

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
 Data File : BF091304.D
 Acq On : 24 Nov 2016 9:27
 Operator : UM/SJ
 Sample : PB94860TB
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94860TB

Quant Time: Nov 24 23:59:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	176491	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	723672	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	340159	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	505873	20.00	ng	0.00
75) Chrysene-d12	14.03	240	392044	20.00	ng	-0.01
86) Perylene-d12	15.47	264	294843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1397600	127.23	ng	0.02
7) Phenol-d6	6.51	99	1688220	119.62	ng	0.01
23) Nitrobenzene-d5	7.45	82	1213360	96.53	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	351314	102.42	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1898329	91.38	ng	0.00
78) Terphenyl-d14	12.99	244	1470392	85.66	ng	0.00

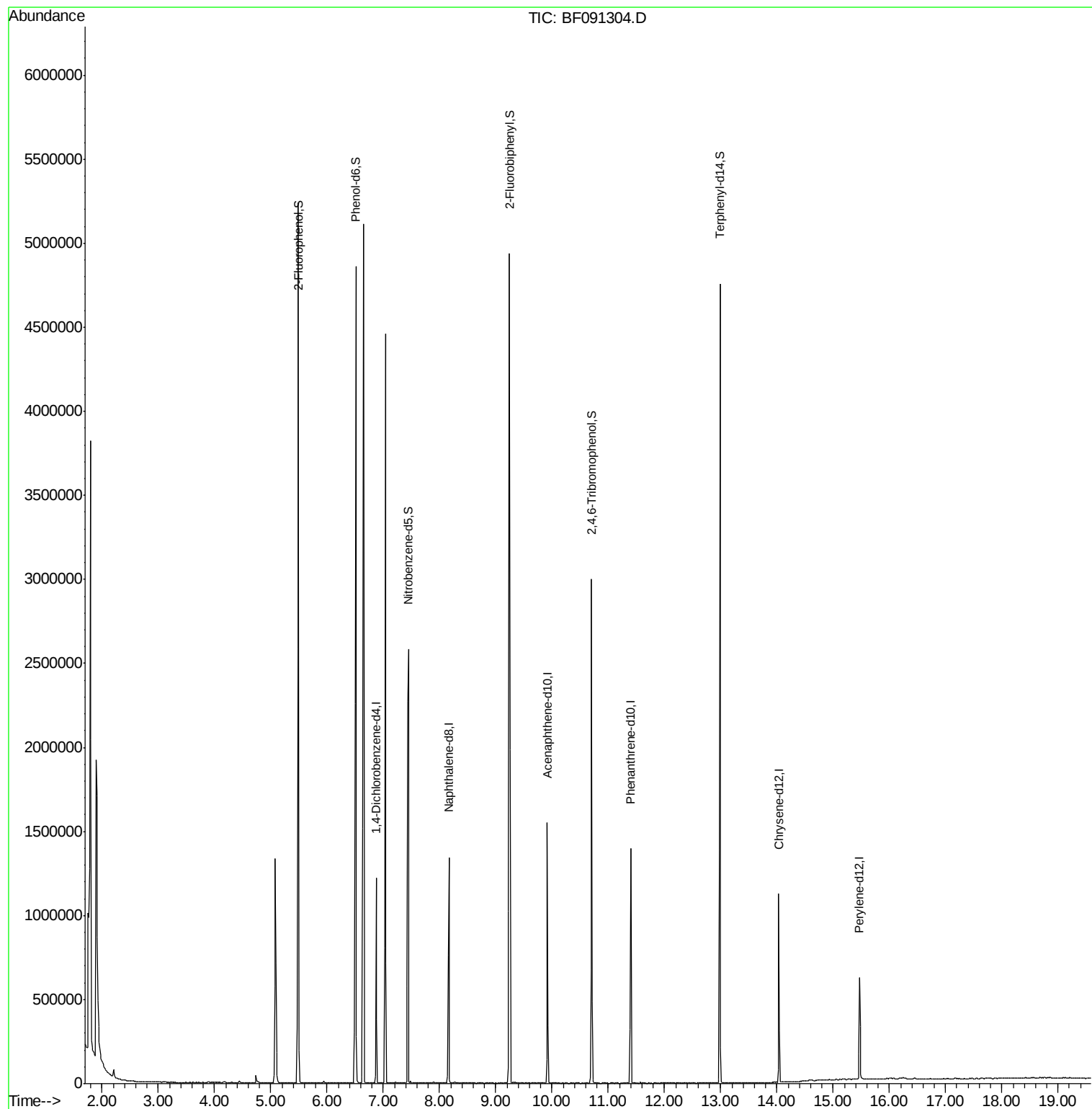
Target Compounds Qvalue

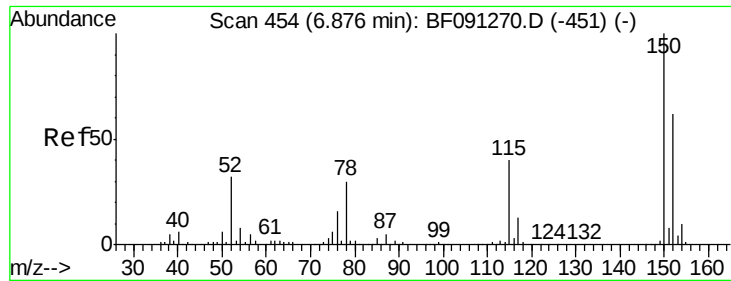
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF091304.D

Acq: 24 Nov 2016 9:27

Instrument :

BNA_F

ClientSampleId :

PB94860TB

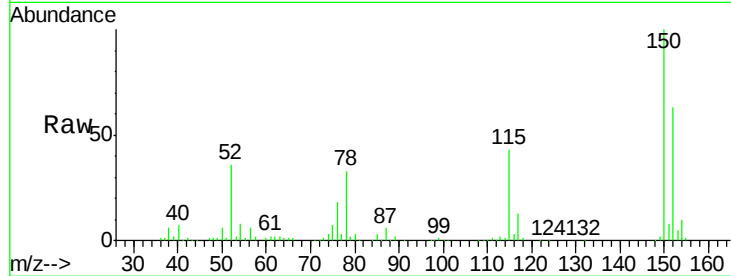
Tot Ion:152 Resp: 176491

Ion Ratio Lower Upper

152 100

150 159.4 122.5 183.7

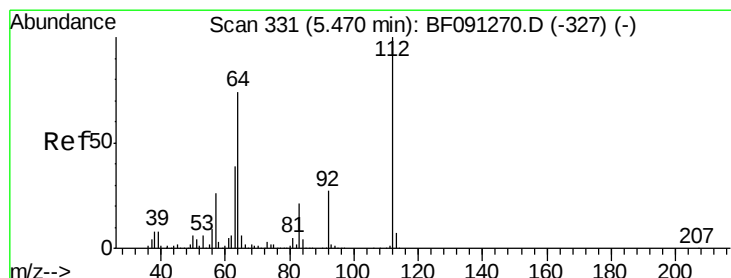
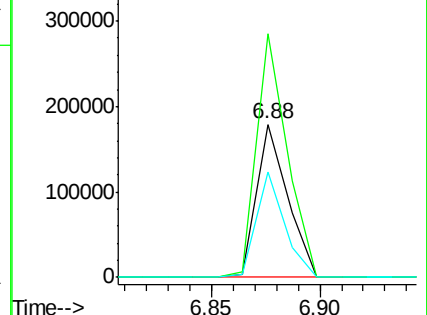
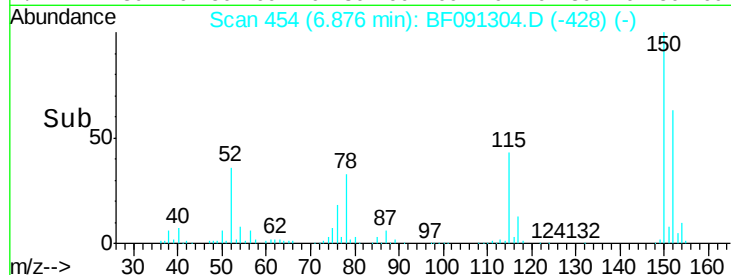
115 69.3 51.8 77.8



