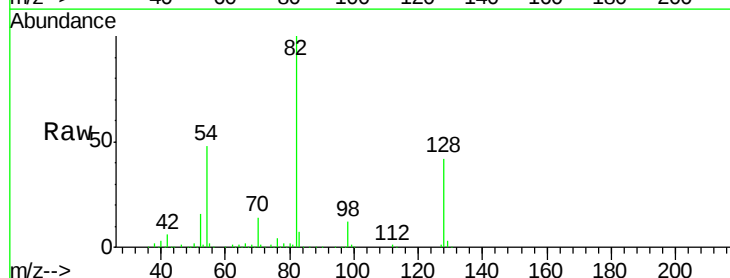
Ion Ratio Lower Upper

70 100

42 42.6 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 15.4 23.2#

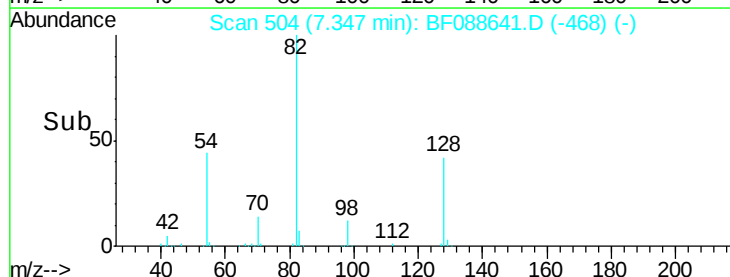
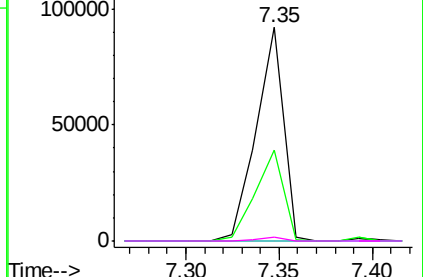


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088641.D

Acq: 3 Jul 2016 11:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 436822

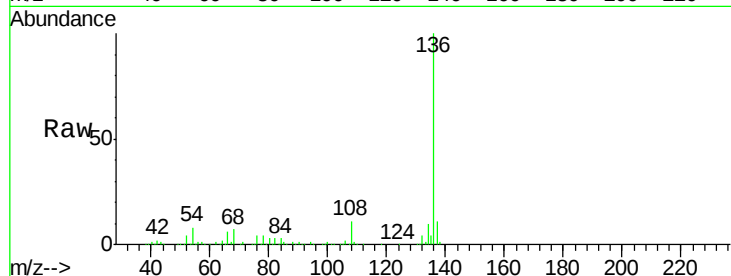
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.0 6.6 10.0

68 6.9 5.1 7.7

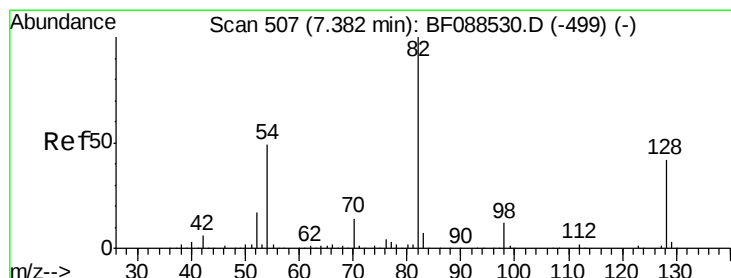
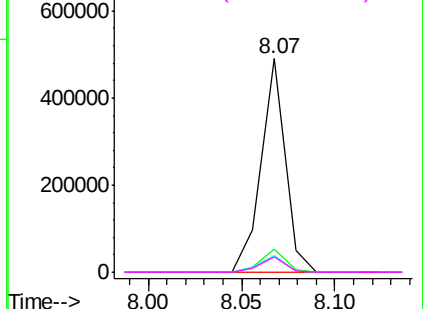
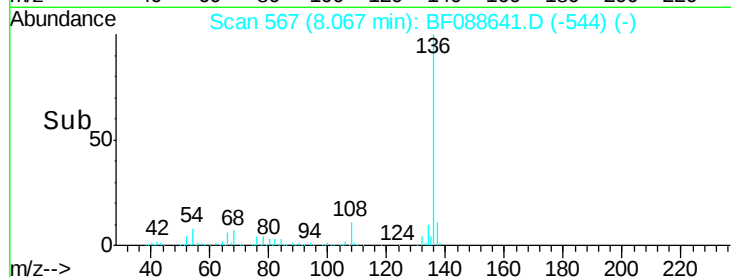


