

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094400.D
 Acq On : 13 Apr 2017 19:45
 Operator : SJ/MA
 Sample : I2671-06 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-15-M-18

Quant Time: Apr 14 02:20:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 01:21:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	146415	20.00	ng	-0.05
21) Naphthalene-d8	7.29	136	594659	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	258488	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	390665	20.00	ng	-0.04
75) Chrysene-d12	14.50	240	369199	20.00	ng	-0.05
86) Perylene-d12	16.12	264	263502	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	1977	0.23	ng	-0.04
7) Phenol-d6	5.42	99	2449	0.23	ng	-0.05
23) Nitrobenzene-d5	6.43	82	6412	0.62	ng	-0.06
41) 2,4,6-Tribromophenol	10.40	330	1905	0.93	ng	-0.05
44) 2-Fluorobiphenyl	8.60	172	17738	1.05	ng	-0.05
78) Terphenyl-d14	13.23	244	14788	0.90	ng	-0.05

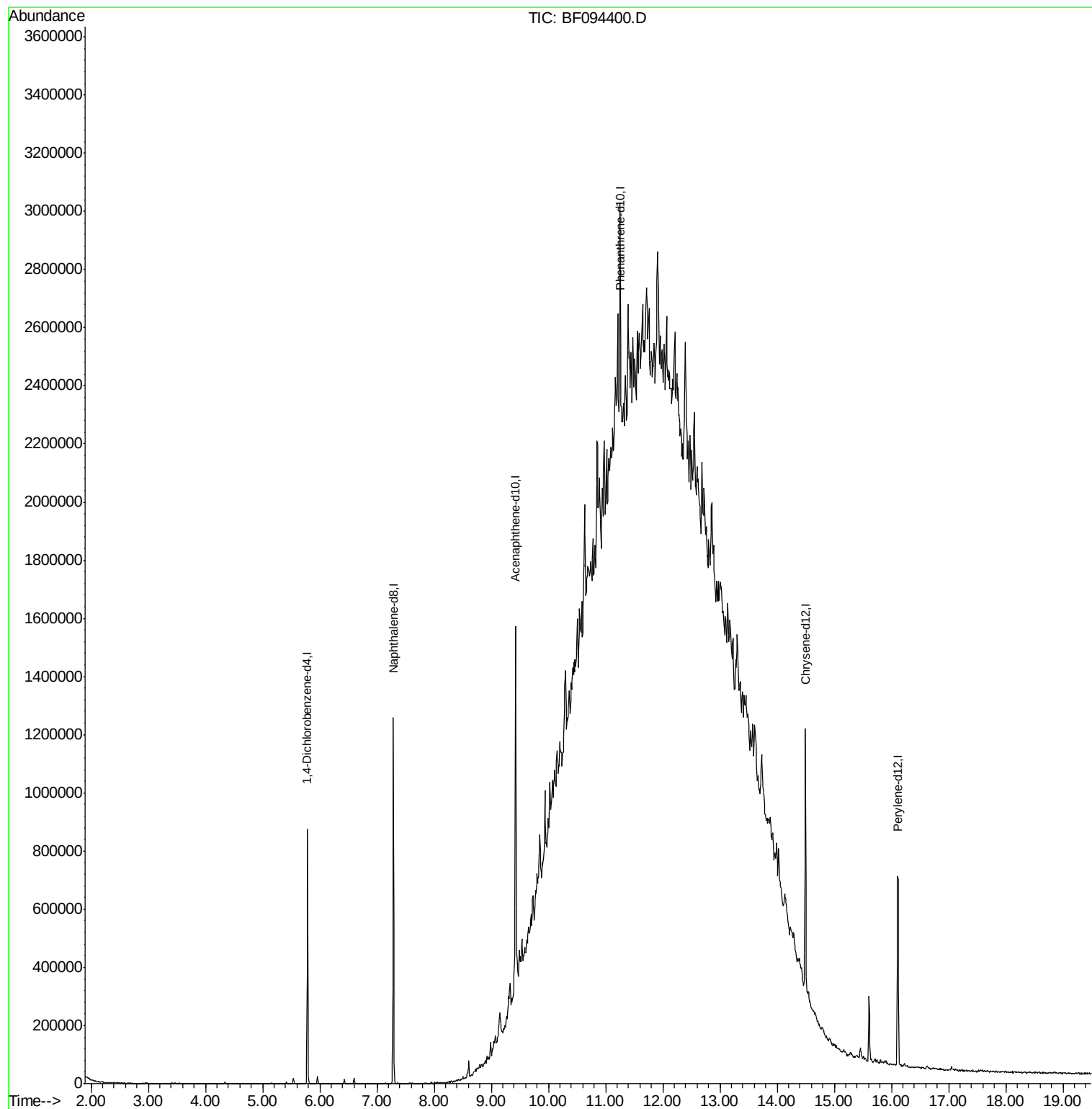
Target Compounds Qvalue

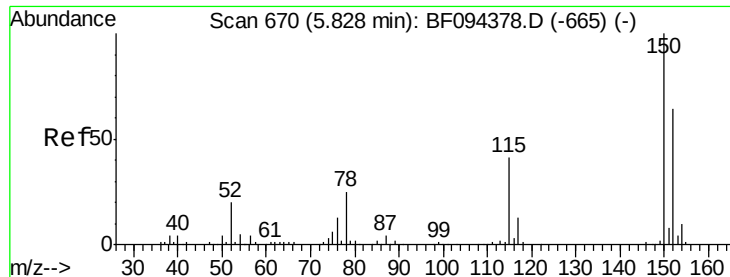
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
Data File : BF094400.D
Acq On : 13 Apr 2017 19:45
Operator : SJ/MA
Sample : I2671-06 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-15-M-18

Quant Time: Apr 14 02:20:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 14 01:21:26 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.78 min Scan# 662

Delta R.T. -0.05 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

Instrument :

BNA_F

ClientSampled :

M-15-M-18

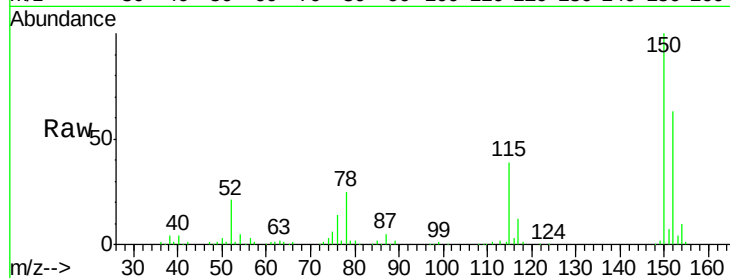
Tot Ion:152 Resp: 146415

Ion Ratio Lower Upper

152 100

150 159.5 126.2 189.2

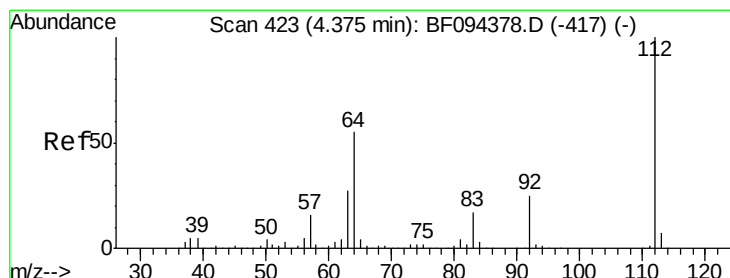
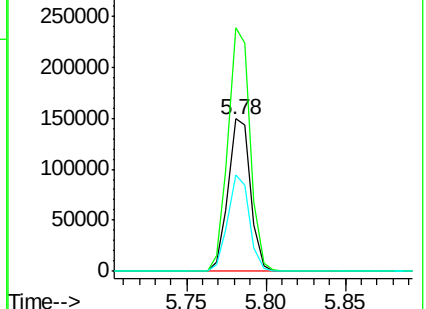
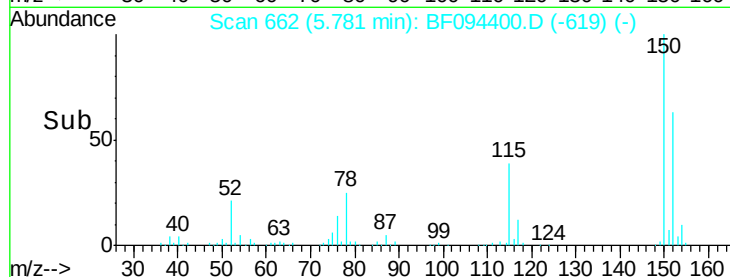
115 63.0 52.2 78.2



