

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092563.D
 Acq On : 27 Jan 2017 8:49
 Operator : SJ/MA
 Sample : I1353-01
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Time: Jan 27 10:37:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

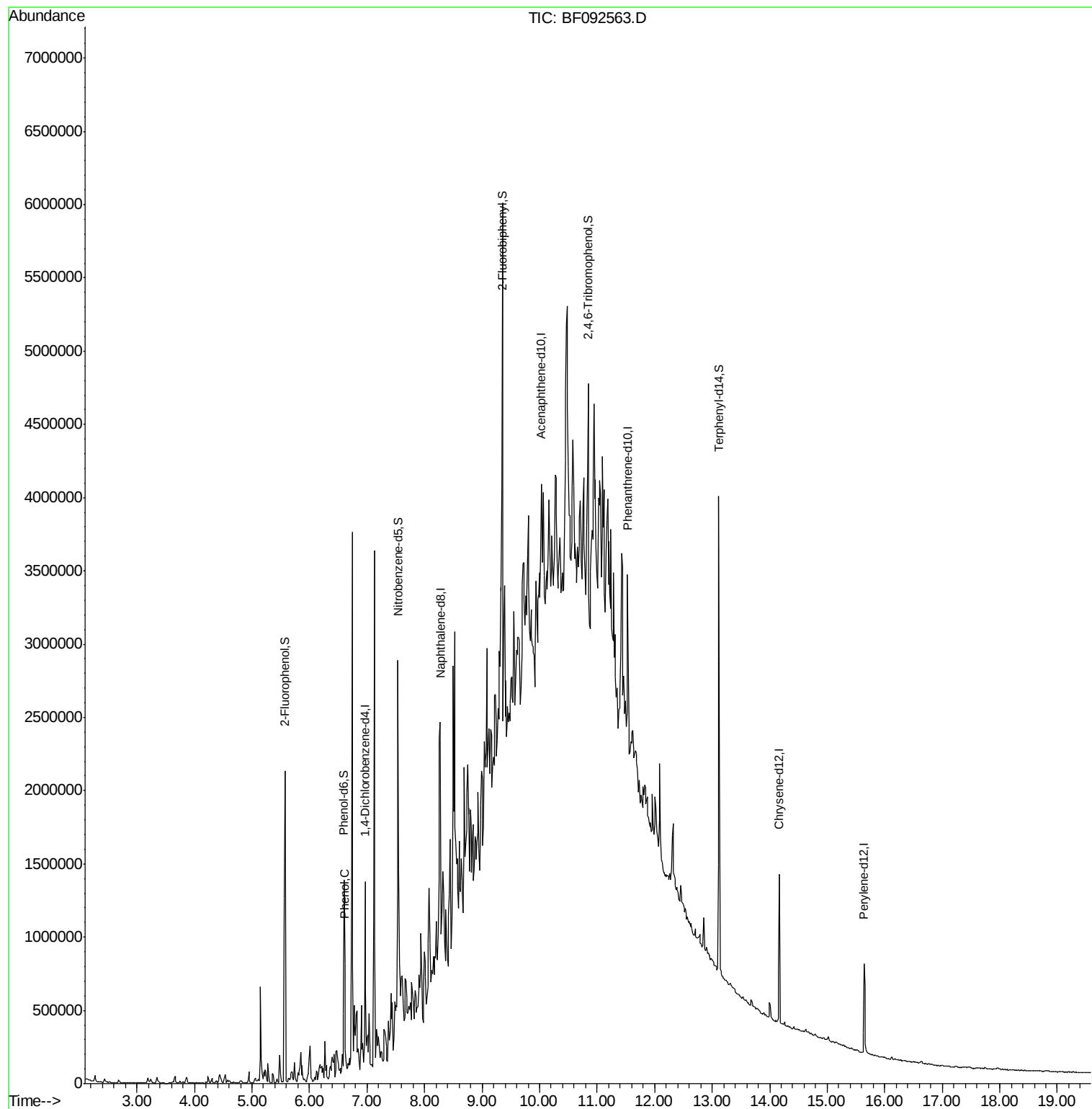
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	164730	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	613985	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	305193	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	470557	20.00	ng	0.00
75) Chrysene-d12	14.17	240	378721	20.00	ng	0.00
86) Perylene-d12	15.64	264	323072	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	666205	62.92	ng	0.02
7) Phenol-d6	6.60	99	503654	37.34	ng	0.01
23) Nitrobenzene-d5	7.54	82	993001	88.35	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	312692	150.35	ng	0.02
44) 2-Fluorobiphenyl	9.36	172	1577954	95.61	ng	0.00
78) Terphenyl-d14	13.12	244	1303902	91.68	ng	0.00
Target Compounds						
10) Phenol	6.61	94	54649	3.36	ng	Qvalue 96

