

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091763.D
 Acq On : 19 Dec 2016 4:25
 Operator : UM/SJ
 Sample : H6011-01
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Dec 19 06:13:13 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

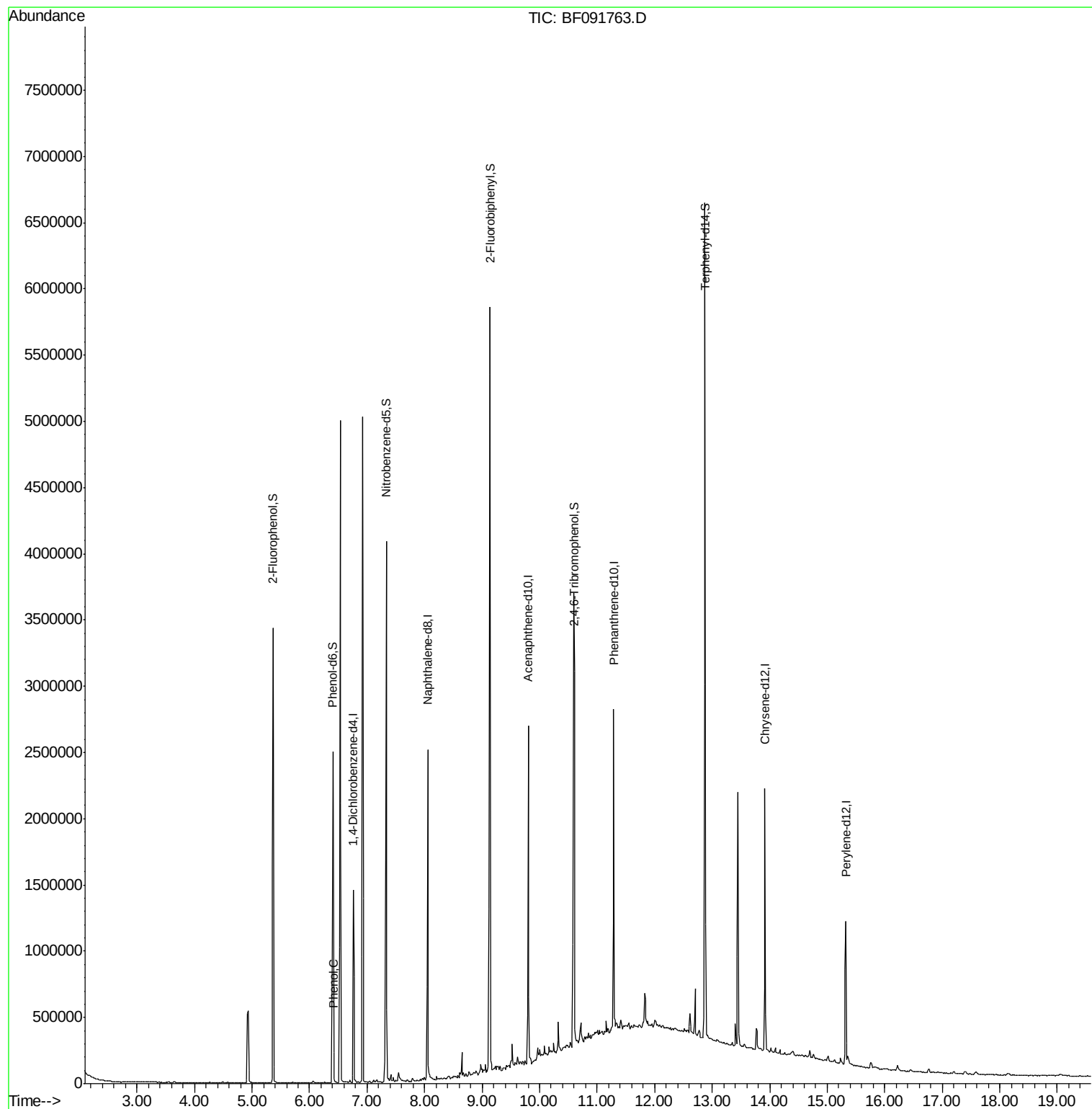
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	265655	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1149353	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	552053	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	928374	20.00	ng	0.00
75) Chrysene-d12	13.92	240	674851	20.00	ng	-0.01
86) Perylene-d12	15.32	264	533471	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1040765	65.64	ng	0.00
7) Phenol-d6	6.41	99	877857	45.40	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1565718	78.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	669626	143.05	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	2927352	106.53	ng	0.00
78) Terphenyl-d14	12.88	244	2246292	84.04	ng	0.00
Target Compounds						
10) Phenol	6.42	94	50001	2.29	ng	Qvalue # 67

