

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
 Data File : BF091989.D
 Acq On : 28 Dec 2016 3:11
 Operator : UM/SJ
 Sample : PB95631BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95631BL

Quant Time: Dec 28 06:23:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	259504	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	1016476	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	629491	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	1016205	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	729392	20.00	ng	-0.01
86) Perylene-d12	15.29	264	574467	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1060044	68.21	ng	0.01
7) Phenol-d6	6.40	99	1378773	72.66	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1461264	79.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	320686	61.56	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	2423822	77.80	ng	-0.02
78) Terphenyl-d14	12.84	244	2250880	74.84	ng	-0.01

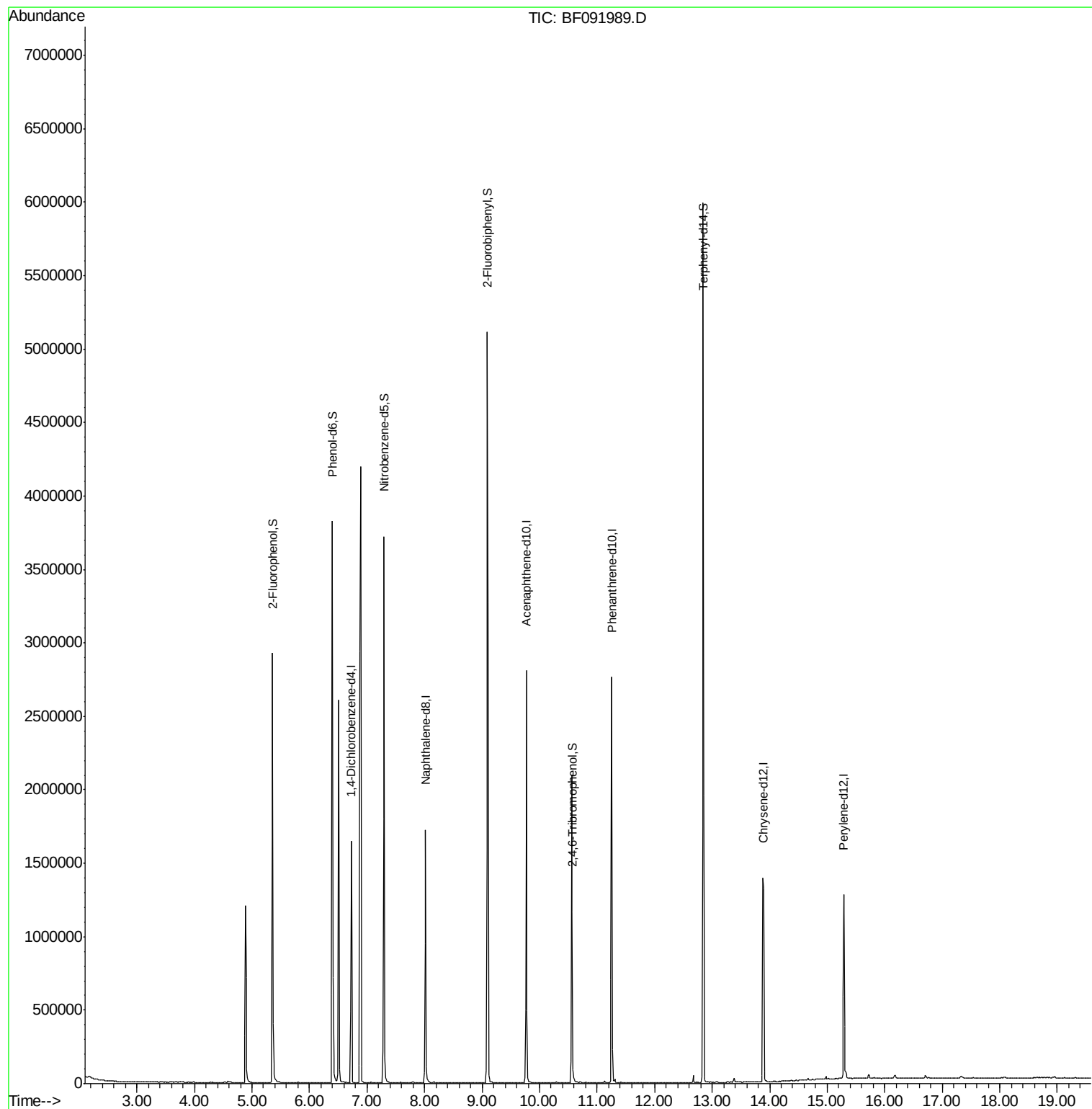
Target Compounds Qvalue

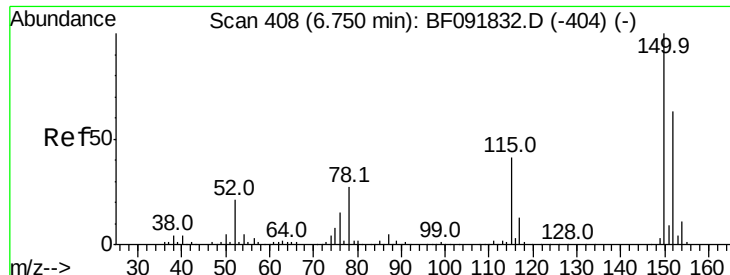
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091989.D

