

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
 Data File : BF092350.D
 Acq On : 18 Jan 2017 14:45
 Operator : UM/SJ
 Sample : PB96090BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BL

Quant Time: Jan 19 02:29:01 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 01:06:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	148143	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	598672	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	294986	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	476281	20.00	ng	0.00
75) Chrysene-d12	13.69	240	298528	20.00	ng	-0.01
86) Perylene-d12	15.03	264	279872	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1426086	160.74	ng	0.01
7) Phenol-d6	6.21	99	1537100	141.90	ng	-0.01
23) Nitrobenzene-d5	7.11	82	899608	83.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	342354	140.24	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	1541735	111.04	ng	-0.01
78) Terphenyl-d14	12.65	244	1357427	110.28	ng	0.00

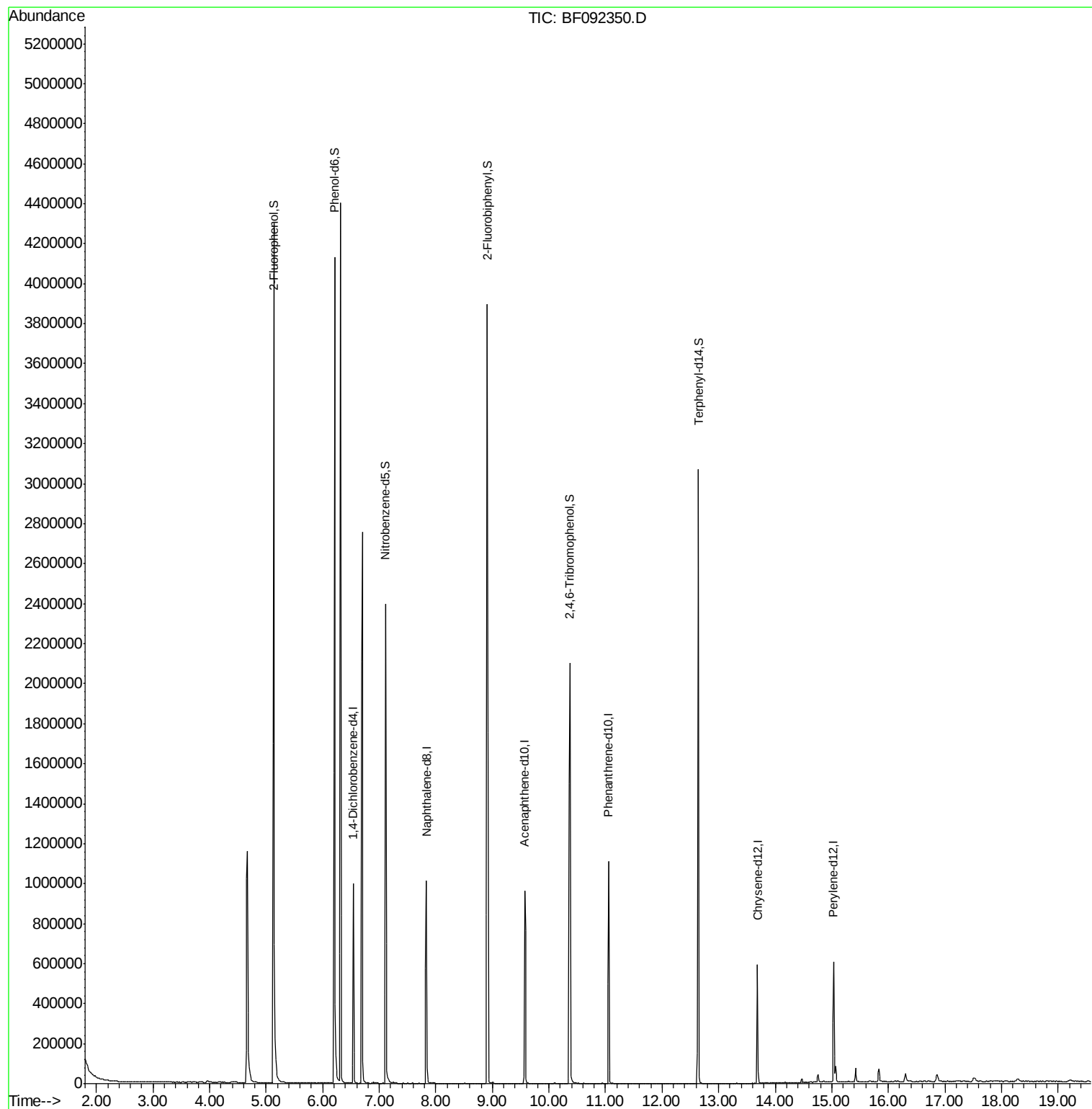
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092350.D

