

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052015\
 Data File : BF079396.D
 Acq On : 20 May 2015 23:47
 Operator : TP/IZ
 Sample : G2299-04 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB02A(2-2.5)

Quant Time: May 21 01:20:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 05:08:22 2015
 Response via : Initial Calibration

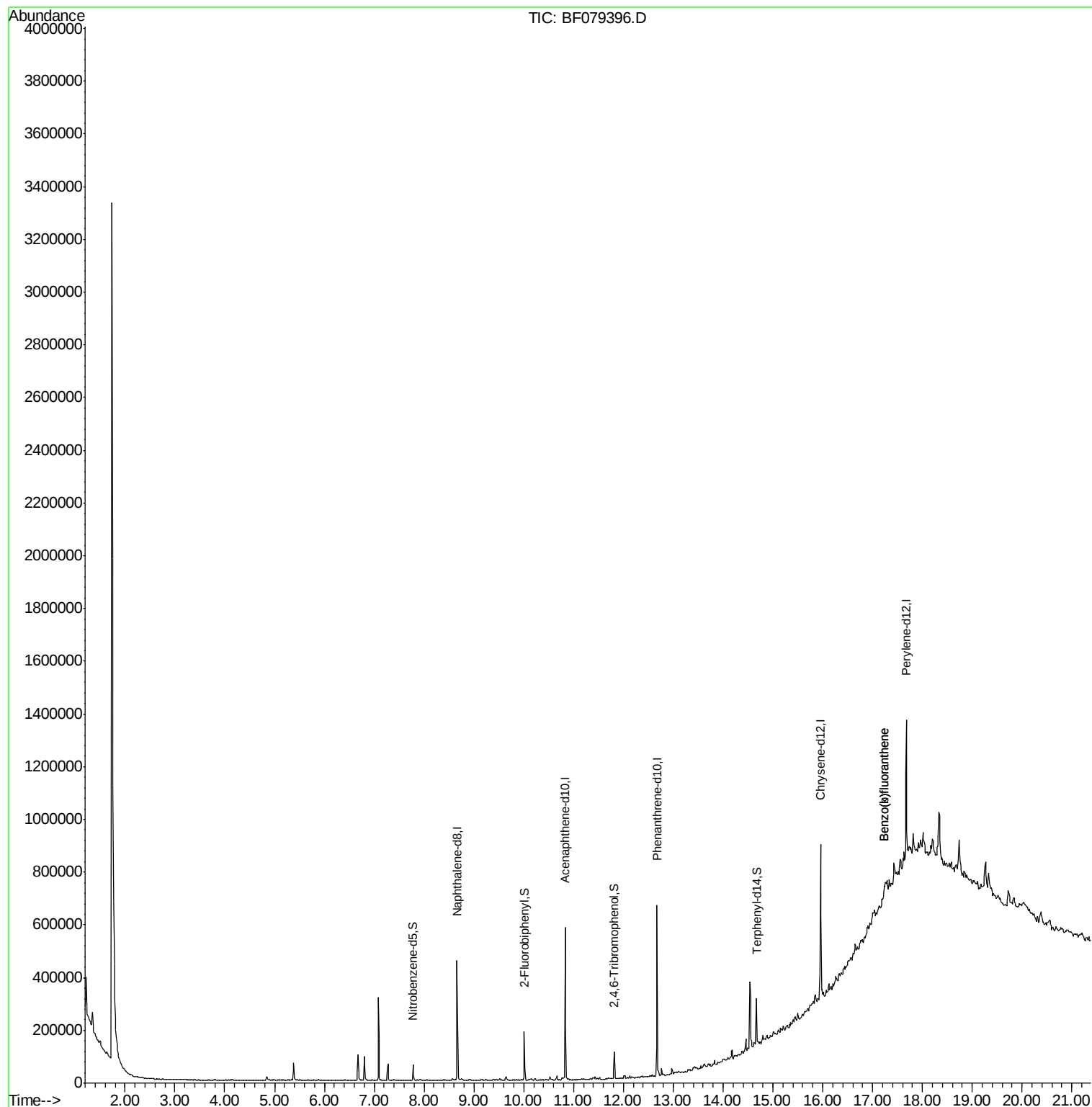
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.13
21) Naphthalene-d8	8.66	136	239624	20.00	ng	-0.05
38) Acenaphthene-d10	10.83	164	122605	20.00	ng	-0.05
63) Phenanthrene-d10	12.67	188	240106	20.00	ng	-0.05
75) Chrysene-d12	15.95	240	252734	20.00	ng	-0.07
86) Perylene-d12	17.68	264	254535	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.67	99	31818	0.00	ng	-0.03
23) Nitrobenzene-d5	7.78	82	19709	4.73	ng	-0.05
41) 2,4,6-Tribromophenol	11.82	330	13386	10.09	ng	-0.05
44) 2-Fluorobiphenyl	10.01	172	57202	6.50	ng	-0.05
78) Terphenyl-d14	14.67	244	78140	7.40	ng	-0.05
Target Compounds						
87) Benzo(b)fluoranthene	17.23	252	30096	2.16	ng	# 61
88) Benzo(k)fluoranthene	17.23	252	30096	2.23	ng	# 58