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: 127.23 ng

RT: 5.49 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF091304.D

Acq: 24 Nov 2016 9:27

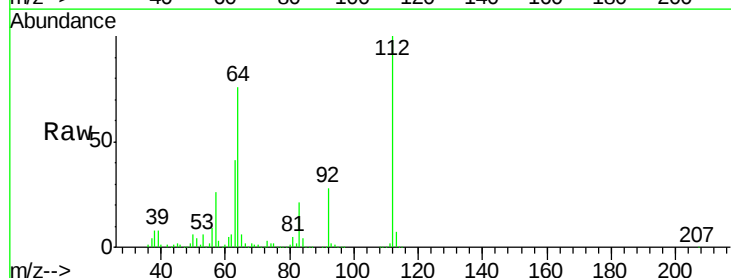
Tgt Ion:112 Resp: 1397600

Ion Ratio Lower Upper

112 100

64 76.5 61.5 92.3

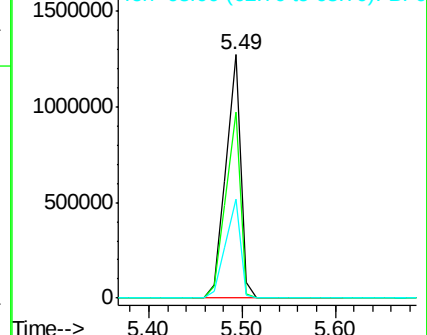
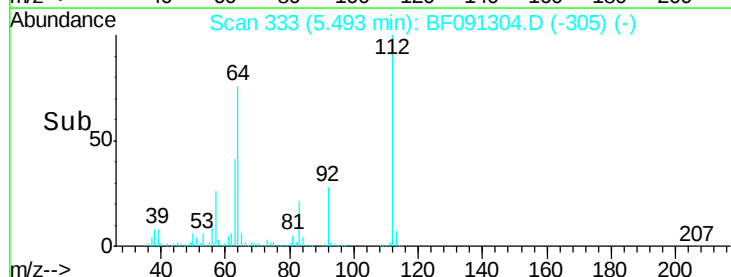
63 40.8 33.3 49.9

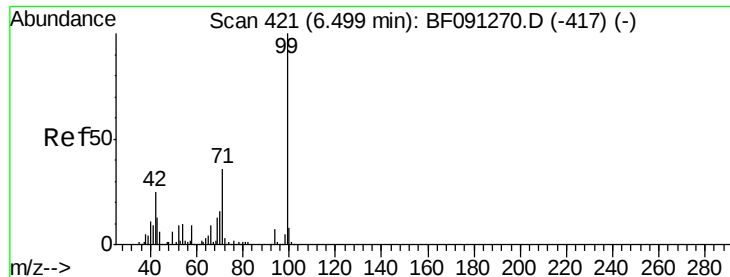


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.62 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091304.D

Acq: 24 Nov 2016 9:27

Instrument :

BNA_F

ClientSampleId :

PB94860TB

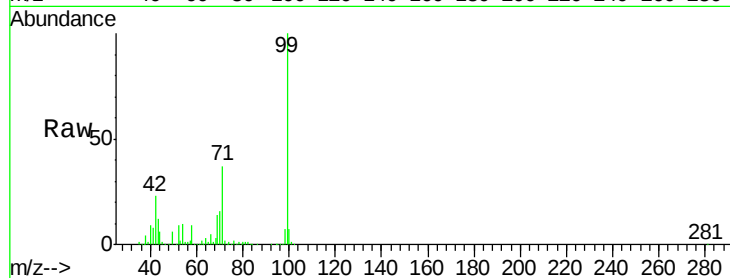
Tot Ion: 99 Resp: 1688220

Ion	Ratio	Lower	Upper
99	100		
42	23.4	20.6	31.0
71	37.2	29.9	44.9

99 100

42 23.4 20.6 31.0

71 37.2 29.9 44.9

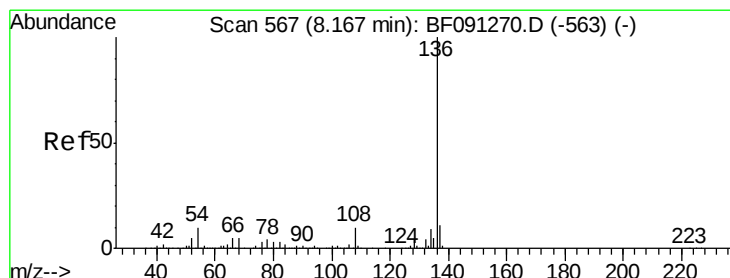
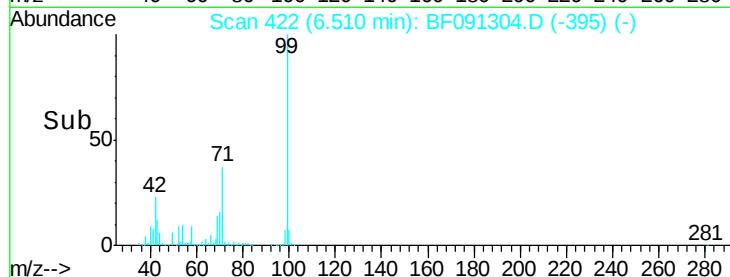
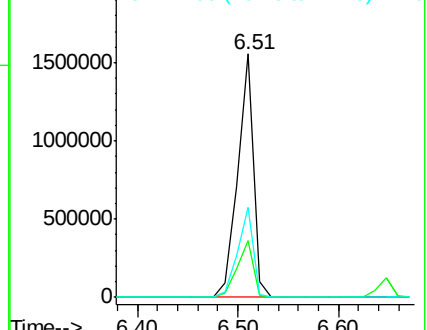


Abundance

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: 8.17 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF091304.D

