

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086467.D
 Acq On : 28 Apr 2016 11:51
 Operator : UM/SJ
 Sample : H2660-01DL2 750X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB2-PRE-B10DL2

Quant Time: May 04 05:13:17 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	89731	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	377671	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	135380	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	249431	20.00	ng	0.00
75) Chrysene-d12	13.95	240	280586	20.00	ng	-0.01
86) Perylene-d12	15.37	264	191379	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units
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	0d	0.00	ng
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng
78) Terphenyl-d14	0.00	244	0d	0.00	ng

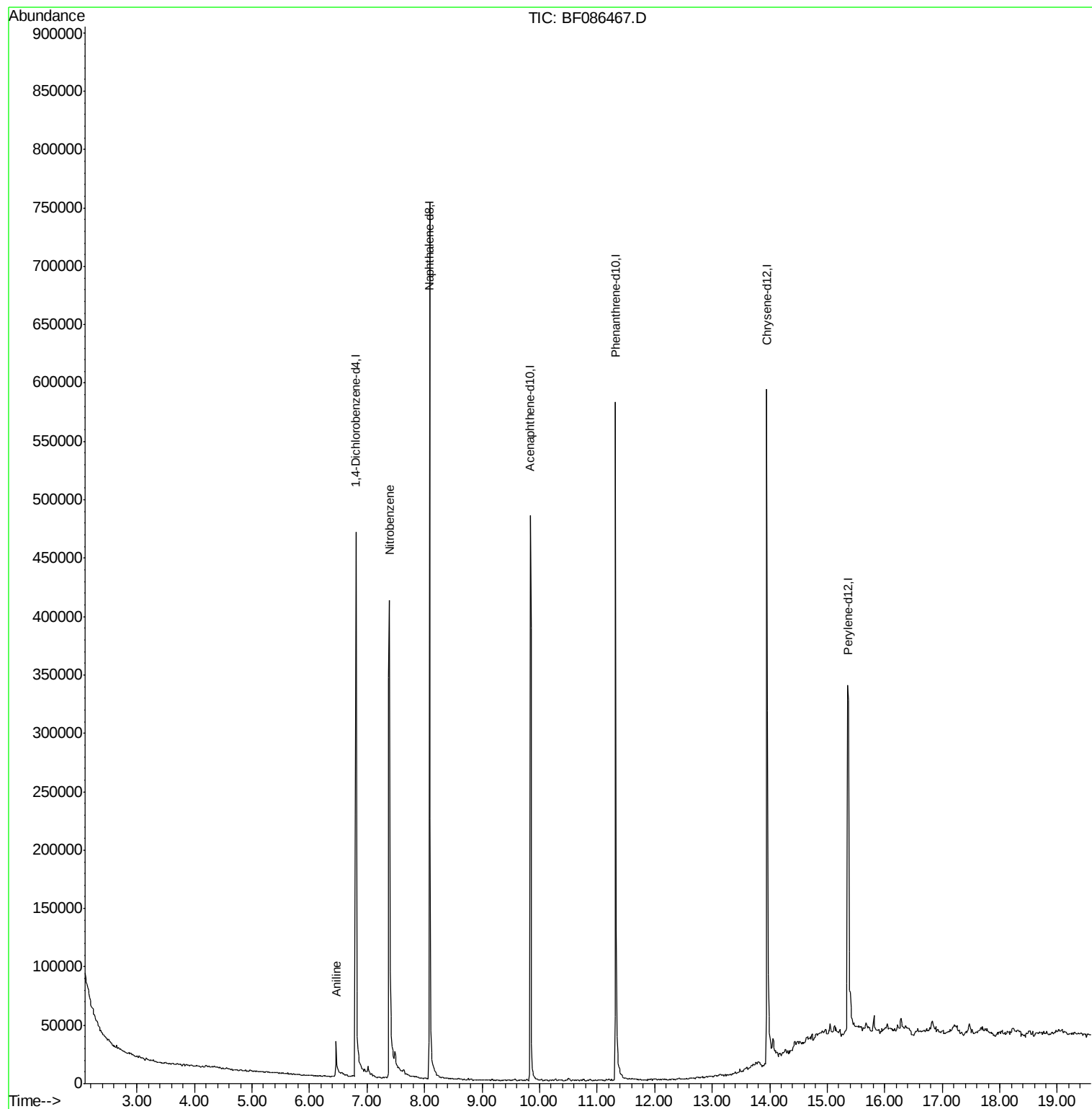
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.46	93	19688	2.24	ng	# 87
24) Nitrobenzene	7.39	77	214365	29.74	ng	# 89