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.65 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF088641.D

Acq: 3 Jul 2016 11:11

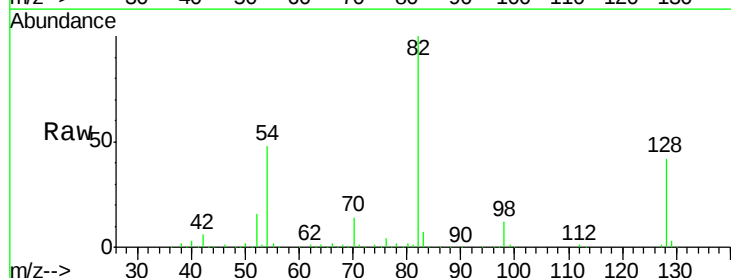
Tgt Ion: 82 Resp: 680630

Ion Ratio Lower Upper

82 100

128 41.7 35.9 53.9

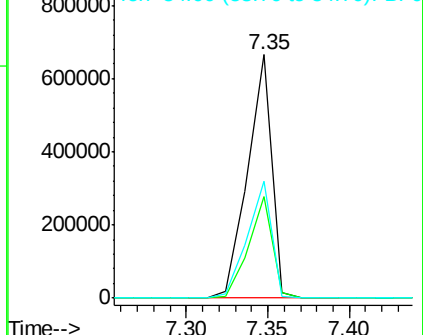
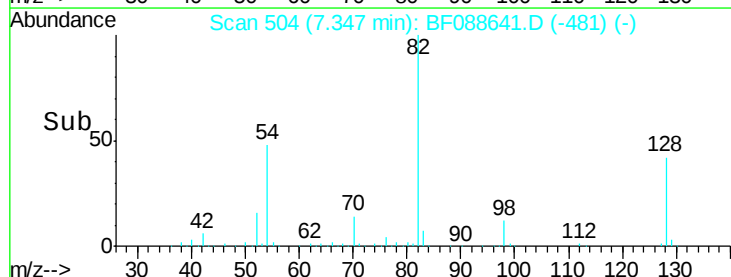
54 47.8 40.9 61.3

