

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091411.D
 Acq On : 3 Dec 2016 1:24
 Operator : UM/SJ
 Sample : H5825-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S120116SF-S-3

Quant Time: Dec 03 03:01:12 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

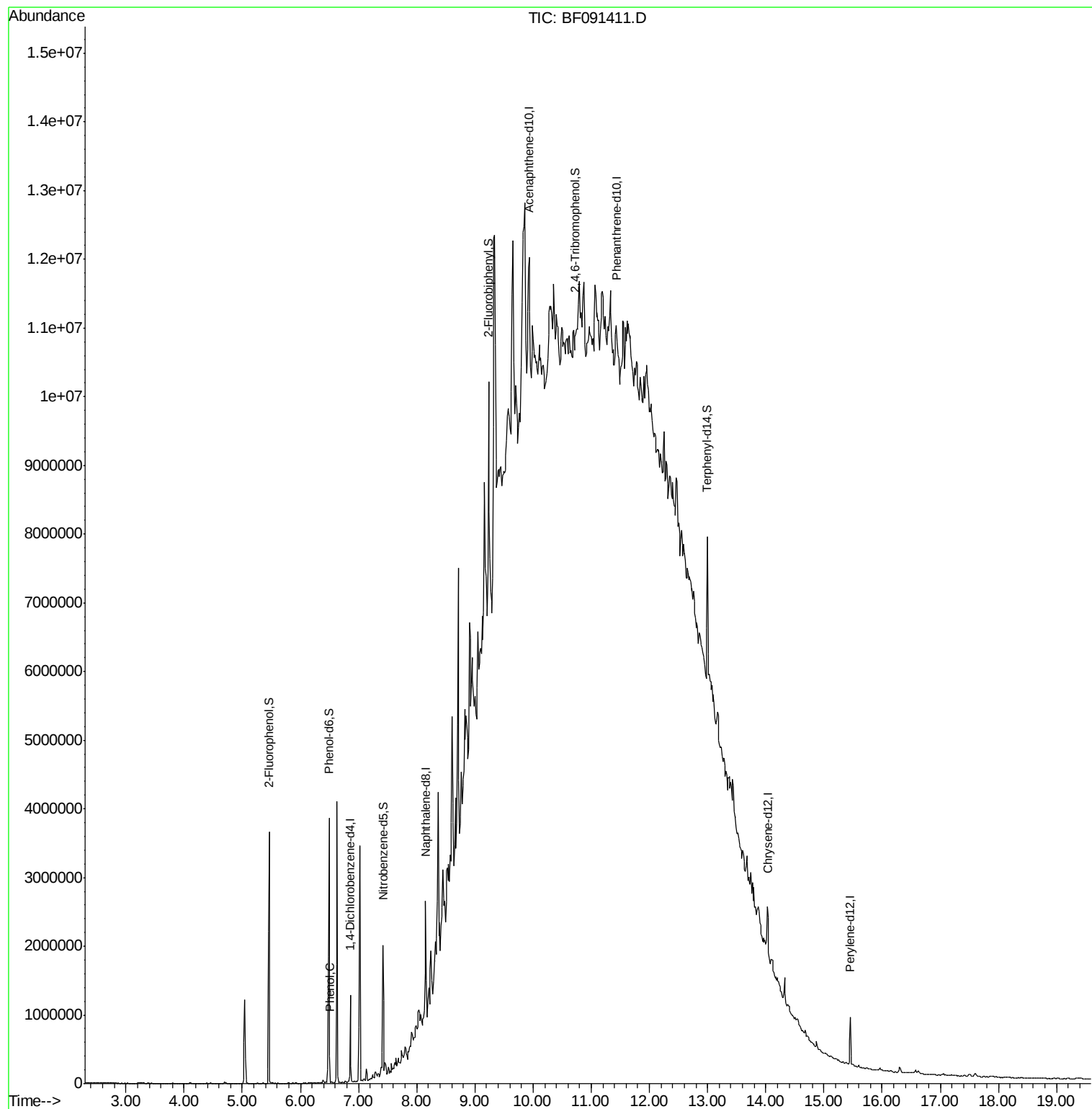
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	160940	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	625902	20.00	ng	-0.02
38) Acenaphthene-d10	9.93	164	244551	20.00	ng	0.02
63) Phenanthrene-d10	11.43	188	288607	20.00	ng	0.03
75) Chrysene-d12	14.04	240	350303	20.00	ng	0.00
86) Perylene-d12	15.45	264	323404	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1056417	107.23	ng	0.00
7) Phenol-d6	6.49	99	1285299	105.98	ng	0.00
23) Nitrobenzene-d5	7.42	82	739333	66.20	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	205737	88.86	ng	0.02
44) 2-Fluorobiphenyl	9.24	172	1098840	81.36	ng	0.00
78) Terphenyl-d14	13.00	244	846303	52.51	ng	0.00
Target Compounds						
10) Phenol	6.50	94	88830	6.22	ng	Qvalue 81

