

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086468.D
 Acq On : 28 Apr 2016 12:20
 Operator : UM/SJ
 Sample : H2660-02DL 1000X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DPA2-PRE-B10DL

Quant Time: May 04 05:16:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

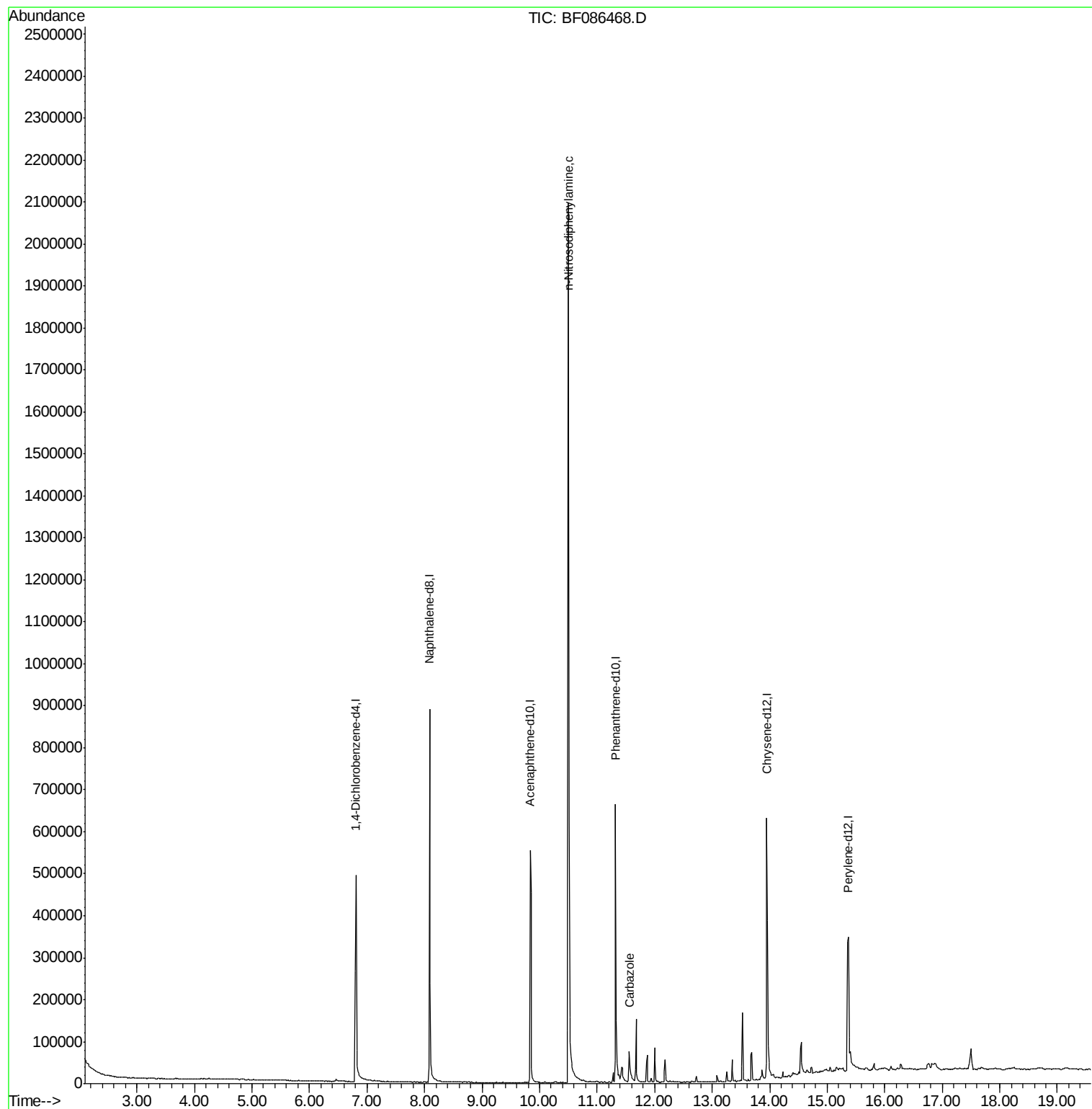
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	97659	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	436190	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	153973	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	280994	20.00	ng	0.00
75) Chrysene-d12	13.95	240	307248	20.00	ng	-0.01
86) Perylene-d12	15.37	264	211434	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	0.00	244	0d	0.00	ng	
Target Compounds						
65) n-Nitrosodiphenylamine	10.50	169	603322	68.70	ng	100
72) Carbazole	11.56	167	72343	5.19	ng	99

