

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
 Data File : BF091212.D
 Acq On : 17 Nov 2016 15:13
 Operator : UM/SJ
 Sample : PB94770BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94770BL

Quant Time: Nov 18 03:31:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	178176	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	759176	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	407724	20.00	ng	-0.05
63) Phenanthrene-d10	11.14	188	703446	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	500472	20.00	ng	-0.05
86) Perylene-d12	15.14	264	366067	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1420512	131.67	ng	-0.03
7) Phenol-d6	6.27	99	1790955	122.31	ng	-0.05
23) Nitrobenzene-d5	7.20	82	1158573	83.25	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	485422	131.69	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	1927899	81.41	ng	-0.05
78) Terphenyl-d14	12.73	244	1810410	90.27	ng	-0.03

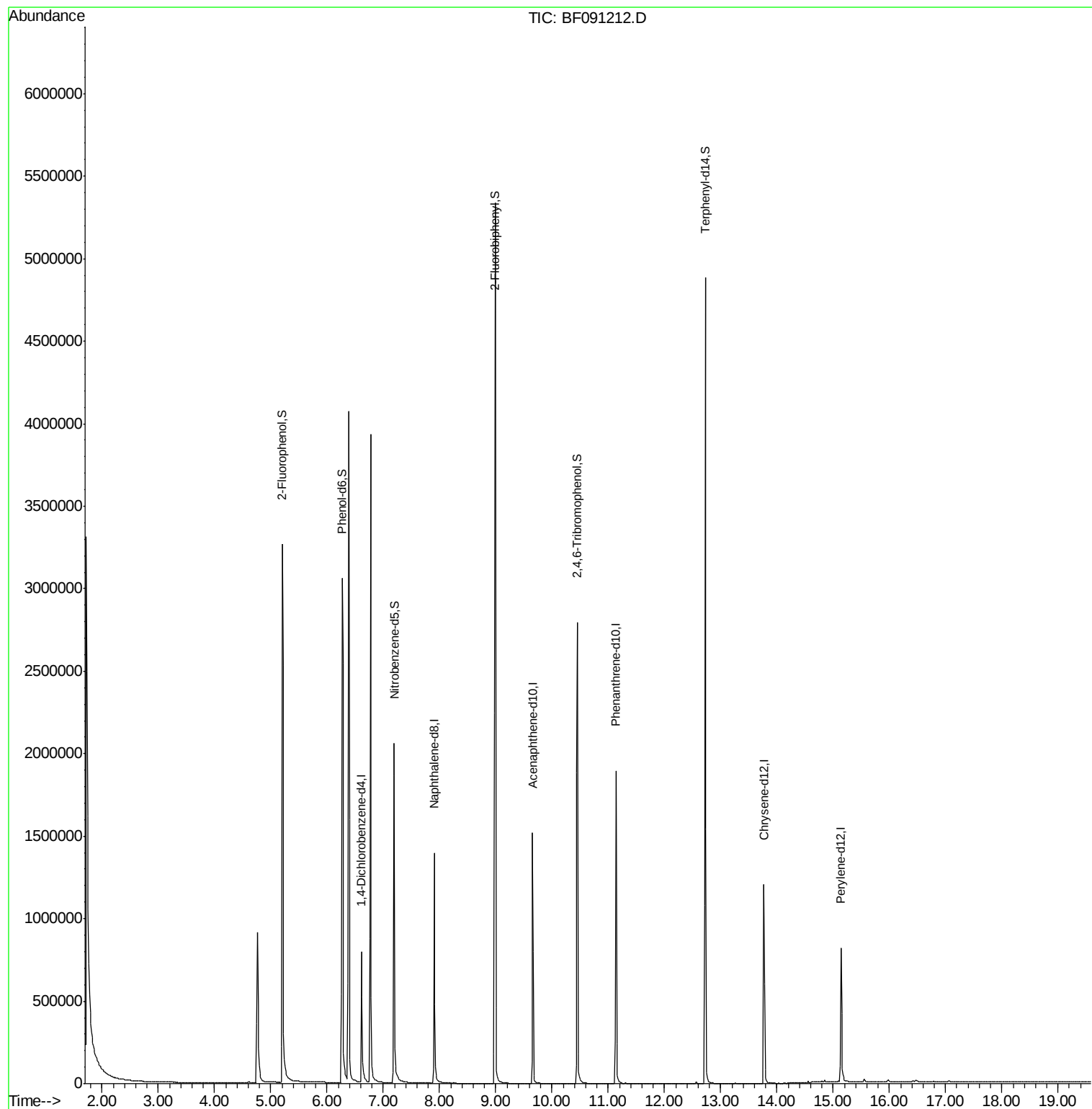
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.61 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF091212.D