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: 0.23 ng

RT: 4.34 min Scan# 417

Delta R.T. -0.04 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

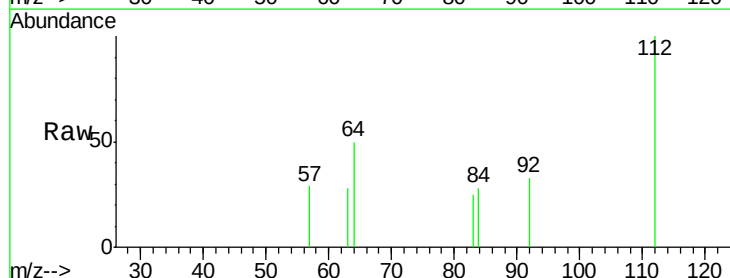
Tgt Ion:112 Resp: 1977

Ion Ratio Lower Upper

112 100

64 50.4 46.0 69.0

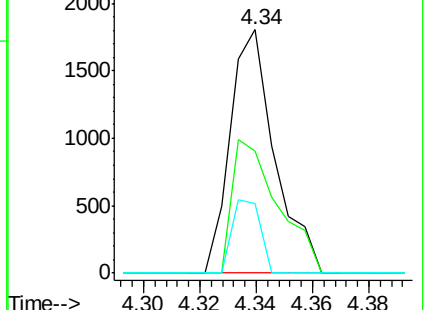
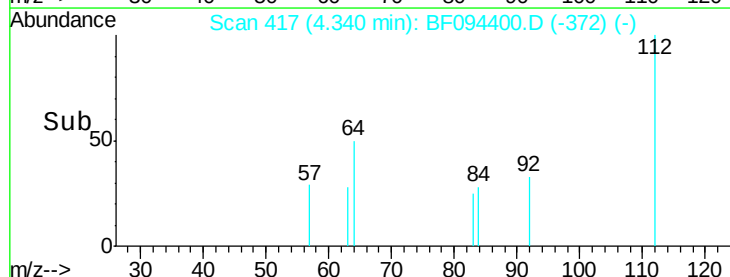
63 28.4 23.4 35.0

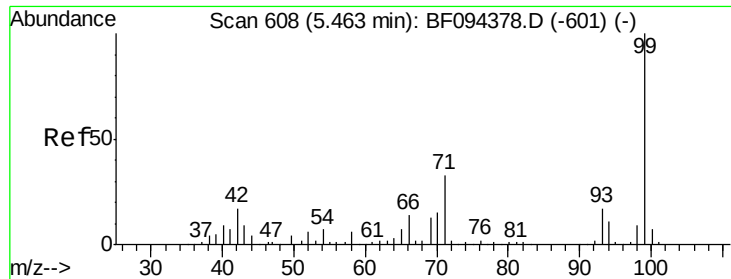


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.23 ng

RT: 5.42 min Scan# 600

Delta R.T. -0.05 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

M-15-M-18

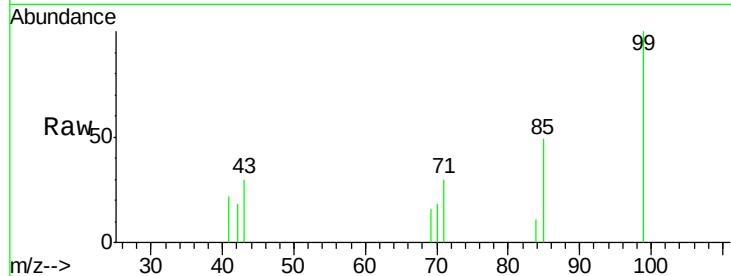
Tot Ion: 99 Resp: 2449

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

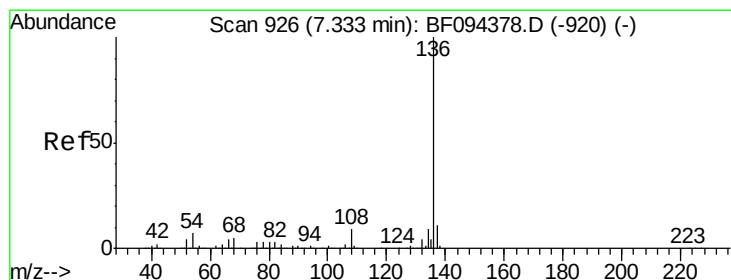
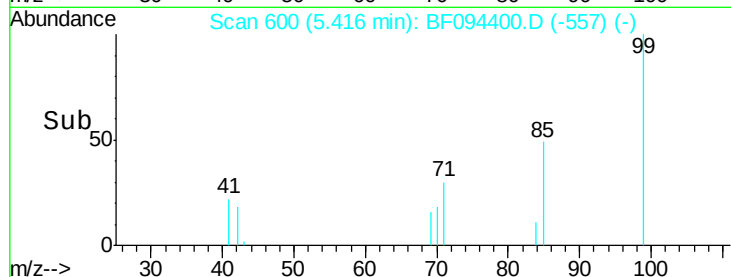
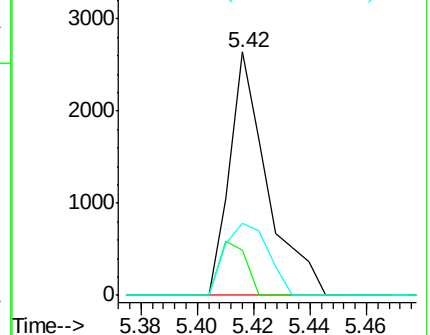
71 29.7 24.5 36.7