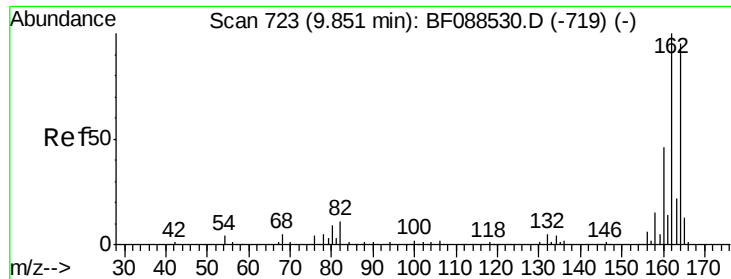


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

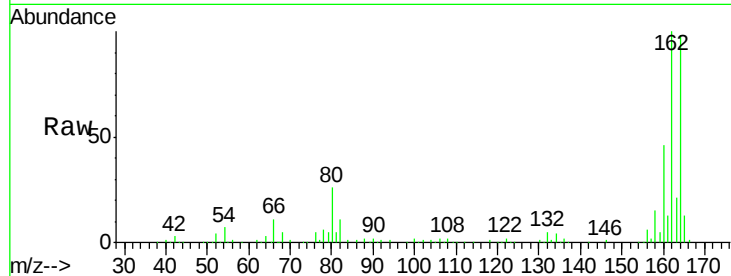




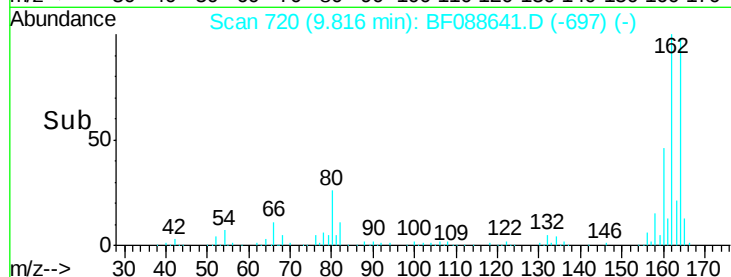
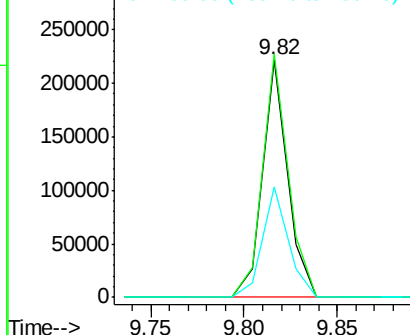
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088641.D
Acq: 3 Jul 2016 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 204803
Ion Ratio Lower Upper
164 100
162 102.4 85.4 128.2
160 46.7 39.5 59.3

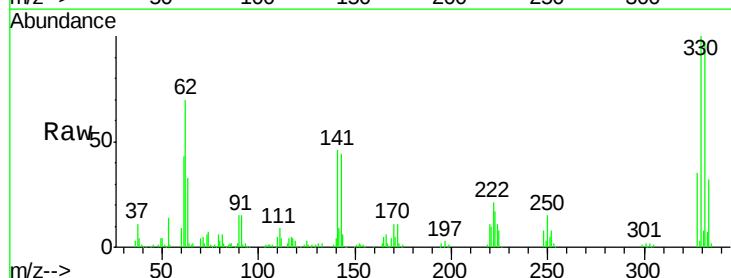


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

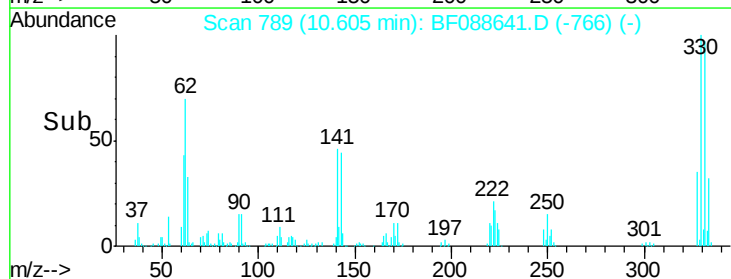
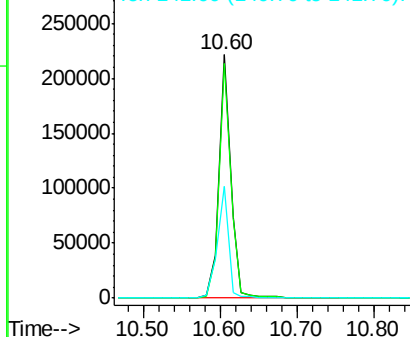


#41
2,4,6-Tribromophenol
Concen: 126.32 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF088641.D
Acq: 3 Jul 2016 11:11

Tgt Ion:330 Resp: 240239
Ion Ratio Lower Upper
330 100
332 97.0 0.0 0.0#
141 42.5 0.0 0.0#