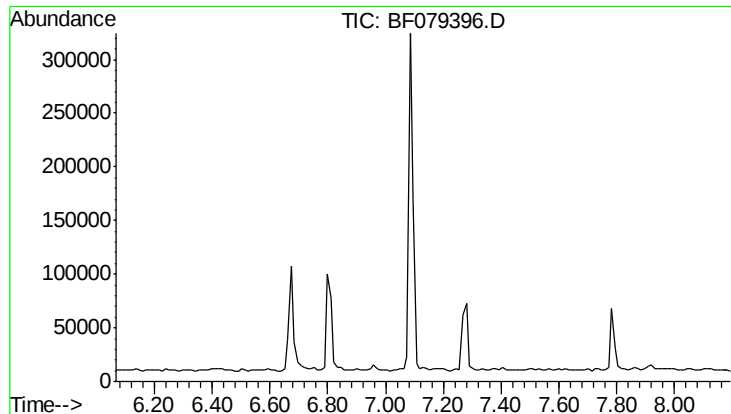
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052015\
Data File : BF079396.D
Acq On : 20 May 2015 23:47
Operator : TP/IZ
Sample : G2299-04 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB02A(2-2.5)

Quant Time: May 21 01:20:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 05:08:22 2015
Response via : Initial Calibration

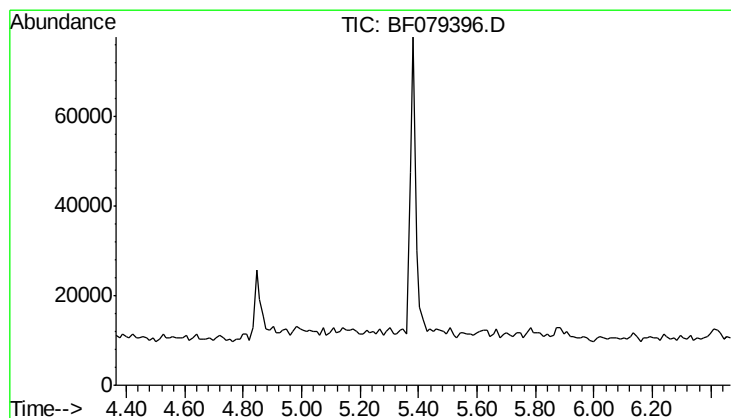
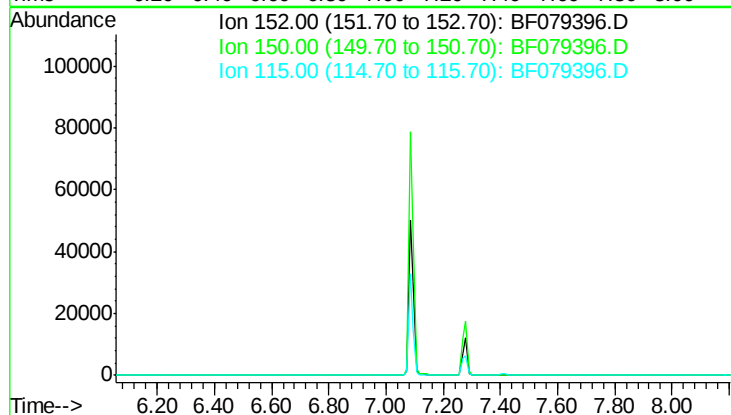




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 7.13 min
 Lab File: BF079396.D
 Acq: 20 May 2015 23:47

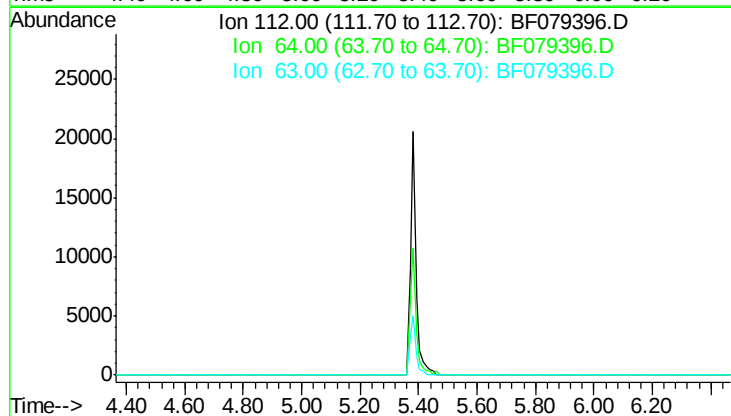
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB02A(2-2.5)

Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 154.8
 115 61.7



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.42 min
 Lab File: BF079396.D
 Acq: 20 May 2015 23:47

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 55.2
 63 28.4





#7

Phenol-d6

Concen: 0.00 ng

RT: 6.67 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF079396.D

Acq: 20 May 2015 23:47

Instrument :

BNA_F

ClientSampleId :

LS-SB02A(2-2.5)

