

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088642.D
 Acq On : 3 Jul 2016 11:41
 Operator : UM/SJ
 Sample : PB91848BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 04:54:04 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

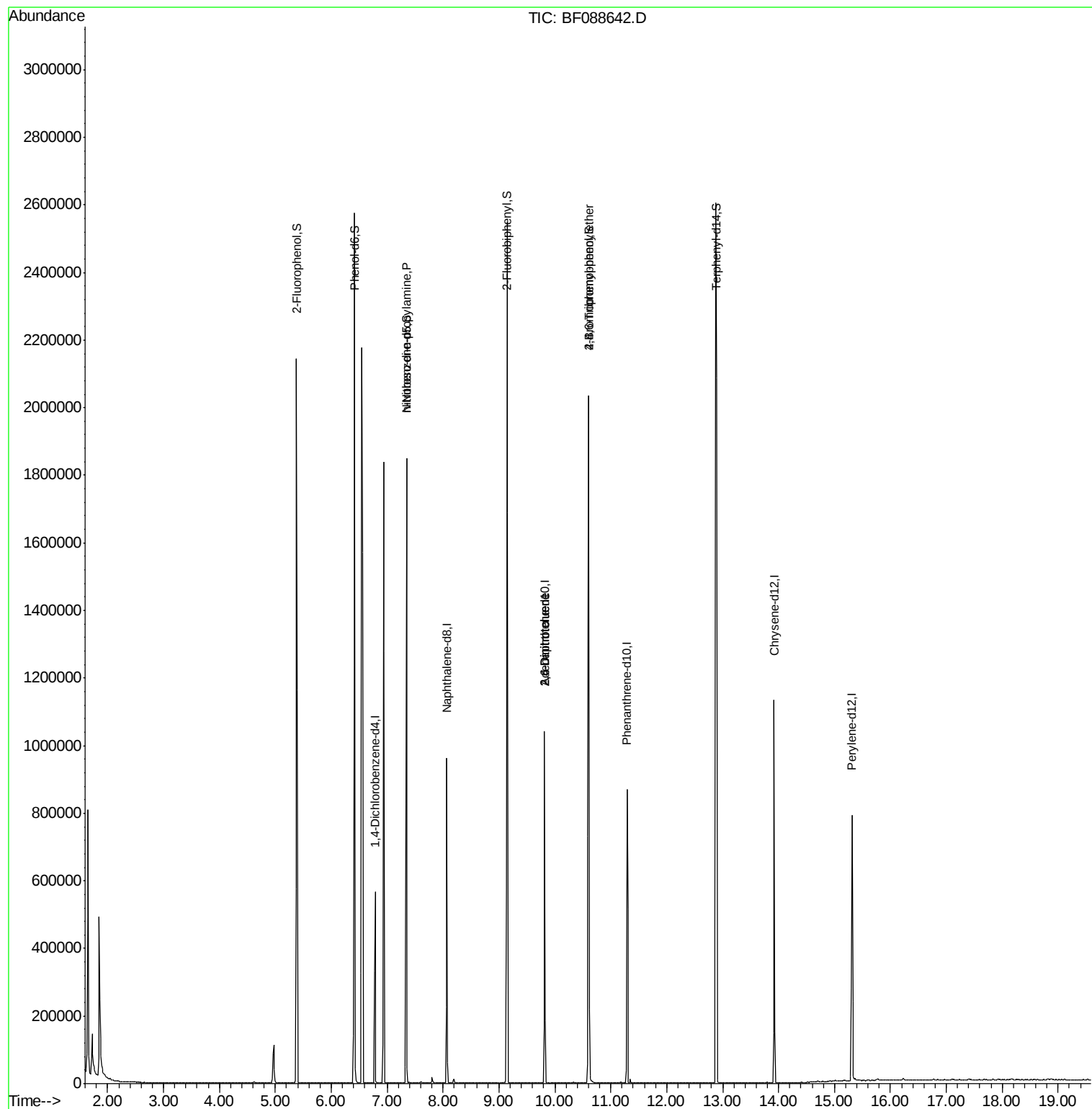
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	102284	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	418841	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	198531	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	382341	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	342937	20.00	ng	-0.03
86) Perylene-d12	15.31	264	327996	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	801220	117.40	ng	-0.02
7) Phenol-d6	6.42	99	986739	111.89	ng	-0.02
23) Nitrobenzene-d5	7.35	82	670275	83.86	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	237400	128.77	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1129436	89.86	ng	-0.03
78) Terphenyl-d14	12.88	244	1163050	75.54	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	91328	15.42	ng	# 73
50) 2,6-Dinitrotoluene	9.82	165	25241	8.05	ng	# 40
56) 2,4-Dinitrotoluene	9.82	165	25236	6.16	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	16334	4.24	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088642.D
Acq On : 3 Jul 2016 11:41
Operator : UM/SJ
Sample : PB91848BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 04 04:54:04 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



