

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091619.D
 Acq On : 15 Dec 2016 9:26
 Operator : UM/SJ
 Sample : H5974-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Dec 15 15:40:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

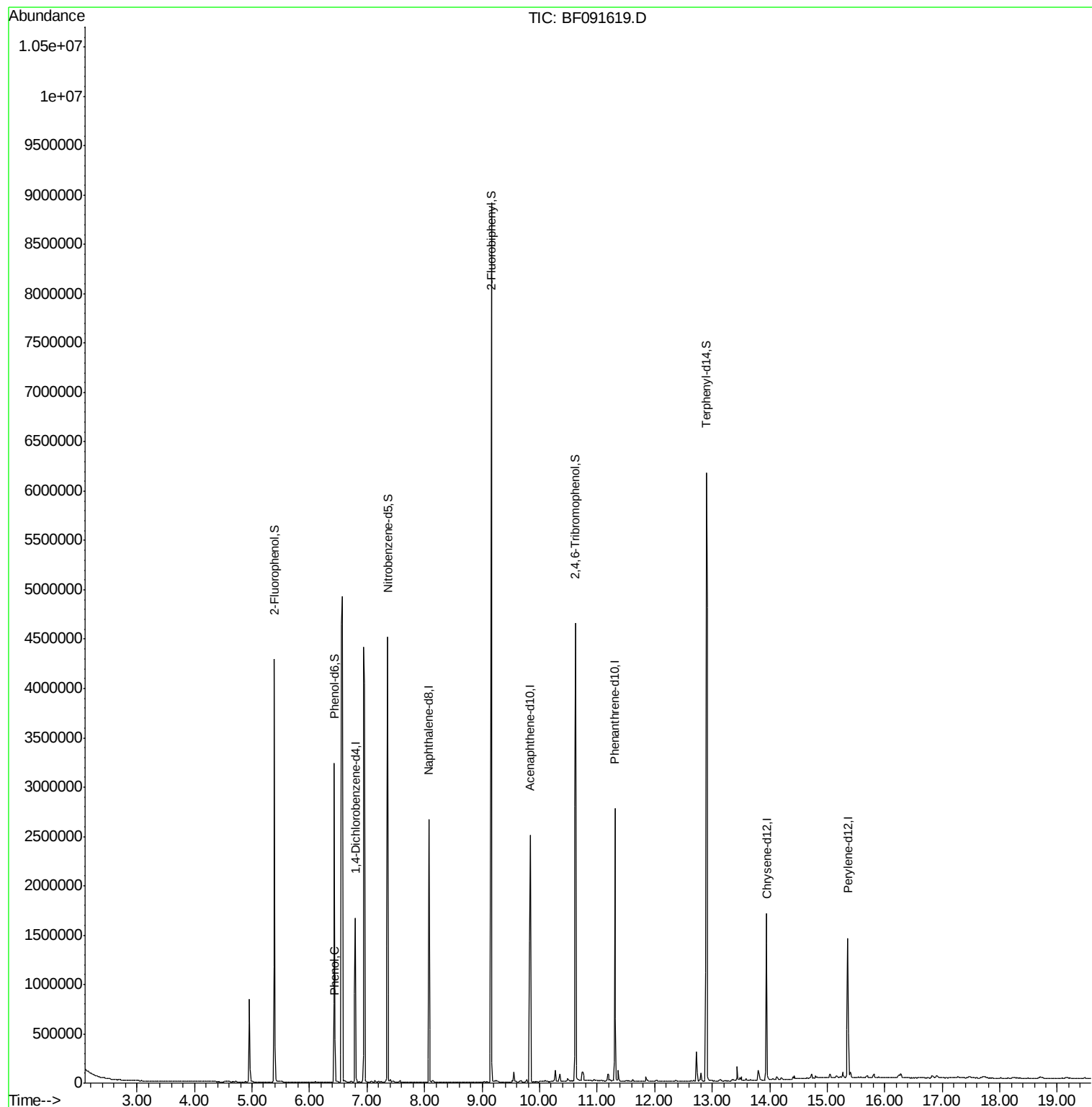
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	302303	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1169230	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	658114	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	968635	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	771846	20.00	ng	-0.01
86) Perylene-d12	15.36	264	604302	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1138043	63.42	ng	-0.02
7) Phenol-d6	6.43	99	998134	44.62	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1665113	79.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	631893	115.60	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2861784	75.14	ng	-0.02
78) Terphenyl-d14	12.90	244	2757283	81.06	ng	-0.02
Target Compounds						
10) Phenol	6.44	94	60169	2.30	ng	Qvalue 81