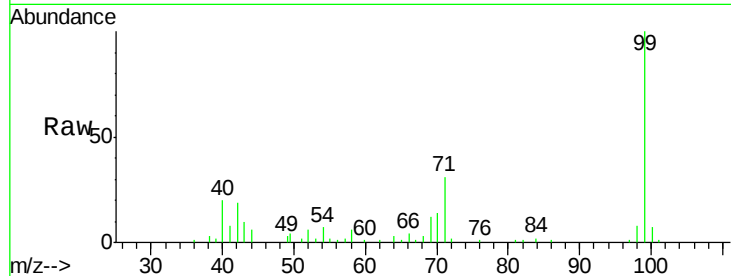
Tgt Ion: 99 Resp: 31818

Ion Ratio Lower Upper

99 100

42 18.7 17.1 25.7

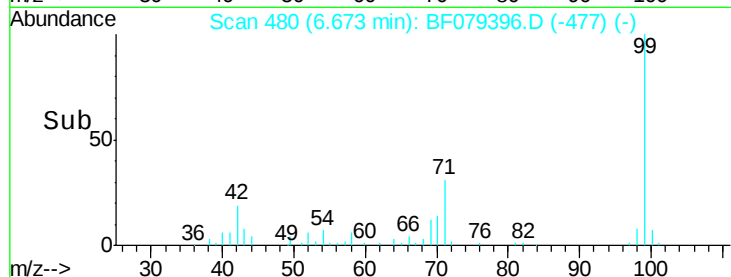
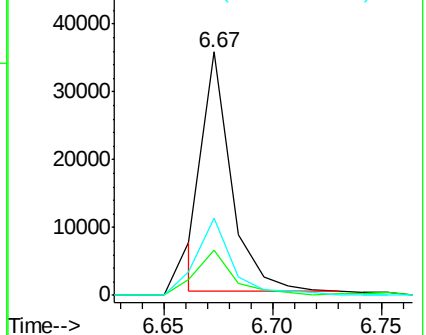
71 31.5 26.3 39.5



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.66 min Scan# 654

Delta R.T. -0.05 min

Lab File: BF079396.D

Acq: 20 May 2015 23:47

Tgt Ion: 136 Resp: 239624

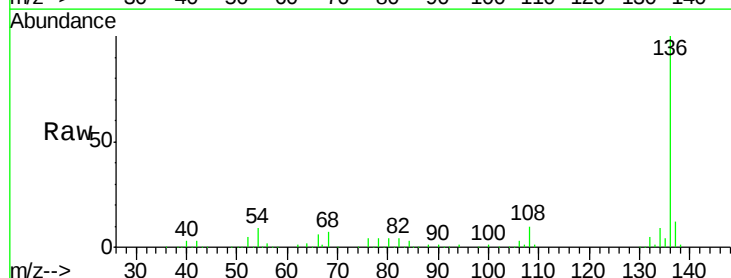
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 9.1 6.9 10.3

68 7.0 4.9 7.3

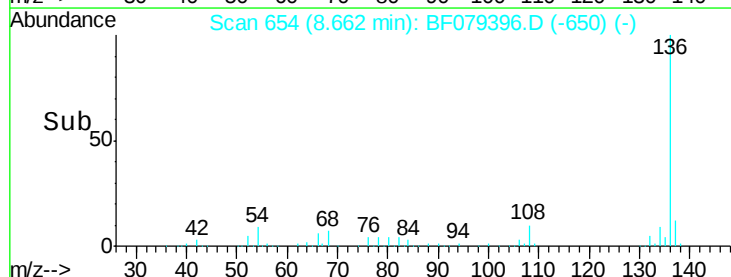
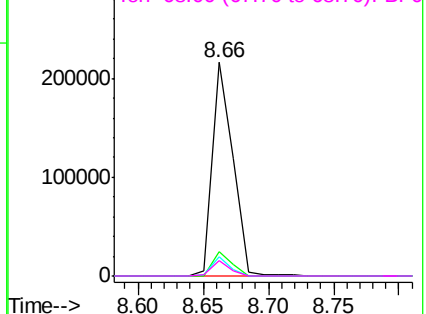


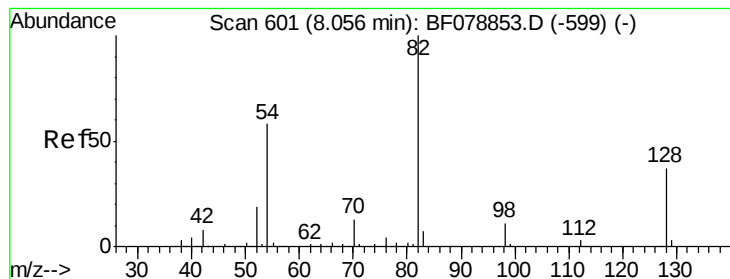
Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.73 ng

RT: 7.78 min Scan# 577

Delta R.T. -0.05 min

Lab File: BF079396.D

Acq: 20 May 2015 23:47

Instrument :

BNA_F

ClientSampleId :

LS-SB02A(2-2.5)