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: 7.29 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

Tgt Ion: 136 Resp: 594659

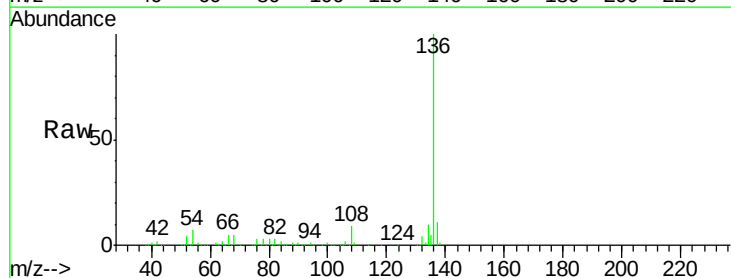
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.7 4.9 7.3

68 5.5 4.1 6.1

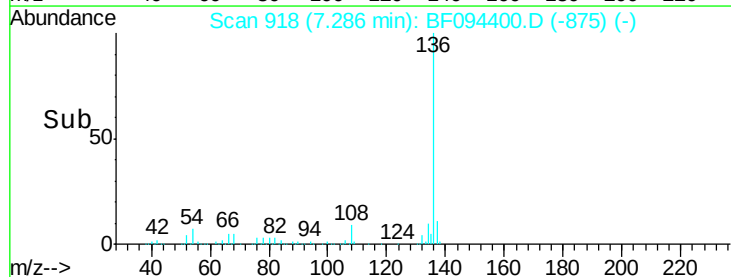
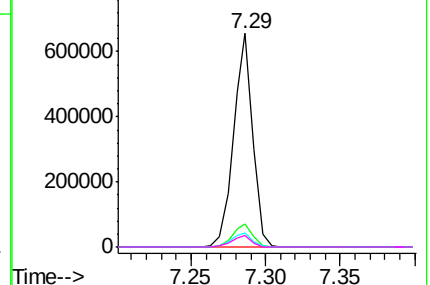


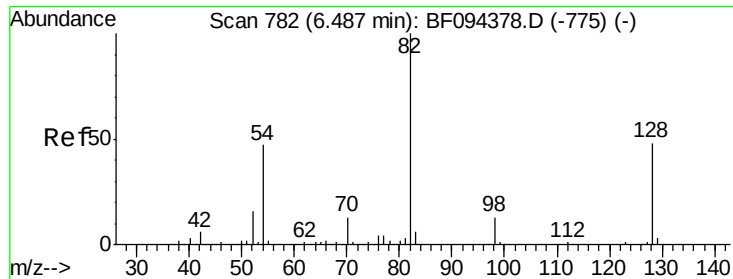
Abundance Ion 136.00 (135.70 to 136.70): E

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

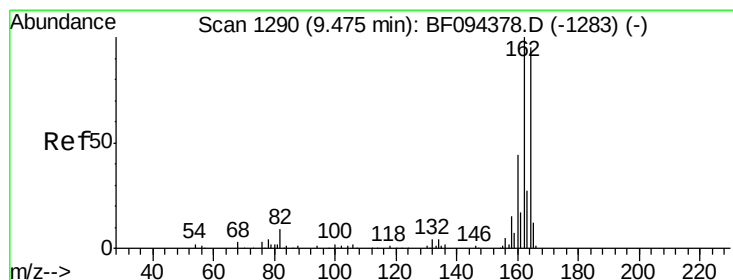
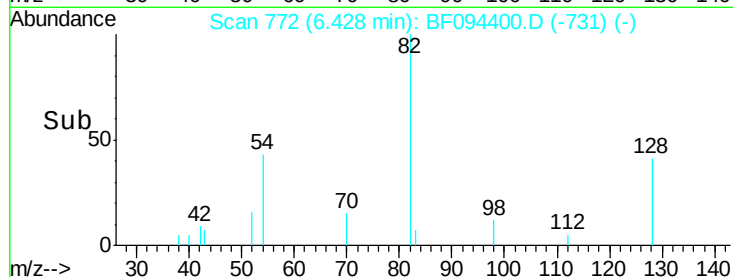
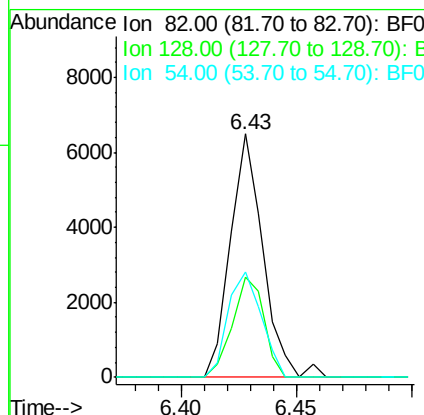
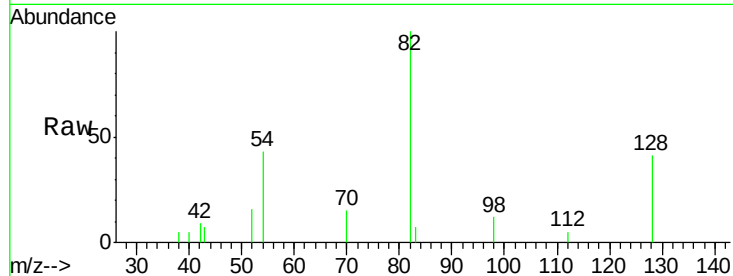




