

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
 Data File : BF091445.D
 Acq On : 6 Dec 2016 5:34
 Operator : UM/SJ
 Sample : PB95045TB
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95045TB

Quant Time: Dec 06 06:56:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 00:16:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	135943	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	510650	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	322589	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	561408	20.00	ng	0.00
75) Chrysene-d12	14.00	240	355521	20.00	ng	0.00
86) Perylene-d12	15.43	264	269482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	940158	112.98	ng	0.02
7) Phenol-d6	6.48	99	970255	94.72	ng	0.00
23) Nitrobenzene-d5	7.41	82	692453	75.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	334445	109.51	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1557177	87.40	ng	0.00
78) Terphenyl-d14	12.96	244	1550964	94.82	ng	0.00

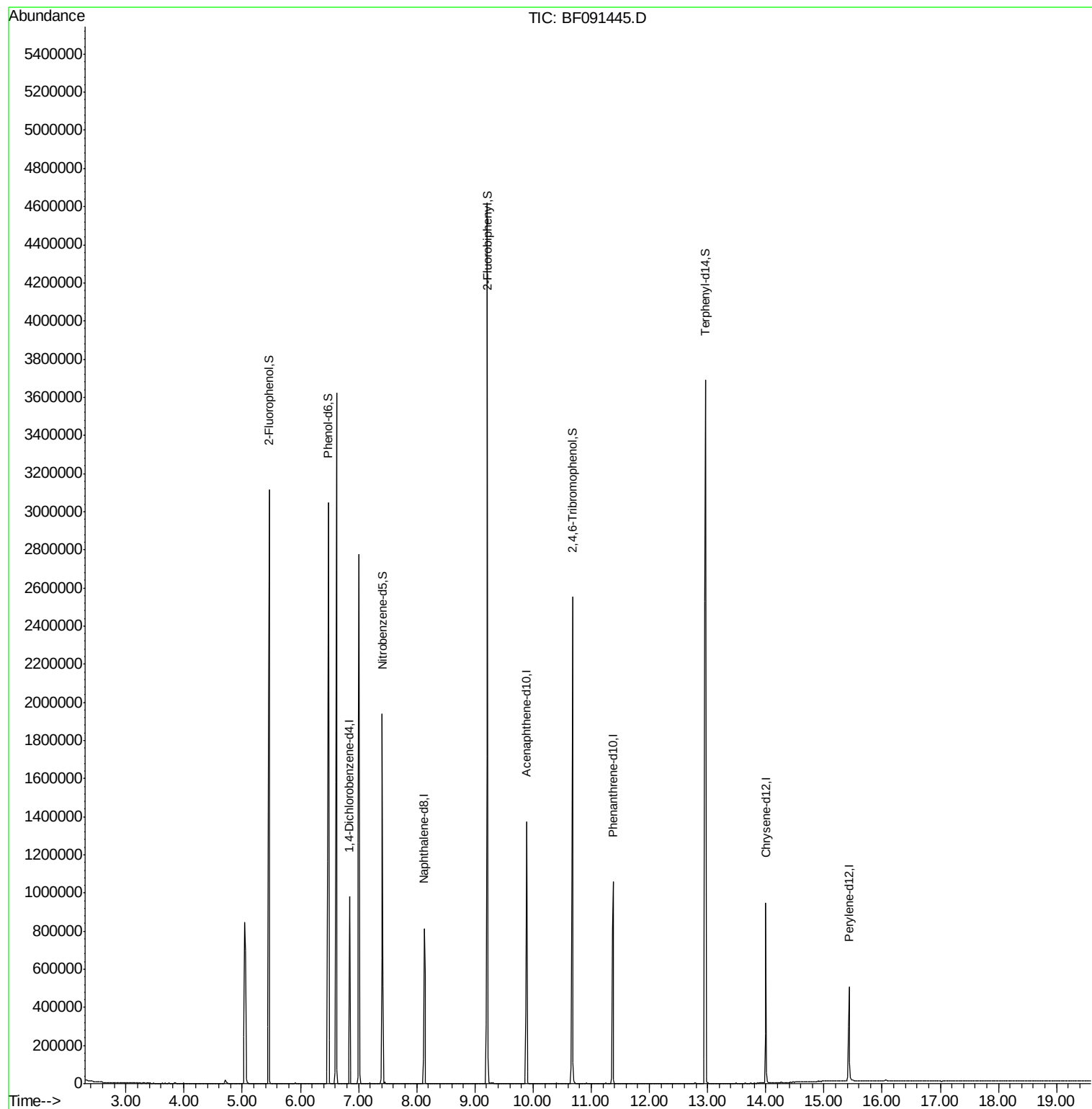
Target Compounds Qvalue

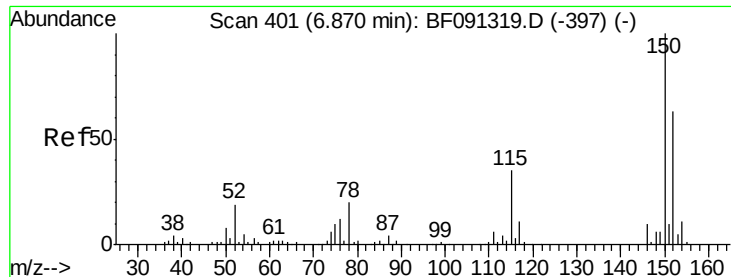
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF091445.D

Acq: 6 Dec 2016 5:34

Instrument :

BNA_F

ClientSampleId :

PB95045TB

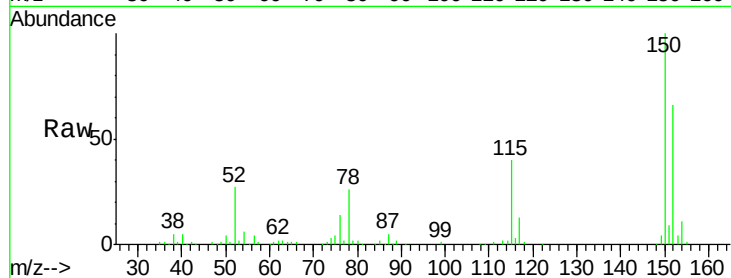
Tot Ion:152 Resp: 135943

Ion Ratio Lower Upper

152 100

150 151.5 122.5 183.7

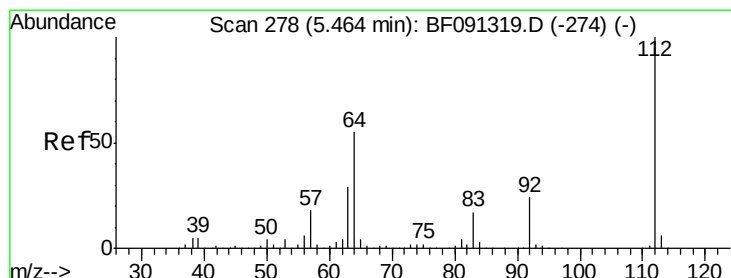
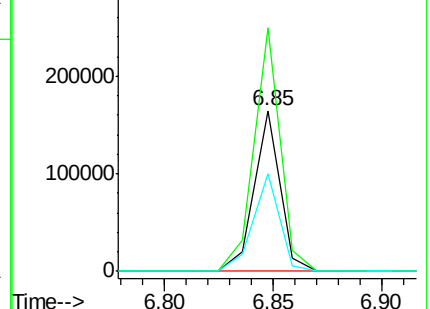
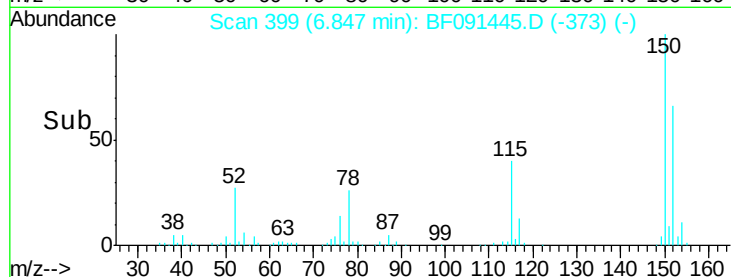
115 60.7 51.8 77.8



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: 112.98 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.02 min