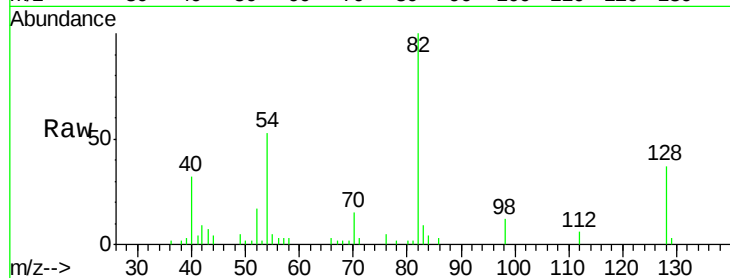
Tgt Ion: 82 Resp: 19709

Ion Ratio Lower Upper

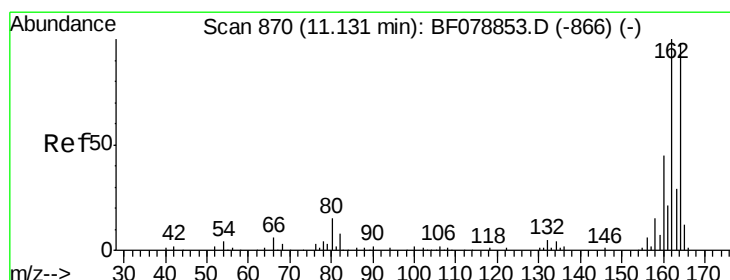
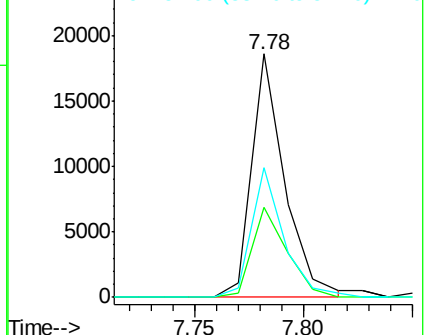
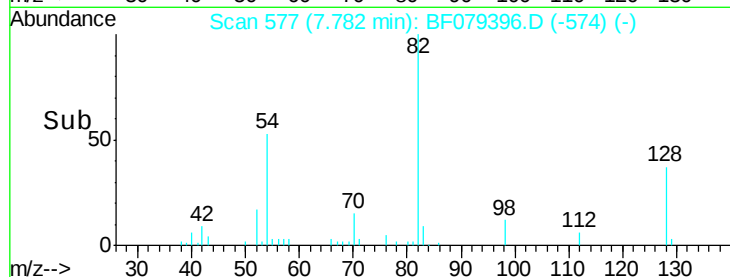
82 100

128 37.1 29.7 44.5

54 53.2 46.2 69.4



Abundance Ion 82.00 (81.70 to 82.70): BF079396.D (-574) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.83 min Scan# 844

Delta R.T. -0.05 min

Lab File: BF079396.D

Acq: 20 May 2015 23:47

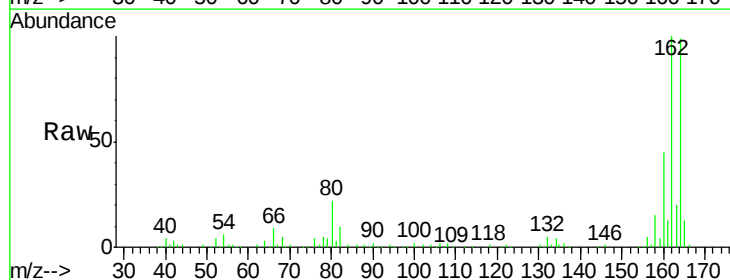
Tgt Ion: 164 Resp: 122605

Ion Ratio Lower Upper

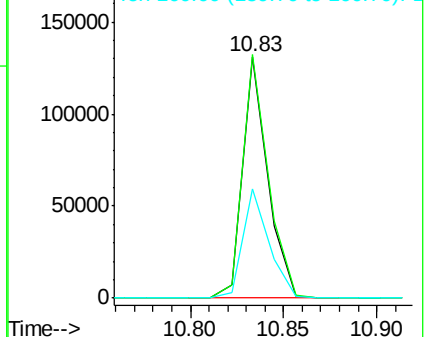
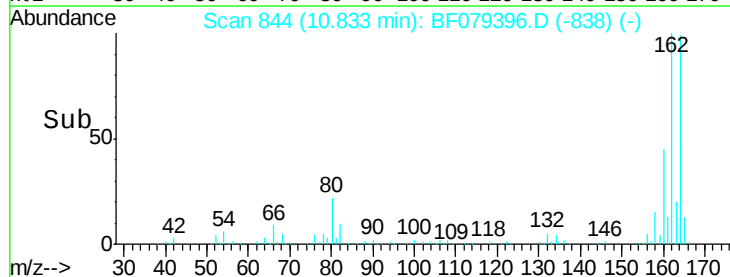
164 100

162 100.8 81.4 122.0

160 45.3 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF079396.D (-838) (-)