#23
 Nitrobenzene-d5
 Concen: 0.62 ng
 RT: 6.43 min Scan# 772
 Delta R.T. -0.06 min
 Lab File: BF094400.D
 Acq: 13 Apr 2017 19:45

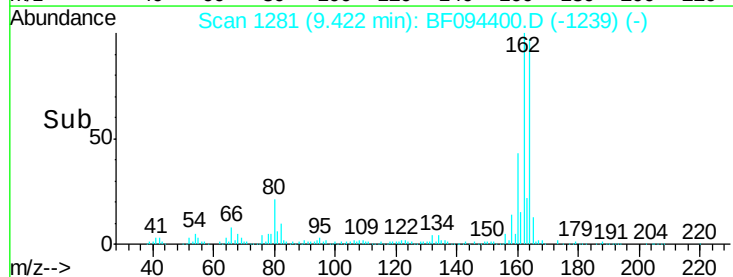
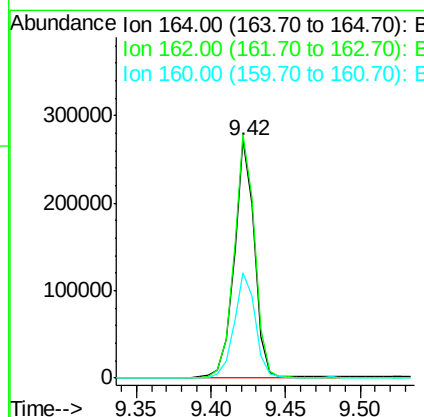
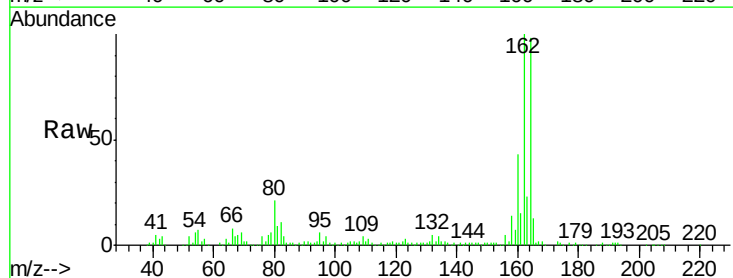
Instrument :
 BNA_F
 ClientSampleId :
 M-15-M-18

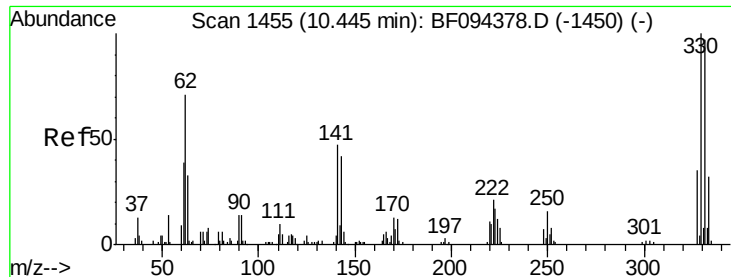
Tot Ion: 82 Resp: 6412
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.0 51.0
 54 43.2 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. -0.05 min
 Lab File: BF094400.D
 Acq: 13 Apr 2017 19:45

Tgt Ion:164 Resp: 258488
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.6 123.8
 160 44.2 36.2 54.2