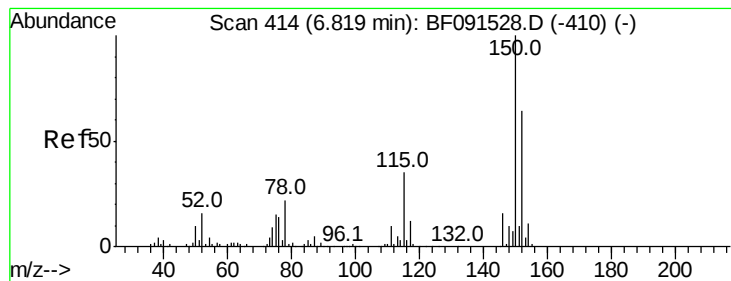
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF091619.D

Acq: 15 Dec 2016 9:26

Instrument :

BNA_F

ClientSampleId :

MW-10

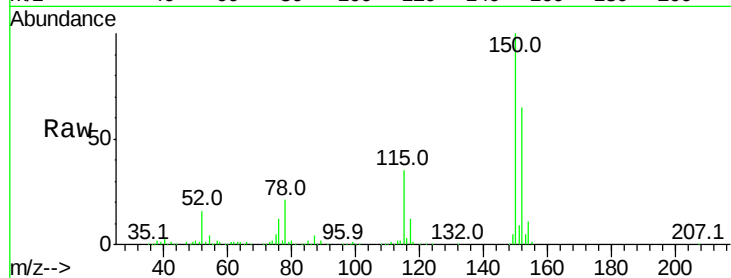
Tot Ion:152 Resp: 302303

Ion Ratio Lower Upper

152 100

150 154.5 122.5 183.7

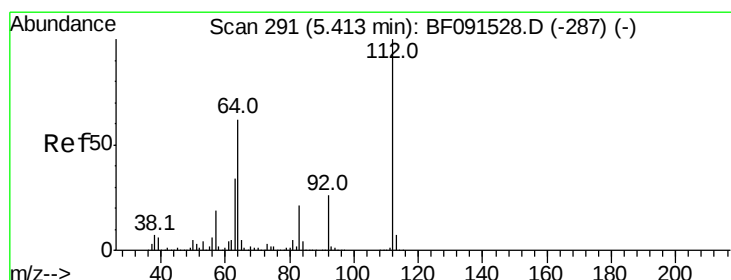
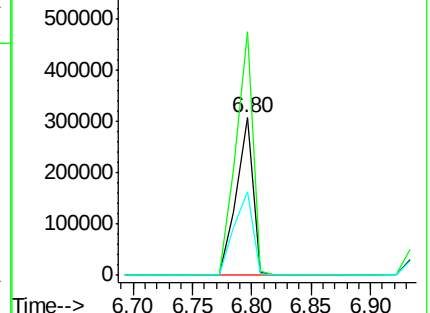
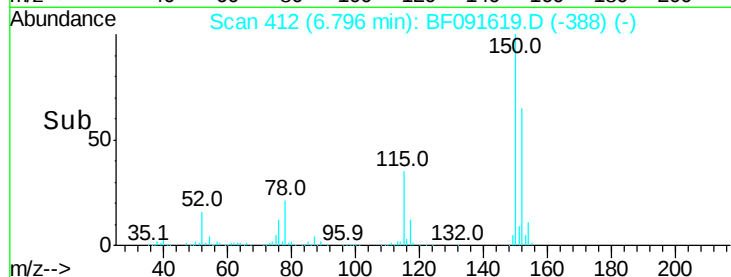
115 53.4 51.8 77.8



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: 63.42 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.02 min

Lab File: BF091619.D

Acq: 15 Dec 2016 9:26

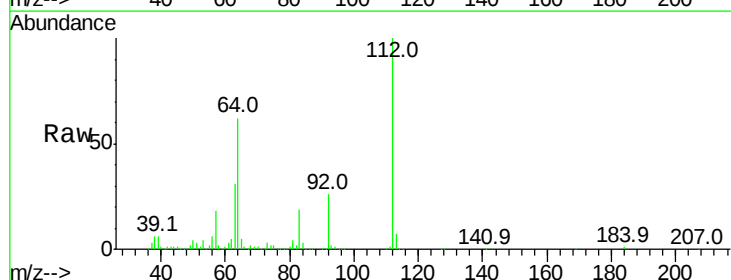
Tgt Ion:112 Resp: 1138043

Ion Ratio Lower Upper

112 100

64 61.6 61.5 92.3

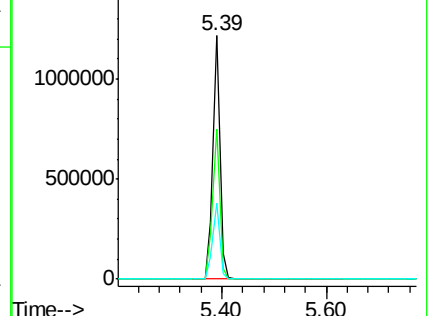
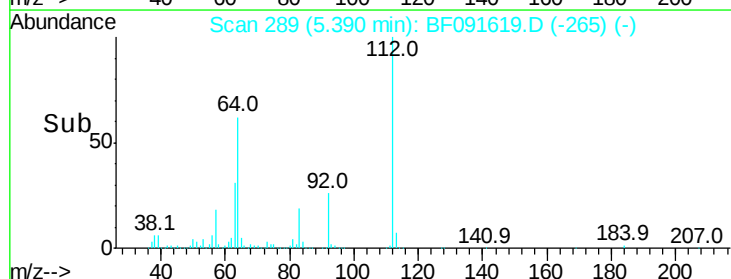
63 31.3 33.3 49.9#