Acq: 18 Jan 2017 14:45

Instrument :

BNA_F

ClientSampleId :

PB96090BL

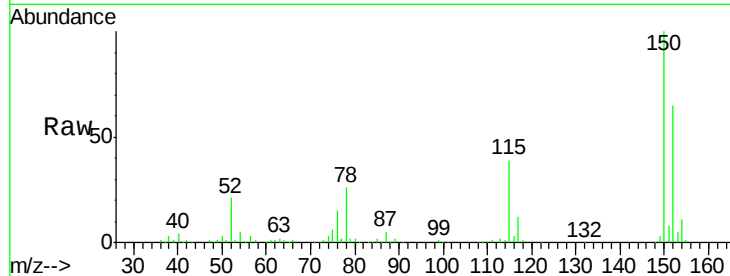
Tgt Ion:152 Resp: 148143

Ion Ratio Lower Upper

152 100

150 154.2 124.9 187.3

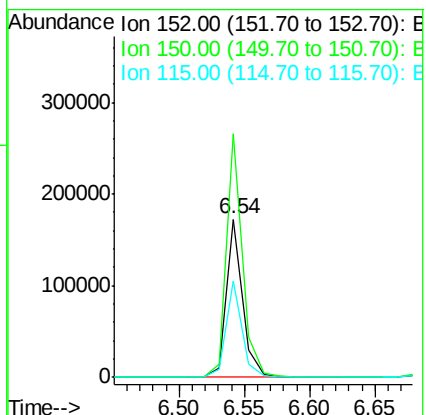
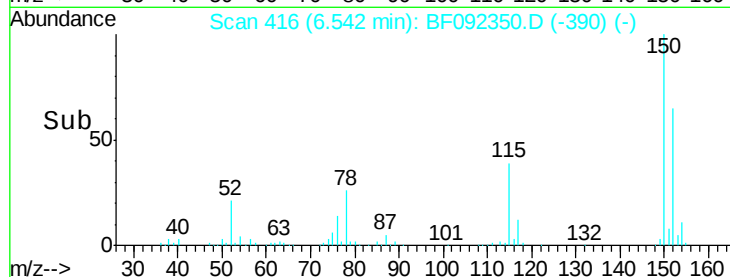
115 60.8 46.0 69.0



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: 160.74 ng

RT: 5.14 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF092350.D

Acq: 18 Jan 2017 14:45

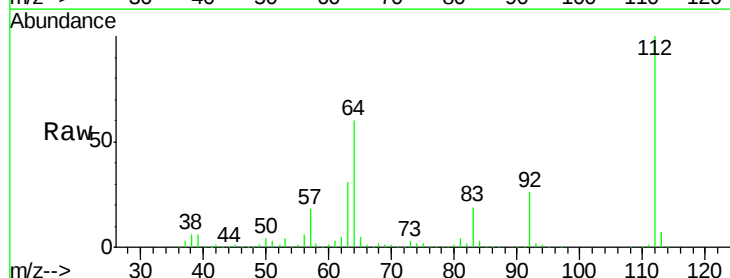
Tgt Ion:112 Resp: 1426086

Ion Ratio Lower Upper

112 100

64 60.4 46.1 69.1

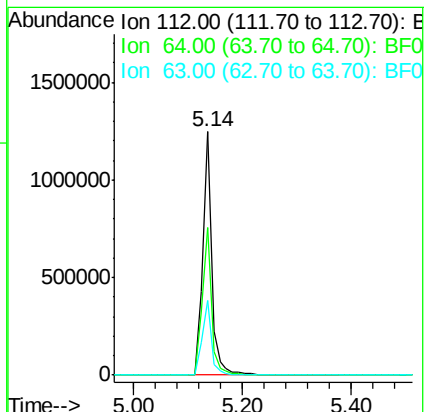
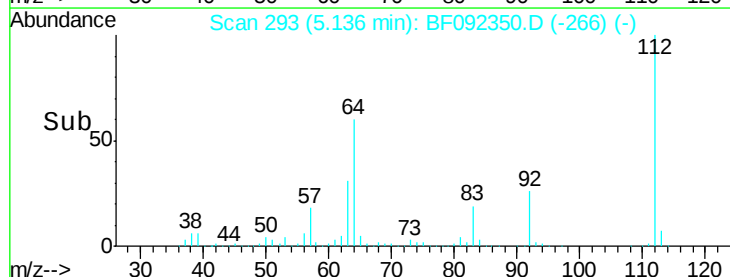
63 30.7 23.8 35.6