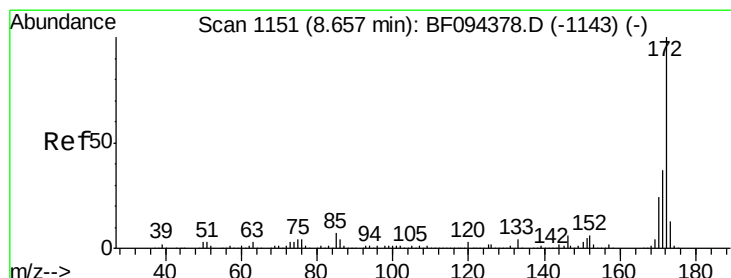
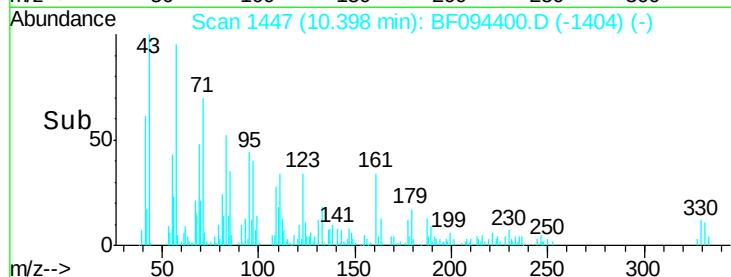
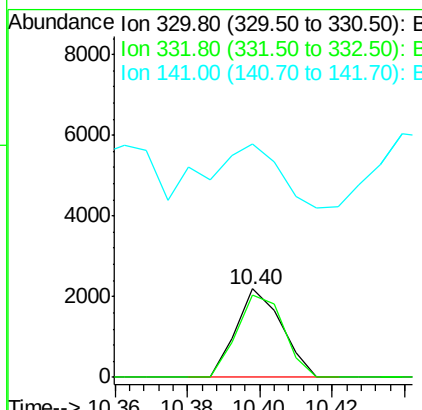
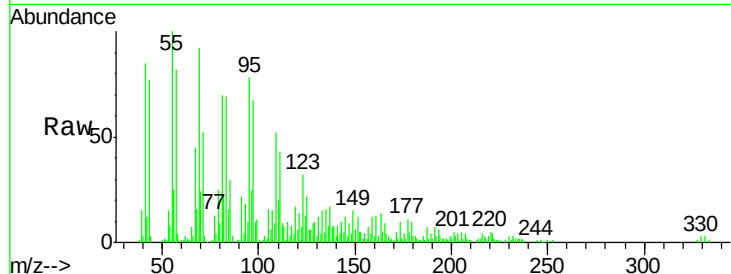




#41
 2,4,6-Tribromophenol
 Concen: 0.93 ng
 RT: 10.40 min Scan# 1447
 Delta R.T. -0.05 min
 Lab File: BF094400.D
 Acq: 13 Apr 2017 19:45

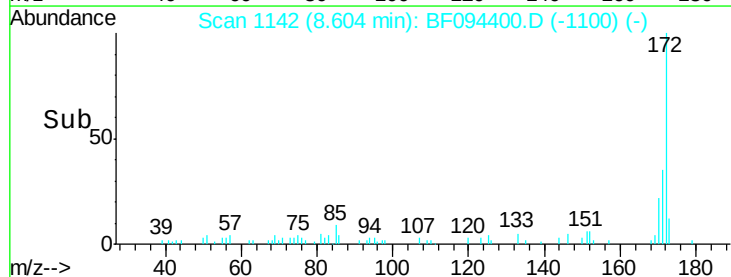
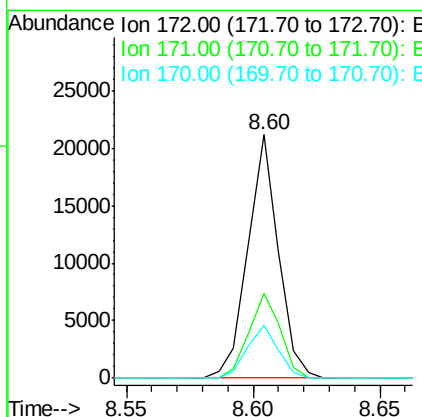
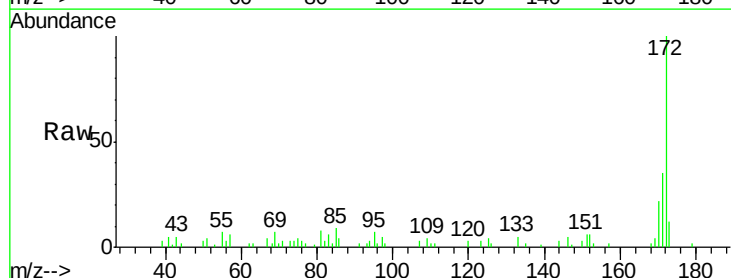
Instrument :
 BNA_F
 ClientSampleId :
 M-15-M-18