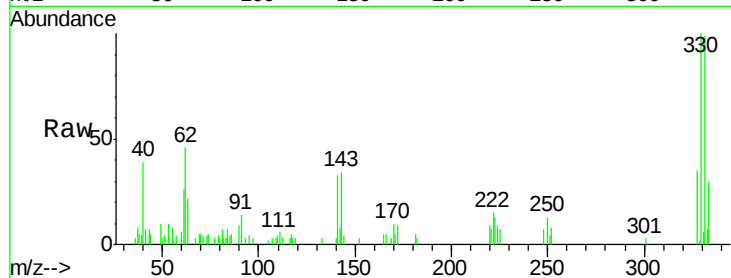




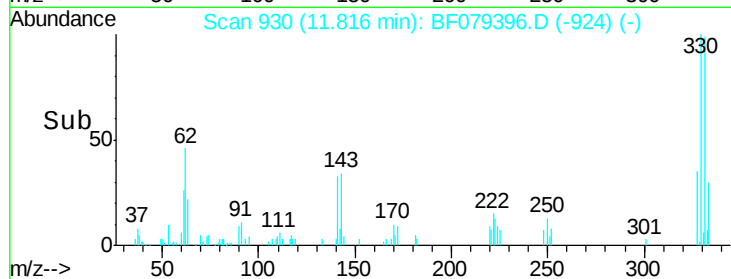
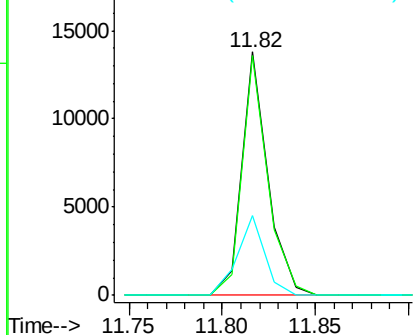
#41
 2,4,6-Tribromophenol
 Concen: 10.09 ng
 RT: 11.82 min Scan# 930
 Delta R.T. -0.05 min
 Lab File: BF079396.D
 Acq: 20 May 2015 23:47

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB02A(2-2.5)

Tgt Ion:330 Resp: 13386
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.9 115.3
 141 35.1 27.8 41.8

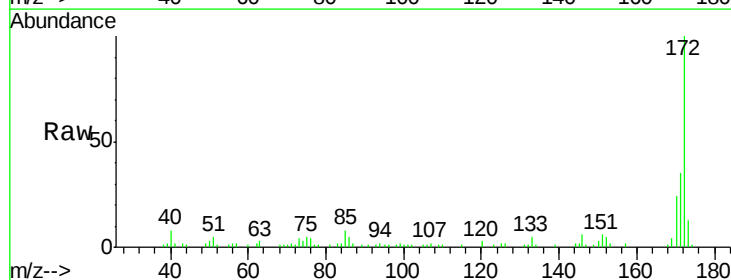


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

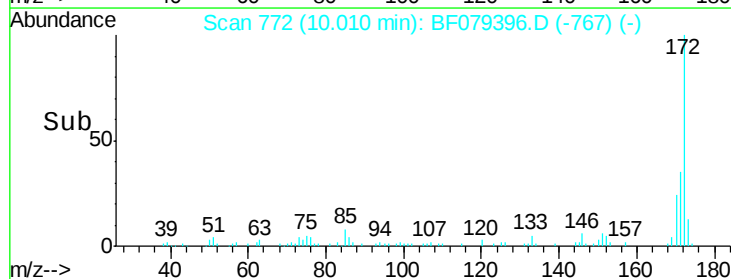
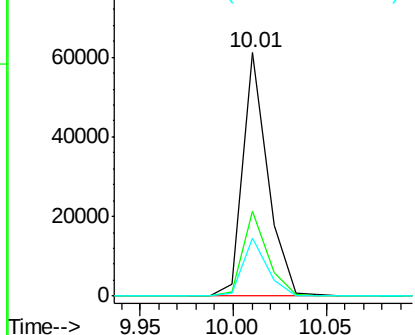


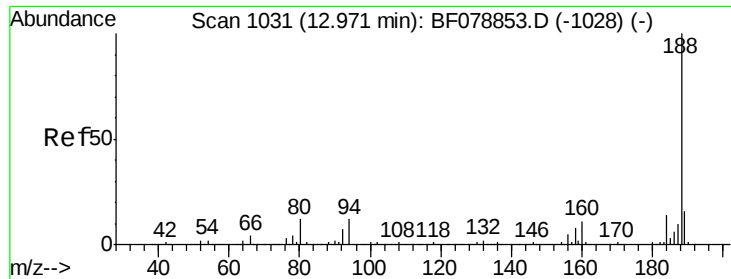
#44
 2-Fluorobiphenyl
 Concen: 6.50 ng
 RT: 10.01 min Scan# 772
 Delta R.T. -0.05 min
 Lab File: BF079396.D
 Acq: 20 May 2015 23:47

Tgt Ion:172 Resp: 57202
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.3 42.5
 170 23.7 19.4 29.2