(#) = 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: BF091411.D

Acq: 3 Dec 2016 1:24

Instrument :

BNA_F

ClientSampleId :

S120116SF-S-3

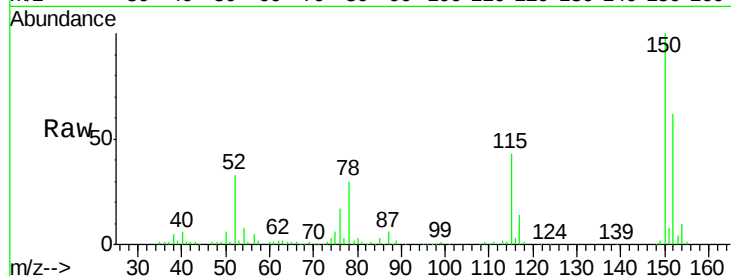
Tgt Ion:152 Resp: 160940

Ion Ratio Lower Upper

152 100

150 160.6 122.5 183.7

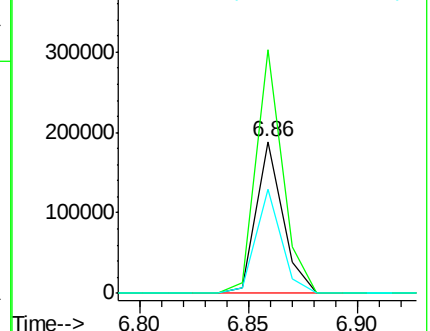
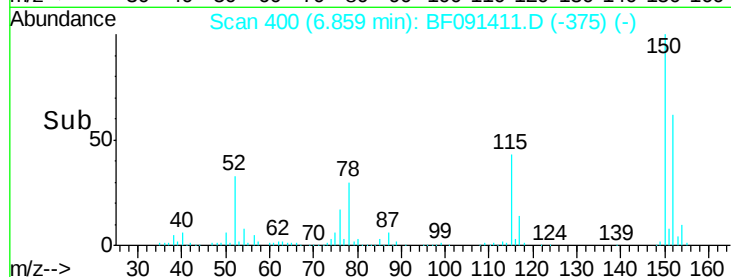
115 68.6 51.8 77.8



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: 107.23 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091411.D

Acq: 3 Dec 2016 1:24

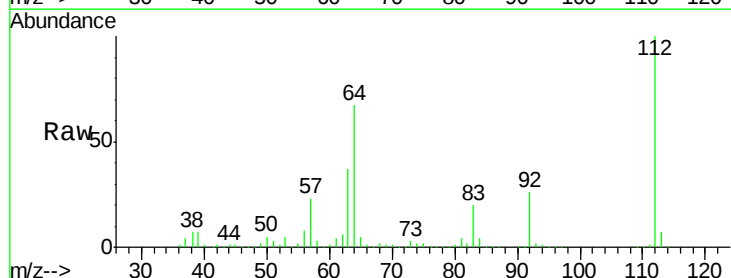
Tgt Ion:112 Resp: 1056417

Ion Ratio Lower Upper

112 100

64 67.4 61.5 92.3

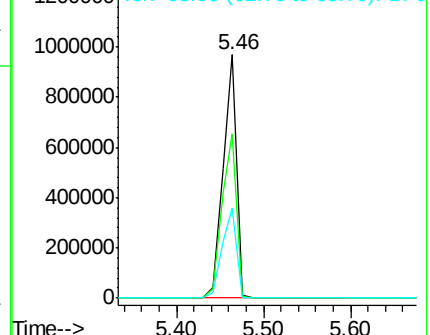
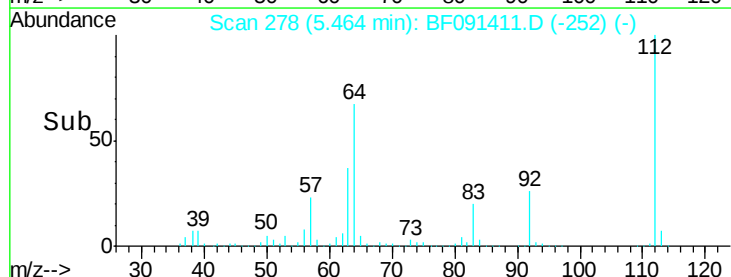
63 37.0 33.3 49.9

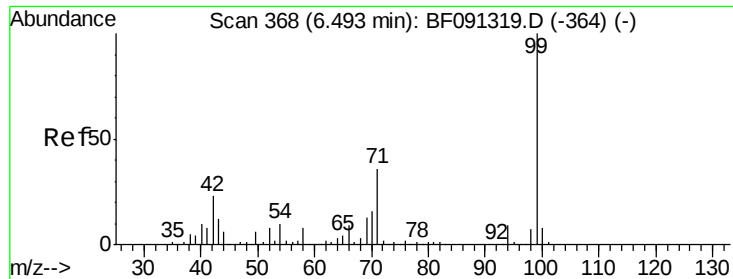


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.98 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091411.D

Acq: 3 Dec 2016 1:24

Instrument :