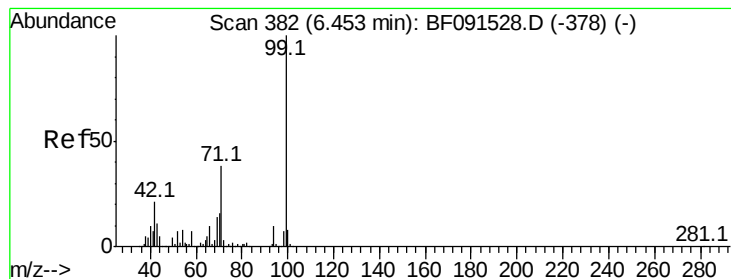


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.62 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF091619.D

Acq: 15 Dec 2016 9:26

Instrument :

BNA_F

ClientSampleId :

MW-10

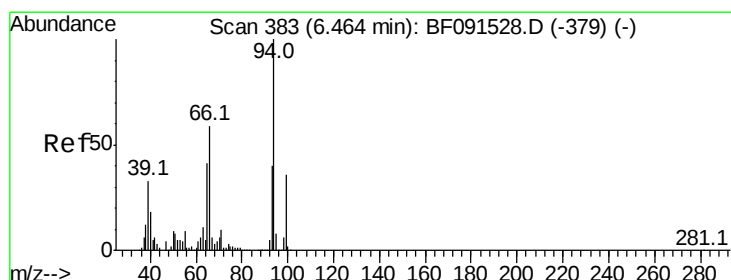
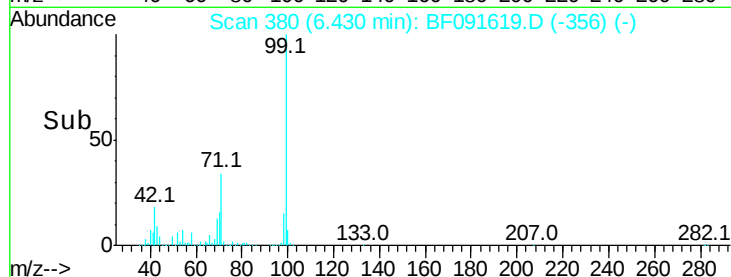
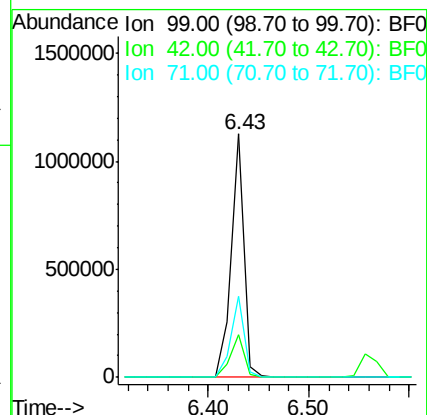
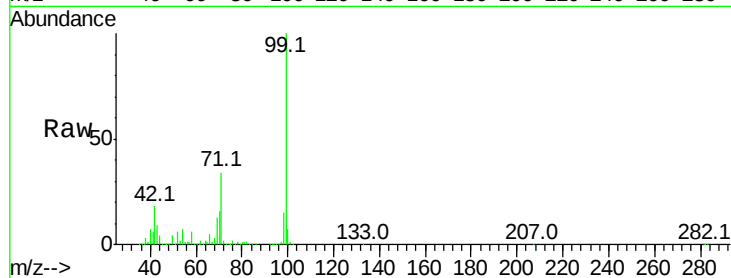
Tot Ion: 99 Resp: 998134

