

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
 Data File : BF091471.D
 Acq On : 7 Dec 2016 16:03
 Operator : UM/SJ
 Sample : PB95096BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BL

Quant Time: Dec 08 00:37:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 00:35:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	130066	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	559526	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	290194	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	637460	20.00	ng	0.00
75) Chrysene-d12	13.98	240	552963	20.00	ng	0.00
86) Perylene-d12	15.40	264	386713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	965971	121.33	ng	0.01
7) Phenol-d6	6.47	99	1310899	133.75	ng	0.00
23) Nitrobenzene-d5	7.40	82	871049	87.24	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	447953	163.05	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1569918	97.95	ng	-0.01
78) Terphenyl-d14	12.94	244	1734443	68.17	ng	0.00

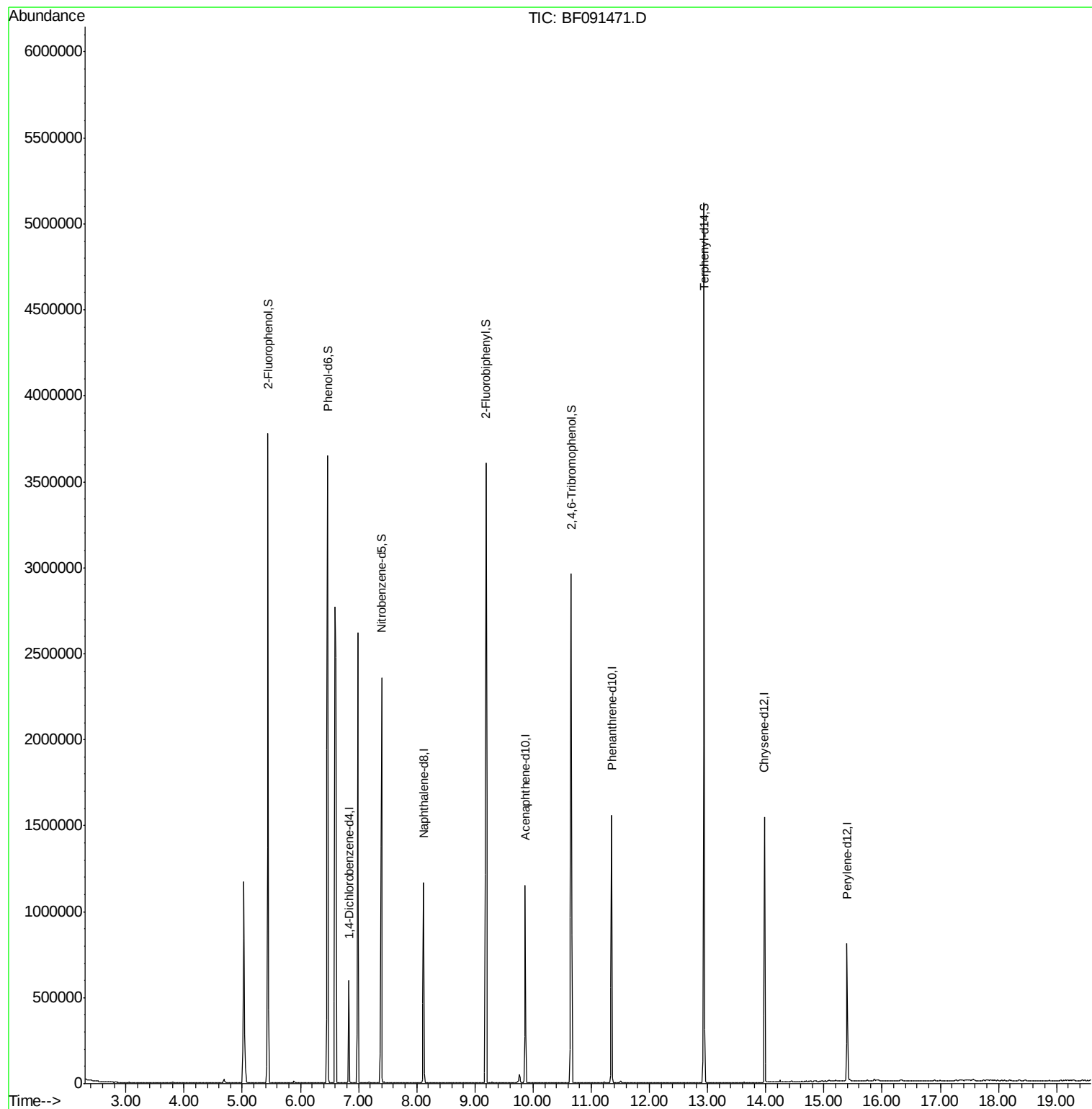
Target Compounds Qvalue