Acq: 24 Nov 2016 9:27

Tgt Ion: 136 Resp: 723672

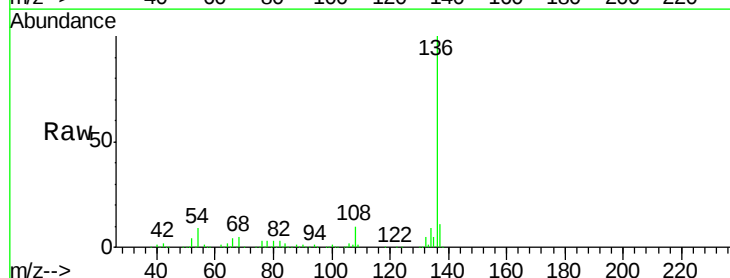
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.7	9.1	13.7#
68	4.5	5.9	8.9#

136 100

137 10.7 9.1 13.7

54 8.7 9.1 13.7#

68 4.5 5.9 8.9#



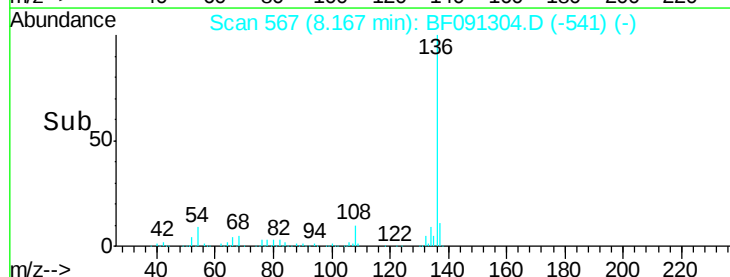
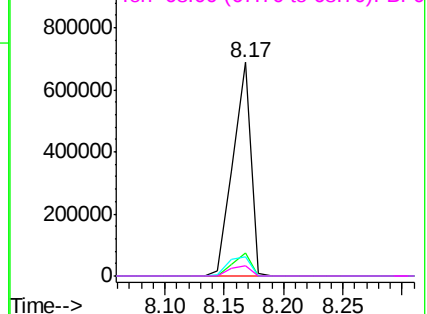
Abundance

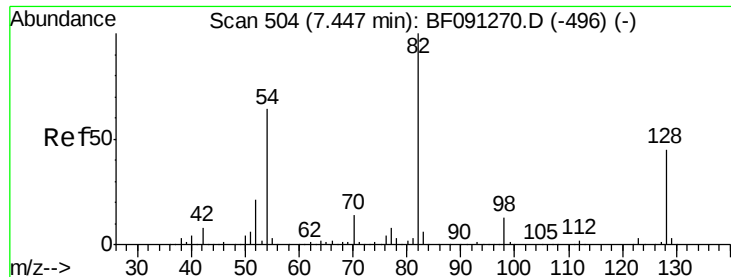
Ion 136.00 (135.70 to 136.70): E

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

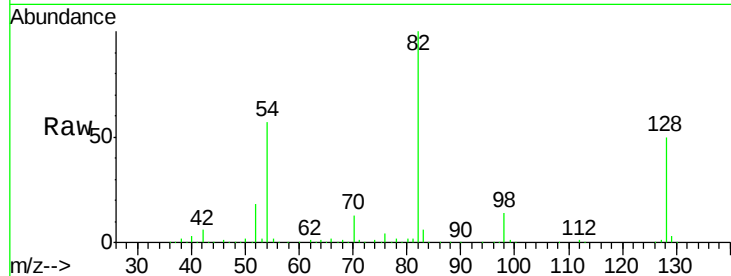




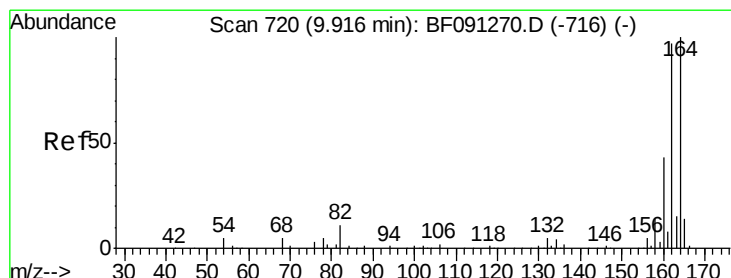
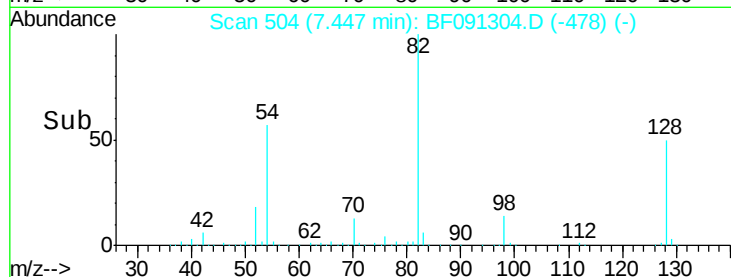
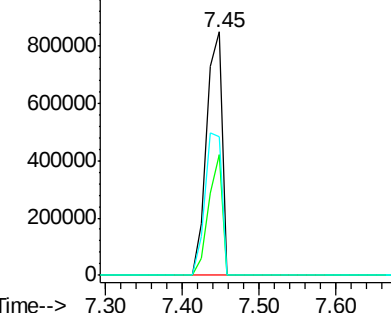
#23
Nitrobenzene-d5
Concen: 96.53 ng
RT: 7.45 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF091304.D
Acq: 24 Nov 2016 9:27

