

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
 Data File : BF091337.D
 Acq On : 29 Nov 2016 20:00
 Operator : UM/SJ
 Sample : PB94900BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94900BL

Quant Time: Nov 30 01:01:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	177697	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	758621	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	415856	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	762368	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	571243	20.00	ng	-0.03
86) Perylene-d12	15.44	264	413983	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1374950	126.40	ng	0.00
7) Phenol-d6	6.49	99	1448983	108.21	ng	0.00
23) Nitrobenzene-d5	7.43	82	1099418	81.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	427977	108.71	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1834756	79.89	ng	-0.02
78) Terphenyl-d14	12.97	244	1961373	74.63	ng	-0.02

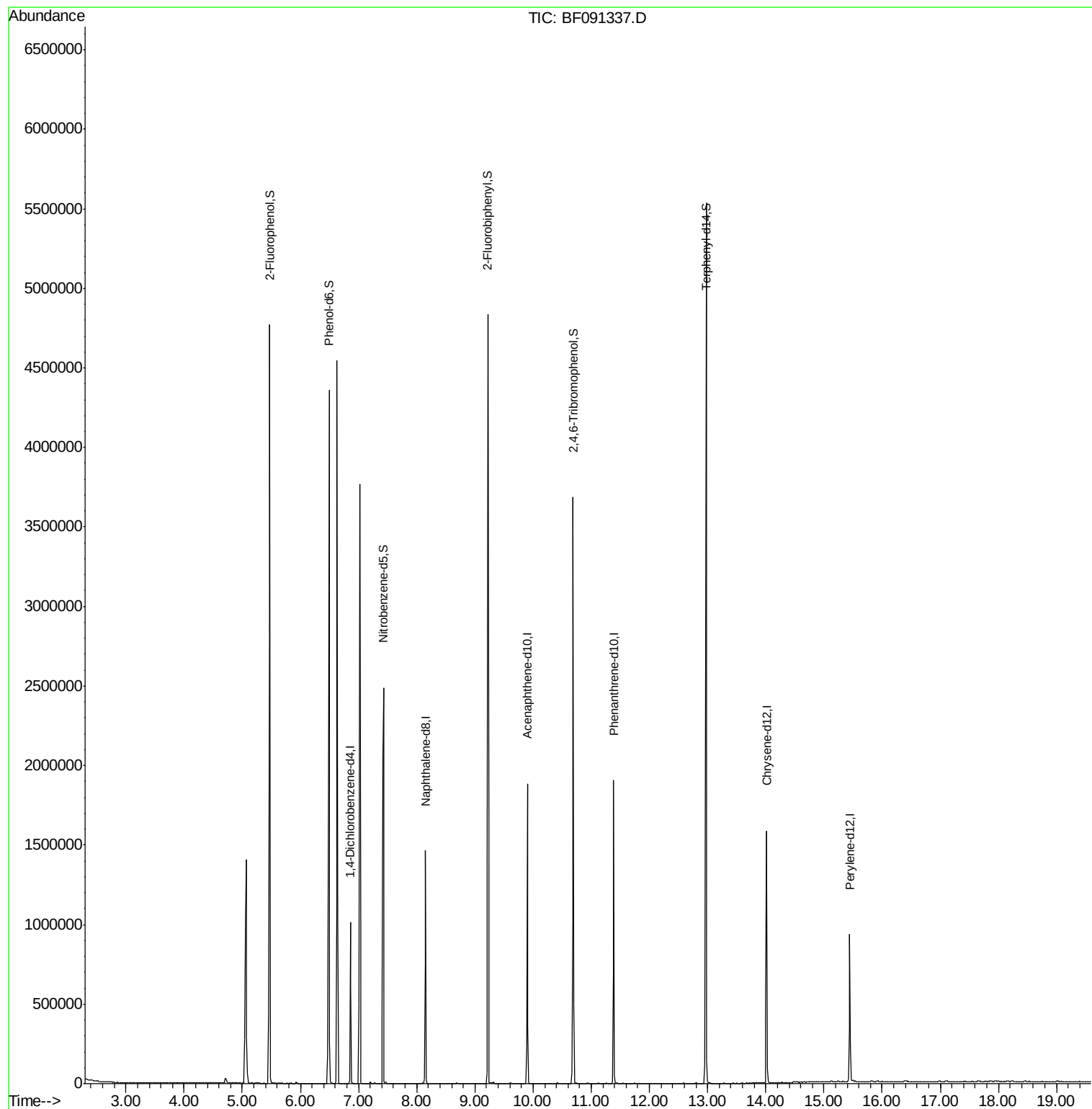
Target Compounds	Qvalue
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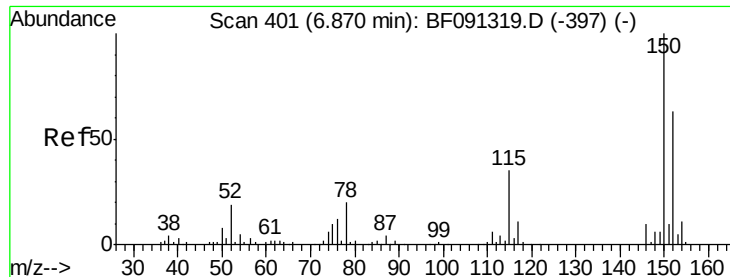
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091337.D