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: 141.90 ng

RT: 6.21 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF092350.D

Acq: 18 Jan 2017 14:45

Instrument :

BNA_F

ClientSampleId :

PB96090BL

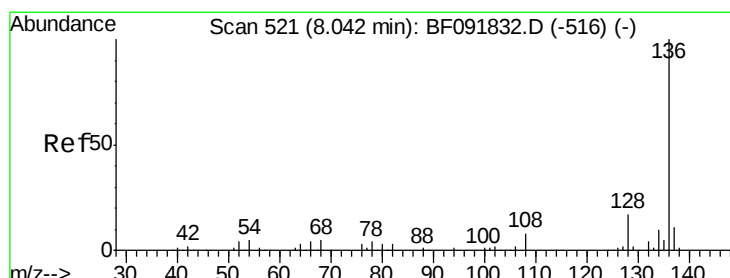
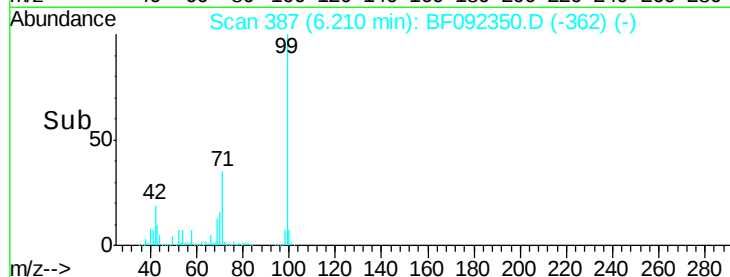
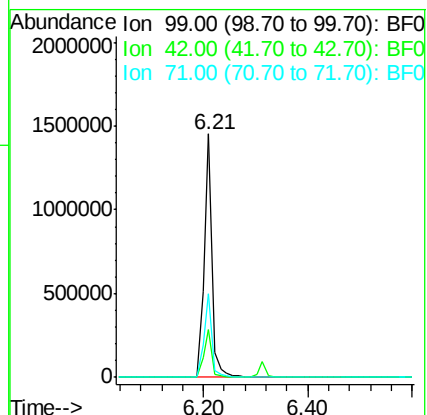
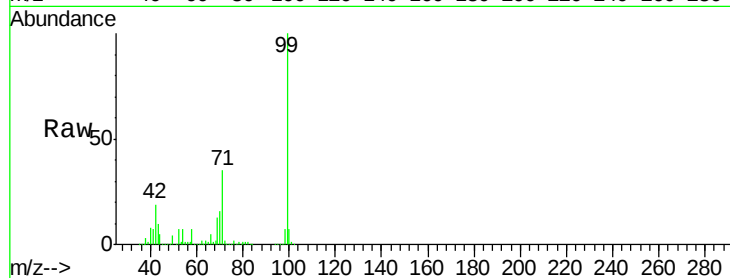
Tgt Ion: 99 Resp: 1537100