Acq: 17 Nov 2016 15:13

Instrument :

BNA_F

ClientSampleId :

PB94770BL

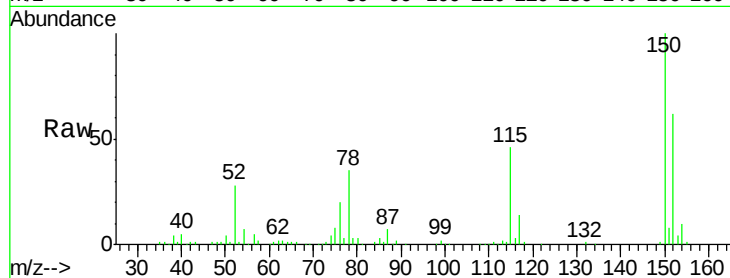
Tot Ion:152 Resp: 178176

Ion Ratio Lower Upper

152 100

150 160.7 126.8 190.2

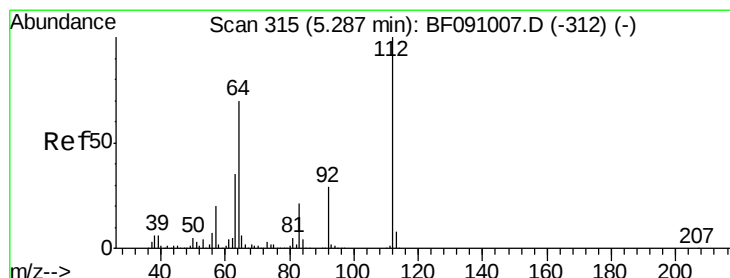
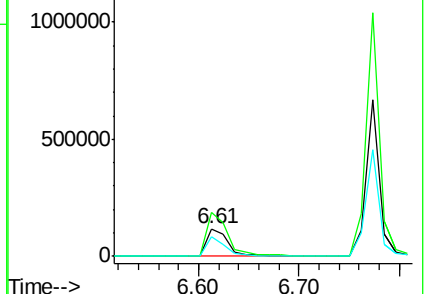
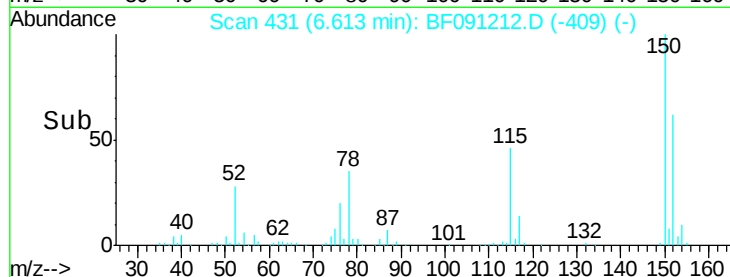
115 73.3 53.3 79.9