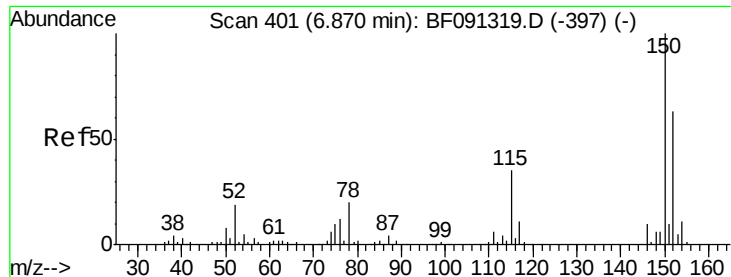
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091471.D
Acq On : 7 Dec 2016 16:03
Operator : UM/SJ
Sample : PB95096BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95096BL

Quant Time: Dec 08 00:37:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 00:35:13 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF091471.D

Acq: 7 Dec 2016 16:03

Instrument :

BNA_F

ClientSampled :

PB95096BL

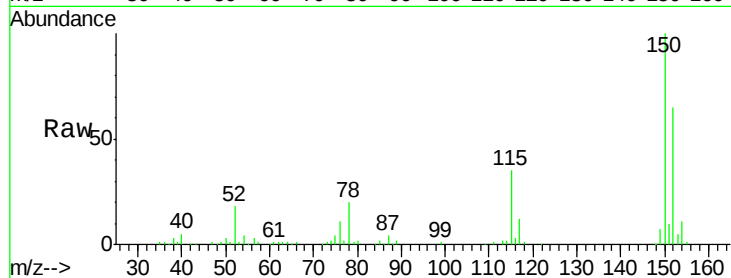
Tot Ion:152 Resp: 130066

Ion Ratio Lower Upper

152 100

150 154.4 122.5 183.7

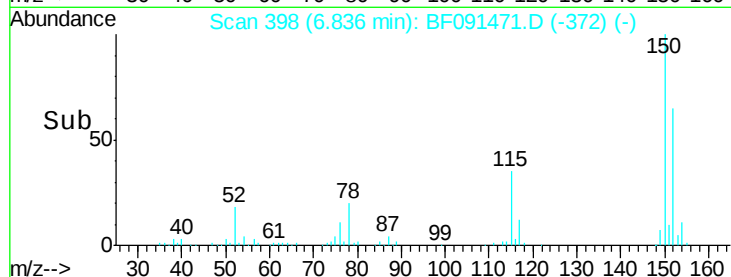
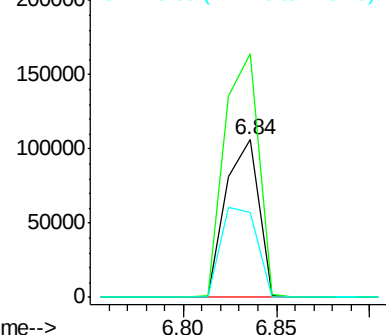
115 53.5 51.8 77.8



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: 121.33 ng

RT: 5.44 min Scan# 276

Delta R.T. 0.01 min

Lab File: BF091471.D

Acq: 7 Dec 2016 16:03

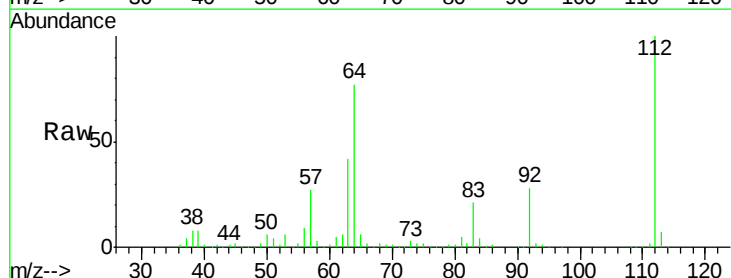
Tgt Ion:112 Resp: 965971

Ion Ratio Lower Upper

112 100

64 77.3 61.5 92.3

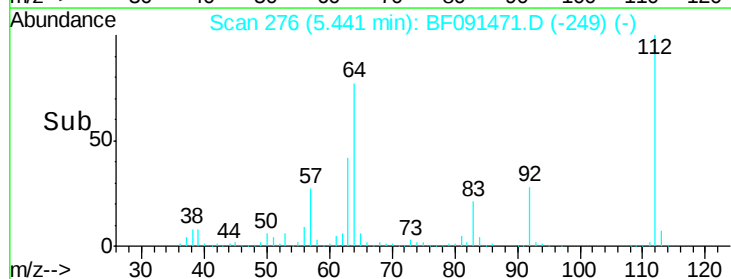
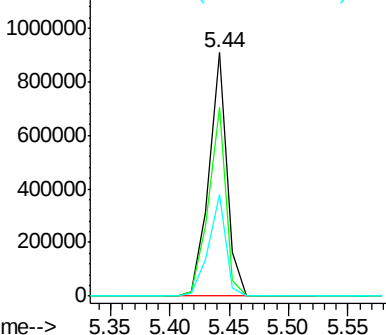
63 41.7 33.3 49.9