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

71 34.6 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF092350.D

Acq: 18 Jan 2017 14:45

Tgt Ion: 136 Resp: 598672

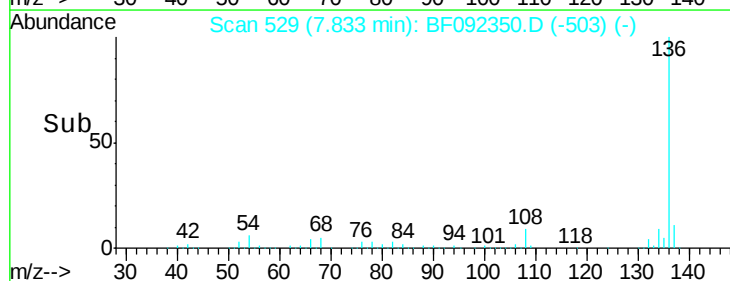
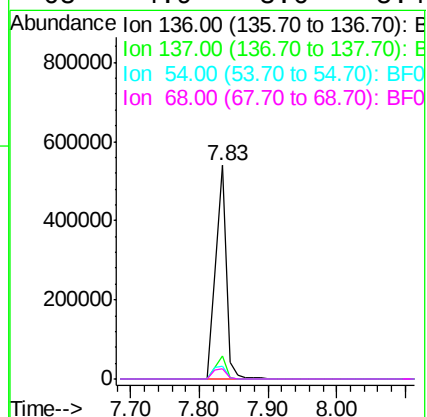
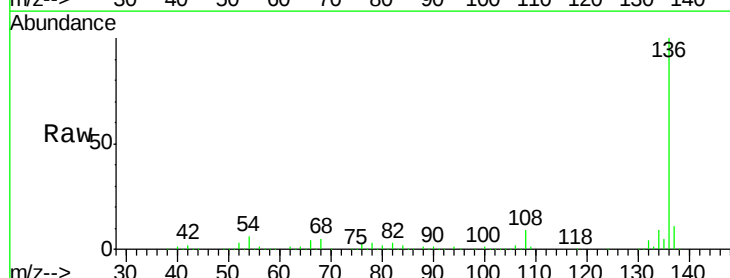
Ion Ratio Lower Upper

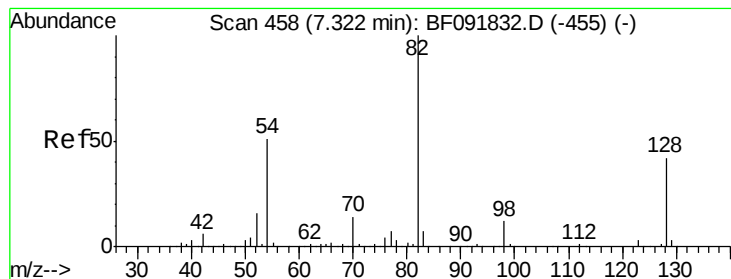
136 100

137 10.5 8.4 12.6

54 5.9 4.5 6.7

68 4.9 3.6 5.4





#23

Nitrobenzene-d5

Concen: 83.56 ng

RT: 7.11 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF092350.D

Acq: 18 Jan 2017 14:45

Instrument :

BNA_F

ClientSampled :

PB96090BL

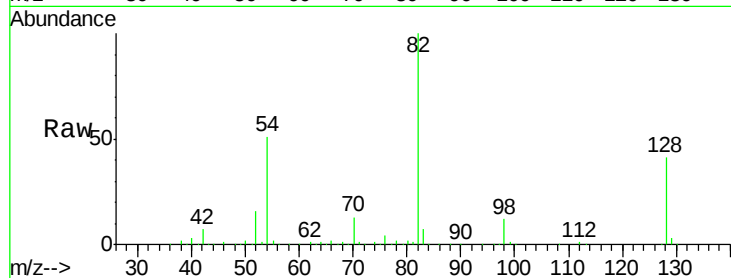
Tgt Ion: 82 Resp: 899608

Ion Ratio Lower Upper

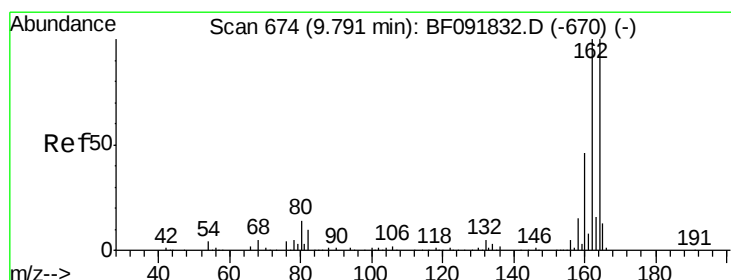
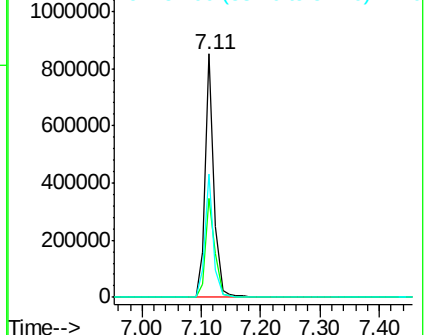
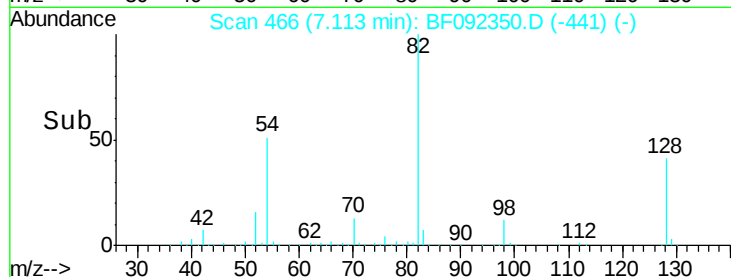
82 100