Acq: 28 Dec 2016 3:11

Instrument :

BNA_F

ClientSampleId :

PB95631BL

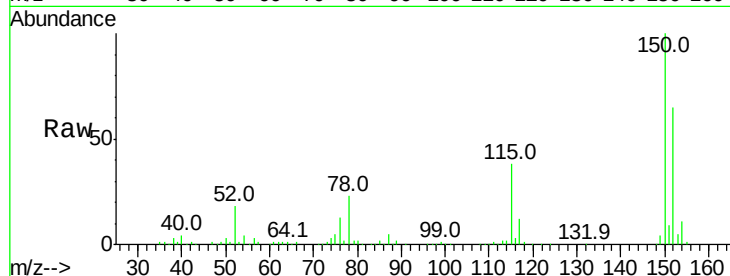
Tot Ion:152 Resp: 259504

Ion Ratio Lower Upper

152 100

150 154.8 124.9 187.3

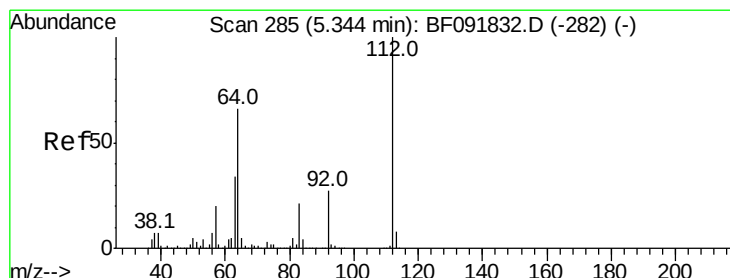
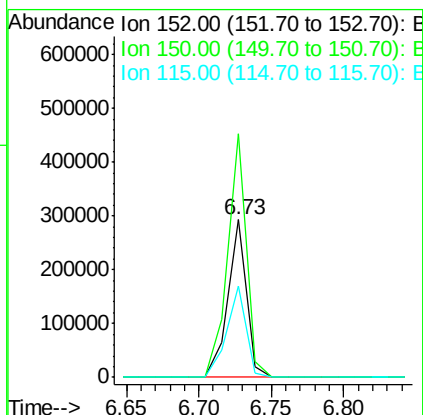
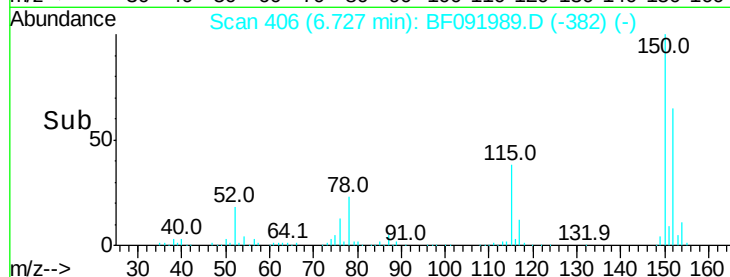
115 58.5 46.0 69.0



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: 68.21 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF091989.D