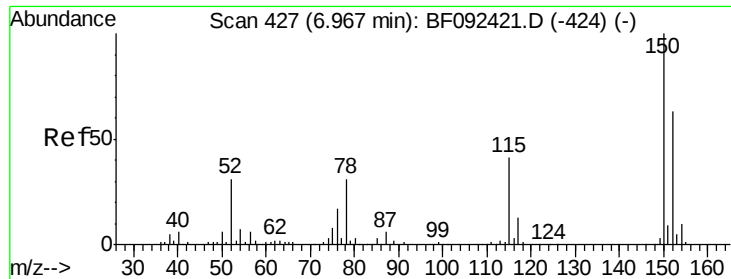
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 24 13:48:07 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092563.D

Acq: 27 Jan 2017 8:49

Instrument :

BNA_F

ClientSampleId :

MW-03

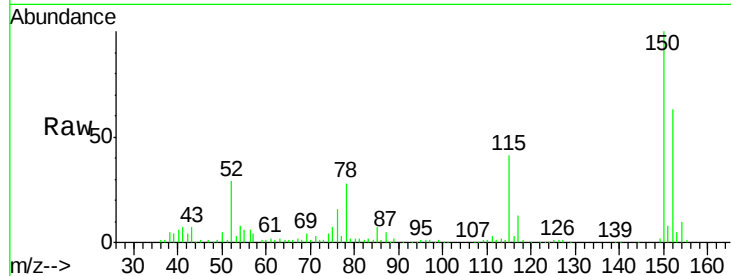
Tot Ion:152 Resp: 164730

Ion Ratio Lower Upper

152 100

150 159.9 124.9 187.3

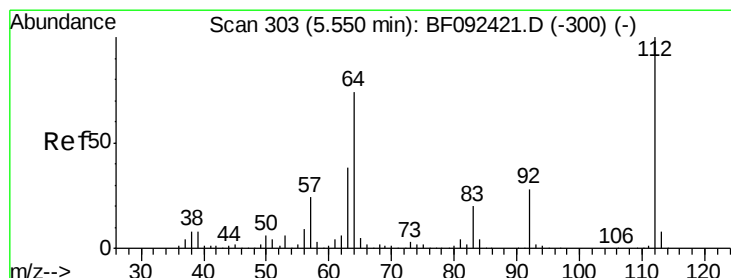
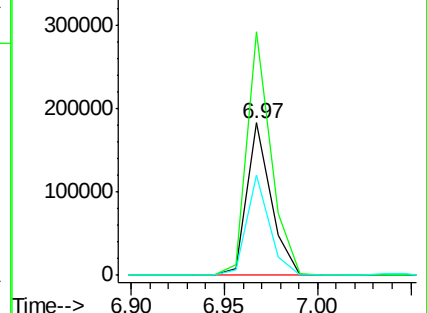
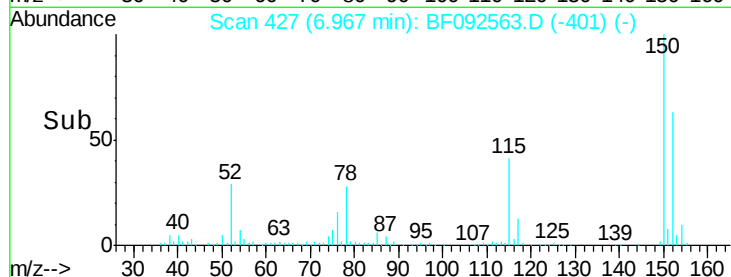
115 65.7 46.0 69.0



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: 62.92 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092563.D

Acq: 27 Jan 2017 8:49

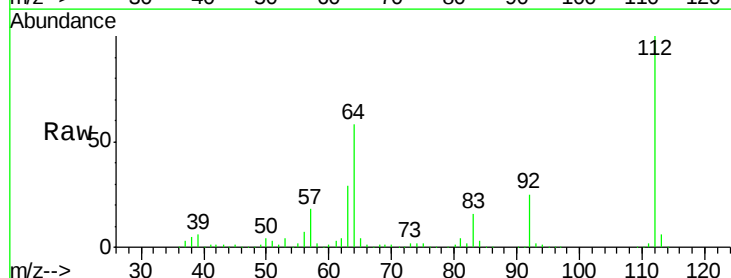
Tgt Ion:112 Resp: 666205

Ion Ratio Lower Upper

112 100

64 58.0 46.1 69.1

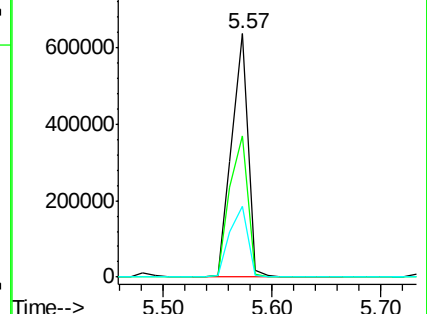
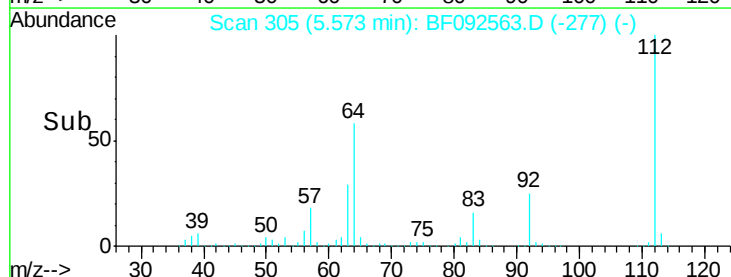
63 29.2 23.8 35.6