128 40.6 34.6 52.0

54 50.5 39.5 59.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092350.D

Acq: 18 Jan 2017 14:45

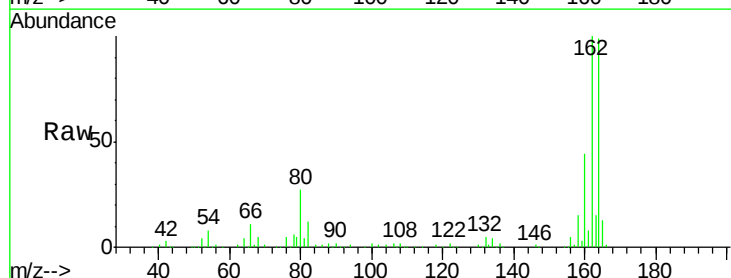
Tgt Ion: 164 Resp: 294986

Ion Ratio Lower Upper

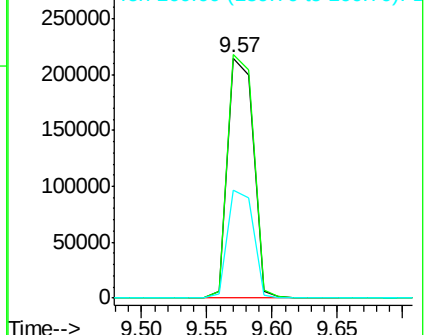
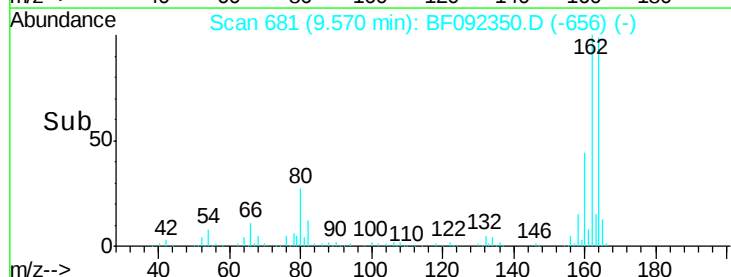
164 100