Ion Ratio Lower Upper

99 100

42 17.7 20.6 31.0#

71 33.5 29.9 44.9



#10

Phenol

Concen: 2.30 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF091619.D

Acq: 15 Dec 2016 9:26

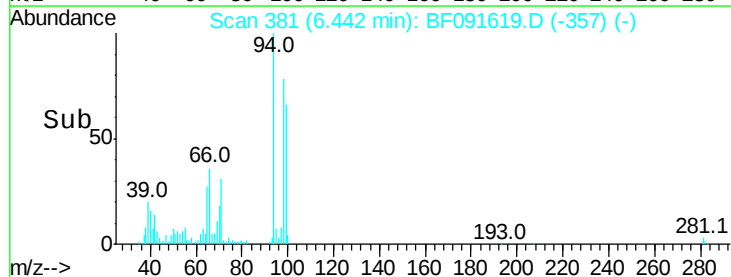
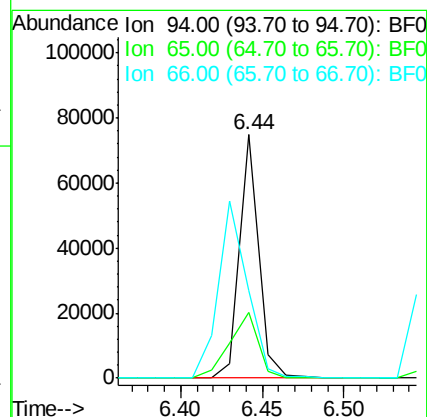
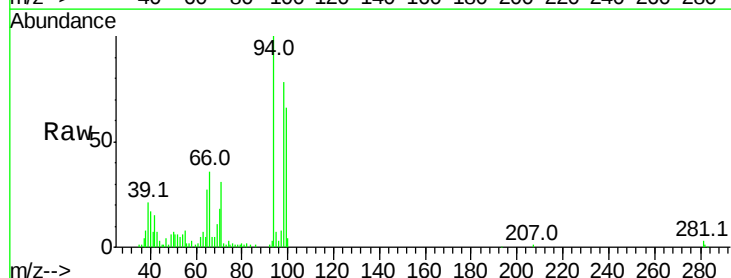
Tgt Ion: 94 Resp: 60169

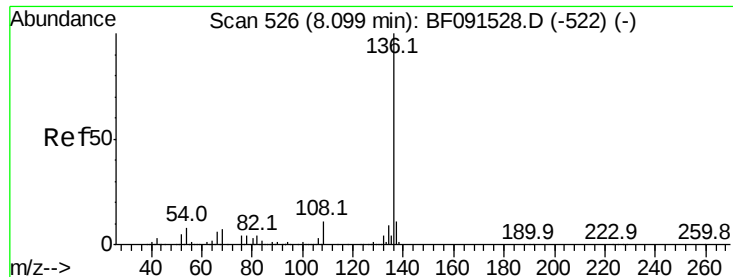
Ion Ratio Lower Upper

94 100

65 27.0 16.9 56.9

66 35.8 30.6 70.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF091619.D

Acq: 15 Dec 2016 9:26

Instrument :

BNA_F

ClientSampleId :

MW-10

Tot Ion:136 Resp: 1169230

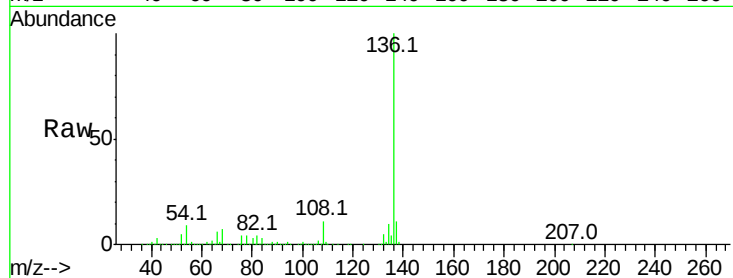
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 8.9 9.1 13.7#

68 7.3 5.9 8.9



Abundance Ion 136.00 (135.70 to 136.70): E

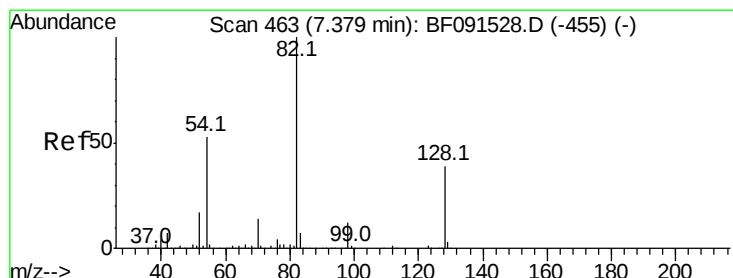
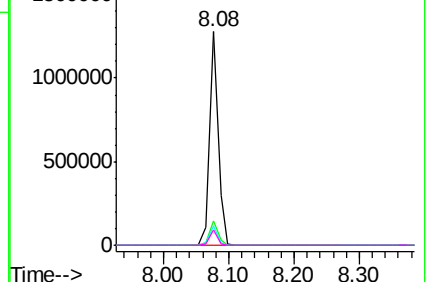
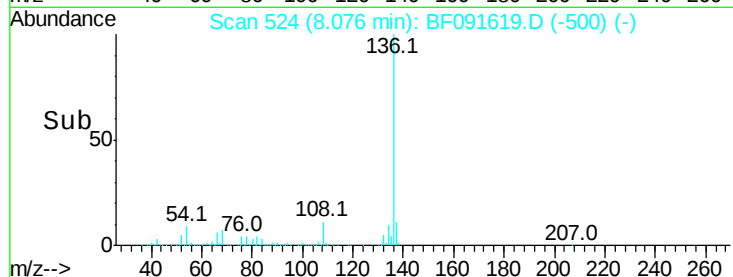
2000000 Ion 137.00 (136.70 to 137.70): E