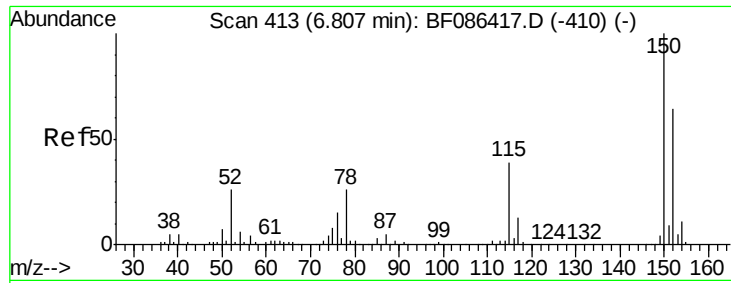
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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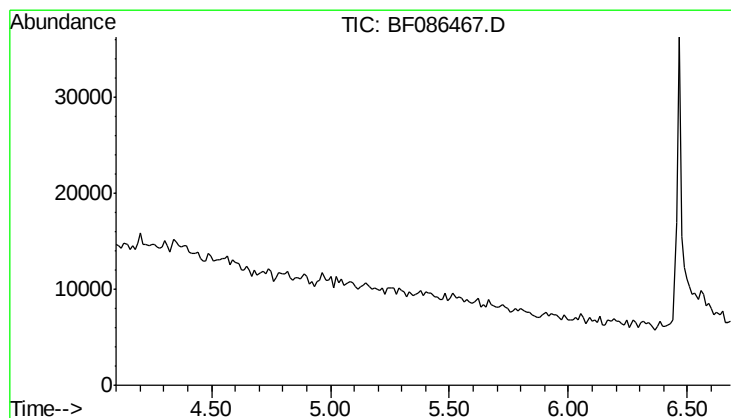
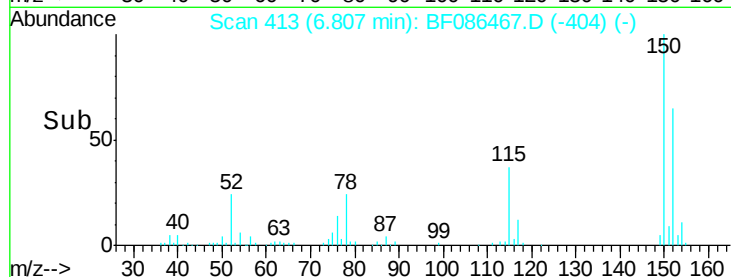
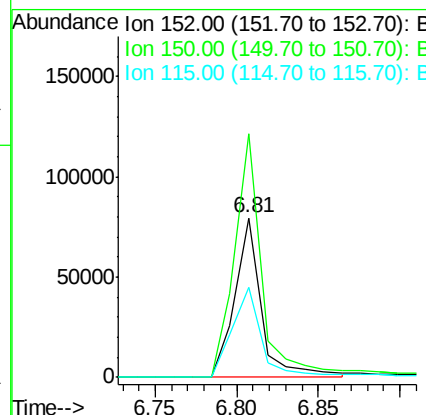
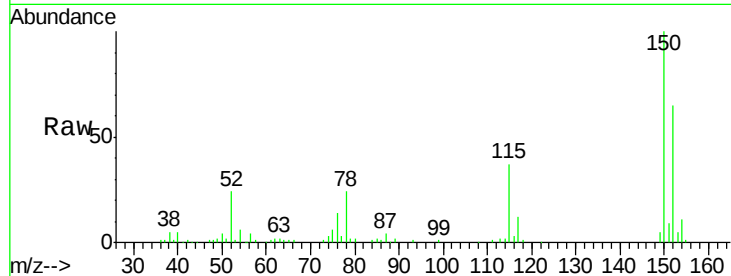




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF086467.D
 Acq: 28 Apr 2016 11:51

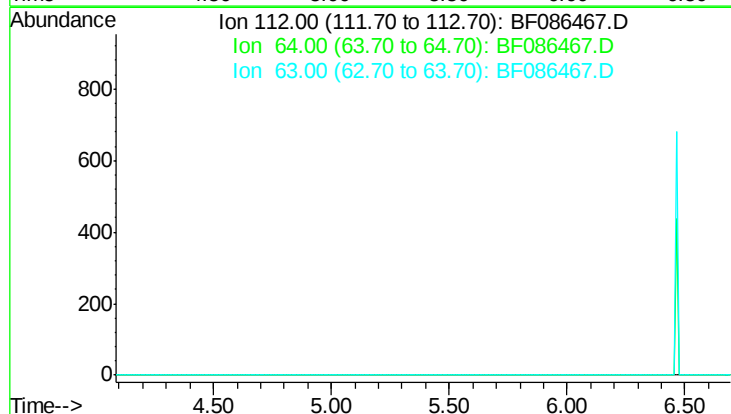
Instrument :
 BNA_F
 ClientSampleId :
 NB2-PRE-B10DL2