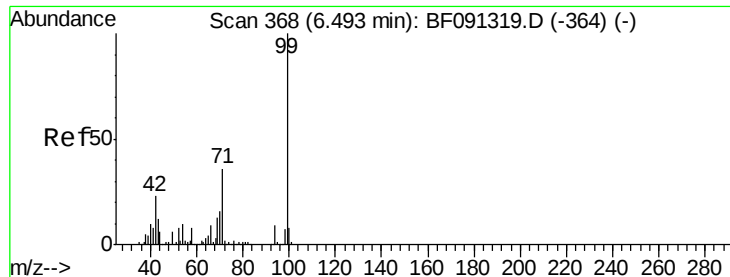


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.75 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF091471.D

Acq: 7 Dec 2016 16:03

Instrument :

BNA_F

ClientSampleId :

PB95096BL

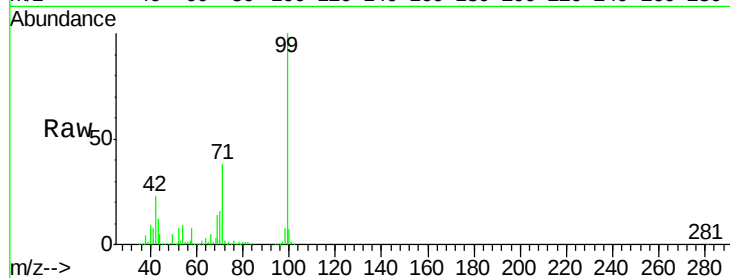
Tot Ion: 99 Resp: 1310899

Ion Ratio Lower Upper

99 100

42 23.1 20.6 31.0

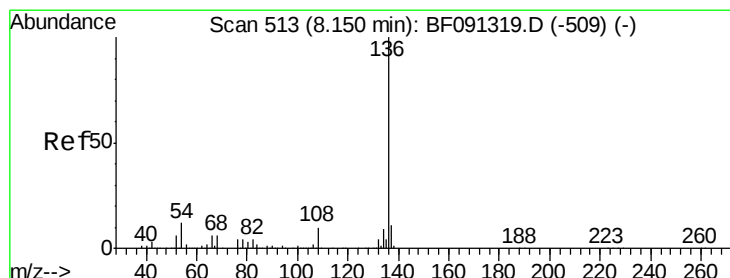
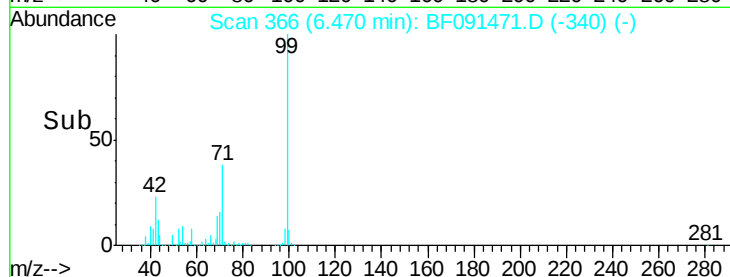
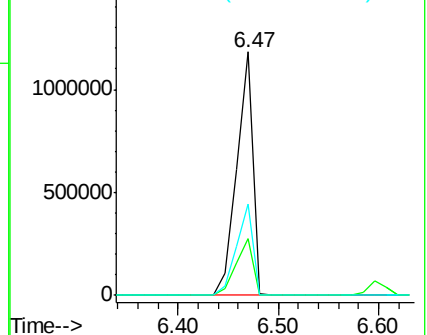
71 37.6 29.9 44.9



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: 8.12 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF091471.D