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

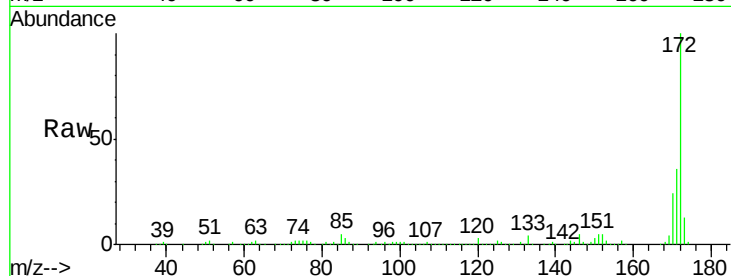




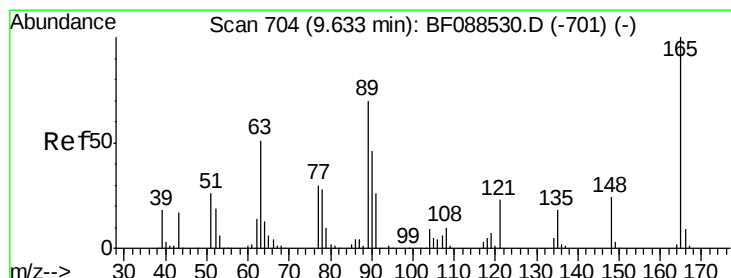
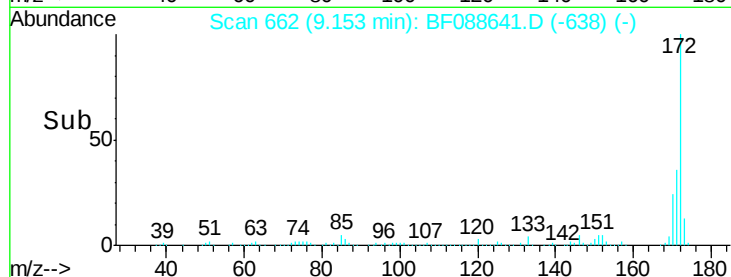
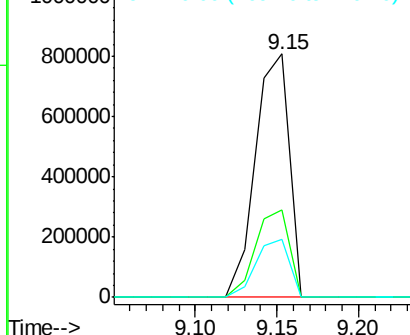
#44
 2-Fluorobiphenyl
 Concen: 89.92 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088641.D
 Acq: 3 Jul 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1165840
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.8 19.2 28.8

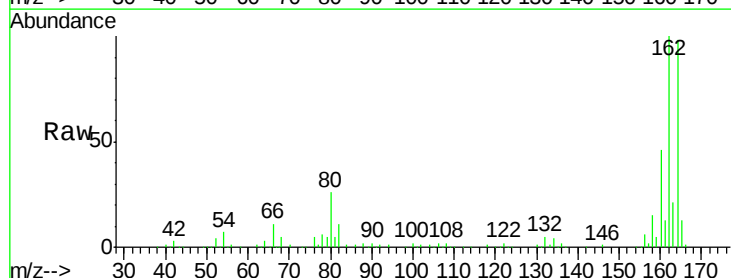


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

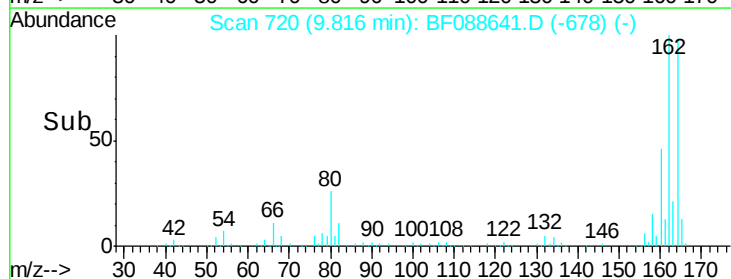
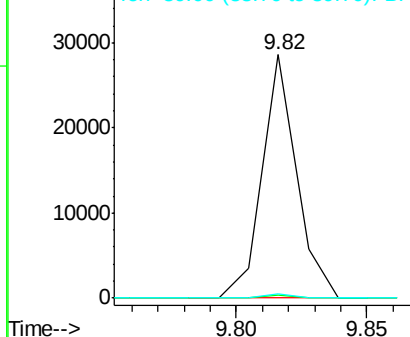


