

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
 Data File : BF091788.D
 Acq On : 19 Dec 2016 22:15
 Operator : UM/SJ
 Sample : H6011-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Quant Time: Dec 20 00:22:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

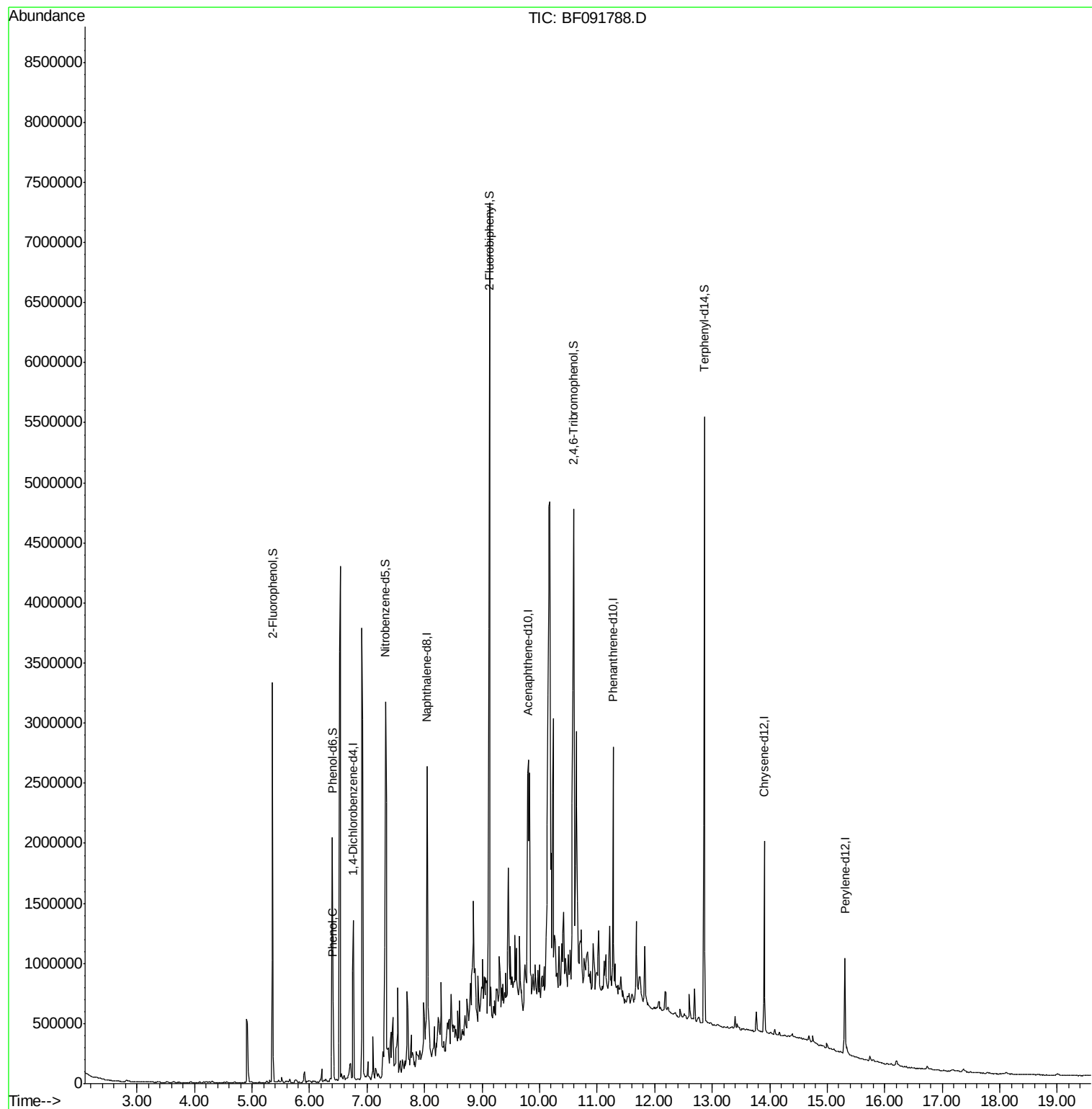
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	261249	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	997066	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	487421	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	748978	20.00	ng	-0.01
75) Chrysene-d12	13.90	240	546823	20.00	ng	-0.02
86) Perylene-d12	15.31	264	468534	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	914086	58.62	ng	-0.01
7) Phenol-d6	6.40	99	693443	36.46	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1489114	86.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	490423	118.66	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2392494	98.61	ng	-0.01
78) Terphenyl-d14	12.86	244	1680821	77.61	ng	-0.01
Target Compounds						
10) Phenol	6.41	94	55198	2.58	ng	Qvalue 83

