

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091565.D
 Acq On : 13 Dec 2016 20:25
 Operator : UM/SJ
 Sample : H5994-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-12-8-16

Quant Time: Dec 14 01:16:34 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	6.81	152	295751	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1239338	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	599553	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	984389	20.00	ng	0.00
75) Chrysene-d12	13.96	240	706164	20.00	ng	0.00
86) Perylene-d12	15.37	264	652723	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	993865	56.62	ng	0.00
7) Phenol-d6	6.45	99	781006	35.69	ng	0.00
23) Nitrobenzene-d5	7.38	82	1812942	81.64	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	562338	112.92	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2550746	73.51	ng	-0.01
78) Terphenyl-d14	12.92	244	2705308	86.93	ng	0.00

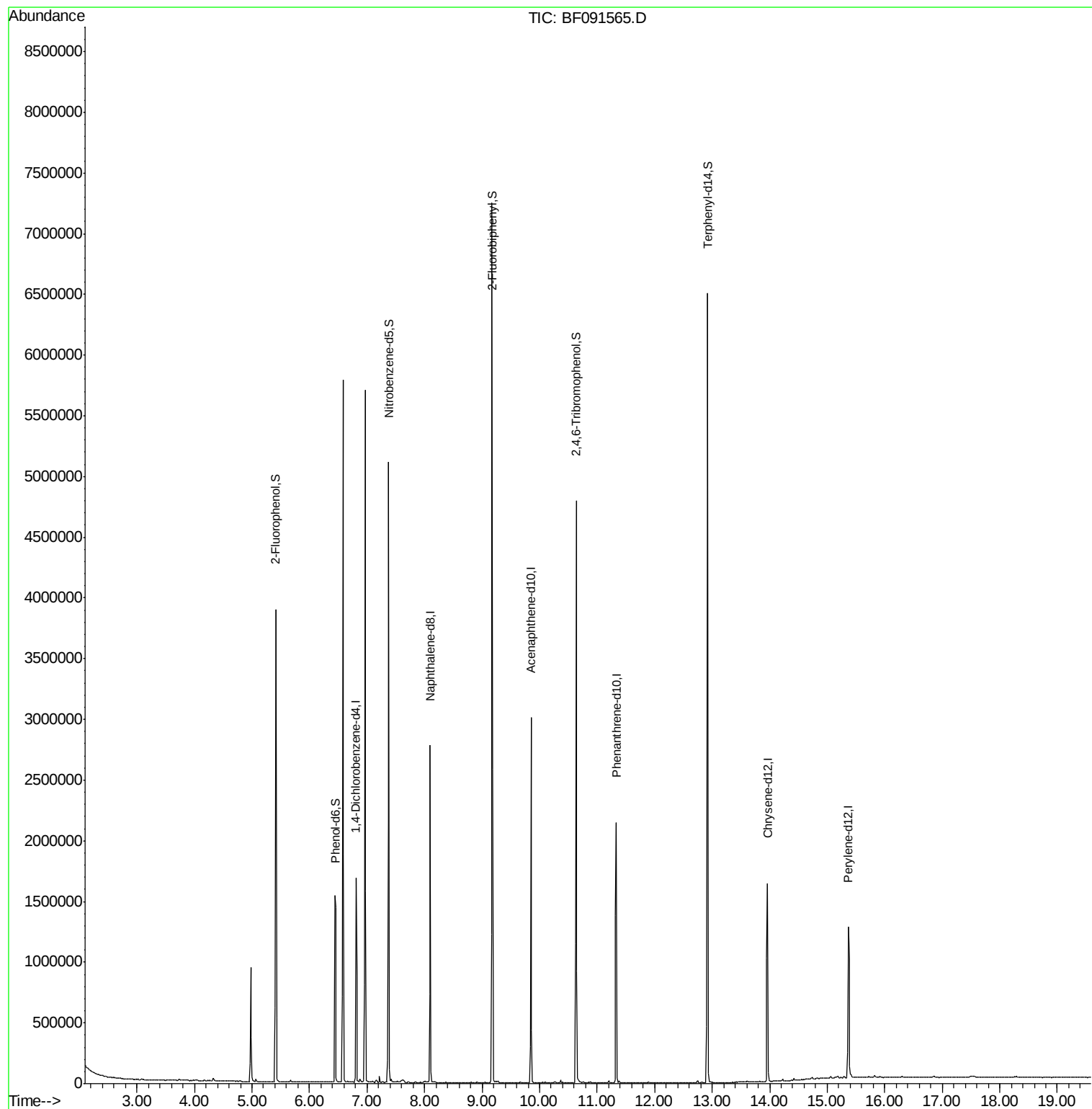
Target Compounds Qvalue

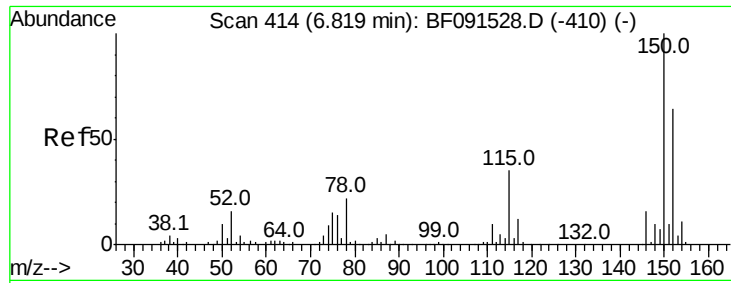
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF091565.D

Acq: 13 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-12-8-16

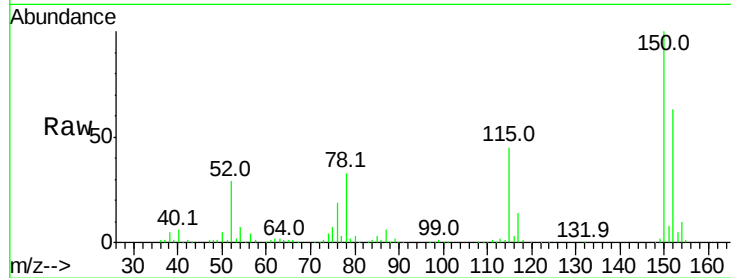
Tot Ion:152 Resp: 295751

Ion Ratio Lower Upper

152 100

150 158.9 122.5 183.7

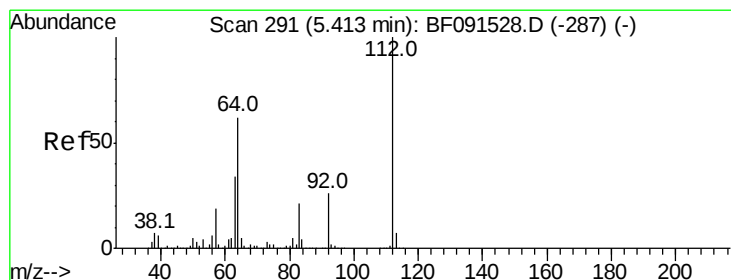
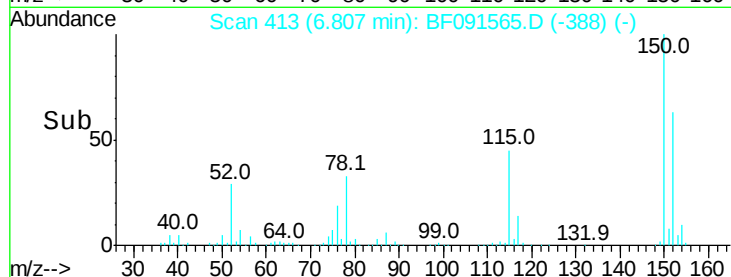
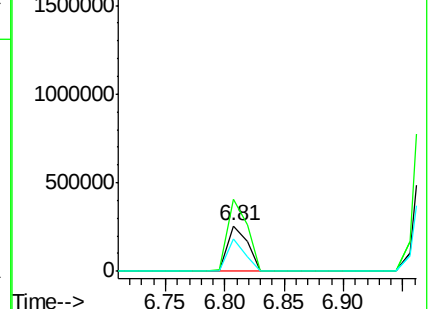
115 71.5 51.8 77.8



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: 56.62 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF091565.D