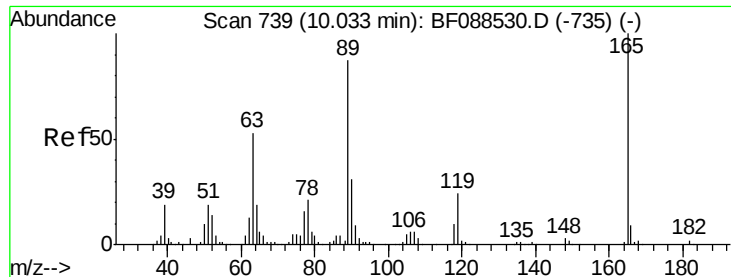
#50
 2,6-Dinitrotoluene
 Concen: 8.03 ng
 RT: 9.82 min Scan# 720
 Delta R.T. 0.18 min
 Lab File: BF088641.D
 Acq: 3 Jul 2016 11:11

Tgt Ion:165 Resp: 25971
 Ion Ratio Lower Upper
 165 100
 63 1.1 28.1 42.1#
 89 1.7 32.2 48.2#



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

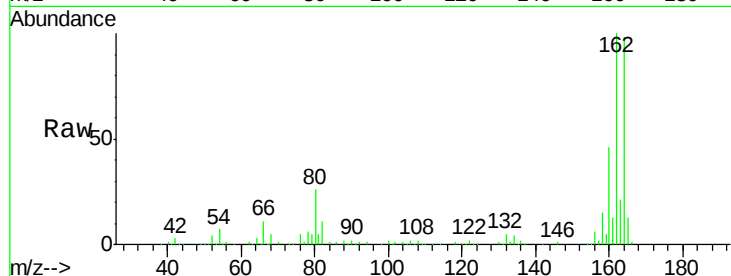




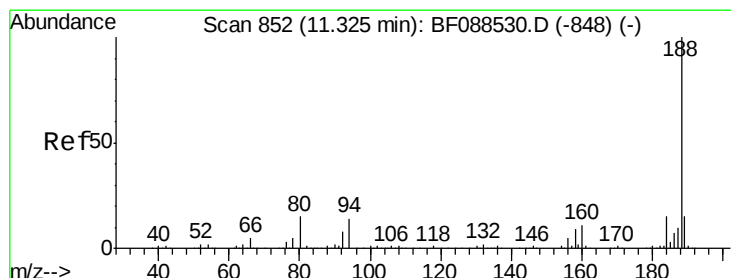
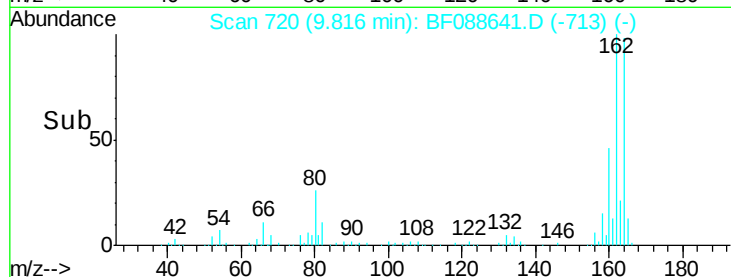
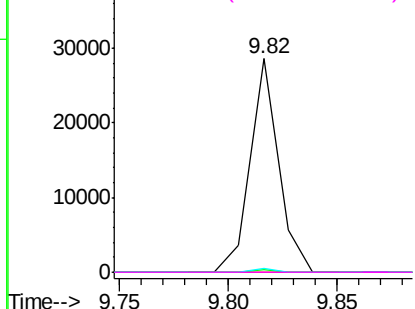
#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.22 min
 Lab File: BF088641.D
 Acq: 3 Jul 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 25973
 Ion Ratio Lower Upper
 165 100
 63 1.1 22.0 33.0#
 89 1.7 41.1 61.7#
 182 0.0 2.0 3.0#