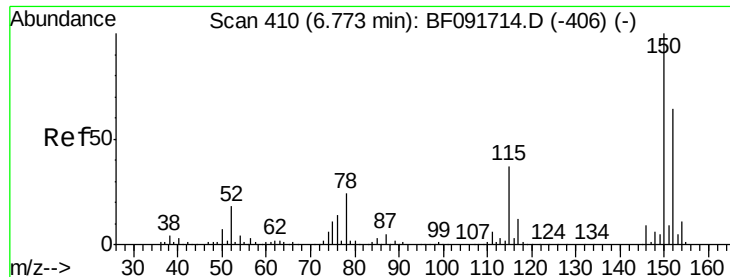
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091763.D

Acq: 19 Dec 2016 4:25

Instrument :

BNA_F

ClientSampleId :

MW-12

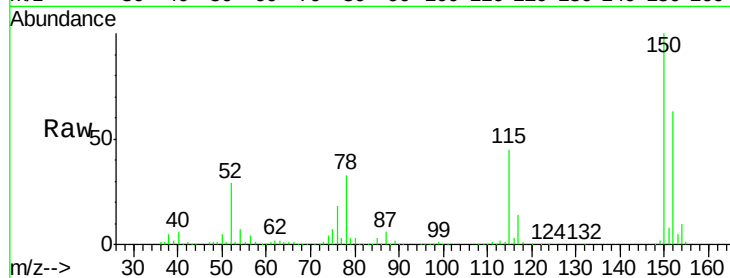
Tot Ion:152 Resp: 265655

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

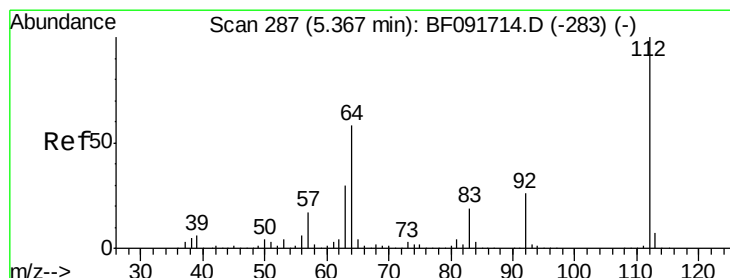
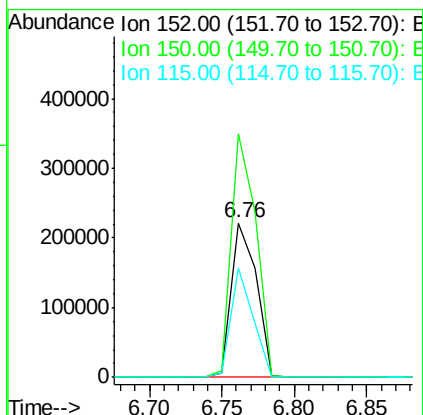
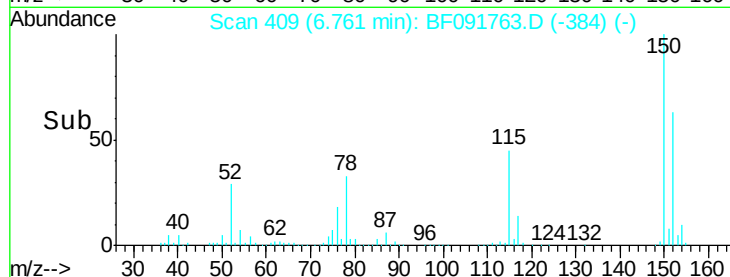
115 70.8 46.0 69.0#



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: 65.64 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091763.D

Acq: 19 Dec 2016 4:25

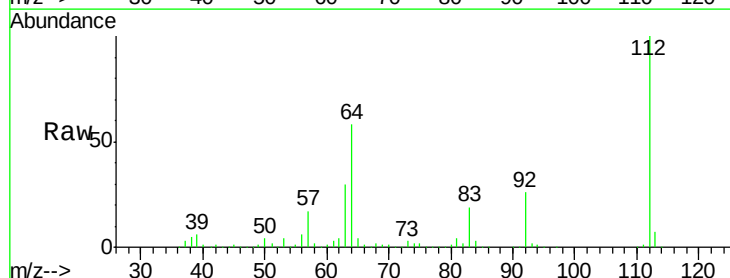
Tgt Ion:112 Resp: 1040765

Ion Ratio Lower Upper

112 100

64 57.9 46.1 69.1

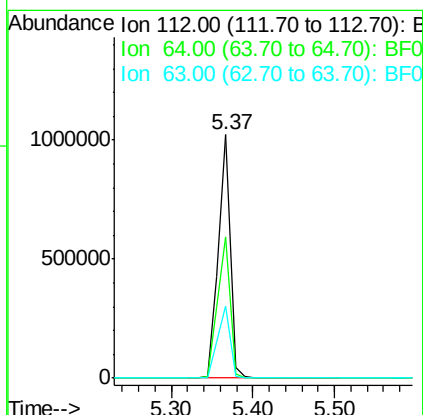
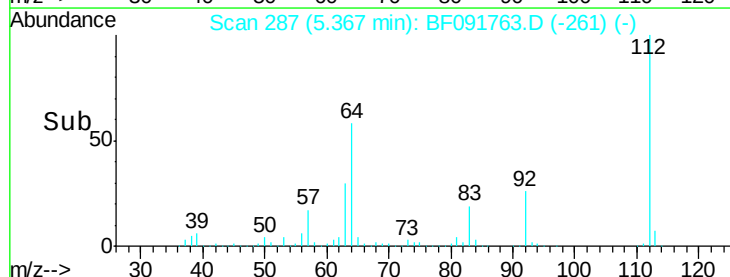
63 29.7 23.8 35.6