Acq: 29 Nov 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PB94900BL

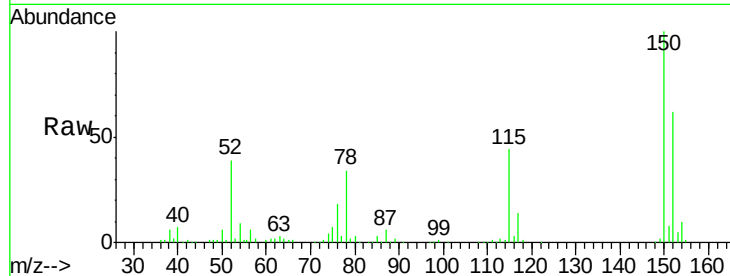
Tgt Ion:152 Resp: 177697

Ion Ratio Lower Upper

152 100

150 162.1 122.5 183.7

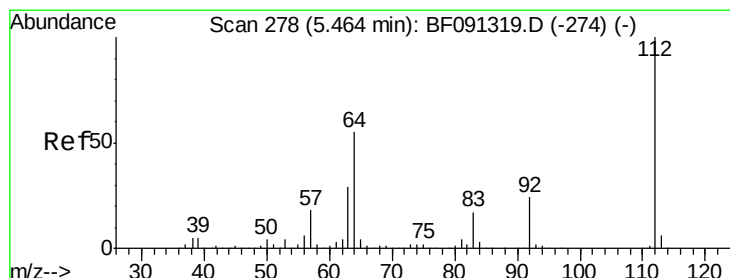
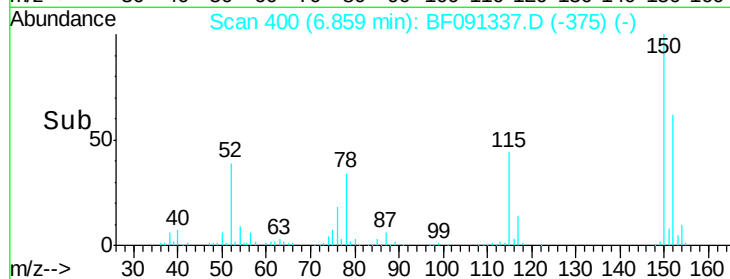
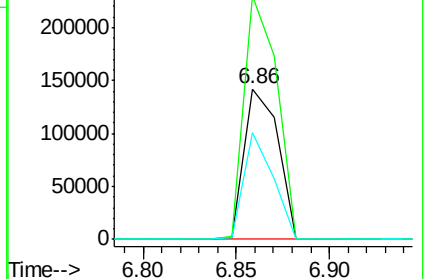
115 71.4 51.8 77.8