Acq: 7 Dec 2016 16:03

Tgt Ion: 136 Resp: 559526

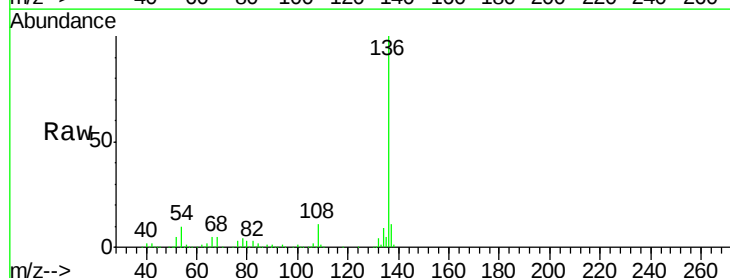
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 10.2 9.1 13.7

68 4.6 5.9 8.9#

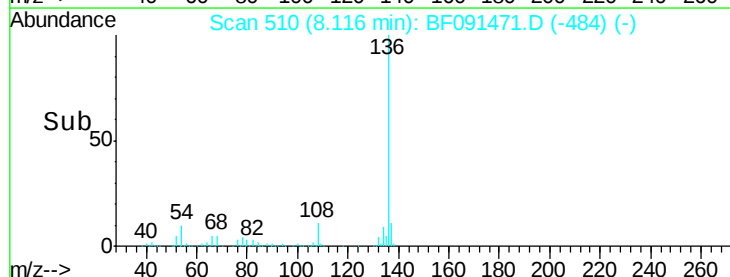
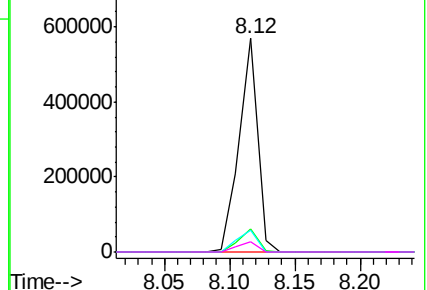


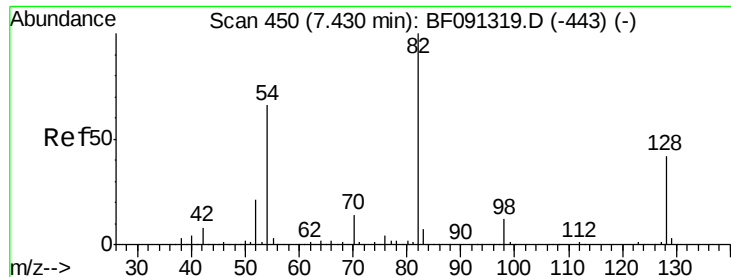
Abundance Ion 136.00 (135.70 to 136.70): E

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

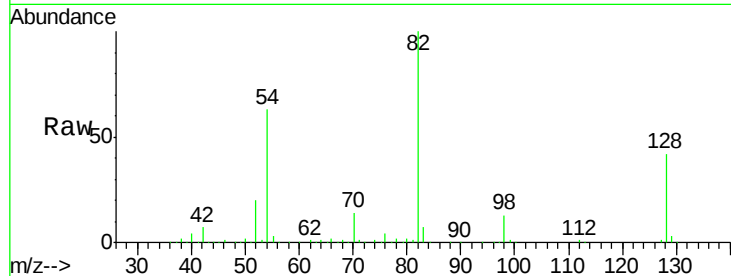




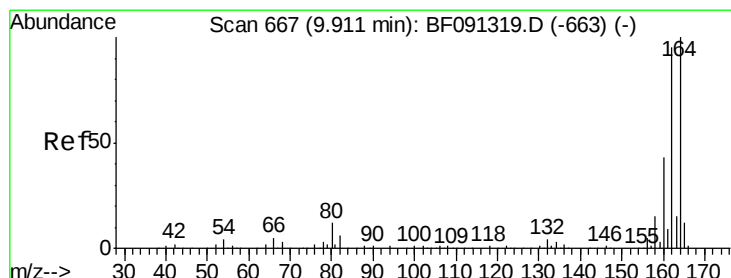
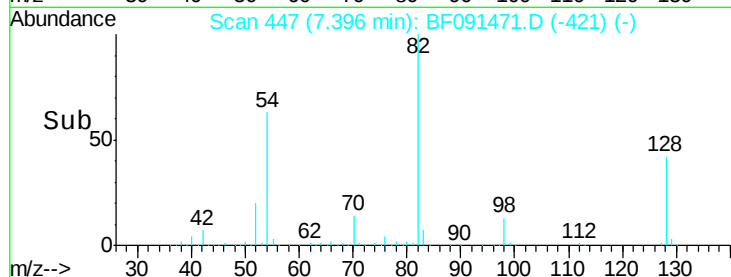
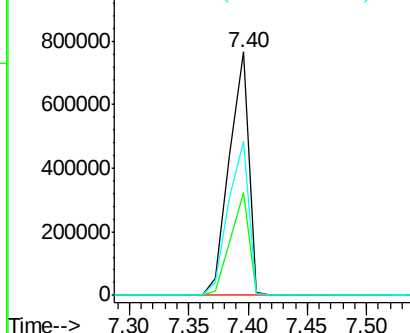
#23
 Nitrobenzene-d5
 Concen: 87.24 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF091471.D
 Acq: 7 Dec 2016 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BL