Acq: 28 Dec 2016 3:11

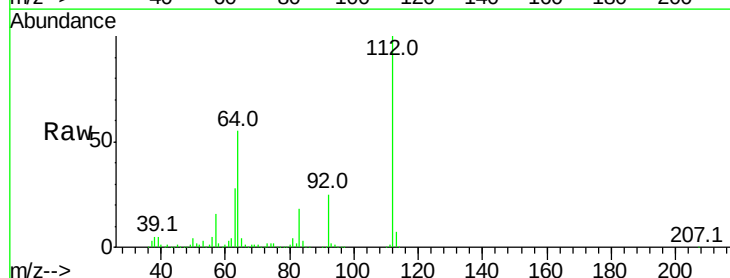
Tgt Ion:112 Resp: 1060044

Ion Ratio Lower Upper

112 100

64 55.4 46.1 69.1

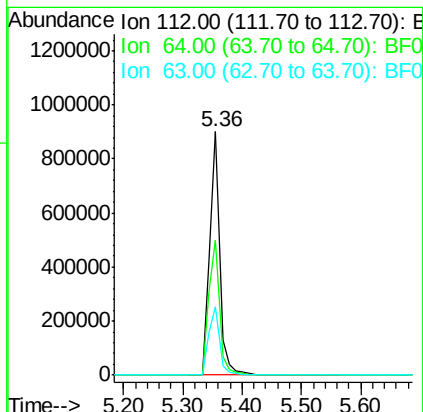
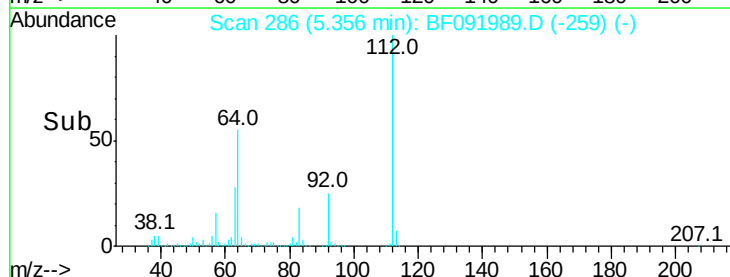
63 27.9 23.8 35.6

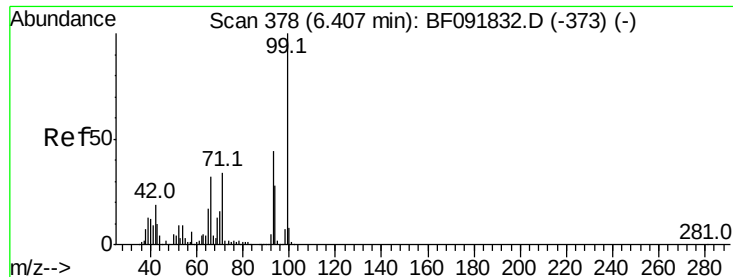


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 72.66 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091989.D

Acq: 28 Dec 2016 3:11

Instrument :

BNA_F

ClientSampleId :

PB95631BL

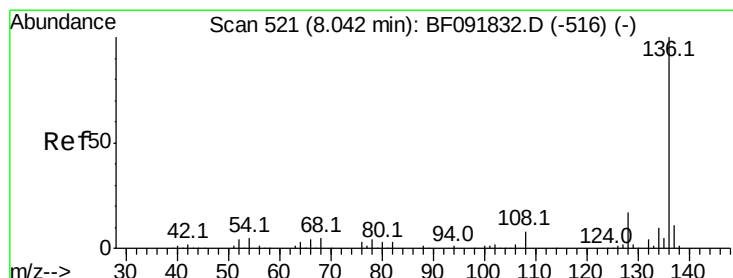
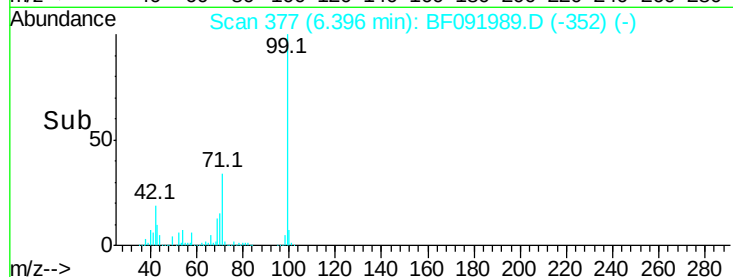
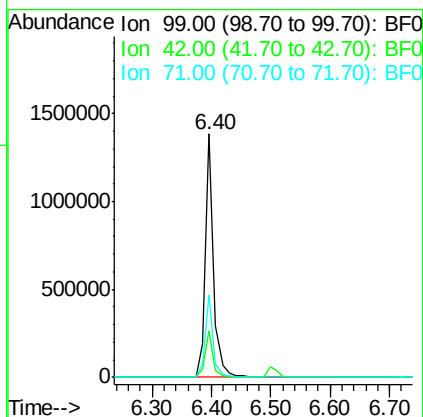
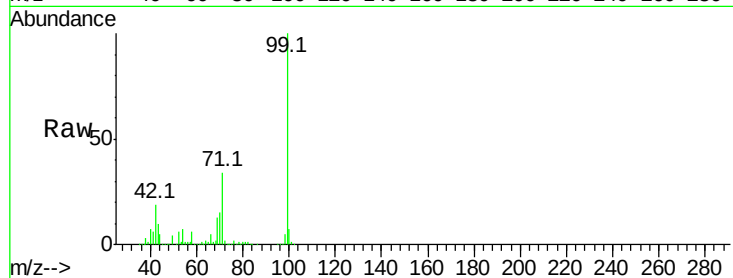
Tot Ion: 99 Resp: 1378773