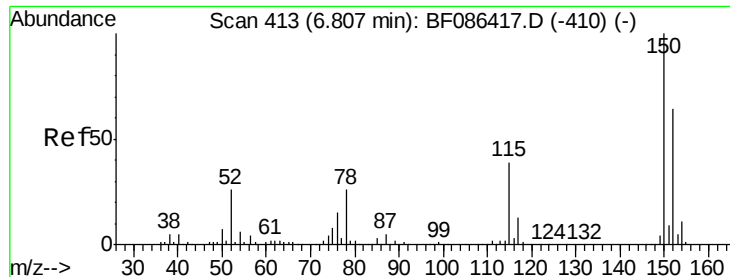
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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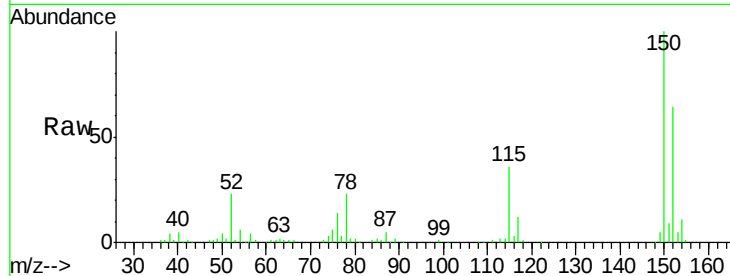


#1

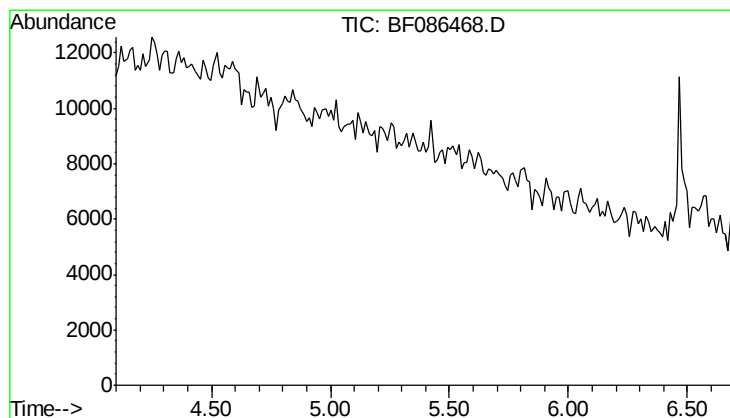
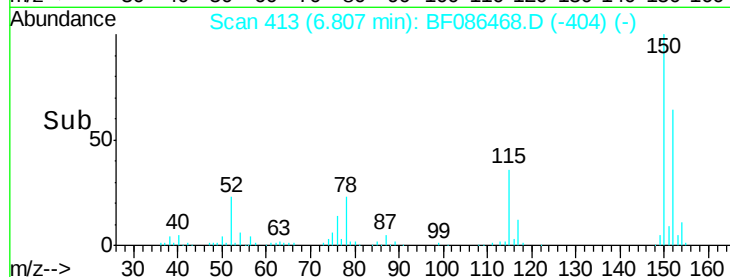
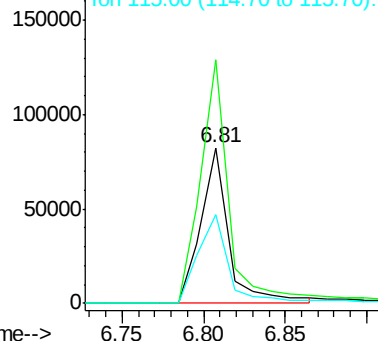
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF086468.D
 Acq: 28 Apr 2016 12:20

Instrument :
 BNA_F
 ClientSampleId :
 DPA2-PRE-B10DL

Tot Ion:152 Resp: 97659
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.8 188.6
 115 56.9 51.5 77.3