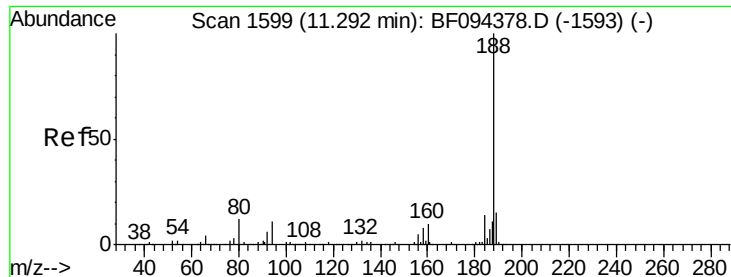
Tot Ion:330 Resp: 1905
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 79.6 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 1.05 ng
 RT: 8.60 min Scan# 1142
 Delta R.T. -0.05 min
 Lab File: BF094400.D
 Acq: 13 Apr 2017 19:45

Tgt Ion:172 Resp: 17738
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.6 44.4
 170 21.5 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 1592

Delta R.T. -0.04 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

M-15-M-18

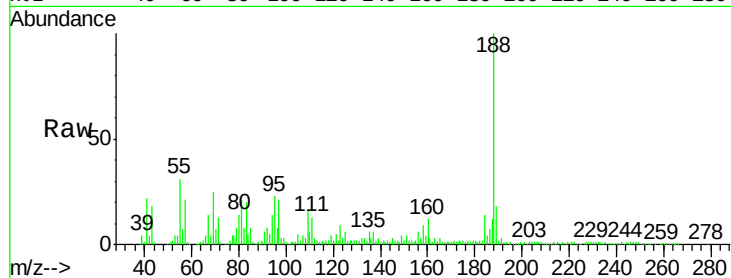
Tot Ion:188 Resp: 390665

Ion Ratio Lower Upper

188 100

94 13.7 9.4 14.2

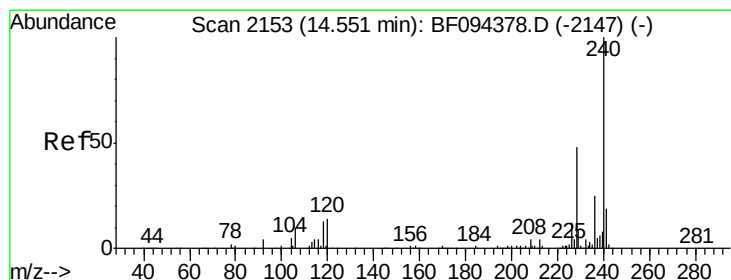
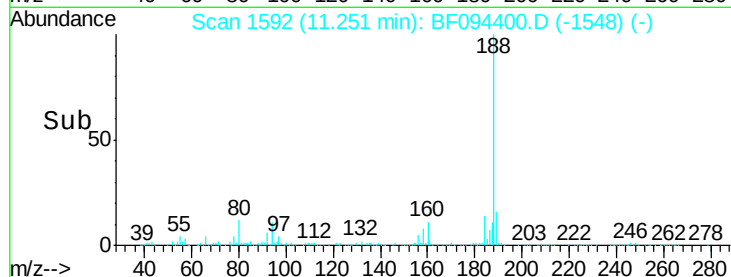
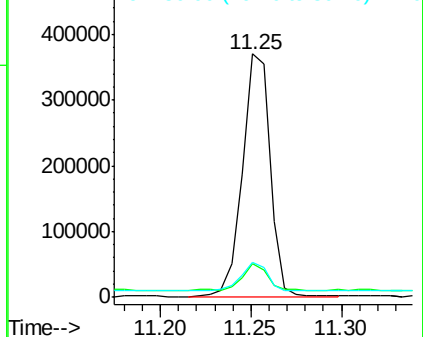
80 14.4 10.2 15.2