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

71 33.8 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF091989.D

Acq: 28 Dec 2016 3:11

Tgt Ion: 136 Resp: 1016476

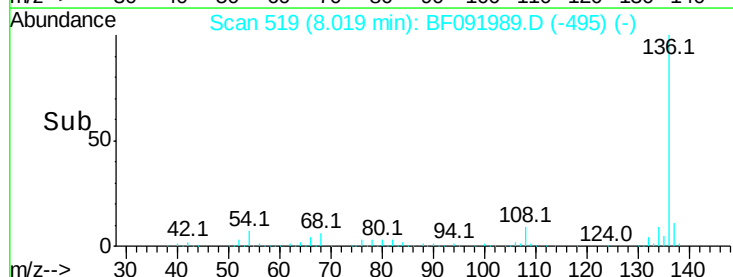
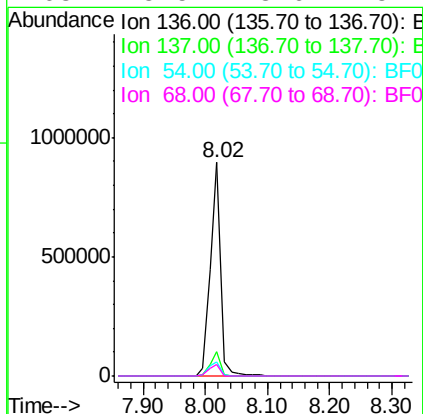
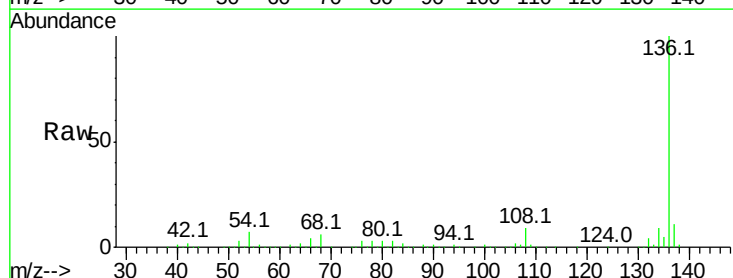
Ion Ratio Lower Upper

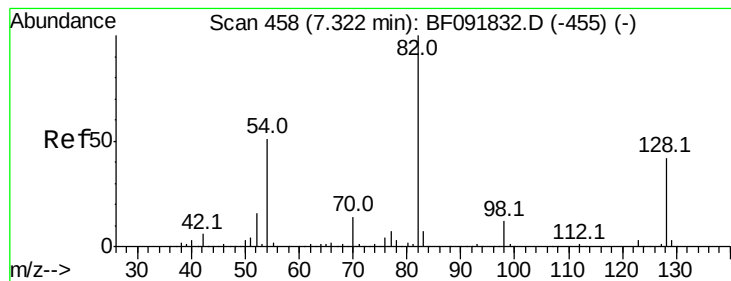
136 100

137 11.3 8.4 12.6

54 6.5 4.5 6.7

68 5.5 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 79.94 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF091989.D

Acq: 28 Dec 2016 3:11

Instrument :

BNA_F

ClientSampleId :