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

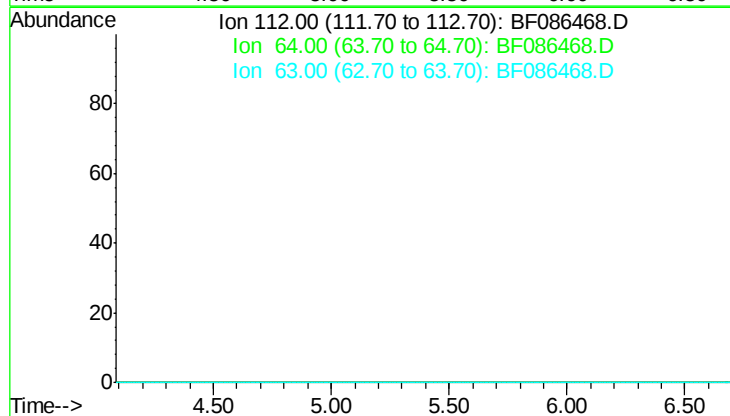


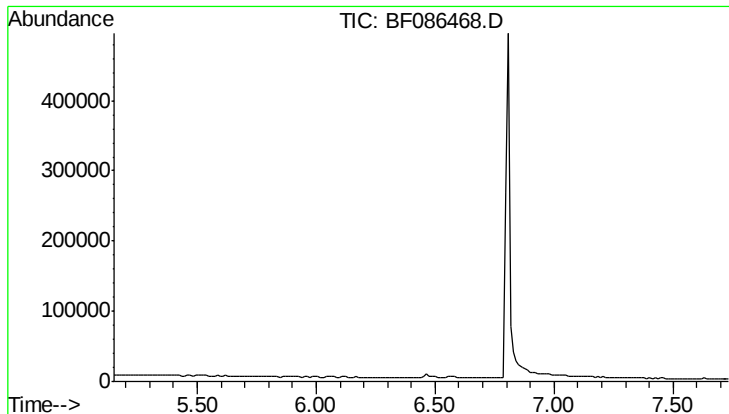
#5

2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.39 min

Lab File: BF086468.D
 Acq: 28 Apr 2016 12:20

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 65.1
 63 32.1

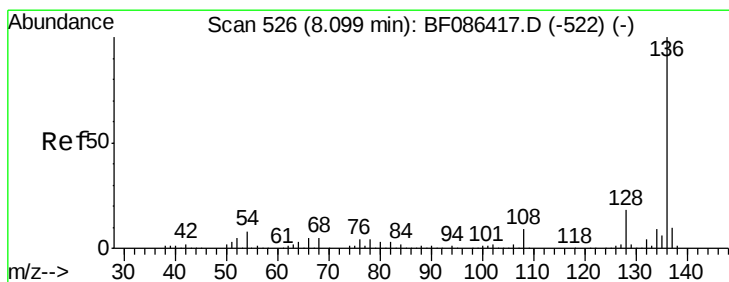
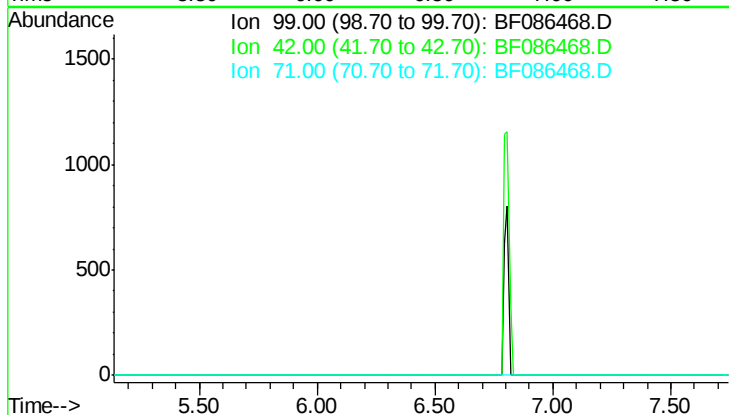




#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 6.44 min
 Lab File: BF086468.D
 Acq: 28 Apr 2016 12:20

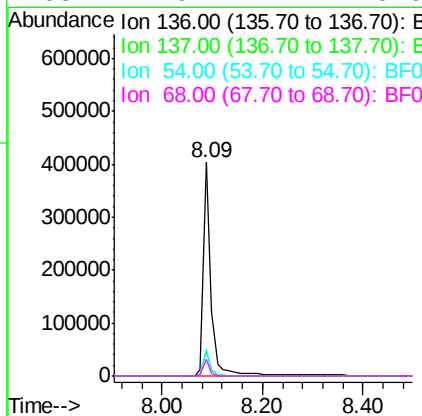
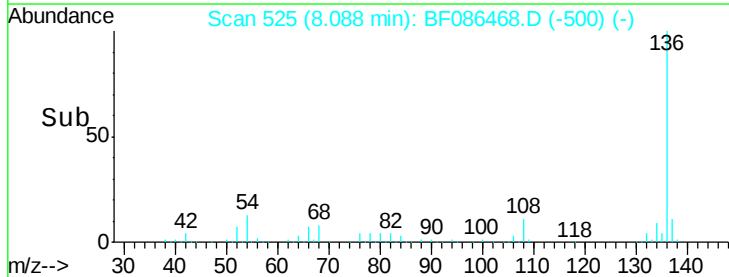
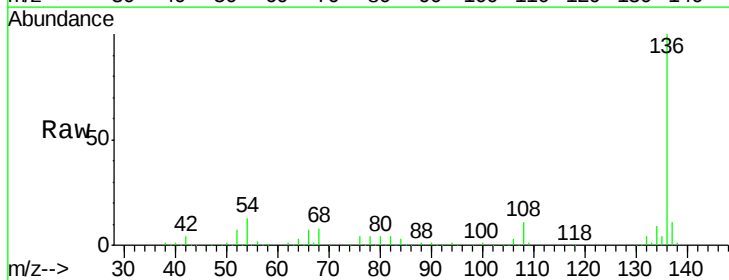
Instrument :
 BNA_F
 ClientSampleId :
 DPA2-PRE-B10DL