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

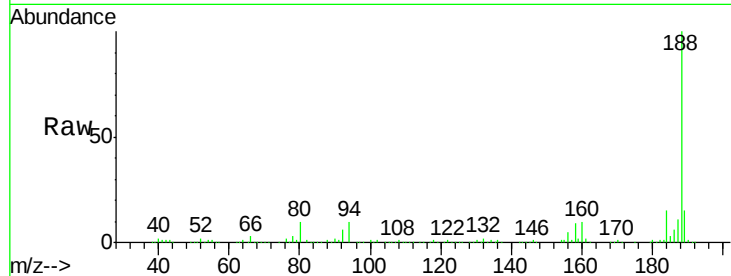




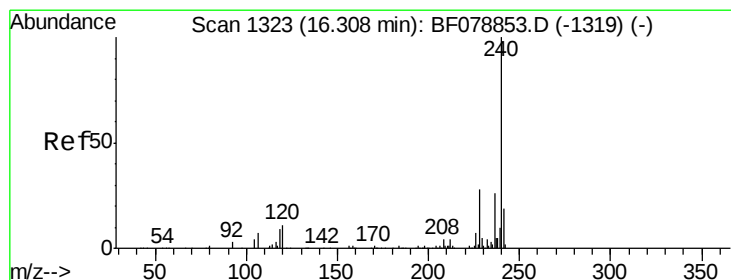
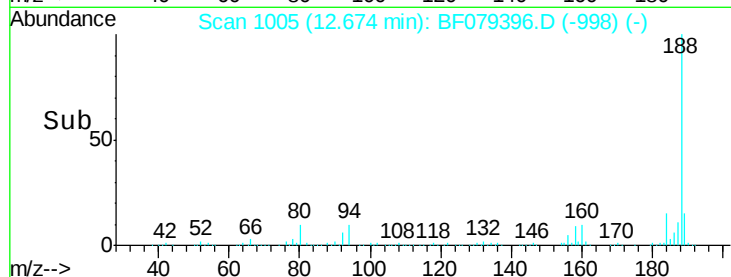
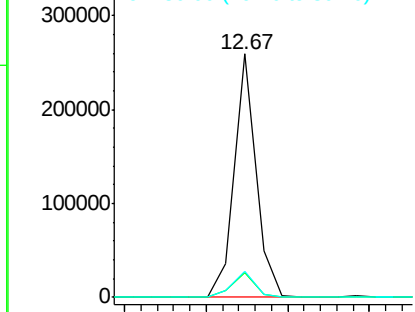
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1005
Delta R.T. -0.05 min
Lab File: BF079396.D
Acq: 20 May 2015 23:47

Instrument :
BNA_F
ClientSampleId :
LS-SB02A(2-2.5)

Tgt Ion:188 Resp: 240106
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.0
80 10.5 9.8 14.6

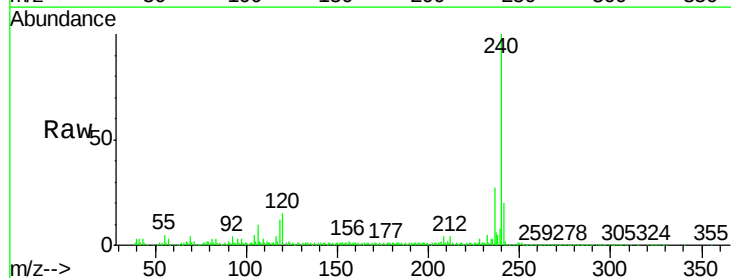


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

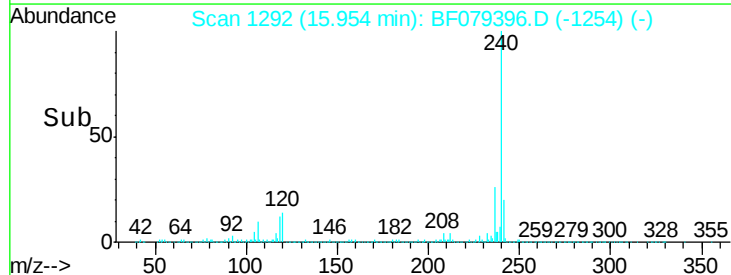
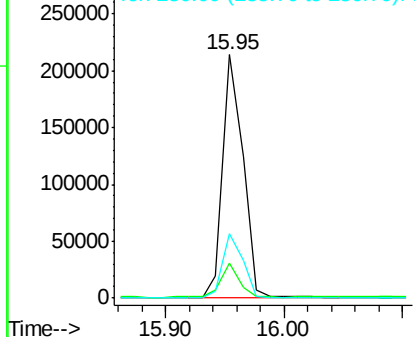


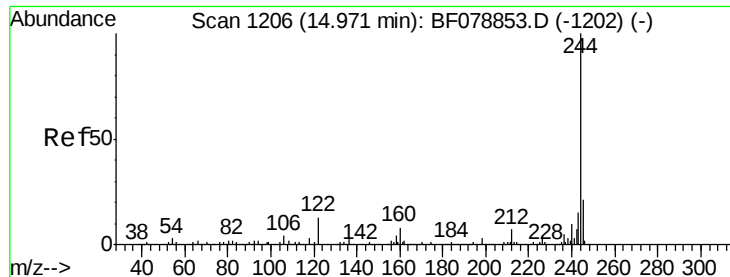
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1292
Delta R.T. -0.07 min
Lab File: BF079396.D
Acq: 20 May 2015 23:47