Lab File: BF091445.D

Acq: 6 Dec 2016 5:34

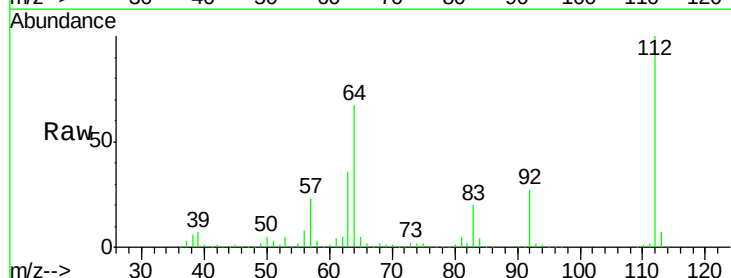
Tgt Ion:112 Resp: 940158

Ion Ratio Lower Upper

112 100

64 67.3 61.5 92.3

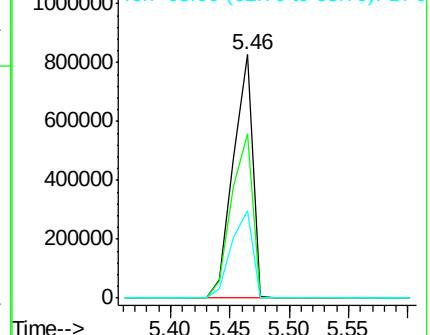
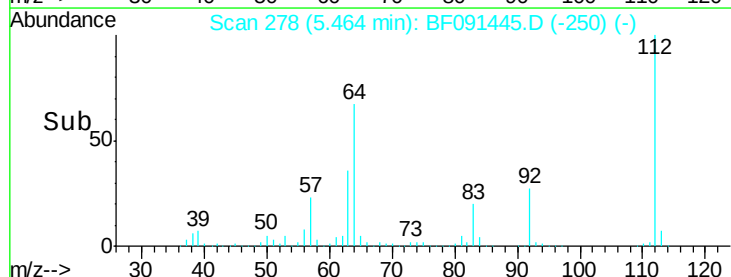
63 36.2 33.3 49.9

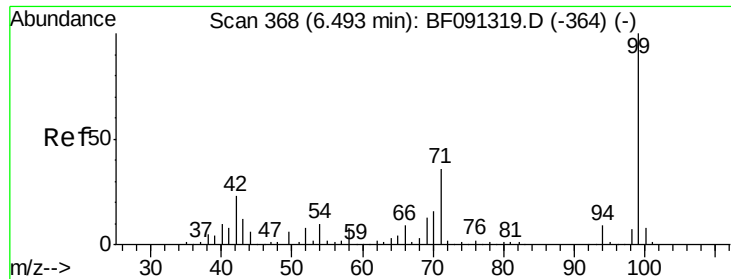


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.72 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF091445.D

Acq: 6 Dec 2016 5:34

Instrument :

BNA_F

ClientSampleId :

PB95045TB

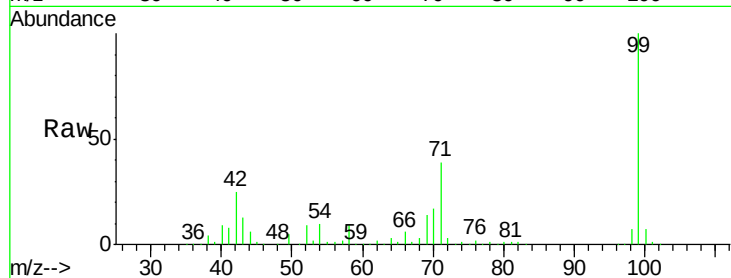
Tot Ion: 99 Resp: 970255

Ion Ratio Lower Upper

99 100

42 24.9 20.6 31.0

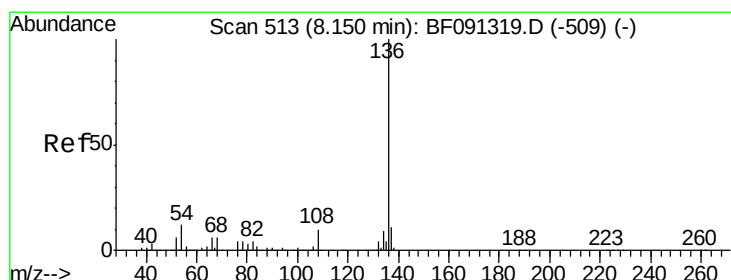
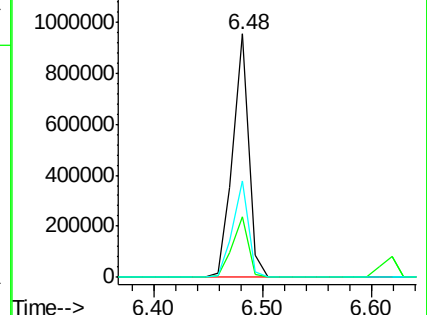
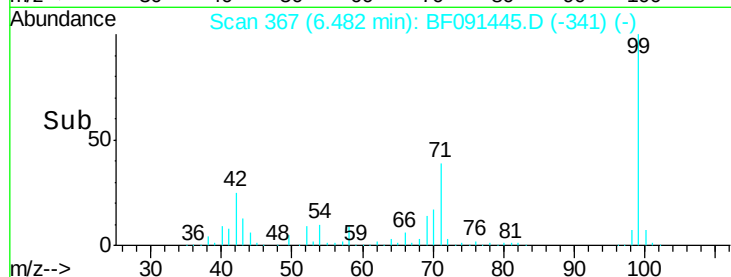
71 39.4 29.9 44.9



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: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF091445.D