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: 126.40 ng

RT: 5.48 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF091337.D

Acq: 29 Nov 2016 20:00

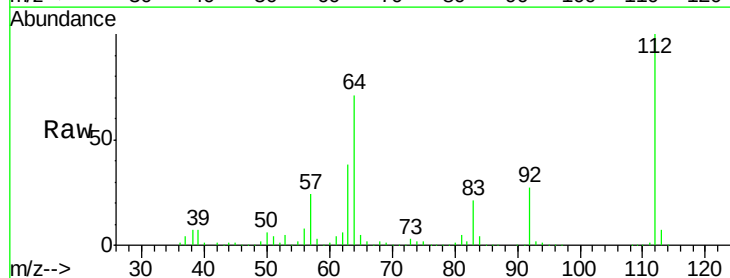
Tgt Ion:112 Resp: 1374950

Ion Ratio Lower Upper

112 100

64 70.5 61.5 92.3

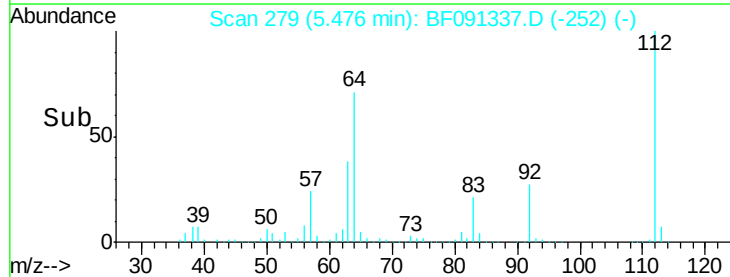
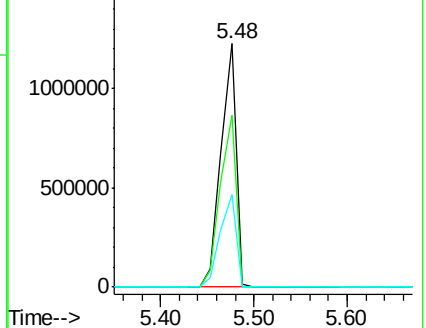
63 38.1 33.3 49.9

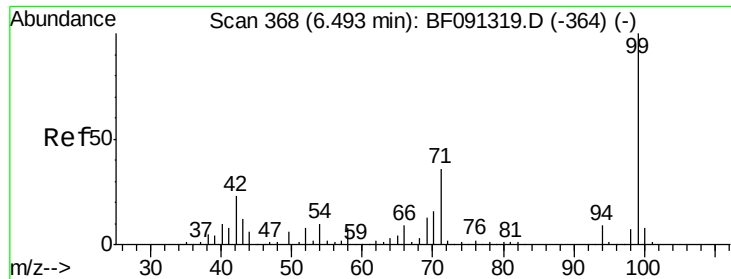


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.21 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091337.D

Acq: 29 Nov 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PB94900BL

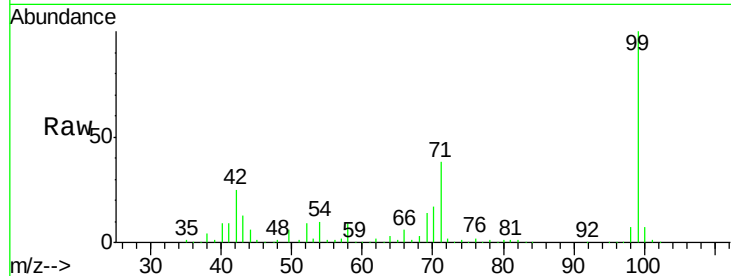
Tgt Ion: 99 Resp: 1448983

Ion Ratio Lower Upper

99 100

42 24.7 20.6 31.0

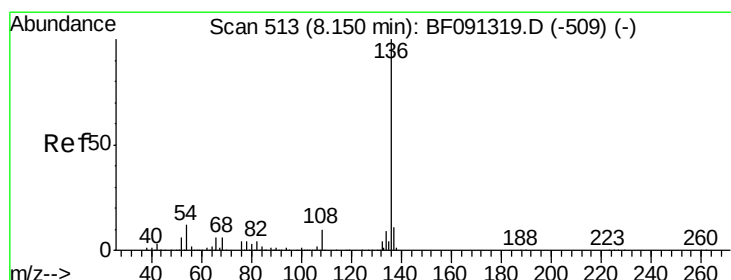
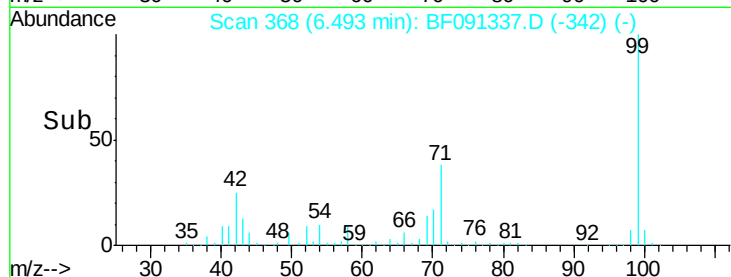
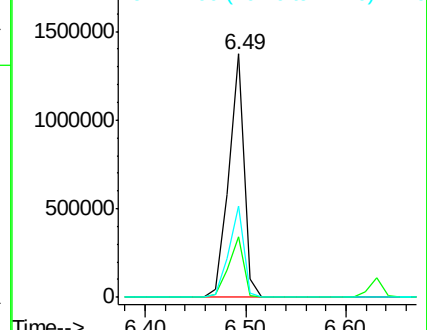
71 37.6 29.9 44.9



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: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091337.D