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: 131.67 ng

RT: 5.21 min Scan# 308

Delta R.T. -0.03 min

Lab File: BF091212.D

Acq: 17 Nov 2016 15:13

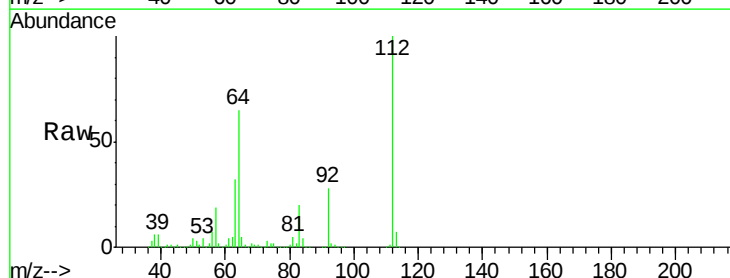
Tgt Ion:112 Resp: 1420512

Ion Ratio Lower Upper

112 100

64 64.7 55.8 83.6

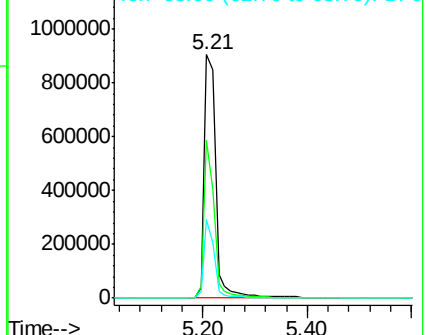
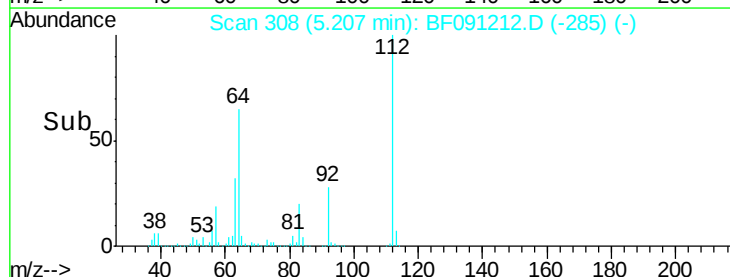
63 32.5 28.0 42.0



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: 122.31 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091212.D

Acq: 17 Nov 2016 15:13

Instrument :

BNA_F

ClientSampled :

PB94770BL

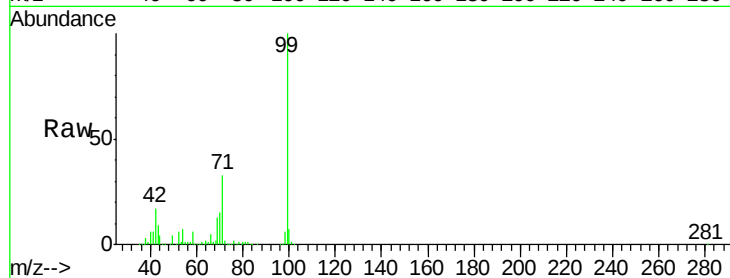
Tot Ion: 99 Resp: 1790955

Ion Ratio Lower Upper

99 100

42 16.6 13.9 20.9

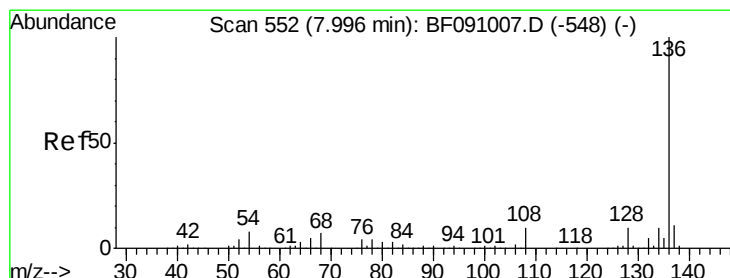
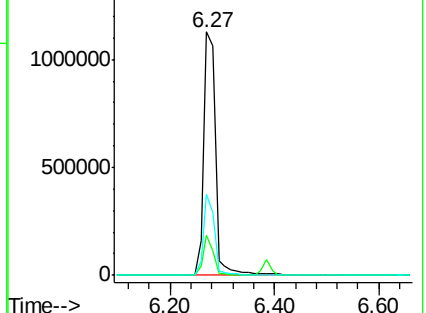
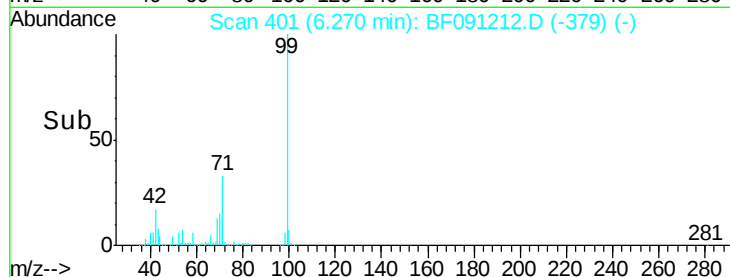
71 33.3 27.8 41.8