Acq: 13 Dec 2016 20:25

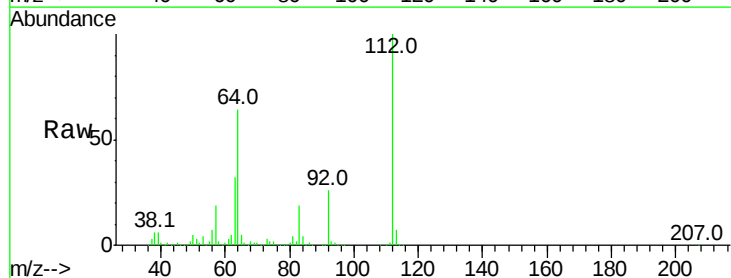
Tgt Ion:112 Resp: 993865

Ion Ratio Lower Upper

112 100

64 63.8 61.5 92.3

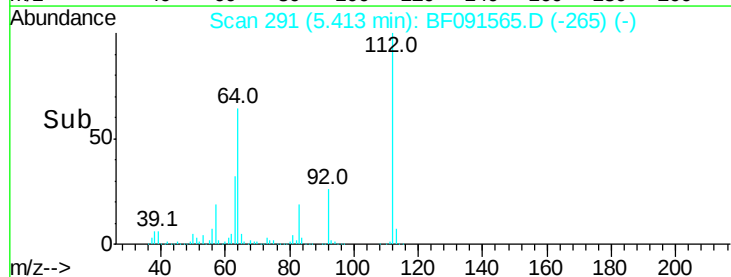
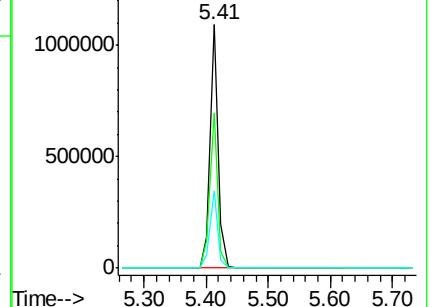
63 31.9 33.3 49.9#

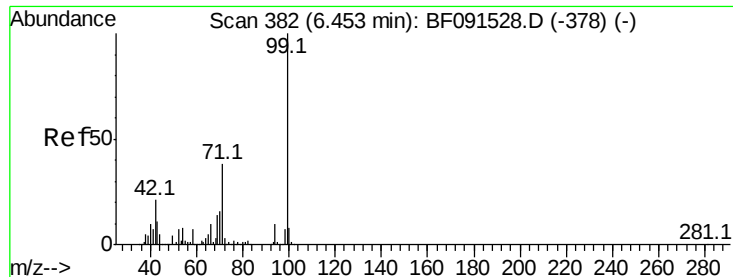


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.69 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091565.D

Acq: 13 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-12-8-16

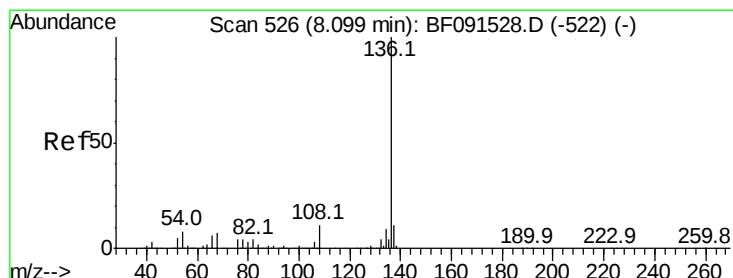
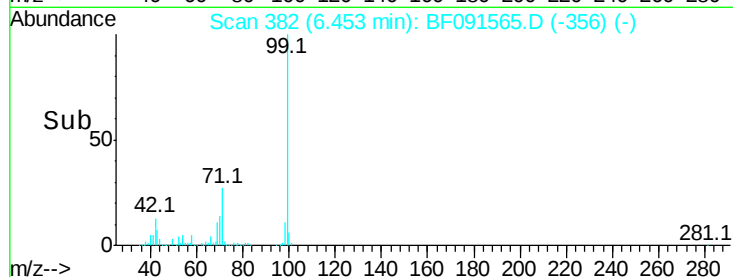
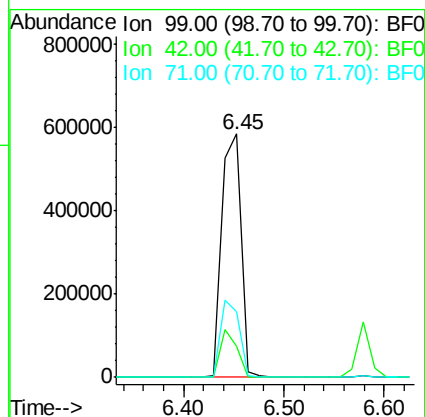
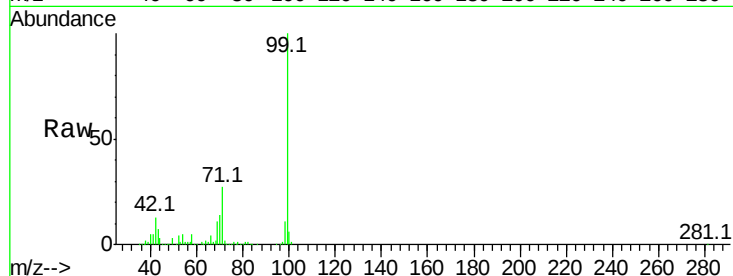
Tot Ion: 99 Resp: 781006