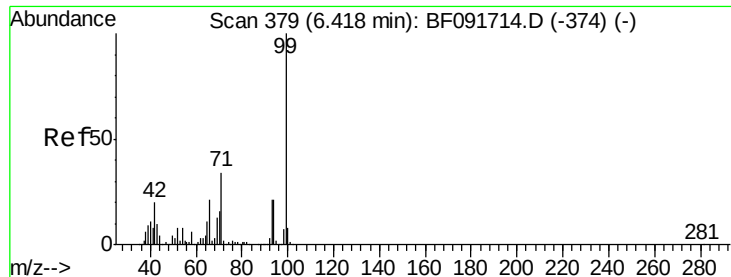


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.40 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091763.D

Acq: 19 Dec 2016 4:25

Instrument :

BNA_F

ClientSampleId :

MW-12

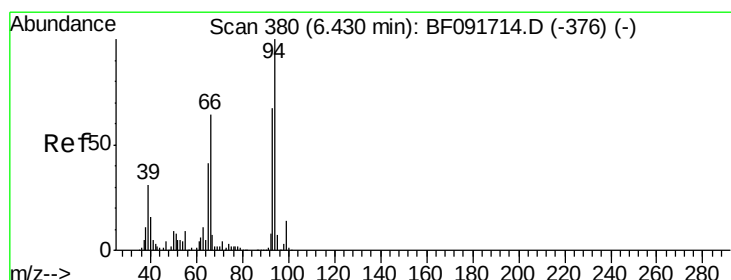
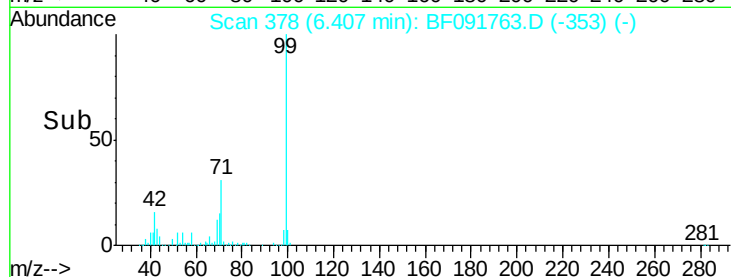
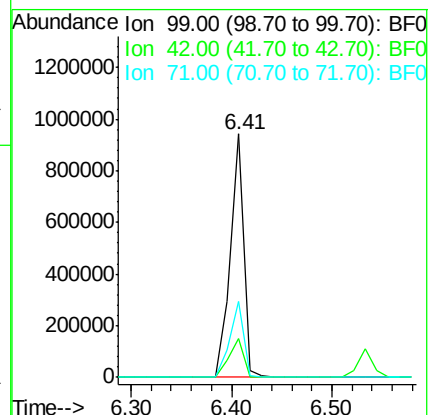
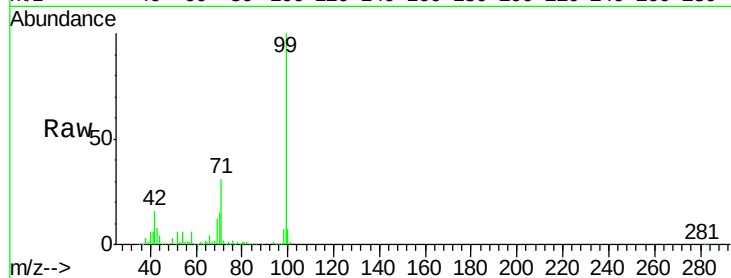
Tot Ion: 99 Resp: 877857