1500000 Ion 54.00 (53.70 to 54.70): BF0

1000000 Ion 68.00 (67.70 to 68.70): BF0

500000

0



#23

Nitrobenzene-d5

Concen: 79.48 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF091619.D

Acq: 15 Dec 2016 9:26

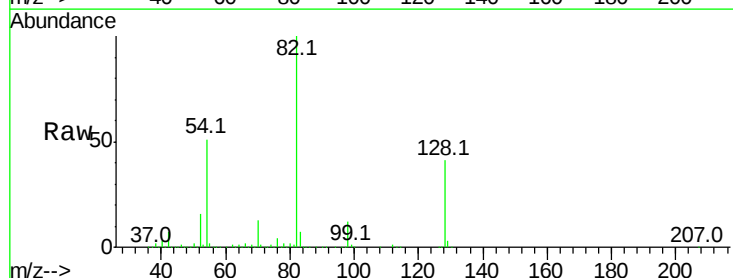
Tgt Ion: 82 Resp: 1665113

Ion Ratio Lower Upper

82 100

128 41.1 31.8 47.6

54 51.2 49.1 73.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

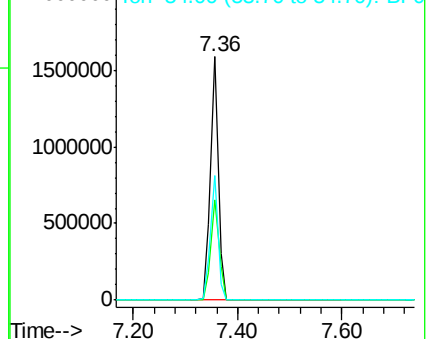
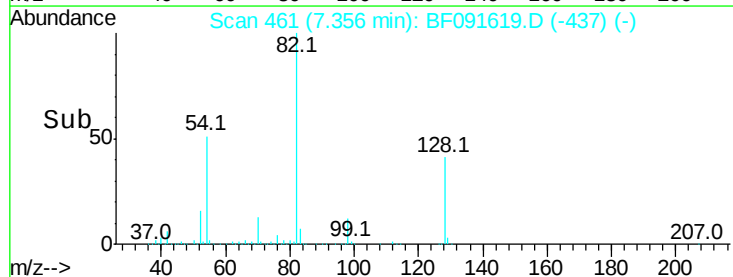
2000000 Ion 128.00 (127.70 to 128.70): E

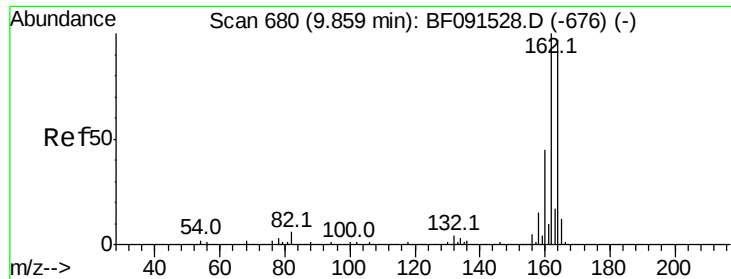
1500000 Ion 54.00 (53.70 to 54.70): BF0

1000000

500000

0

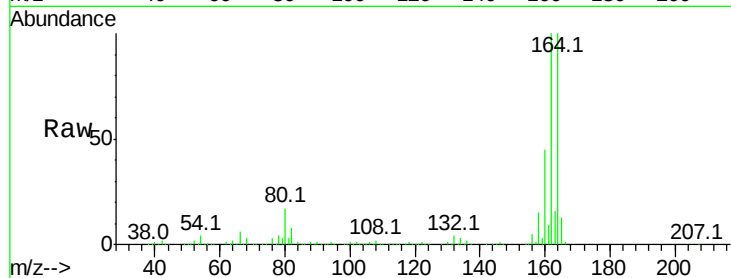




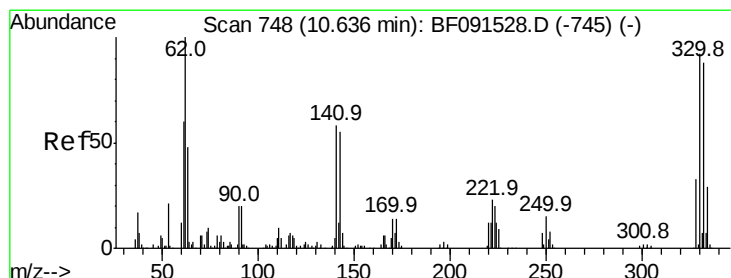
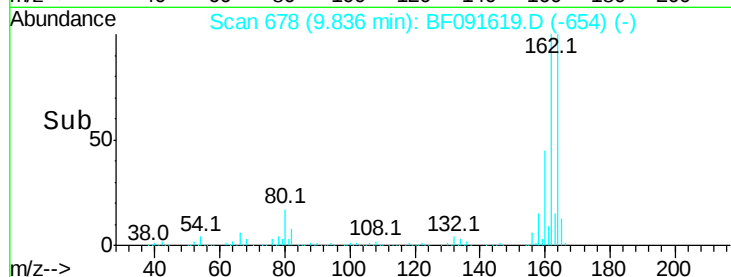
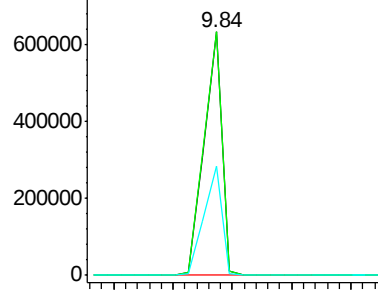
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF091619.D
Acq: 15 Dec 2016 9:26