Ion Ratio Lower Upper

99 100

42 12.9 20.6 31.0#

71 27.2 29.9 44.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF091565.D

Acq: 13 Dec 2016 20:25

Tgt Ion: 136 Resp: 1239338

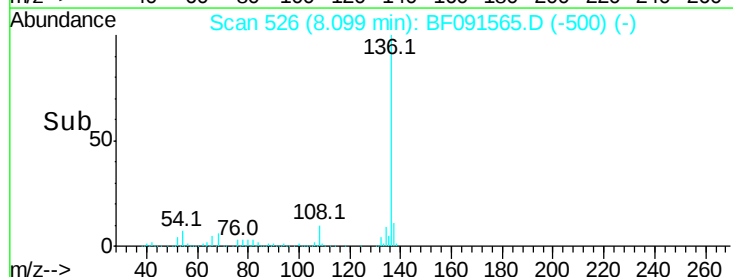
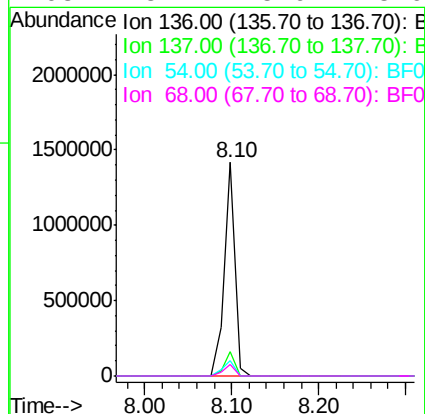
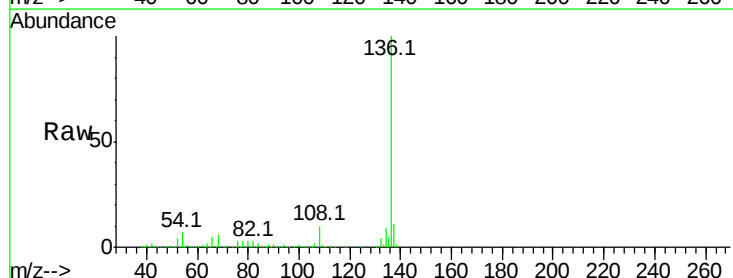
Ion Ratio Lower Upper