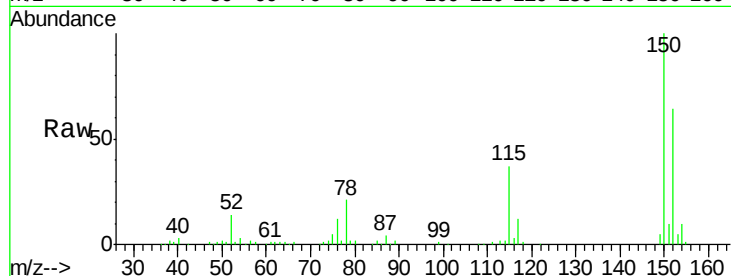


#1

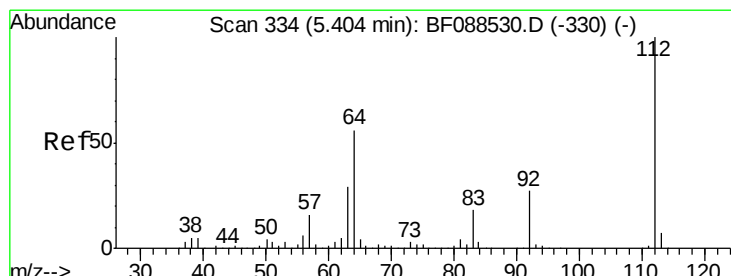
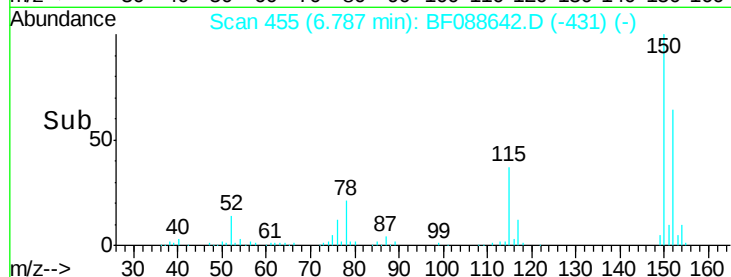
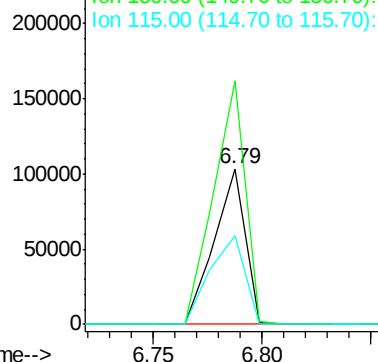
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088642.D
Acq: 3 Jul 2016 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102284
Ion Ratio Lower Upper
152 100
150 156.5 123.8 185.6
115 57.2 39.6 59.4



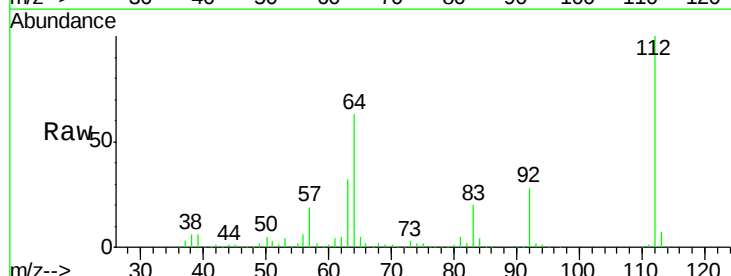
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



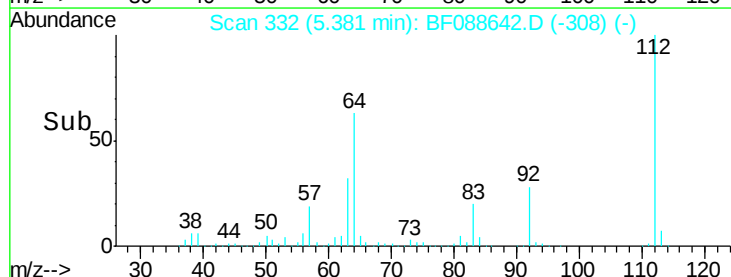
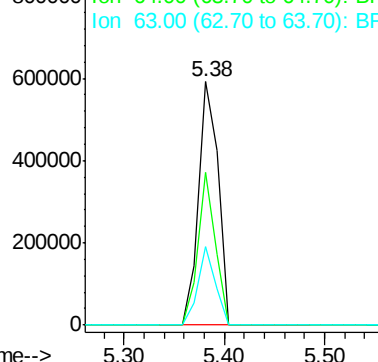
#5

2-Fluorophenol
Concen: 117.40 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088642.D
Acq: 3 Jul 2016 11:41

Tgt Ion:112 Resp: 801220
Ion Ratio Lower Upper
112 100
64 62.5 42.2 63.2
63 32.4 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: 111.89 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088642.D

Acq: 3 Jul 2016 11:41

Instrument :

BNA_F

ClientSampleId :

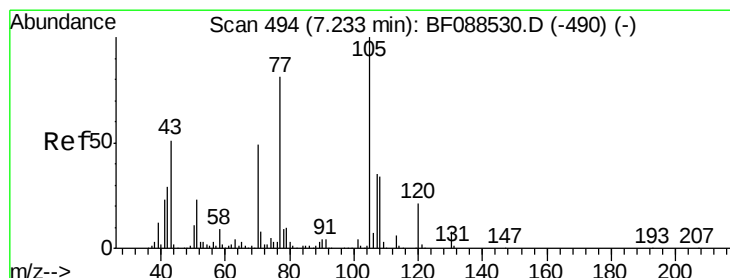
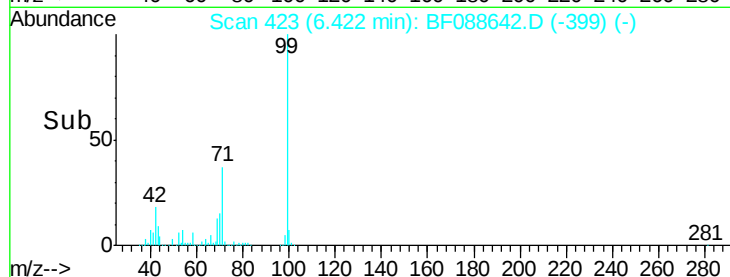
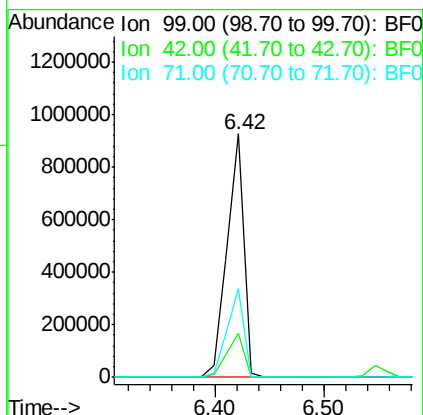
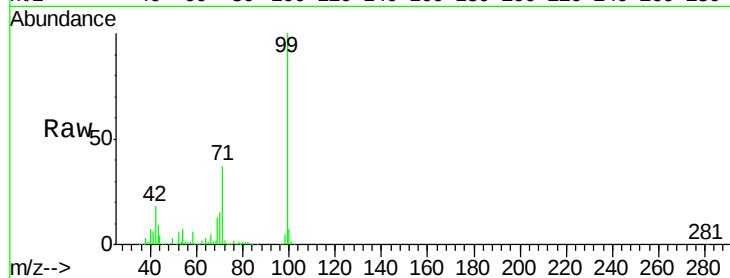
Tot Ion: 99 Resp: 986739