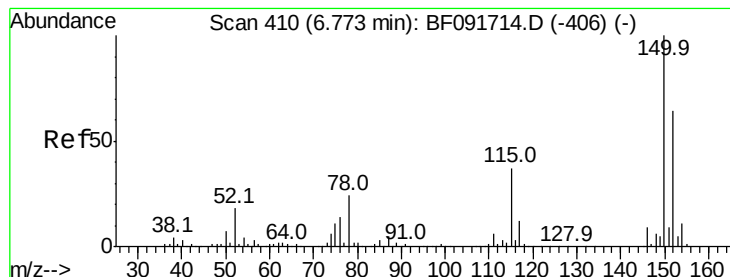
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 17 22:53:54 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091788.D

Acq: 19 Dec 2016 22:15

Instrument :

BNA_F

ClientSampled :

MW-08

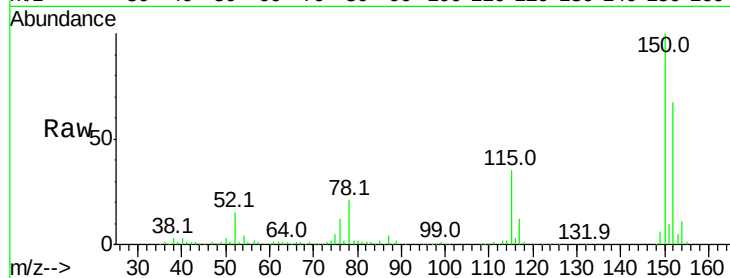
Tot Ion:152 Resp: 261249

Ion Ratio Lower Upper

152 100

150 149.4 124.9 187.3

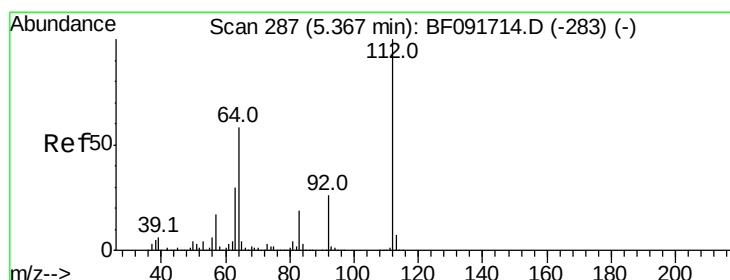
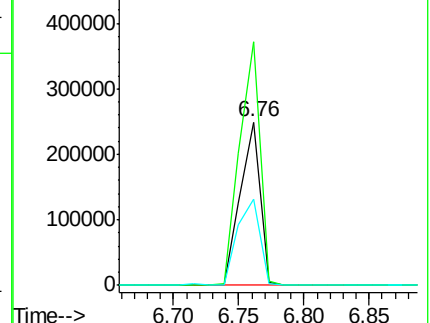
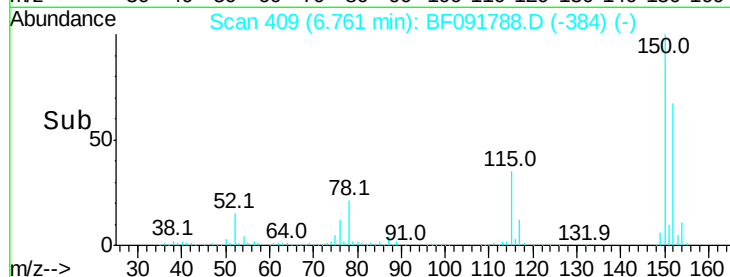
115 52.7 46.0 69.0



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: 58.62 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF091788.D

Acq: 19 Dec 2016 22:15

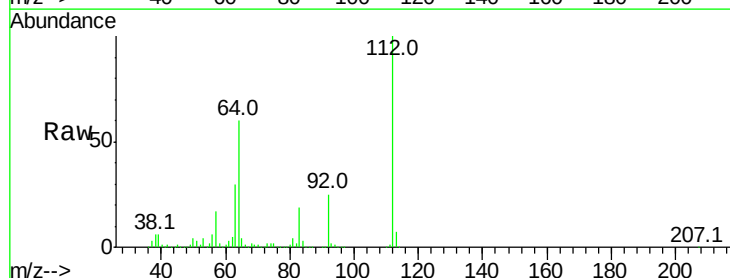
Tgt Ion:112 Resp: 914086

Ion Ratio Lower Upper

112 100

64 59.6 46.1 69.1

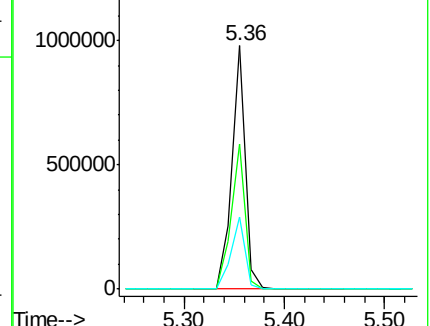
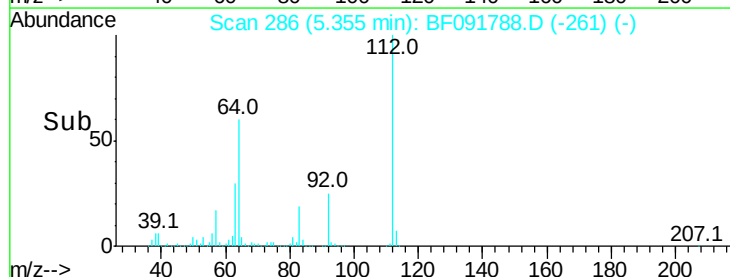
63 29.8 23.8 35.6