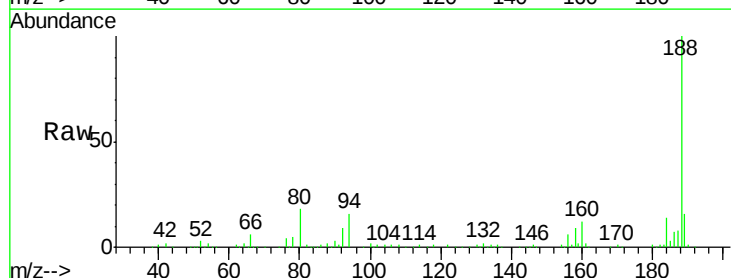


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

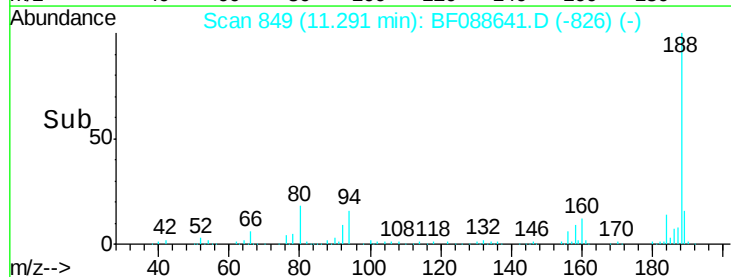
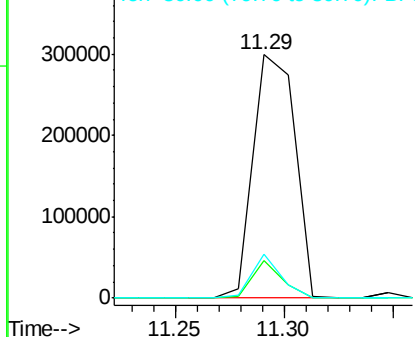


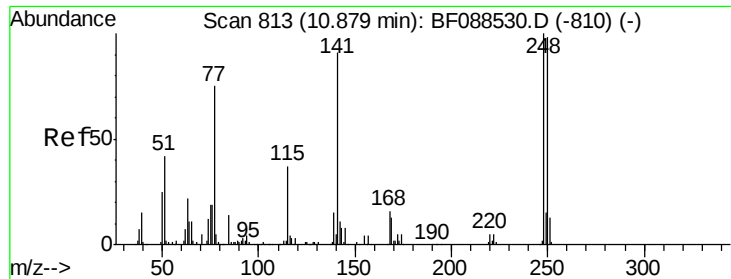
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BF088641.D
 Acq: 3 Jul 2016 11:11

Tgt Ion:188 Resp: 402720
 Ion Ratio Lower Upper
 188 100
 94 15.5 9.0 13.6#
 80 18.2 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