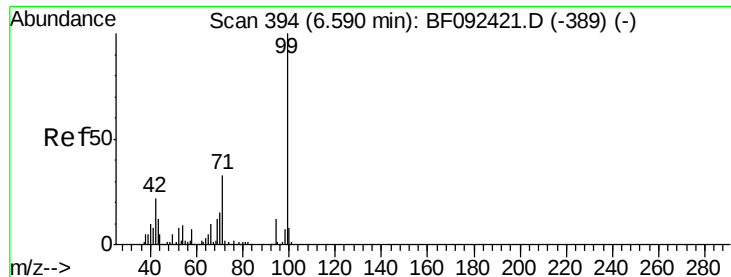


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.34 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092563.D

Acq: 27 Jan 2017 8:49

Instrument :

BNA_F

ClientSampled :

MW-03

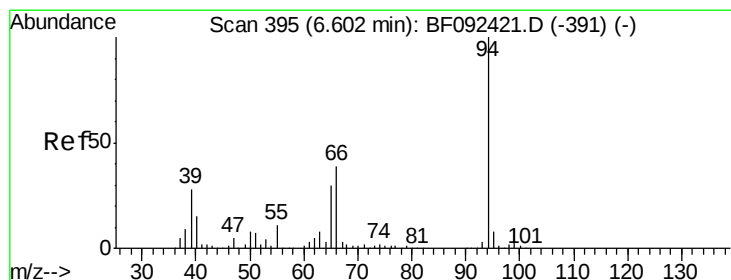
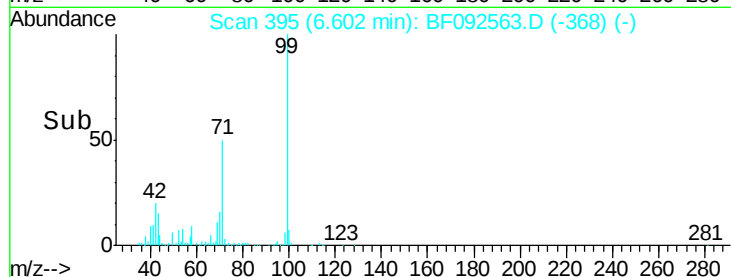
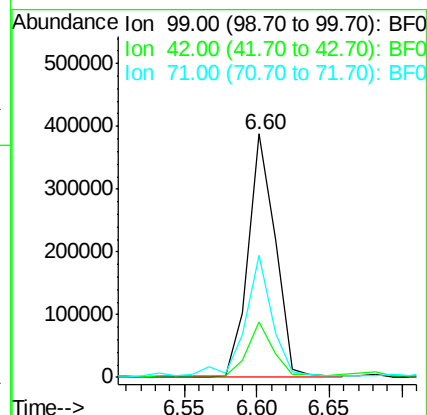
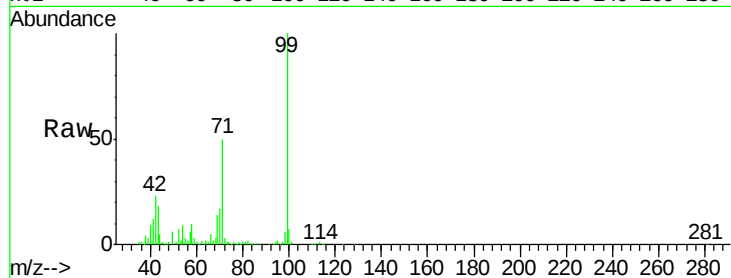
Tot Ion: 99 Resp: 503654