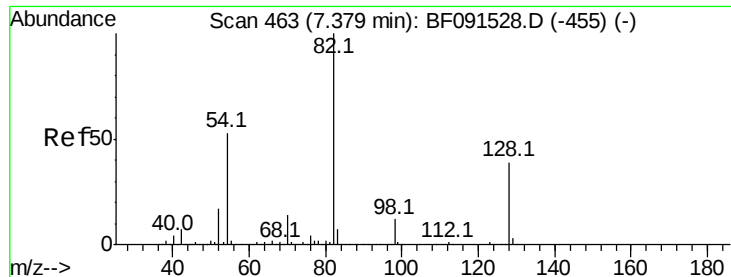
136 100

137 11.2 9.1 13.7

54 7.1 9.1 13.7#

68 5.7 5.9 8.9#





#23

Nitrobenzene-d5

Concen: 81.64 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF091565.D

Acq: 13 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-12-8-16

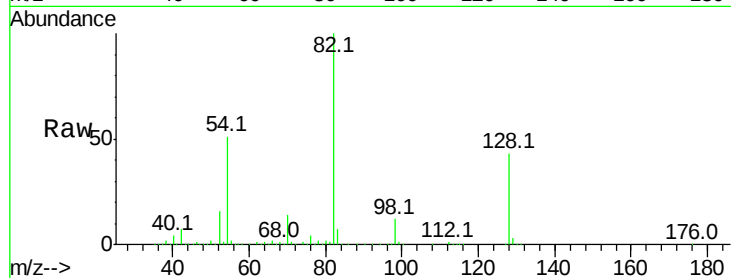
Tot Ion: 82 Resp: 1812942

Ion Ratio Lower Upper

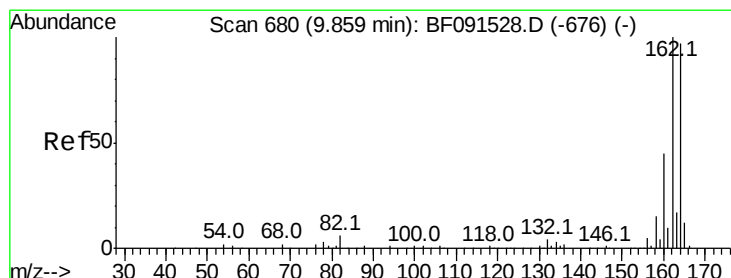
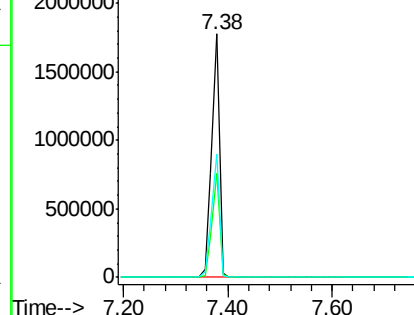
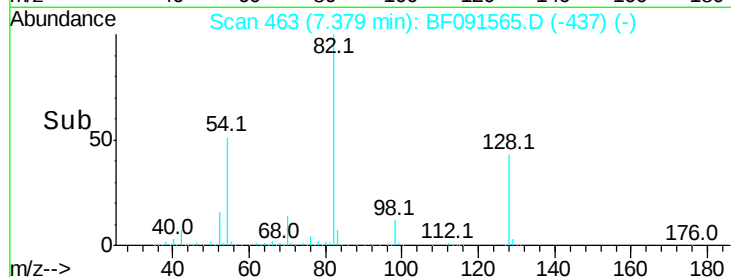
82 100

128 42.9 31.8 47.6

54 50.8 49.1 73.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF091565.D

Acq: 13 Dec 2016 20:25

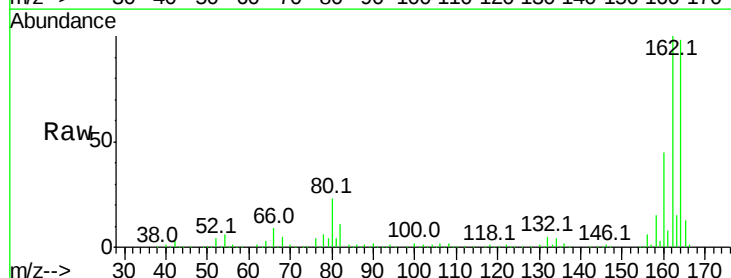
Tgt Ion:164 Resp: 599553

Ion Ratio Lower Upper

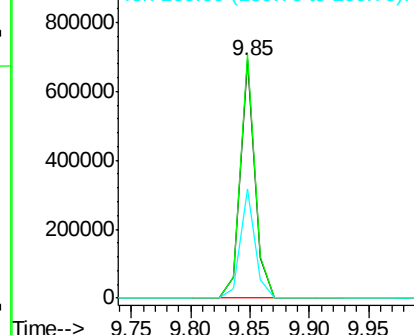
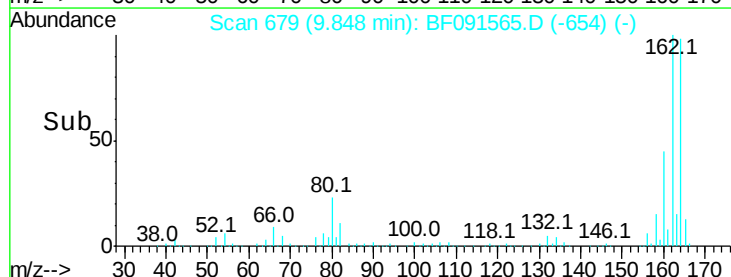
164 100