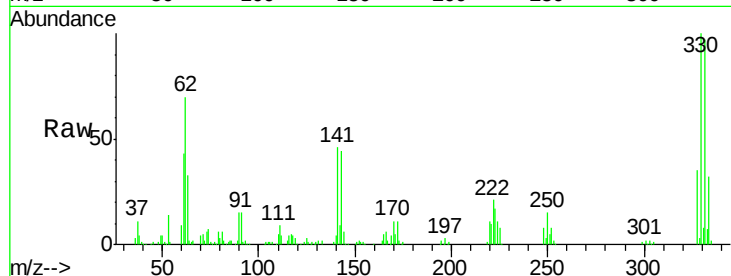




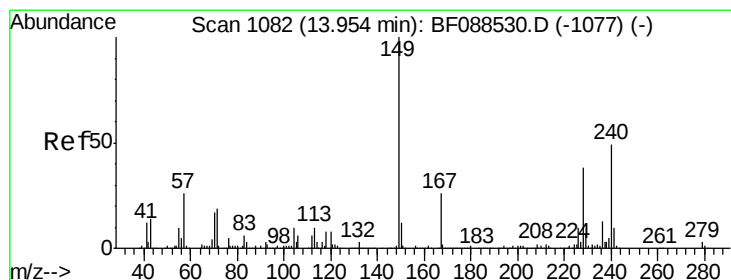
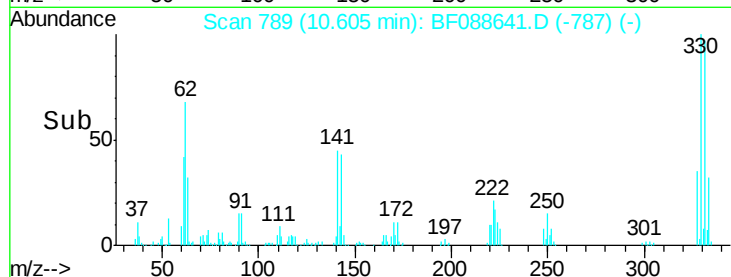
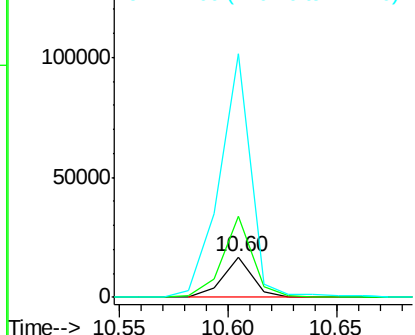
#66
4-Bromophenyl-phenylether
Concen: 3.95 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088641.D
Acq: 3 Jul 2016 11:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16038
Ion Ratio Lower Upper
248 100
250 201.8 77.1 115.7#
141 607.4 50.6 76.0#

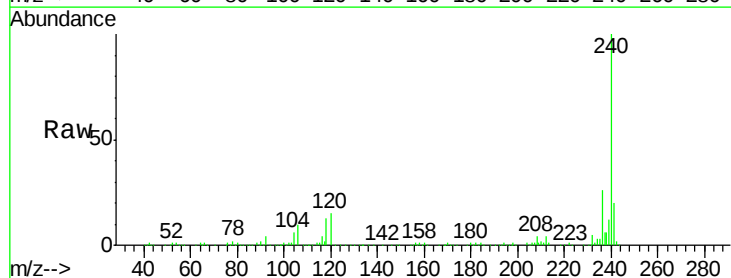


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

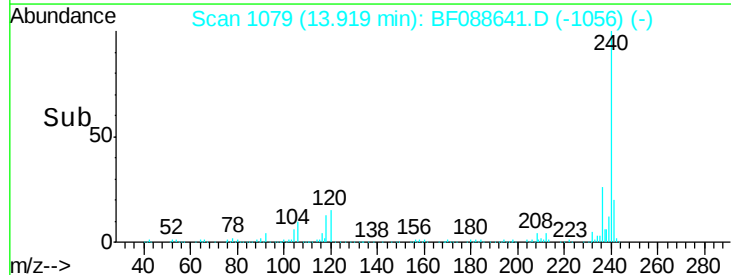
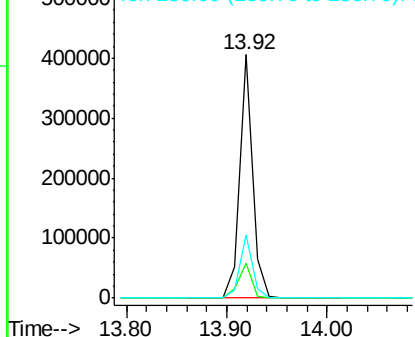