PB95631BL

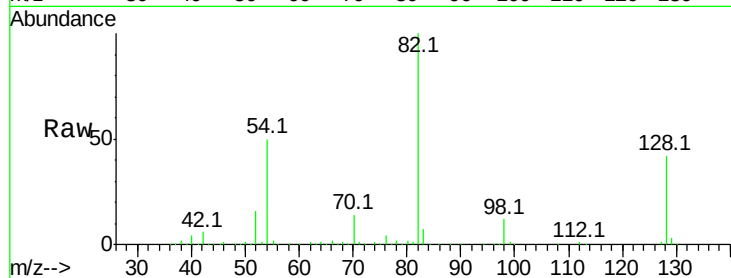
Tot Ion: 82 Resp: 1461264

Ion Ratio Lower Upper

82 100

128 41.9 34.6 52.0

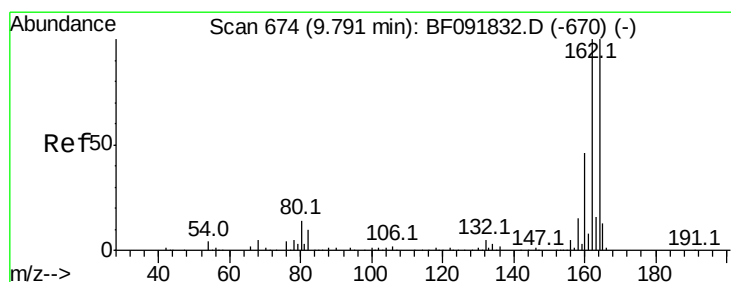
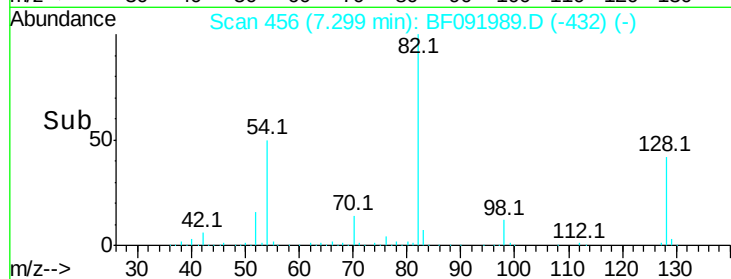
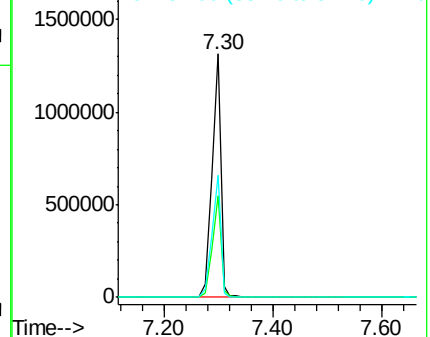
54 50.0 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF091989.D

Acq: 28 Dec 2016 3:11

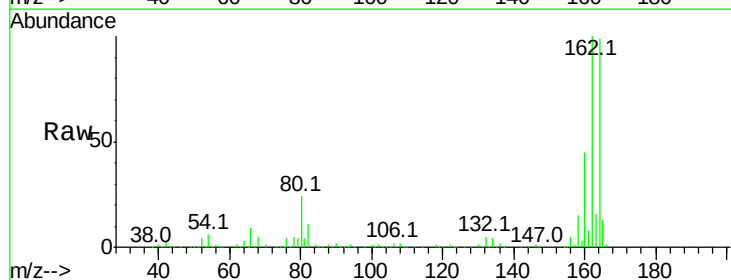
Tgt Ion:164 Resp: 629491

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

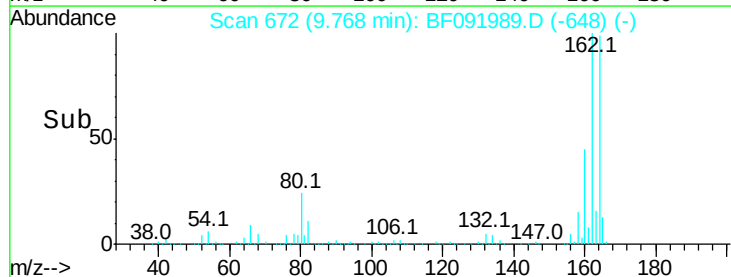
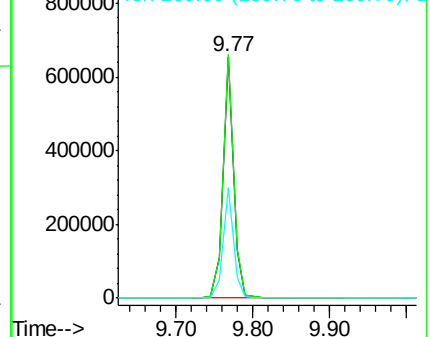
160 45.6 36.9 55.3