Instrument :
BNA_F
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MW-10

Tot Ion:164 Resp: 658114
Ion Ratio Lower Upper
164 100
162 99.8 82.6 124.0
160 44.7 36.7 55.1

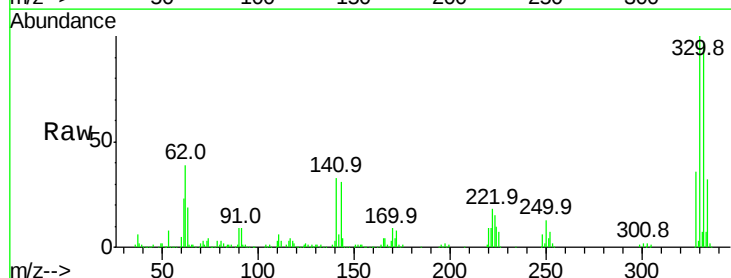


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

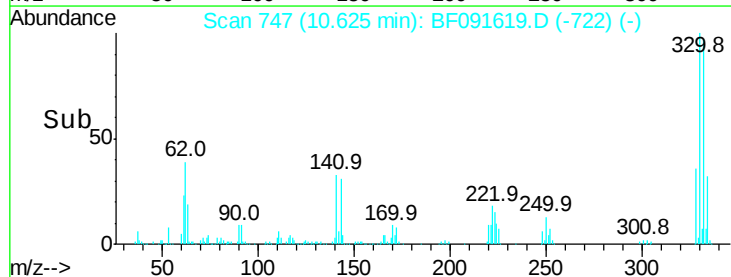
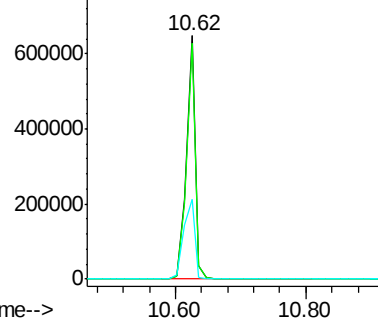


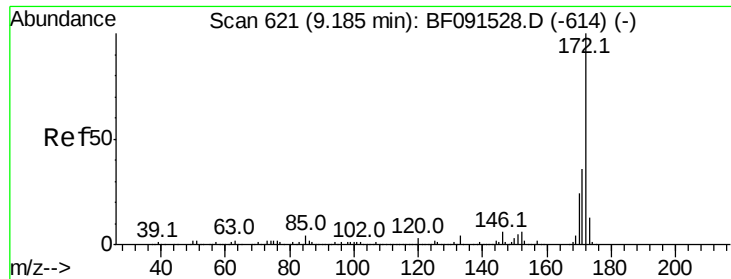
#41
2,4,6-Tribromophenol
Concen: 115.60 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF091619.D
Acq: 15 Dec 2016 9:26

Tgt Ion:330 Resp: 631893
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 41.2 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: 75.14 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF091619.D

Acq: 15 Dec 2016 9:26

Instrument :

BNA_F

ClientSampleId :

