

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
 Data File : BF084439.D
 Acq On : 13 Jan 2016 5:10
 Operator : SJ/UM
 Sample : H1078-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW2-22

Quant Time: Jan 13 06:00:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	251793	20.00	ng	-0.06
21) Naphthalene-d8	8.12	136	968089	20.00	ng	-0.07
38) Acenaphthene-d10	9.88	164	467990	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	801739	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	478154	20.00	ng	-0.07
86) Perylene-d12	15.43	264	444477	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	985447	63.30	ng	-0.04
7) Phenol-d6	6.48	99	766210	39.19	ng	-0.06
23) Nitrobenzene-d5	7.41	82	1603861	92.21	ng	-0.06
41) 2,4,6-Tribromophenol	10.67	330	481419	101.89	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2350660	88.63	ng	-0.06
78) Terphenyl-d14	12.96	244	1937158	90.43	ng	-0.06

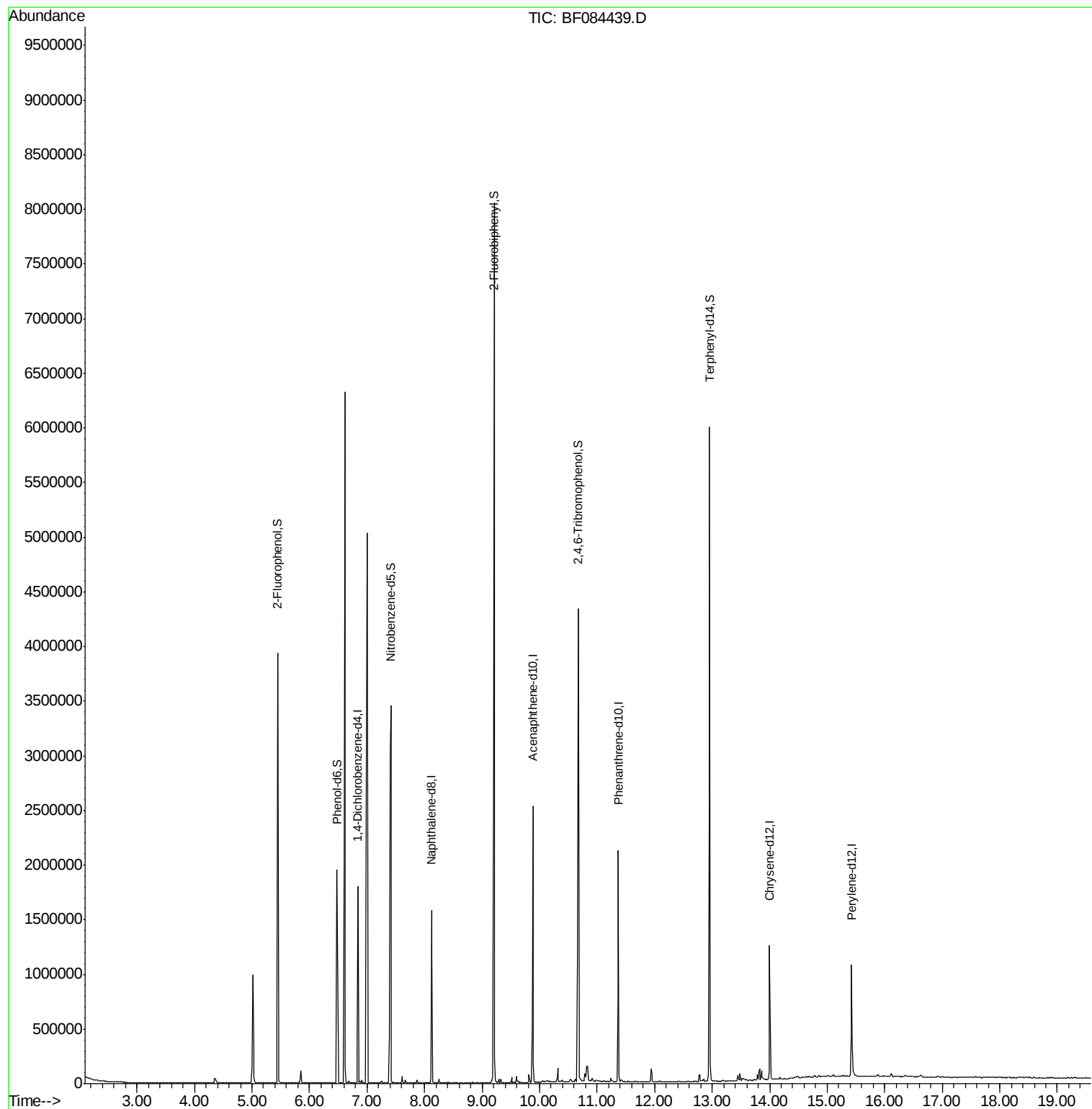
Target Compounds Qvalue

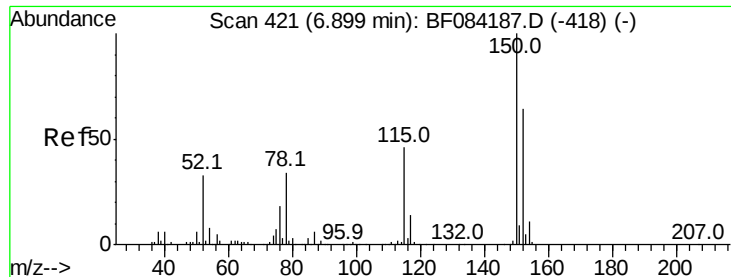
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 13 06:00:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.06 min

Lab File: BF084439.D

Acq: 13 Jan 2016 5:10

Instrument :

BNA_F

ClientSampleId :

TE-PMW2-22

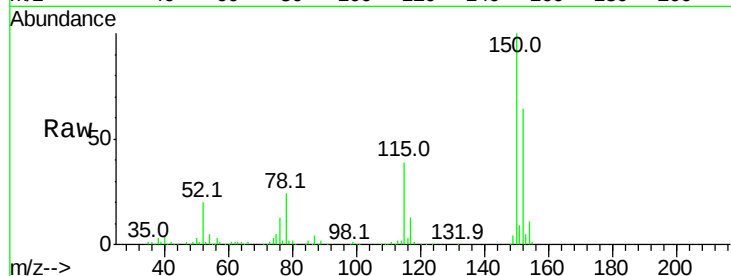
Tot Ion:152 Resp: 251793

Ion Ratio Lower Upper

152 100

150 156.2 123.0 184.4

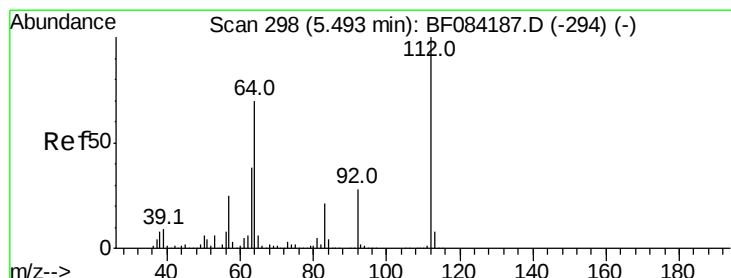
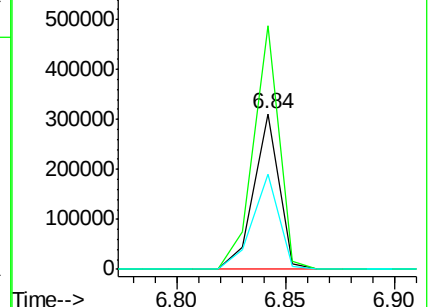
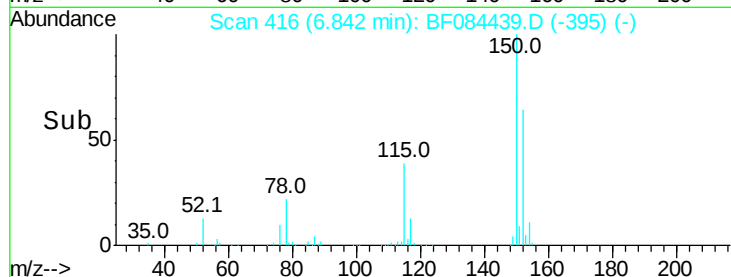
115 61.0 51.4 77.2



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: 63.30 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.04 min