Tgt Ion:240 Resp: 252734
Ion Ratio Lower Upper
240 100
120 14.5 8.6 12.8#
236 26.5 21.0 31.6



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: 7.40 ng

RT: 14.67 min Scan# 1180

Delta R.T. -0.05 min

Lab File: BF079396.D

Acq: 20 May 2015 23:47

Instrument :

BNA_F

ClientSampleId :

LS-SB02A(2-2.5)

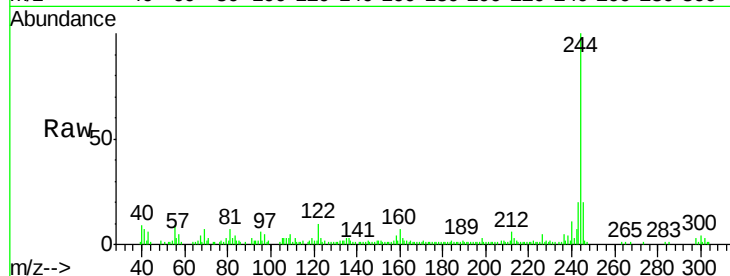
Tgt Ion:244 Resp: 78140

Ion Ratio Lower Upper

244 100

212 6.1 5.6 8.4

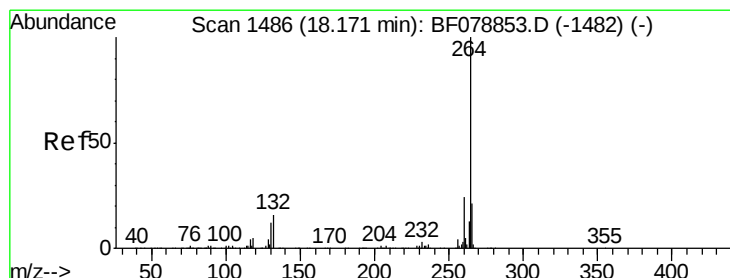
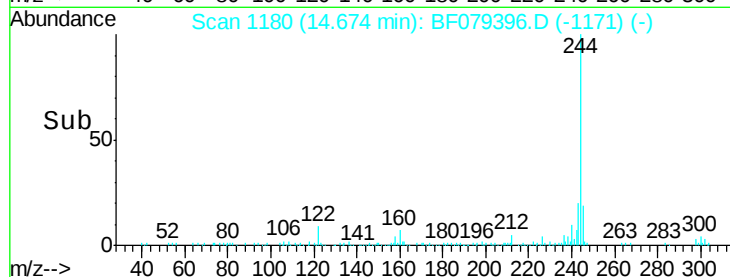
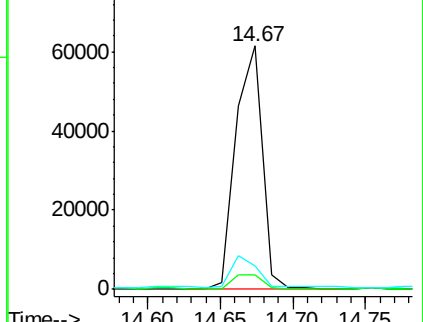
122 9.5 10.5 15.7#



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: 17.68 min Scan# 1443

Delta R.T. -0.14 min

Lab File: BF079396.D

Acq: 20 May 2015 23:47

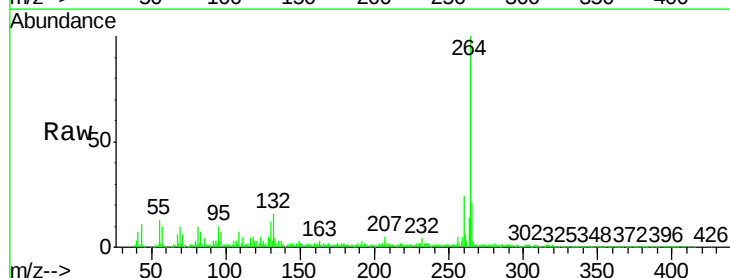
Tgt Ion:264 Resp: 254535

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

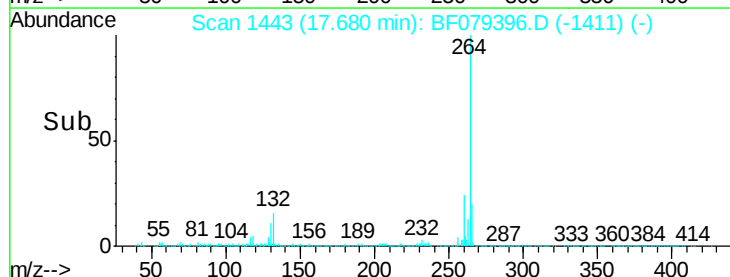
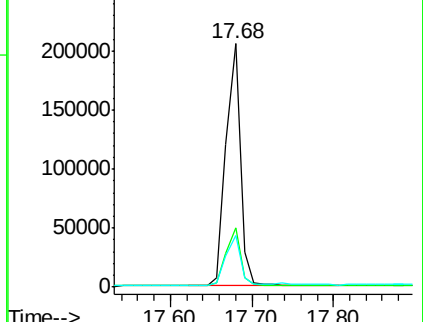
265 21.1 17.2 25.8