BNA_F

ClientSampleId :

S120116SF-S-3

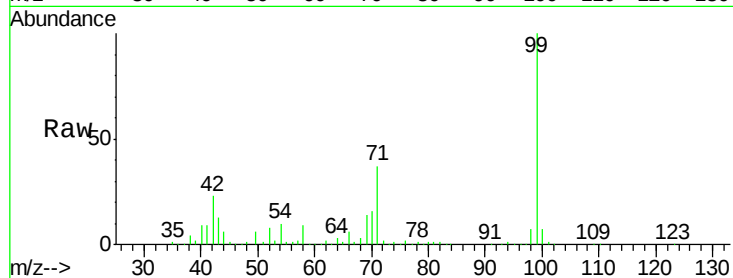
Tgt Ion: 99 Resp: 1285299

Ion Ratio Lower Upper

99 100

42 23.5 20.6 31.0

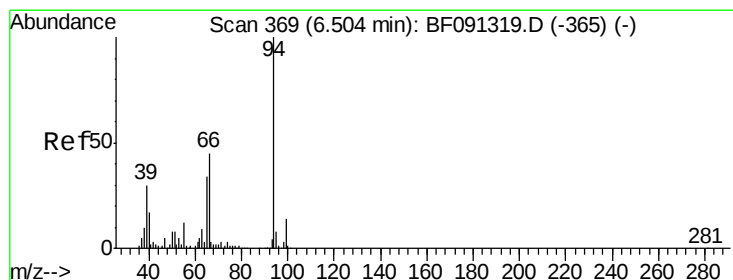
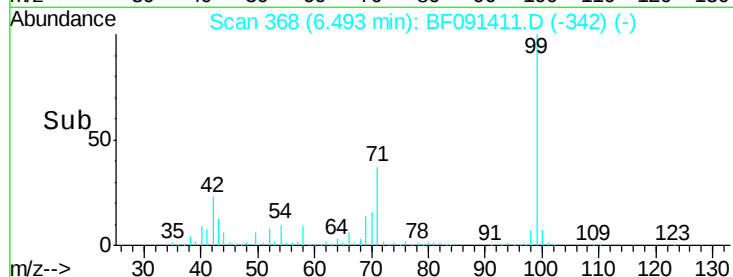
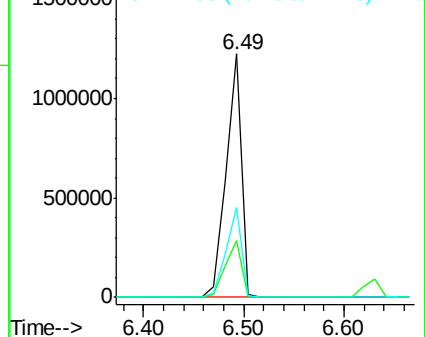
71 37.1 29.9 44.9



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



#10

Phenol

Concen: 6.22 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF091411.D

Acq: 3 Dec 2016 1:24

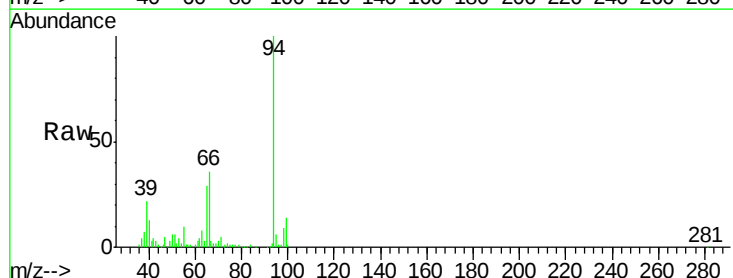
Tgt Ion: 94 Resp: 88830

Ion Ratio Lower Upper

94 100

65 28.5 16.9 56.9

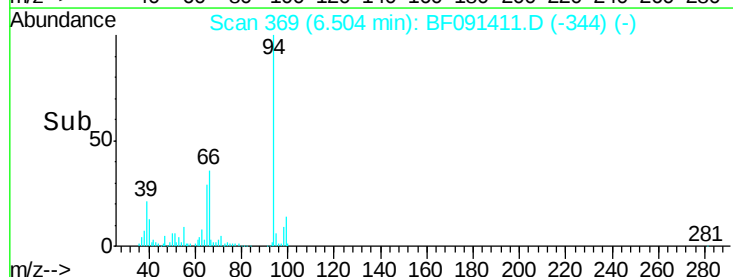
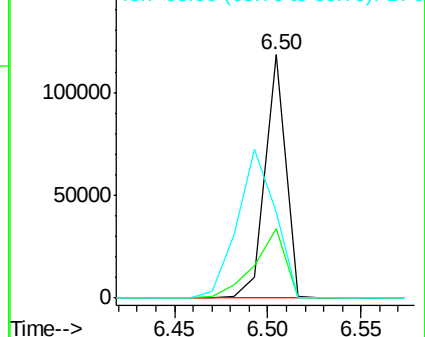
66 35.5 30.6 70.6