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: 7.90 min Scan# 544

Delta R.T. -0.05 min

Lab File: BF091212.D

Acq: 17 Nov 2016 15:13

Tgt Ion: 136 Resp: 759176

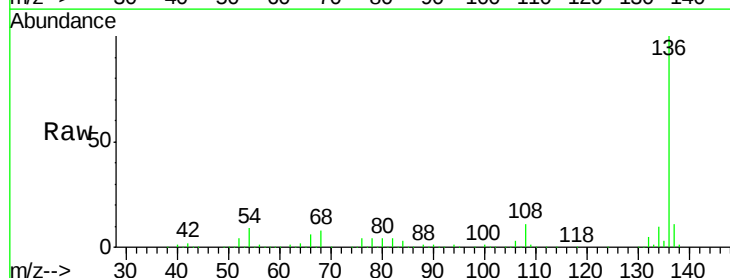
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.1 6.2 9.2

68 7.9 5.5 8.3

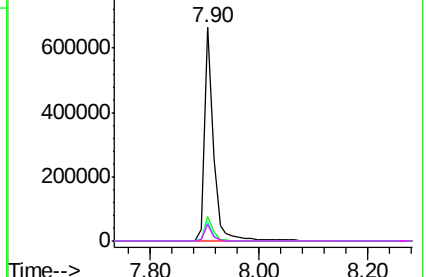
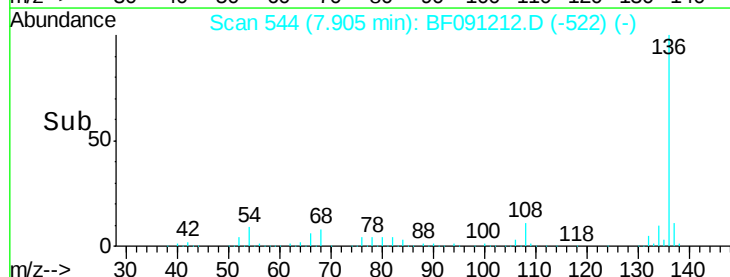


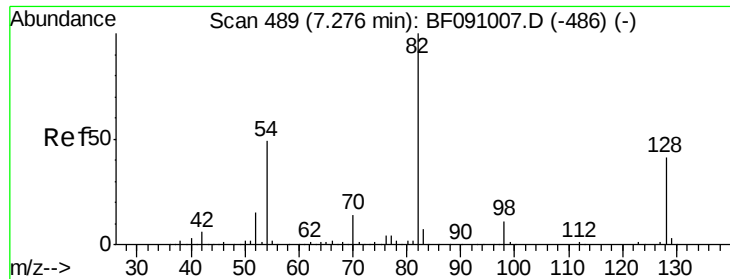
Abundance Ion 136.00 (135.70 to 136.70): E

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

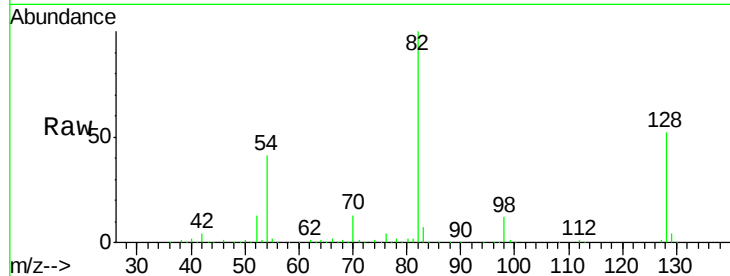




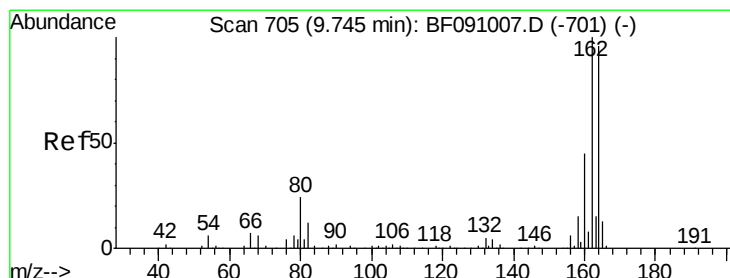
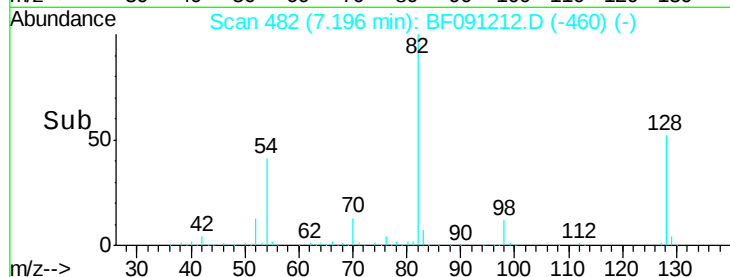
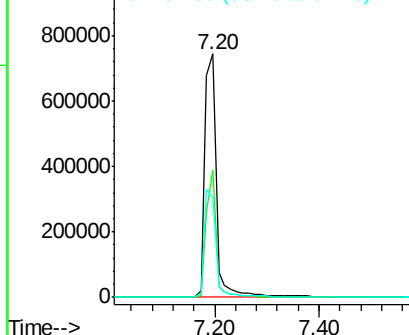
#23
Nitrobenzene-d5
Concen: 83.25 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF091212.D
Acq: 17 Nov 2016 15:13