Acq: 6 Dec 2016 5:34

Tgt Ion: 136 Resp: 510650

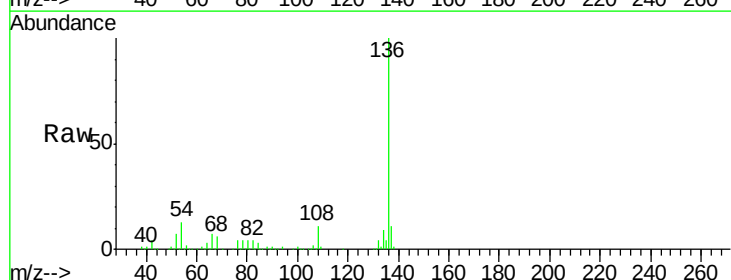
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 13.2 9.1 13.7

68 5.6 5.9 8.9#

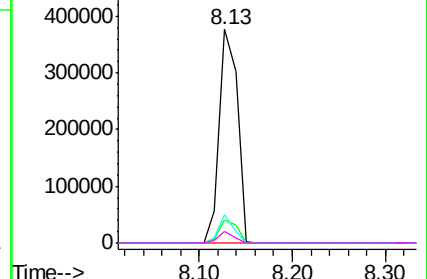
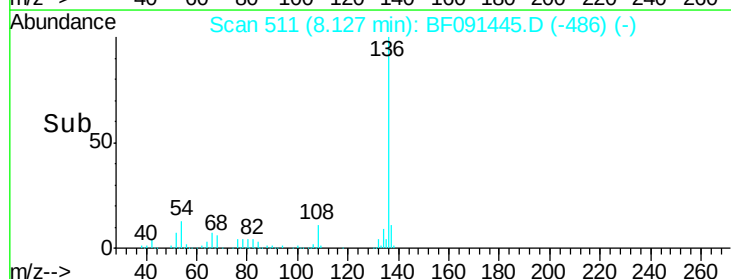


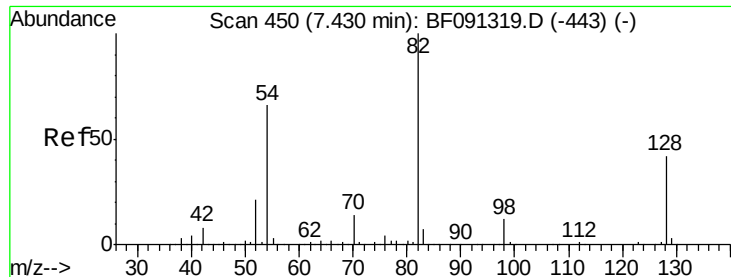
Abundance Ion 136.00 (135.70 to 136.70): E

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

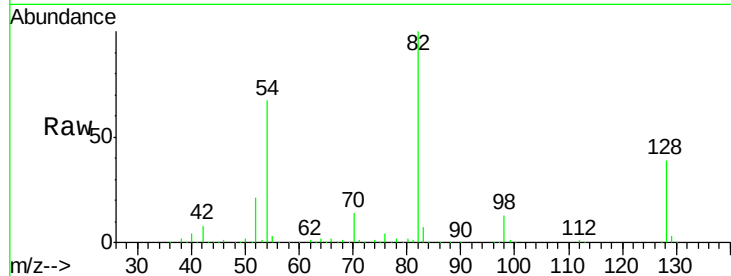




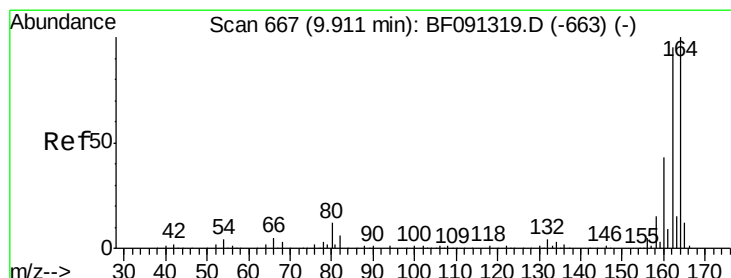
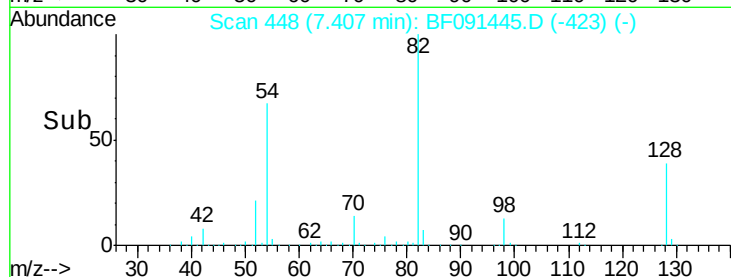
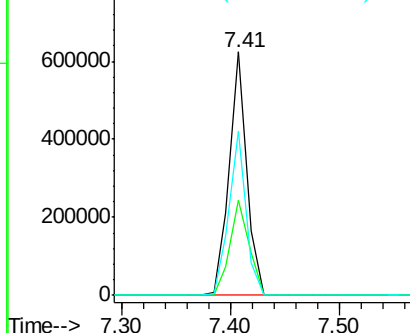
#23
 Nitrobenzene-d5
 Concen: 75.99 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.01 min
 Lab File: BF091445.D
 Acq: 6 Dec 2016 5:34