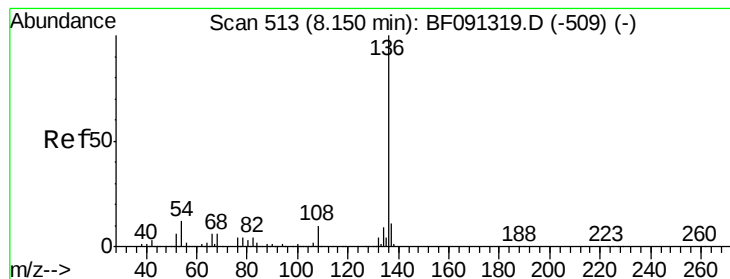


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091411.D

Acq: 3 Dec 2016 1:24

Instrument :

BNA_F

ClientSampleId :

S120116SF-S-3

Tgt Ion: 136 Resp: 625902

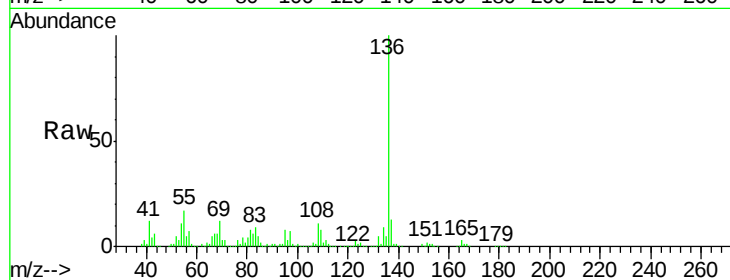
Ion Ratio Lower Upper

136 100

137 12.7 9.1 13.7

54 10.8 9.1 13.7

68 6.5 5.9 8.9

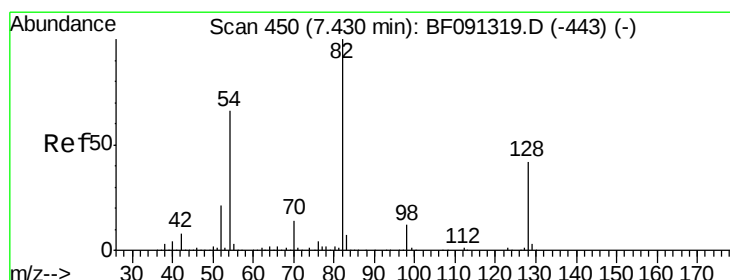
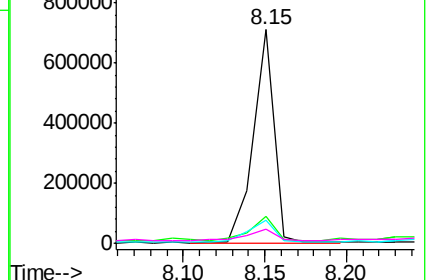
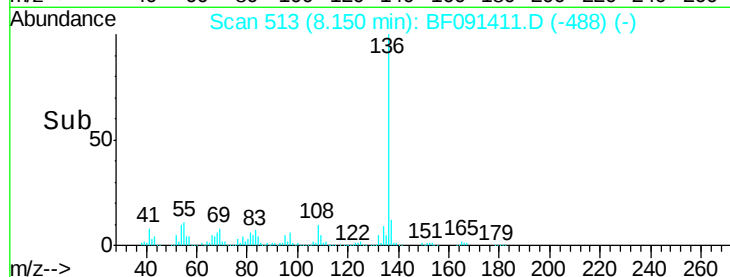


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.20 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF091411.D

Acq: 3 Dec 2016 1:24

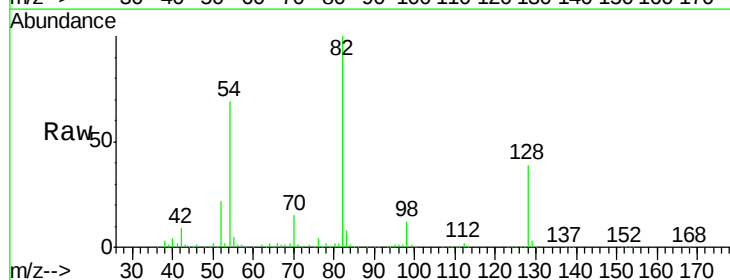
Tgt Ion: 82 Resp: 739333

Ion Ratio Lower Upper

82 100

128 38.7 31.8 47.6

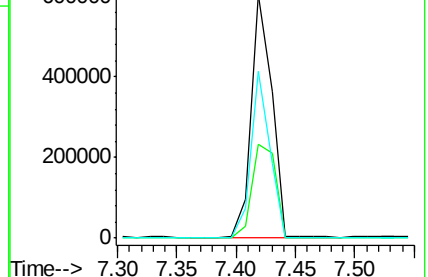
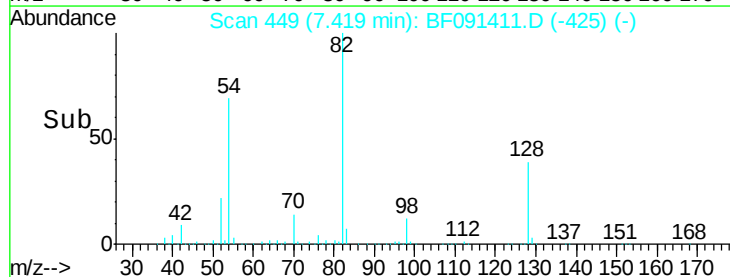
54 68.7 49.1 73.7