Acq: 29 Nov 2016 20:00

Tgt Ion: 136 Resp: 758621

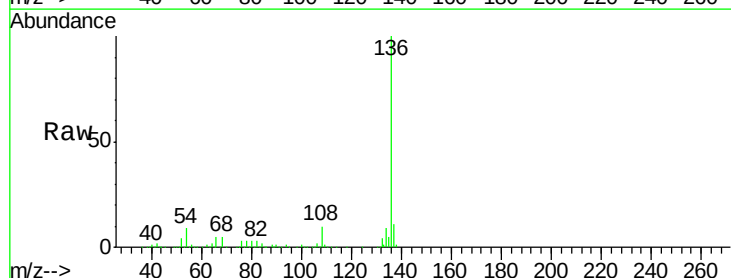
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.9 9.1 13.7#

68 4.5 5.9 8.9#

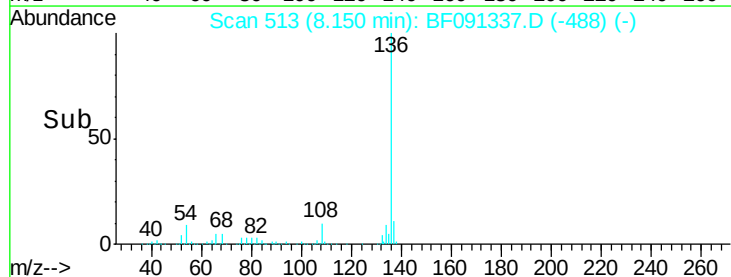
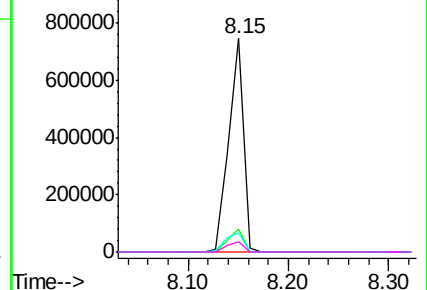


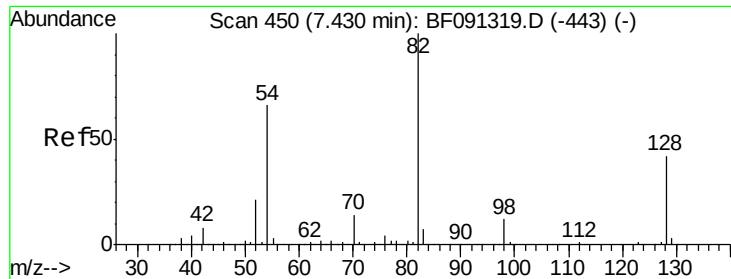
Abundance Ion 136.00 (135.70 to 136.70): E

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

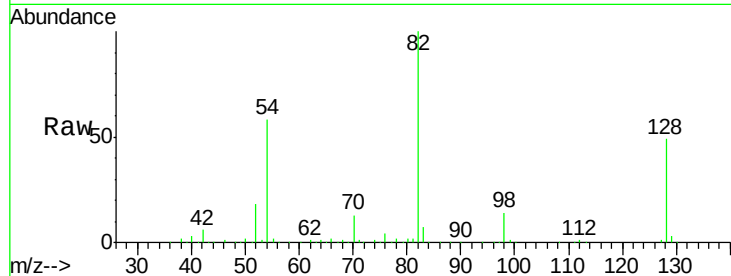




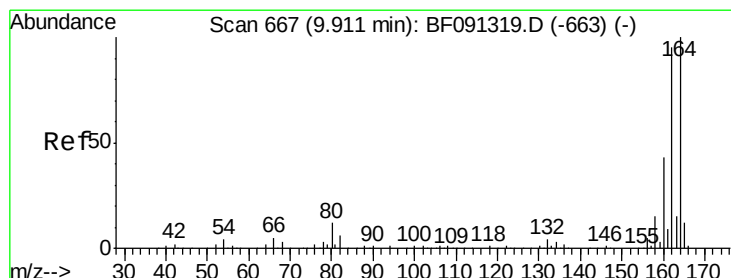
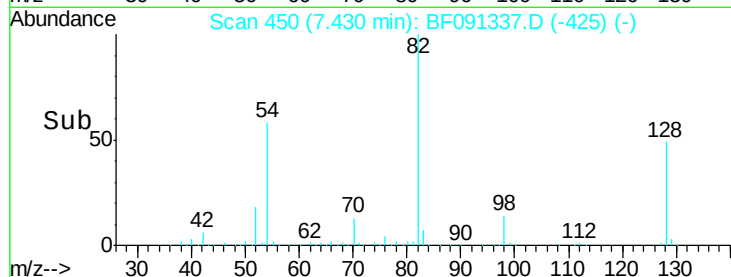
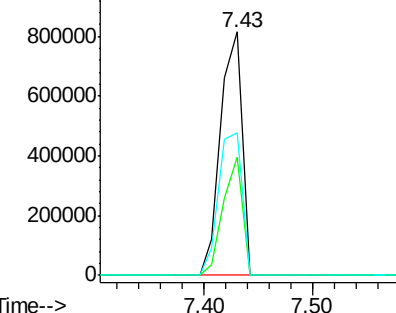
#23
 Nitrobenzene-d5
 Concen: 81.22 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091337.D
 Acq: 29 Nov 2016 20:00