Instrument :
 BNA_F
 ClientSampleID :
 PB95045TB

Tot Ion	82	Resp	692453
Ion Ratio	100	Lower	Upper
128	39.3	31.8	47.6
54	67.5	49.1	73.7

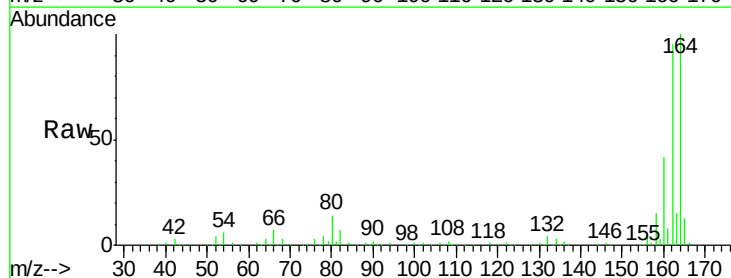


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): B

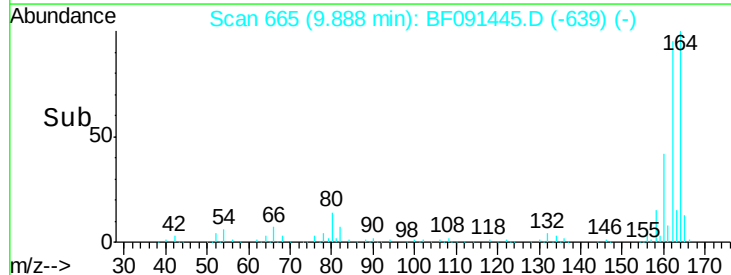
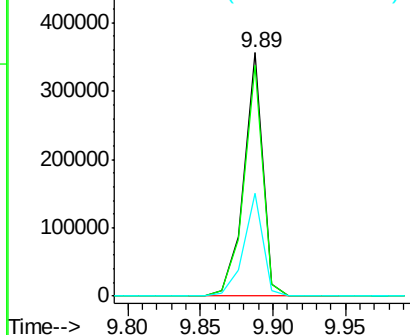


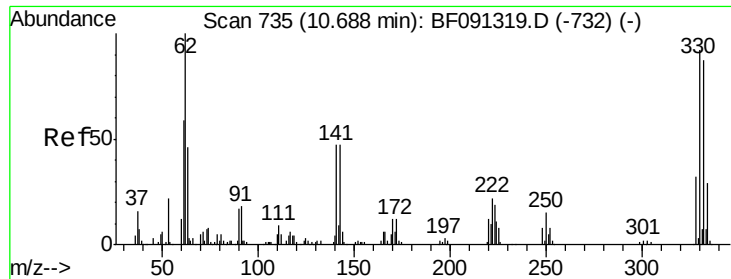
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF091445.D
 Acq: 6 Dec 2016 5:34

Tgt Ion	164	Resp	322589
Ion Ratio	100	Lower	Upper
162	94.8	82.6	124.0
160	42.5	36.7	55.1