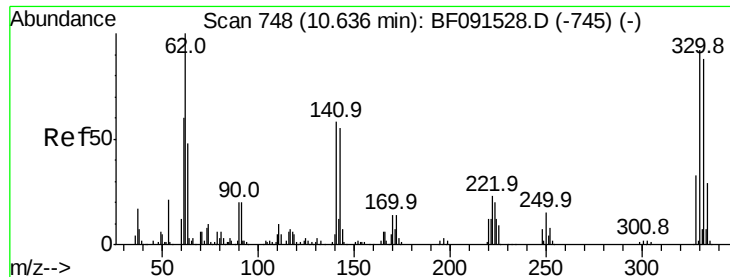
162 102.1 82.6 124.0

160 45.7 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

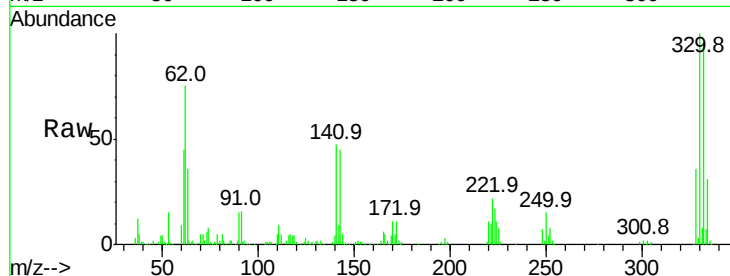




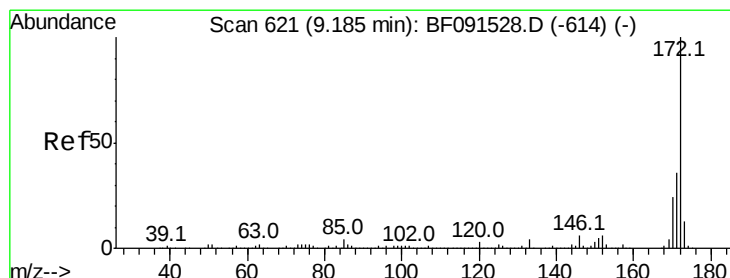
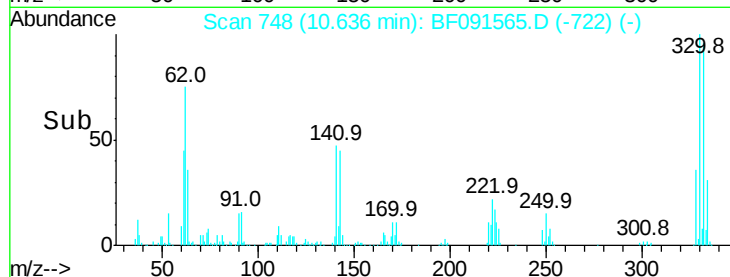
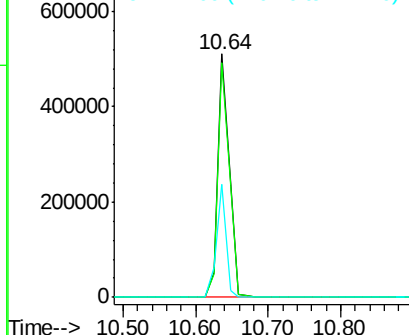
#41
 2,4,6-Tribromophenol
 Concen: 112.92 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF091565.D
 Acq: 13 Dec 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-12-8-16

Tot Ion:330 Resp: 562338
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.2 114.4
 141 38.9 33.6 50.4

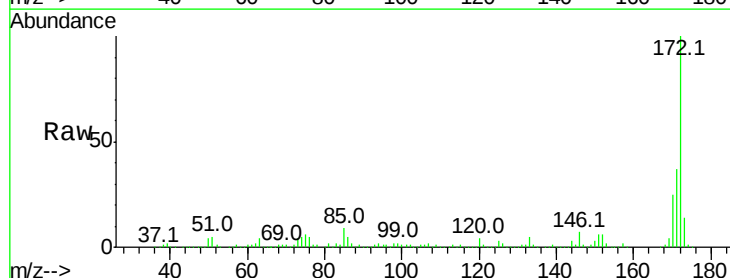


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

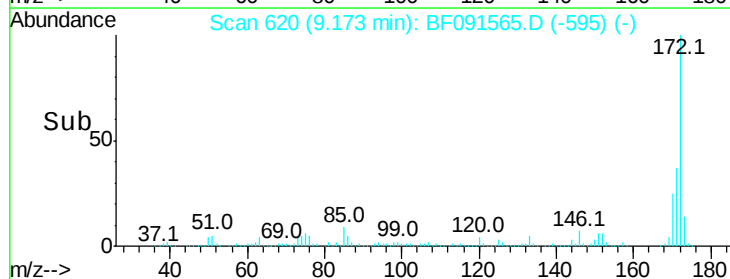
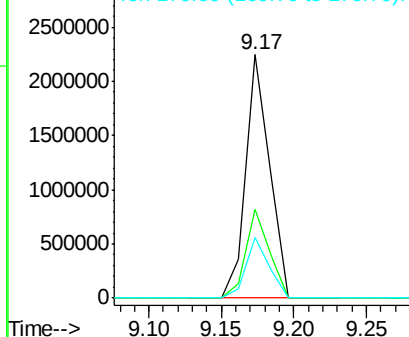


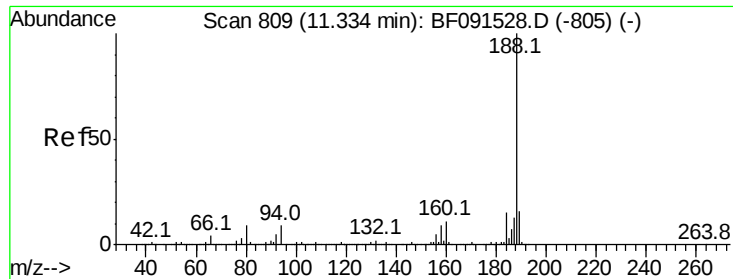
#44
 2-Fluorobiphenyl
 Concen: 73.51 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091565.D
 Acq: 13 Dec 2016 20:25