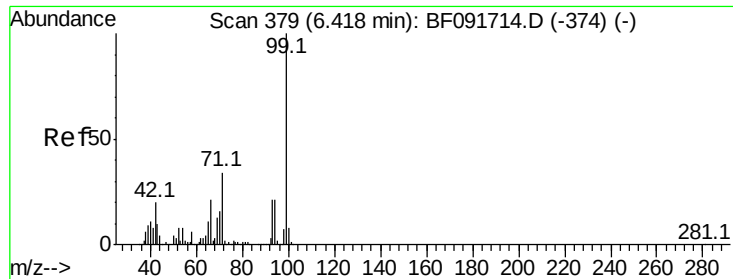


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.46 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091788.D

Acq: 19 Dec 2016 22:15

Instrument :

BNA_F

ClientSampleId :

MW-08

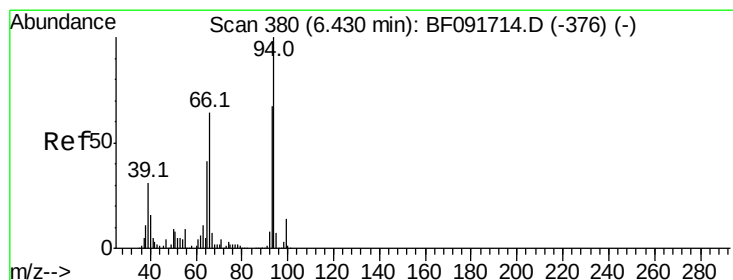
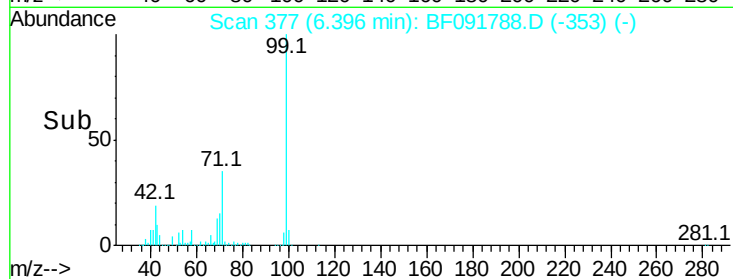
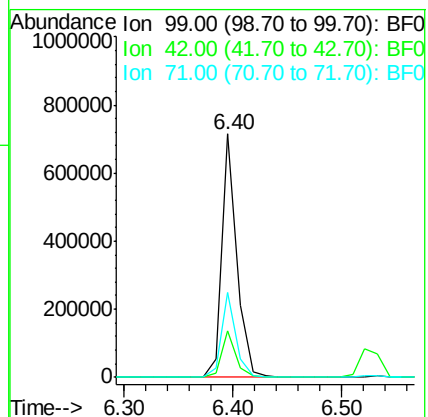
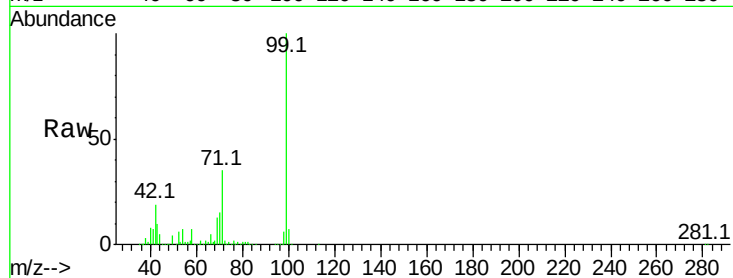
Tot Ion: 99 Resp: 693443