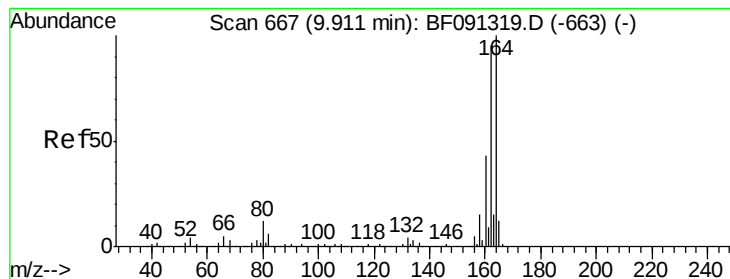


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.93 min Scan# 669

Delta R.T. 0.02 min

Lab File: BF091411.D

Acq: 3 Dec 2016 1:24

Instrument :

BNA_F

ClientSampleId :

S120116SF-S-3

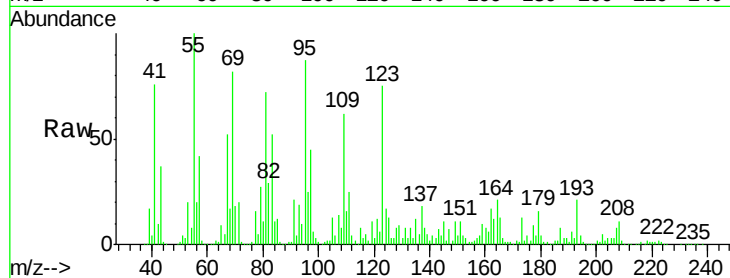
Tgt Ion:164 Resp: 244551

Ion Ratio Lower Upper

164 100

162 84.1 82.6 124.0

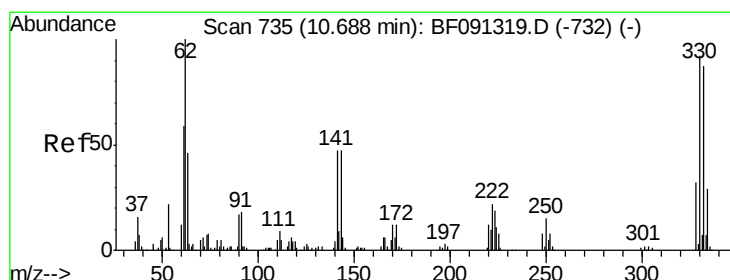
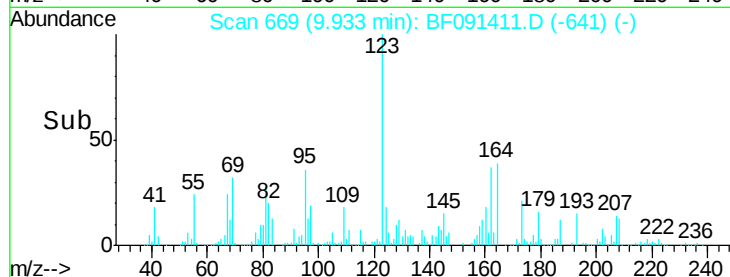
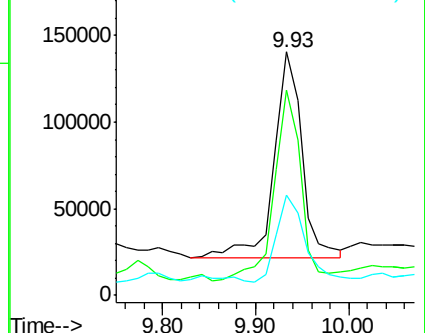
160 41.0 36.7 55.1