Tgt Ion:172 Resp: 2550746
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.7 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

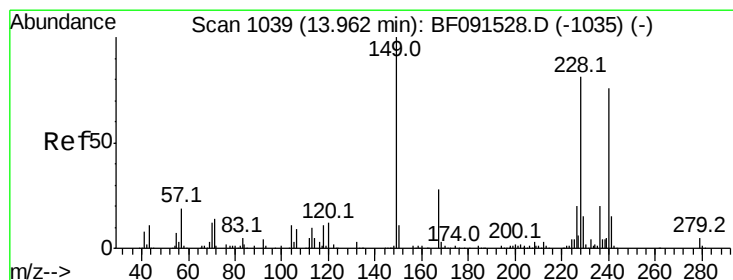
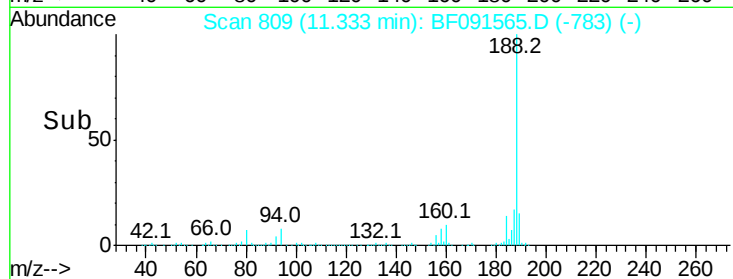
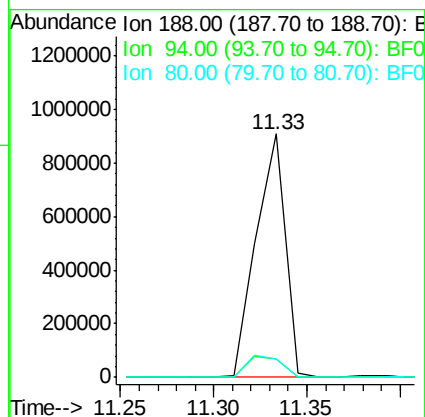
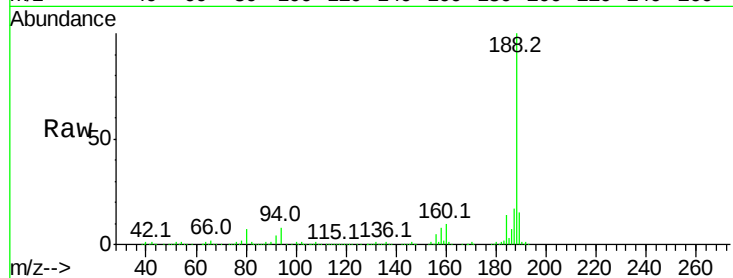




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091565.D
Acq: 13 Dec 2016 20:25

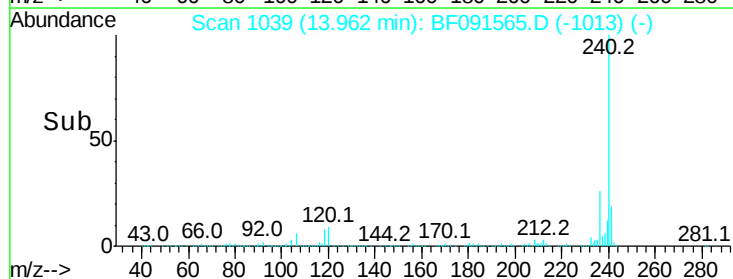
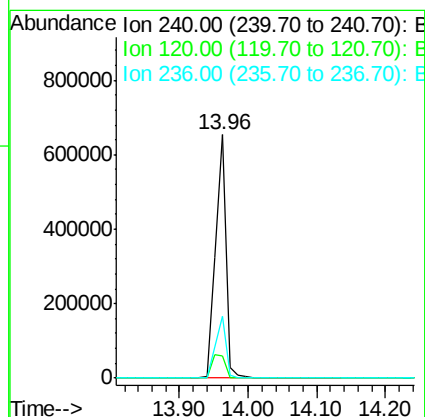
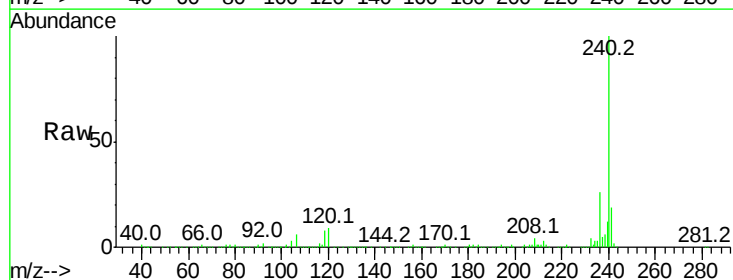
Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-12-8-16