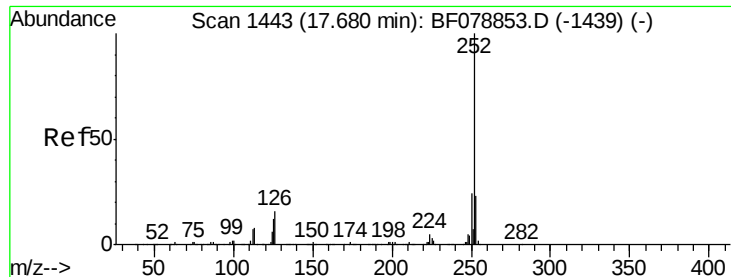


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.16 ng

RT: 17.23 min Scan# 1404

Delta R.T. -0.11 min

Lab File: BF079396.D

Acq: 20 May 2015 23:47

Instrument :

BNA_F

ClientSampleId :

LS-SB02A(2-2.5)

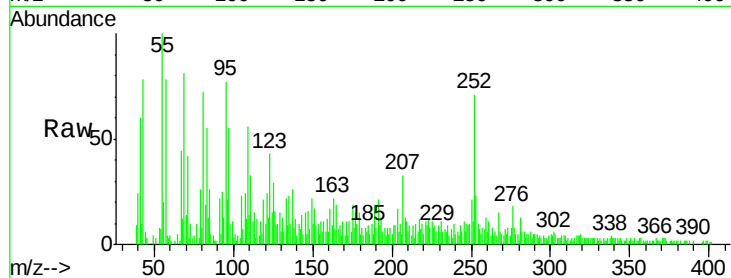
Tgt Ion:252 Resp: 30096

Ion Ratio Lower Upper

252 100

253 32.2 18.1 27.1#

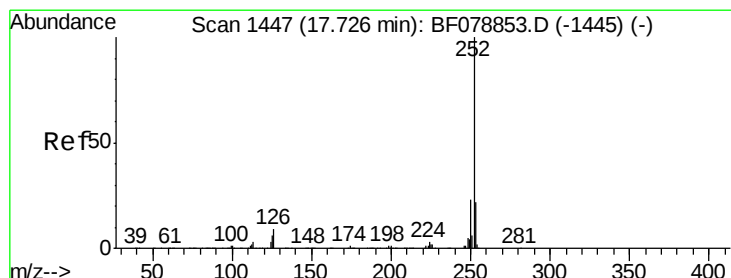
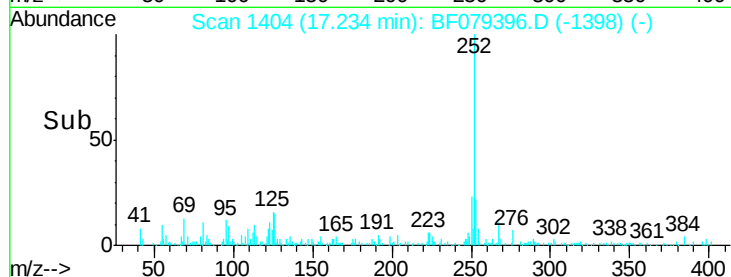
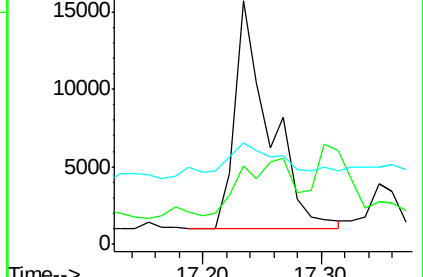
125 41.5 9.4 14.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.23 ng

RT: 17.23 min Scan# 1404

Delta R.T. -0.15 min

Lab File: BF079396.D

Acq: 20 May 2015 23:47

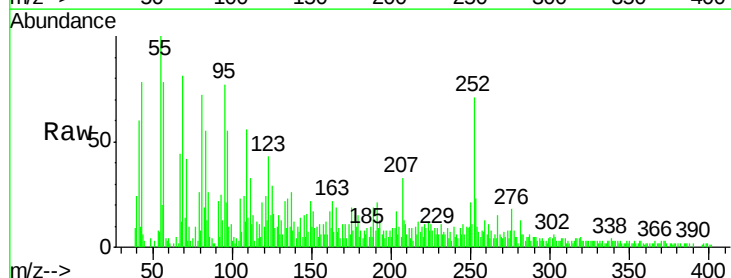
Tgt Ion:252 Resp: 30096

Ion Ratio Lower Upper

252 100

253 32.2 17.4 26.0#

125 41.5 6.1 9.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