Lab File: BF084439.D

Acq: 13 Jan 2016 5:10

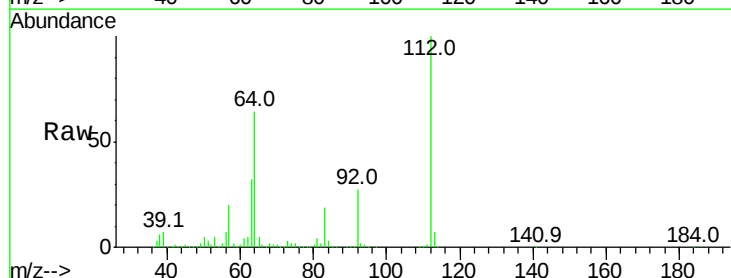
Tgt Ion:112 Resp: 985447

Ion Ratio Lower Upper

112 100

64 63.8 36.6 55.0#

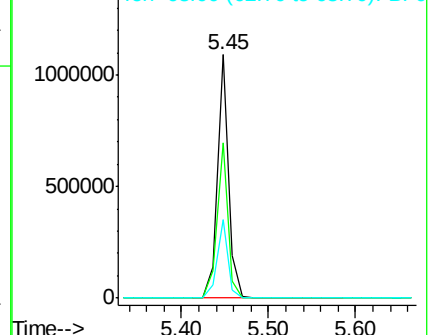
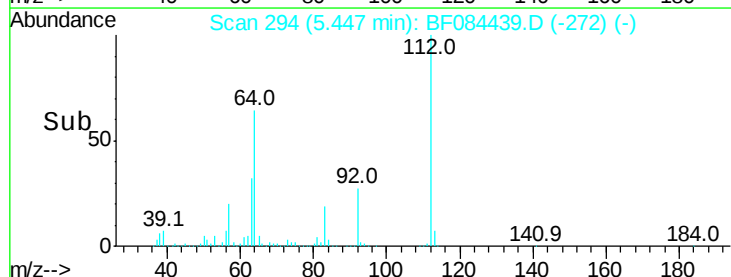
63 32.3 19.4 29.0#

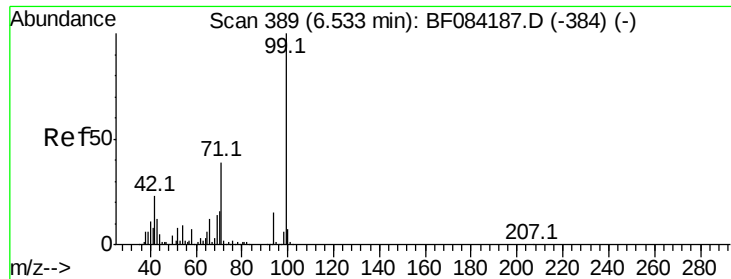


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.19 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

Lab File: BF084439.D

Acq: 13 Jan 2016 5:10

Instrument :

BNA_F

ClientSampleId :

TE-PMW2-22

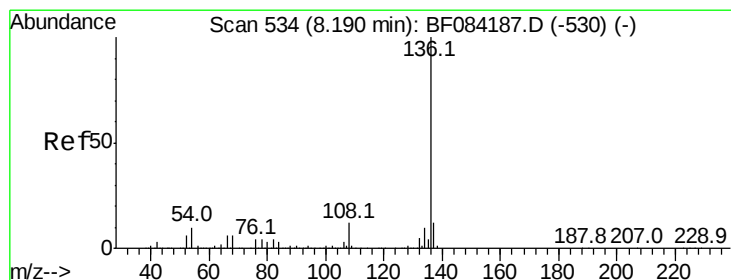
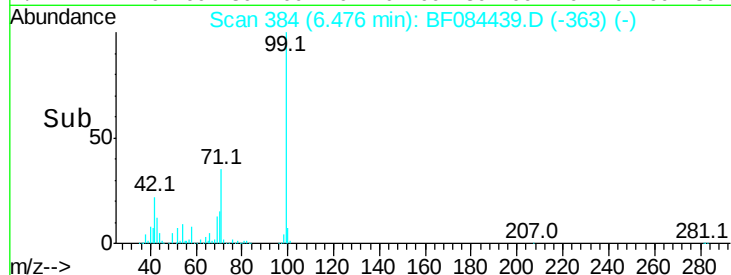
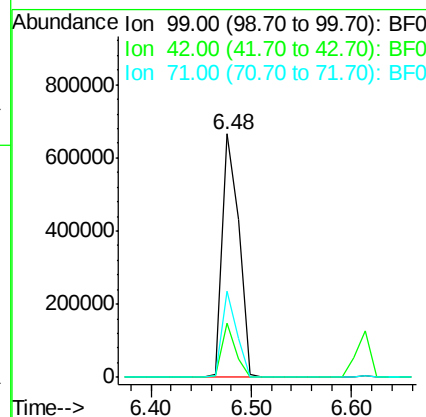
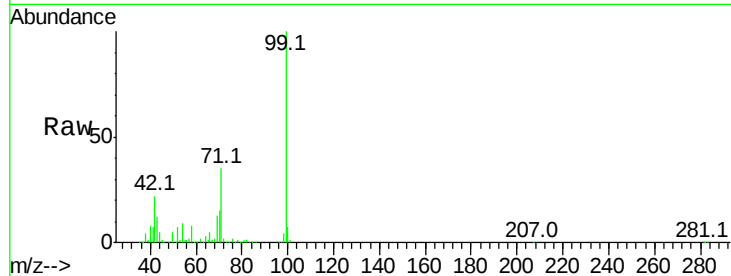
Tot Ion: 99 Resp: 766210