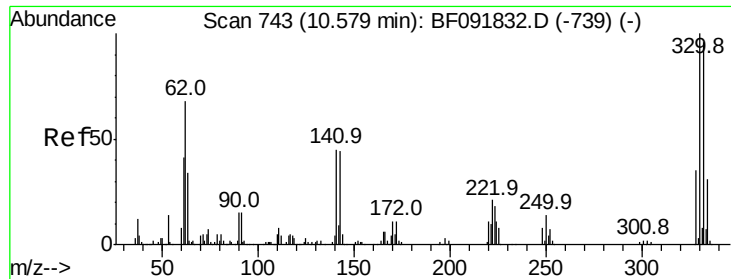


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

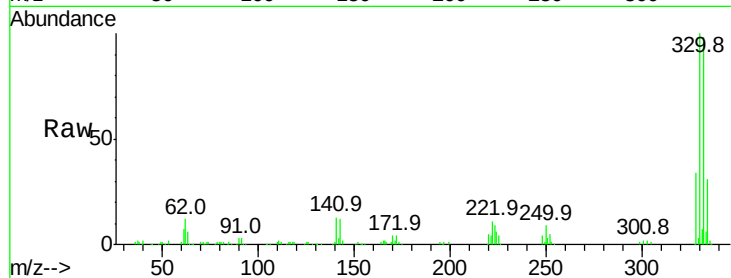




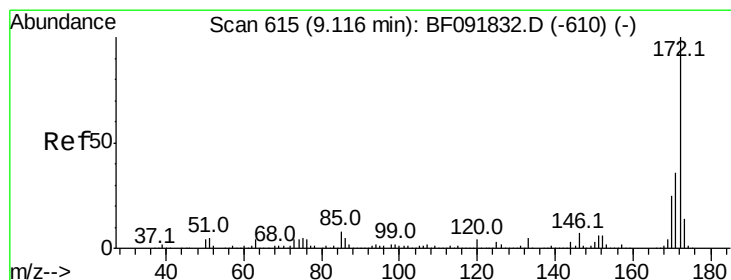
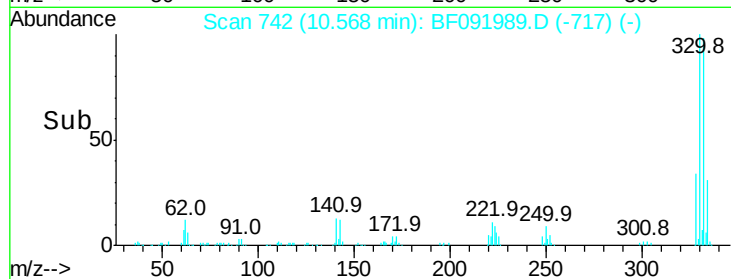
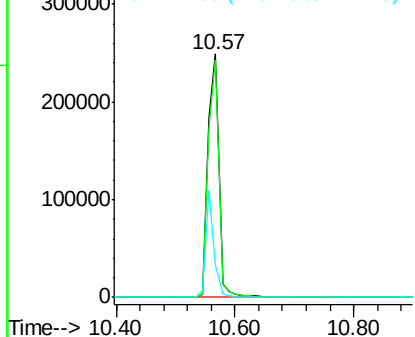
#41
 2,4,6-Tribromophenol
 Concen: 61.56 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091989.D
 Acq: 28 Dec 2016 3:11

Instrument :
 BNA_F
 ClientSampleId :
 PB95631BL

Tot Ion:330 Resp: 320686
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 33.5 34.1 51.1#

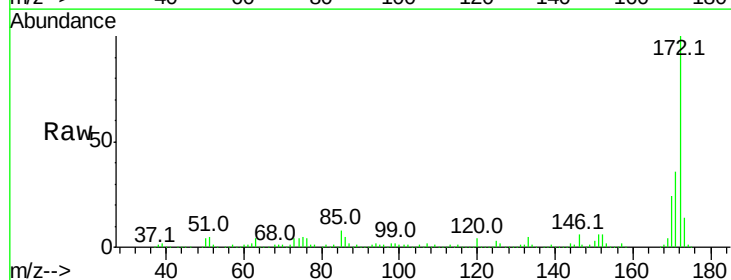


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

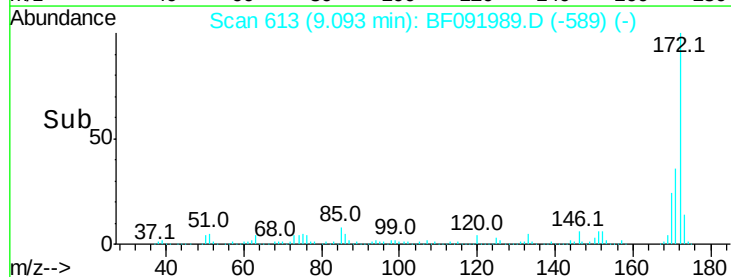
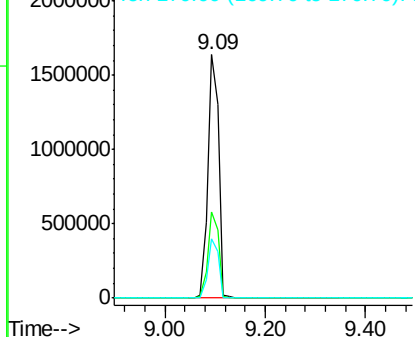


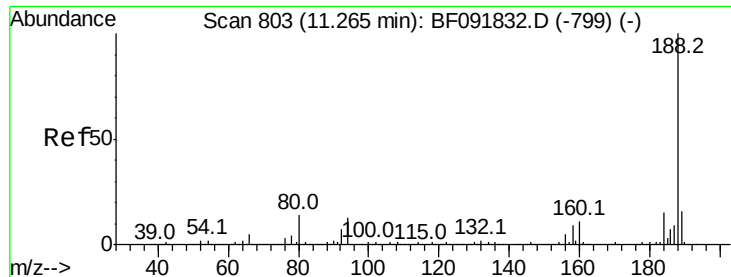
#44
 2-Fluorobiphenyl
 Concen: 77.80 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF091989.D
 Acq: 28 Dec 2016 3:11

Tgt Ion:172 Resp: 2423822
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.1 20.2 30.4