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088641.D
Acq: 3 Jul 2016 11:11

Tgt Ion:240 Resp: 362682
Ion Ratio Lower Upper
240 100
120 14.6 6.8 10.2#
236 26.0 20.2 30.2



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: 72.09 ng

RT: 12.89 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF088641.D

Acq: 3 Jul 2016 11:11

Instrument :

BNA_F

ClientSampled :

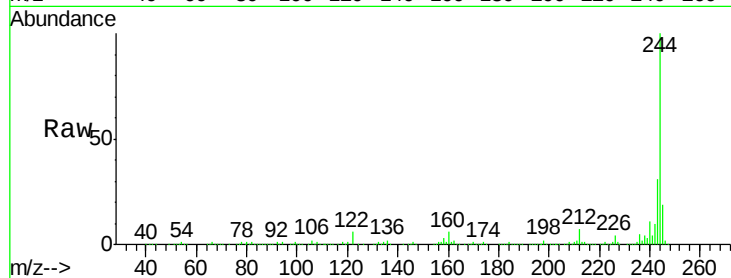
Tot Ion:244 Resp: 1173855

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

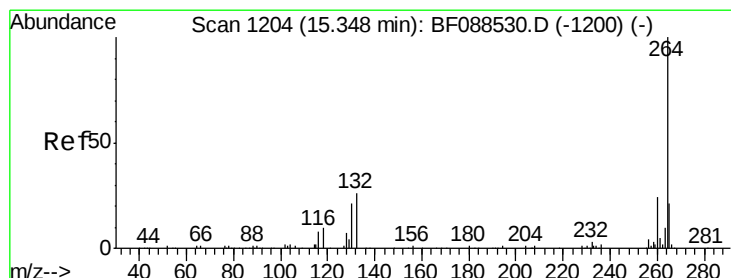
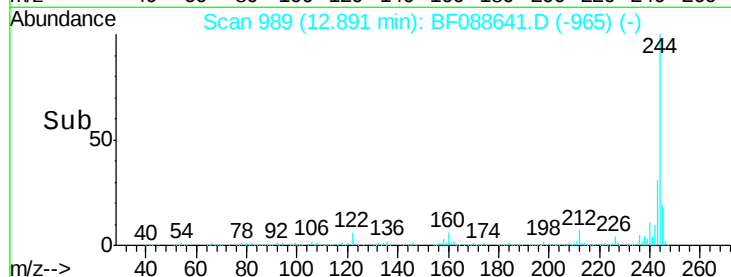
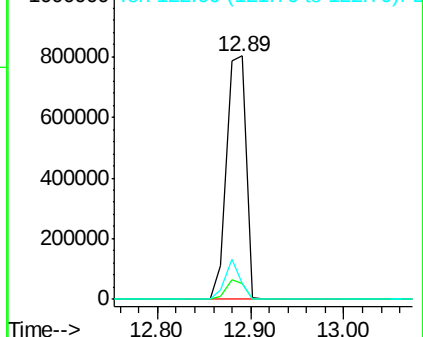
122 6.4 11.2 16.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.31 min Scan# 1201

Delta R.T. -0.03 min

Lab File: BF088641.D

Acq: 3 Jul 2016 11:11

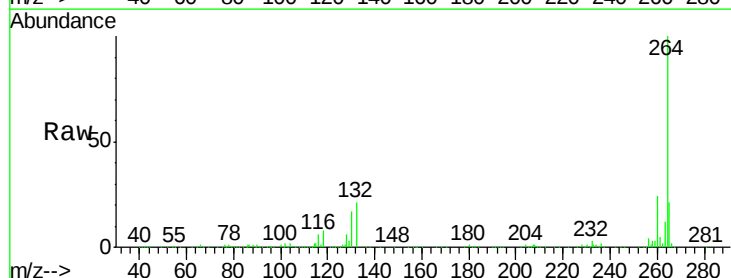
Tgt Ion:264 Resp: 340075

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.4 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