Ion Ratio Lower Upper

99 100

42 22.8 15.6 23.4

71 50.1 27.5 41.3#



#10

Phenol

Concen: 3.36 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092563.D

Acq: 27 Jan 2017 8:49

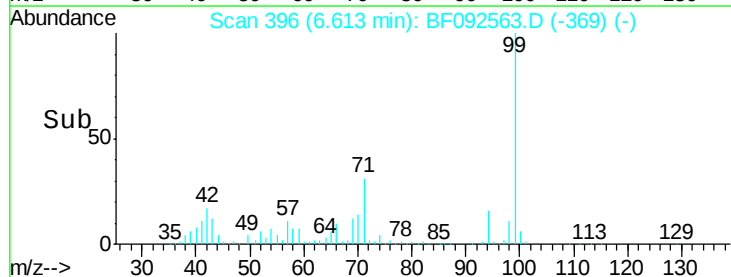
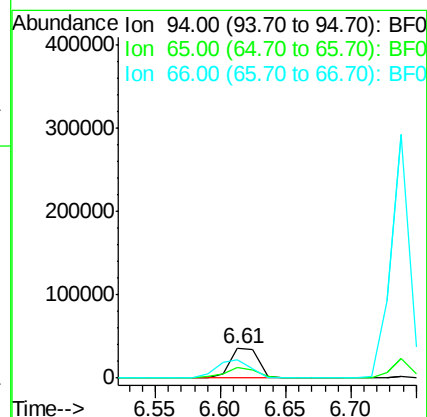
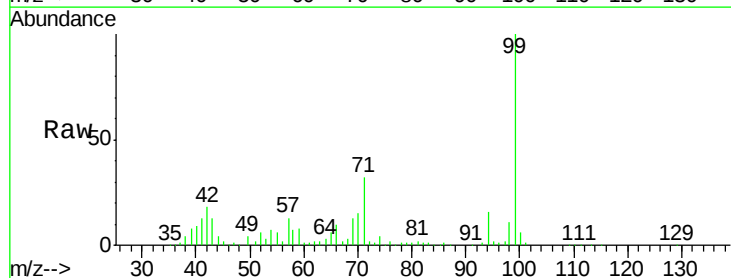
Tgt Ion: 94 Resp: 54649

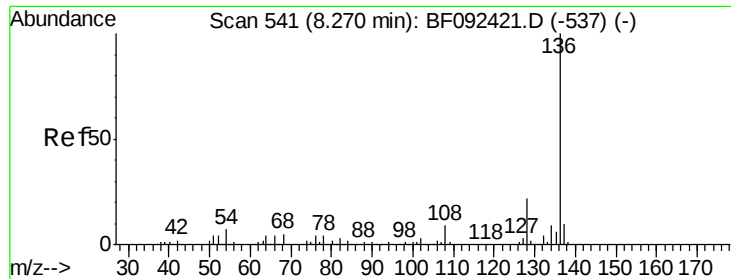
Ion Ratio Lower Upper

94 100

65 37.8 21.4 61.4

66 61.5 44.0 84.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF092563.D

Acq: 27 Jan 2017 8:49

Instrument :

BNA_F

ClientSampleId :

MW-03

Tot Ion:136 Resp: 613985

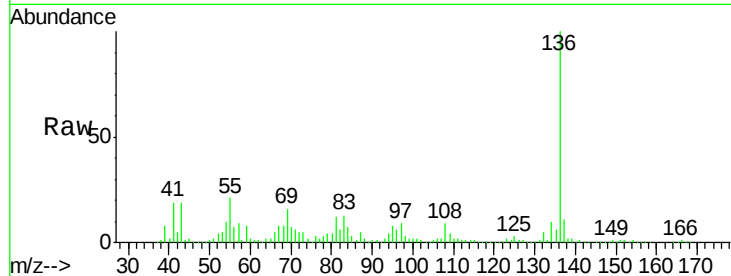
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.9 4.5 6.7#

68 8.4 3.6 5.4#

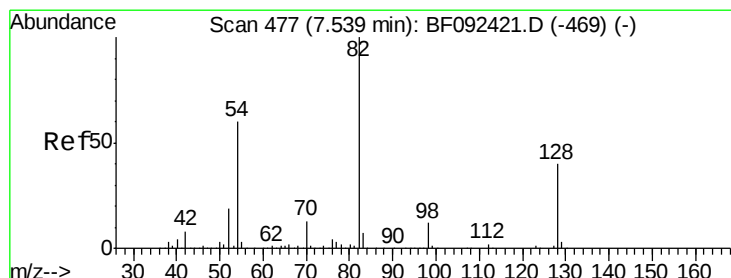
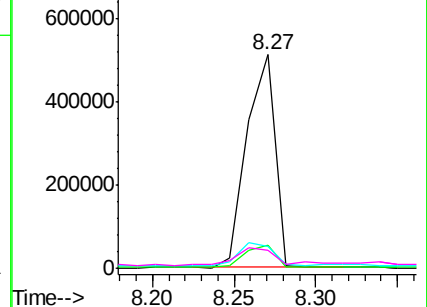
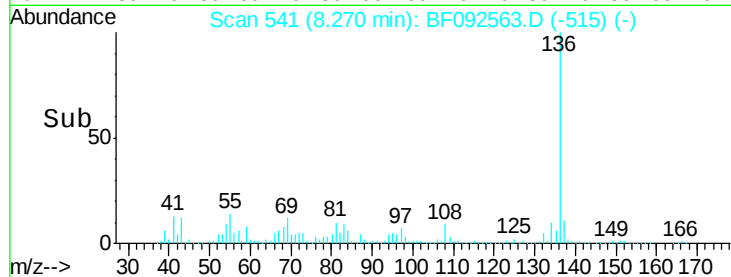


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.35 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF092563.D