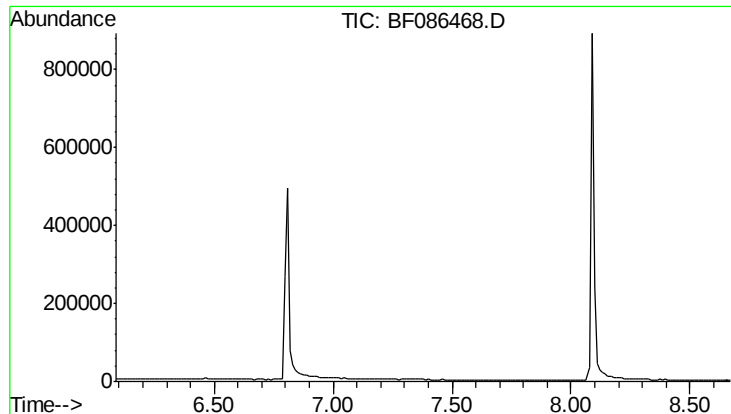
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 17.0
 71 30.7



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: BF086468.D
 Acq: 28 Apr 2016 12:20

Tgt Ion: 136 Resp: 436190
 Ion Ratio Lower Upper
 136 100
 137 11.1 8.8 13.2
 54 12.9 5.0 7.4#
 68 7.9 4.4 6.6#

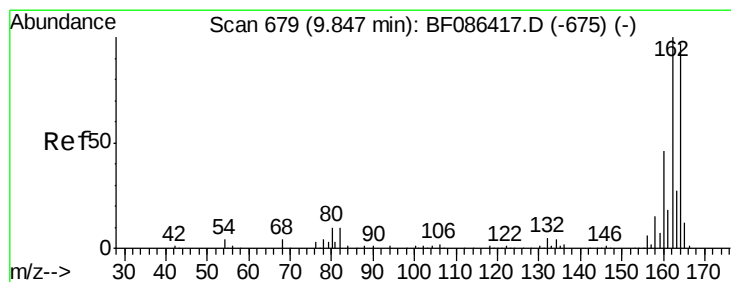
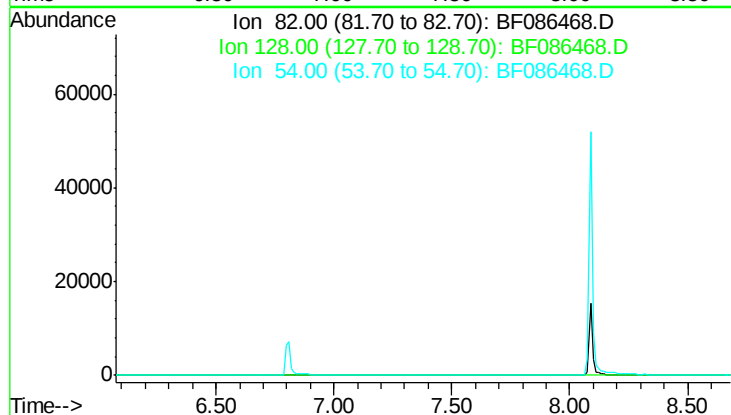




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.38 min
 Lab File: BF086468.D
 Acq: 28 Apr 2016 12:20

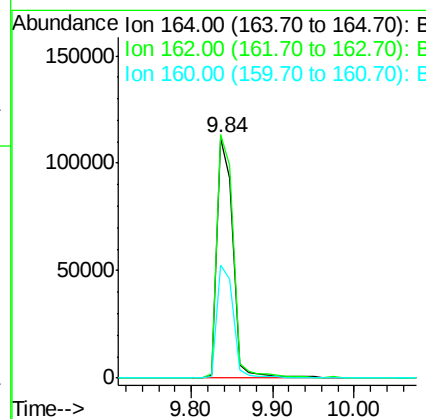
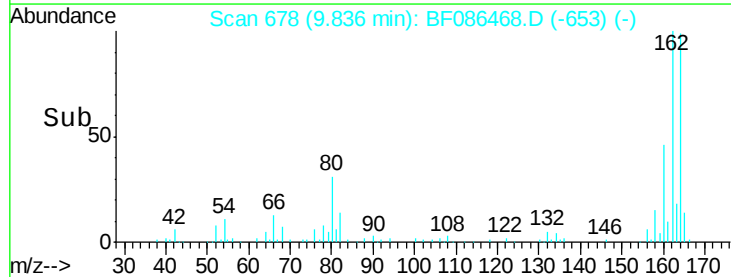
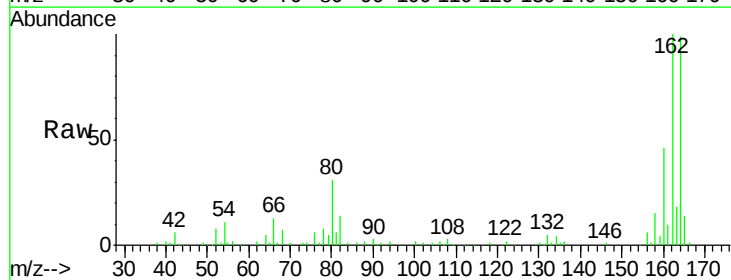
Instrument :
 BNA_F
 ClientSampleId :
 DPA2-PRE-B10DL