Tot Ion	82	Resp	871049
Ion Ratio	100	Lower	Upper
128	42.1	31.8	47.6
54	63.5	49.1	73.7

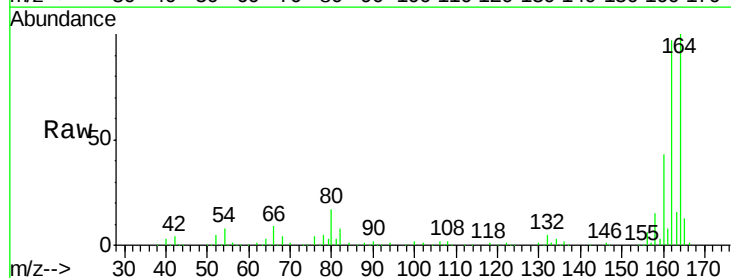


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

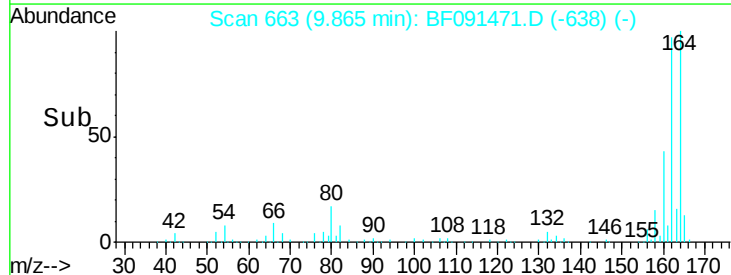
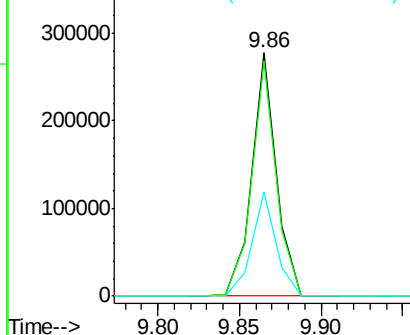


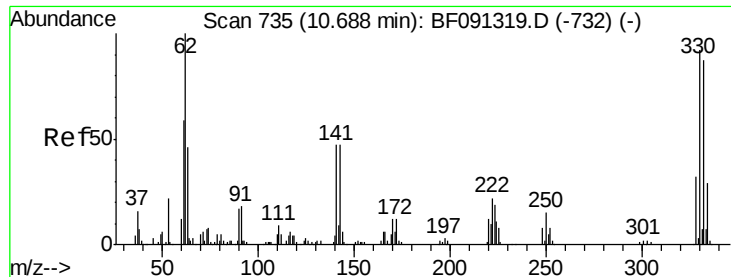
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF091471.D
 Acq: 7 Dec 2016 16:03

Tgt Ion	164	Resp	290194
Ion Ratio	100	Lower	Upper
162	96.5	82.6	124.0
160	42.8	36.7	55.1