Ion Ratio Lower Upper

99 100

42 17.9 12.2 18.2

71 36.6 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 15.42 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.11 min

Lab File: BF088642.D

Acq: 3 Jul 2016 11:41

Tgt Ion: 70 Resp: 91328

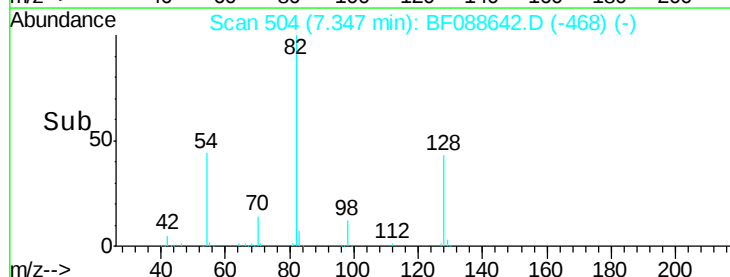
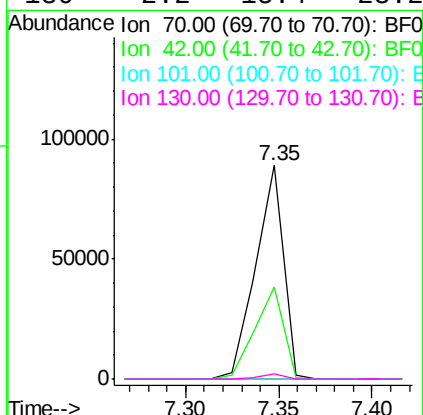
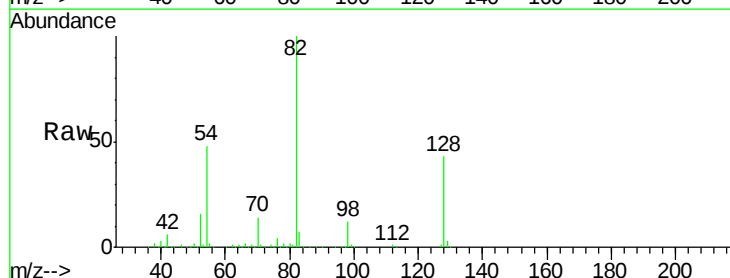
Ion Ratio Lower Upper

70 100

42 43.2 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088642.D

Acq: 3 Jul 2016 11:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 418841

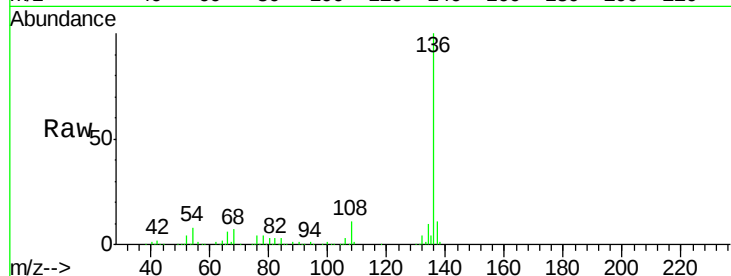
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.8 6.6 10.0

68 6.7 5.1 7.7

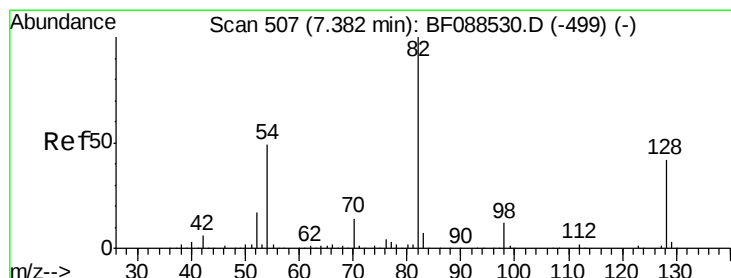
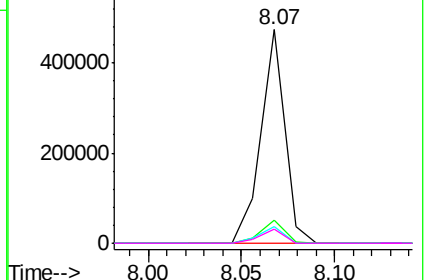
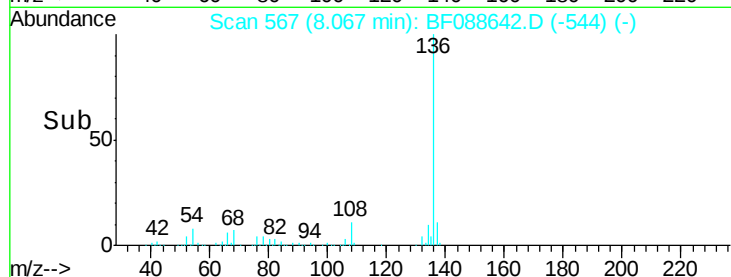