Instrument :
BNA_F
ClientSampleID :
PB94770BL

Tot Ion: 82 Resp: 1158573
Ion Ratio Lower Upper
82 100
128 52.0 32.4 48.6#
54 41.0 39.2 58.8

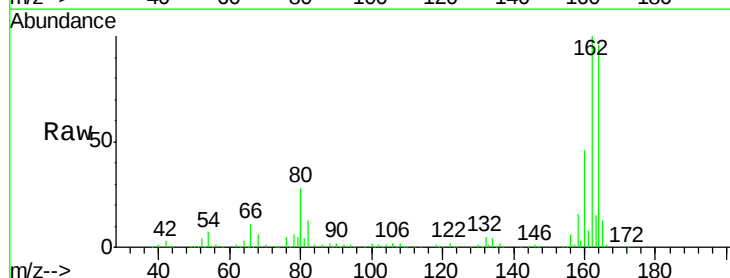


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

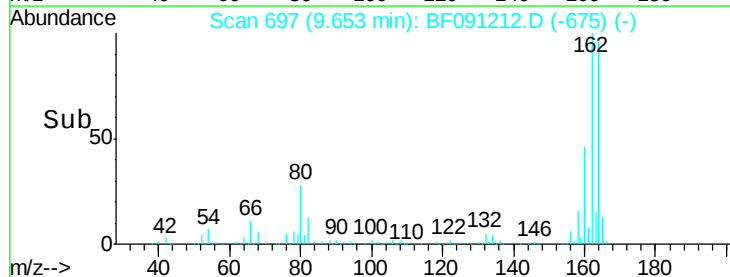
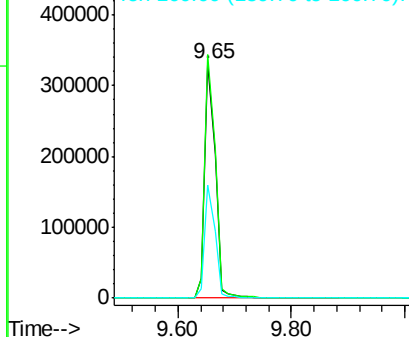


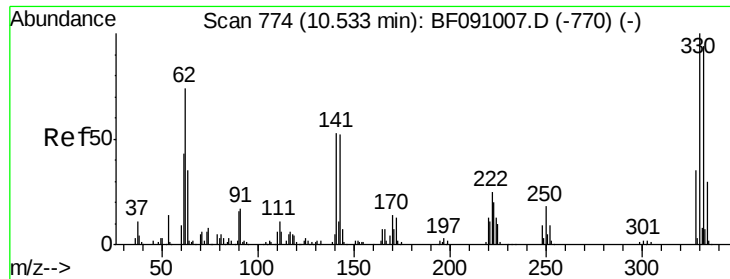
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF091212.D
Acq: 17 Nov 2016 15:13

Tgt Ion:164 Resp: 407724
Ion Ratio Lower Upper
164 100
162 104.0 83.6 125.4
160 48.2 37.9 56.9