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

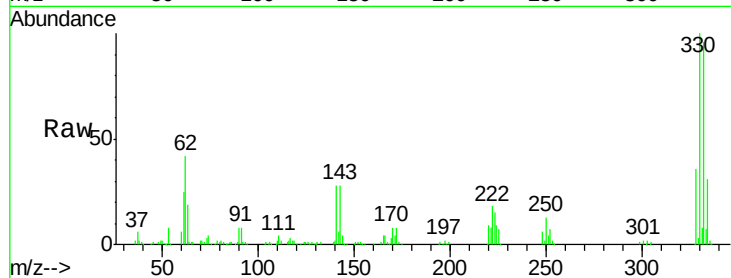




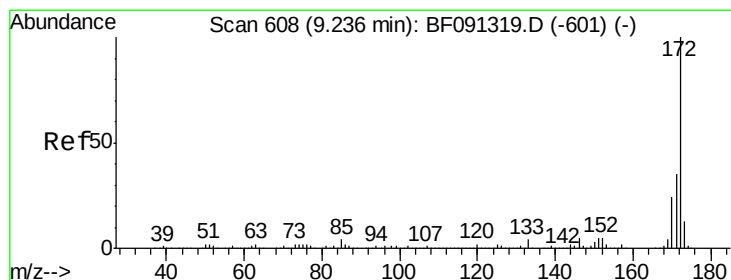
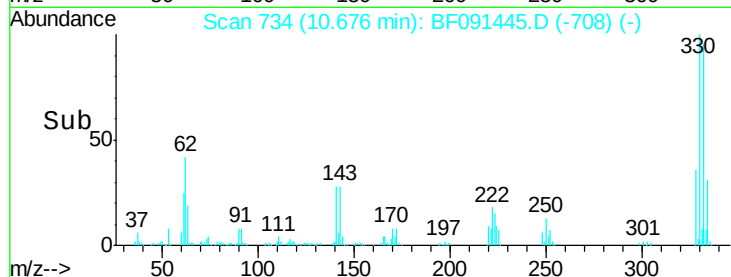
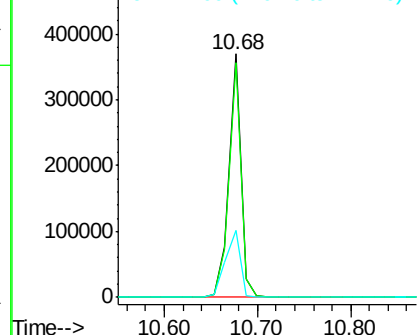
#41
 2,4,6-Tribromophenol
 Concen: 109.51 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF091445.D
 Acq: 6 Dec 2016 5:34

Instrument :
 BNA_F
 ClientSampleId :
 PB95045TB

Tot Ion:330 Resp: 334445
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 33.4 33.6 50.4#

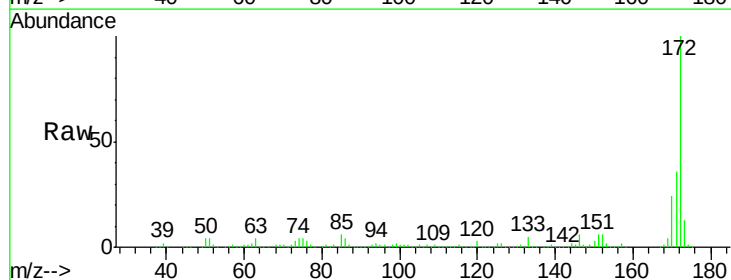


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

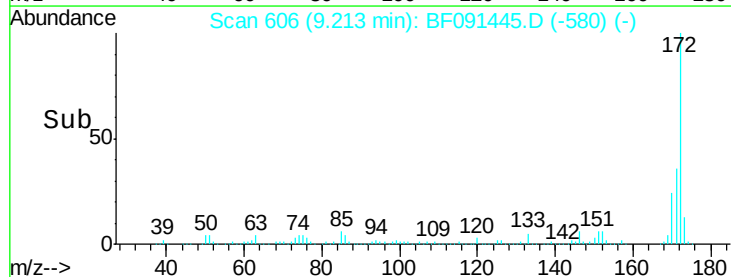
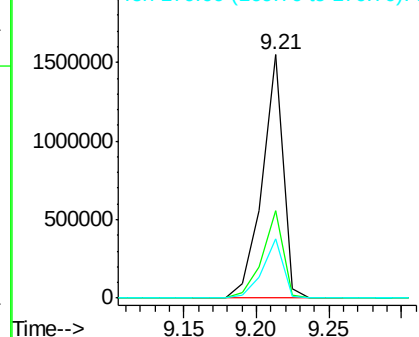


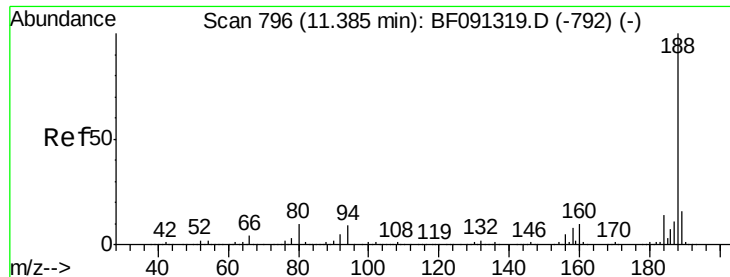
#44
 2-Fluorobiphenyl
 Concen: 87.40 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF091445.D
 Acq: 6 Dec 2016 5:34

Tgt Ion:172 Resp: 1557177
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.2 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