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.86 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF088642.D

Acq: 3 Jul 2016 11:41

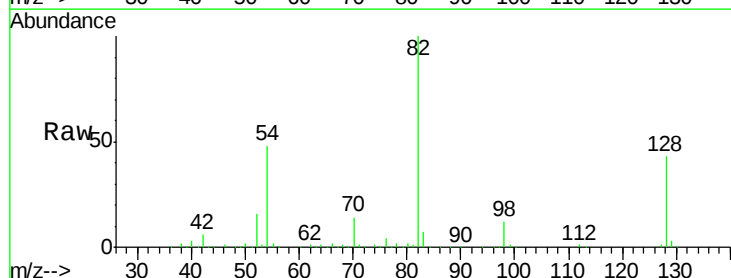
Tgt Ion: 82 Resp: 670275

Ion Ratio Lower Upper

82 100

128 42.8 35.9 53.9

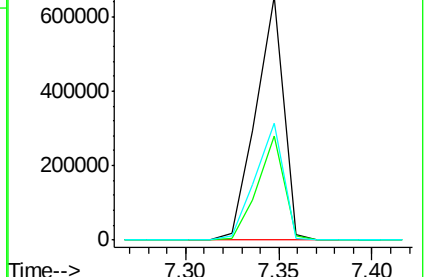
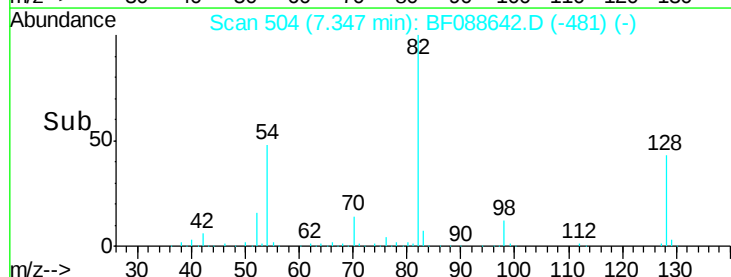
54 48.0 40.9 61.3

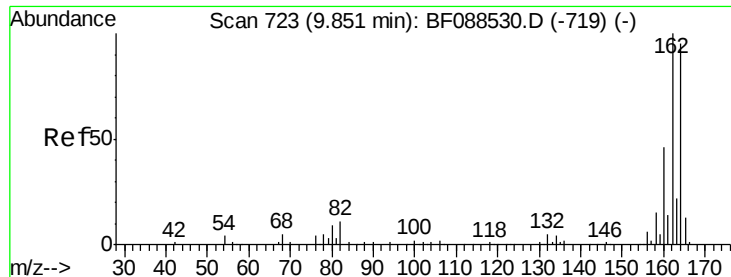


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

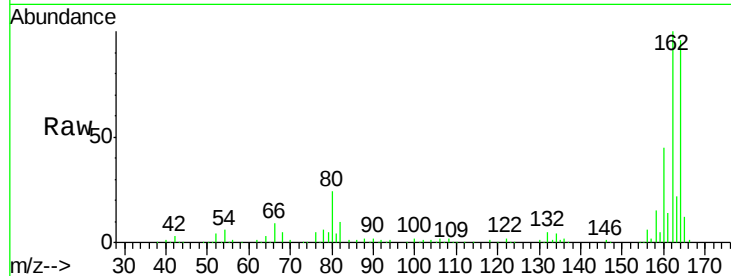




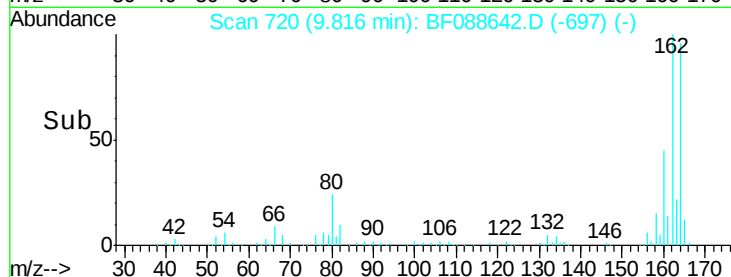
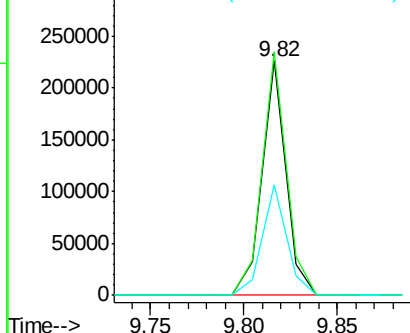
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088642.D
Acq: 3 Jul 2016 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 198531
Ion Ratio Lower Upper
164 100
162 103.8 85.4 128.2
160 47.0 39.5 59.3