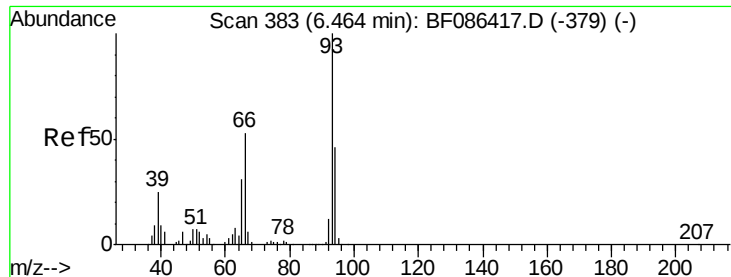
Tot Ion:152 Resp: 89731
 Ion Ratio Lower Upper
 152 100
 150 153.0 125.8 188.6
 115 56.7 51.5 77.3



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.39 min
 Lab File: BF086467.D
 Acq: 28 Apr 2016 11:51

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





#6

Aniline

Concen: 2.24 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF086467.D

Acq: 28 Apr 2016 11:51

Instrument :

BNA_F

ClientSampleId :

NB2-PRE-B10DL2

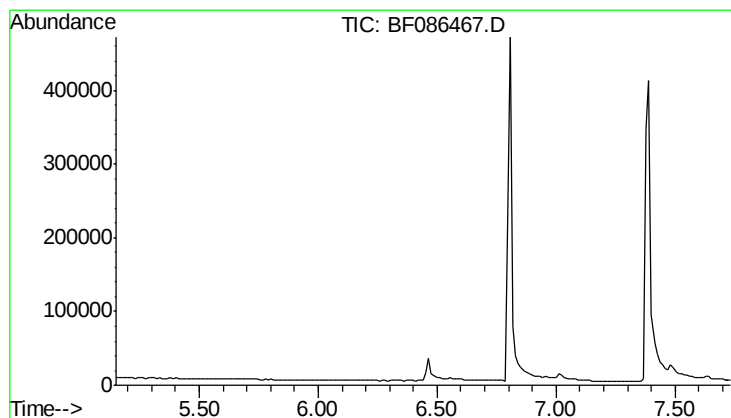
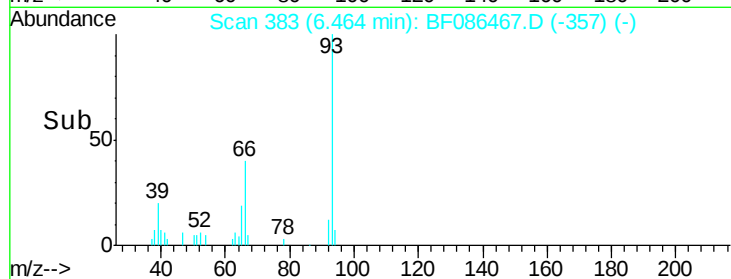
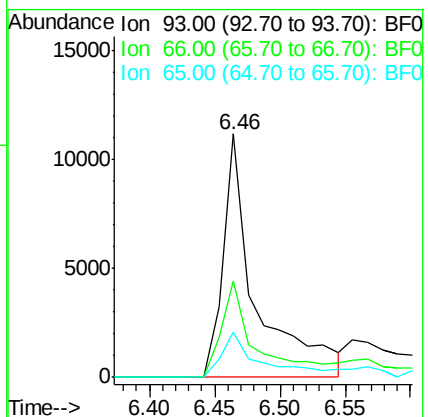
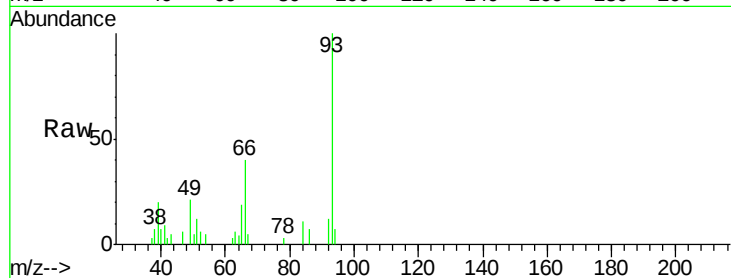
Tot Ion: 93 Resp: 19688

