

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
 Data File : BF091308.D
 Acq On : 24 Nov 2016 11:17
 Operator : UM/SJ
 Sample : H5721-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Nov 25 00:08:50 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

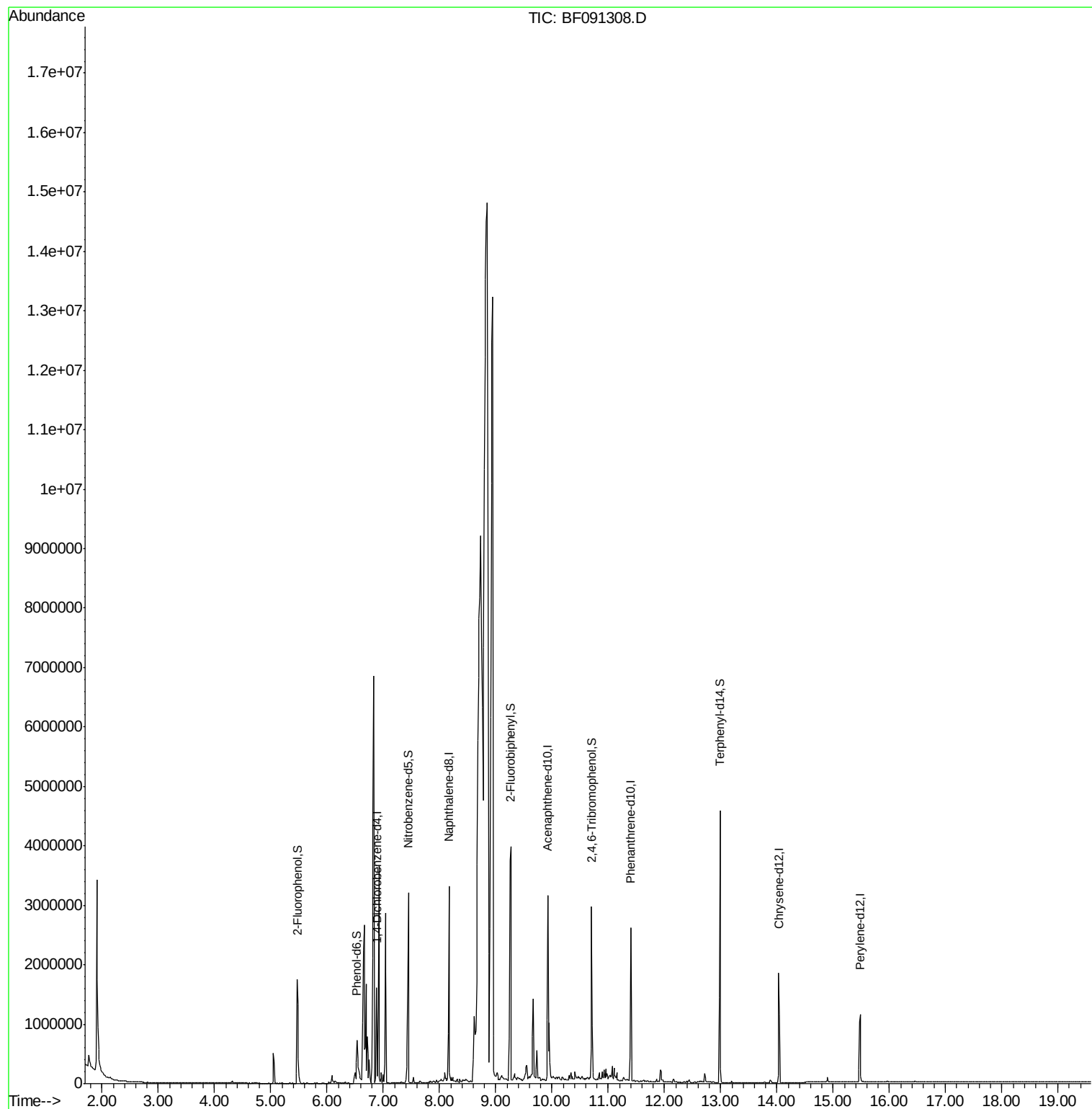
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	356360	40.00	ng	0.01
21) Naphthalene-d8	8.17	136	1363440	40.00	ng	0.00
38) Acenaphthene-d10	9.93	164	705372	40.00	ng	0.01
63) Phenanthrene-d10	11.40	188	910864	40.00	ng	0.00
75) Chrysene-d12	14.03	240	821061	40.00	ng	-0.01
86) Perylene-d12	15.48	264	651243	40.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	686263	61.88	ng	0.00
7) Phenol-d6	6.53	99	595902	41.82	ng	0.03
23) Nitrobenzene-d5	7.45	82	1141223	96.37	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	368971	103.74	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1998194	92.77	ng	0.02
78) Terphenyl-d14	12.99	244	1443202	80.29	ng	0.00
Target Compounds						
9) Benzaldehyde	6.66	77	29331	2.19	ng	Qvalue 90