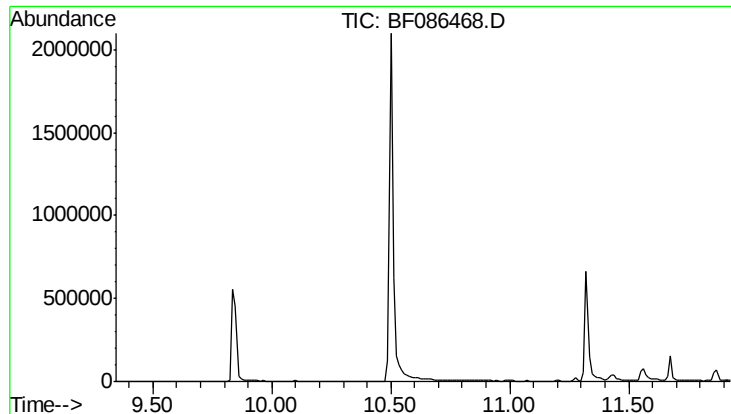
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 50.8
 54 47.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF086468.D
 Acq: 28 Apr 2016 12:20

Tgt Ion:164 Resp: 153973
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.8 124.2
 160 47.0 36.9 55.3

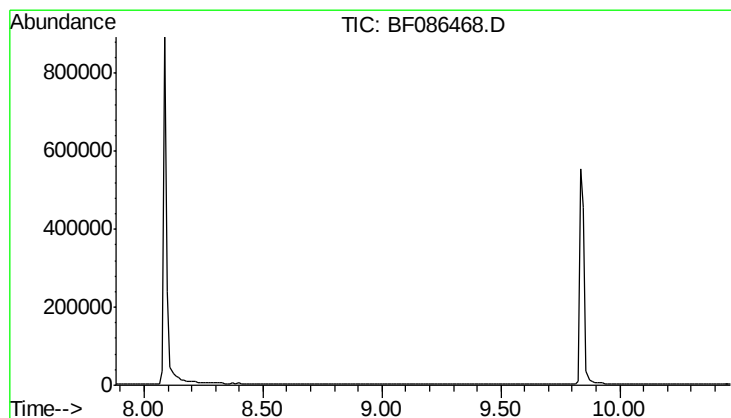
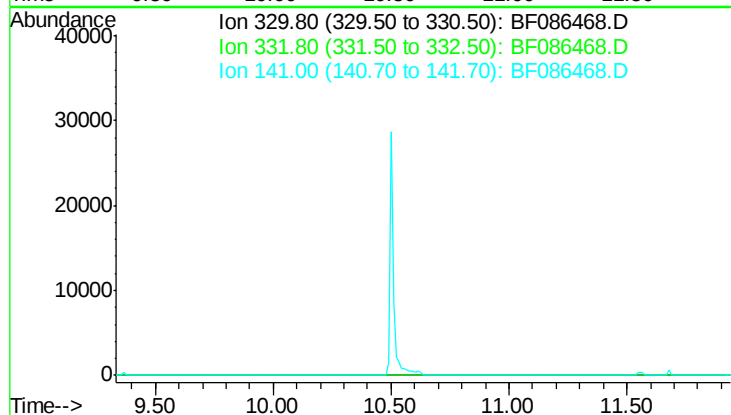




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.64 min
 Lab File: BF086468.D
 Acq: 28 Apr 2016 12:20

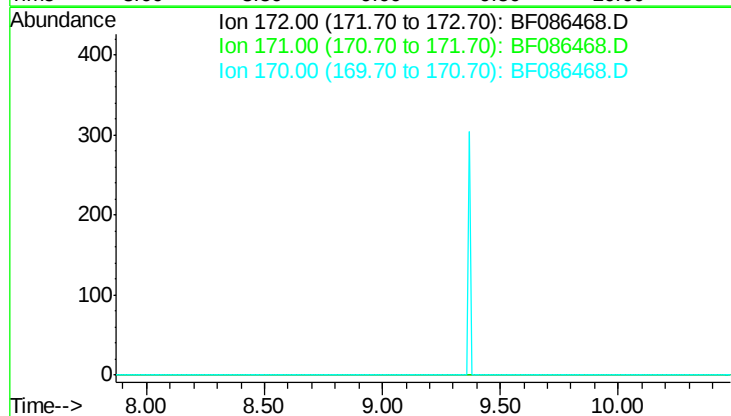
Instrument :
 BNA_F
 ClientSampleId :
 DPA2-PRE-B10DL