Ion Ratio Lower Upper

99 100

42 22.3 12.8 19.2#

71 35.5 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.07 min

Lab File: BF084439.D

Acq: 13 Jan 2016 5:10

Tgt Ion: 136 Resp: 968089

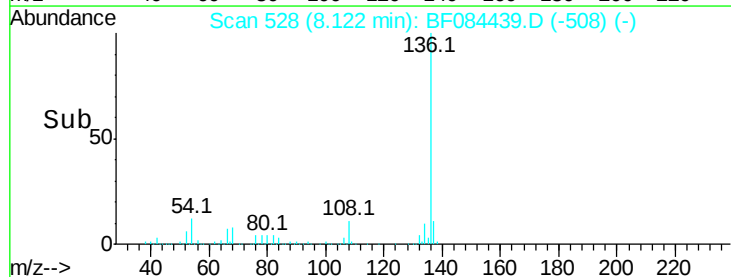
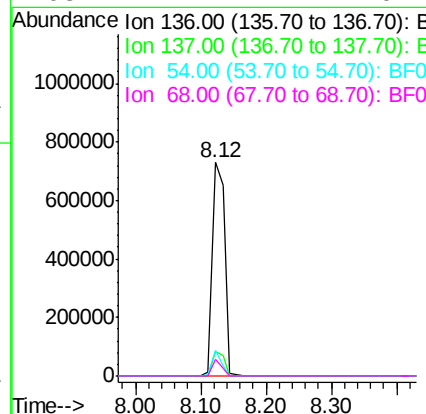
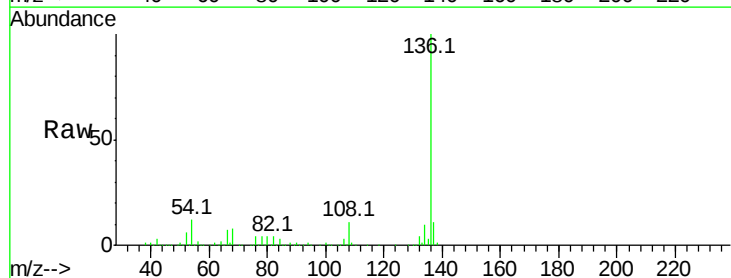
Ion Ratio Lower Upper

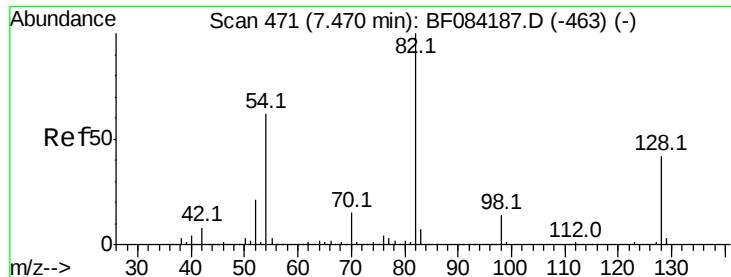
136 100

137 11.4 8.7 13.1

54 11.8 5.8 8.8#

68 7.7 4.2 6.2#





#23

Nitrobenzene-d5

Concen: 92.21 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.06 min

Lab File: BF084439.D

Acq: 13 Jan 2016 5:10

Instrument :

BNA_F

ClientSampleId :