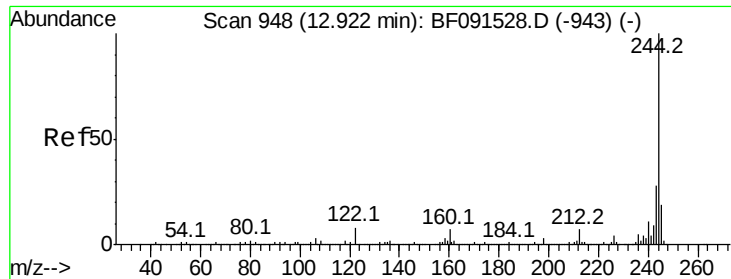
Tot Ion:188 Resp: 984389
Ion Ratio Lower Upper
188 100
94 7.6 9.2 13.8#
80 7.5 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF091565.D
Acq: 13 Dec 2016 20:25

Tgt Ion:240 Resp: 706164
Ion Ratio Lower Upper
240 100
120 9.2 12.1 18.1#
236 25.6 21.0 31.6



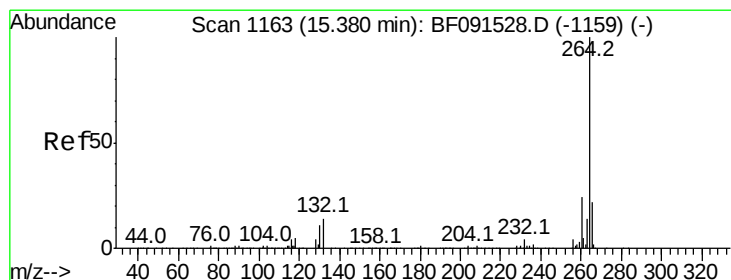
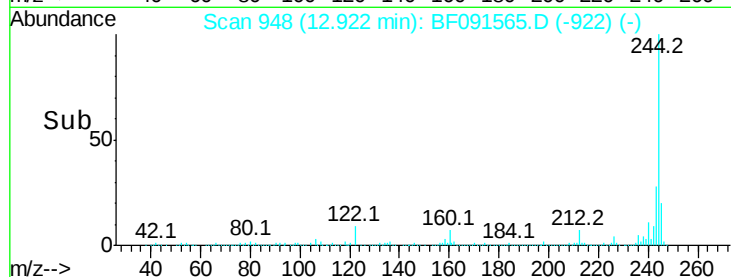
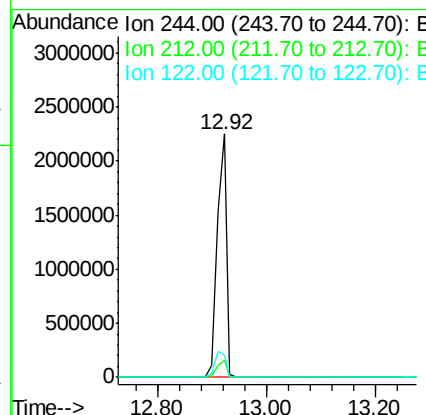
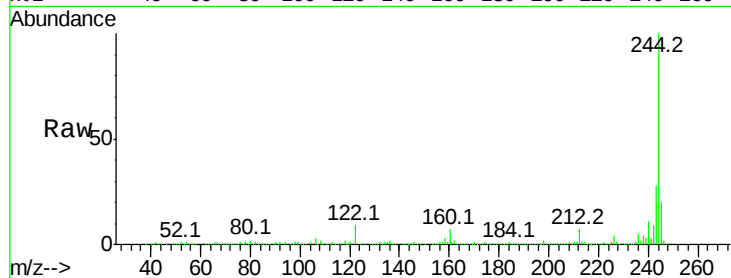


#78
 Terphenyl-d14
 Concen: 86.93 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF091565.D
 Acq: 13 Dec 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-12-8-16

Tot Ion:244 Resp: 2705308

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	9.4	9.5	14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF091565.D
 Acq: 13 Dec 2016 20:25

Tgt Ion:264 Resp: 652723

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.8	17.0	25.6