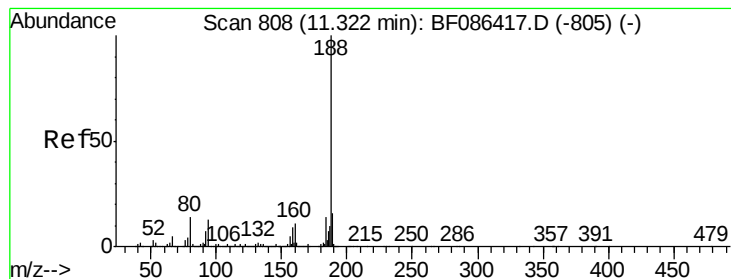
Tot Ion	330	332	141
Sig	100	98.7	39.0
Exp Ratio			



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.17 min
 Lab File: BF086468.D
 Acq: 28 Apr 2016 12:20

Tgt Ion	172	171	170
Sig	100	36.3	24.8
Exp Ratio			





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF086468.D

Acq: 28 Apr 2016 12:20

Instrument :

BNA_F

ClientSampleId :

DPA2-PRE-B10DL

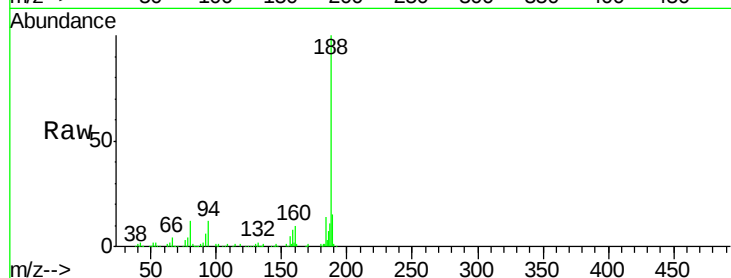
Tot Ion:188 Resp: 280994

Ion Ratio Lower Upper

188 100

94 11.7 6.8 10.2#

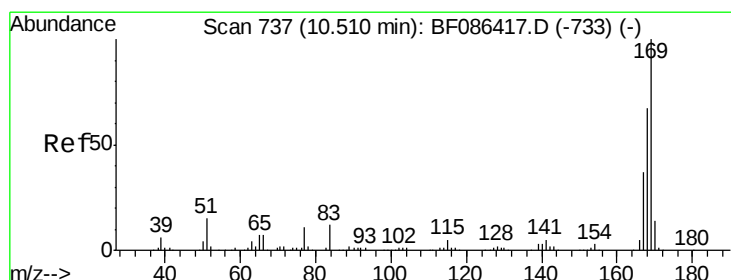
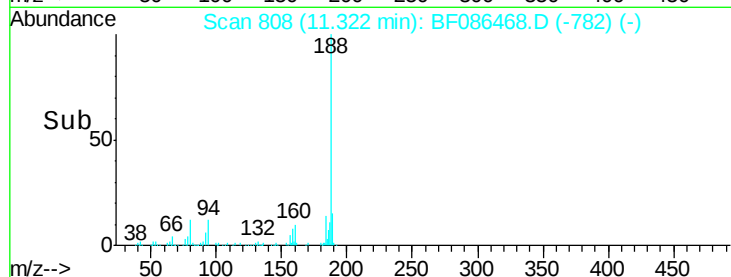
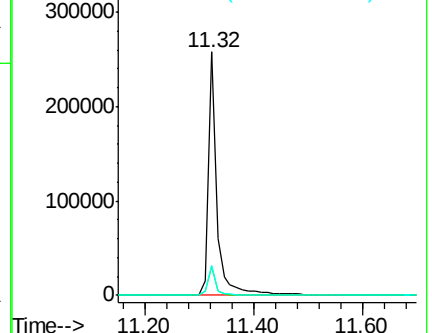
80 12.3 7.1 10.7#