Ion Ratio Lower Upper

99 100

42 16.1 15.6 23.4

71 31.3 27.5 41.3



#10

Phenol

Concen: 2.29 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091763.D

Acq: 19 Dec 2016 4:25

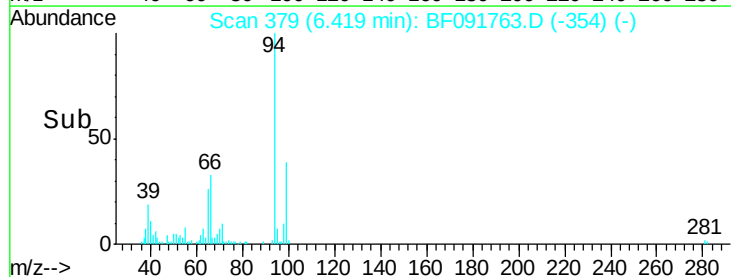
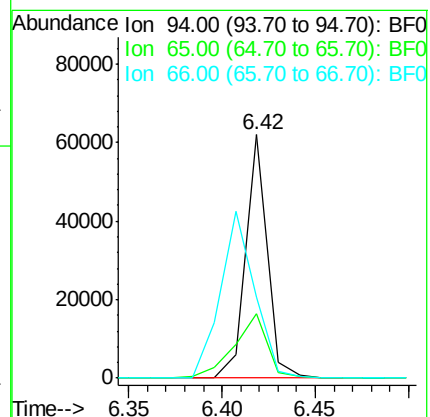
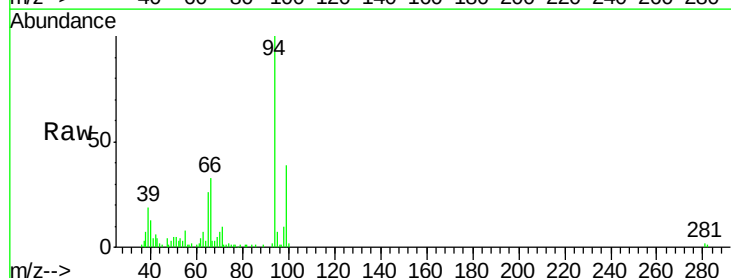
Tgt Ion: 94 Resp: 50001

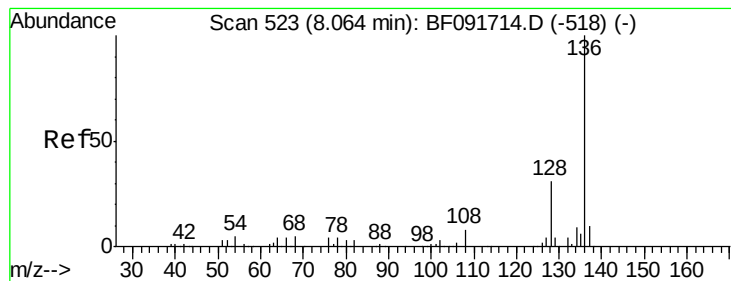
Ion Ratio Lower Upper

94 100

65 26.3 21.4 61.4

66 33.3 44.0 84.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091763.D

Acq: 19 Dec 2016 4:25

Instrument :

BNA_F

ClientSampleId :

MW-12

Tot Ion:136 Resp: 1149353

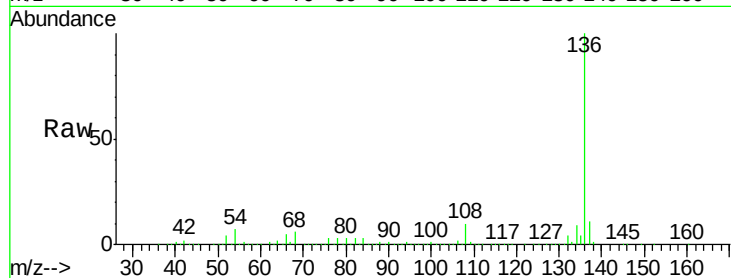
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 7.3 4.5 6.7#

68 6.1 3.6 5.4#

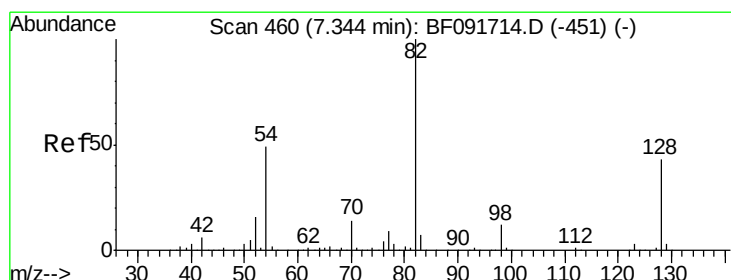
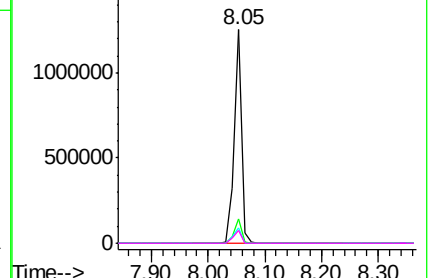
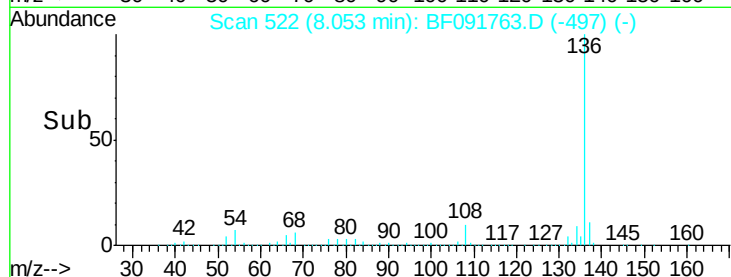