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

71 34.9 27.5 41.3



#10

Phenol

Concen: 2.58 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF091788.D

Acq: 19 Dec 2016 22:15

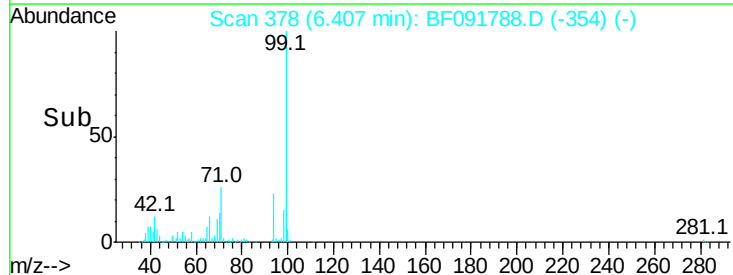
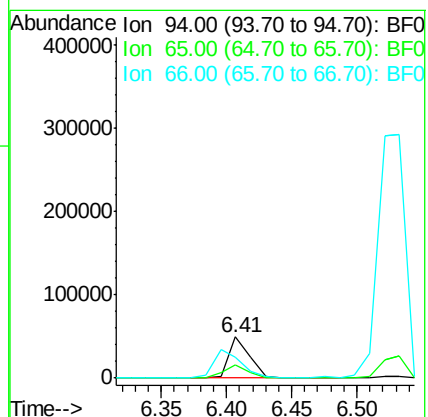
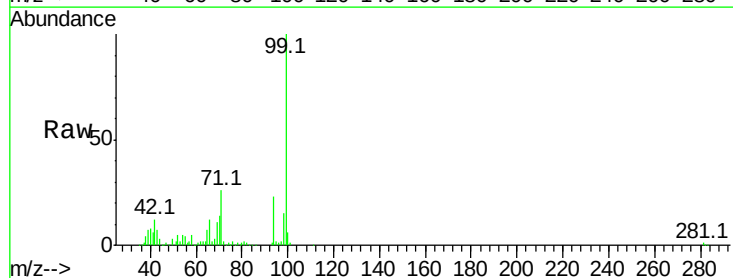
Tgt Ion: 94 Resp: 55198

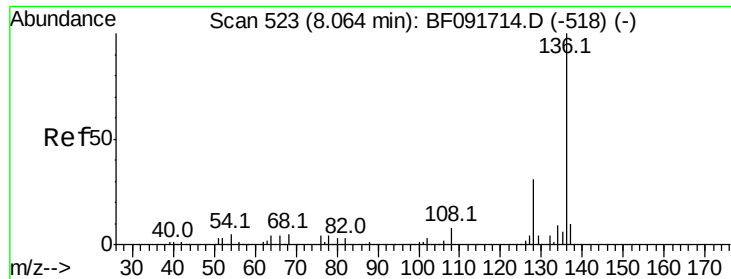
Ion Ratio Lower Upper

94 100

65 31.2 21.4 61.4

66 50.8 44.0 84.0

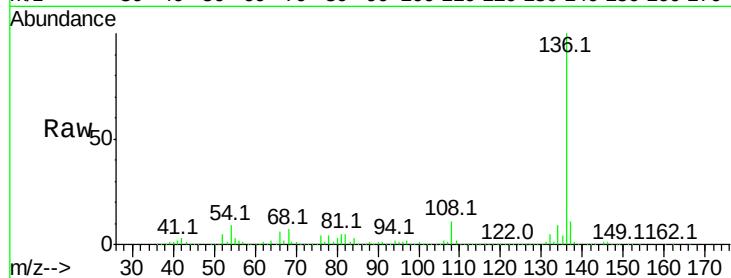




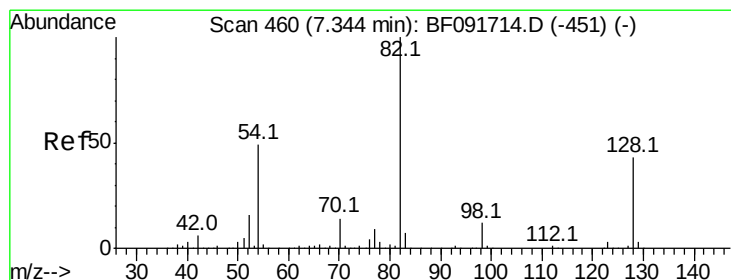
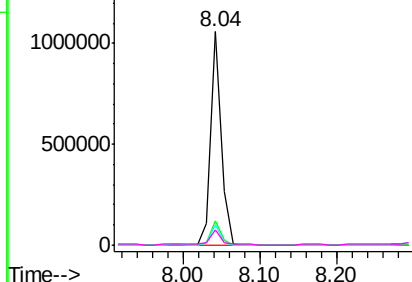
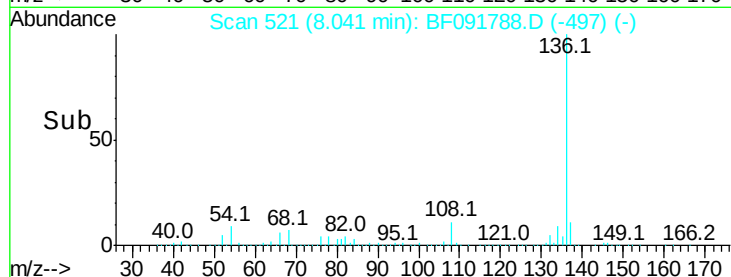
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091788.D
Acq: 19 Dec 2016 22:15

Instrument :
BNA_F
ClientSampleId :
MW-08

Tot Ion:	136	Resp:	997066
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.4	4.5	6.7#
68	7.5	3.6	5.4#