Ion Ratio Lower Upper

93 100

66 39.7 39.0 58.6

65 18.8 20.6 31.0#



#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.44 min

Lab File: BF086467.D

Acq: 28 Apr 2016 11:51

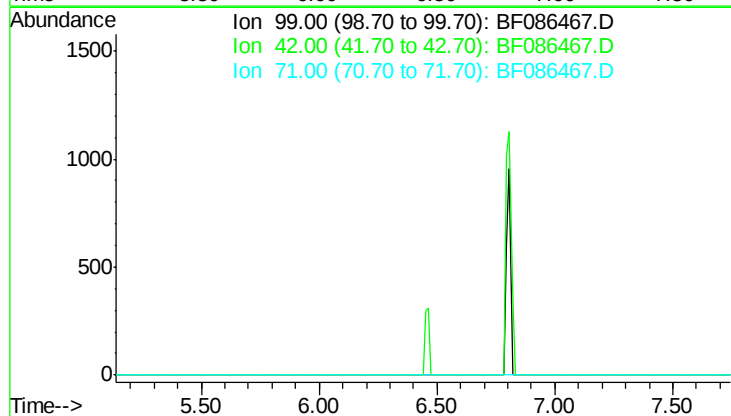
Tgt Ion: 99

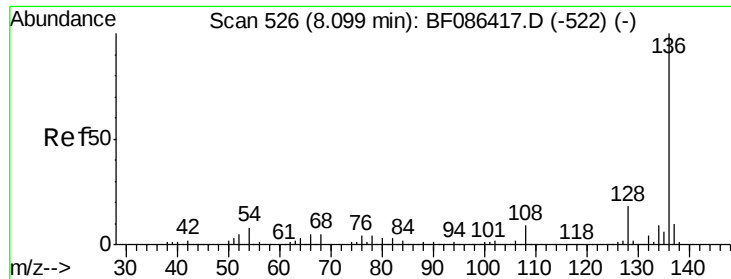
Sig Exp Ratio

99 100

42 17.0

71 30.7

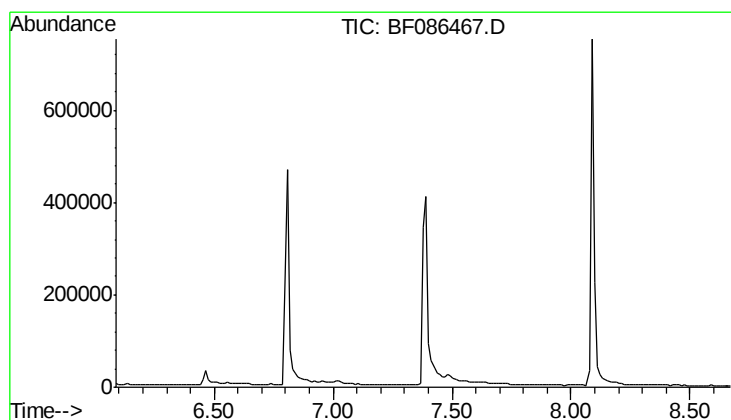
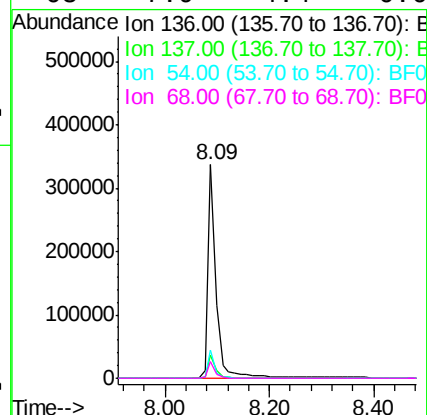
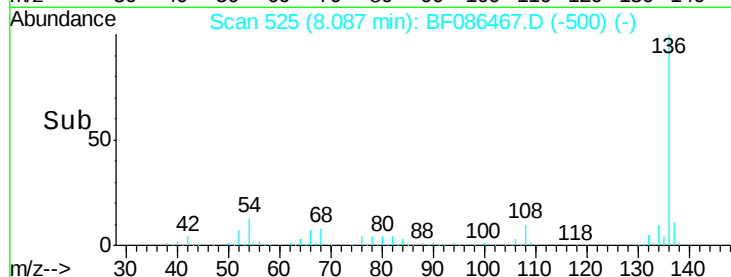
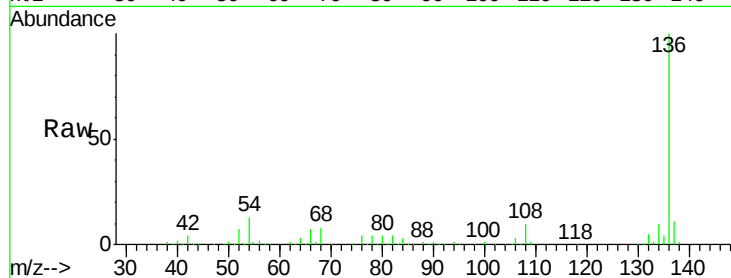




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF086467.D
Acq: 28 Apr 2016 11:51

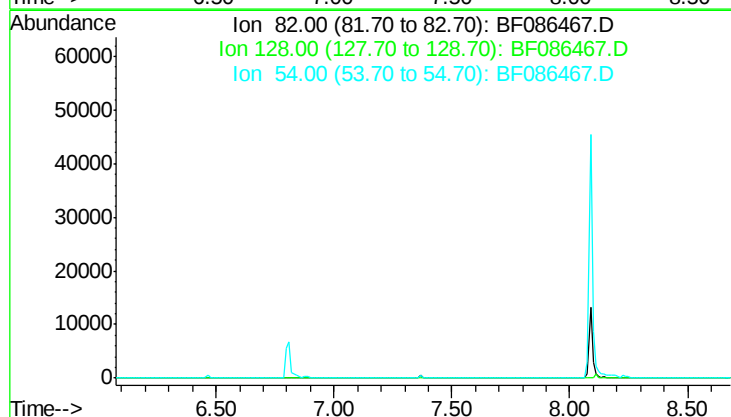
Instrument :
BNA_F
ClientSampleId :
NB2-PRE-B10DL2