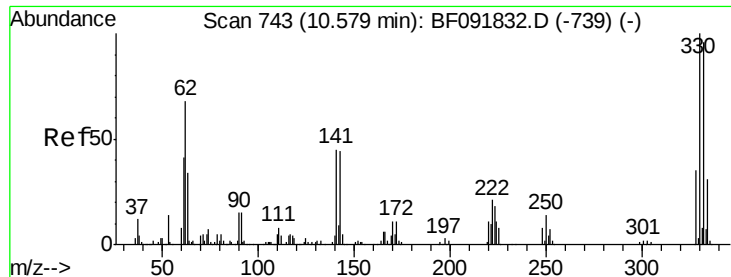
162 101.4 80.2 120.2

160 44.9 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

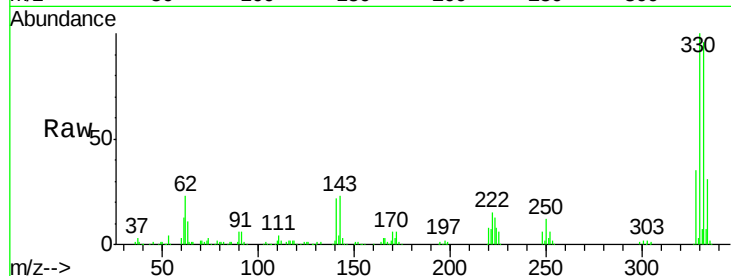




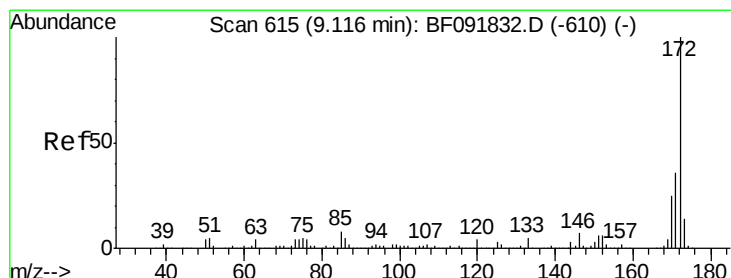
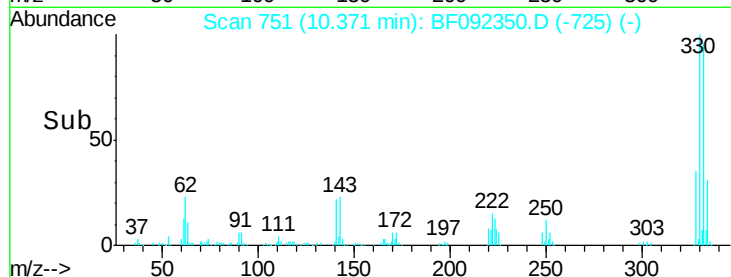
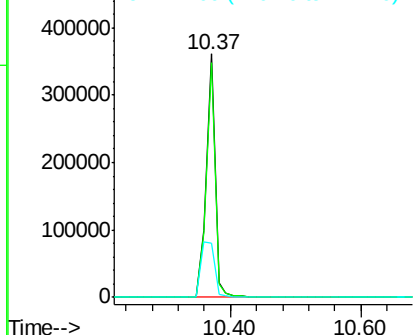
#41
 2,4,6-Tribromophenol
 Concen: 140.24 ng
 RT: 10.37 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092350.D
 Acq: 18 Jan 2017 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BL

Tgt Ion:330 Resp: 342354
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 34.6 34.1 51.1

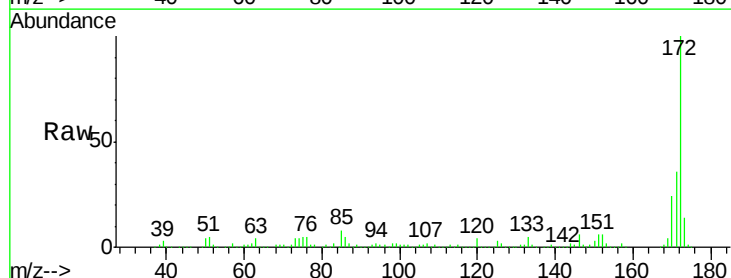


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

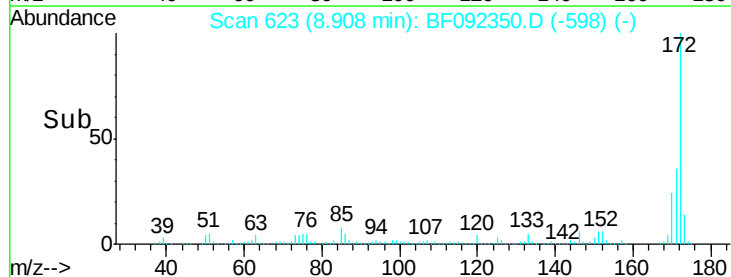
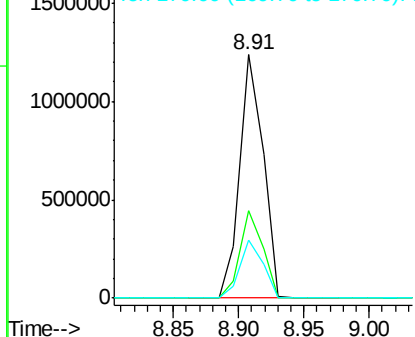


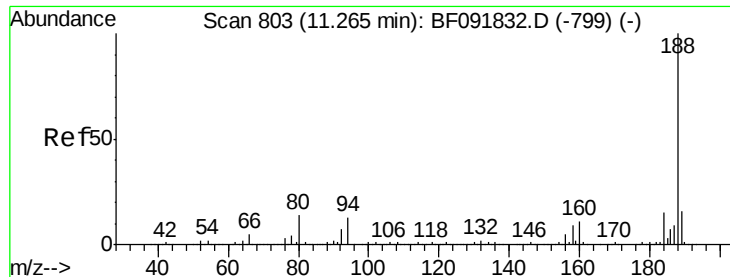
#44
 2-Fluorobiphenyl
 Concen: 111.04 ng
 RT: 8.91 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF092350.D
 Acq: 18 Jan 2017 14:45