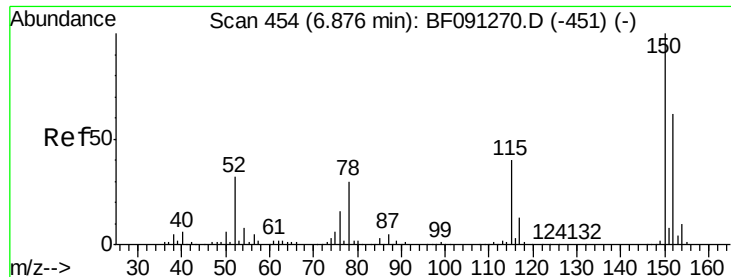
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.89 min Scan# 455

Delta R.T. 0.01 min

Lab File: BF091308.D

Acq: 24 Nov 2016 11:17

Instrument :

BNA_F

ClientSampleId :

MW-1

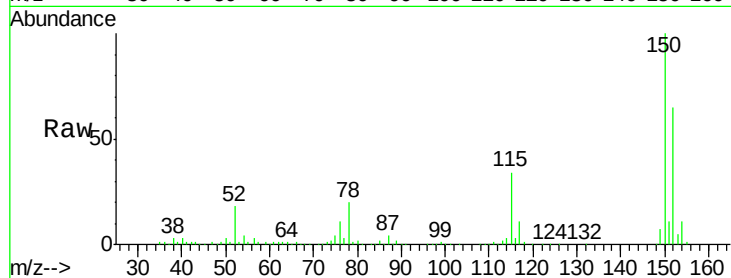
Tot Ion:152 Resp: 356360

Ion Ratio Lower Upper

152 100

150 153.3 122.5 183.7

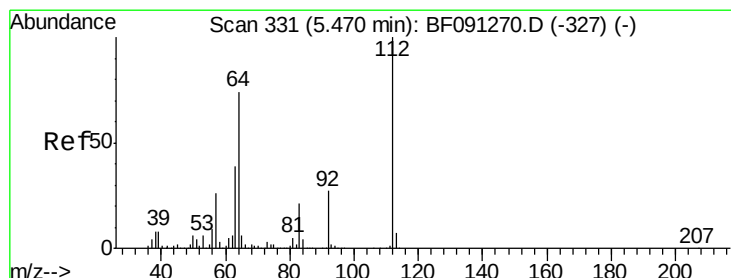
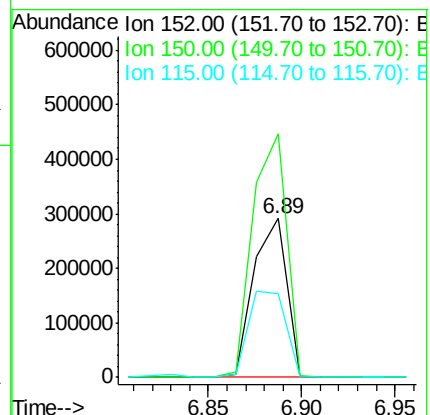
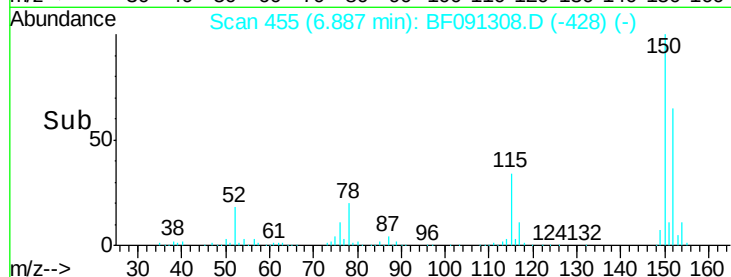
115 52.6 51.8 77.8



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: 61.88 ng

RT: 5.47 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF091308.D

Acq: 24 Nov 2016 11:17

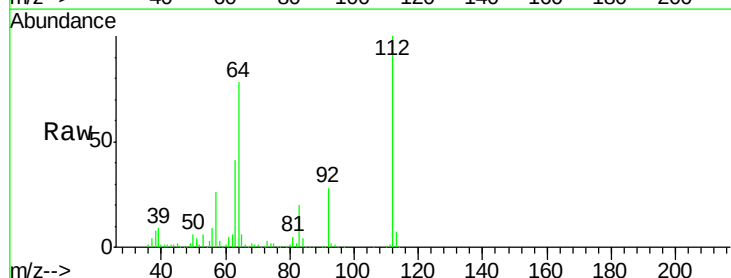
Tgt Ion:112 Resp: 686263

Ion Ratio Lower Upper

112 100

64 77.9 61.5 92.3

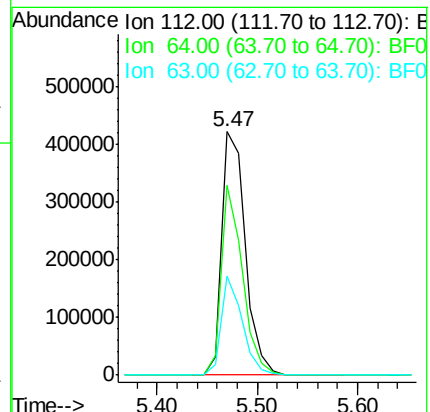
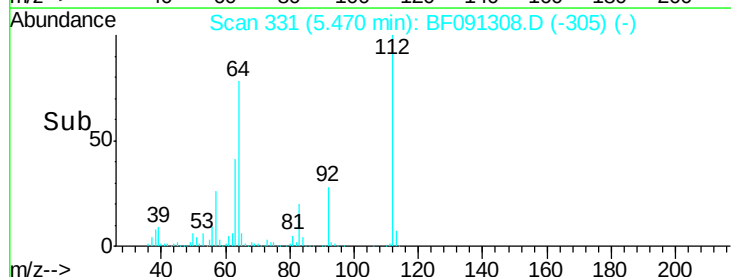
63 40.7 33.3 49.9