Instrument :
BNA_F
ClientSampled :
PB94860TB

Tot Ion: 82 Resp: 1213360
Ion Ratio Lower Upper
82 100
128 49.8 31.8 47.6#
54 56.7 49.1 73.7

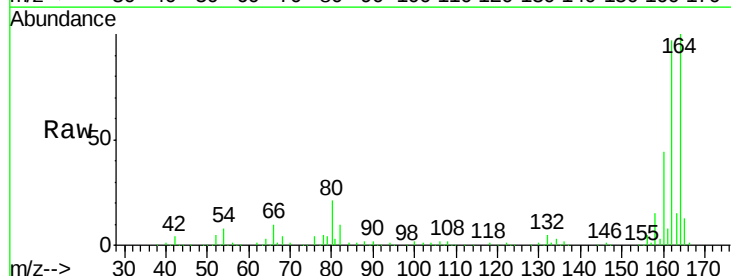


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

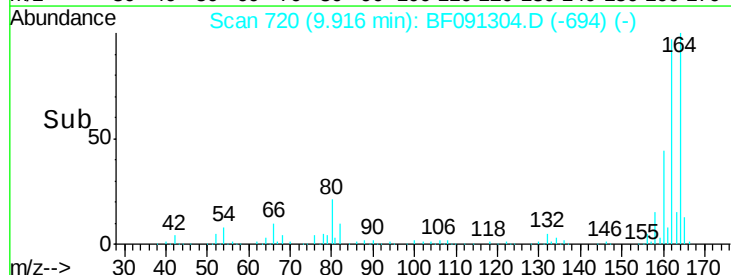
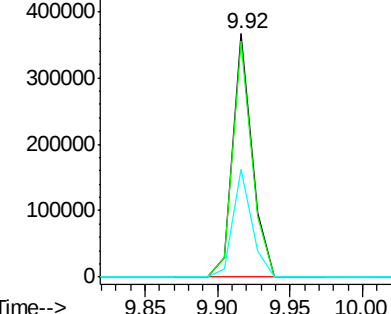


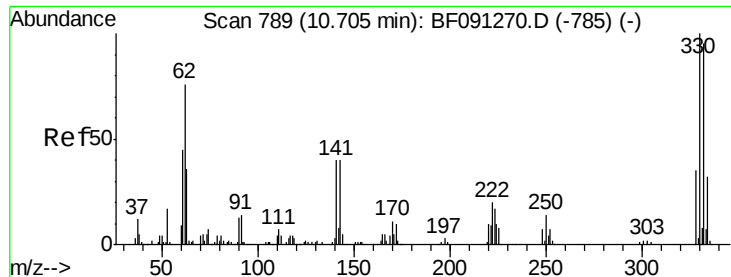
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF091304.D
Acq: 24 Nov 2016 9:27

Tgt Ion:164 Resp: 340159
Ion Ratio Lower Upper
164 100
162 97.1 82.6 124.0
160 44.1 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