Tgt Ion:172 Resp: 1541735
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

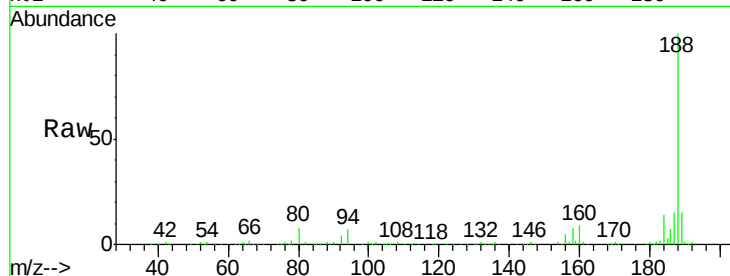




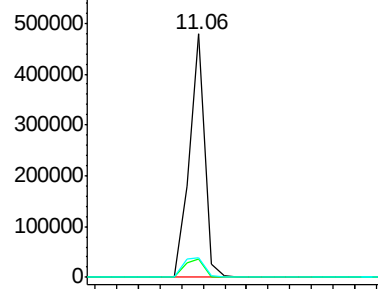
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092350.D
Acq: 18 Jan 2017 14:45

Instrument :
BNA_F
ClientSampleId :
PB96090BL

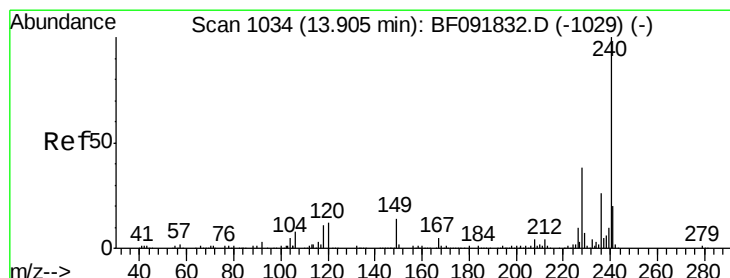
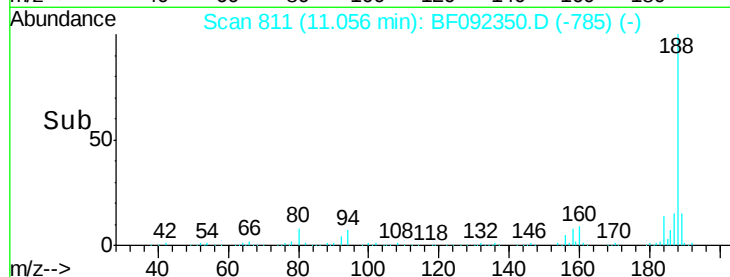
Tgt Ion:188 Resp: 476281
Ion Ratio Lower Upper
188 100
94 7.4 10.0 15.0#
80 7.8 11.2 16.8#



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

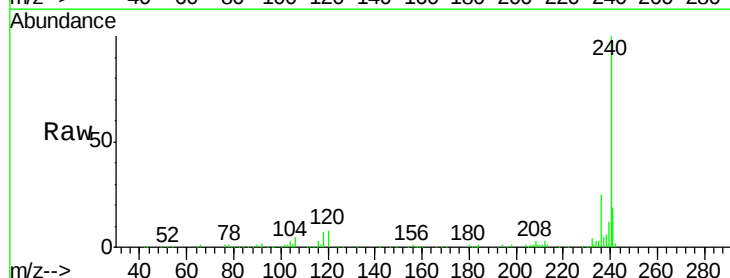


Time--> 11.00 11.10 11.20

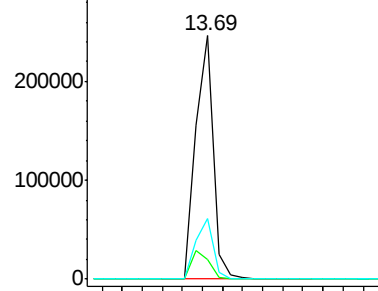


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF092350.D
Acq: 18 Jan 2017 14:45