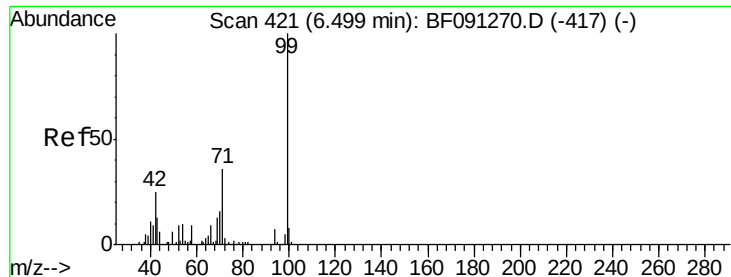


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.82 ng

RT: 6.53 min Scan# 424

Delta R.T. 0.03 min

Lab File: BF091308.D

Acq: 24 Nov 2016 11:17

Instrument :

BNA_F

ClientSampleId :

MW-1

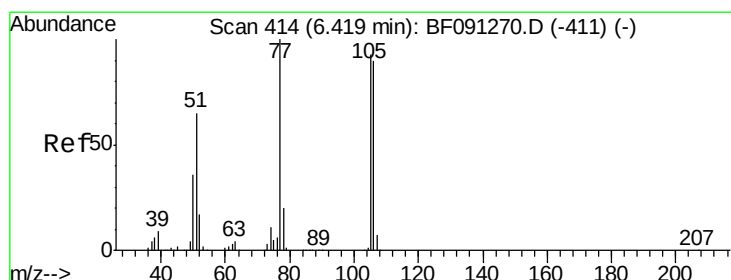
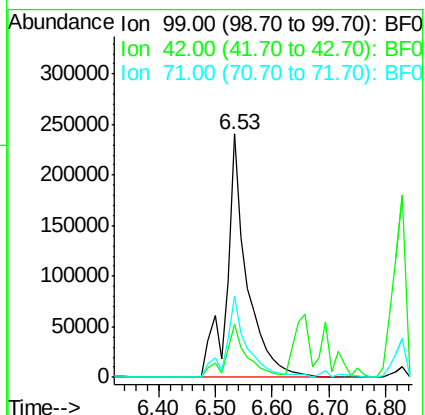
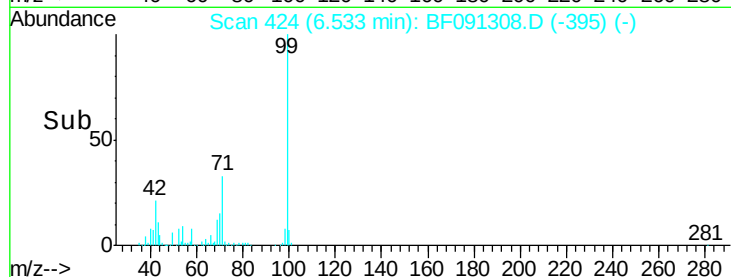
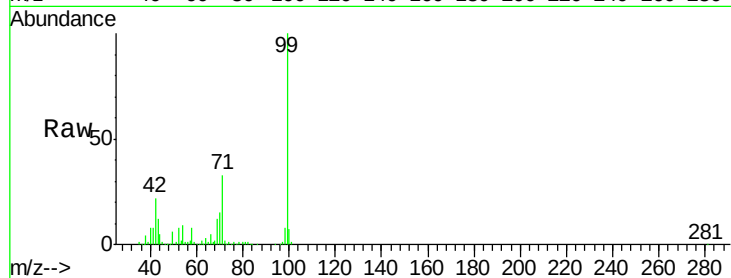
Tot Ion: 99 Resp: 595902