MW-10

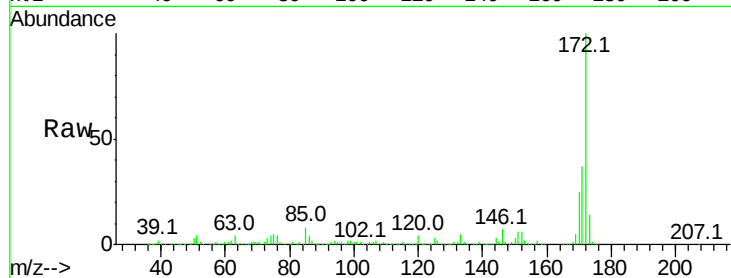
Tot Ion:172 Resp: 2861784

Ion Ratio Lower Upper

172 100

171 37.4 29.4 44.0

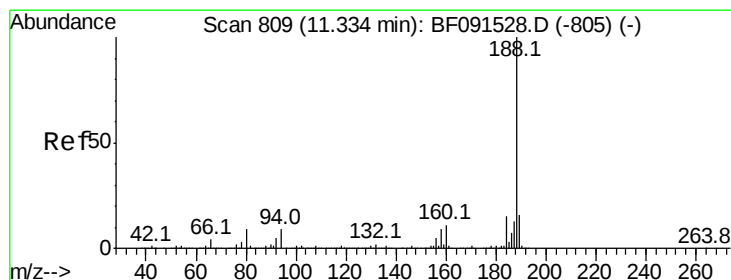
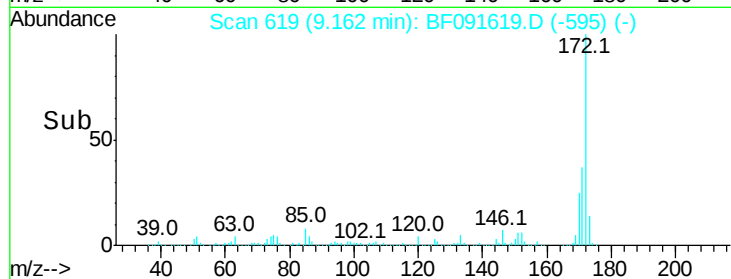
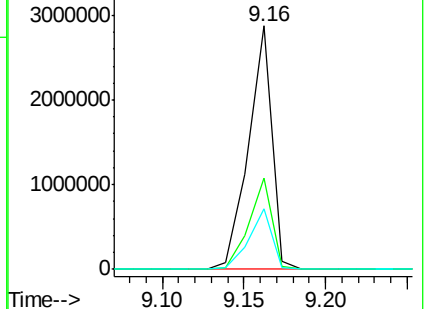
170 25.0 19.7 29.5



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: 11.31 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF091619.D

Acq: 15 Dec 2016 9:26

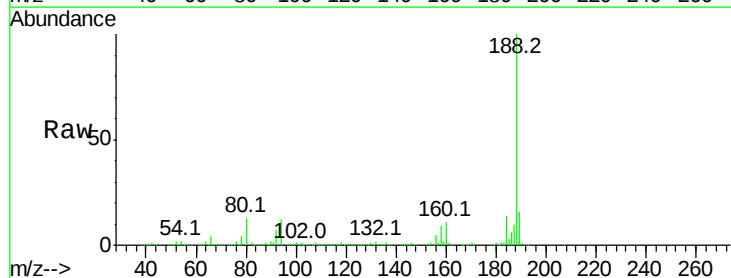
Tgt Ion:188 Resp: 968635

Ion Ratio Lower Upper

188 100

94 12.1 9.2 13.8

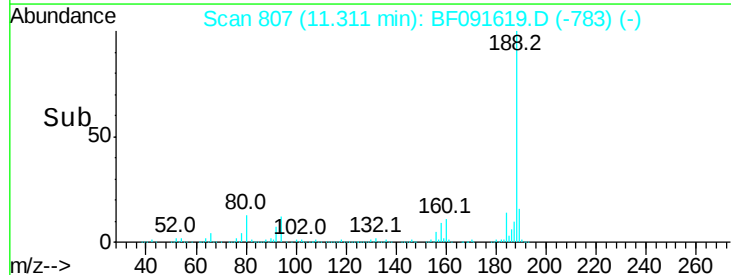
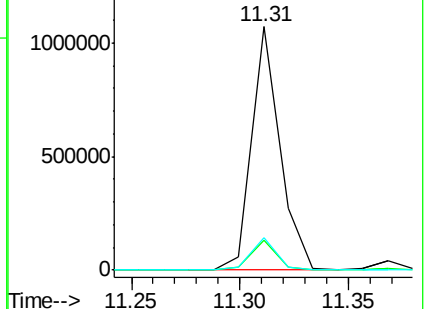
80 13.3 10.5 15.7

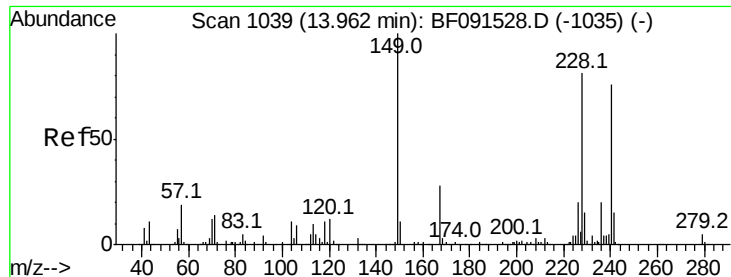


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF091619.D

Acq: 15 Dec 2016 9:26

Instrument :

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ClientSampleId :