TE-PMW2-22

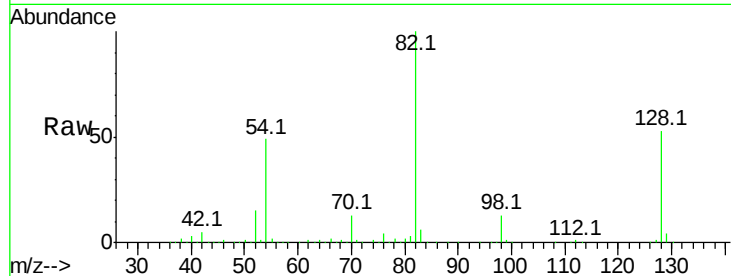
Tot Ion: 82 Resp: 1603861

Ion Ratio Lower Upper

82 100

128 53.2 34.6 51.8#

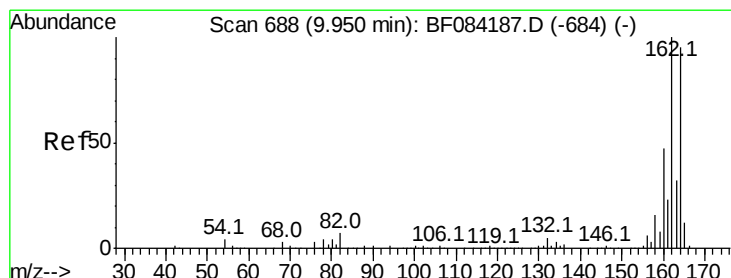
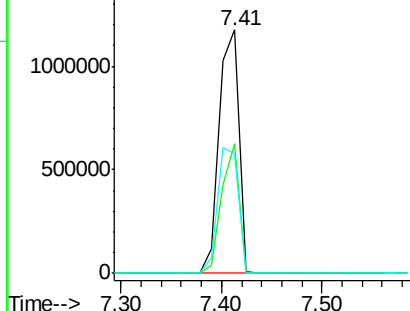
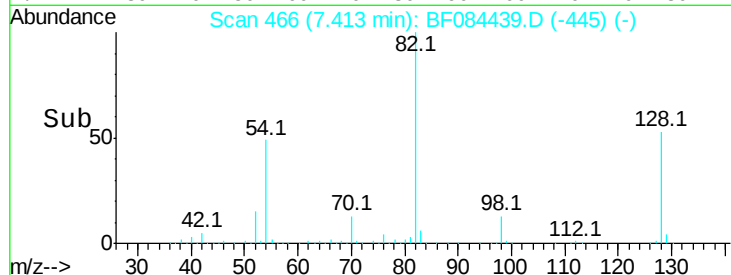
54 48.9 38.4 57.6



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: 9.88 min Scan# 682

Delta R.T. -0.07 min

Lab File: BF084439.D

Acq: 13 Jan 2016 5:10

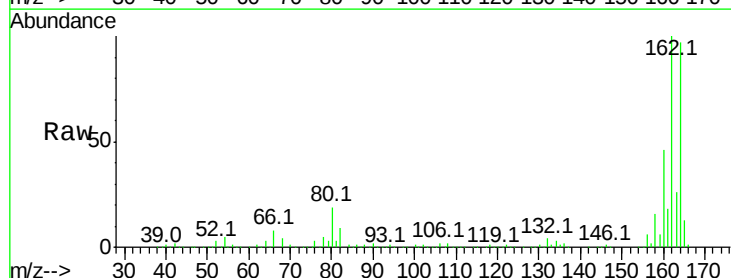
Tgt Ion:164 Resp: 467990

Ion Ratio Lower Upper

164 100

162 103.3 85.1 127.7

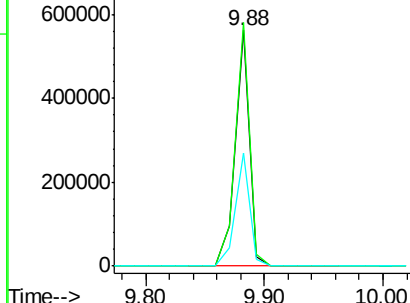
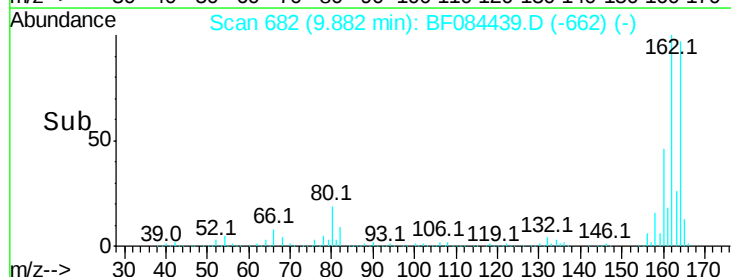
160 48.0 37.5 56.3