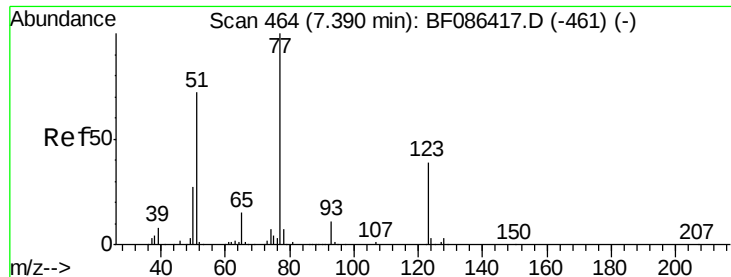
Tot Ion:136 Resp: 377671
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 13.5 5.0 7.4#
68 7.9 4.4 6.6#



#23
Nitrobenzene-d5
Concen: 0.00 ng
Expected RT: 7.38 min
Lab File: BF086467.D
Acq: 28 Apr 2016 11:51

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

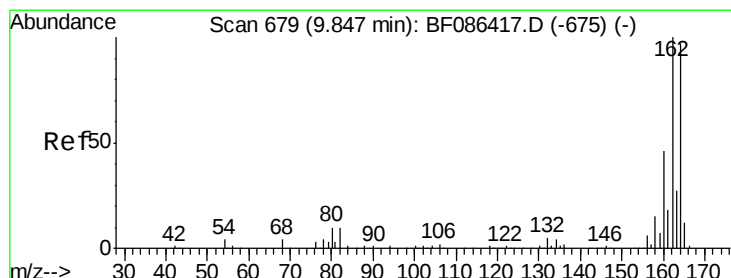
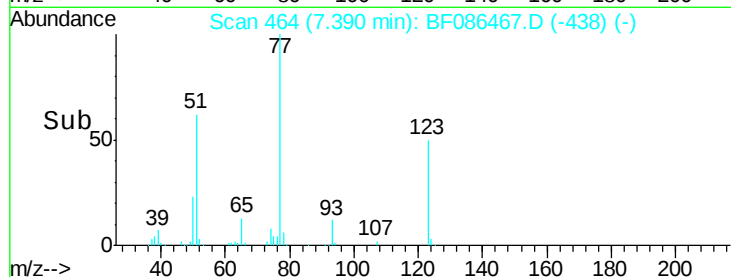
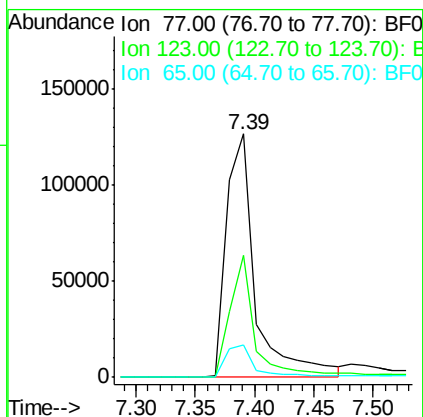
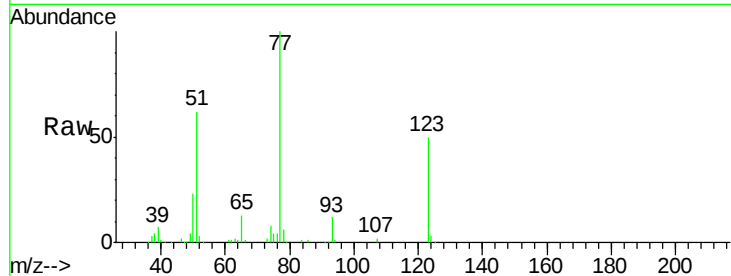




#24
 Nitrobenzene
 Concen: 29.74 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF086467.D
 Acq: 28 Apr 2016 11:51