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: 14.50 min Scan# 2144

Delta R.T. -0.05 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

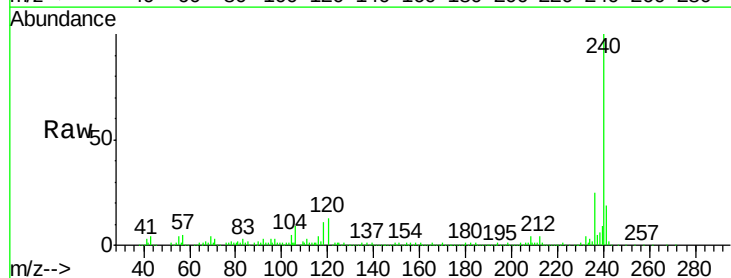
Tgt Ion:240 Resp: 369199

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

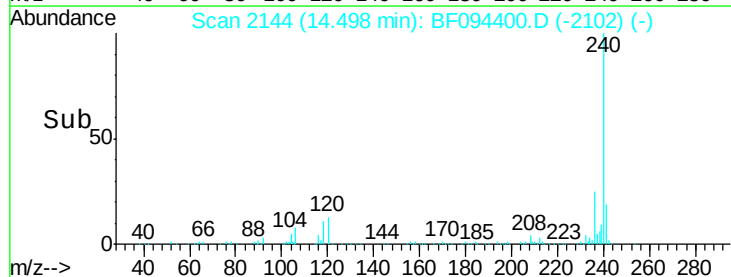
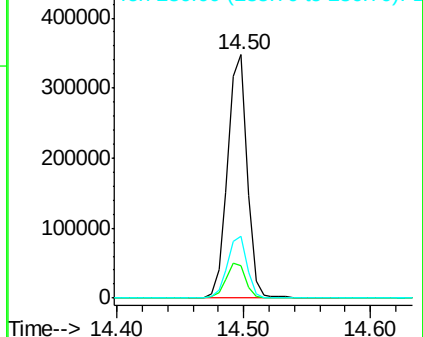
236 25.3 20.5 30.7

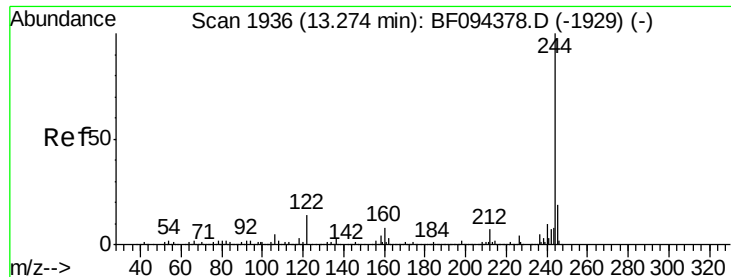


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 0.90 ng

RT: 13.23 min Scan# 1928

Delta R.T. -0.05 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

M-15-M-18

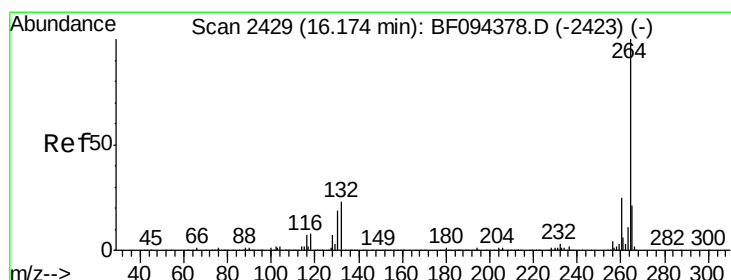
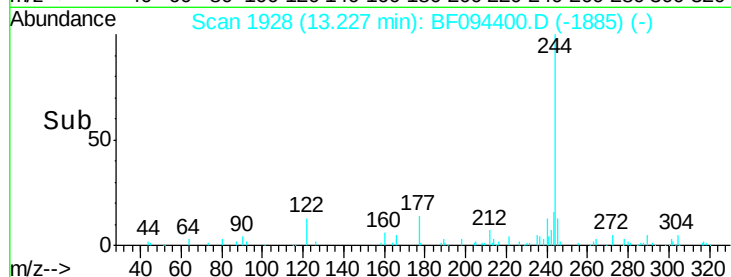
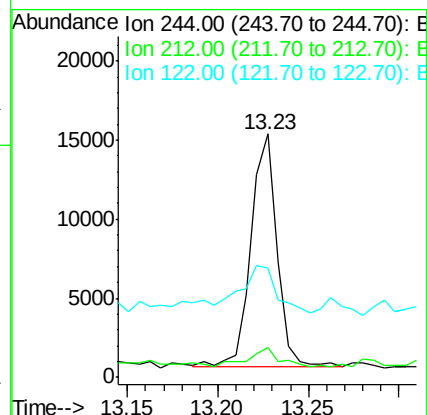
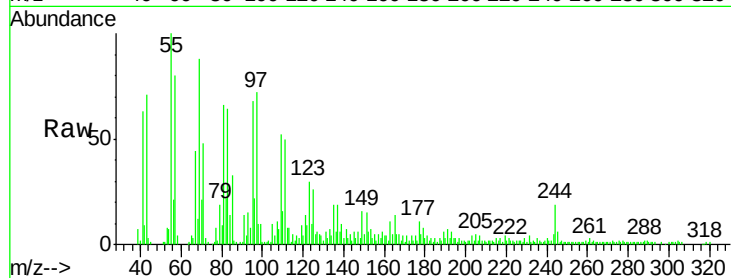
Tot Ion:244 Resp: 14788

Ion Ratio Lower Upper

244 100

212 12.1 6.0 9.0#

122 44.9 10.3 15.5#



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.12 min Scan# 2419

Delta R.T. -0.06 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

Tgt Ion:264 Resp: 263502

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 21.0 17.2 25.8