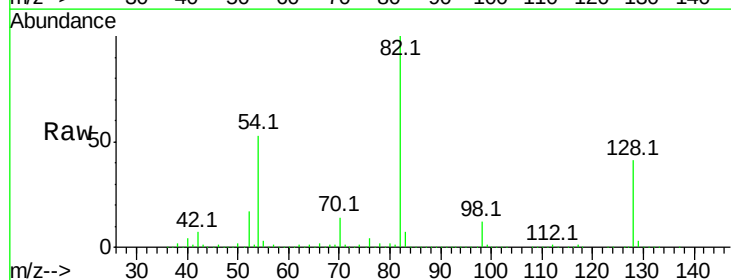


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

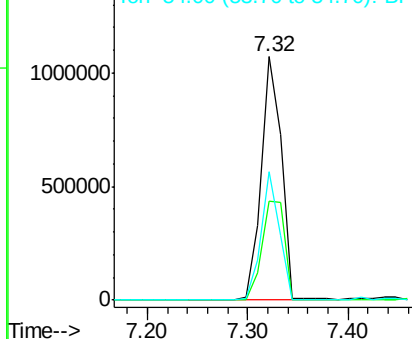
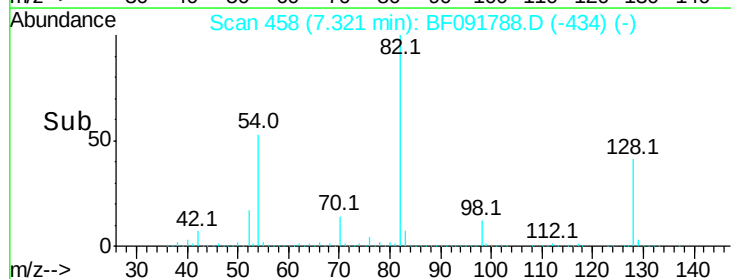


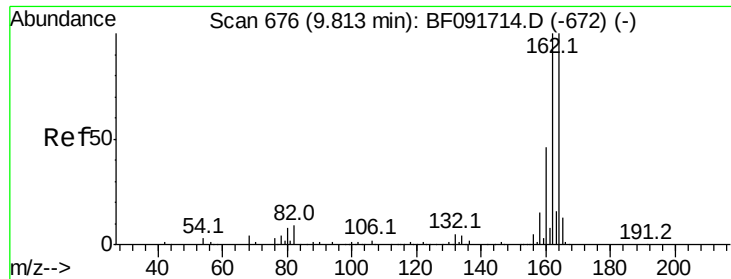
#23
Nitrobenzene-d5
Concen: 86.13 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091788.D
Acq: 19 Dec 2016 22:15

Tgt Ion:	82	Resp:	1489114
Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	52.0
54	52.6	39.5	59.3



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: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091788.D

Acq: 19 Dec 2016 22:15

Instrument :

BNA_F

ClientSampleId :

MW-08

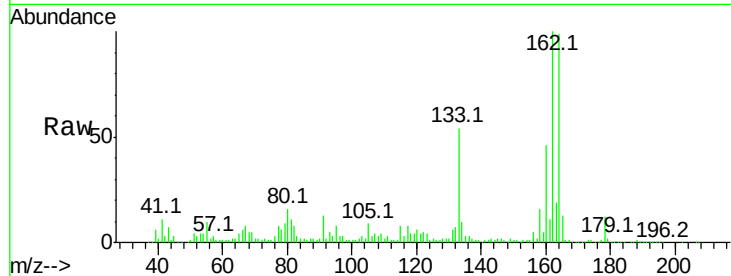
Tot Ion:164 Resp: 487421

Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

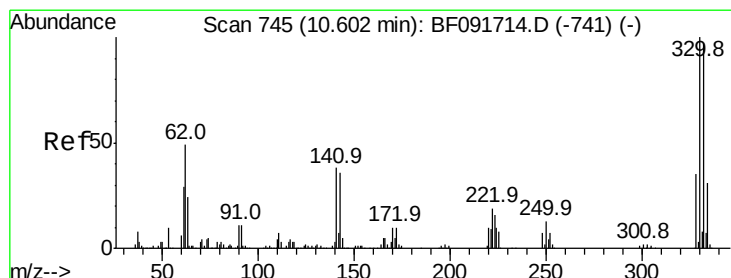
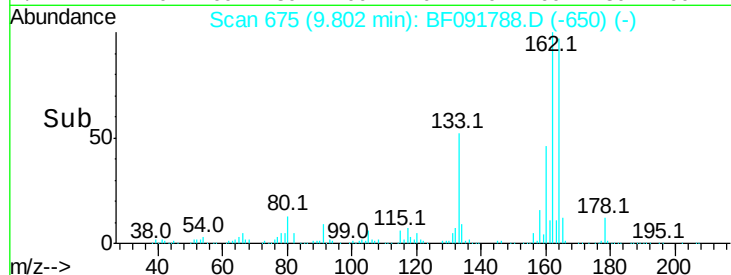
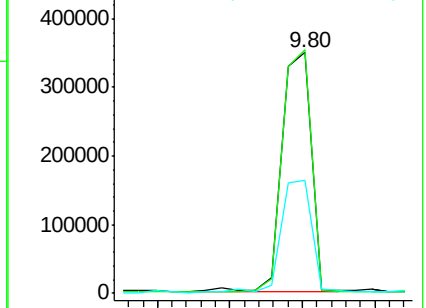
160 46.9 36.9 55.3