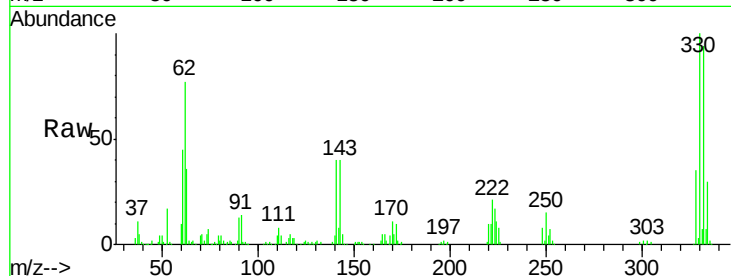




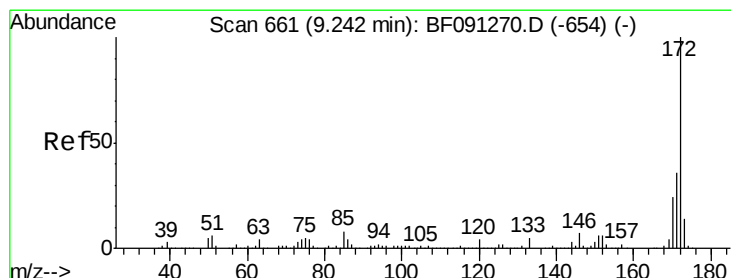
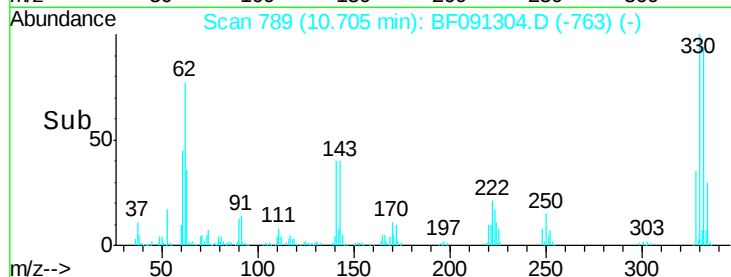
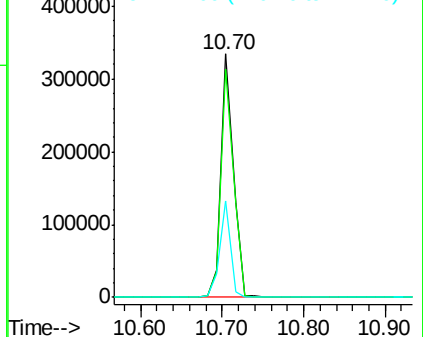
#41
 2,4,6-Tribromophenol
 Concen: 102.42 ng
 RT: 10.70 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091304.D
 Acq: 24 Nov 2016 9:27

Instrument :
 BNA_F
 ClientSampleId :
 PB94860TB

Tot Ion:330 Resp: 351314
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.2 114.4
 141 34.3 33.6 50.4

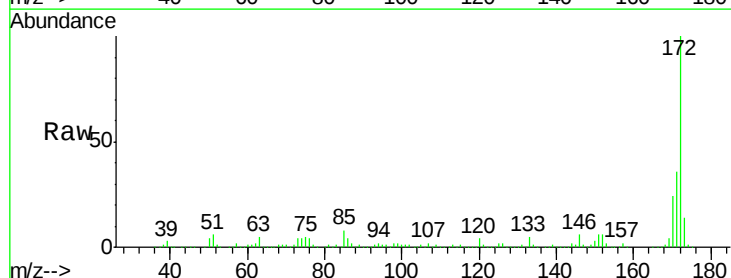


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

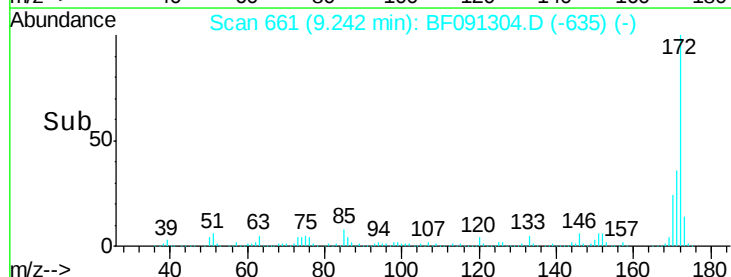
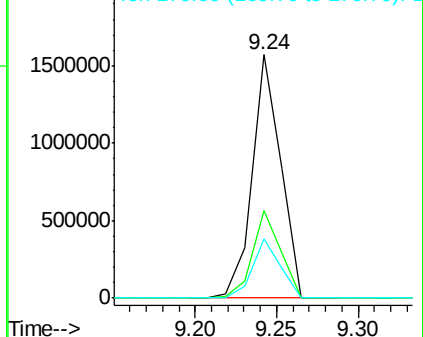


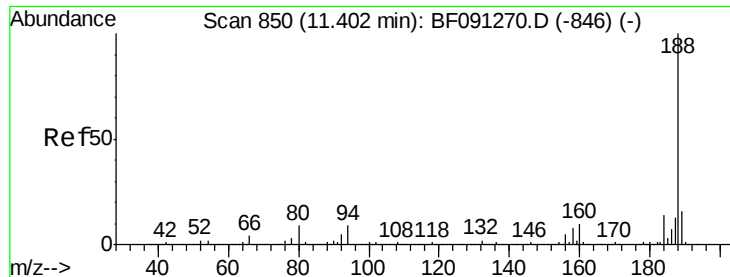
#44
 2-Fluorobiphenyl
 Concen: 91.38 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091304.D
 Acq: 24 Nov 2016 9:27