Acq: 27 Jan 2017 8:49

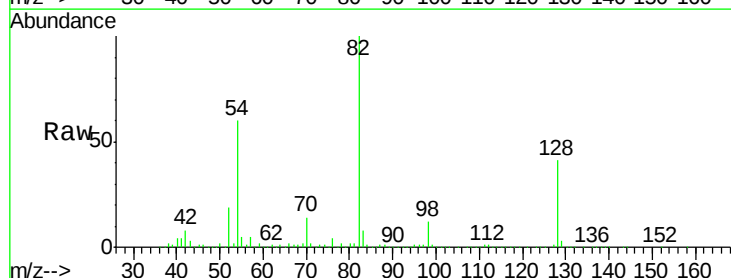
Tgt Ion: 82 Resp: 993001

Ion Ratio Lower Upper

82 100

128 40.7 34.6 52.0

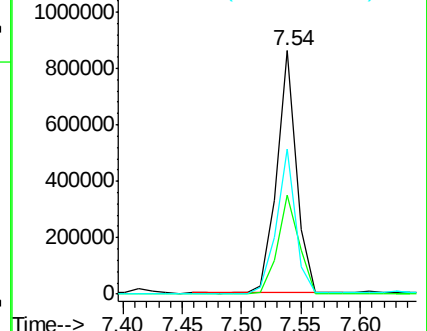
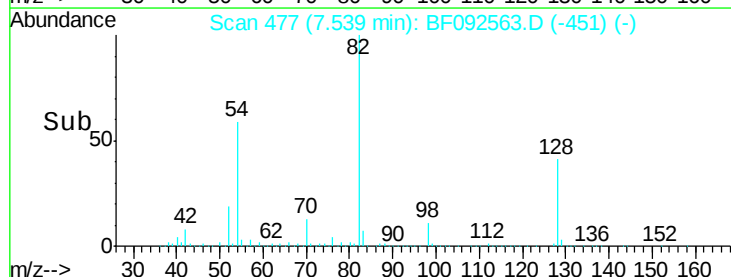
54 59.5 39.5 59.3#

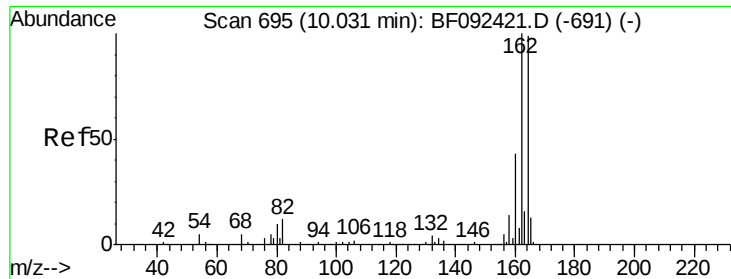


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

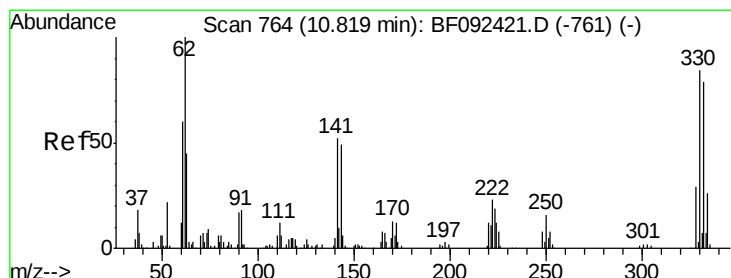
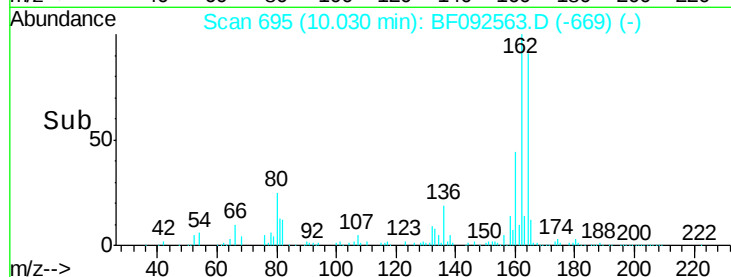
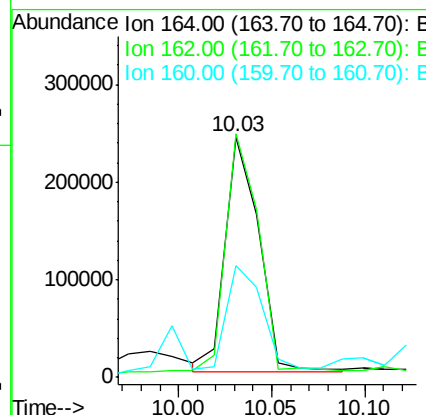
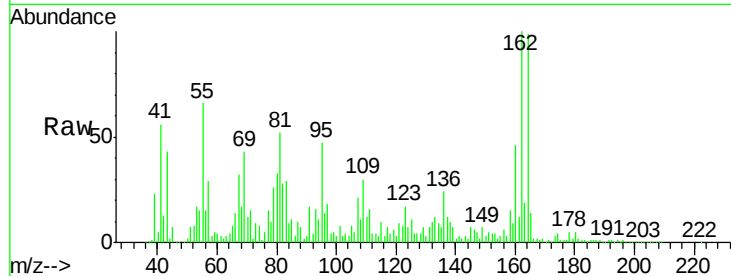