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: 118.66 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091788.D

Acq: 19 Dec 2016 22:15

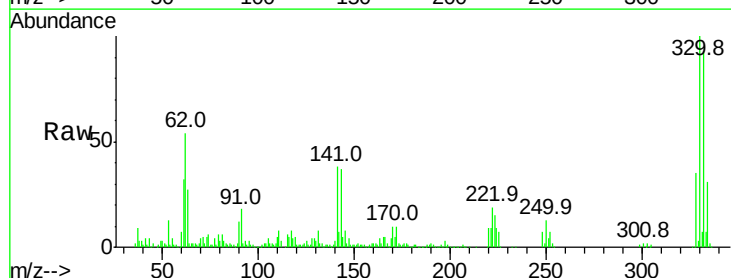
Tgt Ion:330 Resp: 490423

Ion Ratio Lower Upper

330 100

332 94.7 77.4 116.2

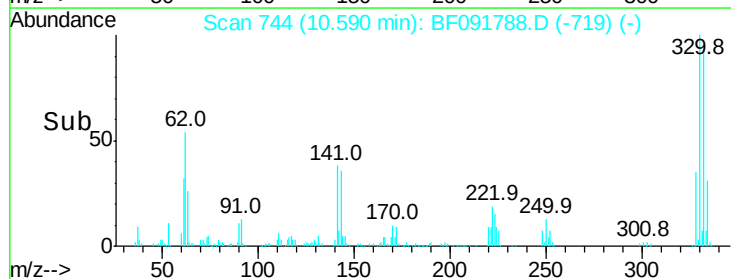
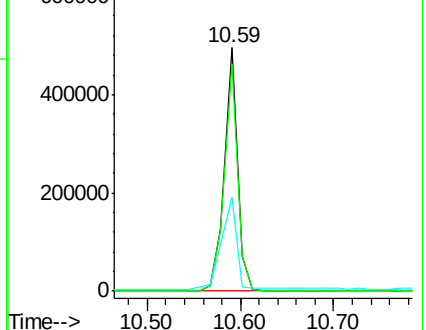
141 42.6 34.1 51.1

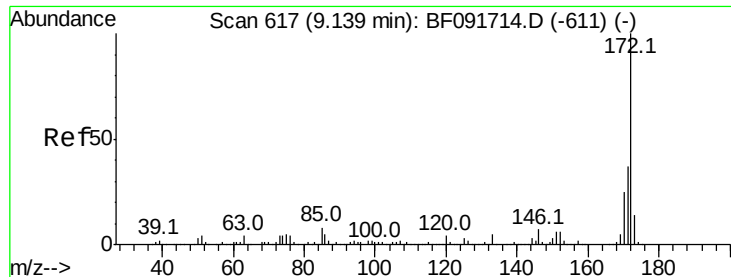


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 98.61 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF091788.D

Acq: 19 Dec 2016 22:15

Instrument :

BNA_F

ClientSampleId :

MW-08

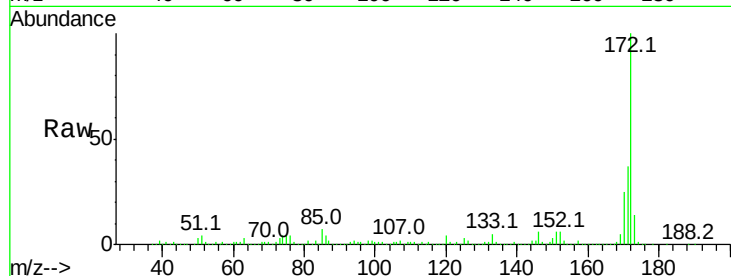
Tot Ion:172 Resp: 2392494

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

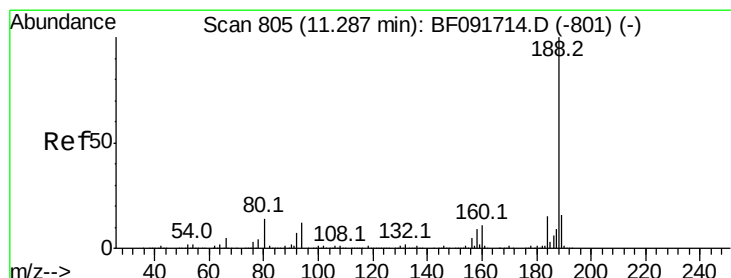
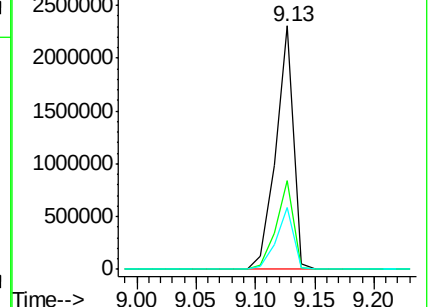
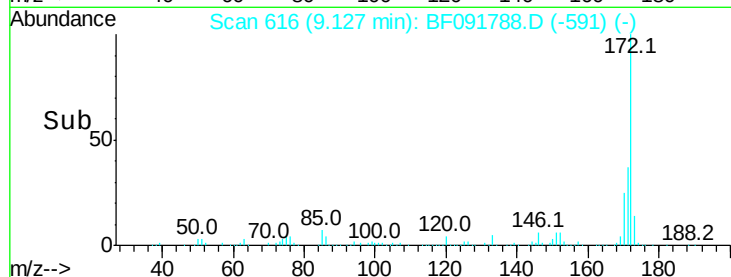
170 25.2 20.2 30.4