Tgt Ion:172 Resp: 1898329
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.1 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

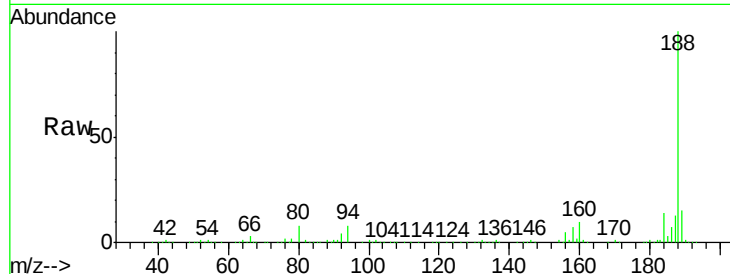




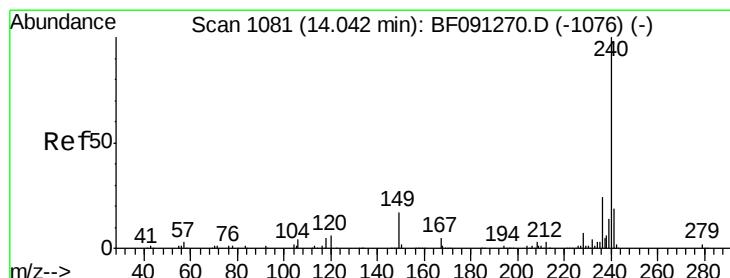
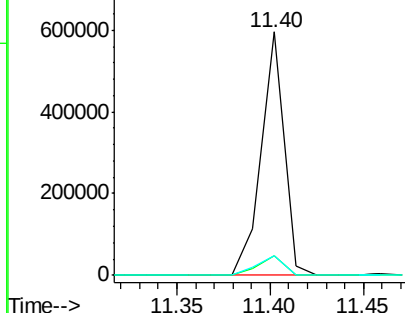
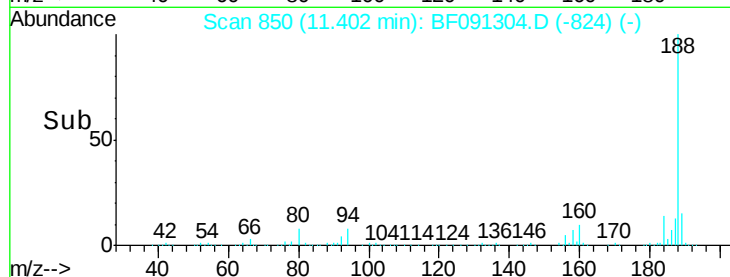
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF091304.D
Acq: 24 Nov 2016 9:27

Instrument :
BNA_F
ClientSampleId :
PB94860TB

Tot Ion:188 Resp: 505873
Ion Ratio Lower Upper
188 100
94 7.9 9.2 13.8#
80 7.9 10.5 15.7#

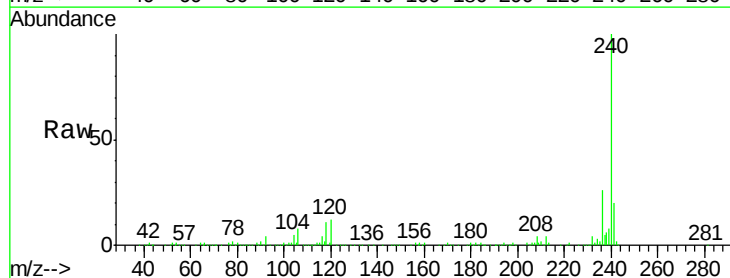


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

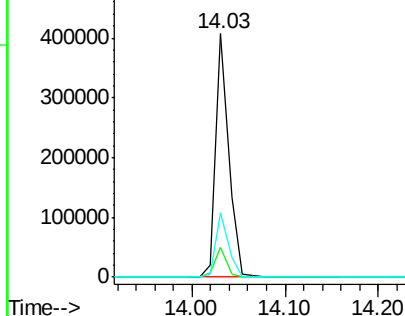
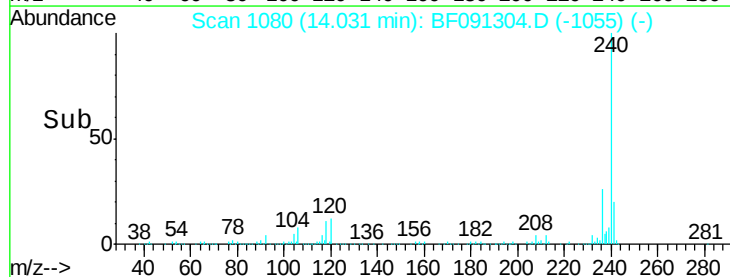