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.56 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091763.D

Acq: 19 Dec 2016 4:25

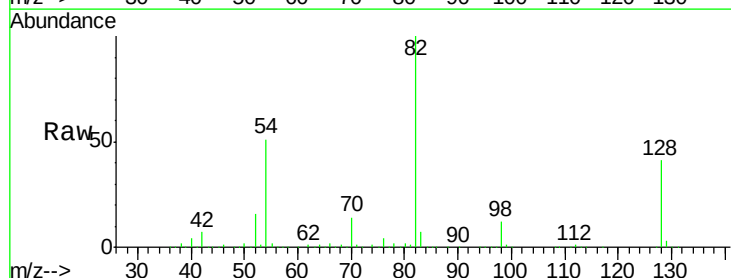
Tgt Ion: 82 Resp: 1565718

Ion Ratio Lower Upper

82 100

128 41.4 34.6 52.0

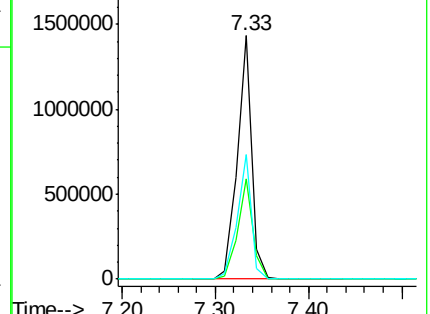
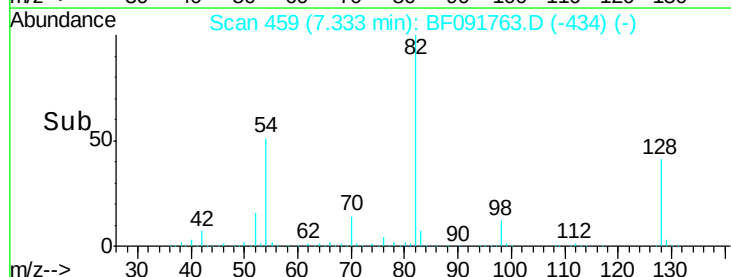
54 51.2 39.5 59.3

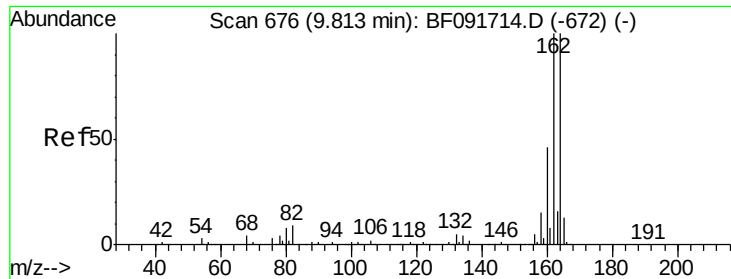


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF091763.D

Acq: 19 Dec 2016 4:25

Instrument :

BNA_F

ClientSampleId :

MW-12

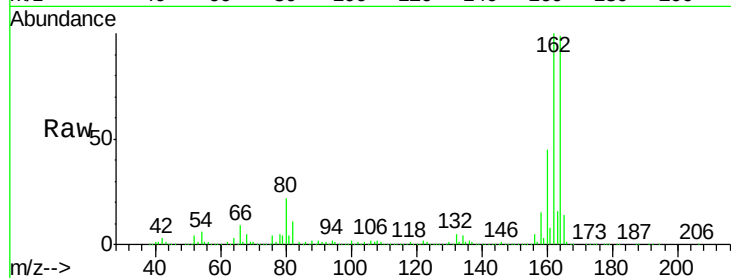
Tot Ion:164 Resp: 552053

Ion Ratio Lower Upper

164 100

162 101.1 80.2 120.2

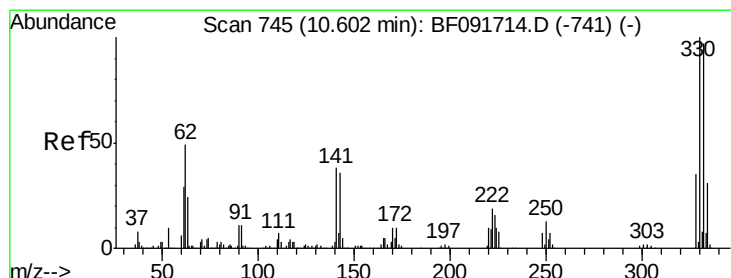
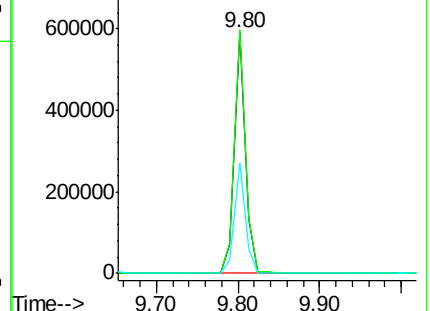
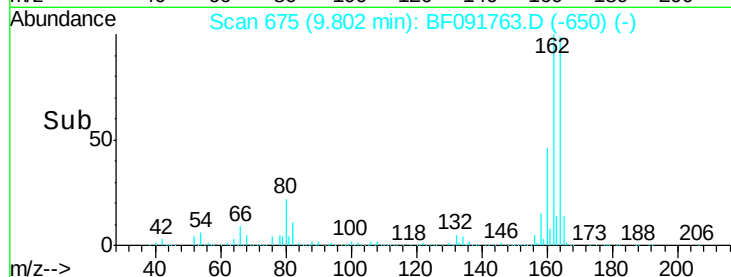
160 46.0 36.9 55.3