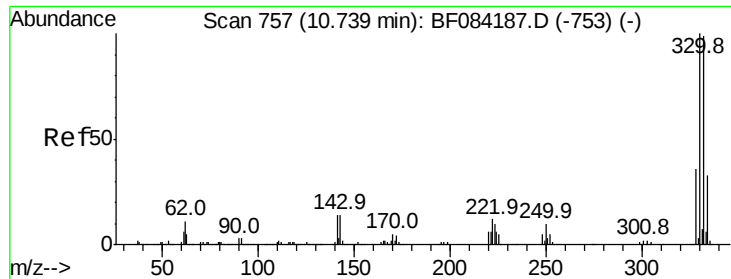


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

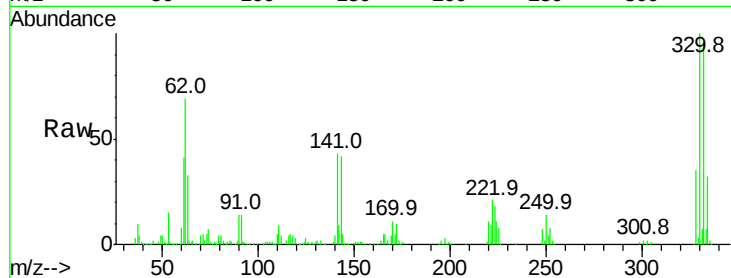




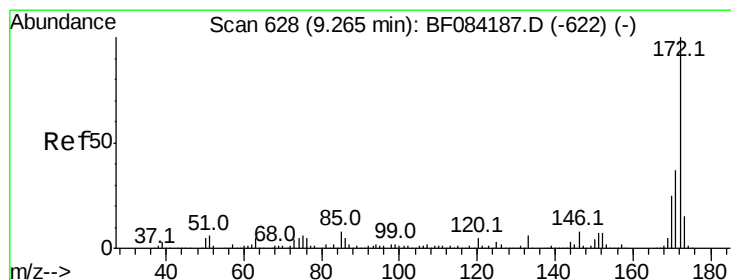
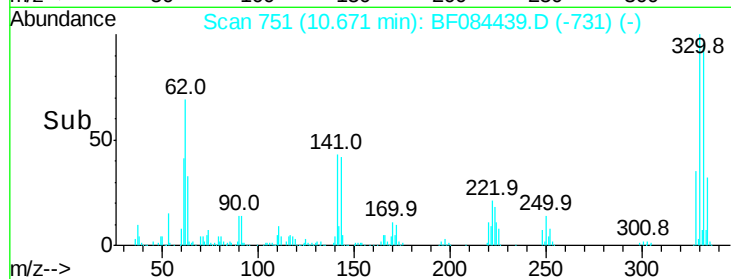
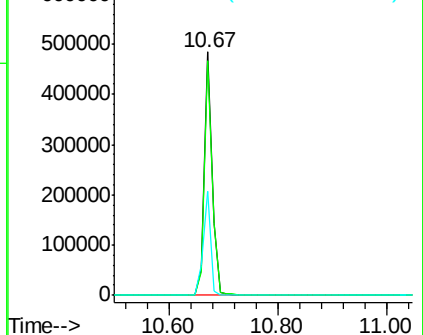
#41
 2,4,6-Tribromophenol
 Concen: 101.89 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.07 min
 Lab File: BF084439.D
 Acq: 13 Jan 2016 5:10

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW2-22

Tot Ion:330 Resp: 481419
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 40.1 27.8 41.6

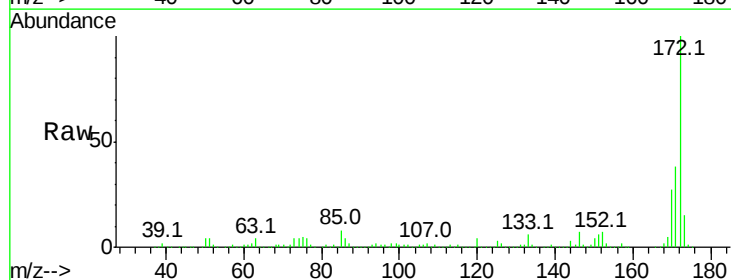


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

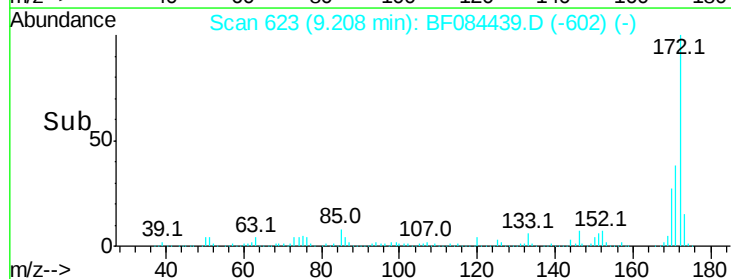
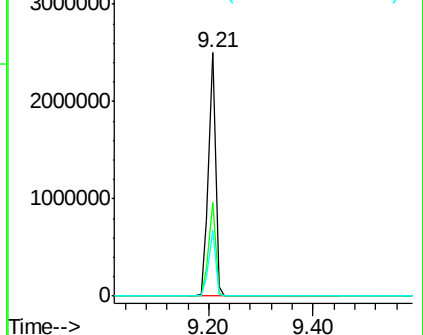