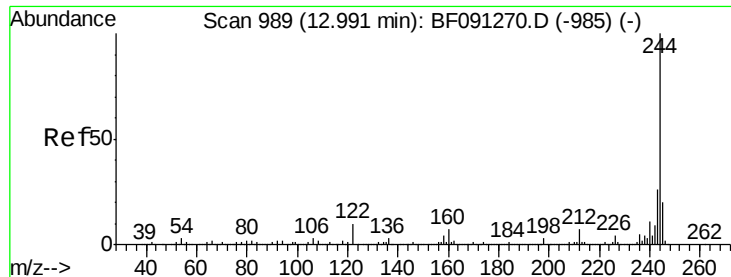
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF091304.D
Acq: 24 Nov 2016 9:27

Tgt Ion:240 Resp: 392044
Ion Ratio Lower Upper
240 100
120 12.4 12.1 18.1
236 26.2 21.0 31.6



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





#78

Terphenyl-d14

Concen: 85.66 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091304.D

Acq: 24 Nov 2016 9:27

Instrument :

BNA_F

ClientSampleId :

PB94860TB

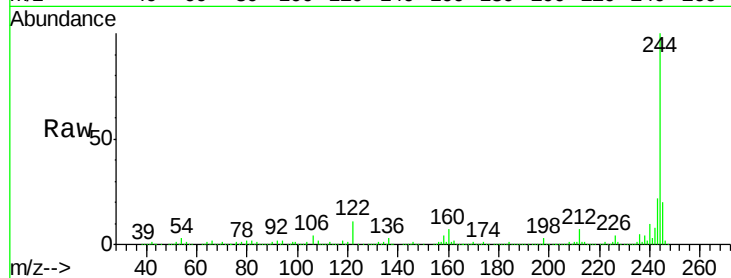
Tot Ion:244 Resp: 1470392

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

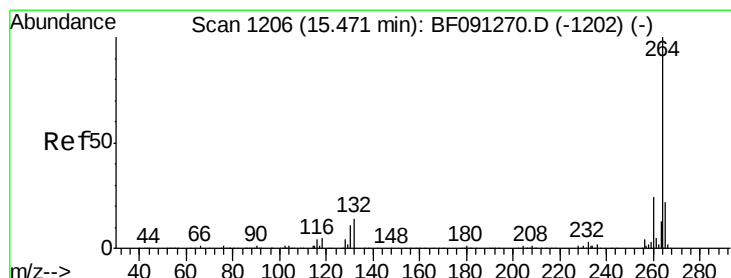
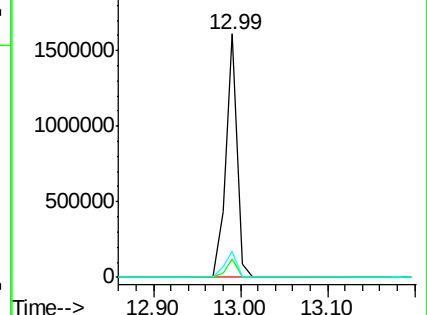
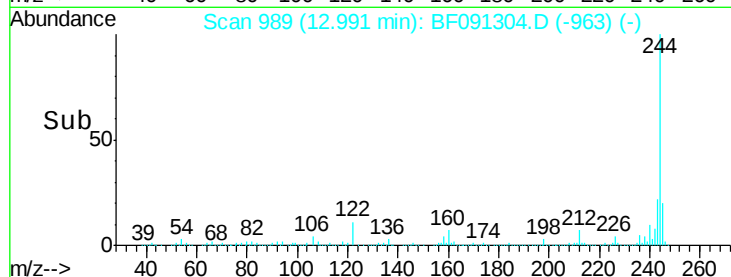
122 10.8 9.5 14.3



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: 15.47 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF091304.D

Acq: 24 Nov 2016 9:27

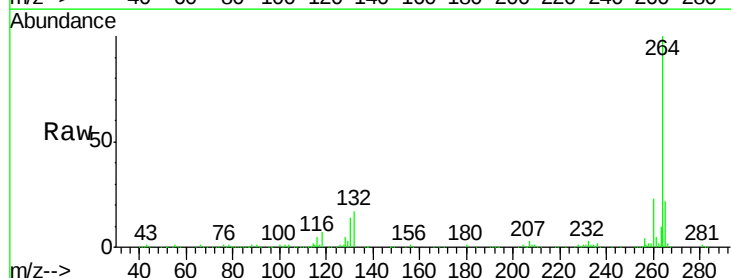
Tgt Ion:264 Resp: 294843

Ion Ratio Lower Upper

264 100

260 23.1 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