Ion Ratio Lower Upper

99 100

42 21.9 20.6 31.0

71 33.4 29.9 44.9



#9

Benzaldehyde

Concen: 2.19 ng

RT: 6.66 min Scan# 435

Delta R.T. 0.24 min

Lab File: BF091308.D

Acq: 24 Nov 2016 11:17

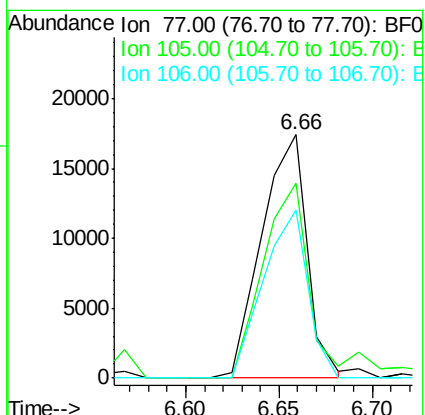
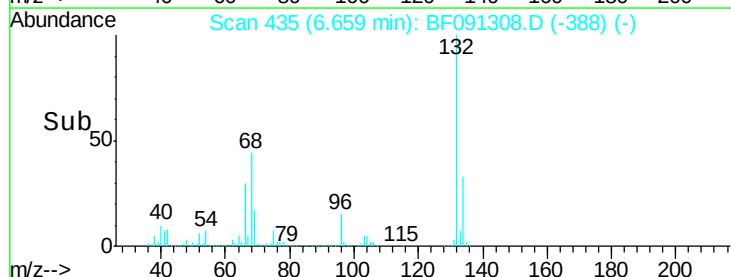
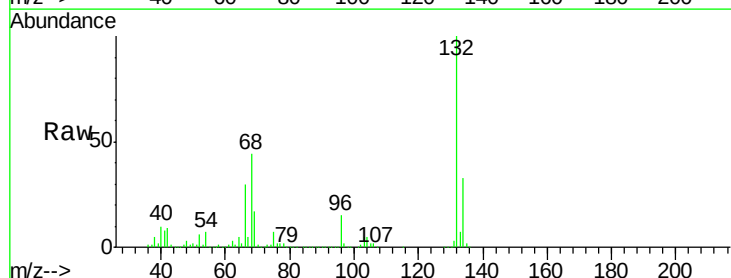
Tgt Ion: 77 Resp: 29331

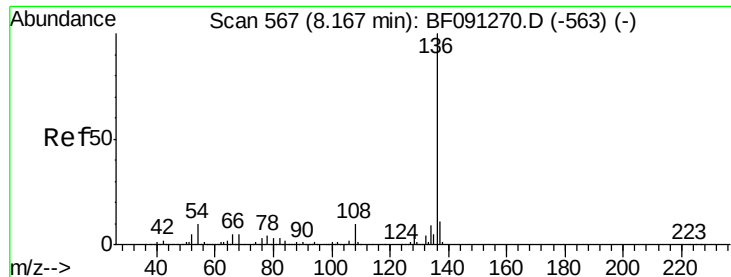
Ion Ratio Lower Upper

77 100

105 79.9 66.4 106.4

106 69.1 60.9 100.9

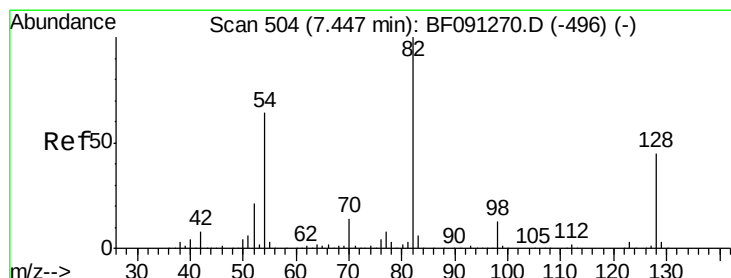
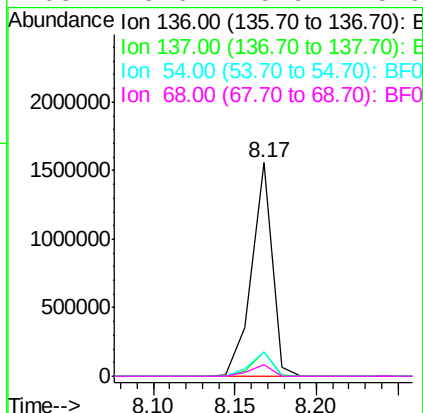
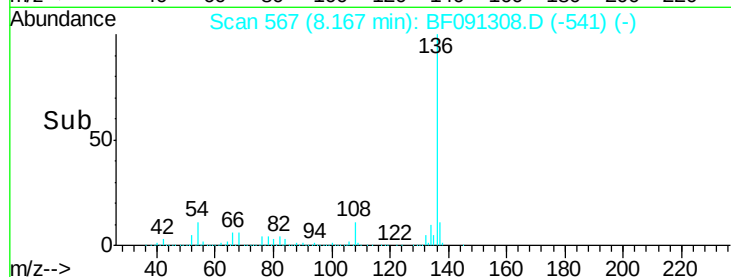
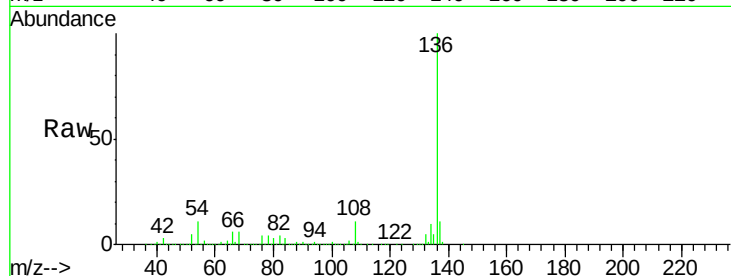




#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.17 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF091308.D
Acq: 24 Nov 2016 11:17