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

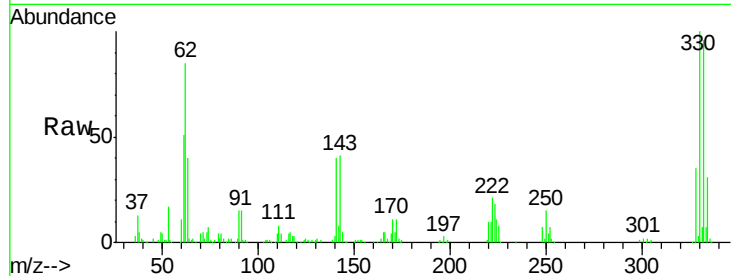




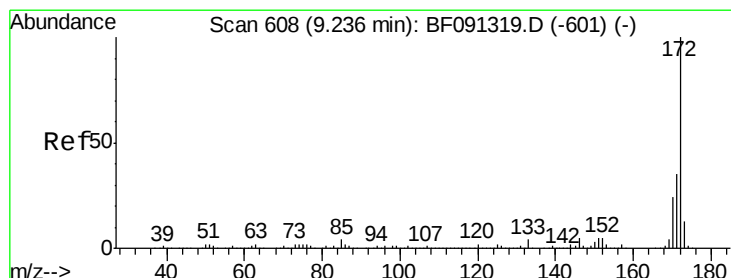
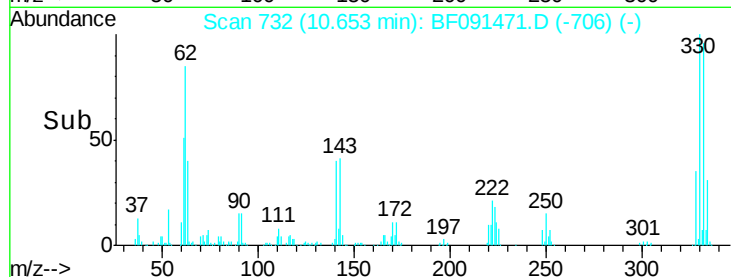
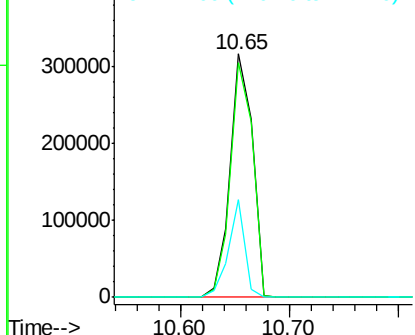
#41
 2,4,6-Tribromophenol
 Concen: 163.05 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF091471.D
 Acq: 7 Dec 2016 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BL

Tot Ion:330 Resp: 447953
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.4
 141 29.5 33.6 50.4#

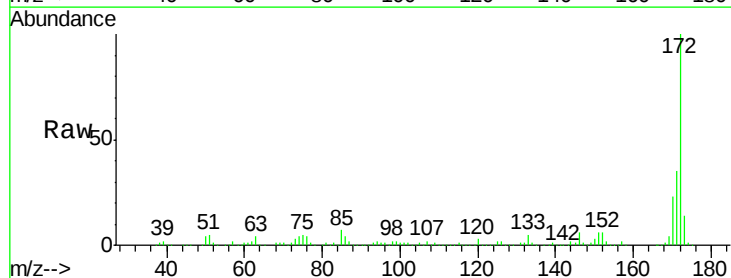


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

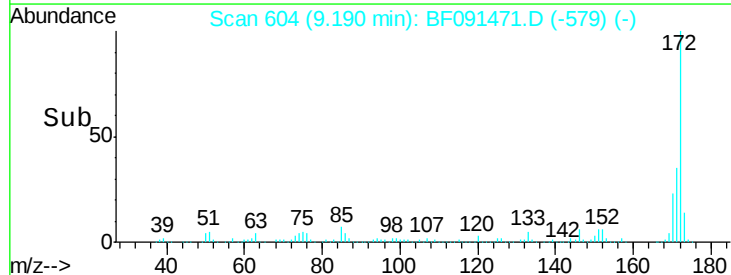
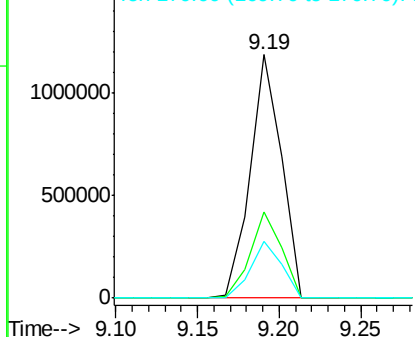


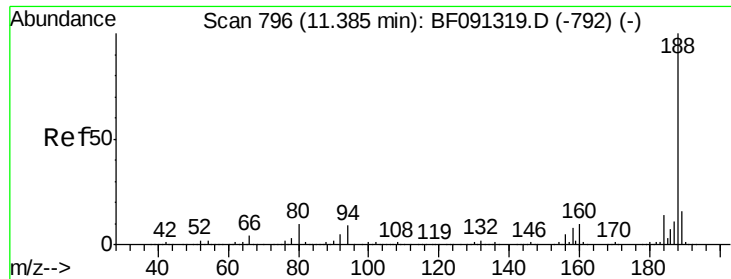
#44
 2-Fluorobiphenyl
 Concen: 97.95 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091471.D
 Acq: 7 Dec 2016 16:03

Tgt Ion:172 Resp: 1569918
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 23.4 19.7 29.5