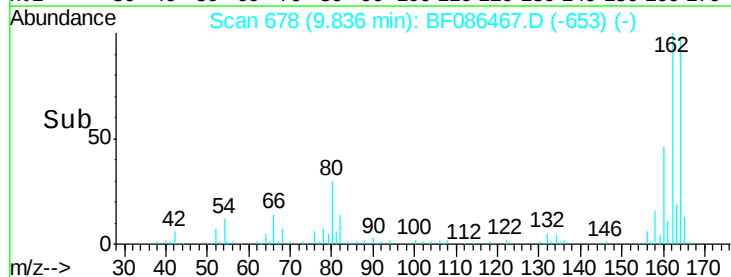
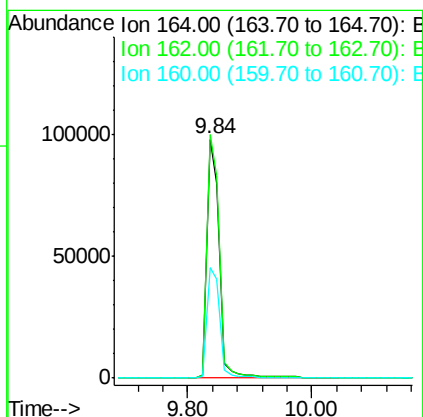
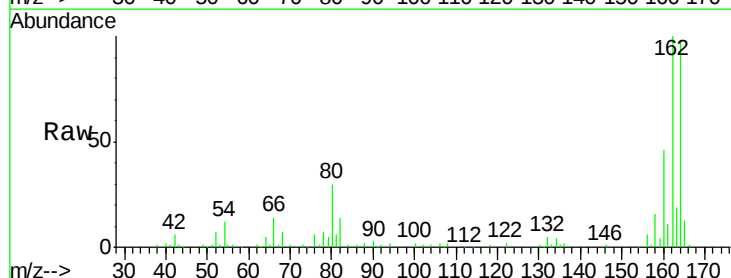
Instrument :
 BNA_F
 ClientSampleId :
 NB2-PRE-B10DL2

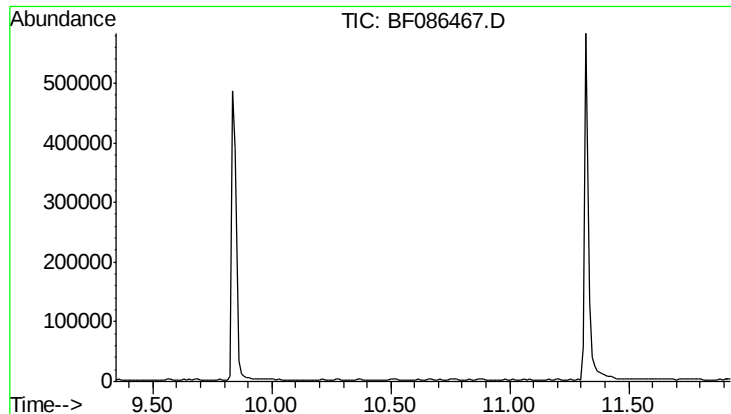
Tot Ion	Ratio	Lower	Upper
77	100		
123	50.0	33.0	49.4#
65	13.5	10.8	16.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF086467.D
 Acq: 28 Apr 2016 11:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.8	124.2
160	46.5	36.9	55.3





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.64 min

Lab File: BF086467.D

Acq: 28 Apr 2016 11:51

Instrument :

BNA_F

ClientSampleId :

NB2-PRE-B10DL2

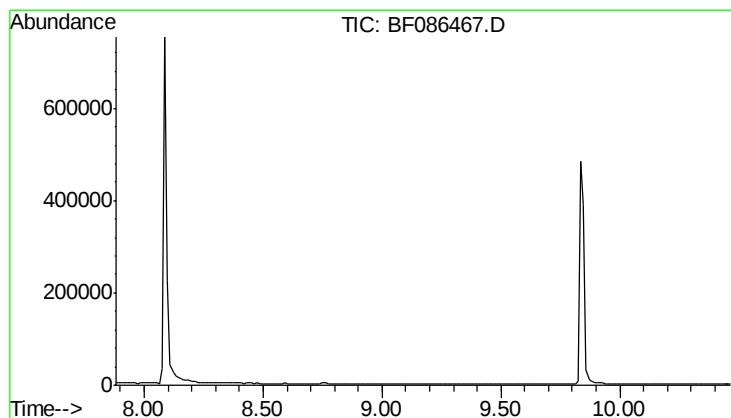
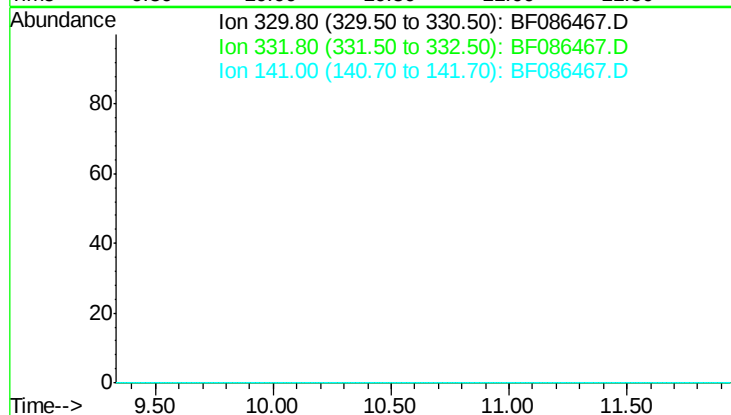
Tot Ion: 330