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

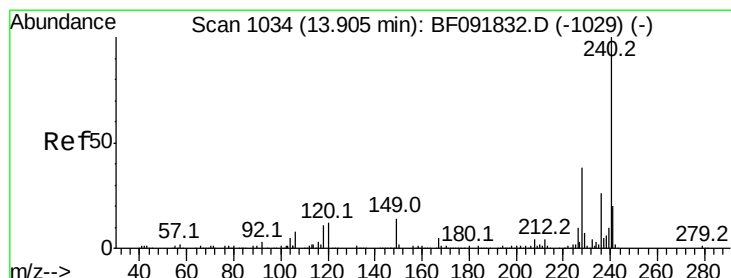
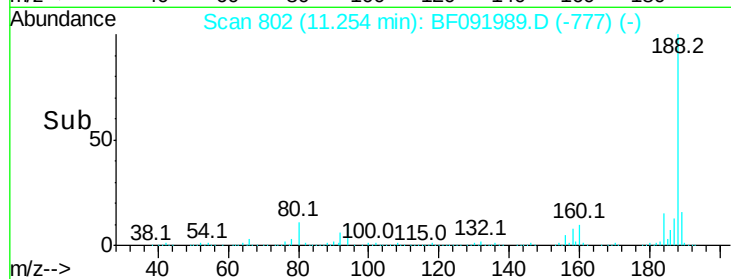
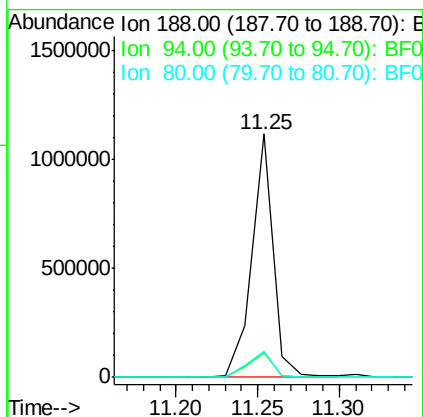
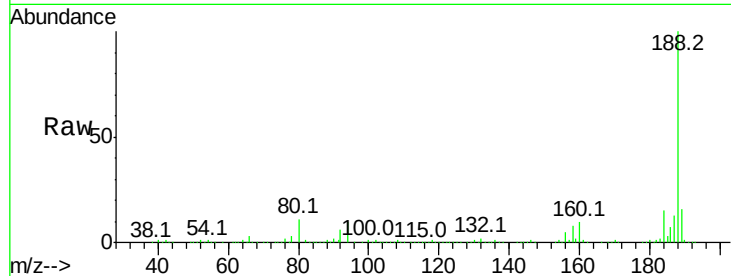




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091989.D
Acq: 28 Dec 2016 3:11

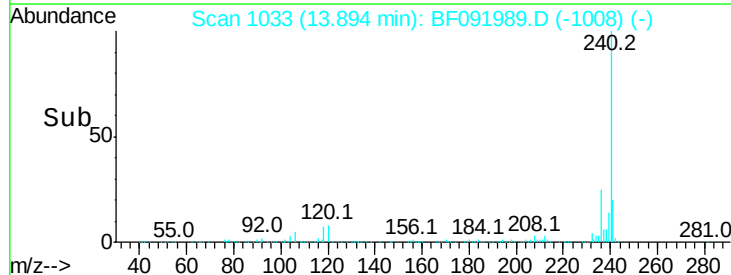
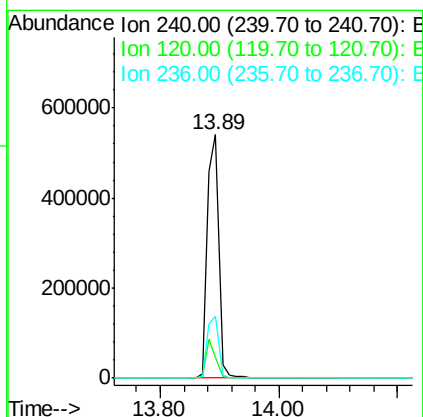
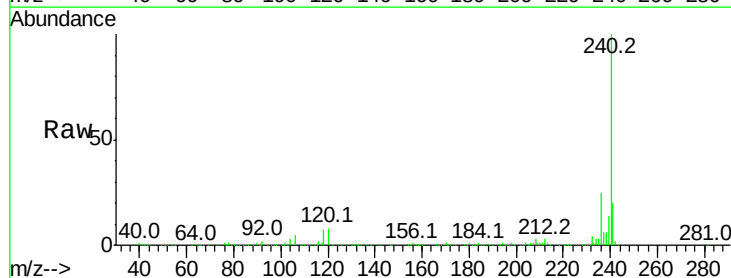
Instrument :
BNA_F
ClientSampleId :
PB95631BL