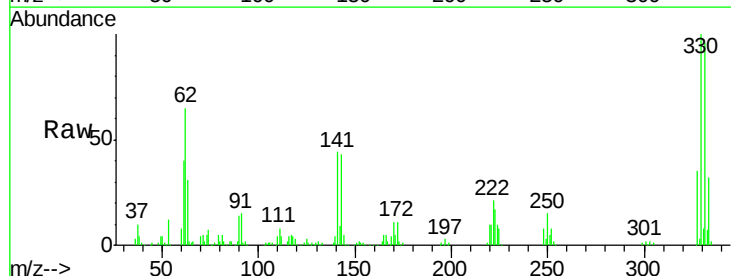


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

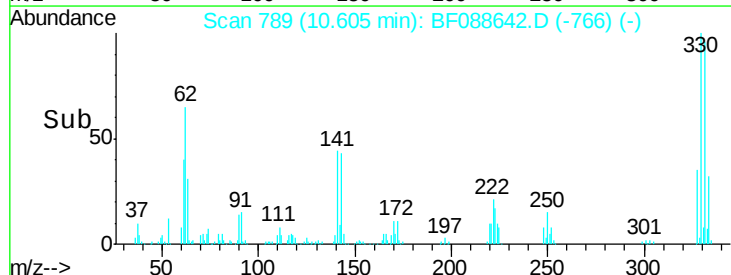
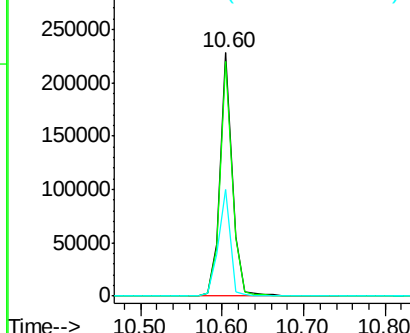


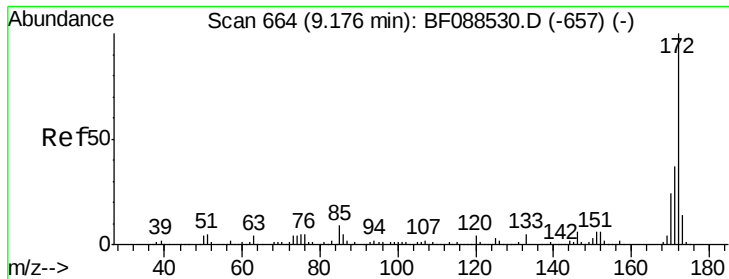
#41
2,4,6-Tribromophenol
Concen: 128.77 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF088642.D
Acq: 3 Jul 2016 11:41

Tgt Ion:330 Resp: 237400
Ion Ratio Lower Upper
330 100
332 96.1 0.0 0.0#
141 43.2 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

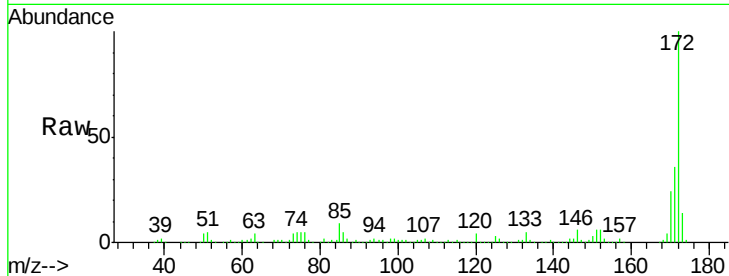




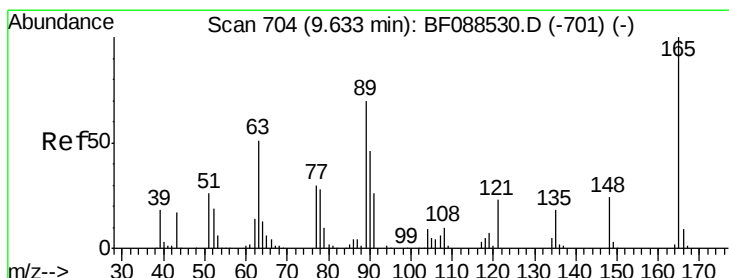
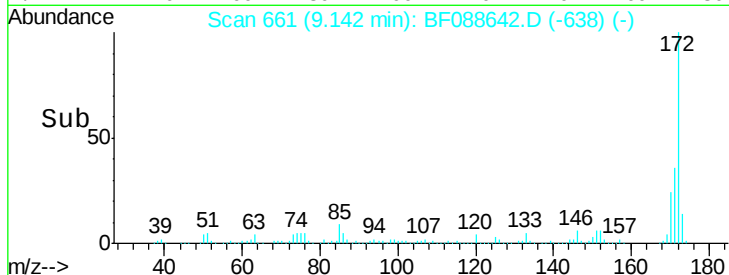
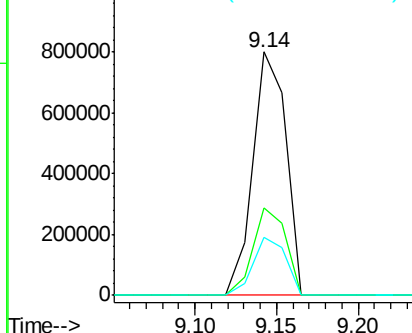
#44
 2-Fluorobiphenyl
 Concen: 89.86 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088642.D
 Acq: 3 Jul 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1129436
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 24.1 19.2 28.8