Sig Exp Ratio

330 100

332 98.7

141 39.0



#44

2-Fluorobiphenyl

Concen: 0.00 ng

Expected RT: 9.17 min

Lab File: BF086467.D

Acq: 28 Apr 2016 11:51

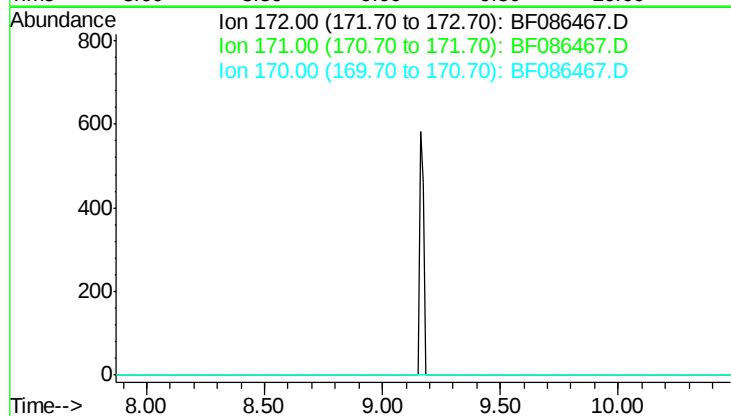
Tgt Ion: 172

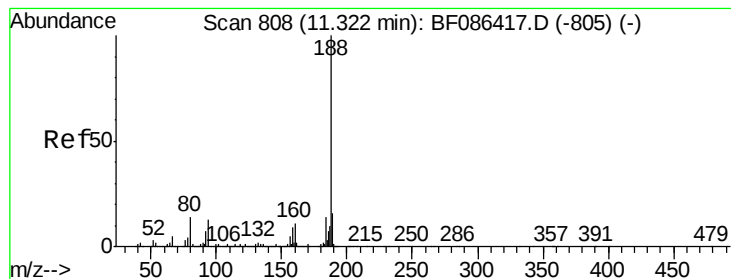
Sig Exp Ratio

172 100

171 36.3

170 24.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF086467.D

Acq: 28 Apr 2016 11:51

Instrument :

BNA_F

ClientSampleId :

NB2-PRE-B10DL2

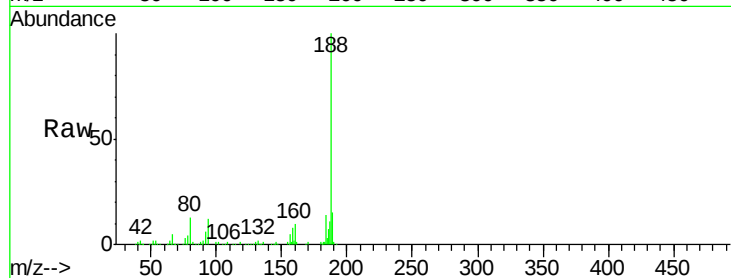
Tot Ion:188 Resp: 249431

Ion Ratio Lower Upper

188 100

94 11.5 6.8 10.2#

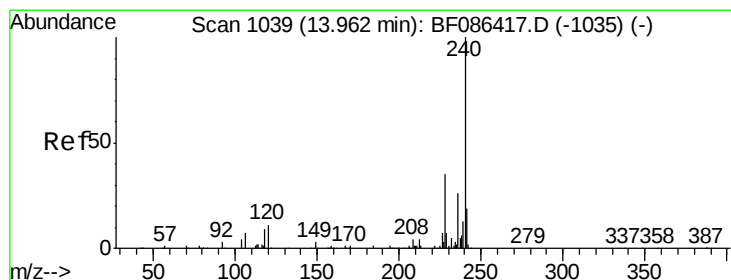
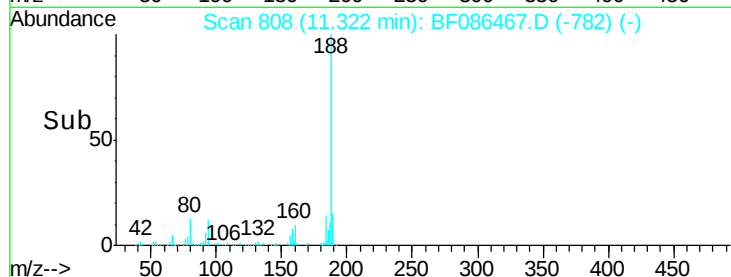
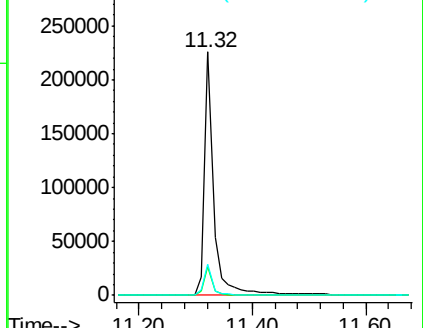
80 12.7 7.1 10.7#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF086467.D