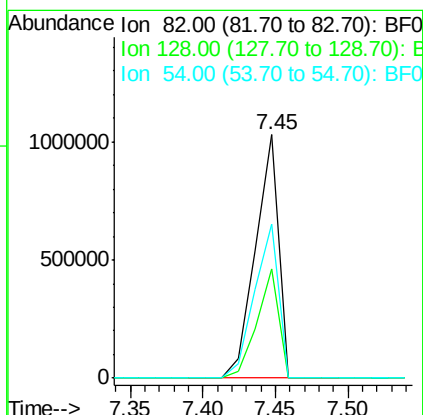
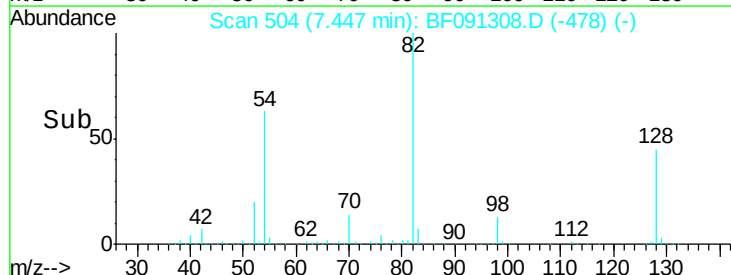
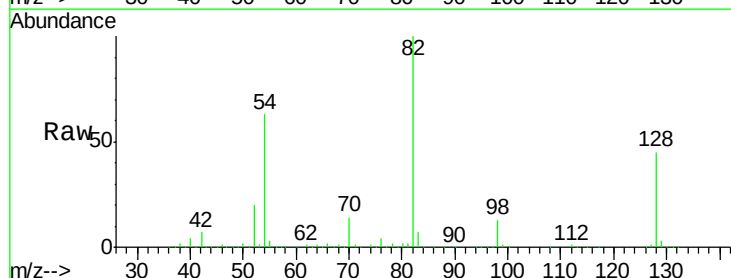
Instrument :
BNA_F
ClientSampleId :
MW-1

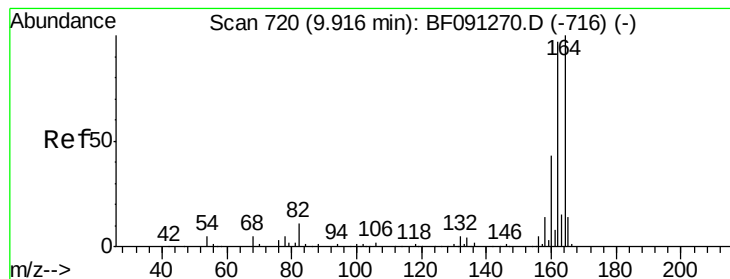
Tot Ion:136 Resp: 1363440
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 11.2 9.1 13.7
68 5.6 5.9 8.9#



#23
Nitrobenzene-d5
Concen: 96.37 ng
RT: 7.45 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF091308.D
Acq: 24 Nov 2016 11:17

Tgt Ion: 82 Resp: 1141223
Ion Ratio Lower Upper
82 100
128 45.1 31.8 47.6
54 63.2 49.1 73.7





#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.93 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF091308.D

Acq: 24 Nov 2016 11:17

Instrument :

BNA_F

ClientSampleId :

MW-1

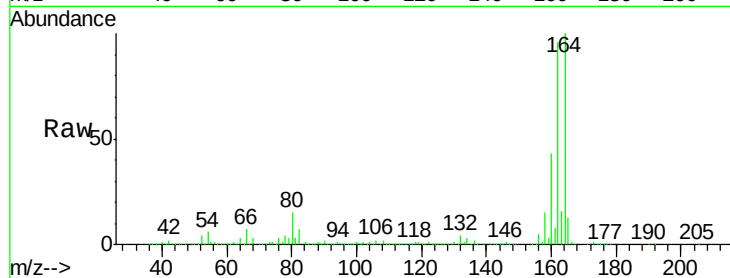
Tot Ion:164 Resp: 705372

Ion Ratio Lower Upper

164 100

162 96.0 82.6 124.0

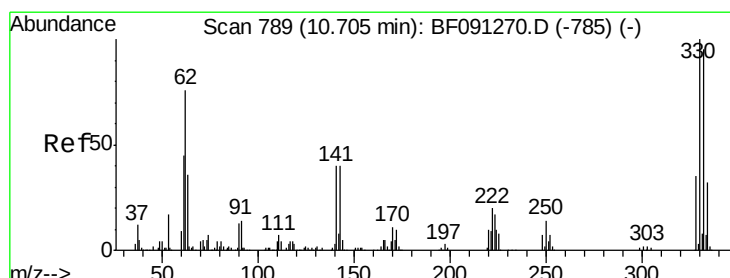
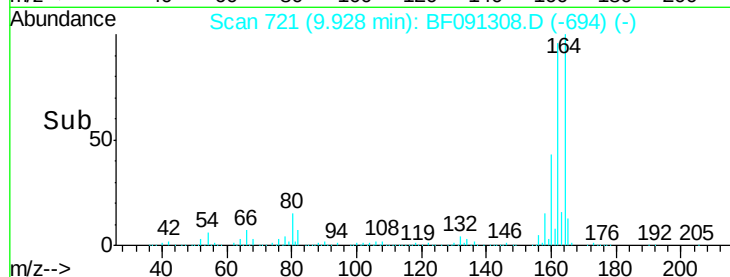
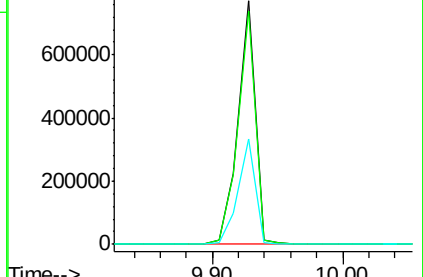
160 43.4 36.7 55.1