Instrument :
 BNA_F
 ClientSampleID :
 PB94900BL

Tgt Ion: 82 Resp: 1099418
 Ion Ratio Lower Upper
 82 100
 128 48.8 31.8 47.6#
 54 58.4 49.1 73.7

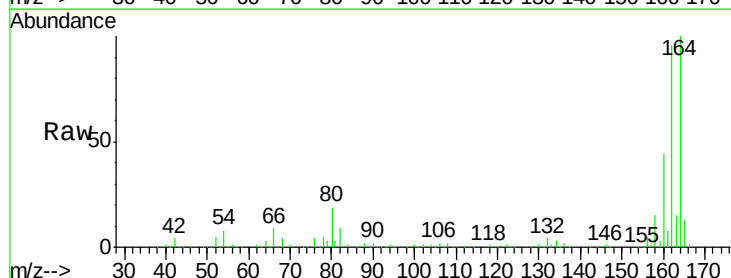


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

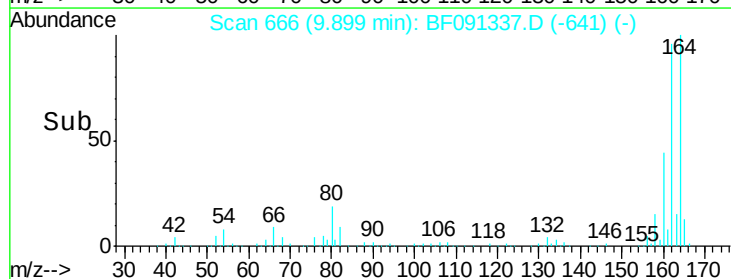
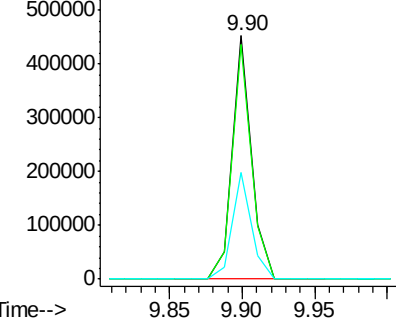


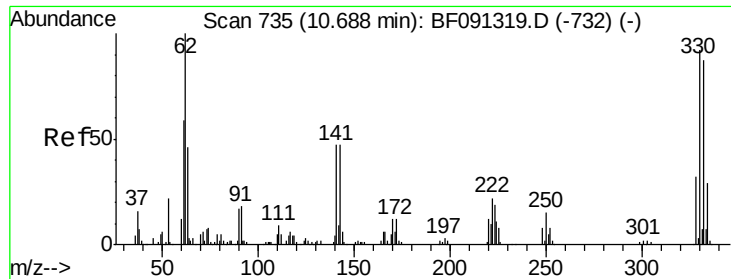
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF091337.D
 Acq: 29 Nov 2016 20:00

Tgt Ion: 164 Resp: 415856
 Ion Ratio Lower Upper
 164 100
 162 96.2 82.6 124.0
 160 43.6 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