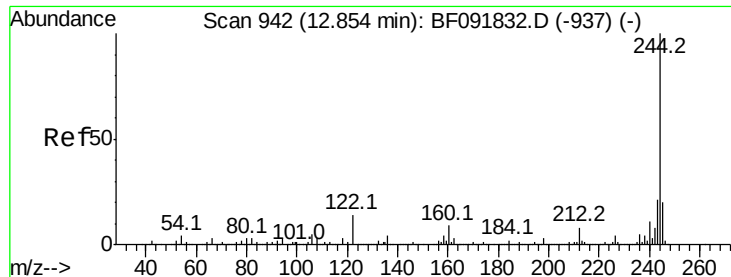
Tot Ion:188 Resp: 1016205
Ion Ratio Lower Upper
188 100
94 10.0 10.0 15.0
80 10.8 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF091989.D
Acq: 28 Dec 2016 3:11

Tgt Ion:240 Resp: 729392
Ion Ratio Lower Upper
240 100
120 8.4 12.9 19.3#
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 74.84 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091989.D

Acq: 28 Dec 2016 3:11

Instrument :

BNA_F

ClientSampleId :

PB95631BL

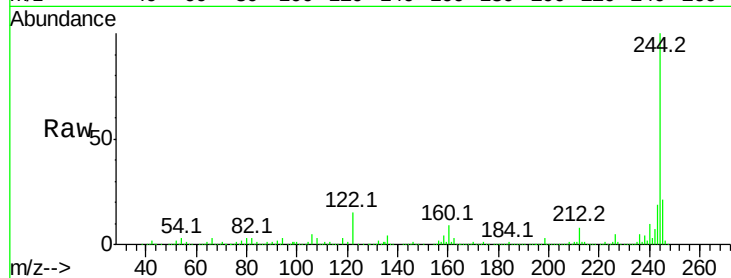
Tot Ion:244 Resp: 2250880

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

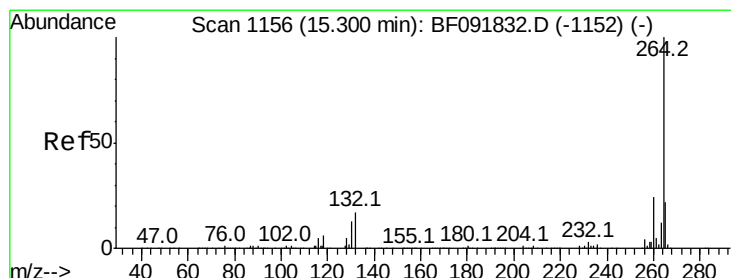
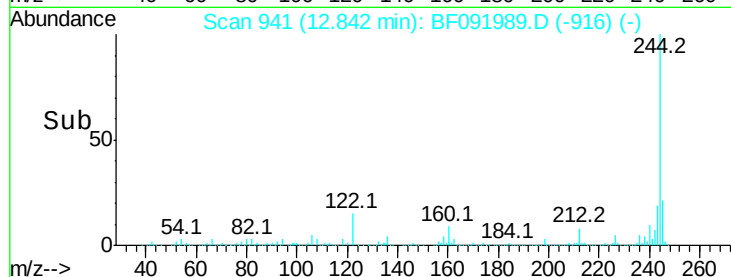
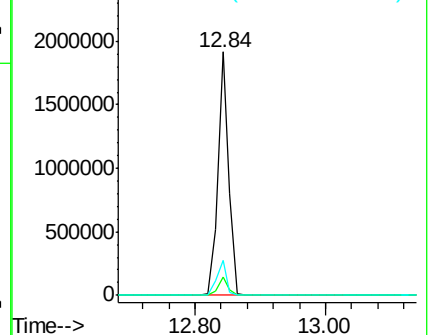
122 14.5 11.4 17.2



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: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF091989.D

Acq: 28 Dec 2016 3:11

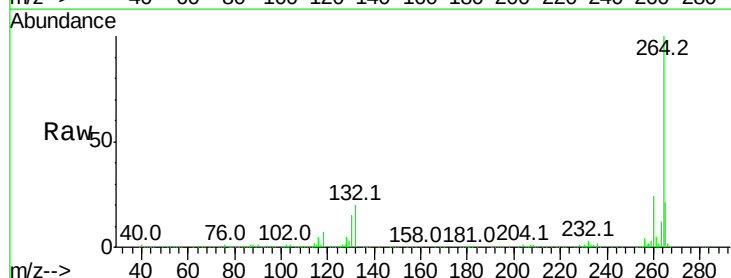
Tgt Ion:264 Resp: 574467

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.3 17.4 26.0



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