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

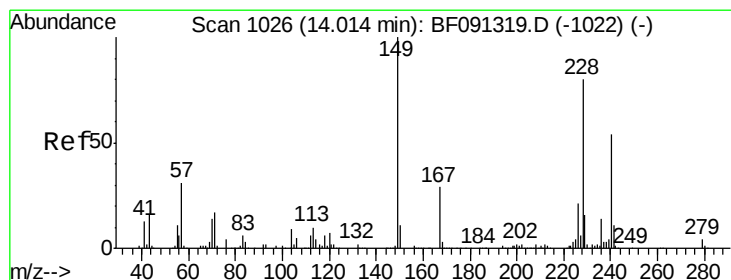
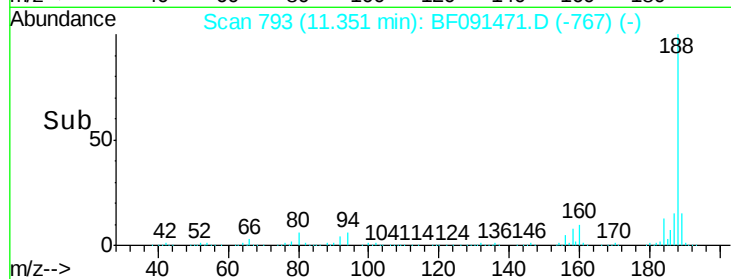
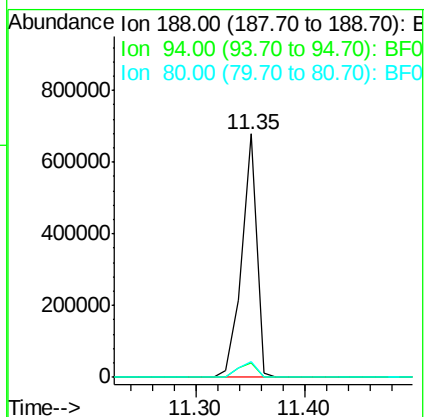
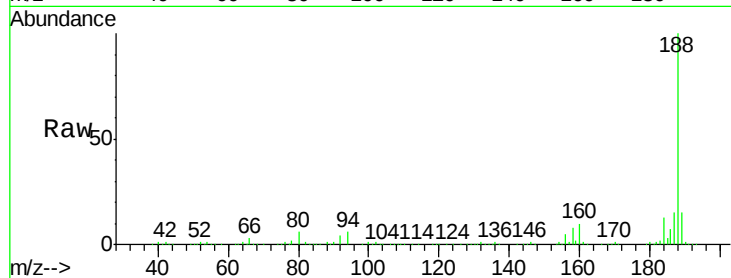




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF091471.D
Acq: 7 Dec 2016 16:03

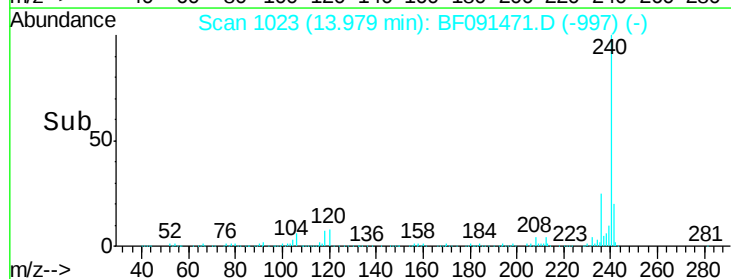
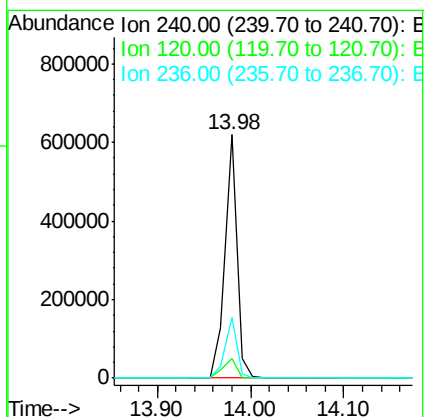
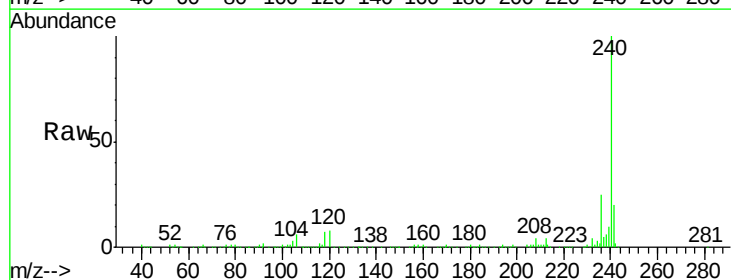
Instrument :
BNA_F
ClientSampleId :
PB95096BL