Acq: 28 Apr 2016 11:51

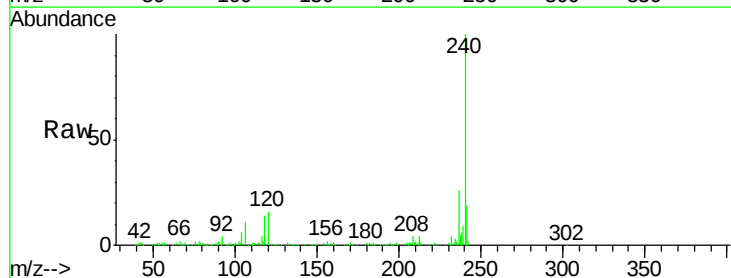
Tgt Ion:240 Resp: 280586

Ion Ratio Lower Upper

240 100

120 16.2 11.2 16.8

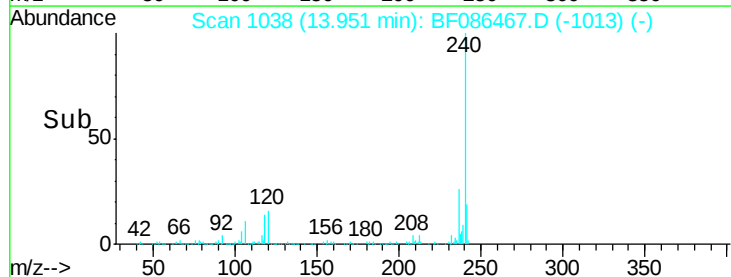
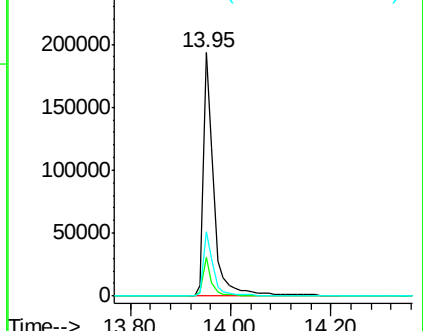
236 26.4 21.2 31.8

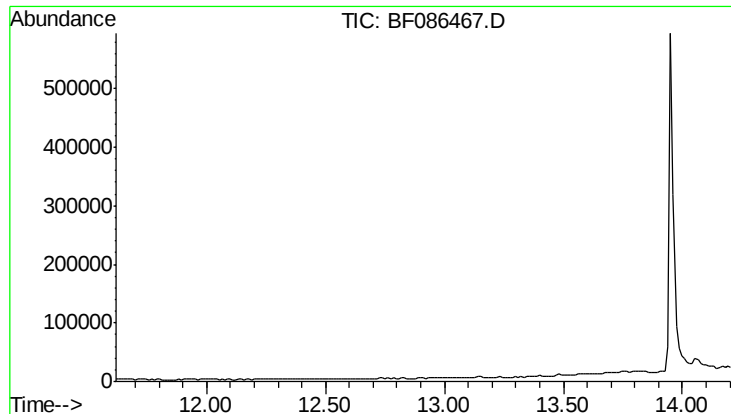


Abundance Ion 240.00 (239.70 to 240.70): E

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: BF086467.D

Acq: 28 Apr 2016 11:51

Instrument :

BNA_F

ClientSampleId :

NB2-PRE-B10DL2

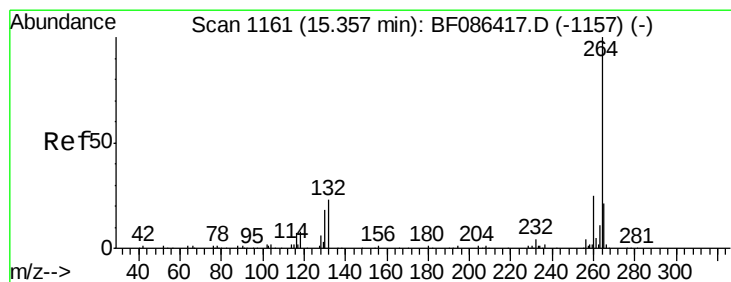
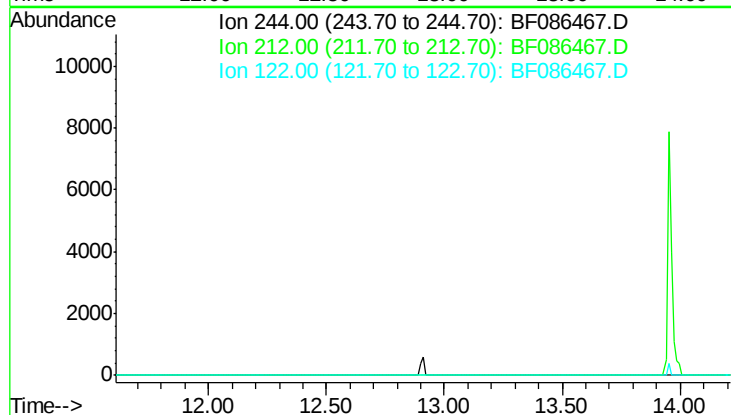
Tot Ion: 244

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: BF086467.D

Acq: 28 Apr 2016 11:51

Tgt Ion: 264 Resp: 191379

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 20.6 17.3 25.9