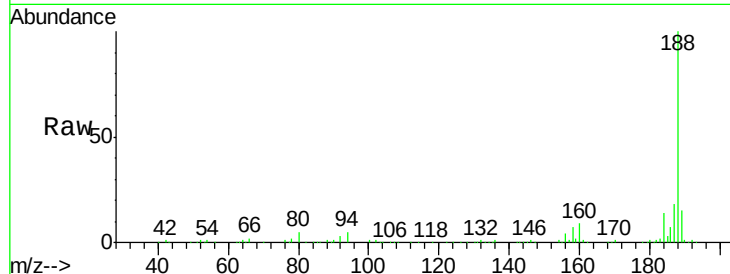




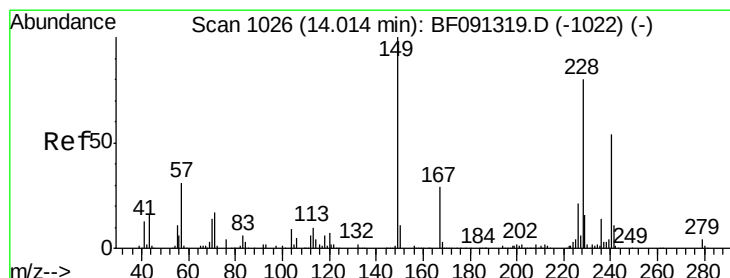
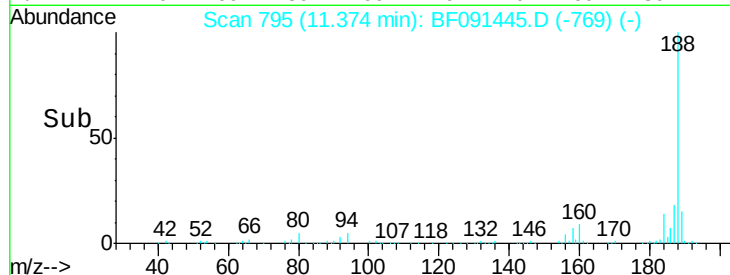
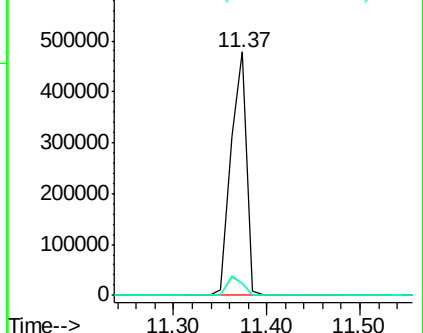
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF091445.D
Acq: 6 Dec 2016 5:34

Instrument :
BNA_F
ClientSampleId :
PB95045TB

Tot Ion:188 Resp: 561408
Ion Ratio Lower Upper
188 100
94 4.7 9.2 13.8#
80 4.7 10.5 15.7#

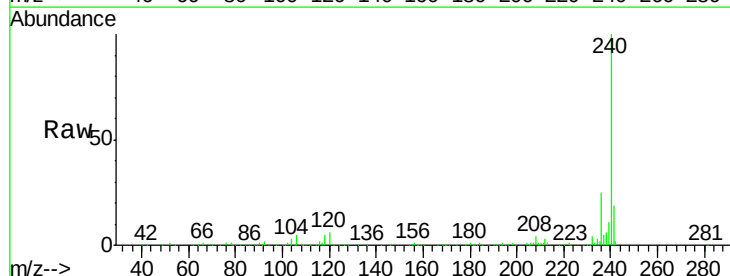


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

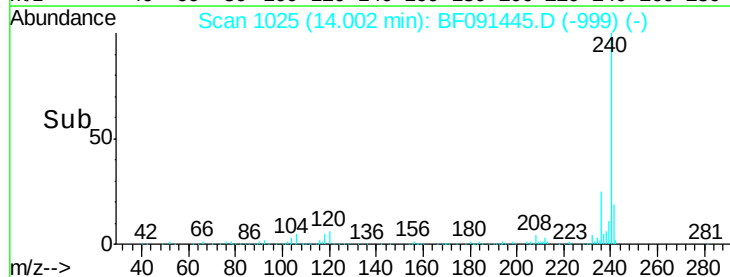
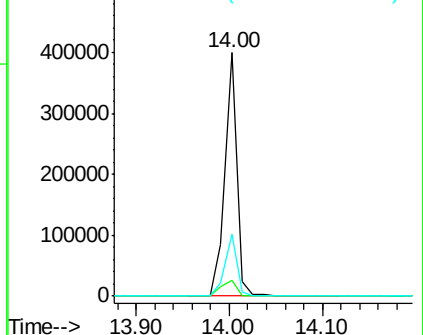