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

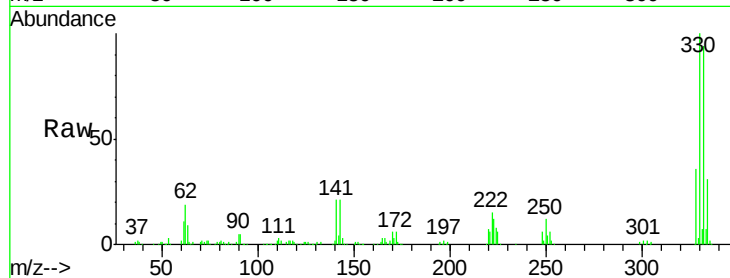




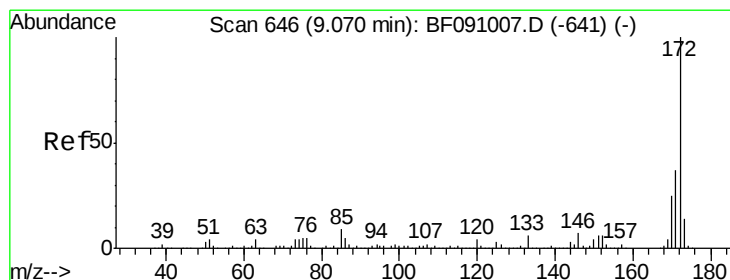
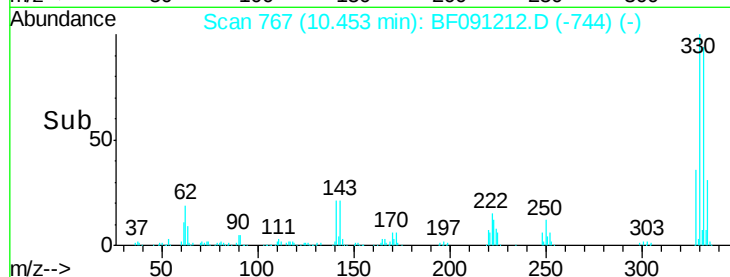
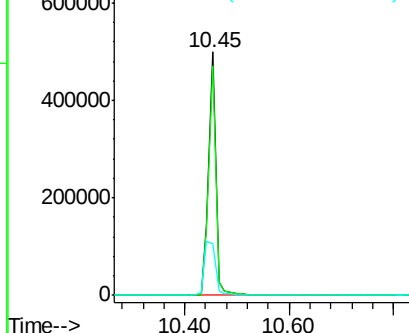
#41
 2,4,6-Tribromophenol
 Concen: 131.69 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF091212.D
 Acq: 17 Nov 2016 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB94770BL

Tot Ion:330 Resp: 485422
 Ion Ratio Lower Upper
 330 100
 332 94.3 75.9 113.9
 141 34.6 36.1 54.1#

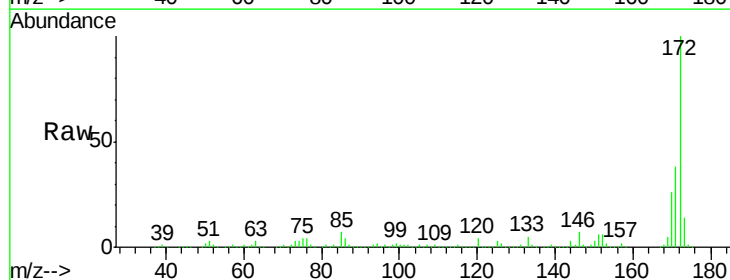


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

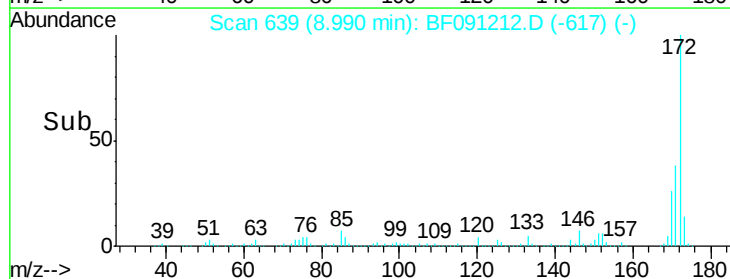
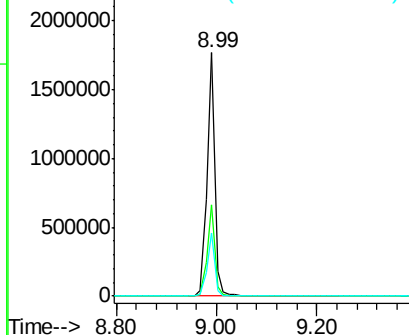