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: 88.86 ng

RT: 10.72 min Scan# 738

Delta R.T. 0.02 min

Lab File: BF091411.D

Acq: 3 Dec 2016 1:24

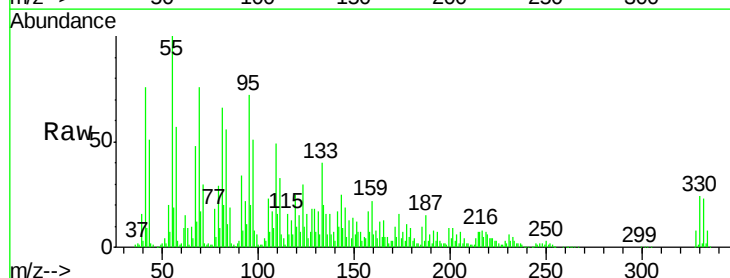
Tgt Ion:330 Resp: 205737

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

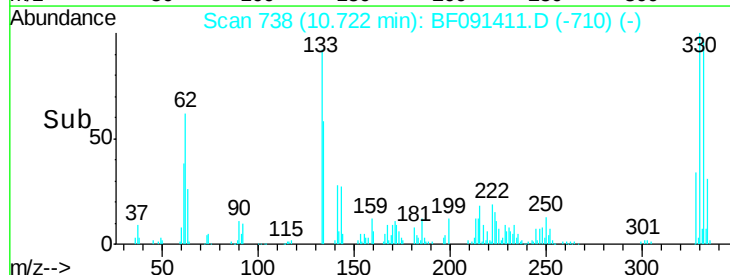
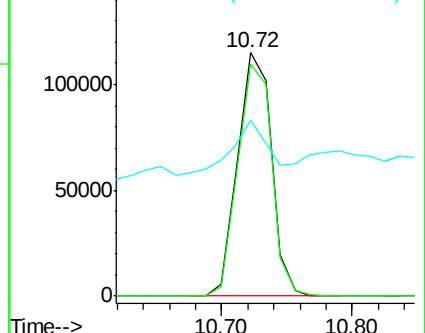
141 25.8 33.6 50.4#

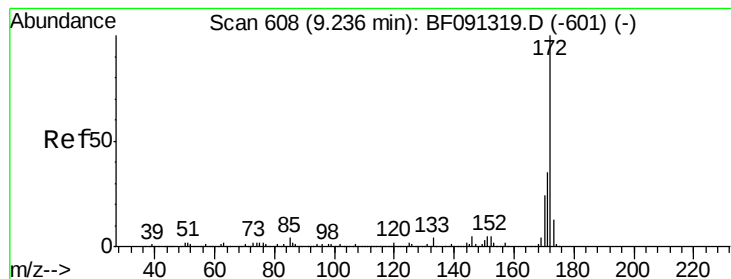


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 81.36 ng

RT: 9.24 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF091411.D

Acq: 3 Dec 2016 1:24

Instrument :

BNA_F

ClientSampleId :

S120116SF-S-3

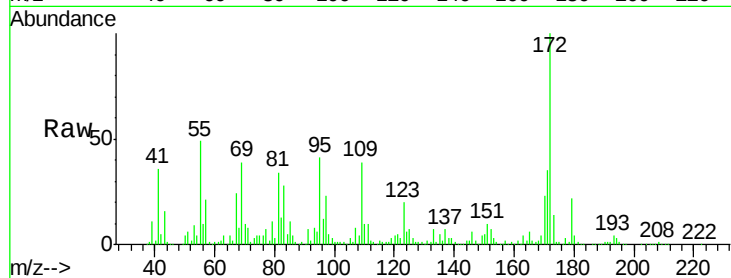
Tgt Ion:172 Resp: 1098840

Ion Ratio Lower Upper

172 100

171 35.2 29.4 44.0

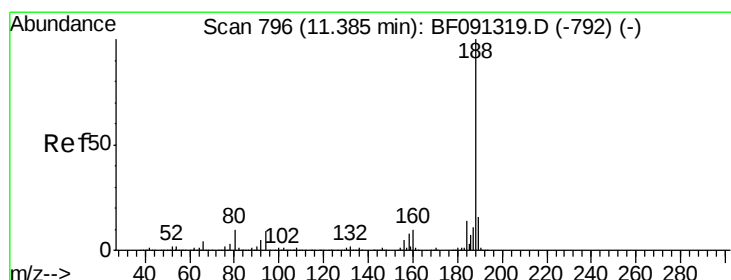
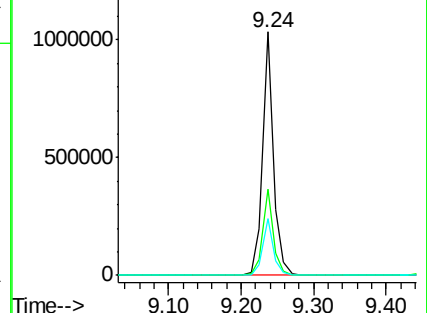
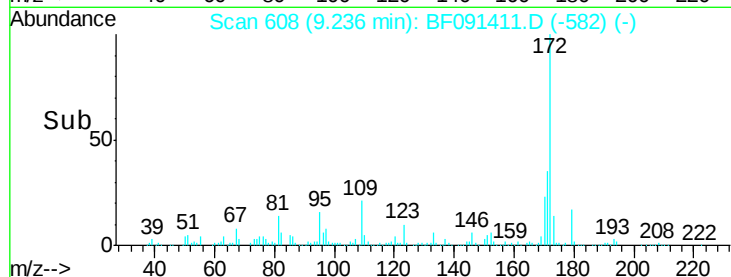
170 23.3 19.7 29.5