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: 143.05 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF091763.D

Acq: 19 Dec 2016 4:25

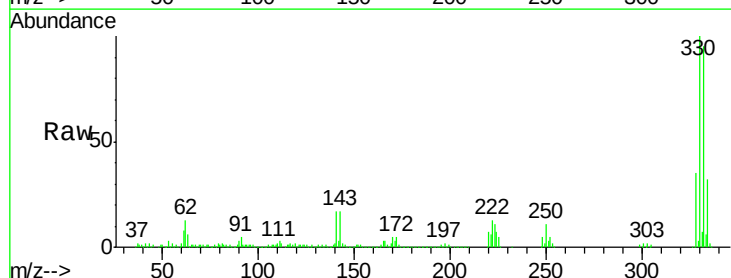
Tgt Ion:330 Resp: 669626

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

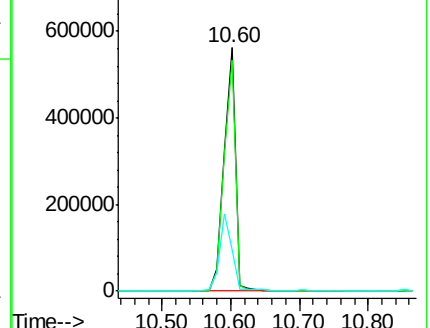
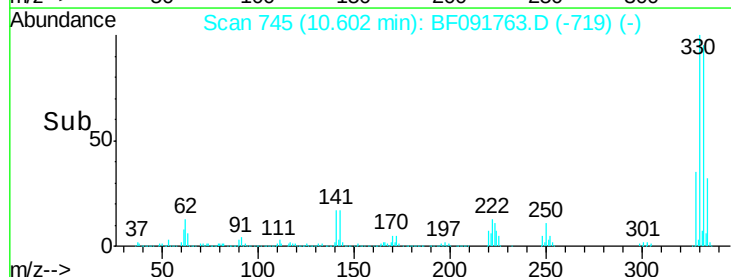
141 33.5 34.1 51.1#

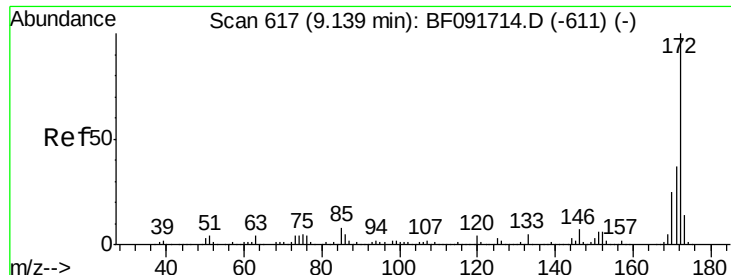


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



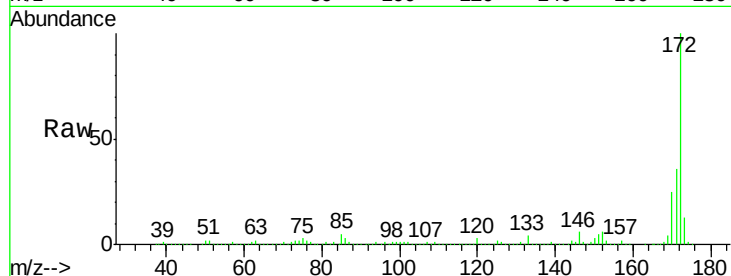


#44
2-Fluorobiphenyl
Concen: 106.53 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF091763.D
Acq: 19 Dec 2016 4:25