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: 103.74 ng

RT: 10.70 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF091308.D

Acq: 24 Nov 2016 11:17

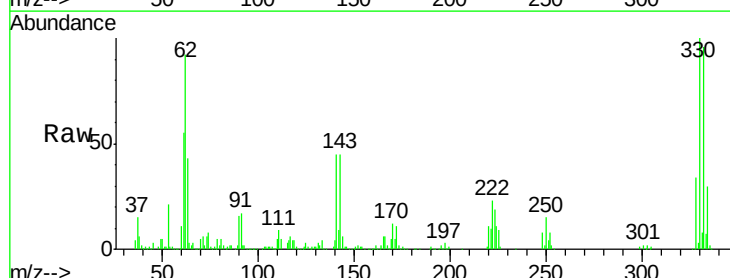
Tgt Ion:330 Resp: 368971

Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

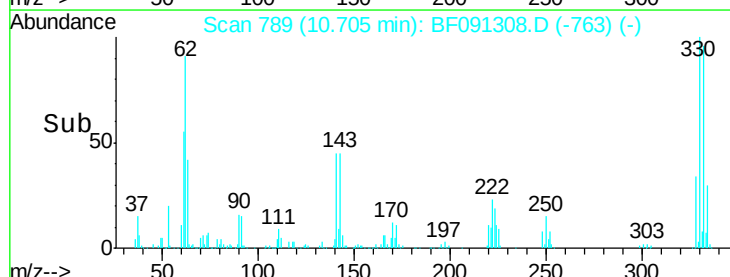
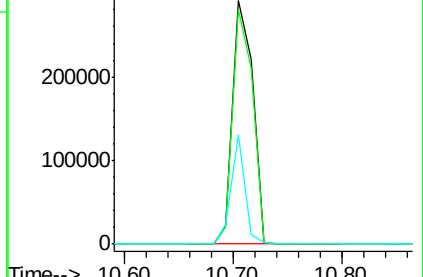
141 32.0 33.6 50.4#

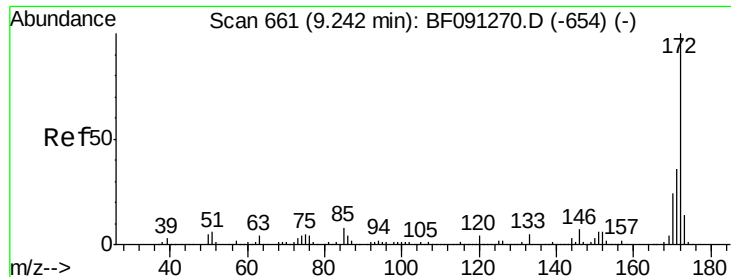


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

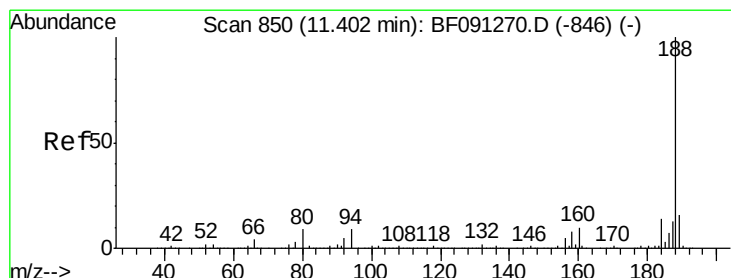
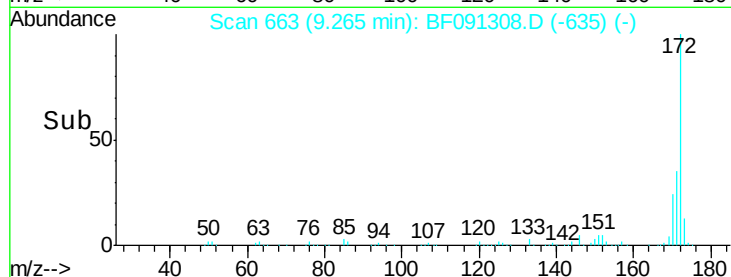
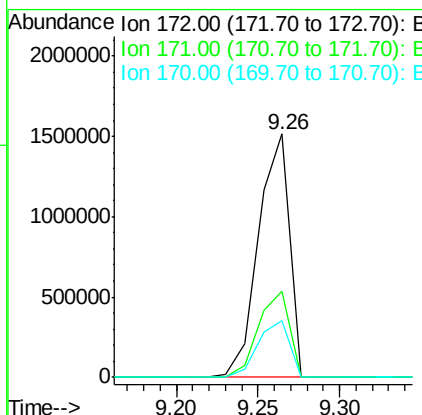
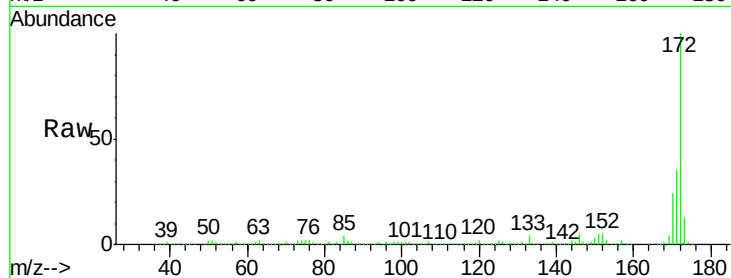