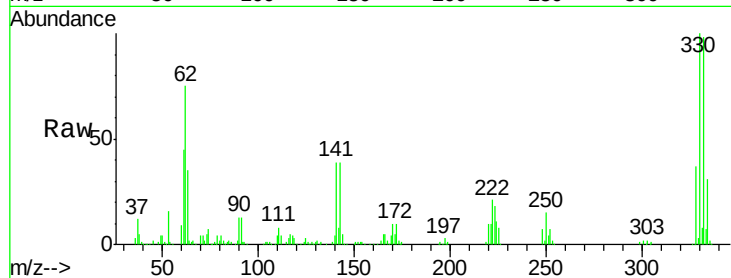




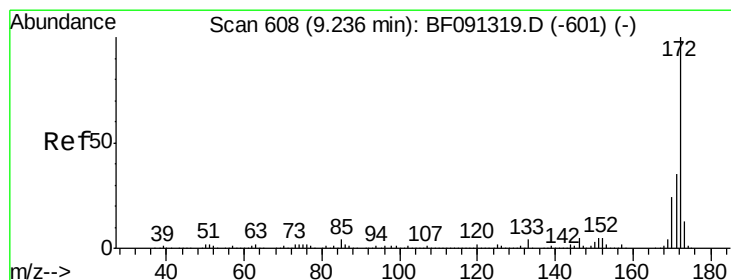
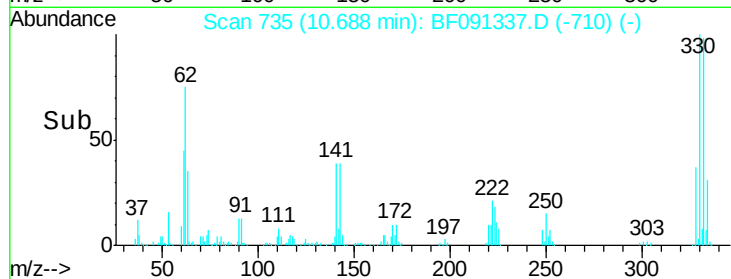
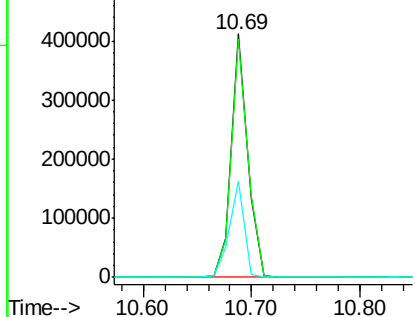
#41
 2,4,6-Tribromophenol
 Concen: 108.71 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091337.D
 Acq: 29 Nov 2016 20:00

Instrument :
 BNA_F
 ClientSampled :
 PB94900BL

Tgt Ion:330 Resp: 427977
 Ion Ratio Lower Upper
 330 100
 332 98.8 76.2 114.4
 141 35.5 33.6 50.4

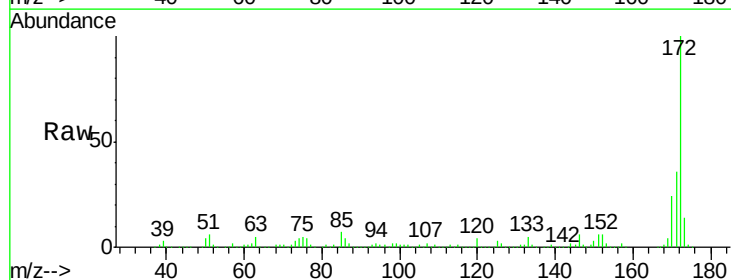


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

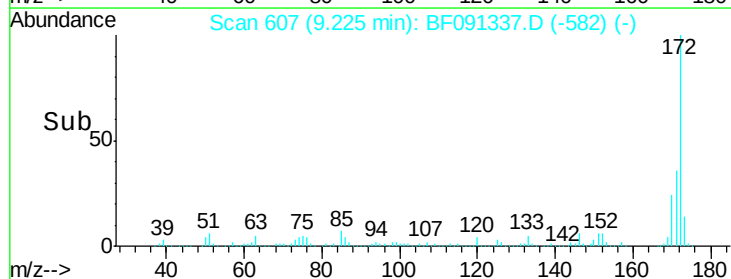
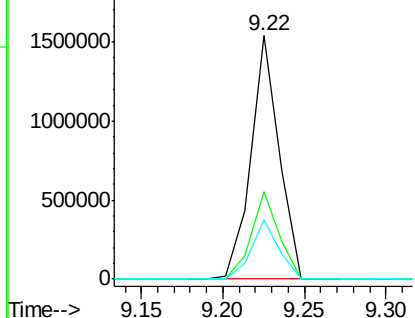


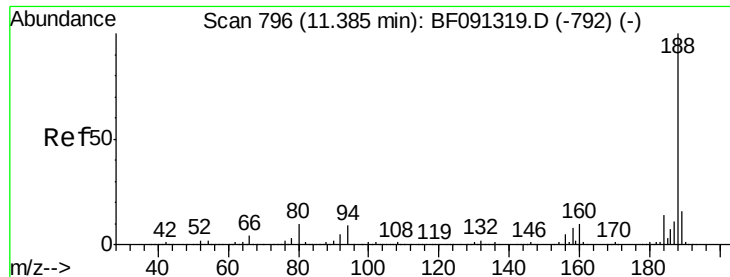
#44
 2-Fluorobiphenyl
 Concen: 79.89 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091337.D
 Acq: 29 Nov 2016 20:00