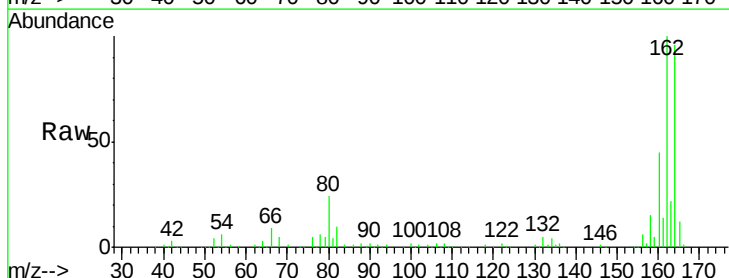


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

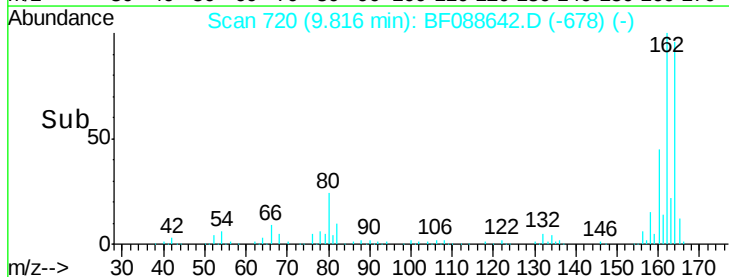
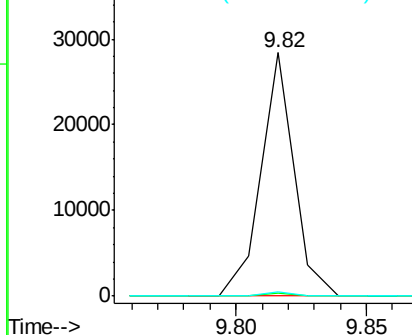


#50
 2,6-Dinitrotoluene
 Concen: 8.05 ng
 RT: 9.82 min Scan# 720
 Delta R.T. 0.18 min
 Lab File: BF088642.D
 Acq: 3 Jul 2016 11:41

Tgt Ion:165 Resp: 25241
 Ion Ratio Lower Upper
 165 100
 63 1.3 28.1 42.1#
 89 1.5 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

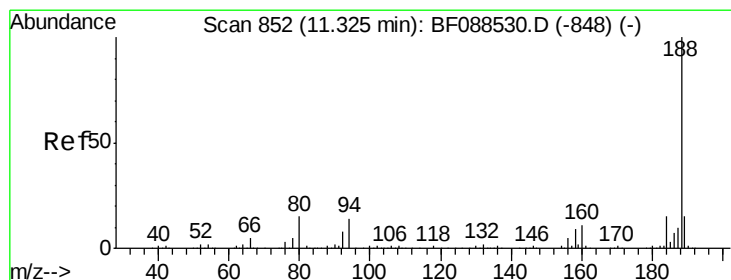
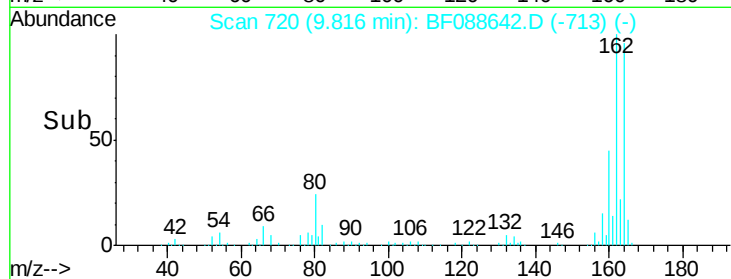
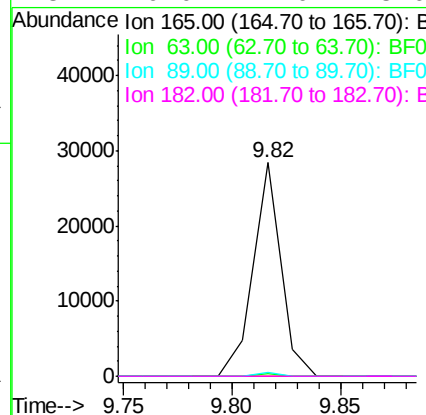
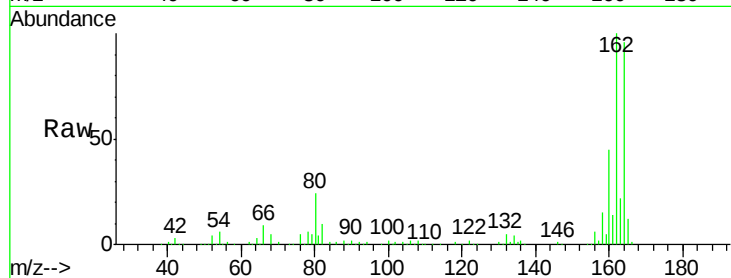




#56
 2,4-Dinitrotoluene
 Concen: 6.16 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.22 min
 Lab File: BF088642.D
 Acq: 3 Jul 2016 11:41