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



#65

n-Nitrosodiphenylamine

Concen: 68.70 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF086468.D

Acq: 28 Apr 2016 12:20

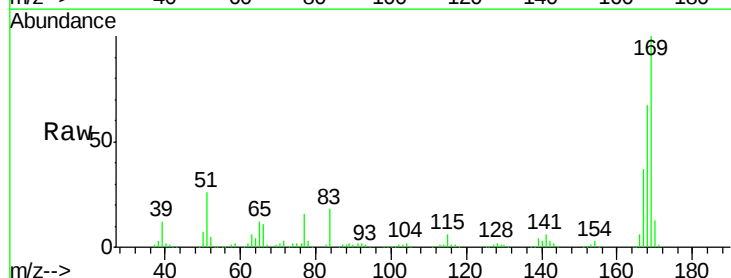
Tgt Ion:169 Resp: 603322

Ion Ratio Lower Upper

169 100

168 66.8 53.8 80.6

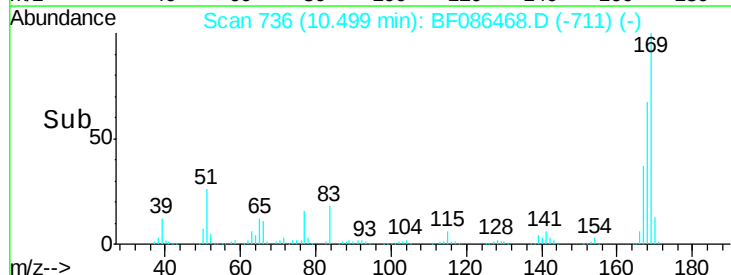
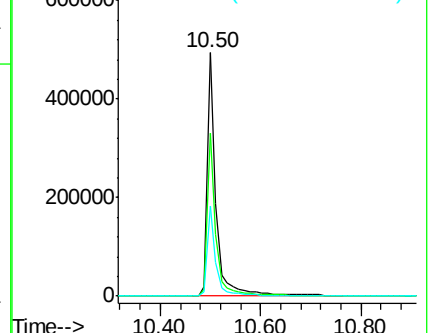
167 37.1 29.5 44.3

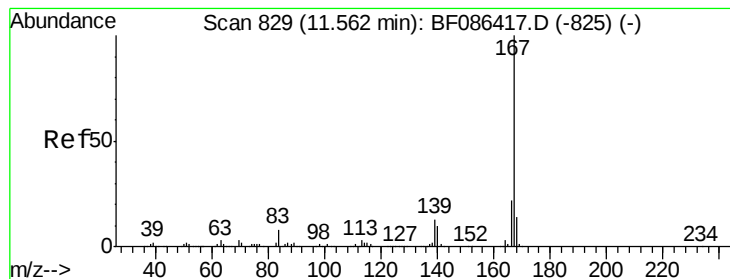


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#72

Carbazole

Concen: 5.19 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF086468.D

Acq: 28 Apr 2016 12:20

Instrument :

BNA_F

ClientSampleId :

DPA2-PRE-B10DL

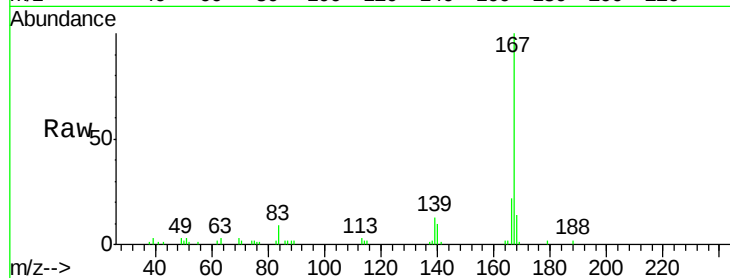
Tot Ion:167 Resp: 72343

Ion Ratio Lower Upper

167 100

166 21.5 17.7 26.5

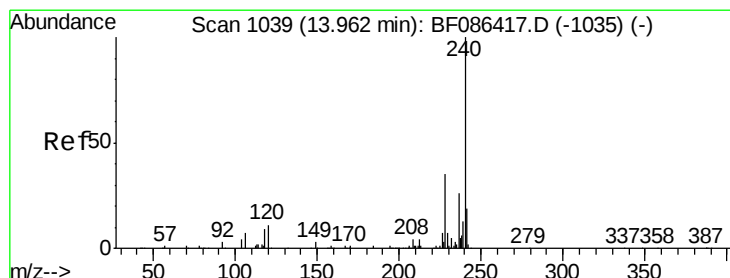
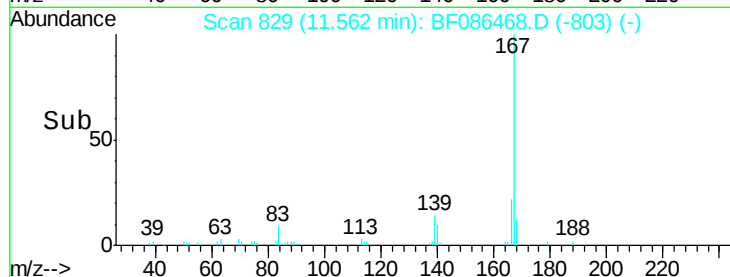
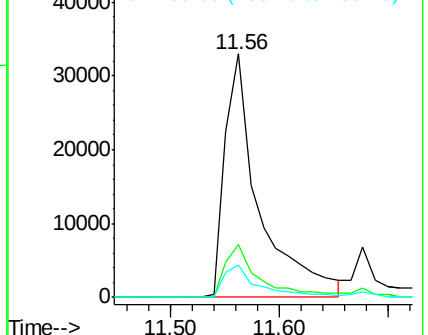
139 13.5 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF086468.D