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092563.D
Acq: 27 Jan 2017 8:49

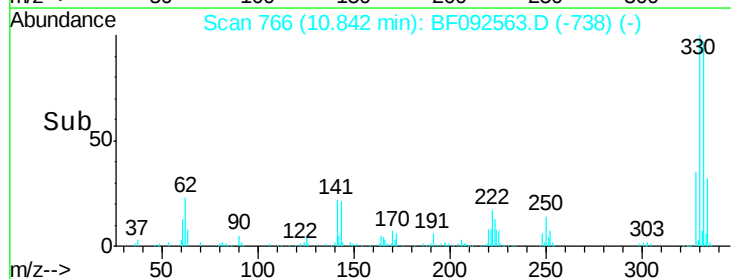
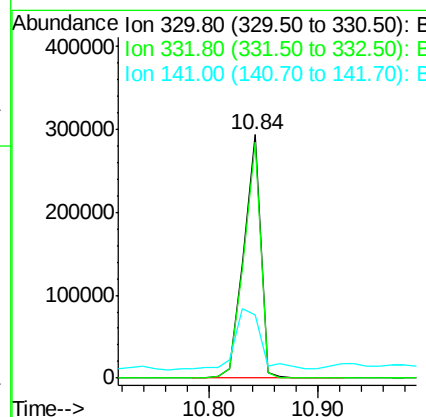
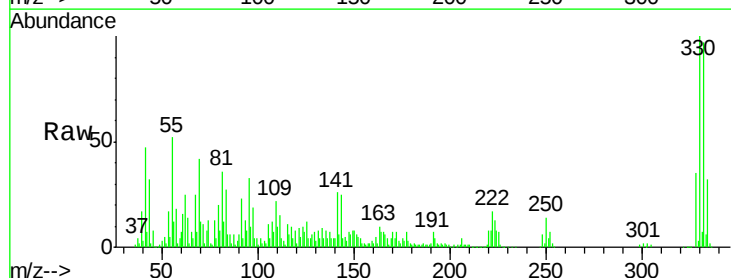
Instrument :
BNA_F
ClientSampleId :
MW-03

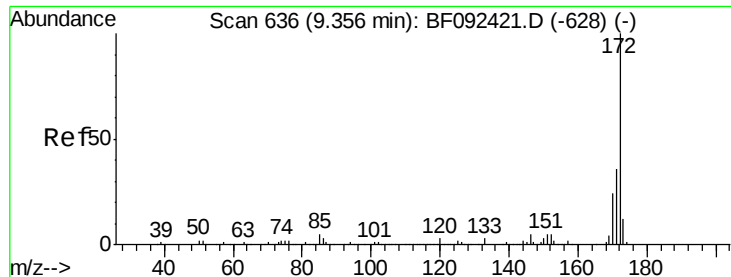
Tot Ion:164 Resp: 305193
Ion Ratio Lower Upper
164 100
162 101.3 80.2 120.2
160 46.5 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 150.35 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.02 min
Lab File: BF092563.D
Acq: 27 Jan 2017 8:49

Tgt Ion:330 Resp: 312692
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.2
141 38.5 34.1 51.1





#44

2-Fluorobiphenyl

Concen: 95.61 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF092563.D

Acq: 27 Jan 2017 8:49

Instrument :

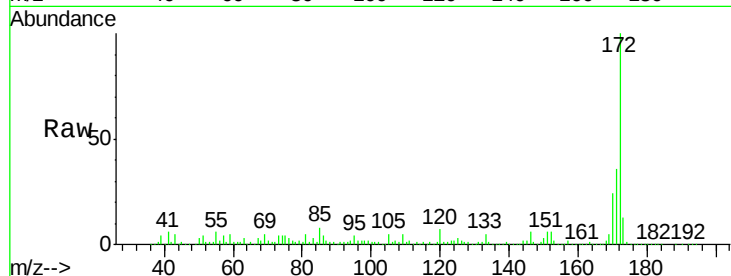
BNA_F

ClientSampleId :