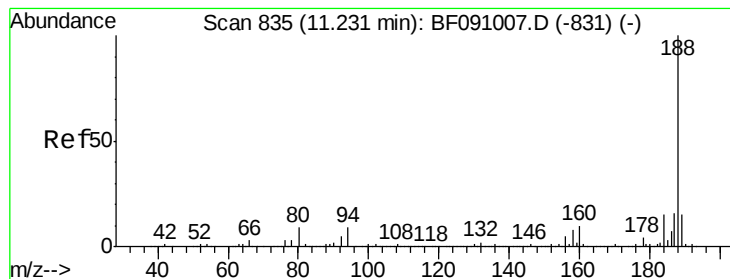
#44
 2-Fluorobiphenyl
 Concen: 81.41 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091212.D
 Acq: 17 Nov 2016 15:13

Tgt Ion:172 Resp: 1927899
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.8 44.6
 170 25.9 20.3 30.5



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: 11.14 min Scan# 827

Delta R.T. -0.03 min

Lab File: BF091212.D

Acq: 17 Nov 2016 15:13

Instrument :

BNA_F

ClientSampled :

PB94770BL

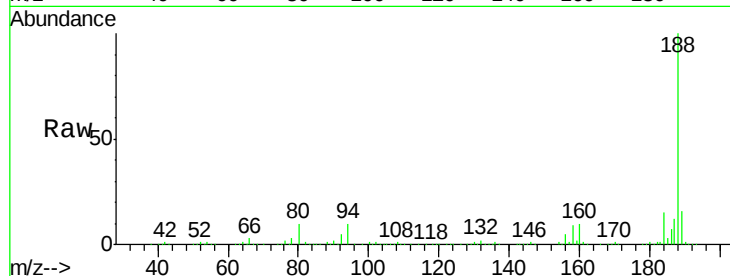
Tot Ion:188 Resp: 703446

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.4

80 10.5 7.5 11.3



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

11.14

800000

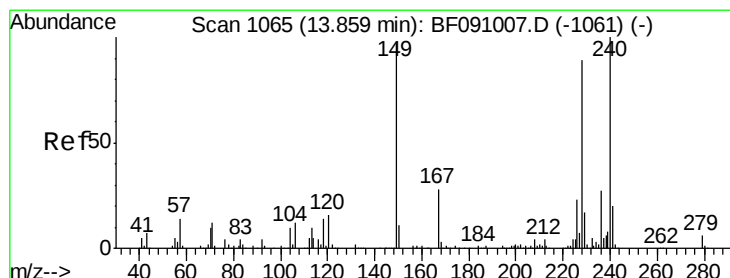
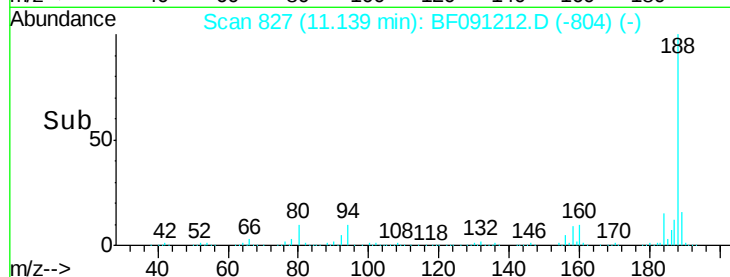
600000