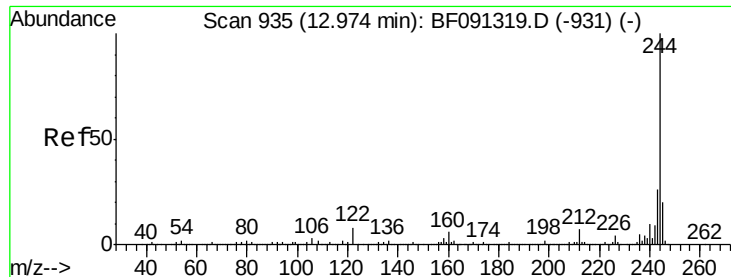
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF091445.D
Acq: 6 Dec 2016 5:34

Tgt Ion:240 Resp: 355521
Ion Ratio Lower Upper
240 100
120 6.3 12.1 18.1#
236 25.2 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: 94.82 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF091445.D

Acq: 6 Dec 2016 5:34

Instrument :

BNA_F

ClientSampleId :

PB95045TB

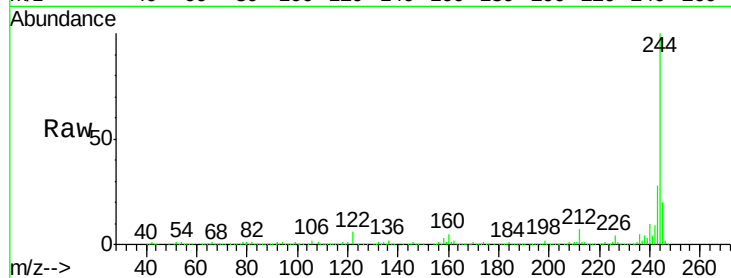
Tot Ion:244 Resp: 1550964

Ion Ratio Lower Upper

244 100

212 6.7 6.5 9.7

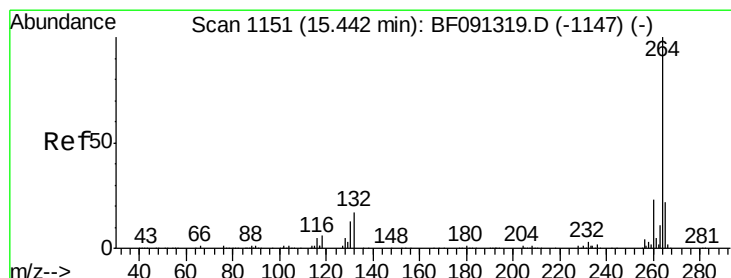
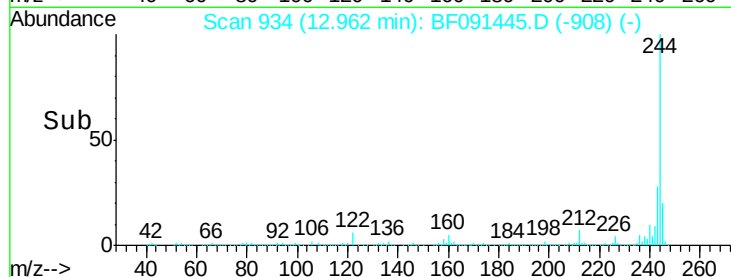
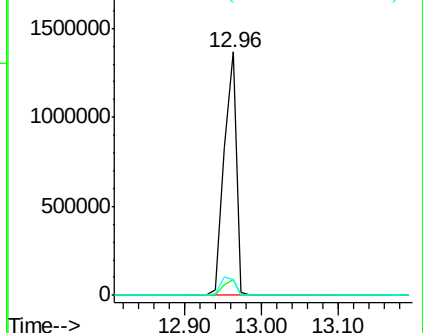
122 6.2 9.5 14.3#



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: 15.43 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF091445.D

Acq: 6 Dec 2016 5:34

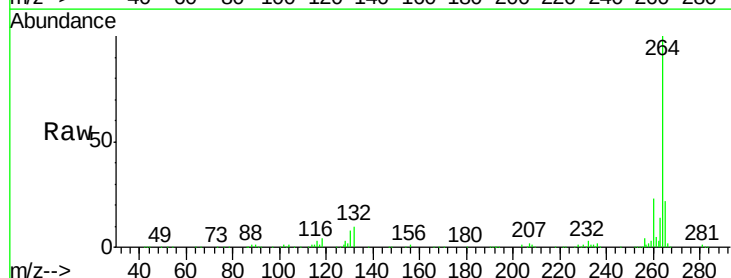
Tgt Ion:264 Resp: 269482

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 22.2 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