MW-03

Tot Ion:172 Resp: 1577954

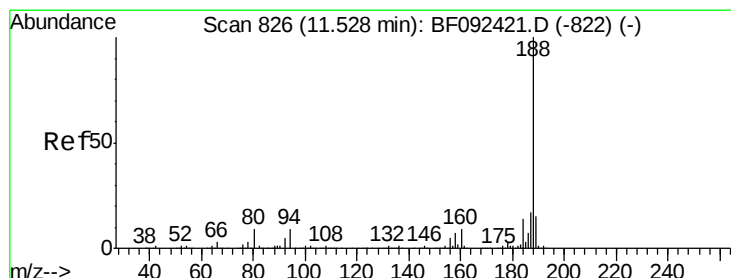
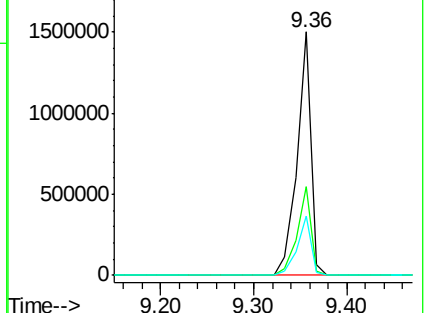
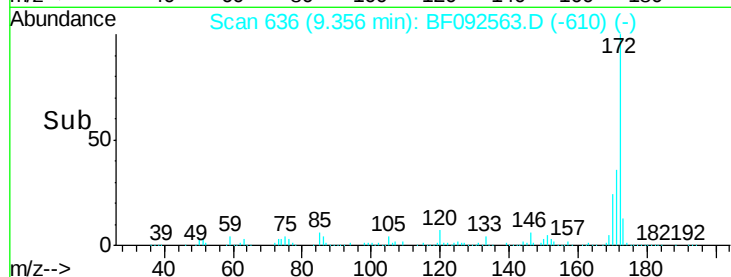
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.2	20.2	30.4



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: 11.53 min Scan# 826

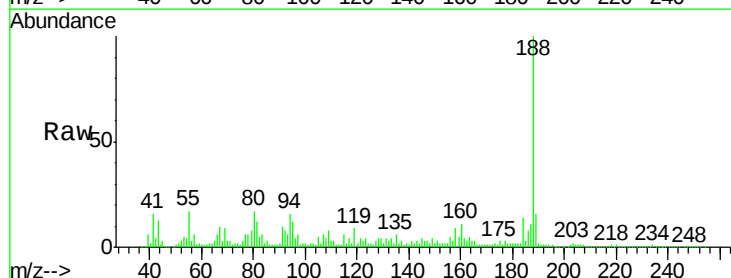
Delta R.T. -0.00 min

Lab File: BF092563.D

Acq: 27 Jan 2017 8:49

Tgt Ion:188 Resp: 470557

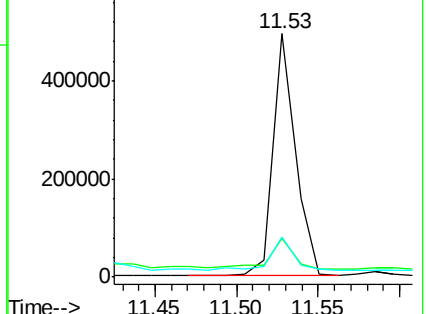
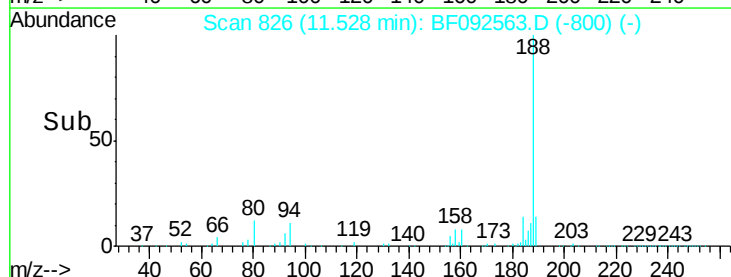
Ion	Ratio	Lower	Upper
188	100		
94	15.8	10.0	15.0#
80	16.6	11.2	16.8

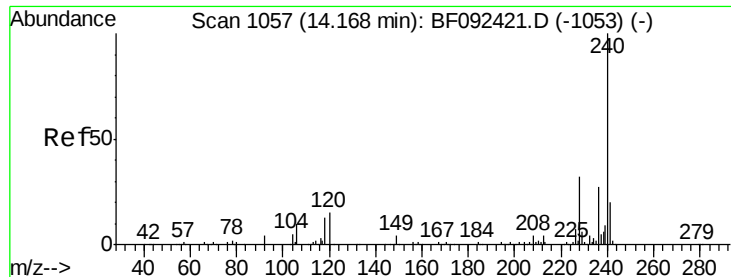


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.17 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF092563.D

Acq: 27 Jan 2017 8:49

Instrument :

BNA_F

ClientSampled :