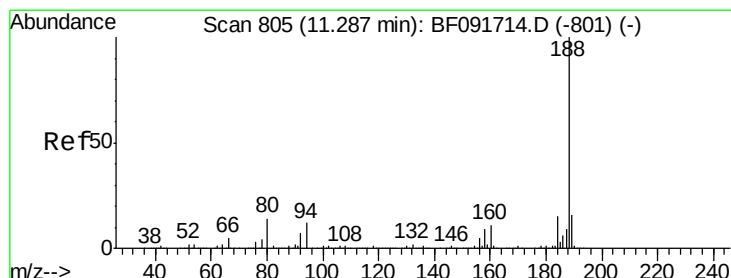
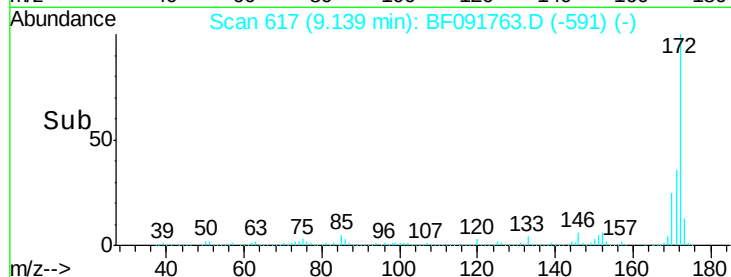
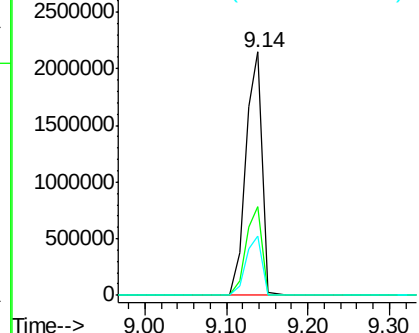
Instrument :
BNA_F
ClientSampleId :
MW-12

Tot Ion:172 Resp: 2927352

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.5	20.2	30.4



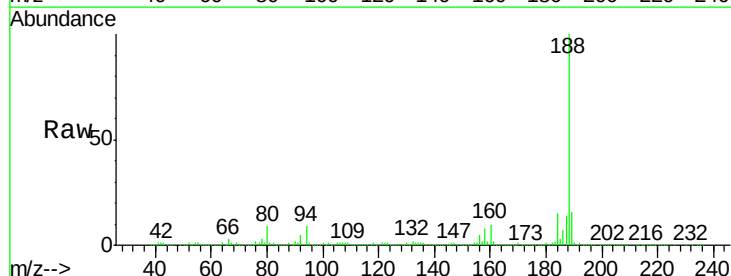
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



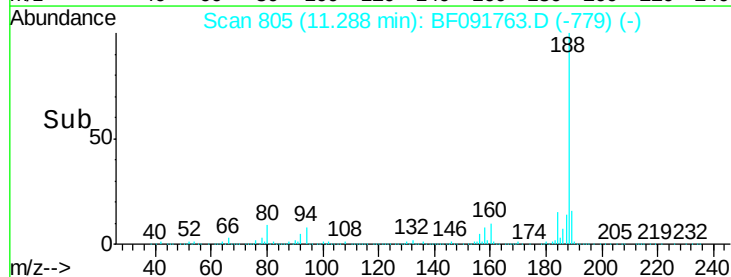
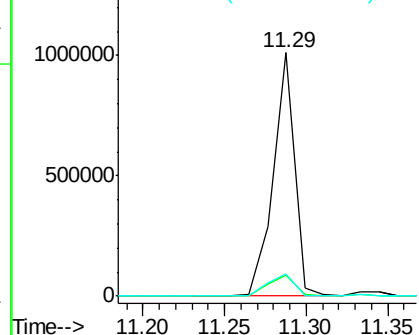
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091763.D
Acq: 19 Dec 2016 4:25

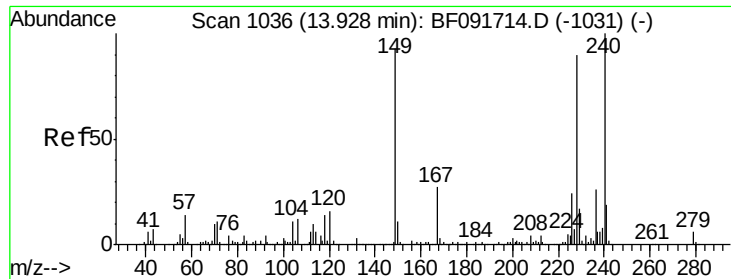
Tgt Ion:188 Resp: 928374

Ion	Ratio	Lower	Upper
188	100		
94	8.6	10.0	15.0#
80	9.1	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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091763.D

Acq: 19 Dec 2016 4:25

Instrument :

BNA_F

ClientSampleId :