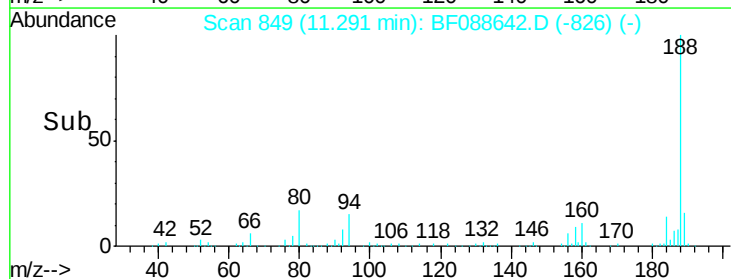
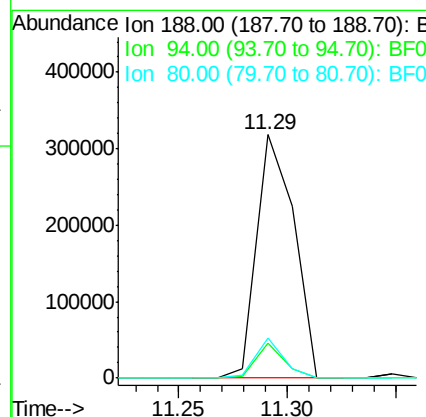
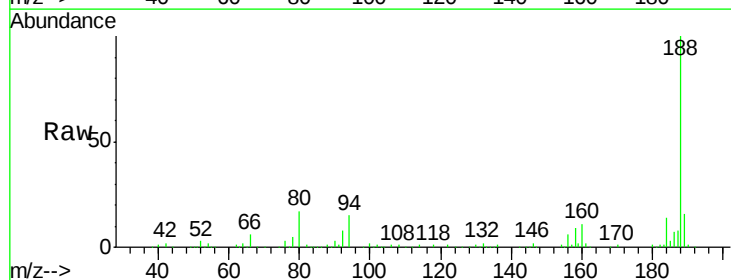
Instrument :
 BNA_F
 ClientSampleId :

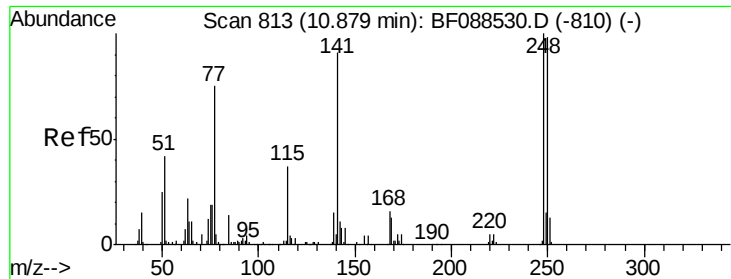
Tot Ion:165	Resp:	25236	
Ion Ratio	Lower	Upper	
165 100			
63 1.3	22.0	33.0#	
89 1.5	41.1	61.7#	
182 0.0	2.0	3.0#	



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BF088642.D
 Acq: 3 Jul 2016 11:41

Tgt Ion:188	Resp: 382341
Ion Ratio	Lower Upper
188 100	
94 14.6	9.0 13.6#
80 16.7	10.0 15.0#

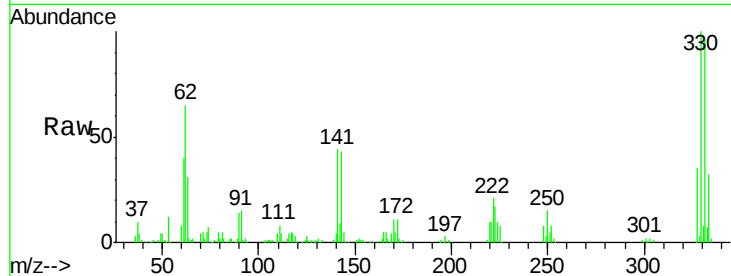




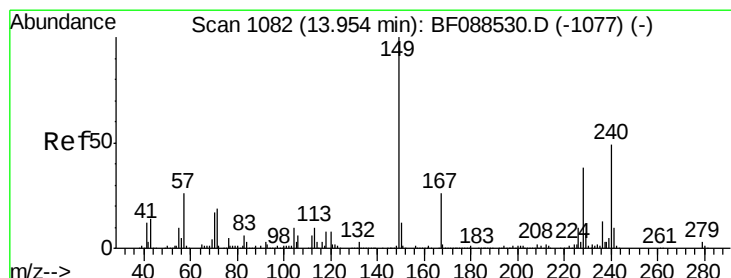
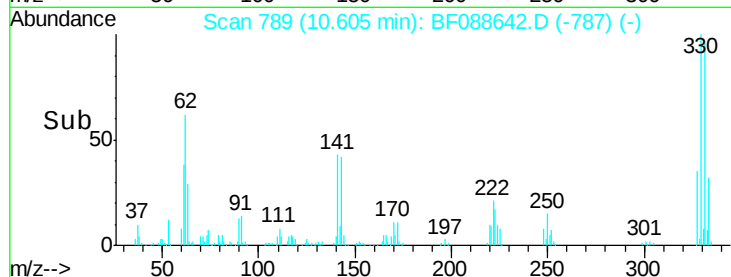
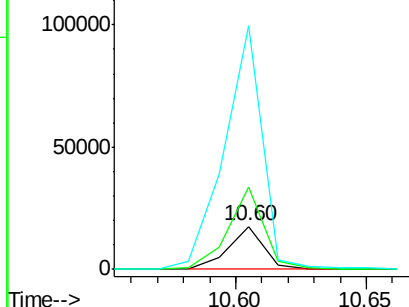
#66
4-Bromophenyl-phenylether
Concen: 4.24 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088642.D
Acq: 3 Jul 2016 11:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16334
Ion Ratio Lower Upper
248 100
250 192.6 77.1 115.7#
141 566.8 50.6 76.0#