MW-03

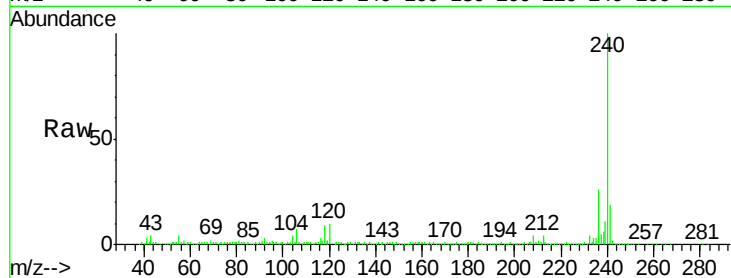
Tot Ion:240 Resp: 378721

Ion Ratio Lower Upper

240 100

120 10.4 12.9 19.3#

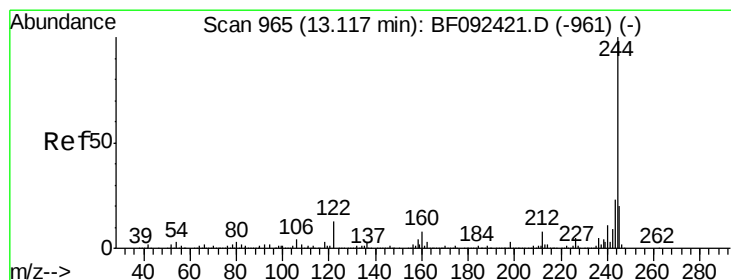
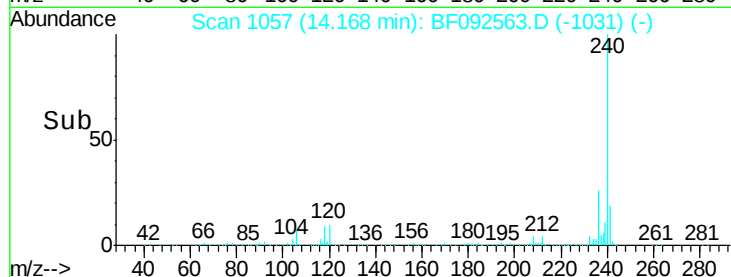
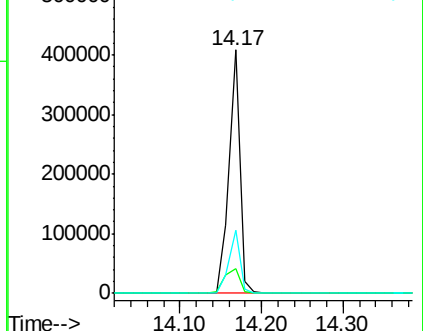
236 25.7 20.9 31.3



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: 91.68 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF092563.D

Acq: 27 Jan 2017 8:49

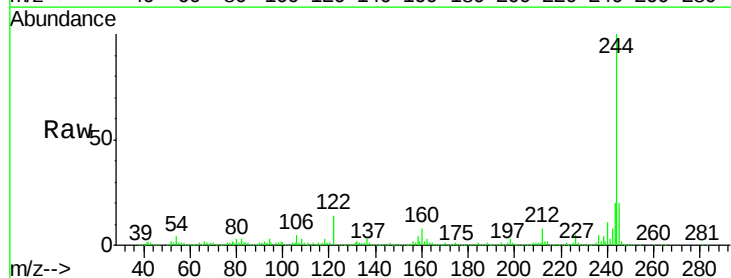
Tgt Ion:244 Resp: 1303902

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

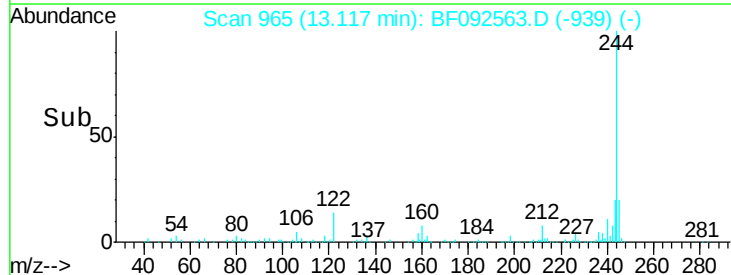
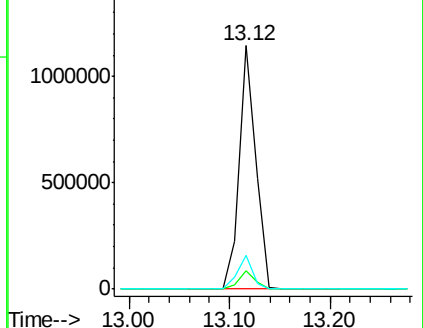
122 14.1 11.4 17.2

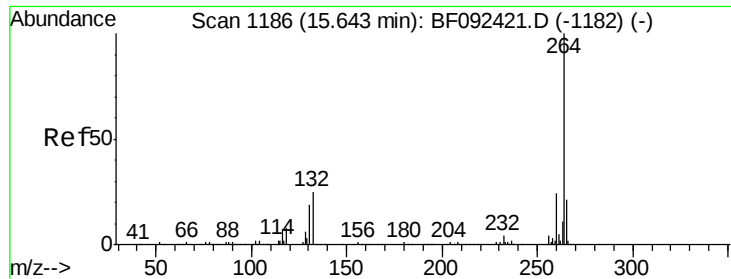


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.64 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF092563.D
Acq: 27 Jan 2017 8:49

Instrument :
BNA_F
ClientSampleId :
MW-03

Tot Ion: 264 Resp: 323072

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.4	26.0