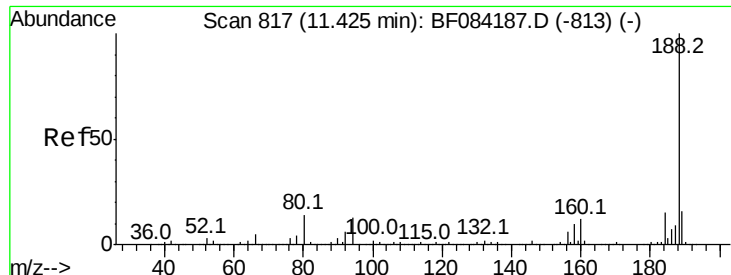
#44
 2-Fluorobiphenyl
 Concen: 88.63 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084439.D
 Acq: 13 Jan 2016 5:10

Tgt Ion:172 Resp: 2350660
 Ion Ratio Lower Upper
 172 100
 171 38.5 28.9 43.3
 170 26.8 18.6 27.8



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

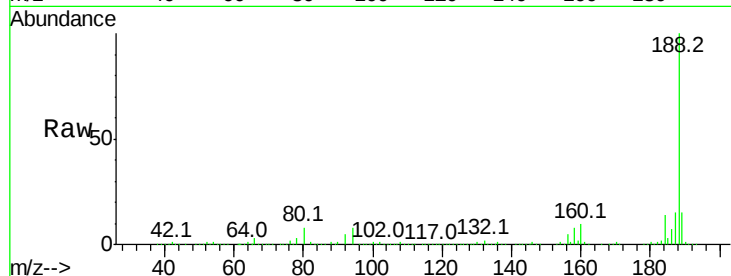




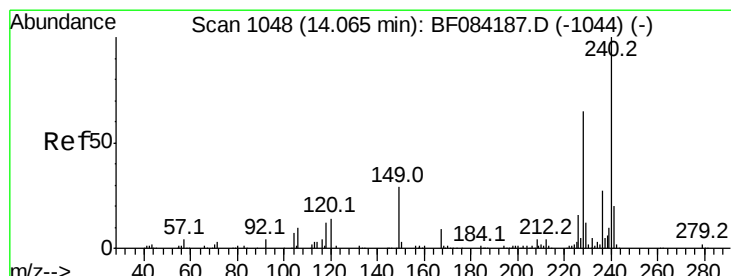
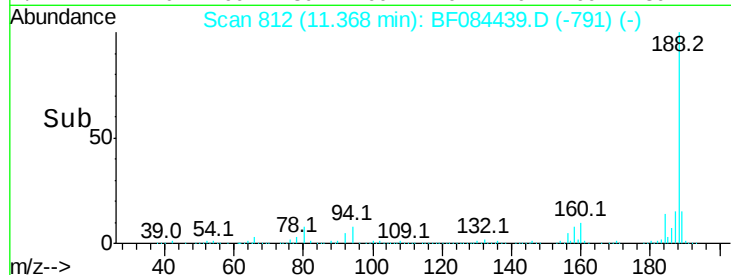
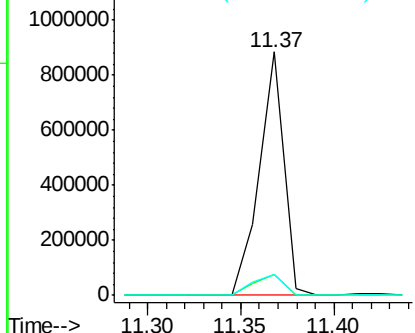
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF084439.D
Acq: 13 Jan 2016 5:10

Instrument :
BNA_F
ClientSampleId :
TE-PMW2-22

Tot Ion:188 Resp: 801739
Ion Ratio Lower Upper
188 100
94 8.4 9.0 13.4#
80 8.5 9.6 14.4#

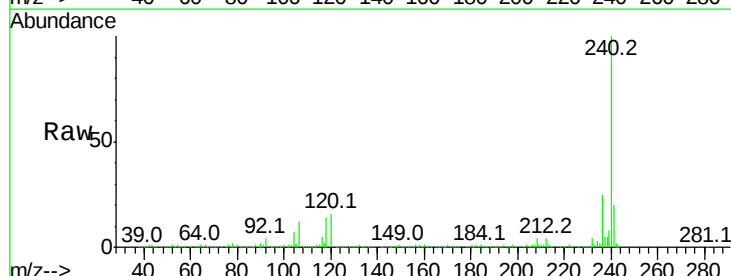


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

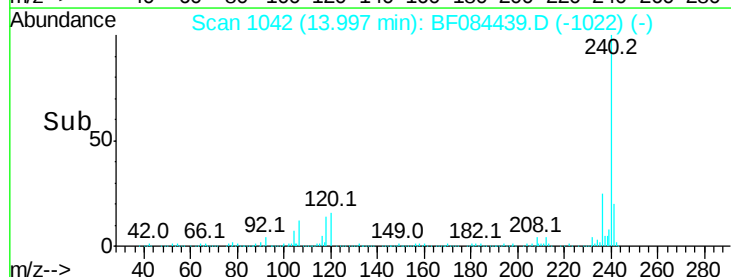
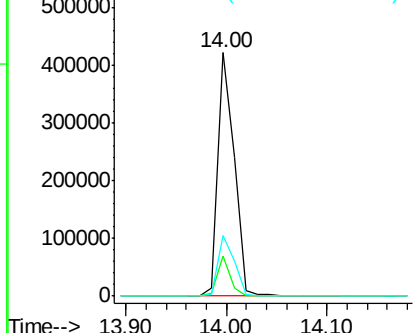