Acq: 28 Apr 2016 12:20

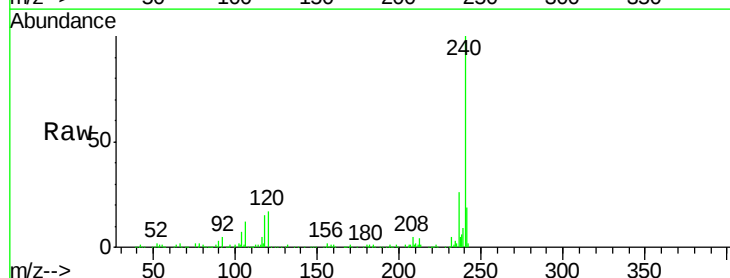
Tgt Ion:240 Resp: 307248

Ion Ratio Lower Upper

240 100

120 16.9 11.2 16.8#

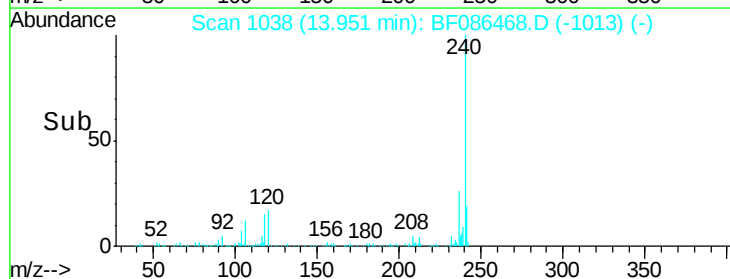
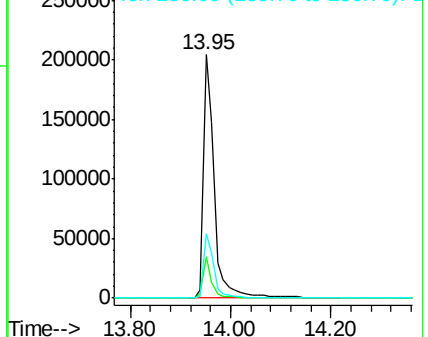
236 26.3 21.2 31.8

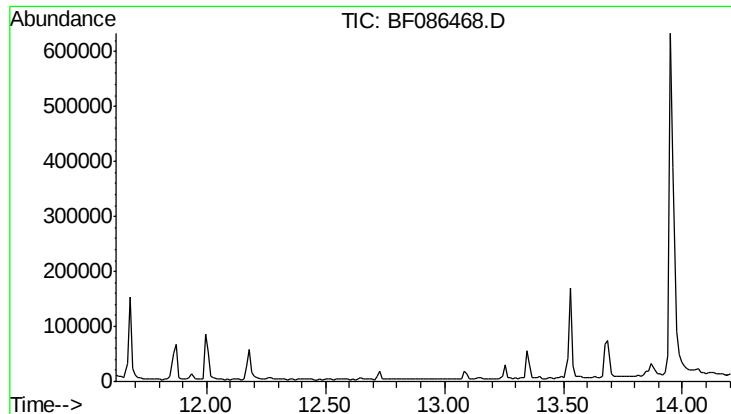


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 12.91 min

Lab File: BF086468.D

Acq: 28 Apr 2016 12:20

Instrument :

BNA_F

ClientSampleId :

DPA2-PRE-B10DL

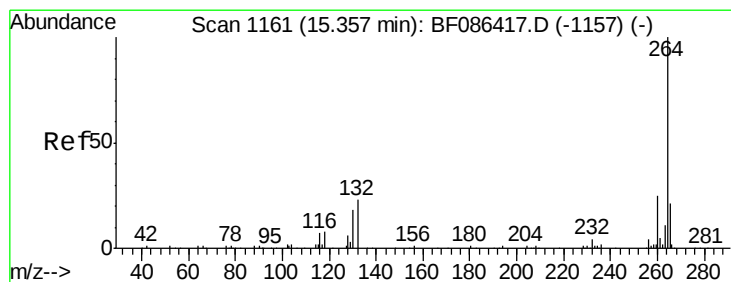
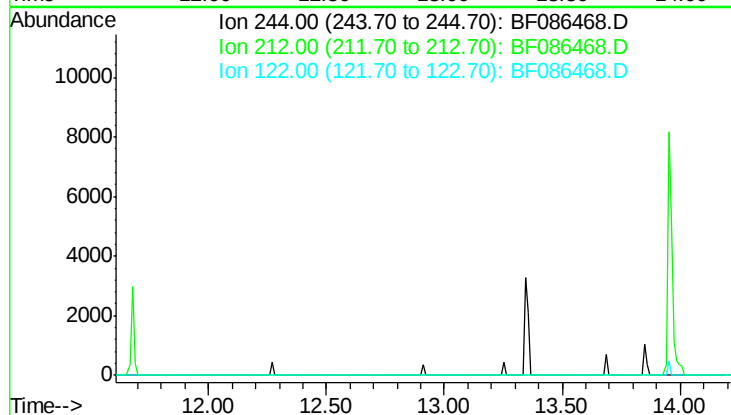
Tot Ion: 244

Sig Exp Ratio

244 100

212 7.7

122 15.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BF086468.D

Acq: 28 Apr 2016 12:20

Tgt Ion: 264 Resp: 211434

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.6 17.3 25.9