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: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF091788.D

Acq: 19 Dec 2016 22:15

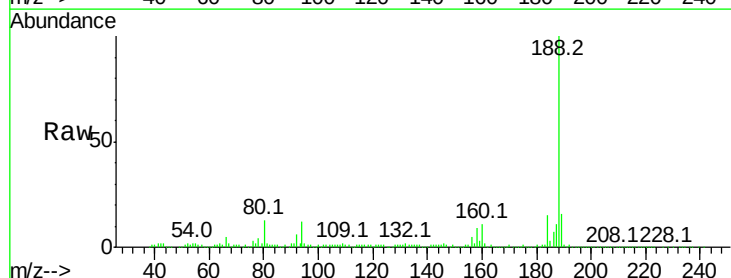
Tgt Ion:188 Resp: 748978

Ion Ratio Lower Upper

188 100

94 11.7 10.0 15.0

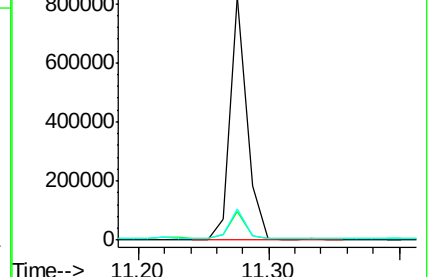
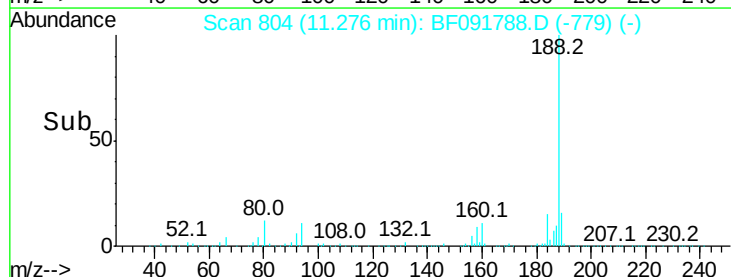
80 12.9 11.2 16.8

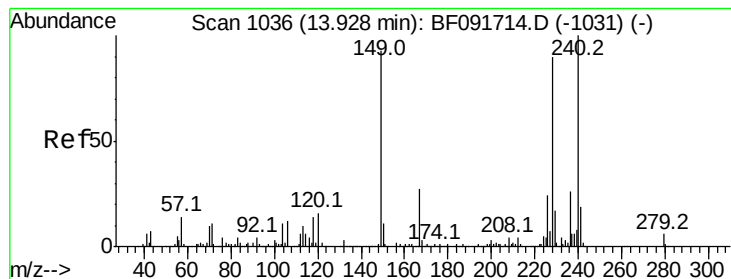


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.90 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF091788.D

Acq: 19 Dec 2016 22:15

Instrument :

BNA_F

ClientSampleId :