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: 11.43 min Scan# 800

Delta R.T. 0.03 min

Lab File: BF091411.D

Acq: 3 Dec 2016 1:24

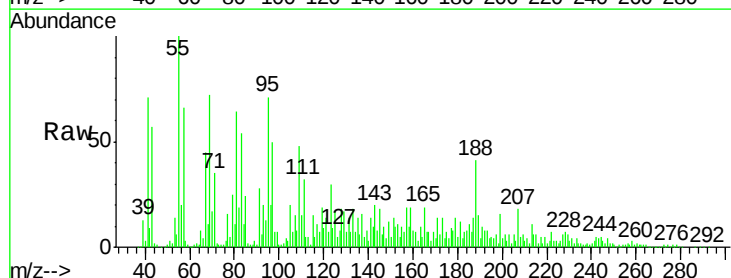
Tgt Ion:188 Resp: 288607

Ion Ratio Lower Upper

188 100

94 30.9 9.2 13.8#

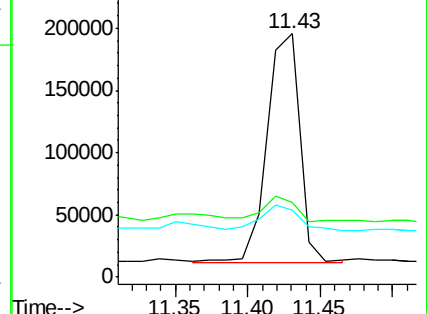
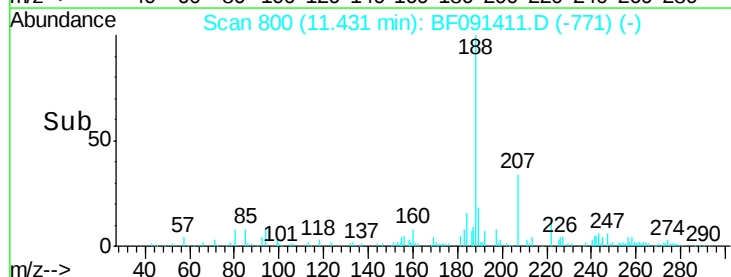
80 27.6 10.5 15.7#

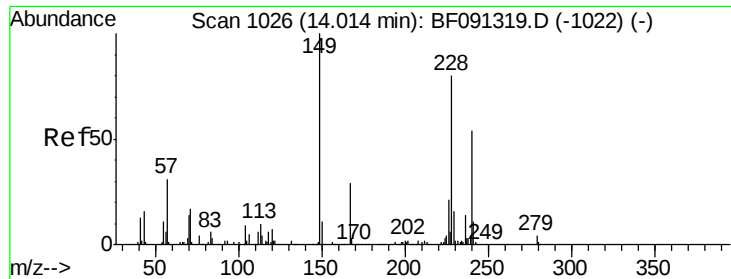


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

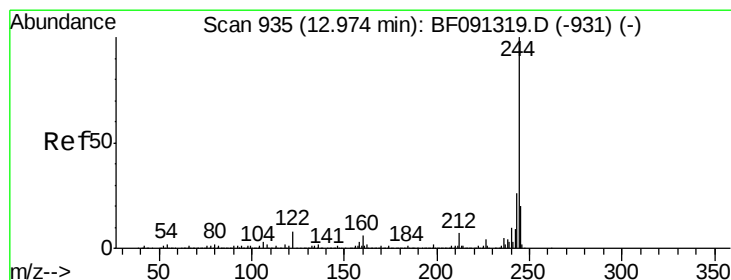
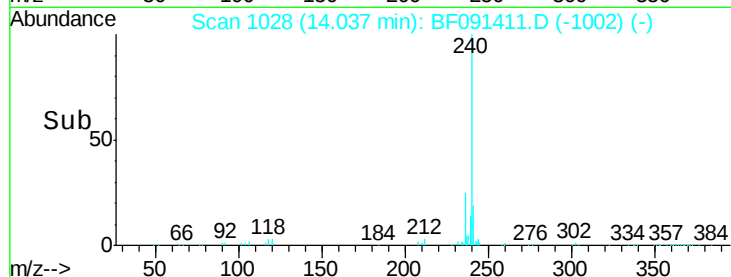
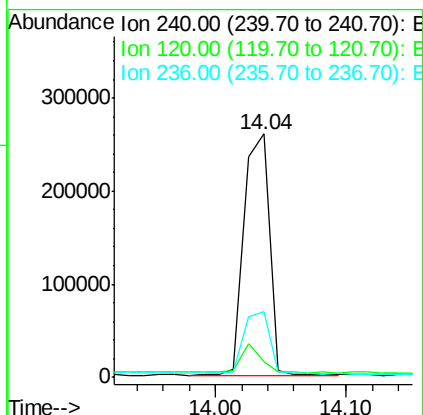
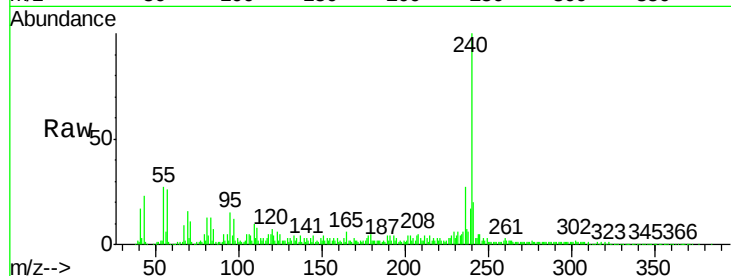