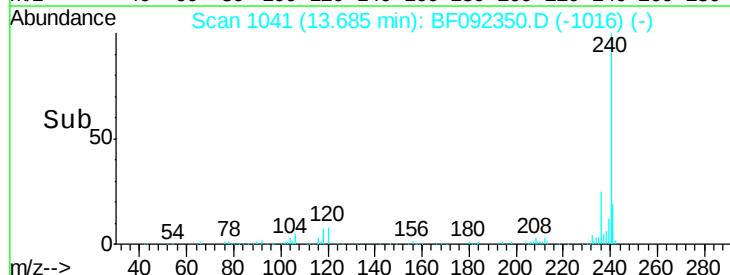
Tgt Ion:240 Resp: 298528
Ion Ratio Lower Upper
240 100
120 7.8 12.9 19.3#
236 24.8 20.9 31.3

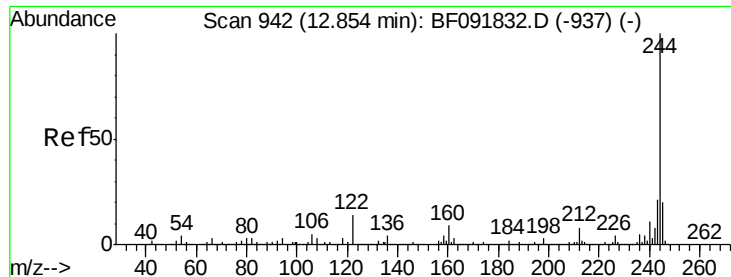


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 13.60 13.70 13.80





#78

Terphenyl-d14

Concen: 110.28 ng

RT: 12.65 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092350.D

Acq: 18 Jan 2017 14:45

Instrument :

BNA_F

ClientSampleId :

PB96090BL

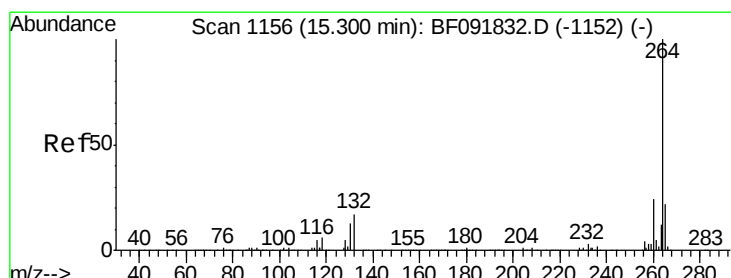
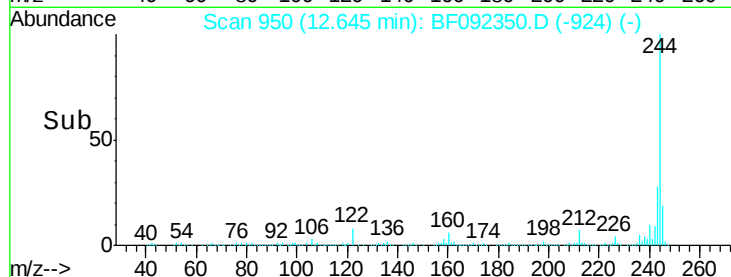
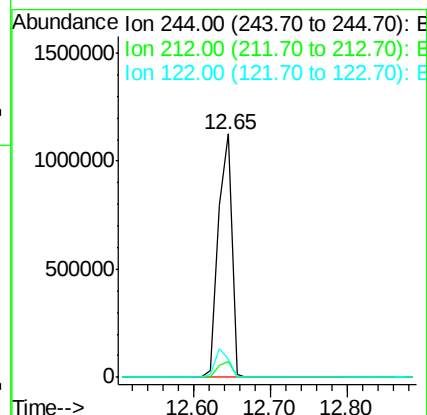
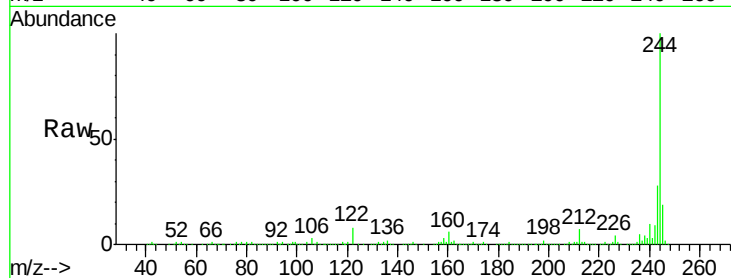
Tgt Ion:244 Resp: 1357427

Ion Ratio Lower Upper

244 100

212 6.6 6.2 9.2

122 7.6 11.4 17.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.03 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF092350.D

Acq: 18 Jan 2017 14:45

Tgt Ion:264 Resp: 279872

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.2 17.4 26.0