#44
2-Fluorobiphenyl
Concen: 92.77 ng
RT: 9.26 min Scan# 663
Delta R.T. 0.02 min
Lab File: BF091308.D
Acq: 24 Nov 2016 11:17

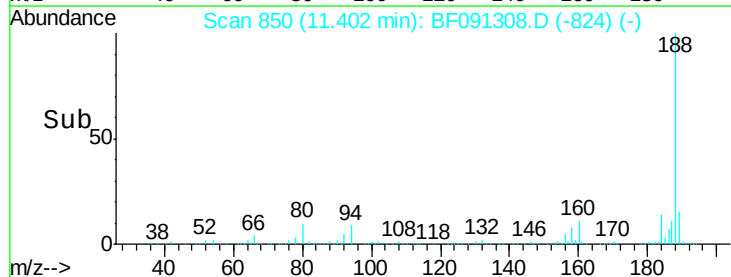
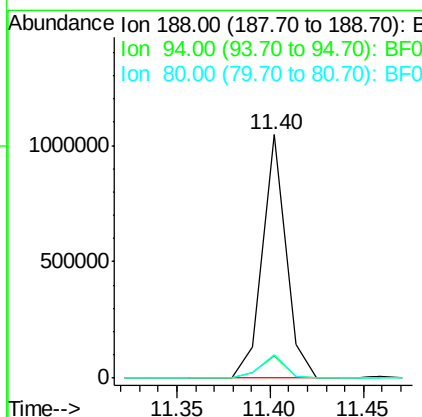
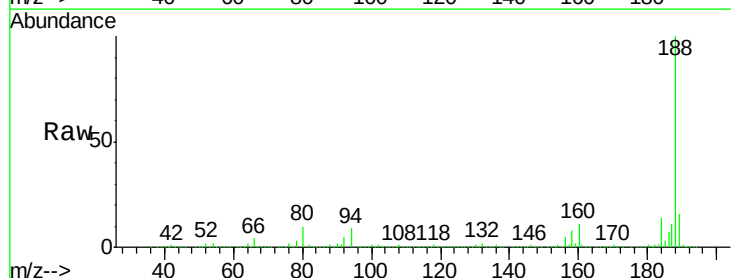
Instrument :
BNA_F
ClientSampleId :
MW-1

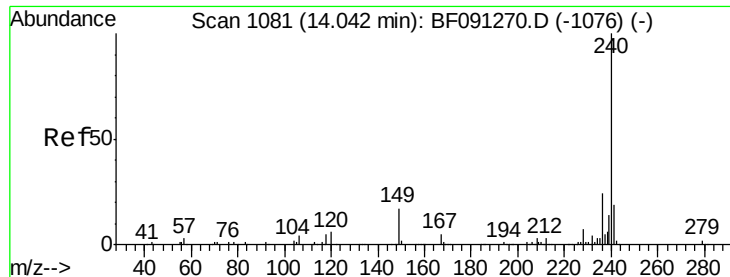
Tot Ion:172 Resp: 1998194
Ion Ratio Lower Upper
172 100
171 35.3 29.4 44.0
170 23.5 19.7 29.5



#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF091308.D
Acq: 24 Nov 2016 11:17

Tgt Ion:188 Resp: 910864
Ion Ratio Lower Upper
188 100
94 8.9 9.2 13.8#
80 9.7 10.5 15.7#





#75

Chrysene-d12

Concen: 40.00 ng

RT: 14.03 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF091308.D

Acq: 24 Nov 2016 11:17

Instrument :

BNA_F

ClientSampleId :