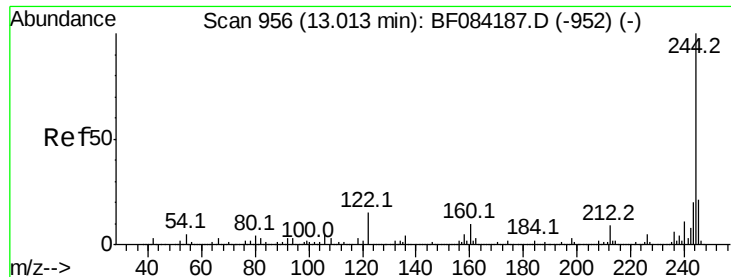
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.07 min
Lab File: BF084439.D
Acq: 13 Jan 2016 5:10

Tgt Ion:240 Resp: 478154
Ion Ratio Lower Upper
240 100
120 16.4 9.5 14.3#
236 24.8 20.6 31.0



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

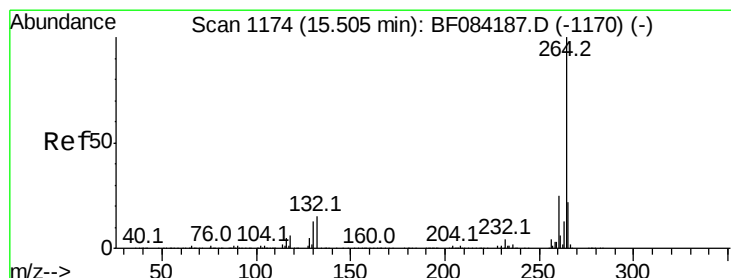
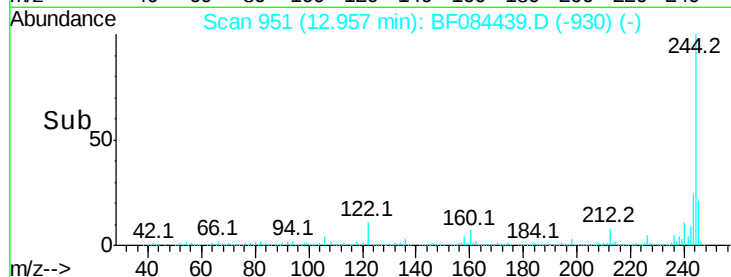
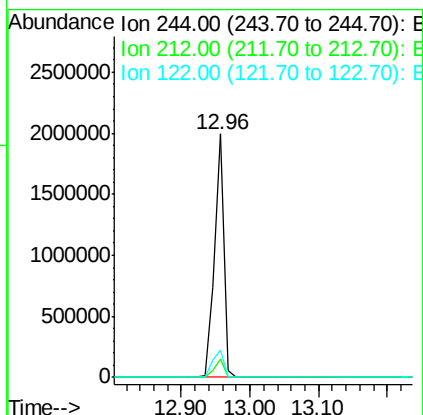
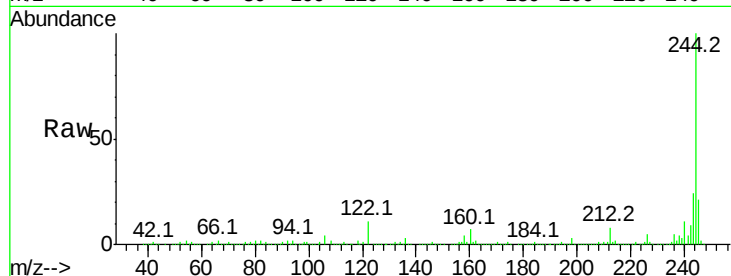




#78
 Terphenyl-d14
 Concen: 90.43 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF084439.D
 Acq: 13 Jan 2016 5:10

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW2-22

Tot Ion:244 Resp: 1937158
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 11.2 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF084439.D
 Acq: 13 Jan 2016 5:10

Tgt Ion:264 Resp: 444477
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.4 29.2
 265 21.4 17.8 26.6