MW-12

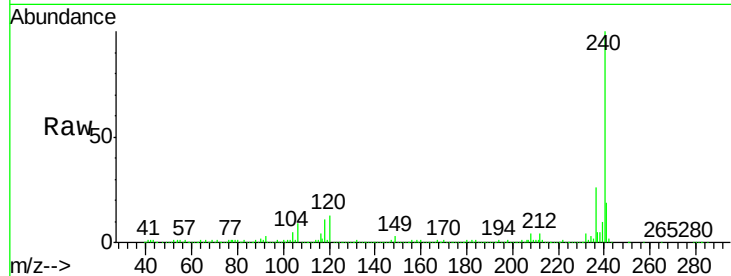
Tot Ion:240 Resp: 674851

Ion Ratio Lower Upper

240 100

120 12.5 12.9 19.3#

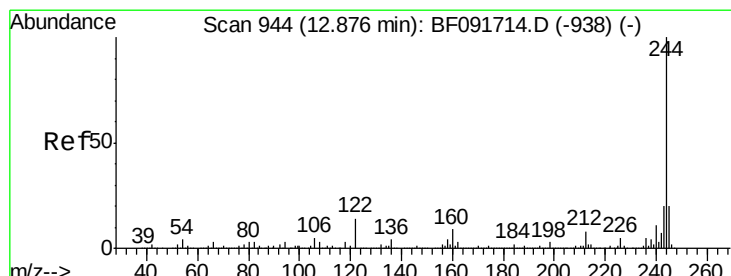
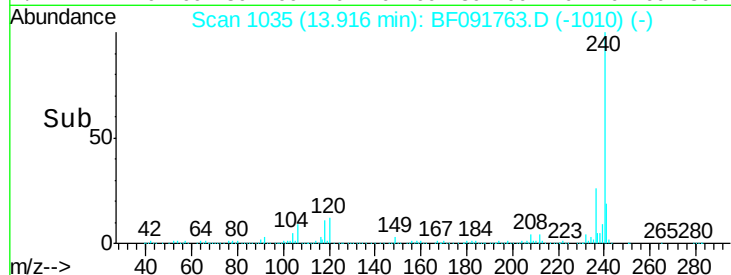
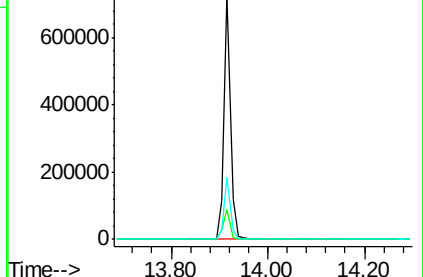
236 25.5 20.9 31.3



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: 84.04 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF091763.D

Acq: 19 Dec 2016 4:25

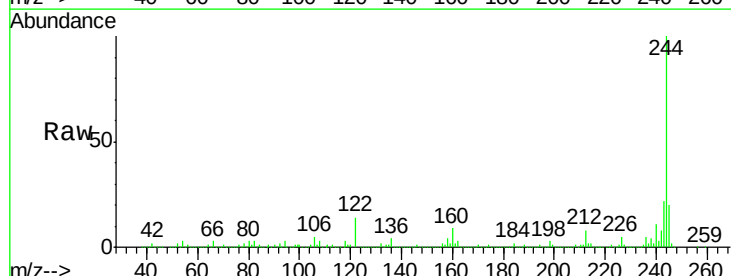
Tgt Ion:244 Resp: 2246292

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

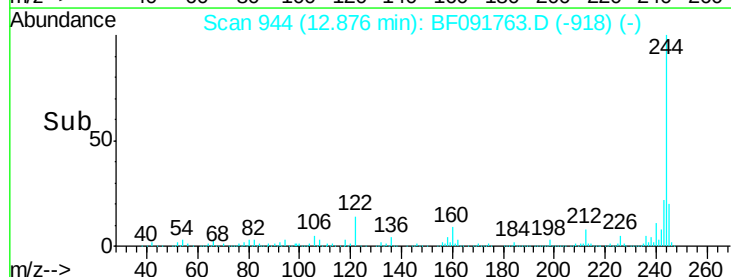
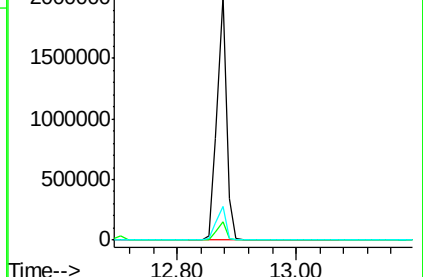
122 13.7 11.4 17.2

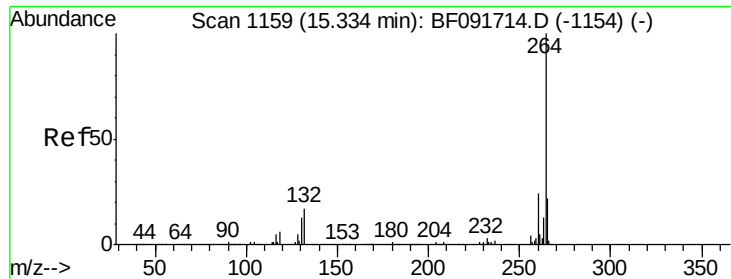


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF091763.D
Acq: 19 Dec 2016 4:25

Instrument :
BNA_F
ClientSampleId :
MW-12

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.1	17.4	26.0