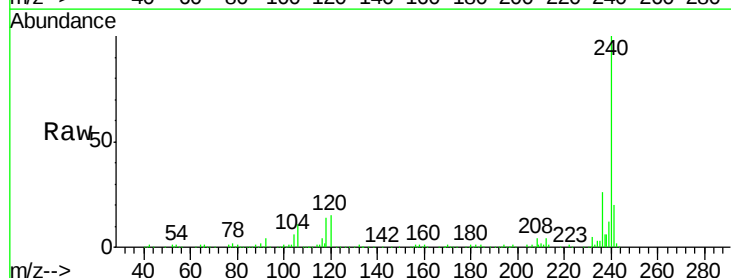


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

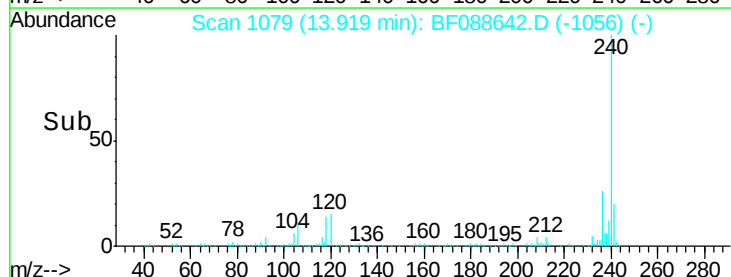
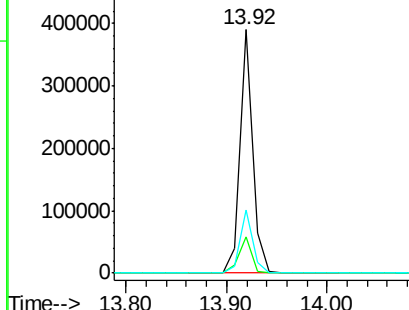


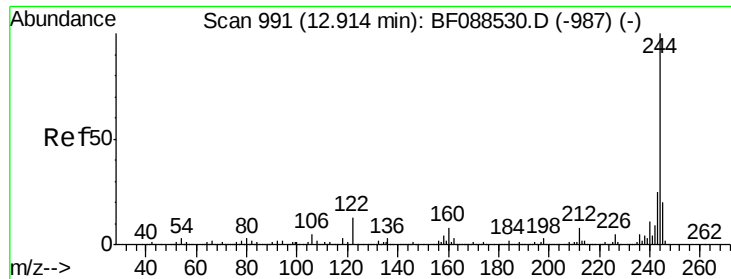
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088642.D
Acq: 3 Jul 2016 11:41

Tgt Ion:240 Resp: 342937
Ion Ratio Lower Upper
240 100
120 14.8 6.8 10.2#
236 25.7 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: 75.54 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088642.D

Acq: 3 Jul 2016 11:41

Instrument :

BNA_F

ClientSampled :

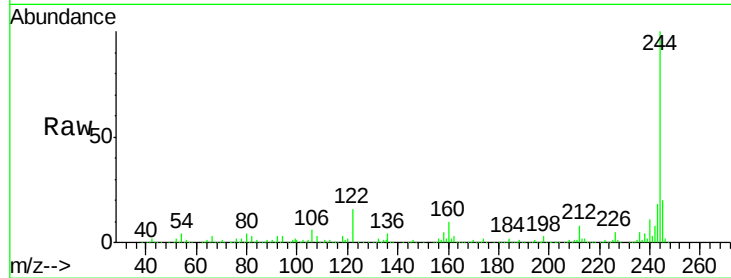
Tot Ion:244 Resp: 1163050

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

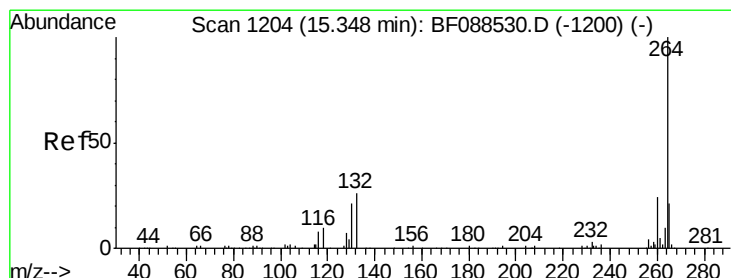
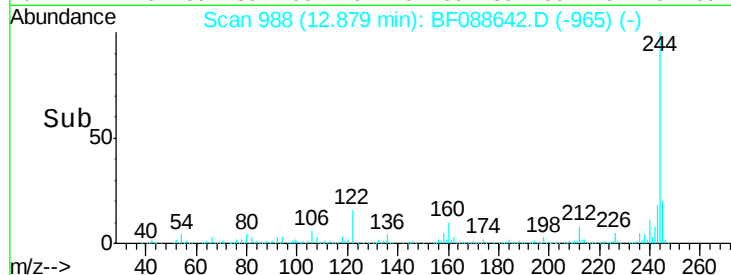
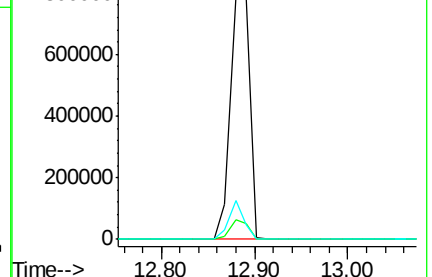
122 16.0 11.2 16.8



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: BF088642.D

Acq: 3 Jul 2016 11:41

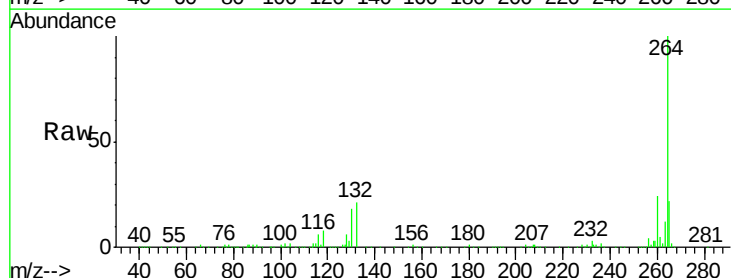
Tgt Ion:264 Resp: 327996

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.7 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