Tgt Ion:172 Resp: 1834756
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.4 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

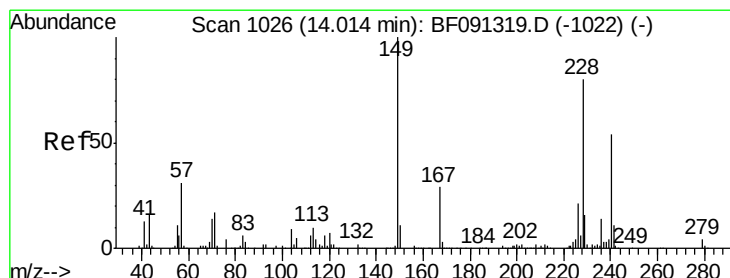
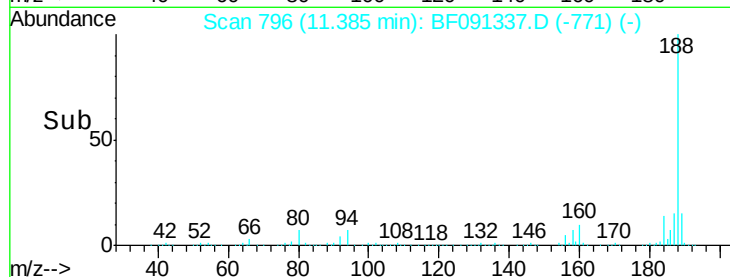
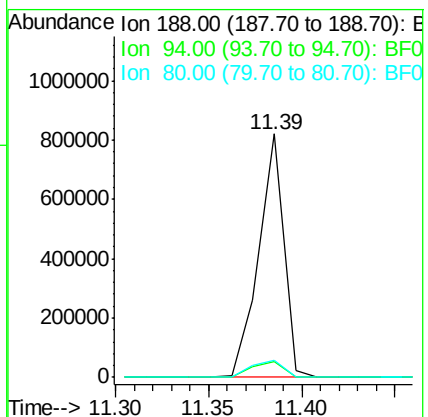
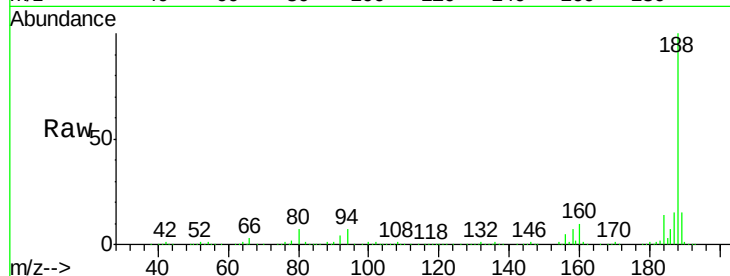




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091337.D
Acq: 29 Nov 2016 20:00

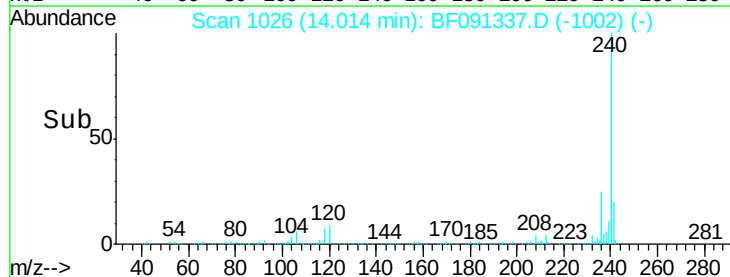
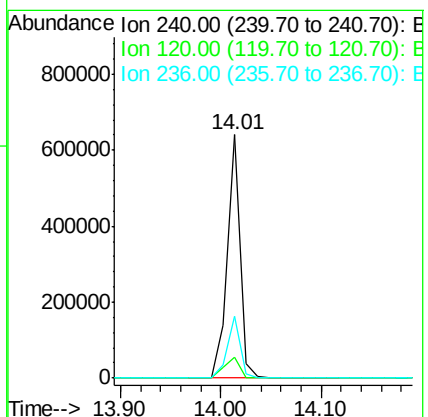
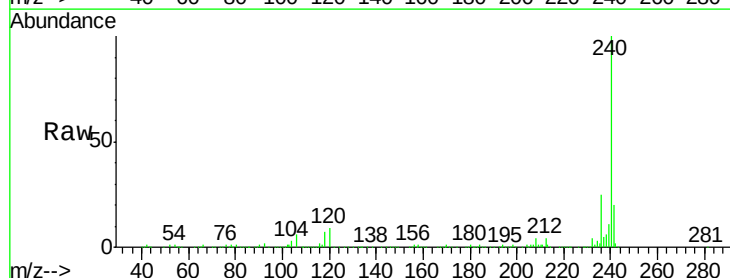
Instrument :
BNA_F
ClientSampled :
PB94900BL