MW-08

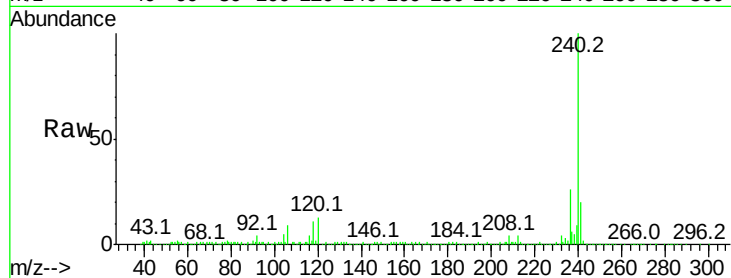
Tot Ion:240 Resp: 546823

Ion Ratio Lower Upper

240 100

120 13.2 12.9 19.3

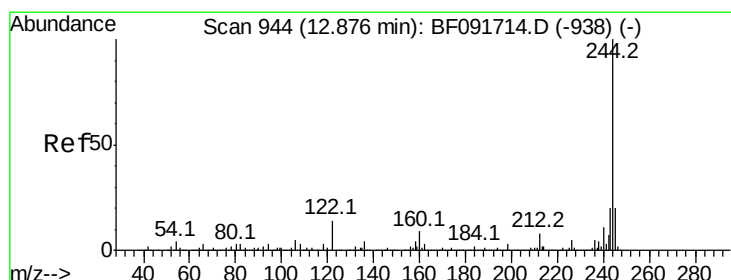
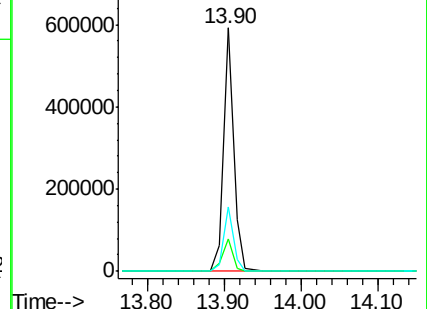
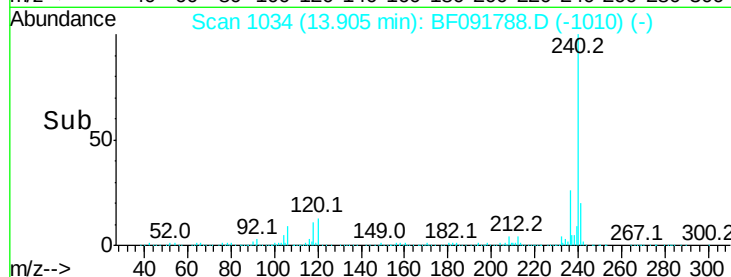
236 26.3 20.9 31.3



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: 77.61 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091788.D

Acq: 19 Dec 2016 22:15

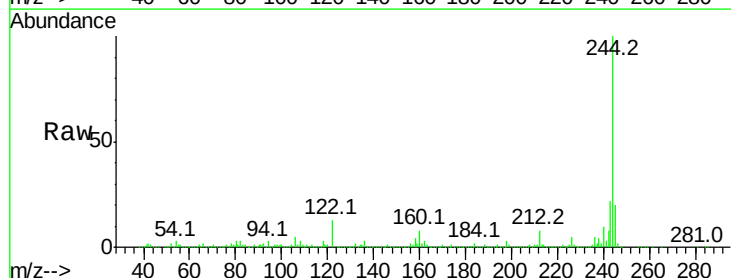
Tgt Ion:244 Resp: 1680821

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

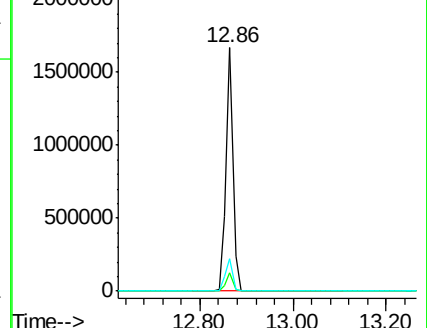
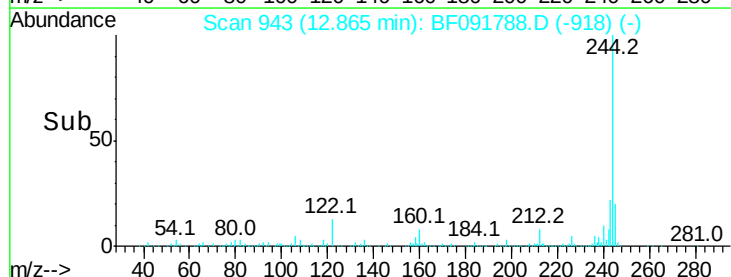
122 13.3 11.4 17.2

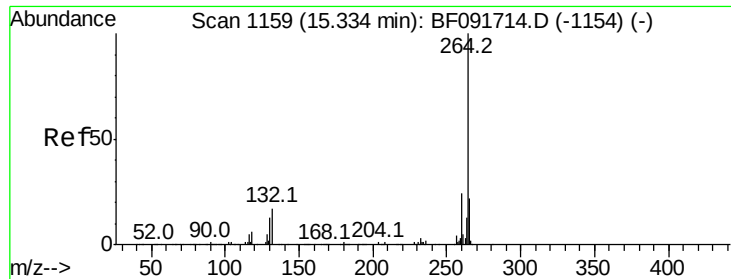


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

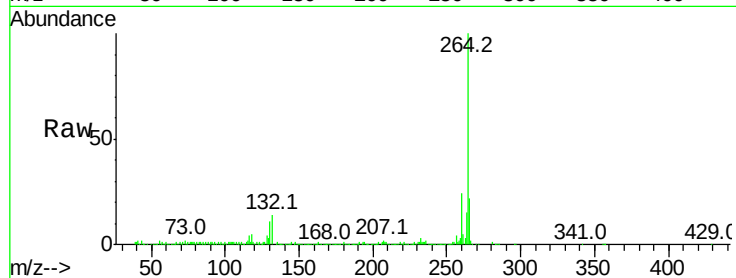




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF091788.D
 Acq: 19 Dec 2016 22:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.4	26.0



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