400000

200000

0

Time--> 11.00 11.20 11.40



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1057

Delta R.T. -0.05 min

Lab File: BF091212.D

Acq: 17 Nov 2016 15:13

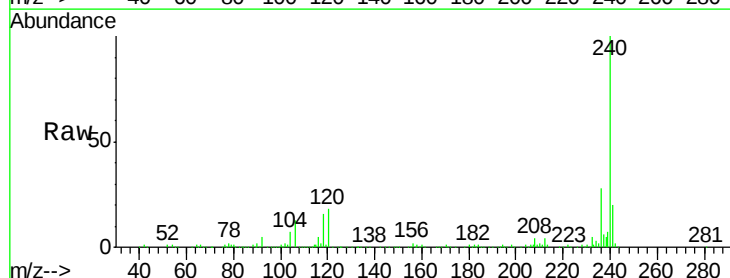
Tgt Ion:240 Resp: 500472

Ion Ratio Lower Upper

240 100

120 18.0 12.9 19.3

236 27.7 21.9 32.9



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

13.77

500000

400000

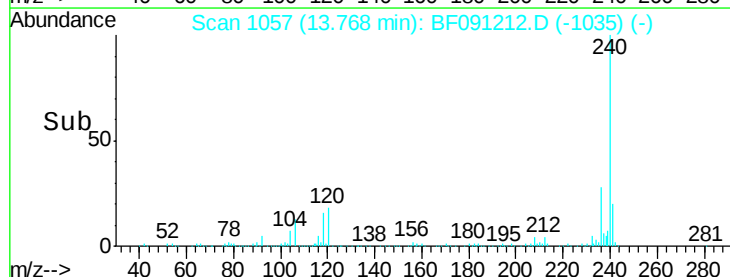
300000

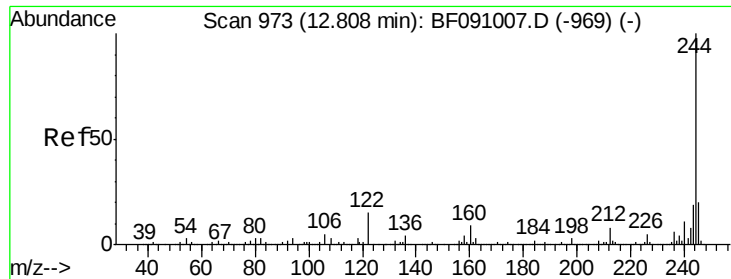
200000

100000

0

Time--> 13.60 13.80 14.00

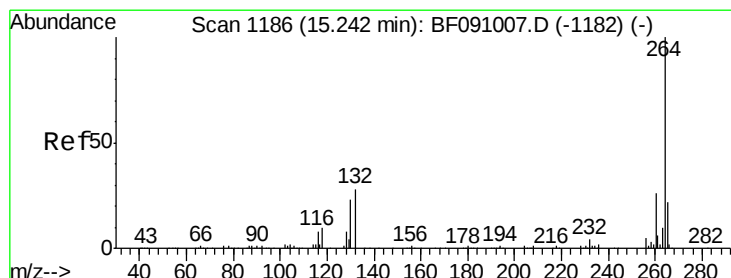
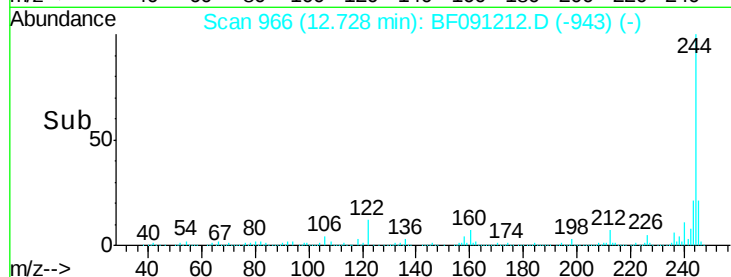
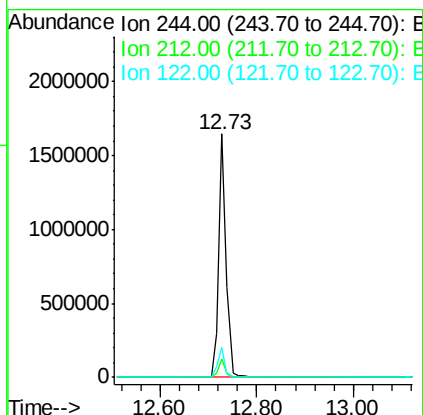
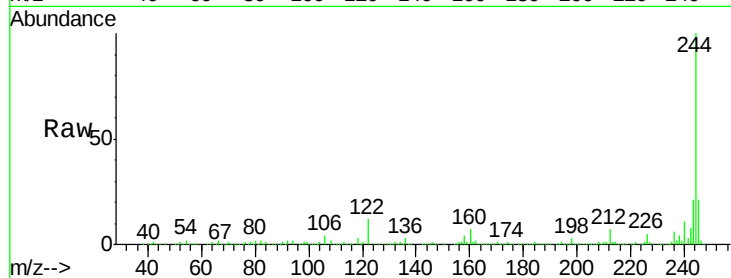




#78
 Terphenyl-d14
 Concen: 90.27 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.03 min
 Lab File: BF091212.D
 Acq: 17 Nov 2016 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB94770BL

Tot Ion:244 Resp: 1810410
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 12.3 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091212.D
 Acq: 17 Nov 2016 15:13

Tgt Ion:264 Resp: 366067
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.6 30.8
 265 21.8 17.8 26.8