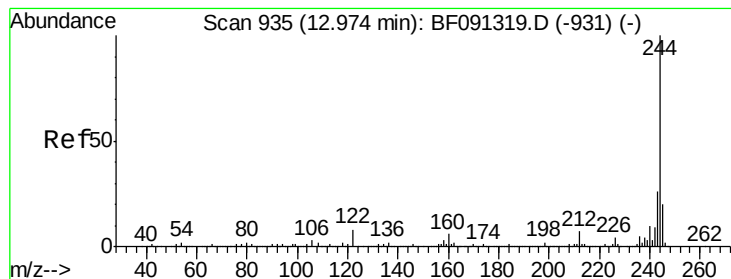
Tgt Ion:188 Resp: 762368
Ion Ratio Lower Upper
188 100
94 6.6 9.2 13.8#
80 7.0 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091337.D
Acq: 29 Nov 2016 20:00

Tgt Ion:240 Resp: 571243
Ion Ratio Lower Upper
240 100
120 8.6 12.1 18.1#
236 25.2 21.0 31.6





#78

Terphenyl-d14

Concen: 74.63 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091337.D

Acq: 29 Nov 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PB94900BL

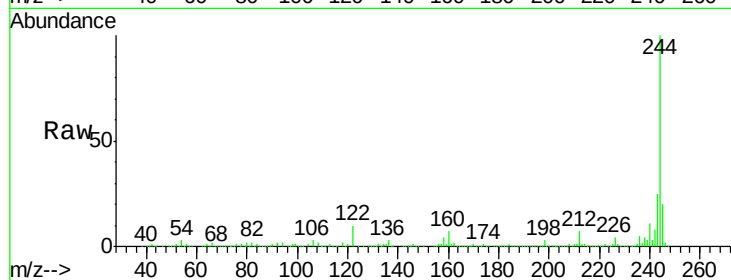
Tgt Ion:244 Resp: 1961373

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 9.7 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

2500000

2000000

1500000

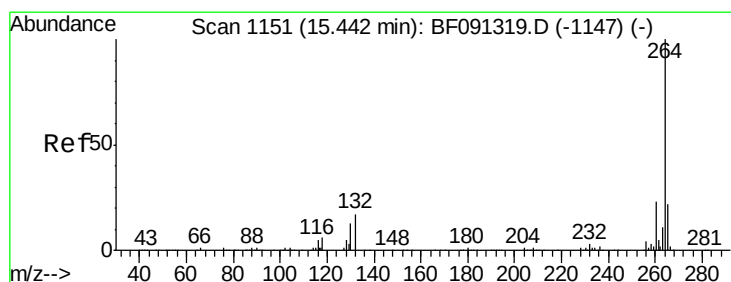
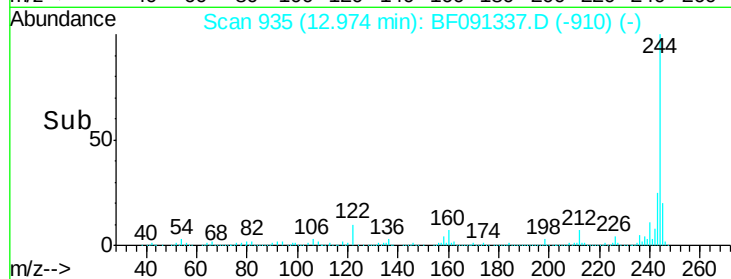
1000000

500000

0

12.90 13.00 13.10 13.20

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF091337.D

Acq: 29 Nov 2016 20:00

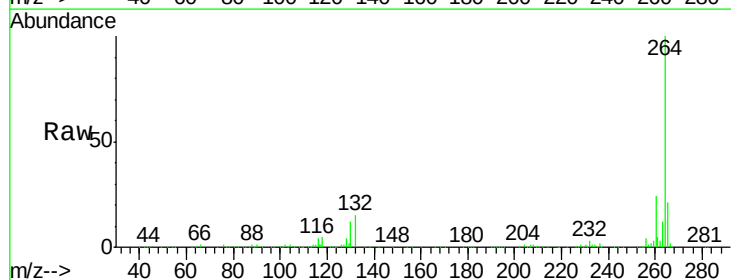
Tgt Ion:264 Resp: 413983

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.3 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

500000

400000

300000

200000

100000

0

15.40 15.60

Time-->