MW-1

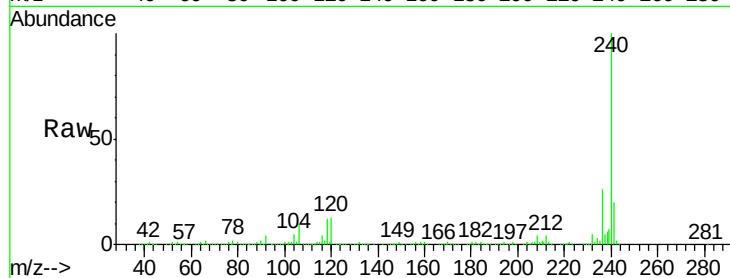
Tot Ion:240 Resp: 821061

Ion Ratio Lower Upper

240 100

120 13.5 12.1 18.1

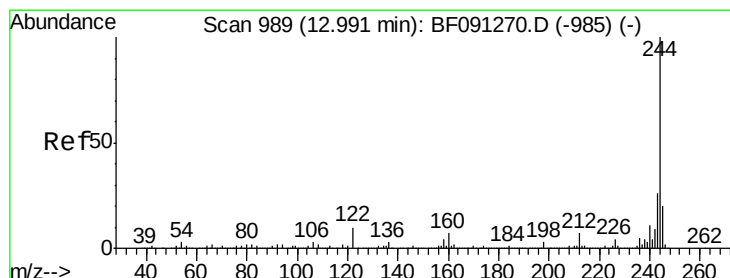
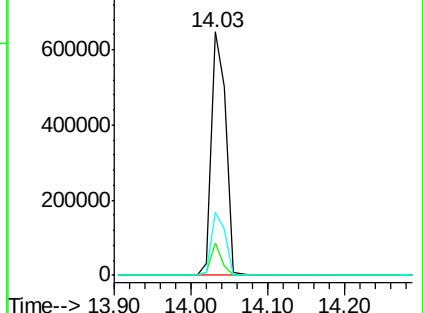
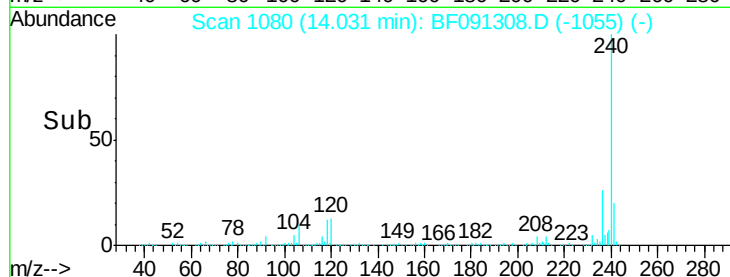
236 25.8 21.0 31.6



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: 80.29 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091308.D

Acq: 24 Nov 2016 11:17

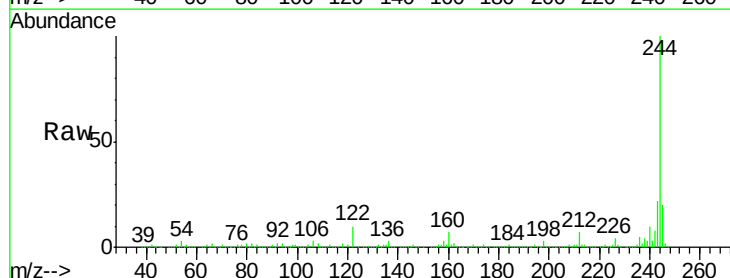
Tgt Ion:244 Resp: 1443202

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

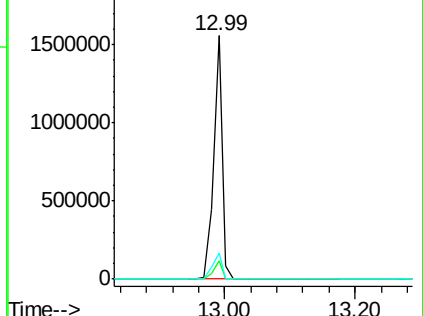
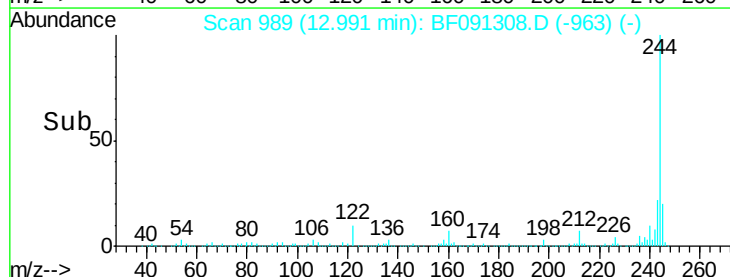
122 10.5 9.5 14.3

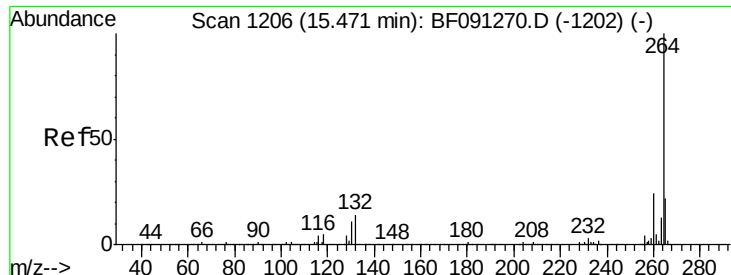


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 40.00 ng
RT: 15.48 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF091308.D
Acq: 24 Nov 2016 11:17

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:264 Resp: 651243

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.2	17.0	25.6