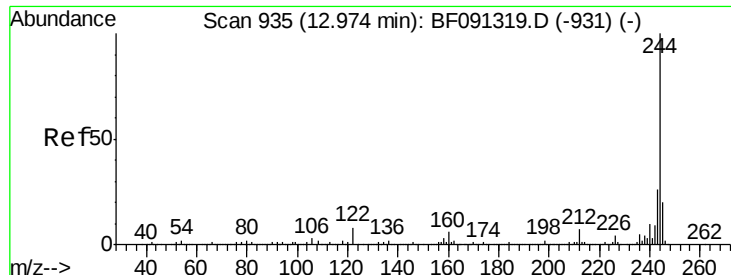
Tot Ion:188 Resp: 637460
Ion Ratio Lower Upper
188 100
94 5.9 9.2 13.8#
80 6.3 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF091471.D
Acq: 7 Dec 2016 16:03

Tgt Ion:240 Resp: 552963
Ion Ratio Lower Upper
240 100
120 8.1 12.1 18.1#
236 25.0 21.0 31.6





#78

Terphenyl-d14

Concen: 68.17 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF091471.D

Acq: 7 Dec 2016 16:03

Instrument :

BNA_F

ClientSampleId :

PB95096BL

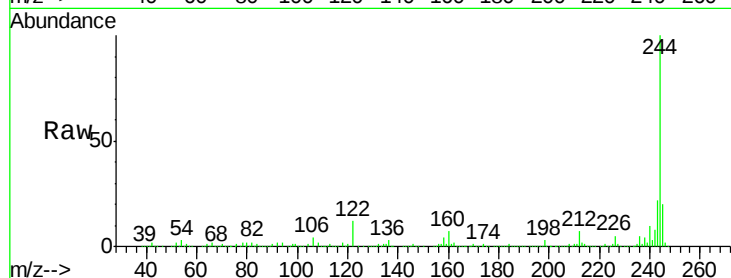
Tot Ion:244 Resp: 1734443

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

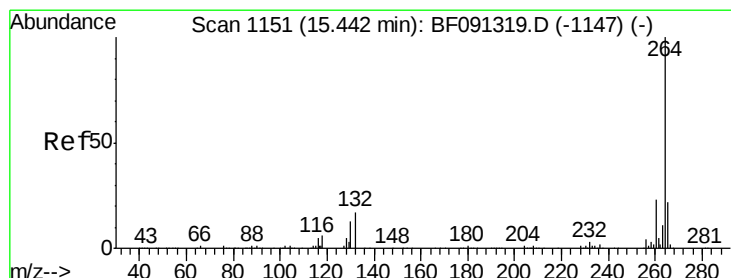
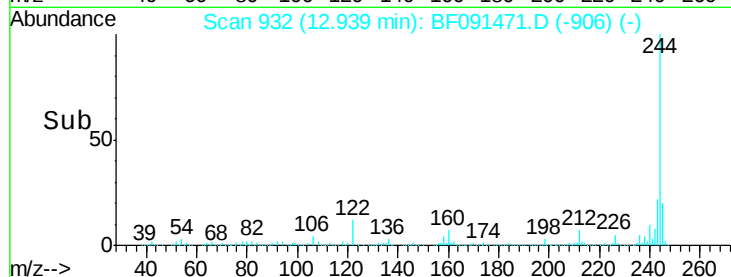
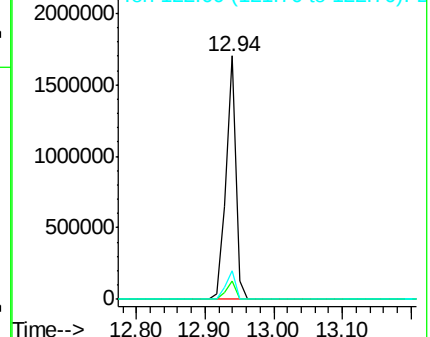
122 11.6 9.5 14.3



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: 15.40 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF091471.D

Acq: 7 Dec 2016 16:03

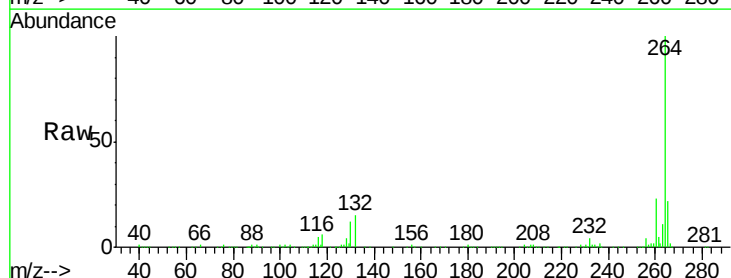
Tgt Ion:264 Resp: 386713

Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 21.5 17.0 25.6



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