MW-10

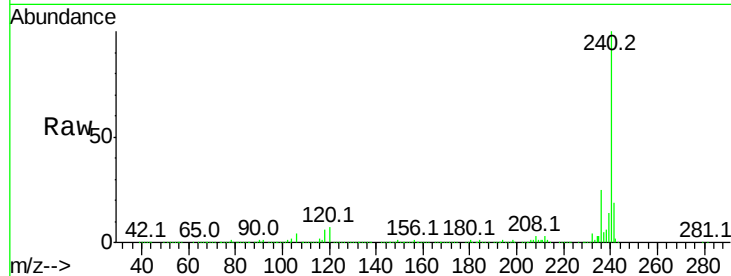
Tot Ion:240 Resp: 771846

Ion Ratio Lower Upper

240 100

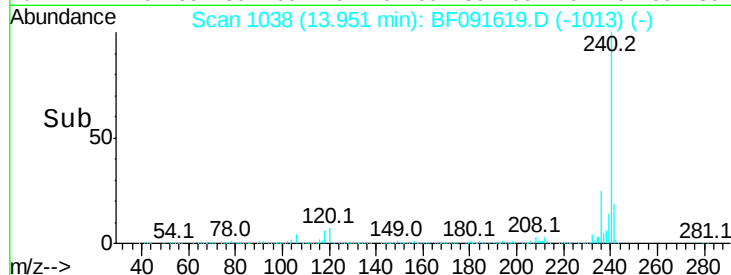
120 6.6 12.1 18.1#

236 25.2 21.0 31.6

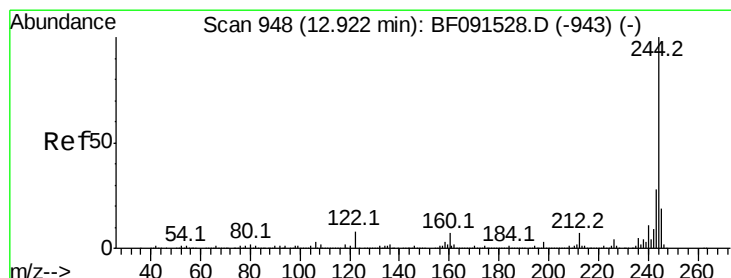


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

13.95



Time--> 13.80 14.00 14.20



#78

Terphenyl-d14

Concen: 81.06 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF091619.D

Acq: 15 Dec 2016 9:26

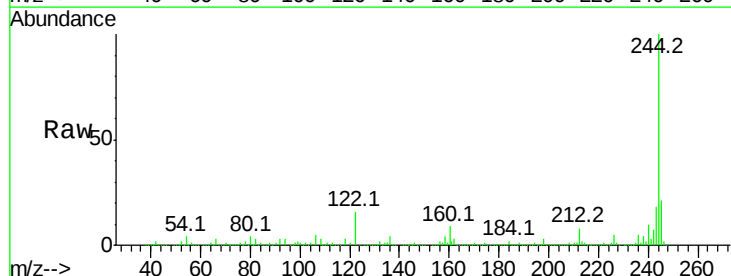
Tgt Ion:244 Resp: 2757283

Ion Ratio Lower Upper

244 100

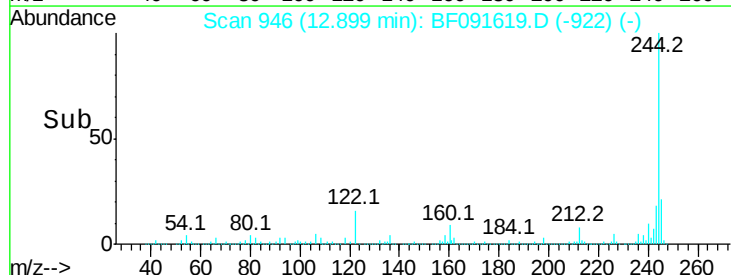
212 7.8 6.5 9.7

122 15.9 9.5 14.3#

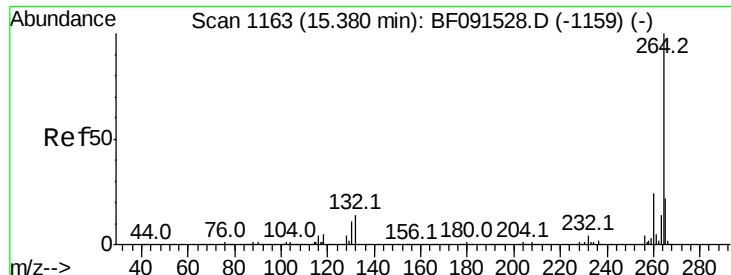


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

12.90



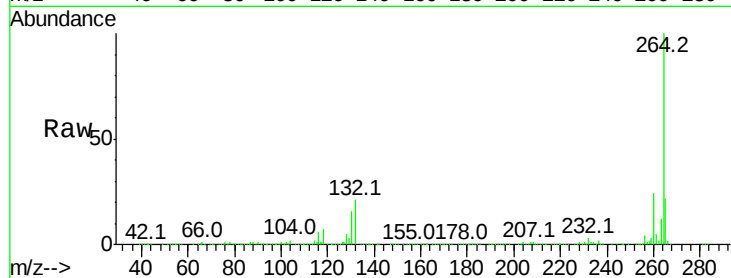
Time--> 12.80 13.00



#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BF091619.D
Acq: 15 Dec 2016 9:26

Instrument :
BNA_F
ClientSampleId :
MW-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.9	17.0	25.6



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