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

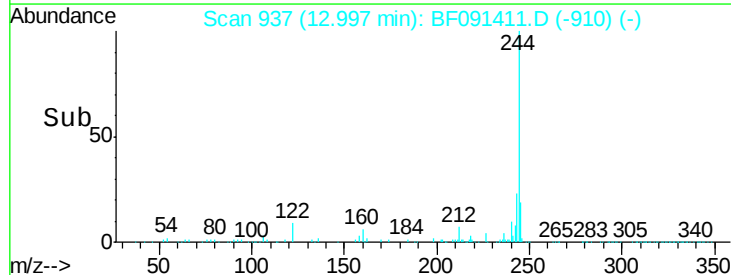
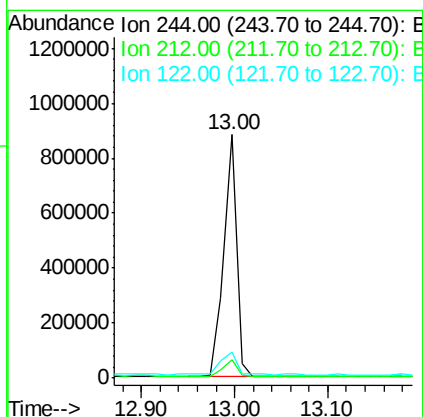
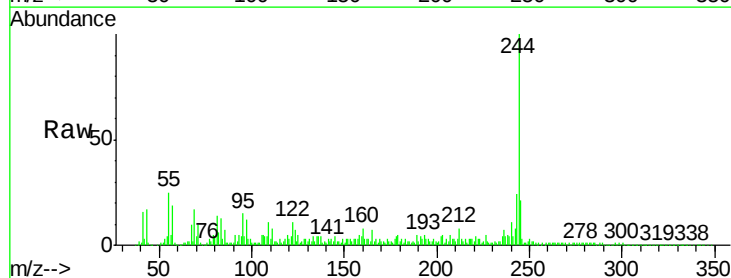
Instrument :
BNA_F
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S120116SF-S-3

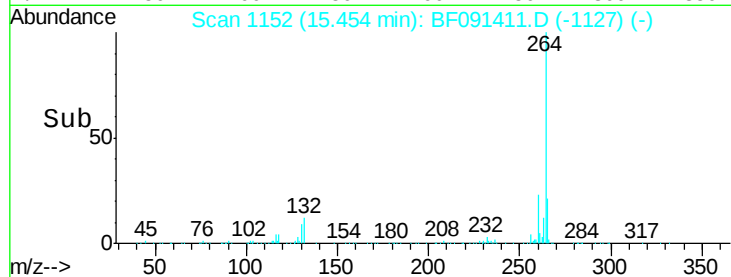
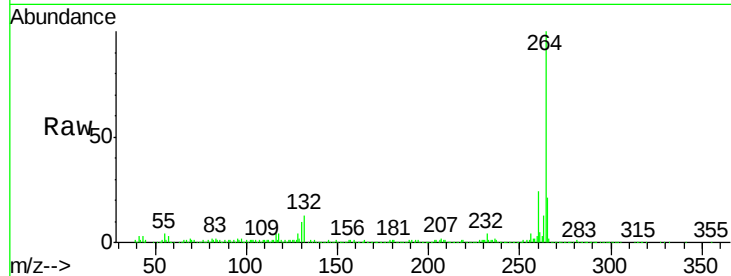
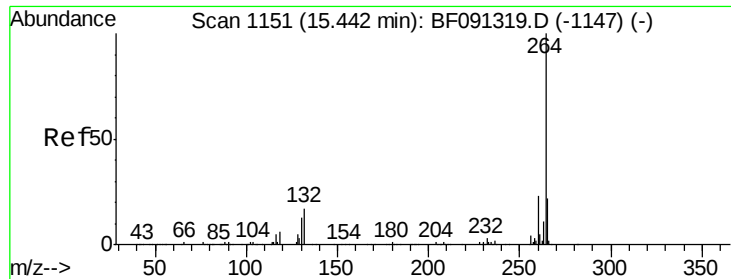
Tgt Ion:240 Resp: 350303
Ion Ratio Lower Upper
240 100
120 6.5 12.1 18.1#
236 26.9 21.0 31.6



#78
Terphenyl-d14
Concen: 52.51 ng
RT: 13.00 min Scan# 937
Delta R.T. 0.01 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Tgt Ion:244 Resp: 846303
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 10.9 9.5 14.3





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF091411.D

Acq: 3 Dec 2016 1:24

Instrument :

BNA_F

ClientSampleId :

S120116SF-S-3

Tgt Ion: 264 Resp: 323404

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.2 17.0 25.6

